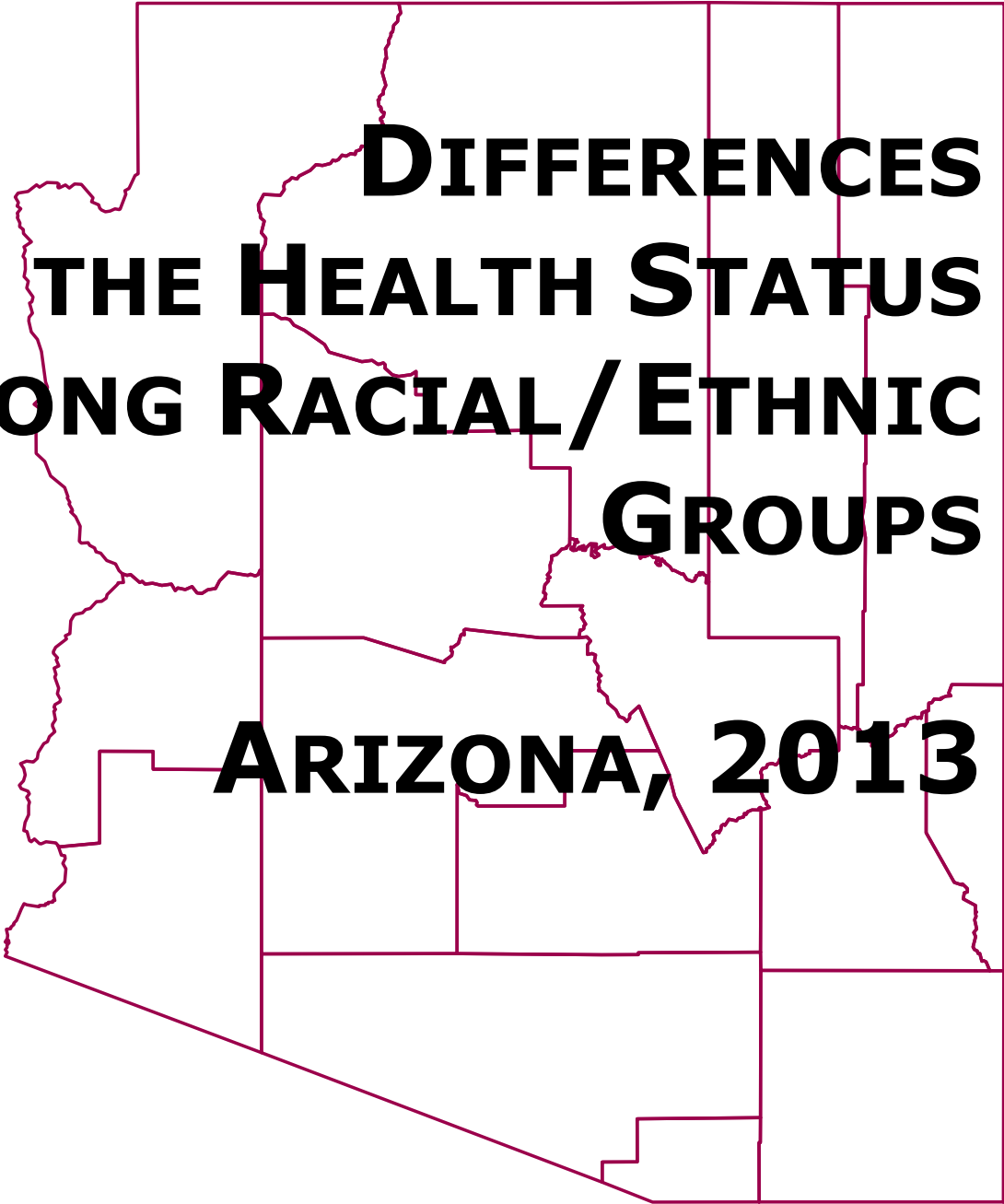




DIFFERENCES IN THE HEALTH STATUS AMONG RACIAL/ETHNIC GROUPS ARIZONA, 2013



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

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Differences in the Health Status Among Racial/Ethnic Groups, Arizona, 2013

BY

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March 2015

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Differences in Health Status among Racial/Ethnic Groups, Arizona, 2013

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PURPOSE

Differences in Health Status among Racial/Ethnic Groups, Arizona, 2013 is drawn upon information reported to the Department (see Source of Data on page 139). The report provides population-level data concerning differences in the health of five racial/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 racial/ethnic groups on 69 indicators (prior to the 2013 report there were 70 indicators) or measures of health status. The indicators are presented in a series of simple, self-explanatory bar charts and are organized around 9 major subject areas:

(1) TEEN PREGNANCIES, (2) MATERNAL LIFESTYLE AND HEALTH CHARACTERISTICS, (3) UTILIZATION OF PRENATAL CARE SERVICES, (4) NEWBORN'S HEALTH, (5) MORTALITY FROM NATURAL CAUSES (CHRONIC AND 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 racial/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 2013*** while the tabulated values also are available in the ***Rates and Ratios in 2013*** and ***Comparative Rates and Ratios for 2003-2013*** sections of the report.

The report also provides comparative risk profiles, as well as scores and rankings of racial/ethnic groups on each of the 69 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 racial/ethnic groups in our State and to stimulate viable initiatives to improve the health of **all** Arizonans.

DEMOGRAPHIC PROFILE OF ARIZONA'S RACIAL/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 6,581,054 Arizona residents in 2013, approximately 3,842,190 (58.4 percent) were White non-Hispanic, 1,961,135 (29.8 percent) were Hispanic or Latino, and 309,035 (4.7 percent) were American Indian or Alaska Natives. Blacks or African Americans accounted for 269,384 (4.1 percent) of the State's population. Asians or Pacific Islanders, the smallest racial/ethnic group, represented 3.0 percent of the total population (199,310 people).

It is important to note that the population denominators for 2013 are not exact enumerations of the State's residents in different racial/ethnic, gender, or age group categories. These denominators are extrapolations, which use past experience, and are not adjusted for the impact of economic and legal factors, which were previously absent. The most severe economic recession in 80 years obviously is one of these factors. The high rate of foreclosures, many built but vacant houses, high unemployment, the collapse of the home construction business, etc. have impacted not only vital events (such as the number of resident births) but also in-and-out migration. Implementation of the employer-sanction law on January 1st, 2008 (a penalty on employers hiring illegal immigrants), and a widespread practice of e-verify (checking the legal-residence status of those seeking employment) affected Hispanics or Latinos, the second largest group of Arizona's residents. These recent events have shaped the racial/ethnic distribution of Arizona's population, meaning projections used to estimate the State's population that were not able to take these factors into account contain some bias, generally reflecting larger populations, especially of Hispanics or Latinos, than those actually residing in Arizona.

Racial/ethnic minority groups have greater percentages of people younger than 25 years (45.7 percent) when compared with White non-Hispanics (27.3 percent). In contrast, people aged 65 years and older accounted for 21.0 percent of White non-Hispanics, but only 6.3 percent of all racial/ethnic minority groups combined. Among Arizonans less than 25 years old in 2013, more than half (54.4 percent) were a race/ethnicity other than White non-Hispanic. Among Arizona's adults 65 years old or older, eight out of ten (82.3 percent) were White non-Hispanic (**Table A**).

Table A. POPULATION BY AGE GROUP AND RACE/ETHNICITY, ARIZONA, 2013

POPULATION BY AGE GROUP IN 2013	All groups	White non-Hispanic	Other than White non-Hispanic ^a				
			Total	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
< 25 years	2,301,786	1,048,985	1,252,801	940,213	110,101	138,755	63,732
Percent	35.0%	27.3%	45.7%	47.9%	40.9%	44.9%	32.0%
25-64 years	3,298,140	1,985,982	1,312,158	907,876	139,660	147,072	117,550
Percent	50.1%	51.7%	47.9%	46.3%	51.8%	47.6%	59.0%
65+ years	981,128	807,224	173,905	113,046	19,623	23,208	18,028
Percent	14.9%	21.0%	6.3%	5.8%	7.3%	7.5%	9.0%
Total, all ages ^b	6,581,054	3,842,190	2,738,864	1,961,135	269,384	309,035	199,310
Percent	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Mortality patterns by age group in Arizona show similar contrasts between race/ethnicity groups. In 2013, the elderly (65 years and older) comprised 76.9 percent of the total mortality among White non-Hispanics, compared to 41.7 percent among American Indians, 53.0 percent among Blacks, 56.2 percent among Hispanics, and 71.9 percent among Asians. In 2013, only 1.4 percent of White non-Hispanics who died were less than 25 years old. In comparison, 7.8 percent of individuals who were of a racial/ethnic group other than White non-Hispanic died before reaching 25 years of age.

Table B. MORTALITY BY AGE GROUP AND RACE/ETHNICITY, ARIZONA, 2013

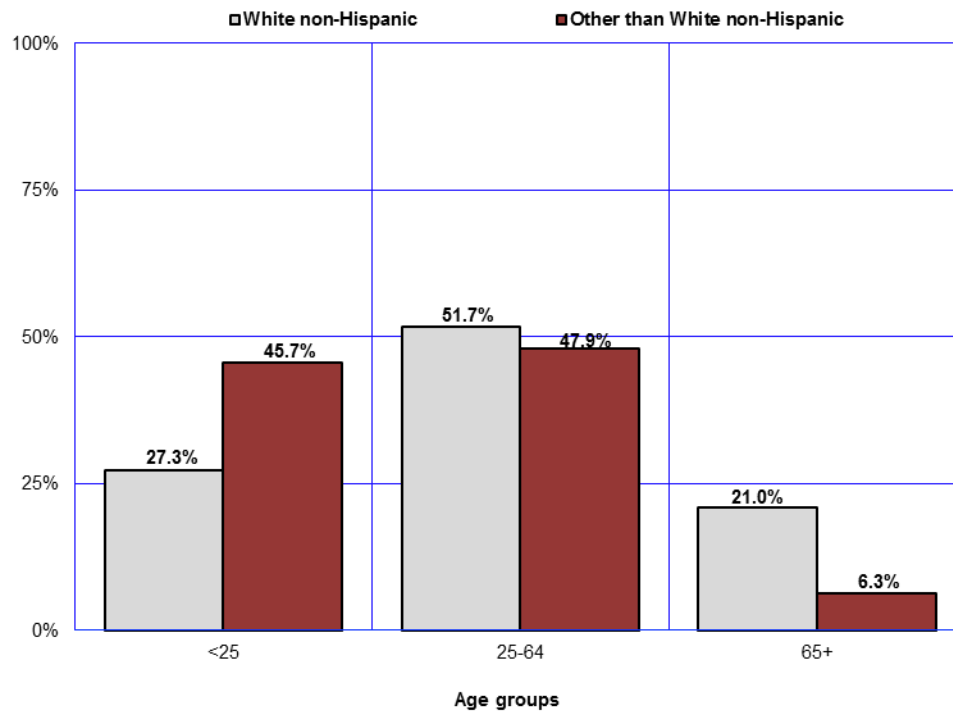
MORTALITY BY AGE GROUP IN 2013	All groups	White non-Hispanic	Other than White non-Hispanic ^a				
			Total	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
< 25 years	1,365	558	807	504	117	165	21
Percent	2.7%	1.4%	7.8%	8.0%	7.3%	8.4%	3.9%
25-64 years	12,564	8,574	3,990	2,255	631	974	130
Percent	25.2%	21.7%	38.4%	35.8%	39.6%	49.8%	24.2%
65+ years	36,000	30,411	5,589	3,541	845	816	387
Percent	72.1%	76.9%	53.8%	56.2%	53.0%	41.7%	71.9%
Total, all ages ^b	49,929	39,543	10,386	6,300	1,593	1,955	538
Percent	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Note: ^a Includes groups other than Hispanic, Black, American Indian, and Asian; ^b Includes unknown age; Source: The 2013 death certificate file for Arizona residents.

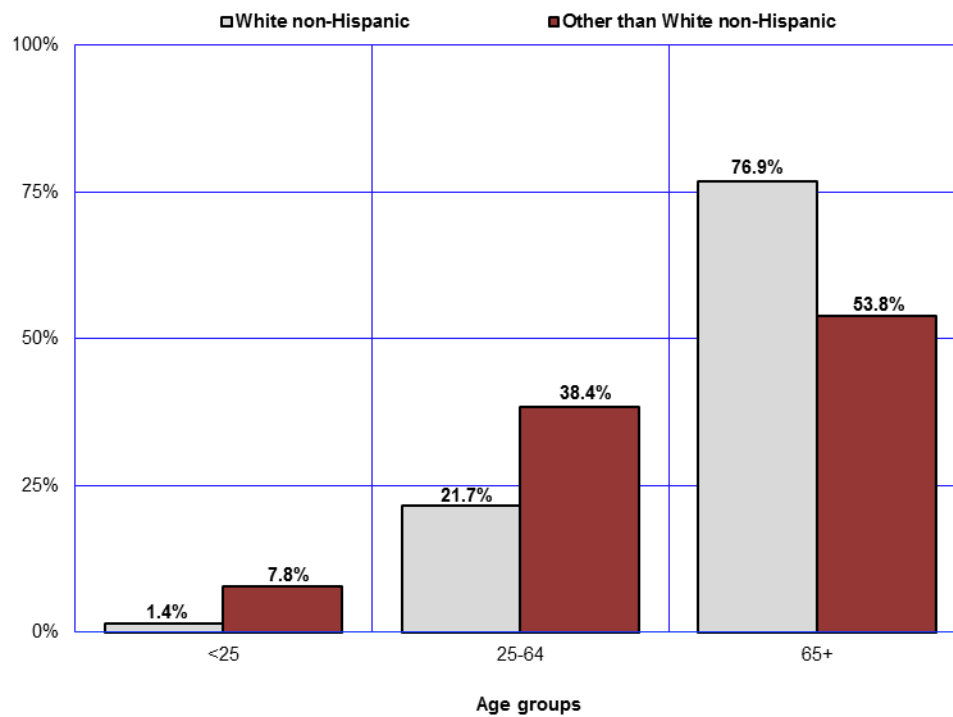
In 2013, the absolute majority of deaths of American Indians (58.2 percent) and Black (46.9 percent) residents of Arizona occurred before the age of 65 years, compared to 23.1 percent among White non-Hispanics.

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

**Percent distribution of population by age group and race/ethnicity,
Arizona, 2013**



**Percent distribution of deaths by age group and race/ethnicity,
Arizona, 2013**



METHODS

The 69 indicators presented in this report are individual measures of various dimensions or facets of health status. By calculating overall scores and rankings it is possible to provide a summary measure representing the relative standing of each racial/ethnic group across a broad range of health status issues.

Scores indicate the percentage points a racial/ethnic group falls 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 racial/ethnic group. The aggregate measures of health status (such as teen pregnancy rate, infant mortality rate, mortality rate for drug-induced deaths, 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 racial/ethnic groups. The highest ranking group is not problem-free, it is comparatively better.

The rates and ratios presented in sections 1-4 and 7-9 of **Comparative Measures of Health Status by Race/Ethnicity** and **Rates and Ratios for 2003-2013** 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 editions of this report prior to 2001. 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 analysis 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 biennially from 1995 to 2011. This report uses the same methodology as the 1997 through 2011 editions, so that average scores and average ranks (but not mortality rates published before 2000) are directly comparable.

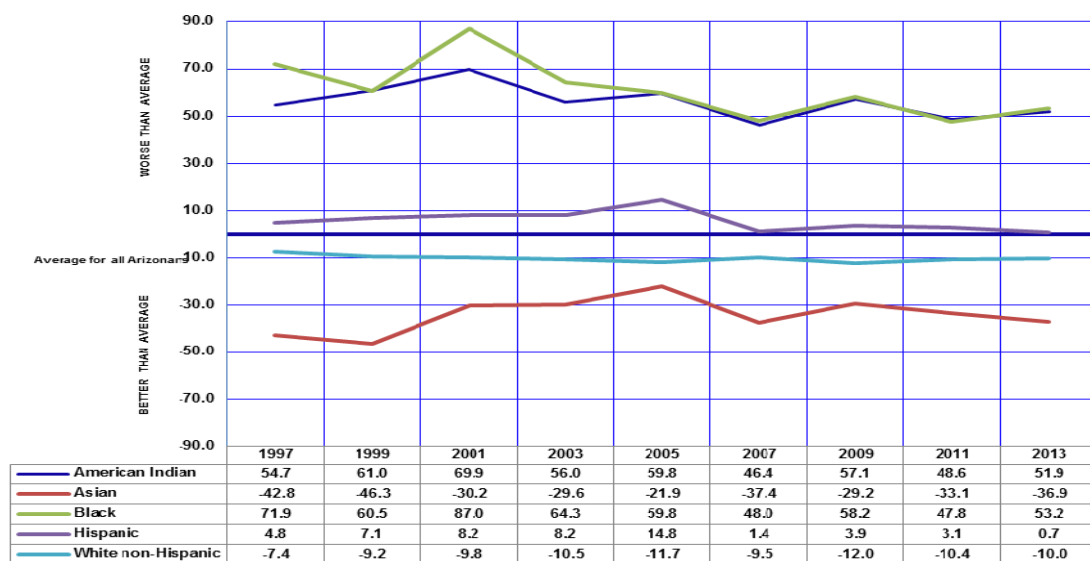
*For consistency, the signs + and - for scores indicating the median age at death as higher or lower than the statewide average were reversed (indicators 8-1, 8-2, 8-3). Otherwise, a higher-than-average median age at death would indicate worse than average standing on this indicator.

** A comparison of the median with the mean age at death in Arizona by race/ethnicity, gender, and year for 2003-2013 is available in Table 2D-1 of "Arizona Health Status and Vital Statistics 2013" report at <http://www.azdhs.gov/plan/report/ahs/ahs2013/2d1.pdf>

KEY FINDINGS

The overall inequity between the groups, as measured by the range of score values from the lowest (the most favorable standing among the groups, for 2013 Asian or Pacific Islander at -36.9), to the highest (the least favorable standing, for 2013 Blacks at 53.2), increased from 81.7 in 2011 to 90.1 points in 2013 (**Figure A**). From 2011 to 2013, Asians and Hispanics continued to experience favorable change among the racial/ethnic groups, meaning that the average scores decreased. American Indians and Blacks show an increase in their average scores. (**Figure A**). The shift in average score for White non-Hispanics was trivial.

Figure A
Comparison of Average Scores by Race/Ethnicity in
1997, 1999, 2001, 2003, 2005, 2007, 2009, 2011, and 2013



In 2013, as in prior years, Arizona's Asian residents ranked highest among racial/ethnic groups in 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 69 Indicators, Arizona 2013

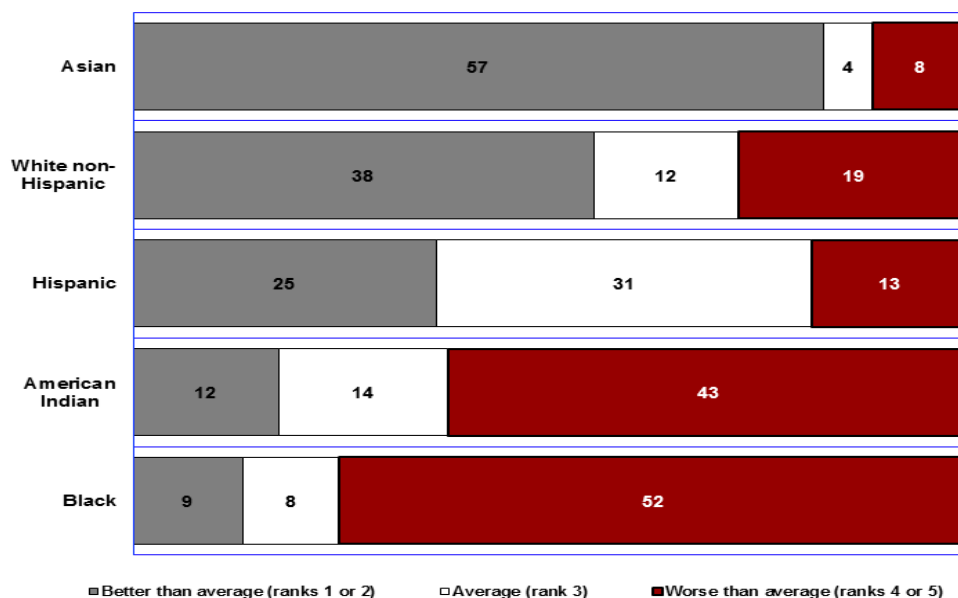
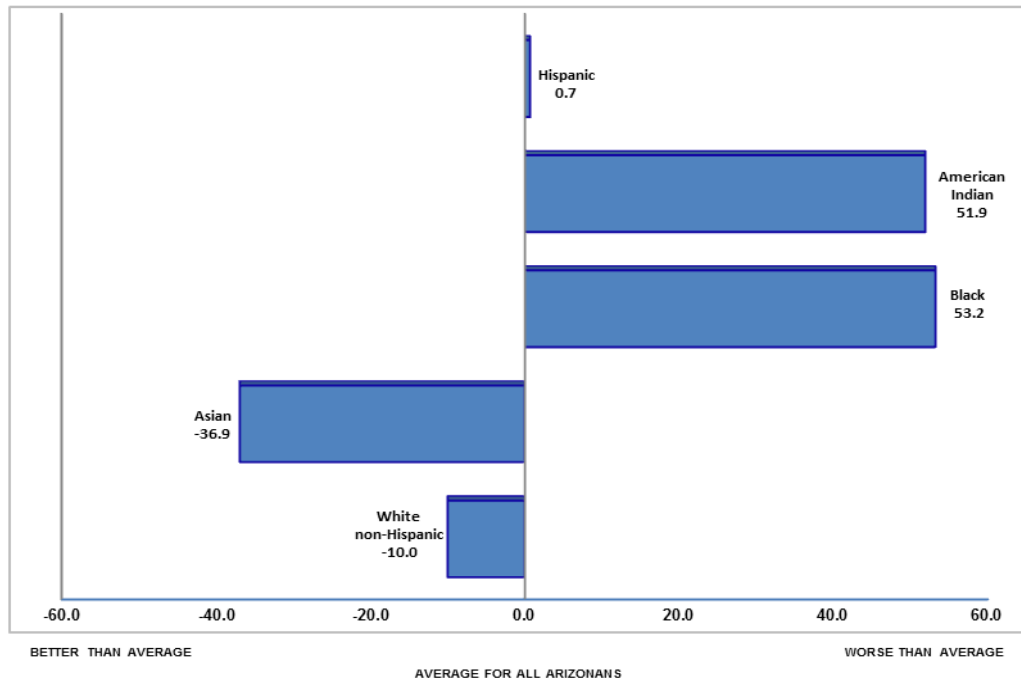


Figure C
Average Scores in 2013

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



ASIANS or PACIFIC ISLANDERS

Average rank: 1.7*

Total score: -2,542.8

Average score: -36.9**

In 2013, Asian residents of Arizona ranked best or second best among all racial/ethnic groups on 57 of 69 indicators, including low incidence of drug or alcohol induced deaths, low postneonatal mortality, and low mortality from reportable diseases, chronic diseases, and injuries. The total mortality rate of 413.4 deaths per 100,000 Asian or Pacific Islander residents of the State was the lowest rate among all racial/ethnic groups. Asians' median age at death was the second highest among the racial/ethnic groups in Arizona in 2013. The 2013 average score of -36.9 for Asian residents was slightly better than their average score of -33.1 in 2011 and indicates Asians' health status remained stable in relation to the health of other racial/ethnic groups.

*The average rank based on all 69 measurements (the sum of the ranks divided by 69 measurements. Ranks range between 1 = the highest rank of health indicators and 5 = the lowest rank of health indicators).

**The average score based on all 69 measurements (the sum of all scores divided by 69 measurements). See section SCORES IN 2013.

WHITE NON-HISPANICS

Average rank: 2.6

Total score: -629.3

Average score: -10.0

White non-Hispanics ranked second best in relative healthiness among racial/ethnic groups in Arizona. They ranked 1st or 2nd on 38 of 69 measures of health, including low teen pregnancy rates, high utilization of prenatal care, and low premature mortality. White non-Hispanics continued to rank worse than all other racial/ethnic groups in mortality due to chronic lower respiratory diseases, drug-induced deaths, and suicide. The overall score of -10.0 in 2013, was similar to their overall score of -10.4 in 2011. The total mortality rate of 693.7 deaths per 100,000 in 2013 was lower than the total mortality rate of 741.5 in 2011.

HISPANICS or LATINOS

Average rank: 2.8

Total score: 46.0

Average score: 0.7

In 2013 Hispanics retained a 3rd place health ranking. The average score of Hispanics decreased from a peak of 14.8 in 2005, 3.1 in 2011, to 0.7 in 2013. Hispanics ranked best or second best on 25 indicators in 2013, an increase from 19 indicators in 2011 and the same as in 2009. They ranked worse than average with diabetes, high teen pregnancy rates, low utilization of prenatal care, and cervical cancer. They ranked better than average with low alcohol and tobacco use among women giving birth, low incidence of death due to chronic lower respiratory diseases, and a low suicide mortality rate. **Comparative Rates and Ratios for 2003-2013** provides a detailed picture of changes over time for all of the 69 measures.

AMERICAN INDIANS or ALASKA NATIVES

Average rank: 3.8

Total score: 3,579.0

Average score: 51.9

In 2013, American Indians in Arizona had the second highest average score among all groups and second poorest rank of overall health status. They ranked 4th or 5th on 43 of the 69 health indicators (**Figure B**) and they exceeded the statewide averages by a wider margin than any other group except Blacks (**Figure C**). American Indians had relatively poor values on a number of health indicators including incidence of alcohol use during pregnancy, infant mortality, chronic liver disease and cirrhosis, diabetes, motor vehicle accidents, and mortality from unintentional injuries, contributing to a high premature death rate. American Indians also ranked poorly on measures of maternal lifestyle and health, as well as in utilization of prenatal care. In 2013, compared to White non-Hispanics, American Indian residents of Arizona were on-average 19 years younger at time of death.

BLACKS or AFRICAN AMERICANS

Average rank: 4.1

Total score: 3,668.2

Average score: 53.2

Compared to the average score of 87.0 for Arizona Black or African American residents in 2001, their scores from 2003 - 2013 were substantially lower. Despite this improvement, Blacks or African Americans had the lowest rank of overall health status because they ranked 4th or 5th among the five racial/ethnic groups on 52 of 69 measures (see **Figure B**). High mortality among children and middle-aged adults, high ratios of low birthweight and preterm births, high incidence of many reportable diseases, high mortality rates for almost all of the leading causes of death, and a high rate of premature death all lowered the ranking for this population group. However, Blacks or African Americans ranked better than average with low mortality rates from cervical cancer, chronic liver disease and cirrhosis, and fall-related injuries. They also had low rates of diabetes during pregnancy and no prenatal care.

COMPARATIVE CAUSE-SPECIFIC

In 2013, cancer was the leading cause of death for three of the five racial/ethnic groups in Arizona: Asians or Pacific Islanders, Hispanics or Latinos and White non-Hispanics (**Figure D**). Diseases of the heart were the number one cause among American Indian or Alaska Natives and Blacks or African Americans. Unintentional injury was the third leading cause of death only for American Indians but came in 4th for Hispanics or Latinos and White non-Hispanics. For Asians, stroke was the 3rd leading cause of death and 4th for Blacks in 2013. Diabetes was among the top five causes of death among American Indians, Blacks, and Hispanics. While Alzheimer's disease was the fifth leading cause of death among Asians, Blacks, and White non-Hispanics in 2011, in 2013 it remained 5th for Asians, Hispanics, and White non-Hispanics. Chronic liver disease and cirrhosis continued to be the fifth leading cause of death specific to American Indians. Chronic lower respiratory diseases were the third leading cause of death for White non-Hispanics, 4th for Asians and 5th for Blacks.

Figure D
Comparative Age-Adjusted Mortality Rates for the Five Leading Causes of Death
by Race/Ethnicity in Arizona in 2013

Rank	Asian or Pacific Islander	American Indian or Alaska Native	Black or African American	Hispanic or Latino	White non-Hispanic
1	Cancer 100.1	Diseases of heart 122.9	Diseases of heart 200.5	Cancer 129.8	Cancer 154.3
2	Diseases of heart 82.5	Cancer 118.2	Cancer 190.4	Diseases of heart 116.1	Diseases of heart 147.6
3	Stroke 30.7	Unintentional injury 104.5	Diabetes 60.2	Diabetes 40.7	Chronic lower respiratory diseases 49.3
4	Chronic lower respiratory diseases 19.4	Diabetes 65.7	Stroke 54.4	Unintentional injury 38.5	Unintentional injury 47.9
5	Alzheimer's disease 18.2	Chronic liver disease and cirrhosis 62.0	Chronic lower respiratory diseases 46.7	Alzheimer's disease 35.6	Alzheimer's disease 33.4

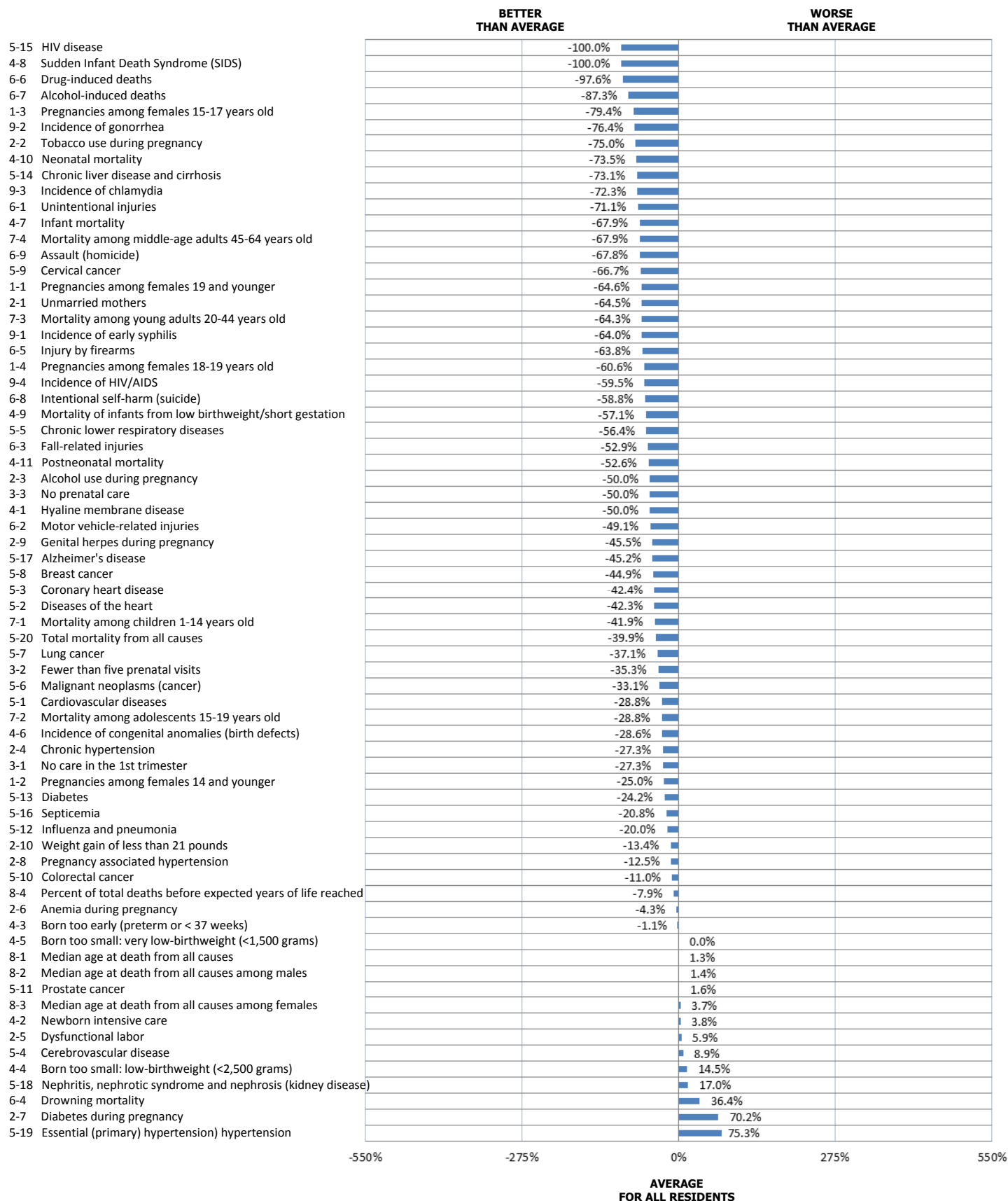
COMPARATIVE RATES AND RATIOS FOR 2003 and 2013

The 138 bar charts provide both a snapshot of differences between the racial/ethnic groups in Arizona in 2013, as well as a measure of change since 2003. More detailed comparisons over time are available in a special section of the report (**Comparative Rates and Ratios for 2003 – 2013**) that documents specific changes by year from 2003 through 2013 on the 69 health status measures by racial/ethnic group.

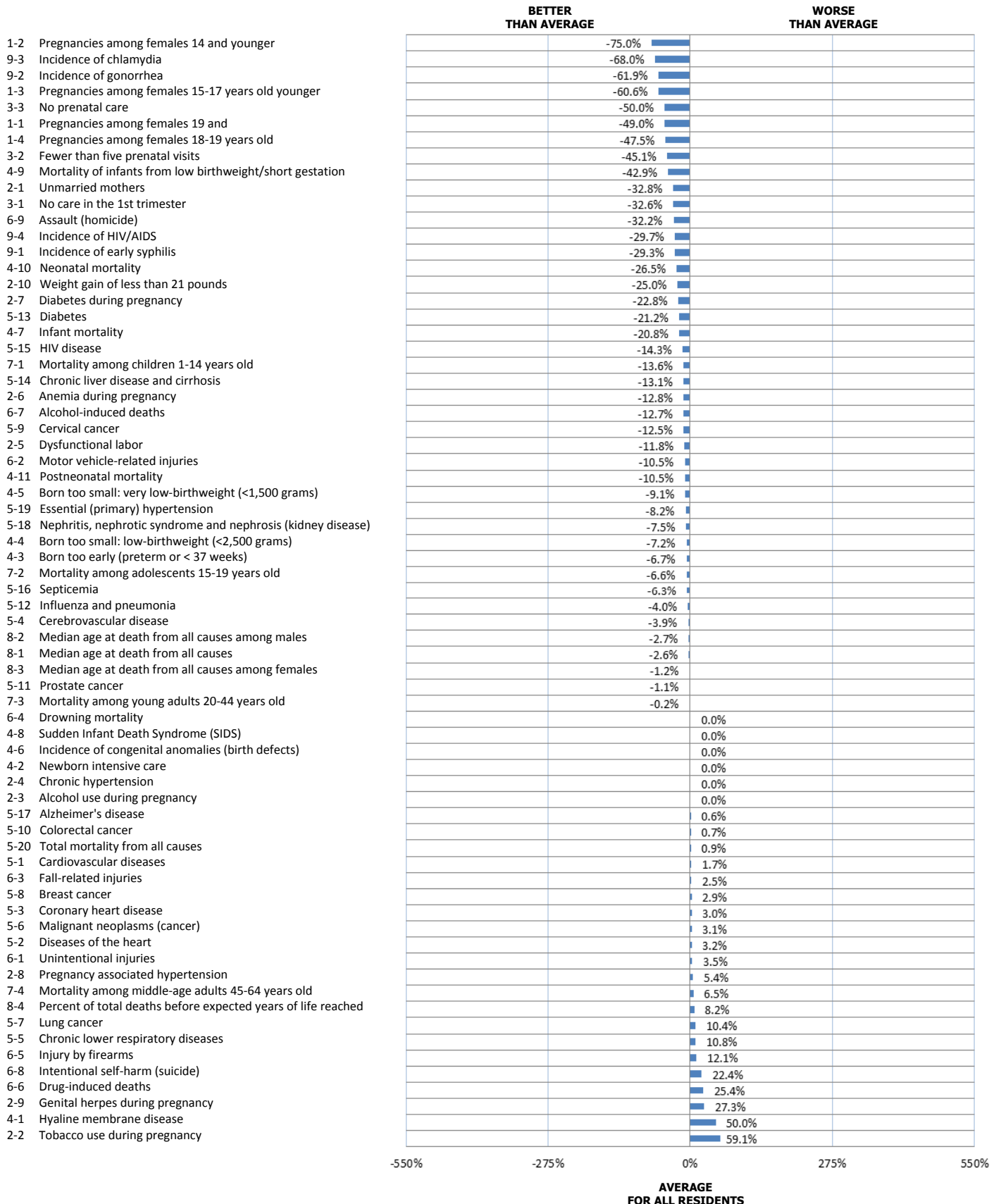
RISK PROFILES

Risk profiles presented on the following pages summarize how each racial/ethnic group compares to the State average for the entire set of measures of health status. These profiles use scores developed to describe the level of each of the 69 measures for each racial/ethnic group relative 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 racial/ethnic group.

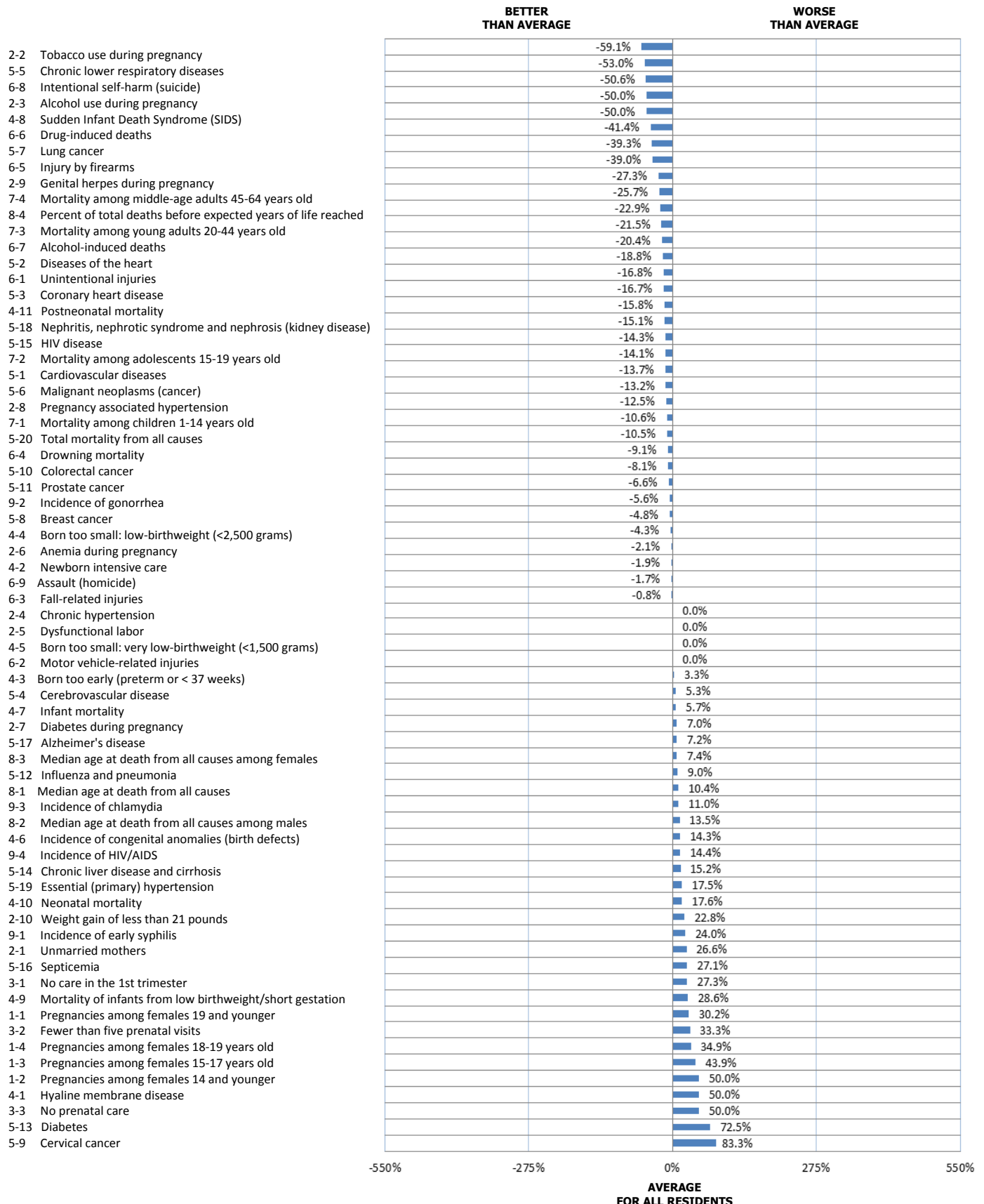
Risk Profile of Asians or Pacific Islanders (Percent above or below the State mean)



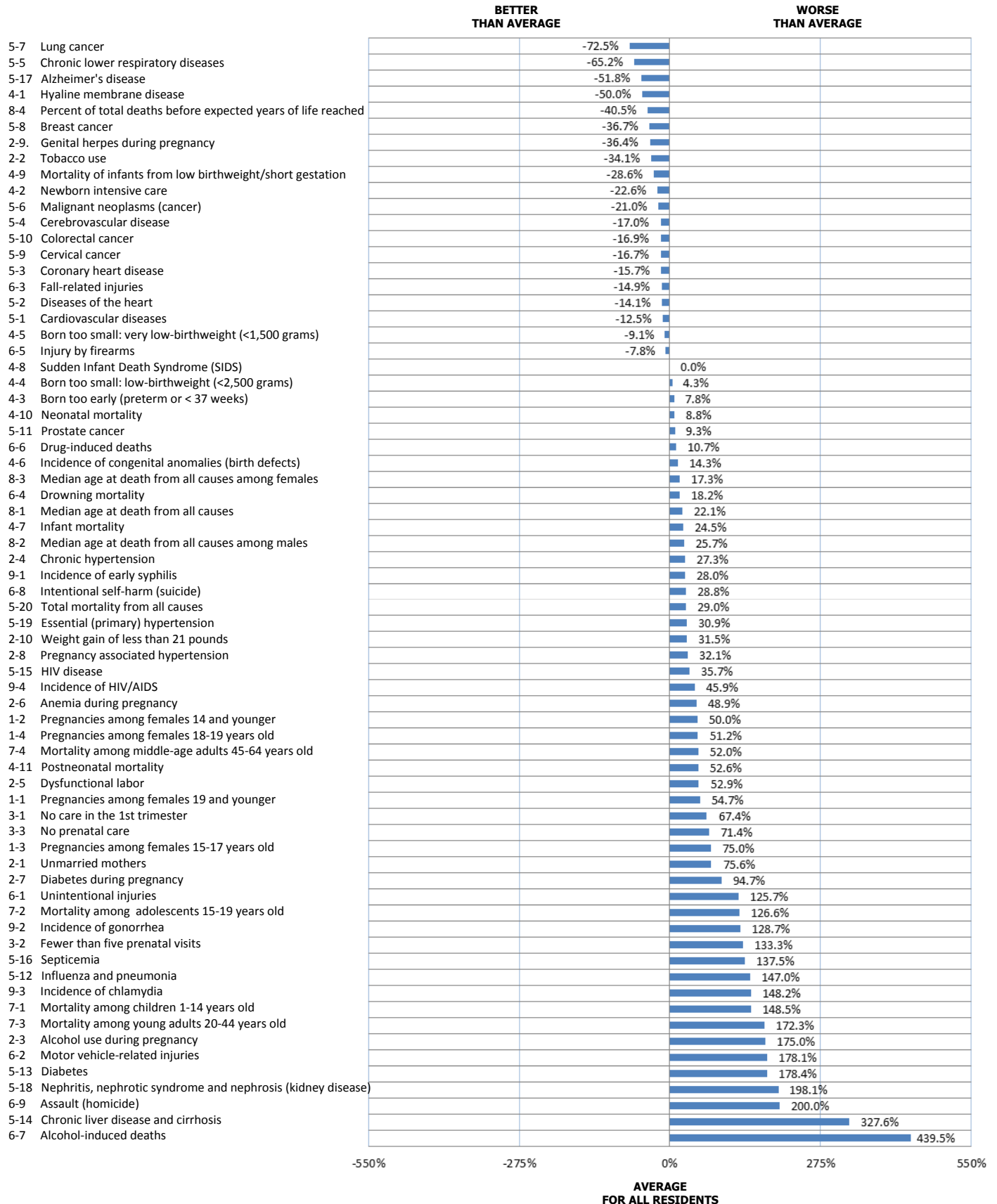
Risk Profile of White non-Hispanics (Percent above or below the State mean)



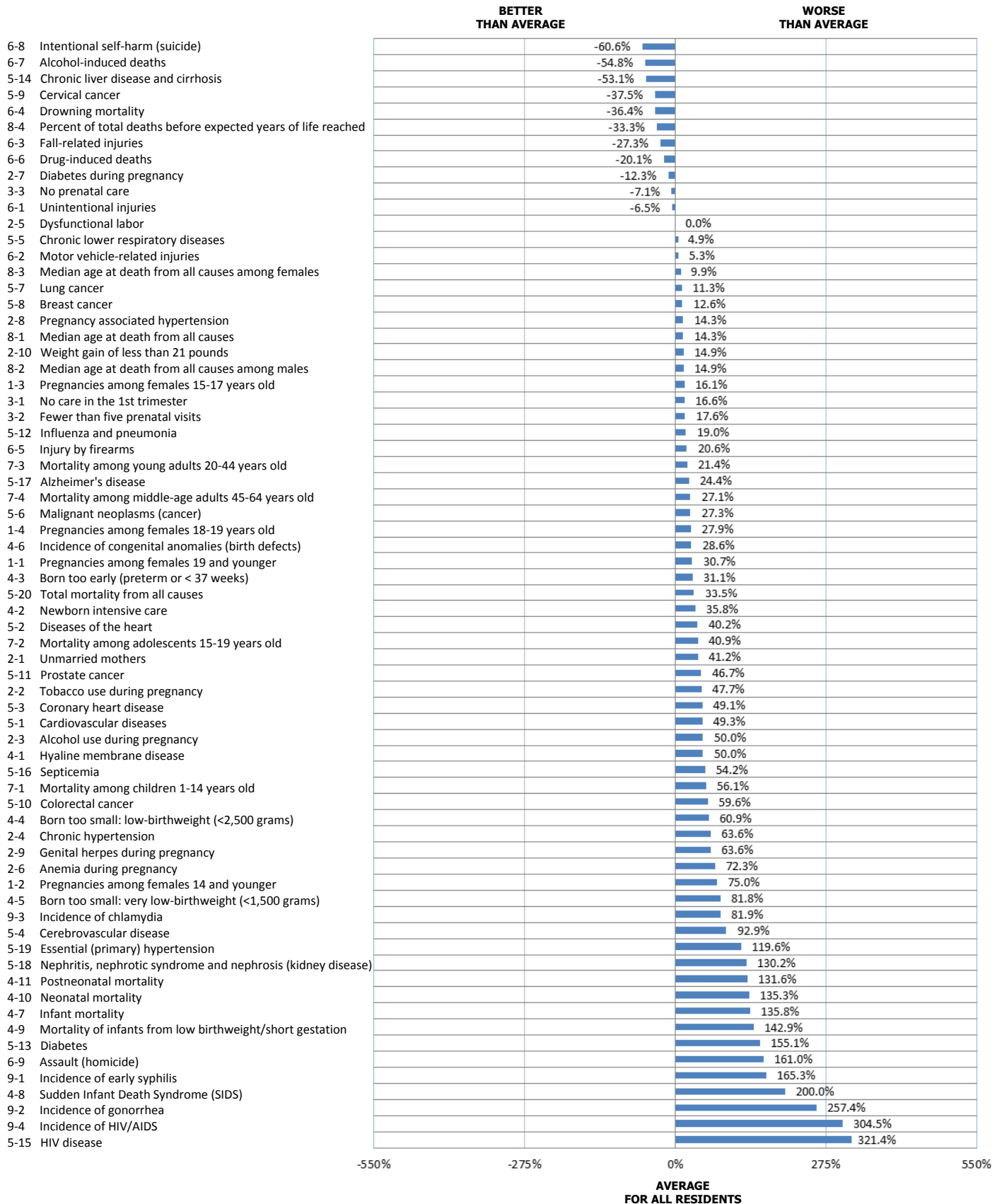
Risk Profile of Hispanics or Latinos (Percent above or below the State mean)



Risk Profile of American Indians or Alaska Natives (Percent above or below the State mean)



Risk Profile of Blacks or African Americans (Percent above or below the State mean)



COMPARATIVE MEASURES OF HEALTH STATUS BY RACE/ETHNICITY IN 2013

1

Teen Pregnancies

1-1 Pregnancies Among Females 19 or Younger

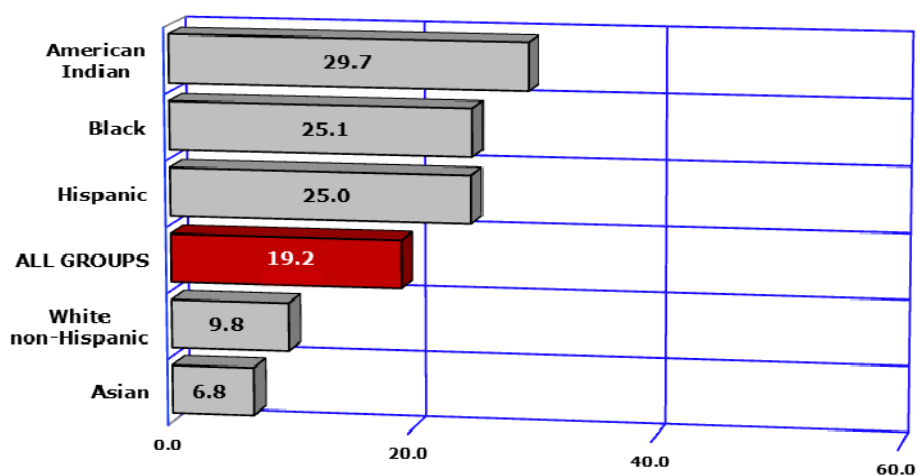
1-2 Pregnancies Among Females 14 or Younger

1-3 Pregnancies Among Females 15-17 Years Old

1-4 Pregnancies Among Females 18-19 Years Old

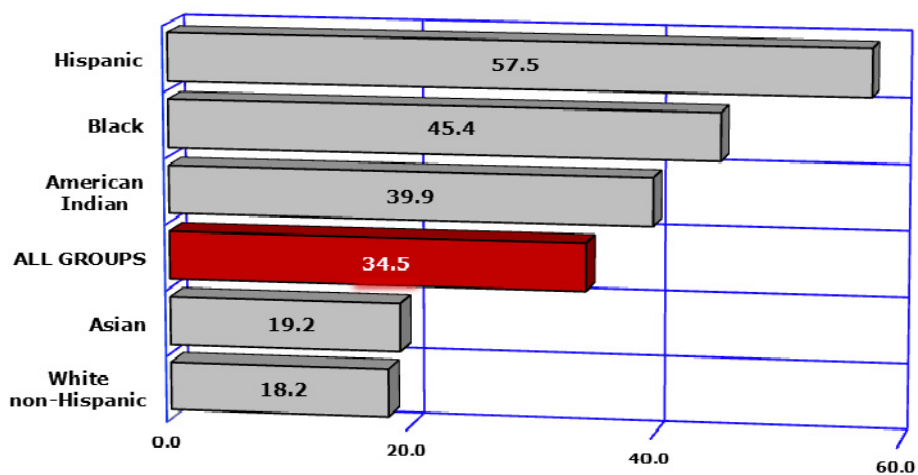
1-1 PREGNANCIES AMONG FEMALES 19 OR YOUNGER

2013



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

2003



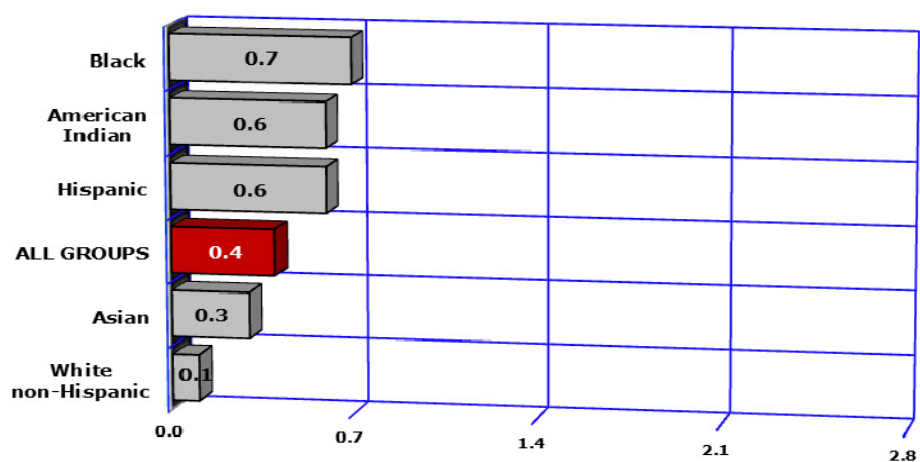
Note: Number of pregnancies per 1,000 females 10-19 years old in specified group.

COMPARATIVE RATES FOR 2003 AND 2013

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
2003	34.5	18.2	57.5	45.4	39.9	19.2
2013	19.2	9.8	25.0	25.1	29.7	6.8
% change from 2003	-44.3	-46.2	-56.5	-44.7	-25.6	-64.6

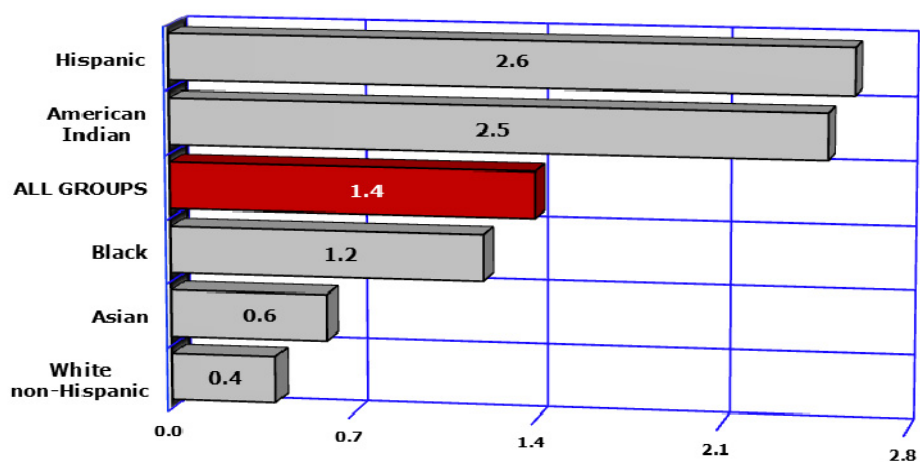
1-2 PREGNANCIES AMONG FEMALES 14 OR YOUNGER

2013



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

2003

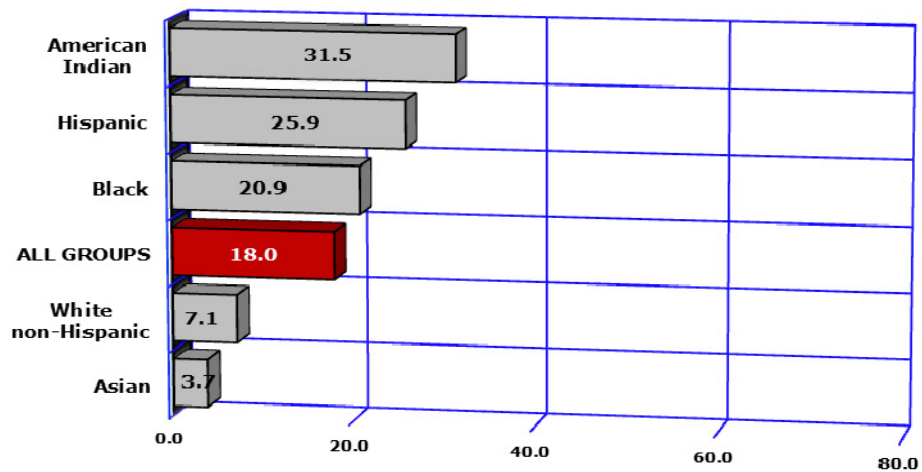


Note: Number of pregnancies per 1,000 females 10-14 years old in specified group.

COMPARATIVE RATES FOR 2003 AND 2013						
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
2003	1.4	0.4	2.6	1.2	2.5	0.6
2013	0.4	0.1	0.6	0.7	0.6	0.3
% change from 2003	-71.4	-75.0	-76.9	-41.7	-76.0	-50.0

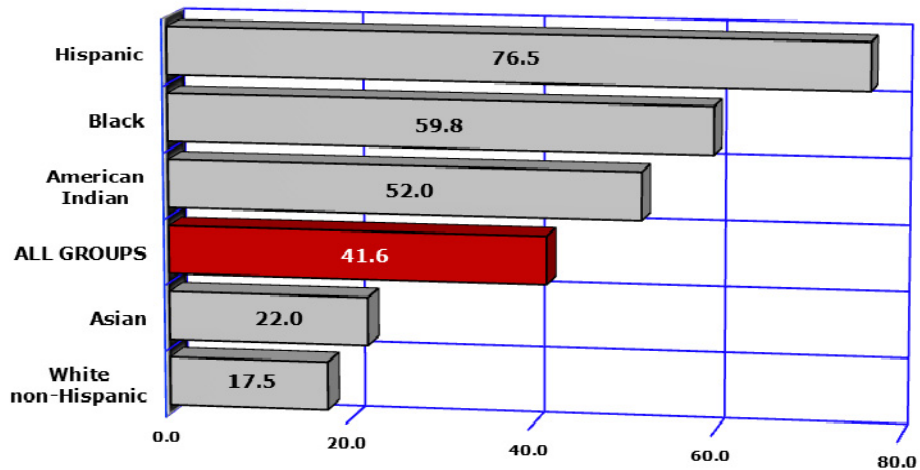
1-3 PREGNANCIES AMONG FEMALES 15-17 YEARS OLD

2013



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

2003



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

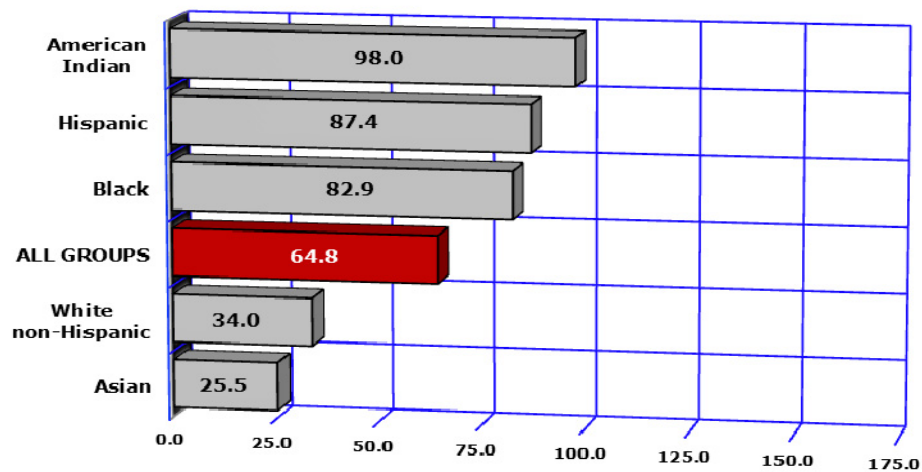
COMPARATIVE RATES FOR 2003 AND 2013

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
2003	41.6	17.5	76.5	59.8	52.0	22.0
2013	18.0	7.1	25.9	20.9	31.5	3.7
% change from 2003	-56.7	-59.4	-66.1	-65.1	-39.4	-83.2

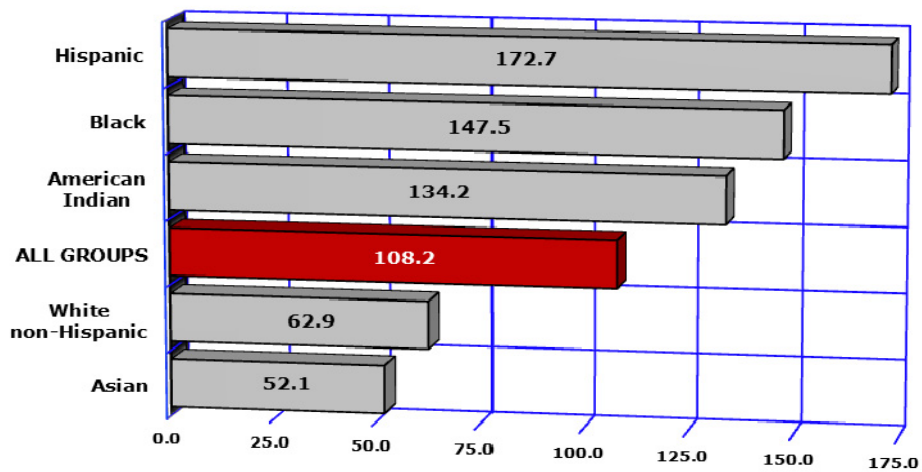
1-4 PREGNANCIES AMONG FEMALES 18-19 YEARS OLD

2013



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

2003



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

COMPARATIVE RATES FOR 2003 AND 2013

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
2003	108.2	62.9	172.7	147.5	134.2	52.1
2013	64.8	34.0	87.4	82.9	98.0	25.5
% change from 2003	-40.1	-45.9	-49.4	-43.8	-27.0	-51.1

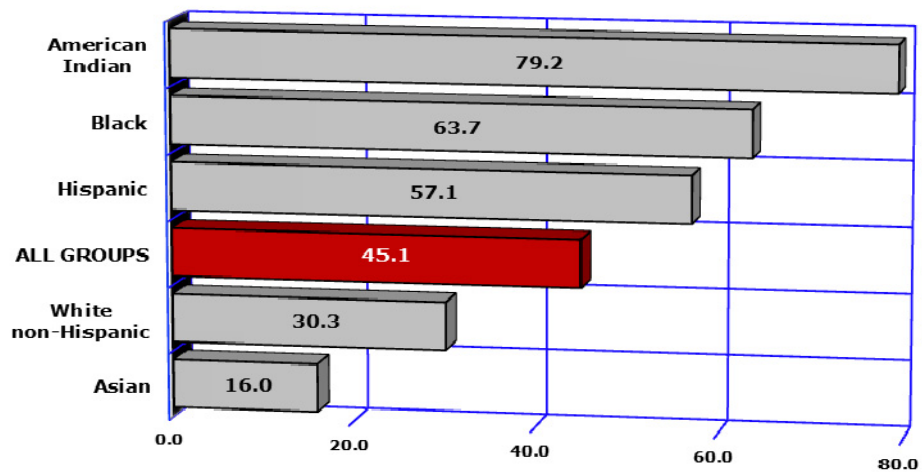
2

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**

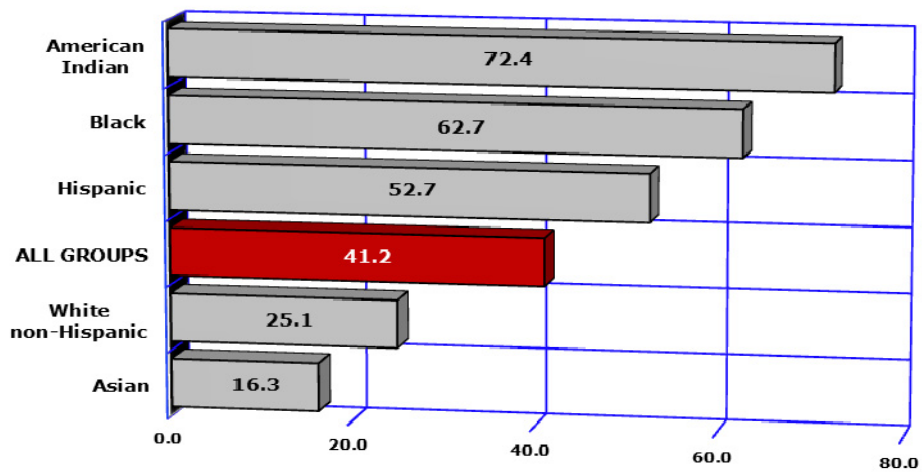
2-1 UNMARRIED MOTHERS

2013



Note: Per 100 live births.

2003



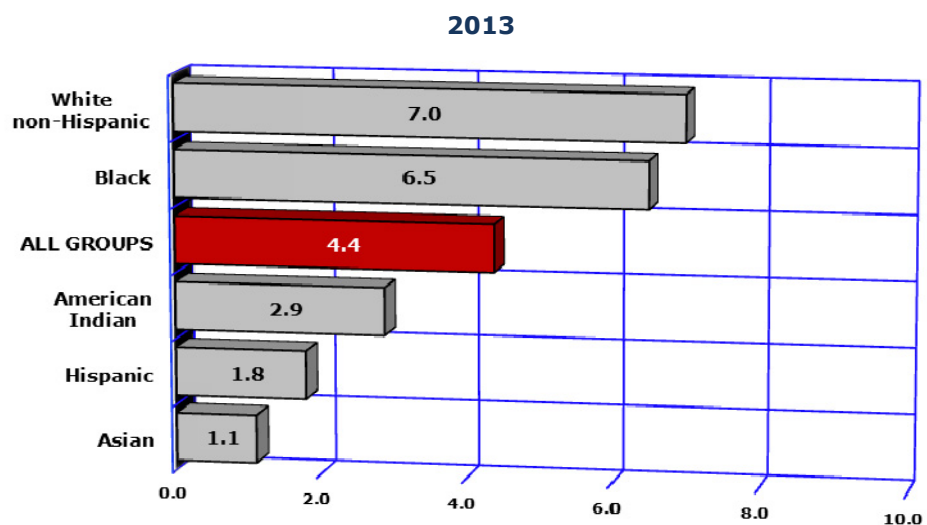
Note: Per 100 live births.

COMPARATIVE RATES FOR 2003 AND 2013

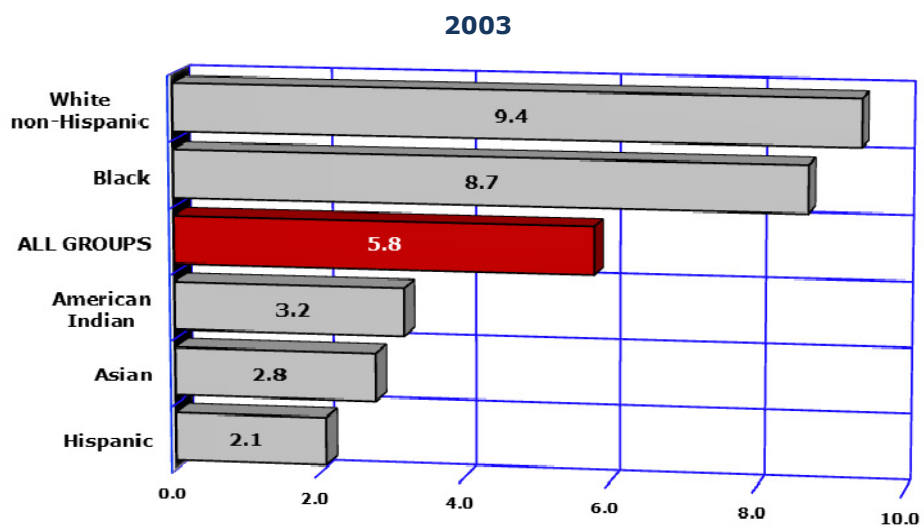
Per 100 births by race/ethnicity

Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2003	41.2	25.1	52.7	62.7	72.4	16.3
2013	45.1	30.3	57.1	63.7	79.2	16.0
% change from 2003	9.5	20.7	8.3	1.6	9.4	-1.8

2-2 TOBACCO USE DURING PREGNANCY



Note: Per 100 live births.

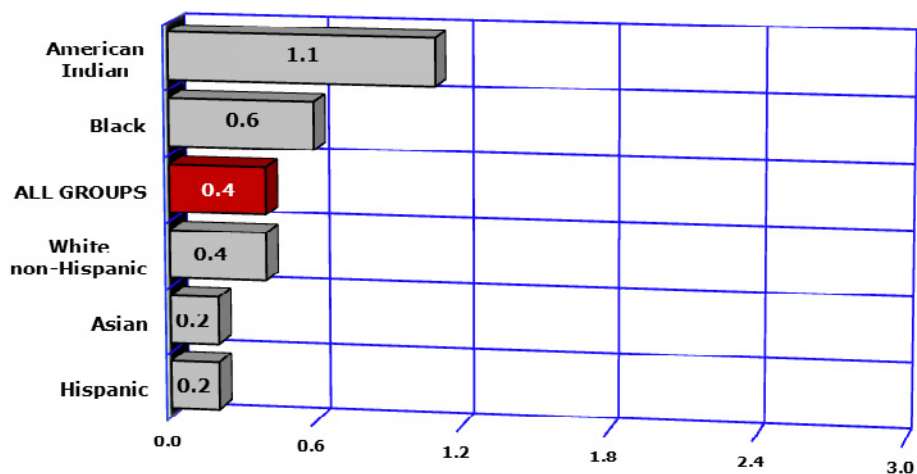


Note: Per 100 live births.

COMPARATIVE RATES FOR 2003 AND 2013						
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
2003	5.8	9.4	2.1	8.7	3.2	2.8
2013	4.4	7.0	1.8	6.5	2.9	1.1
% change from 2003	-24.1	-25.5	-14.3	-25.3	-9.4	-60.7

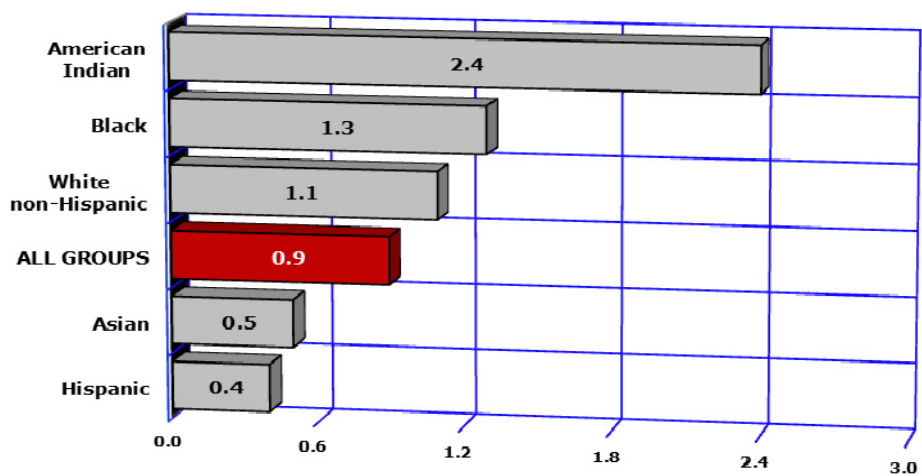
2-3 ALCOHOL USE DURING PREGNANCY

2013



Note: Per 100 live births.

2003



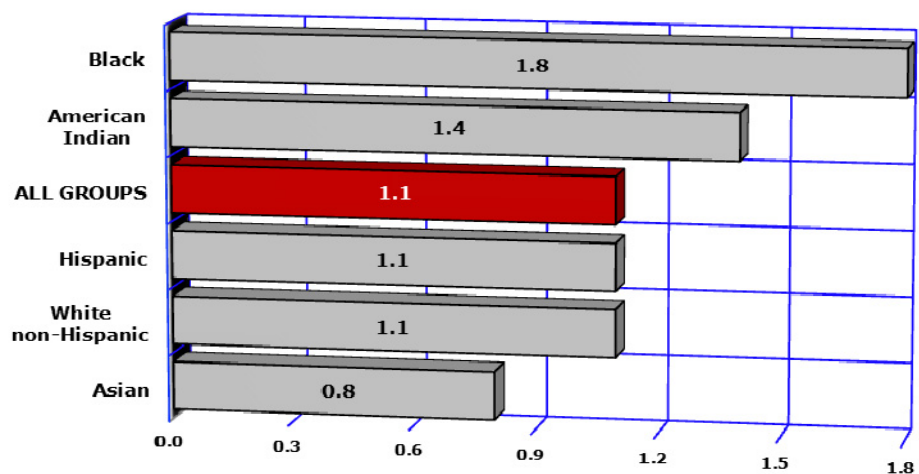
Note: Per 100 live births.

COMPARATIVE RATES FOR 2003 AND 2013

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
2003	0.9	1.1	0.4	1.3	2.4	0.5
2013	0.4	0.4	0.2	0.6	1.1	0.2
% change from 2003	-55.6	-63.6	-50.0	-53.8	-54.2	-60.0

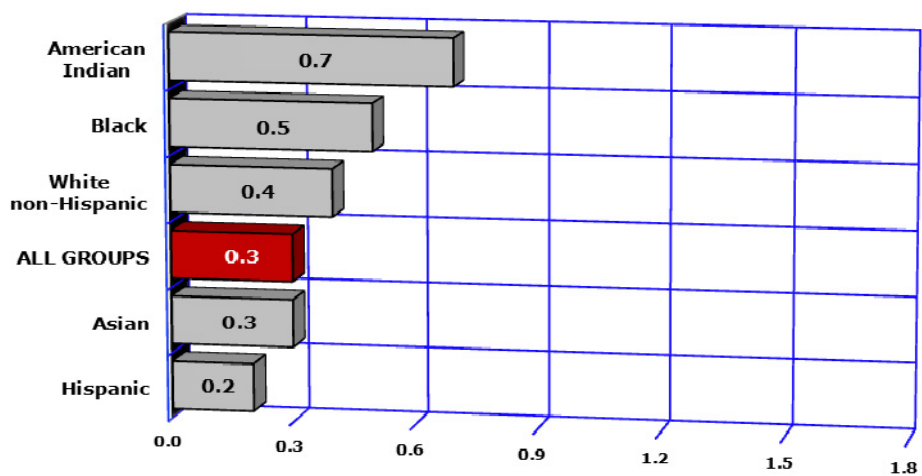
2-4 CHRONIC HYPERTENSION

2013



Note: Per 100 live births.

2003



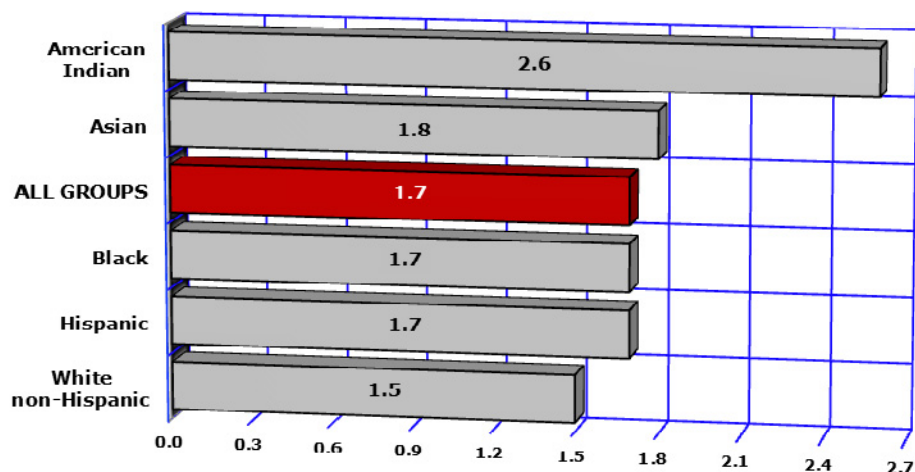
Note: Per 100 live births.

COMPARATIVE RATES FOR 2003 AND 2013

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
2003	0.3	0.4	0.2	0.5	0.7	0.3
2013	1.1	1.1	1.1	1.8	1.4	0.8
% change from 2003	266.7	175.0	450.0	260.0	100.0	166.7

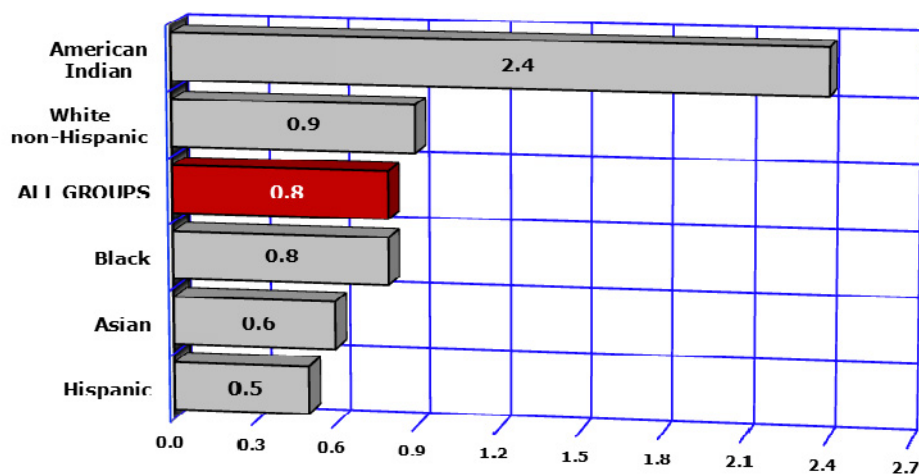
2-5 DYSFUNCTIONAL LABOR

2013



Note: Per 100 live births.

2003



Note: Per 100 live births.

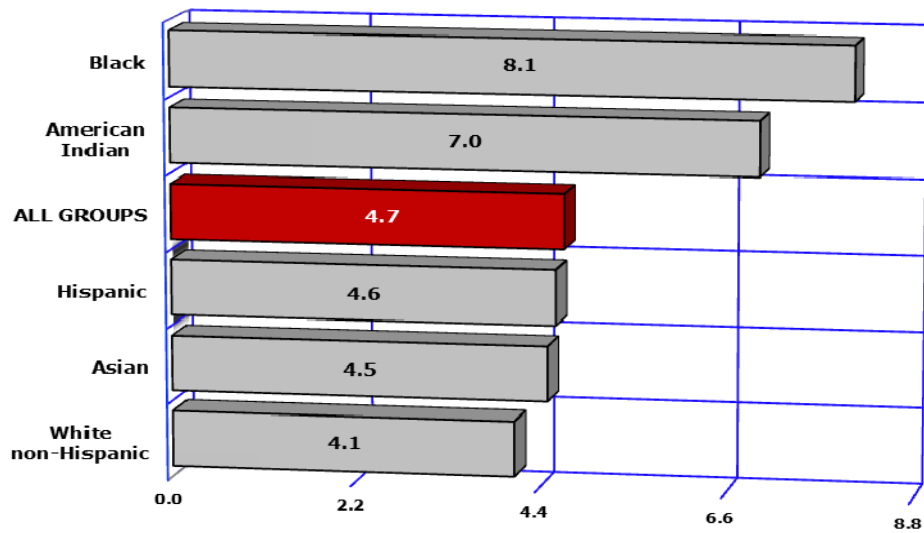
COMPARATIVE RATES FOR 2003 AND 2013

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
2003	0.8	0.9	0.5	0.8	2.4	0.6
2013	1.7	1.5	1.7	1.7	2.6	1.8
% change from 2003	112.5	66.7	240.0	112.5	8.3	200.0

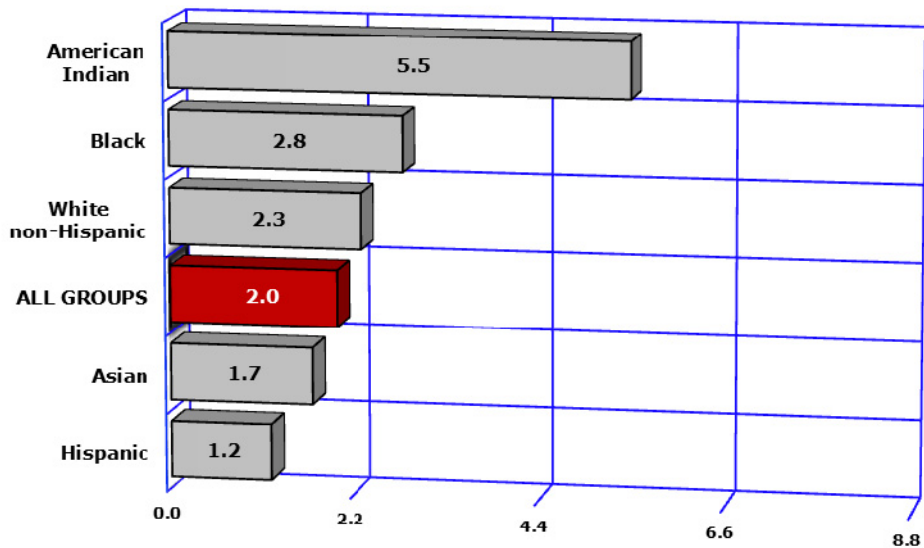
2-6 ANEMIA DURING PREGNANCY

2013



Note: Per 100 live births.

2003



Note: Per 100 live births.

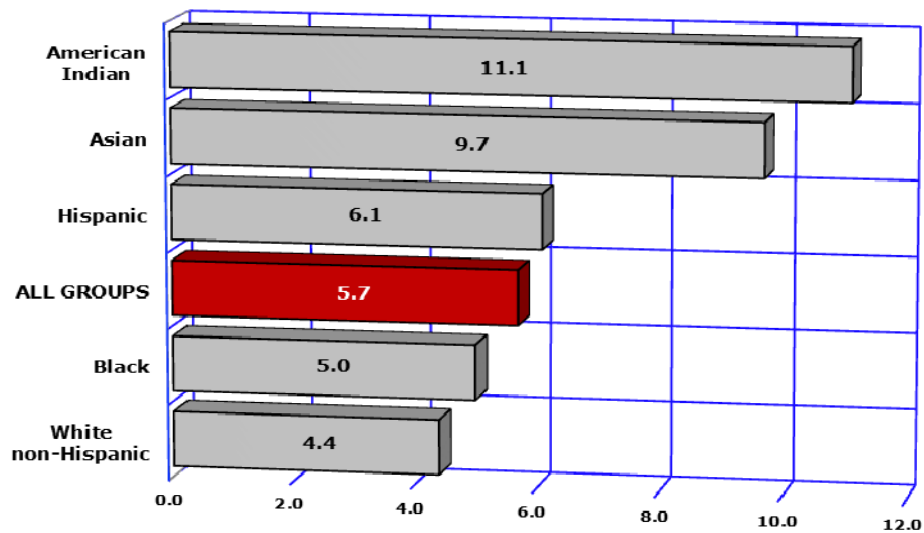
COMPARATIVE RATES FOR 2003 AND 2013

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
2003	2.0	2.3	1.2	2.8	5.5	1.7
2013	4.7	4.1	4.6	8.1	7.0	4.5
% change from 2003	135.0	78.3	283.3	189.3	27.3	164.7

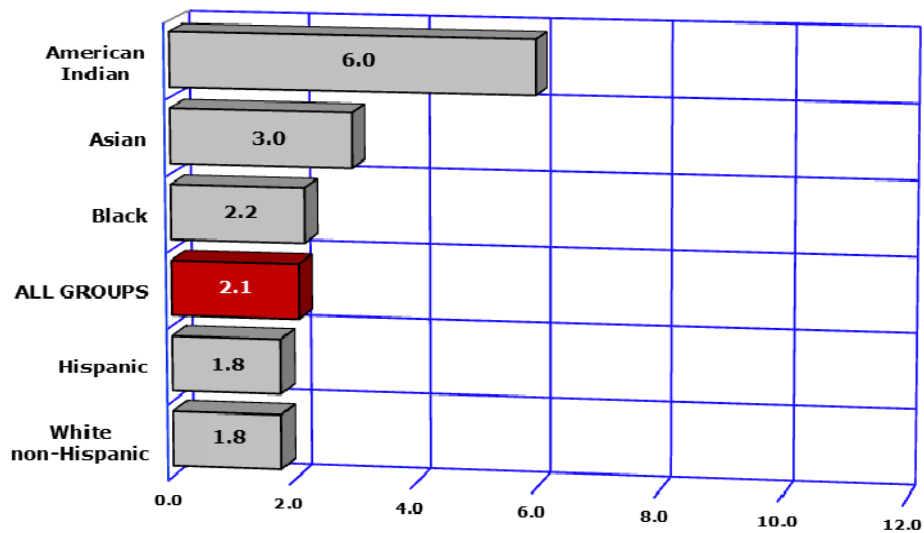
2-7 DIABETES DURING PREGNANCY

2013



Note: Per 100 live births.

2003



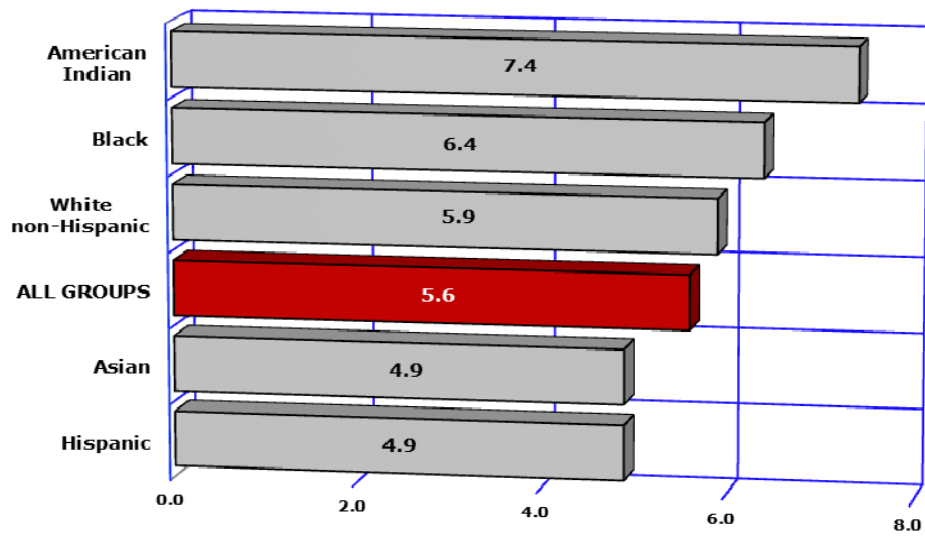
Note: Per 100 live births.

COMPARATIVE RATES FOR 2003 AND 2013

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
2003	2.1	1.8	1.8	2.2	6.0	3.0
2013	5.7	4.4	6.1	5.0	11.1	9.7
% change from 2003	171.4	144.4	238.9	127.3	85.0	223.3

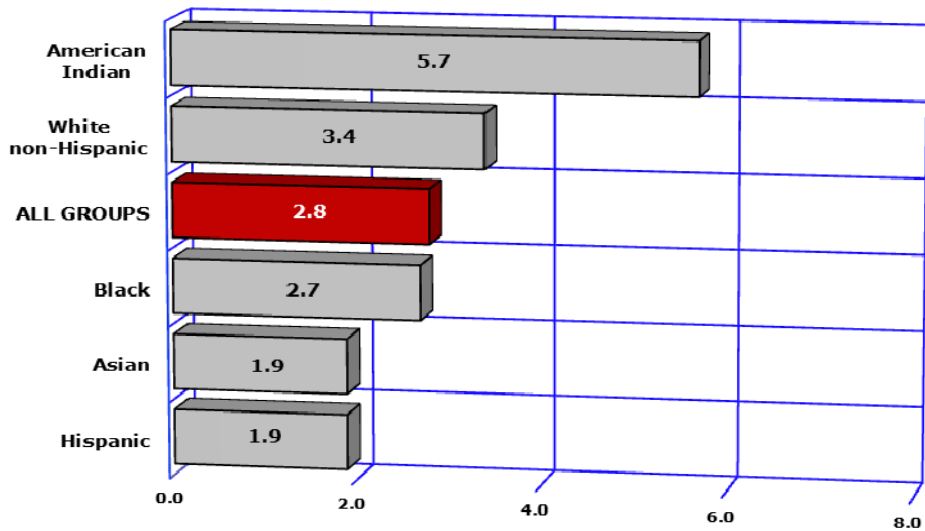
2-8 PREGNANCY-ASSOCIATED HYPERTENSION

2013



Note: Per 100 live births.

2003



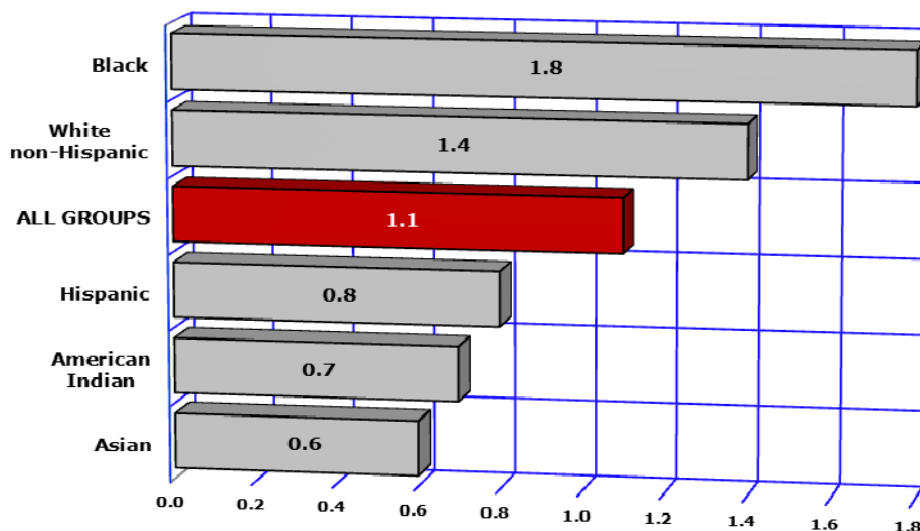
Note: Per 100 live births.

COMPARATIVE RATES FOR 2003 AND 2013

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
2003	2.8	3.4	1.9	2.7	5.7	1.9
2013	5.6	5.9	4.9	6.4	7.4	4.9
% change from 2003	100.0	73.5	157.9	137.0	29.8	157.9

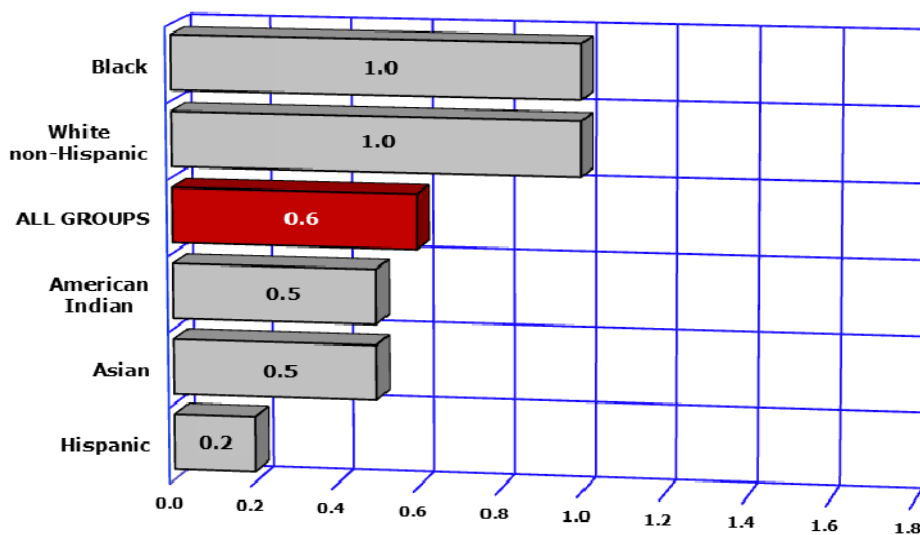
2-9 GENITAL HERPES DURING PREGNANCY

2013



Note: Per 100 live births.

2003



Note: Per 100 live births.

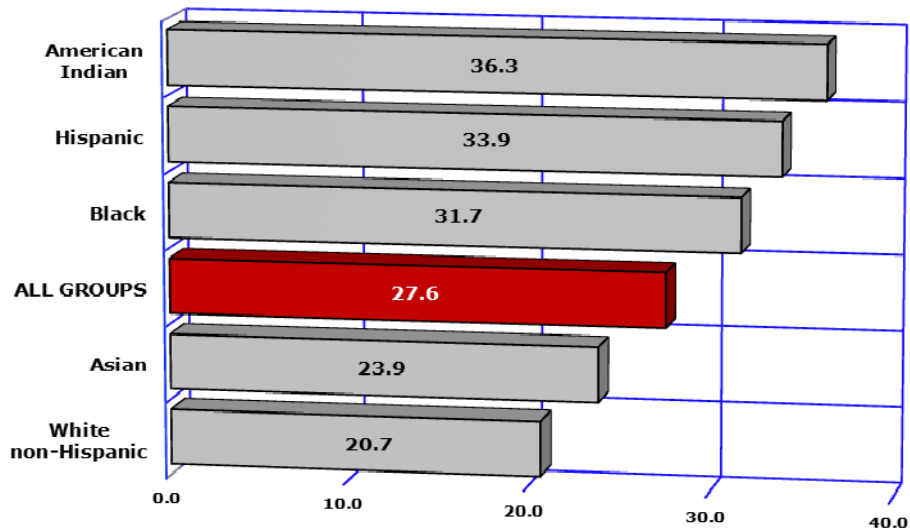
COMPARATIVE RATES FOR 2003 AND 2013

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
2003	0.6	1.0	0.2	1.0	0.5	0.5
2013	1.1	1.4	0.8	1.8	0.7	0.6
% change from 2003	83.3	40.0	300.0	80.0	40.0	20.0

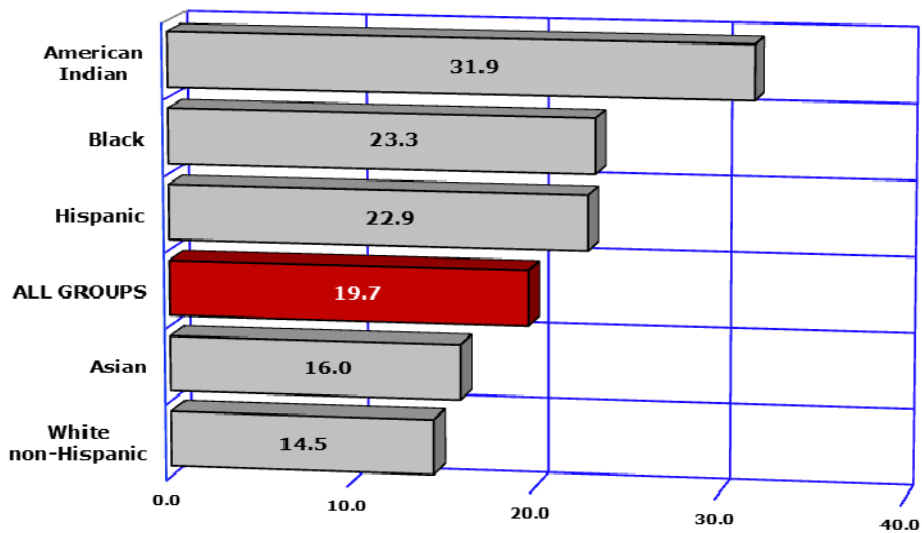
2-10 WEIGHT GAIN OF LESS THAN 21 POUNDS

2013



Note: Per 100 live births.

2003



Note: Per 100 live births.

COMPARATIVE RATES FOR 2003 AND 2013

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
2003	19.7	14.5	22.9	23.3	31.9	16.0
2013	27.6	20.7	33.9	31.7	36.3	23.9
% change from 2003	40.1	42.8	48.0	36.1	13.8	49.4

3 Utilization of Prenatal Care Services

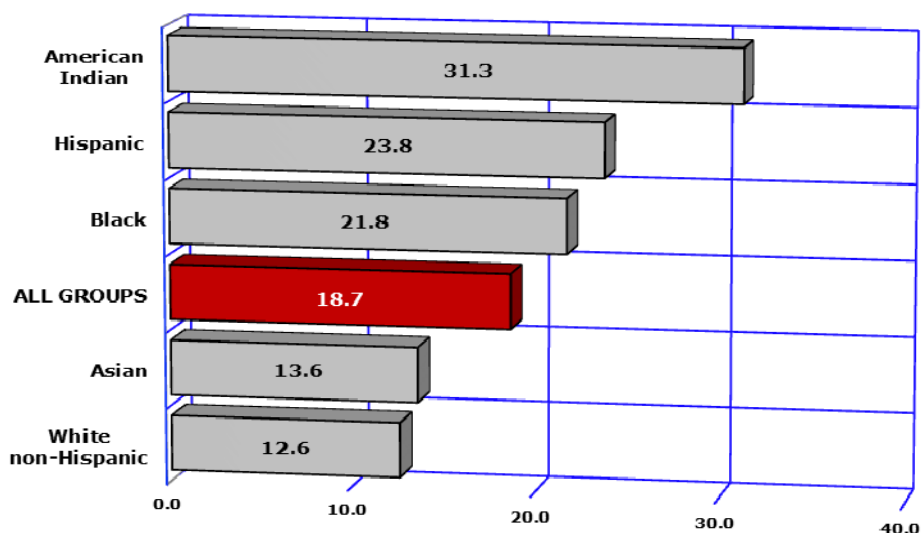
3-1 No Care in the 1st Trimester

3-2 Fewer Than Five Prenatal Visits

3-3 No Prenatal Care

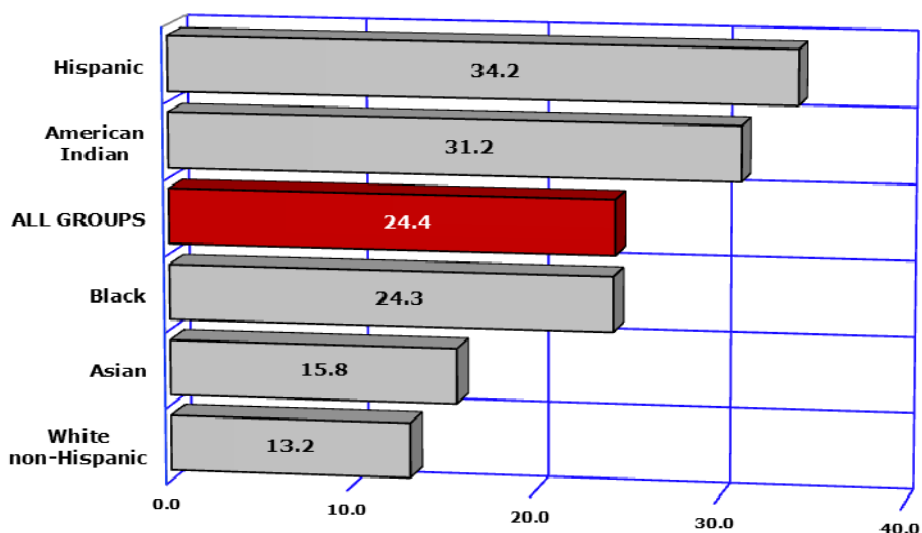
3-1 NO CARE IN THE 1ST TRIMESTER

2013



Note: Per 100 live births.

2003



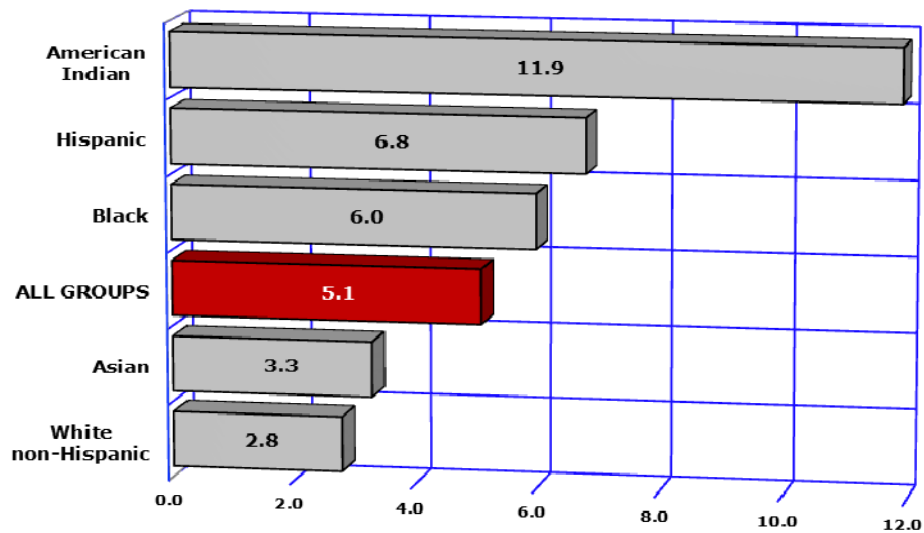
Note: Per 100 live births.

COMPARATIVE RATES FOR 2003 AND 2013

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
2003	24.4	13.2	34.2	24.3	31.2	15.8
2013	18.7	12.6	23.8	21.8	31.3	13.6
% change from 2003	-23.4	-4.5	-30.4	-10.3	0.3	-13.9

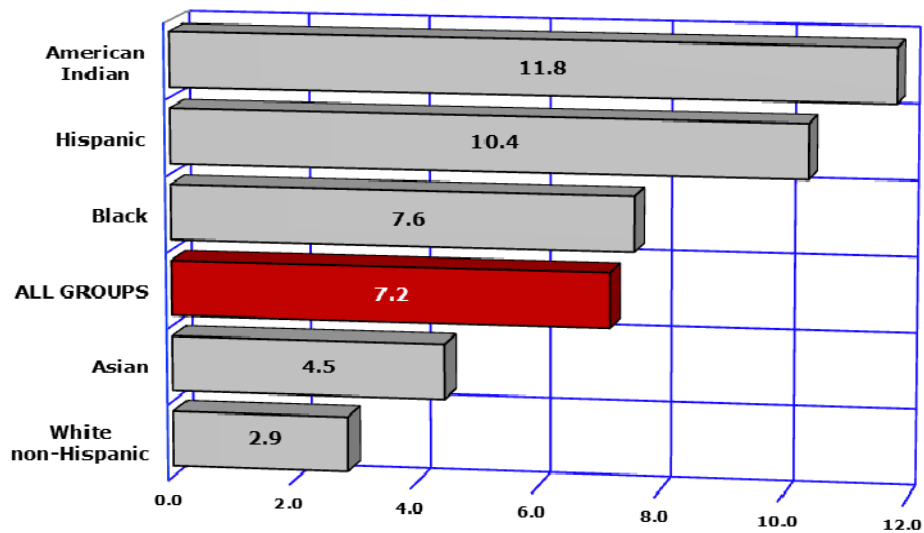
3-2 FEWER THAN 5 PRENATAL VISITS

2013



Note: Per 100 live births.

2003



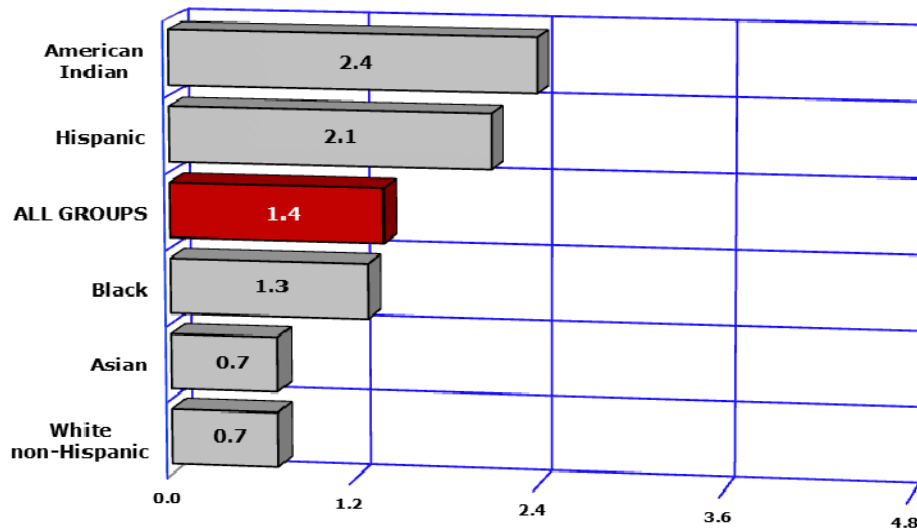
Note: Per 100 live births.

COMPARATIVE RATES FOR 2003 AND 2013

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
2003	7.2	2.9	10.4	7.6	11.8	4.5
2013	5.1	2.8	6.8	6.0	11.9	3.3
% change from 2003	-29.2	-3.4	-34.6	-21.1	0.8	-26.7

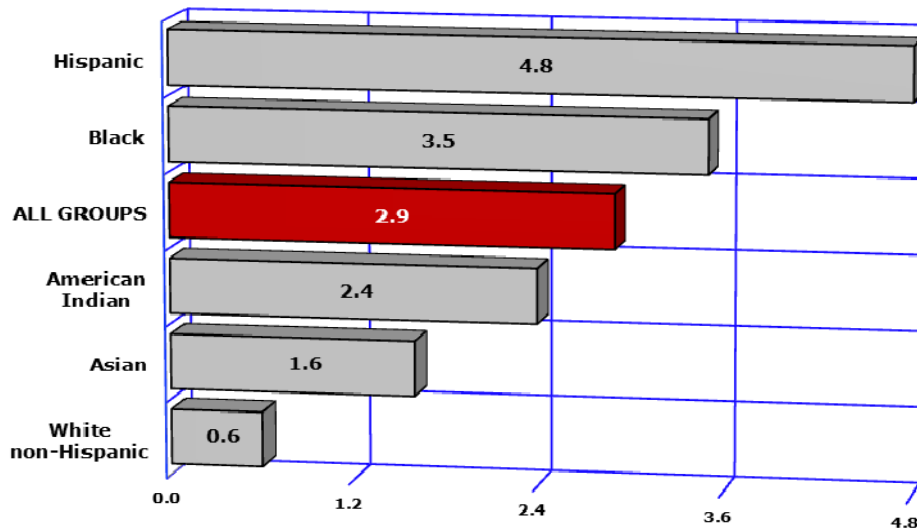
3-3 NO PRENATAL CARE

2013



Note: Per 100 live births.

2003



Note: Per 100 live births.

COMPARATIVE RATES FOR 2003 AND 2013

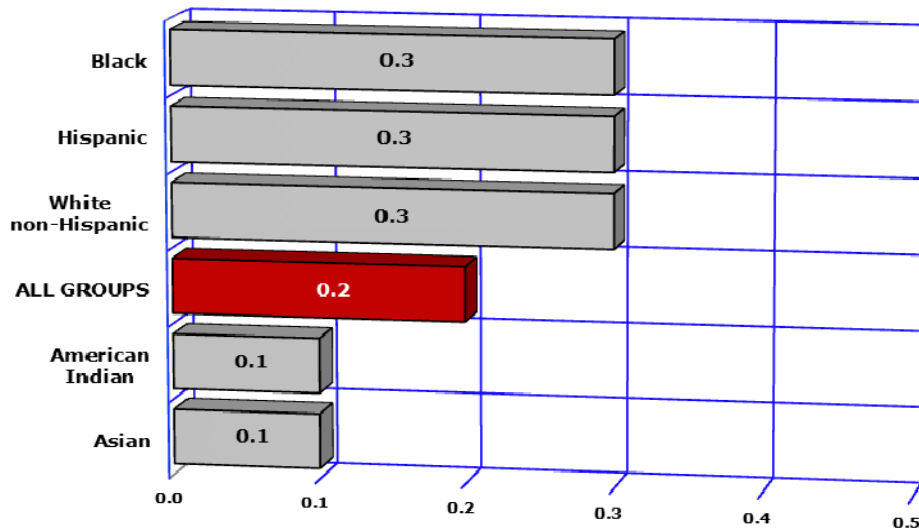
Per 100 births by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2003	2.9	0.6	4.8	3.5	2.4	1.6
2013	1.4	0.7	2.1	1.3	2.4	0.7
% change from 2003	-51.7	16.7	-56.3	-62.9	0.0	-56.3

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**

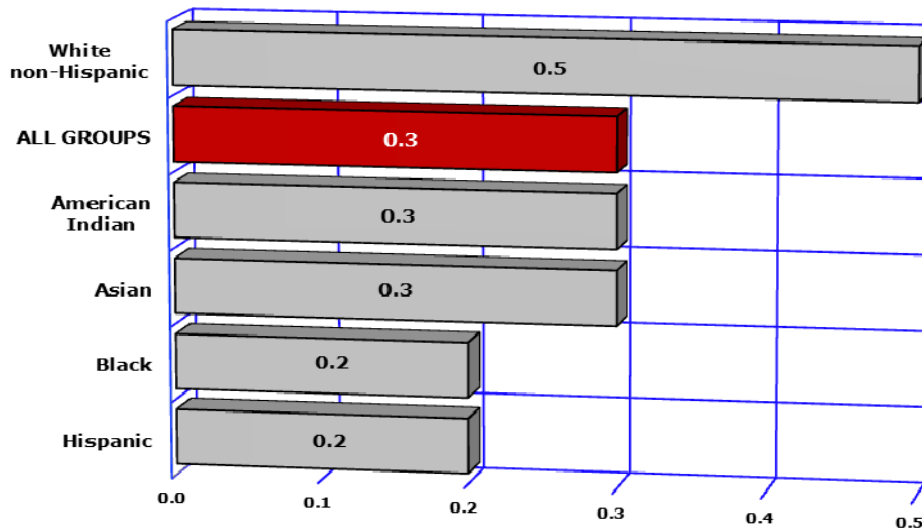
4-1 INCIDENCE OF HYALINE MEMBRANE DISEASE

2013



Note: Per 100 live births.

2003



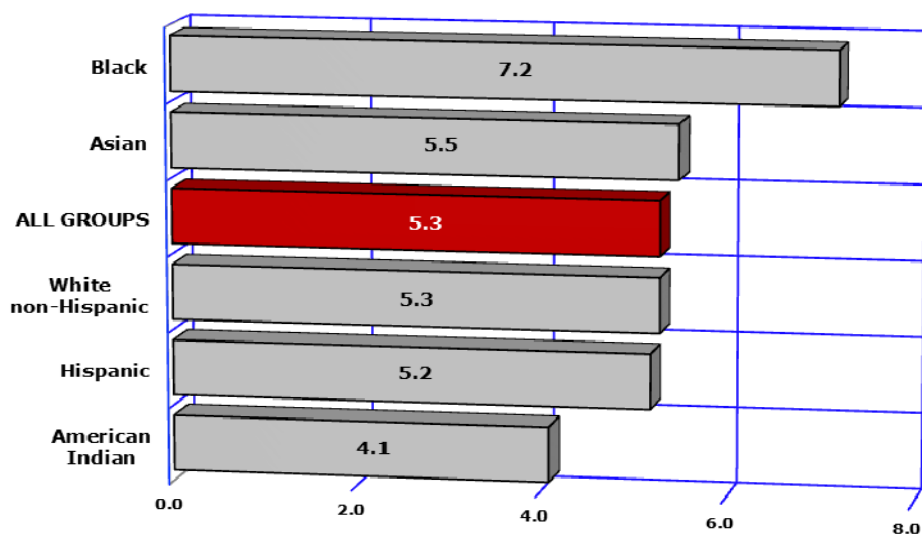
Note: Per 100 live births.

COMPARATIVE RATES FOR 2003 AND 2013

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
2003	0.3	0.5	0.2	0.2	0.3	0.3
2013	0.2	0.3	0.3	0.3	0.1	0.1
% change from 2003	-33.3	-40.0	50.0	50.0	-66.7	-66.7

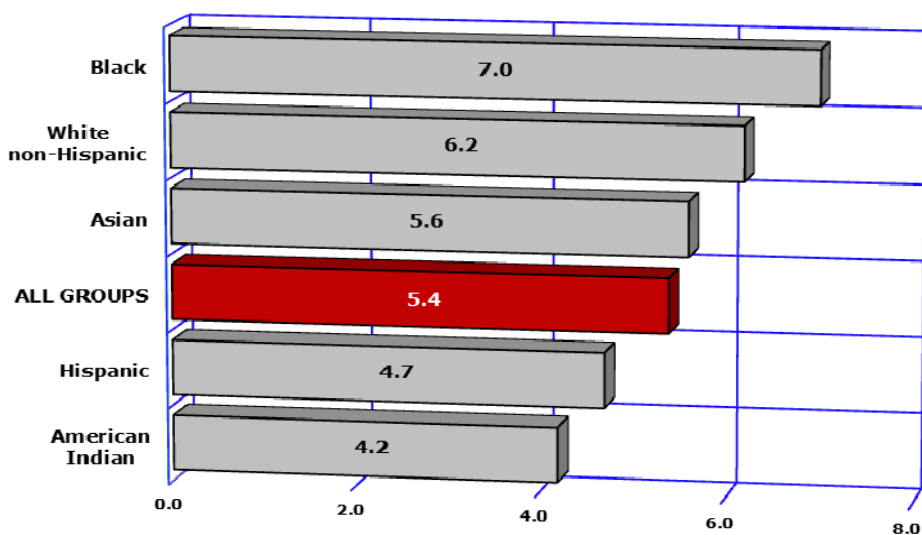
4-2 INCIDENCE OF NEWBORN INTENSIVE CARE

2013



Note: Per 100 live births.

2003



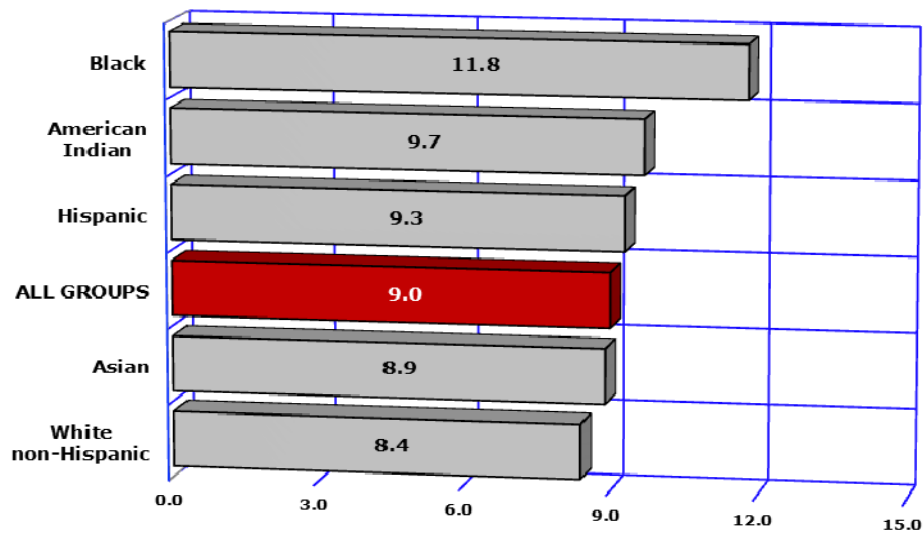
Note: Per 100 live births.

COMPARATIVE RATES FOR 2003 AND 2013

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
2003	5.4	6.2	4.7	7.0	4.2	5.6
2013	5.3	5.3	5.2	7.2	4.1	5.5
% change from 2003	-1.9	-14.5	10.6	2.9	-2.4	-1.8

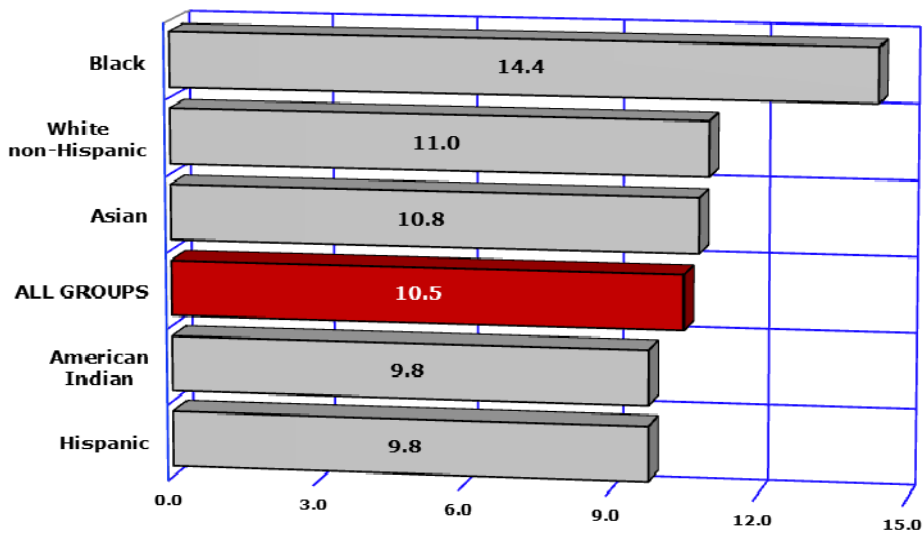
4-3 BORN TOO EARLY (PRETERM OF <37 WEEKS)

2013



Note: Per 100 live births.

2003



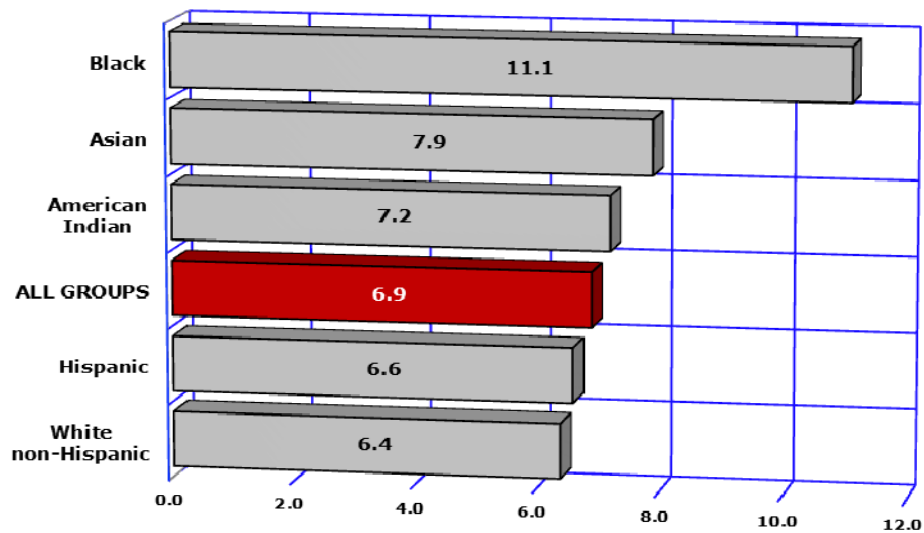
Note: Per 100 live births.

COMPARATIVE RATES FOR 2003 AND 2013

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
2003	10.5	11.0	9.8	14.4	9.8	10.8
2013	9.0	8.4	9.3	11.8	9.7	8.9
% change from 2003	-14.3	-23.6	-5.1	-18.1	-1.0	-17.6

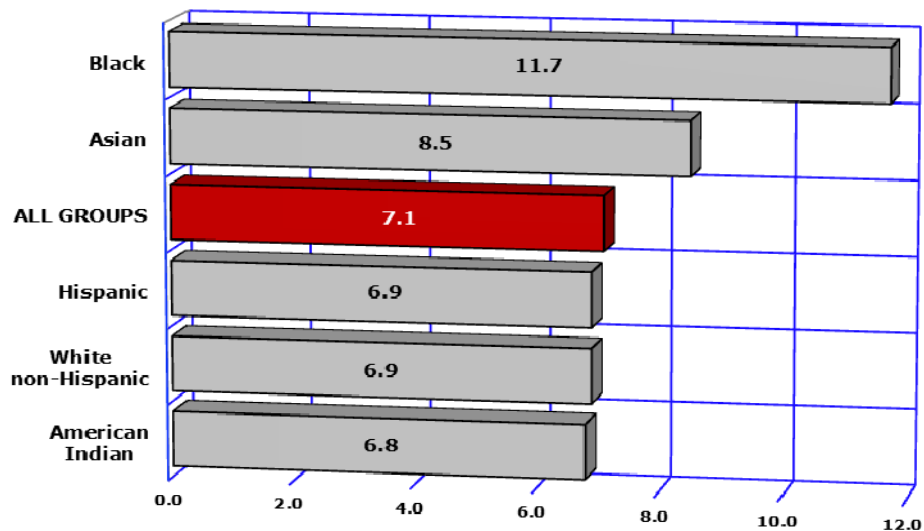
4-4 BORN TOO SMALL: LOW BIRTHWEIGHT (<2,500 GRAMS)

2013



Note: Per 100 live births.

2003



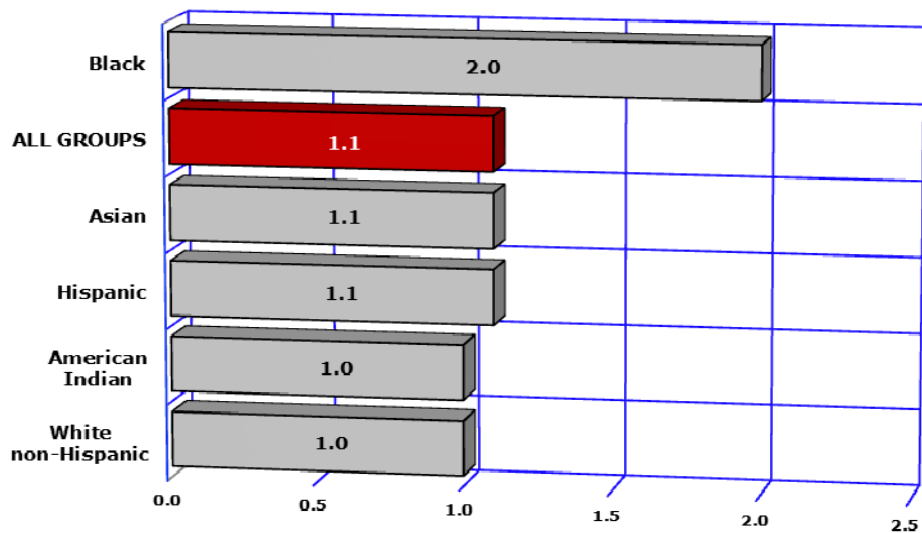
Note: Per 100 live births.

COMPARATIVE RATES FOR 2003 AND 2013

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
2003	7.1	6.9	6.9	11.7	6.8	8.5
2013	6.9	6.4	6.6	11.1	7.2	7.9
% change from 2003	-2.8	-7.2	-4.3	-5.1	5.9	-7.1

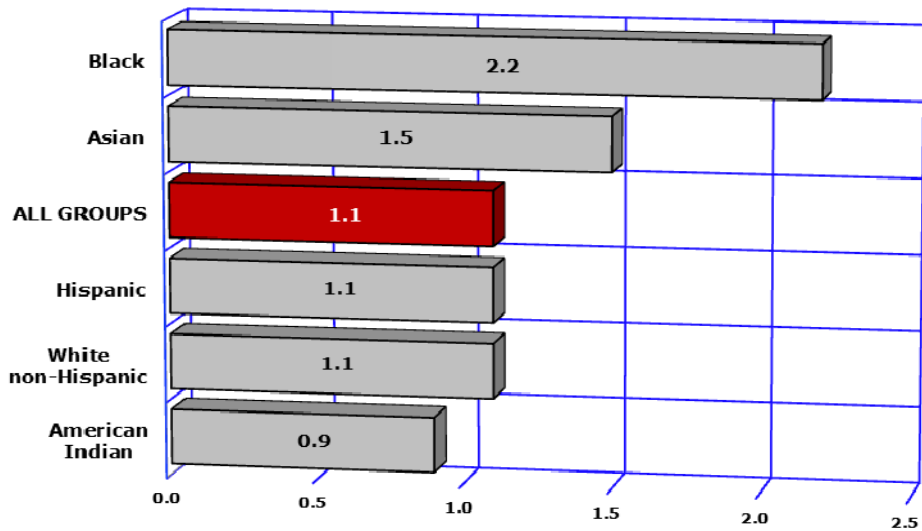
4-5 BORN TOO SMALL: VERY LOW BIRTHWEIGHT (<1,500 GRAMS)

2013



Note: Per 100 live births.

2003



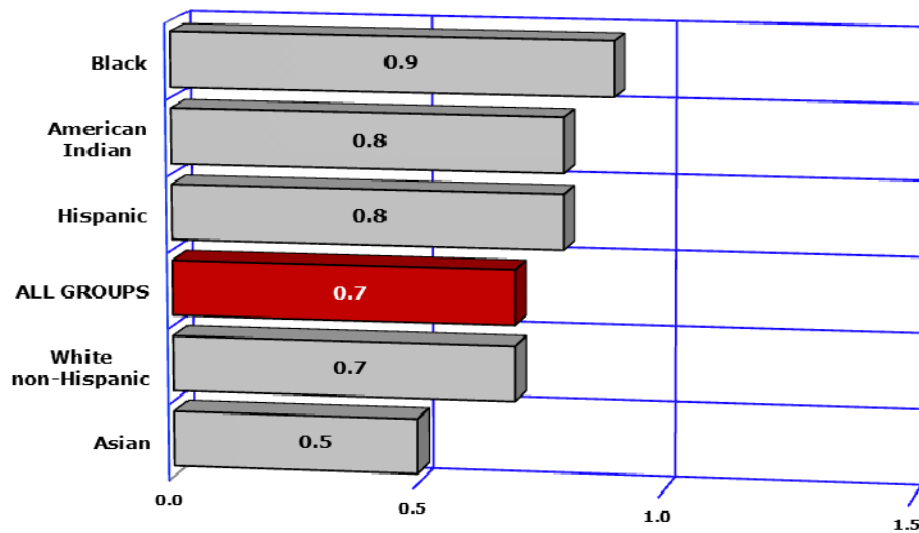
Note: Per 100 live births.

COMPARATIVE RATES FOR 2003 AND 2013

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
2003	1.1	1.1	1.1	2.2	0.9	1.5
2013	1.1	1.0	1.1	2.0	1.0	1.1
% change from 2003	0.0	-9.1	0.0	-9.1	11.1	-26.7

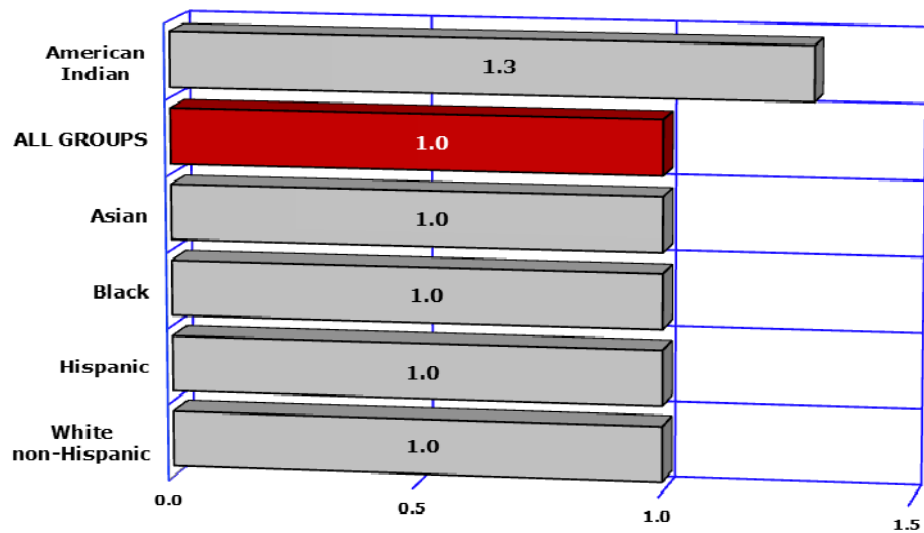
4-6 INCIDENCE OF CONGENITAL ANOMALIES (BIRTH DEFECTS)

2013



Note: Per 100 live births.

2003



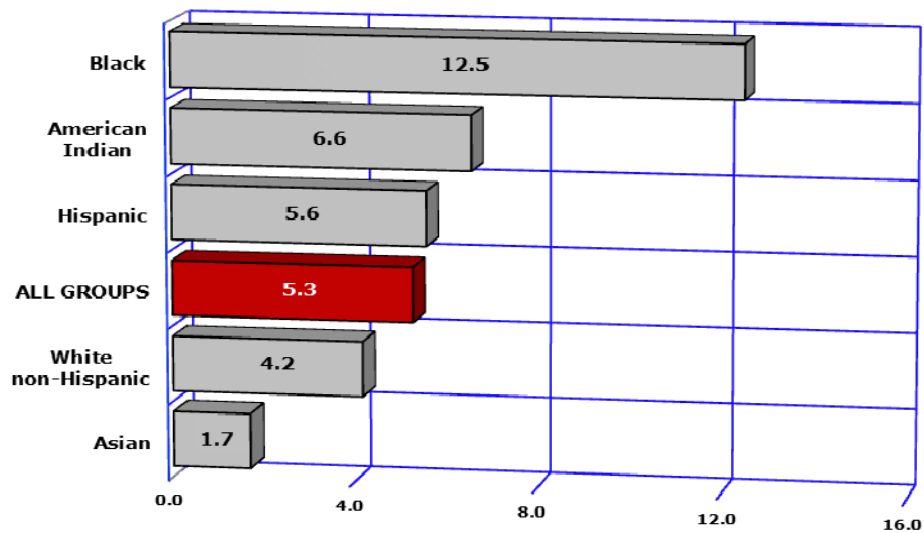
Note: Per 100 live births.

COMPARATIVE RATES FOR 2003 AND 2013

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
2003	1.0	1.0	1.0	1.0	1.3	1.0
2013	0.7	0.7	0.8	0.9	0.8	0.5
% change from 2003	-30.0	-30.0	-20.0	-10.0	-38.5	-50.0

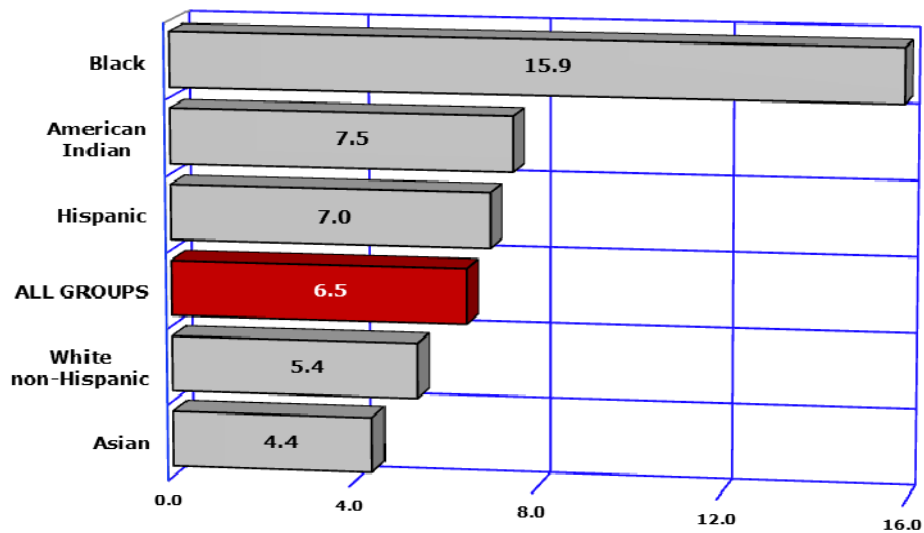
4-7 INFANT MORTALITY

2013



Note: Per 100 live births.

2003



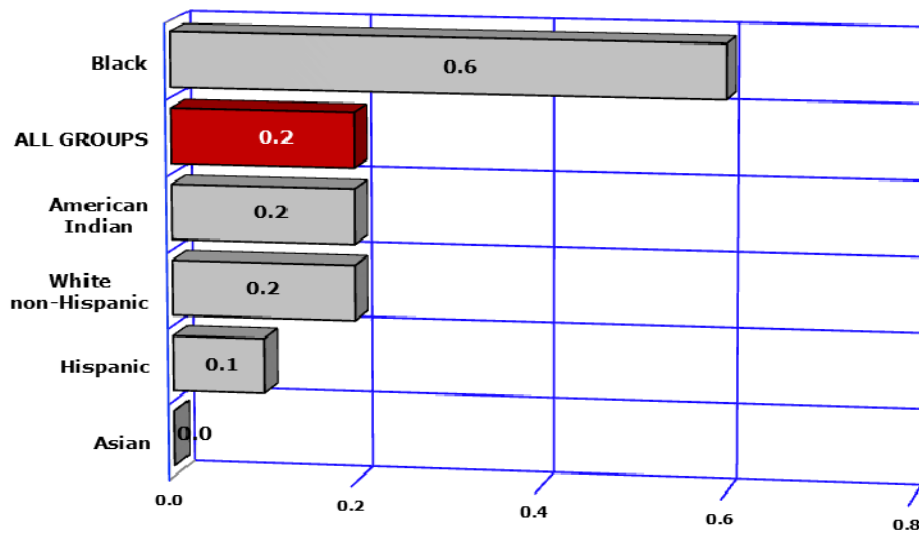
Note: Per 100 live births.

COMPARATIVE RATES FOR 2003 AND 2013

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
2003	6.5	5.4	7.0	15.9	7.5	4.4
2013	5.3	4.2	5.6	12.5	6.6	1.7
% change from 2003	-18.5	-22.2	-20.0	-21.4	-12.0	-61.4

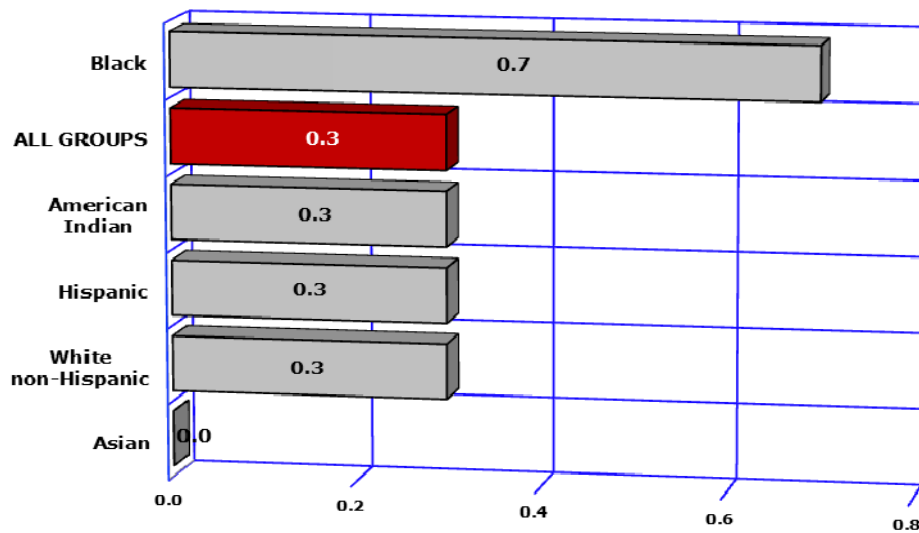
4-8 SUDDEN INFANT DEATH SYNDROME (SIDS)

2013



Note: Per 100 live births.

2003



Note: Per 100 live births.

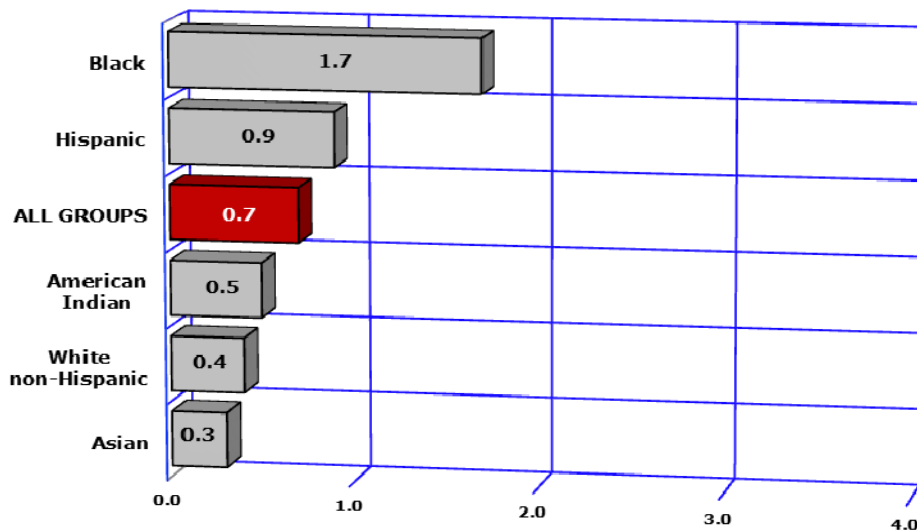
COMPARATIVE RATES FOR 2003 AND 2013

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
2003	0.3	0.3	0.3	0.7	0.3	0.0
2013	0.2	0.2	0.1	0.6	0.2	0.0
% change from 2003	-33.3	-33.3	-66.7	-14.3	-33.3	NA

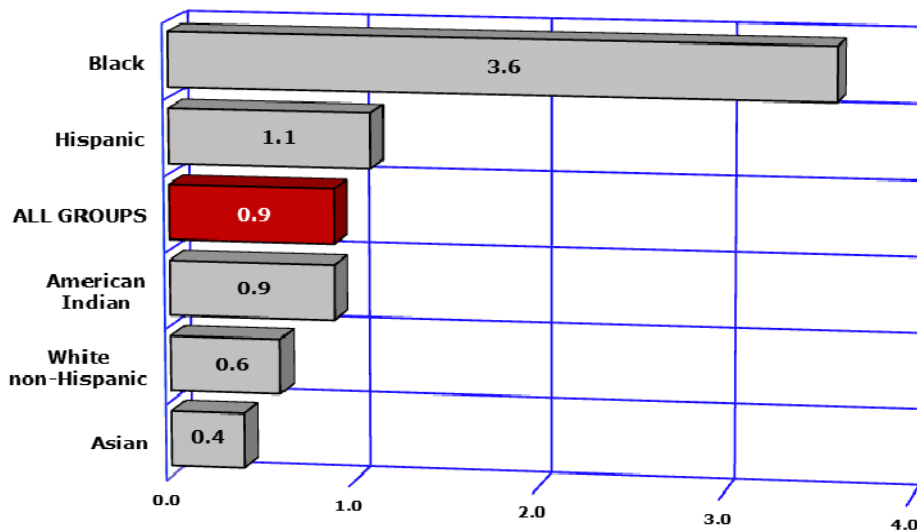
4-9 MORTALITY OF INFANTS FROM LOW BIRTHWEIGHT/SHORT GESTATION

2013



Note: Per 100 live births.

2003



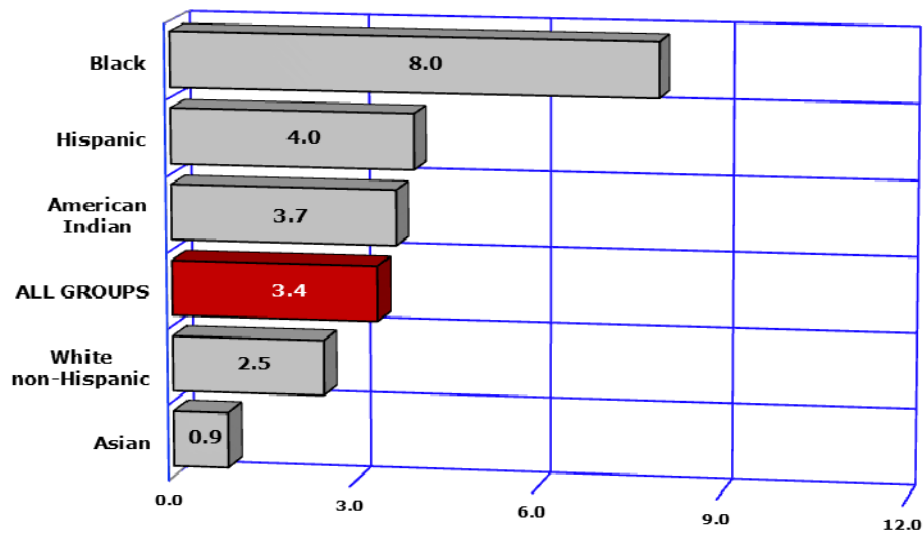
Note: Per 100 live births.

COMPARATIVE RATES FOR 2003 AND 2013

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
2003	0.9	0.6	1.1	3.6	0.9	0.4
2013	0.7	0.4	0.9	1.7	0.5	0.3
% change from 2003	-22.2	-33.3	-18.2	-52.8	-44.4	-25.0

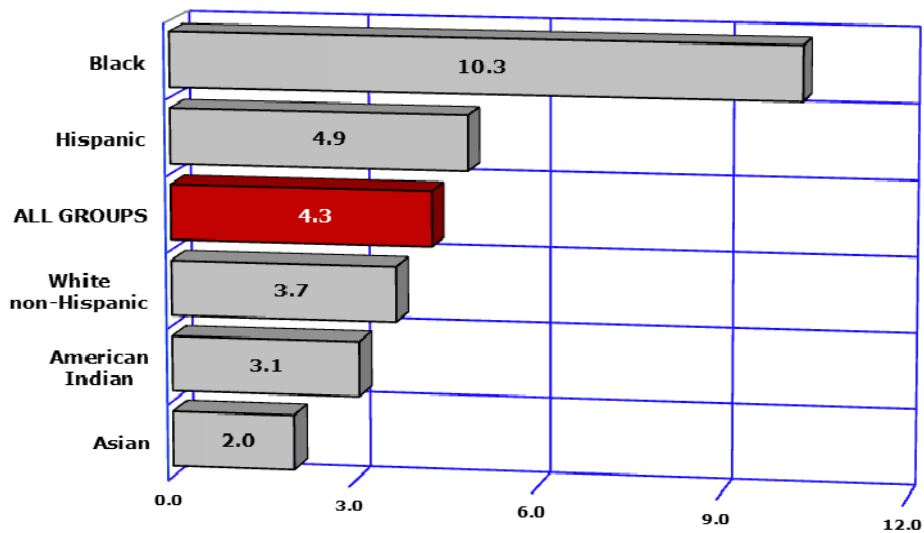
4-10 NEONATAL MORTALITY

2013



Note: Number of deaths per 1,000 live births.

2003



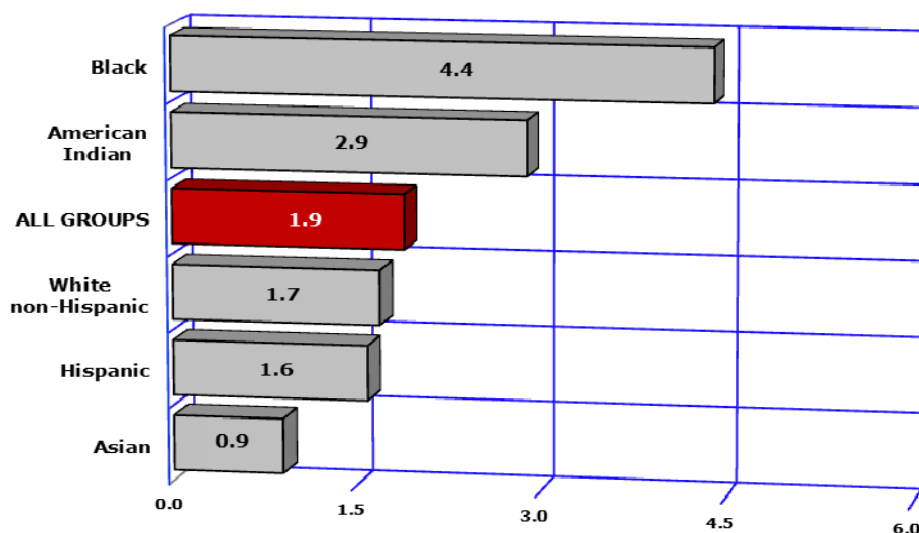
Note: Number of deaths per 1,000 live births.

COMPARATIVE RATES FOR 2003 AND 2013

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
2003	4.3	3.7	4.9	10.3	3.1	2.0
2013	3.4	2.5	4.0	8.0	3.7	0.9
% change from 2003	-20.9	-32.4	-18.4	-22.3	19.4	-55.0

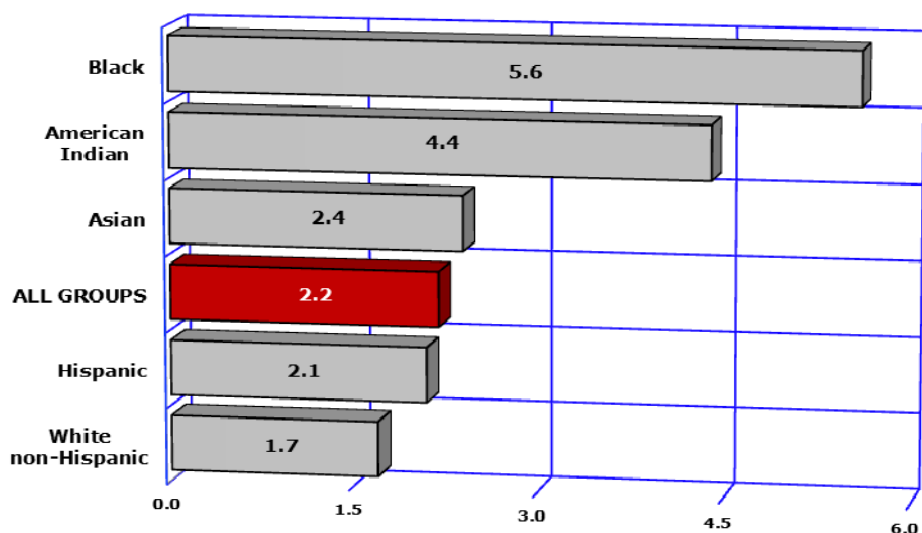
4-11 POSTNEONATAL MORTALITY

2013



Note: Number of deaths per 1,000 live births.

2003



Note: Number of deaths per 1,000 live births.

COMPARATIVE RATES FOR 2003 AND 2013

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
2003	2.2	1.7	2.1	5.6	4.4	2.4
2013	1.9	1.7	1.6	4.4	2.9	0.9
% change from 2003	-13.6	0.0	-23.8	-21.4	-34.1	-62.5

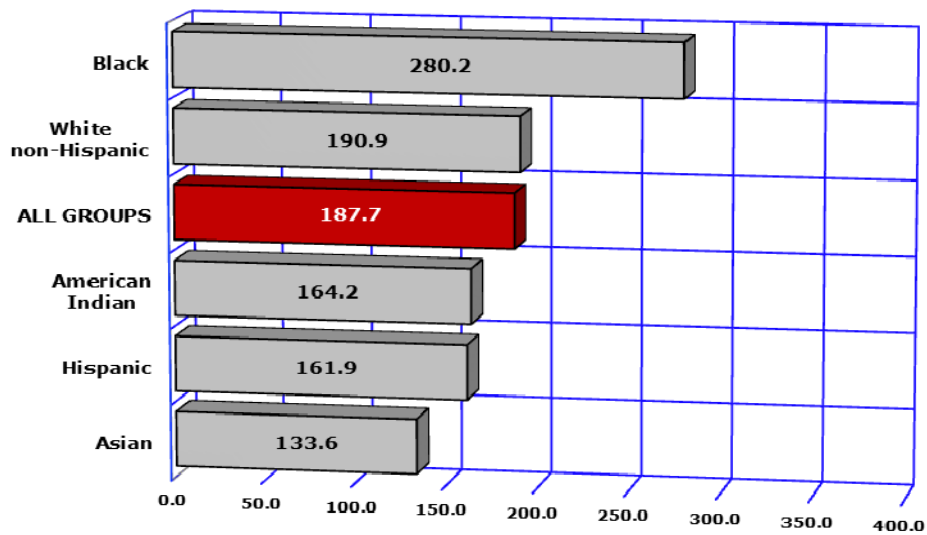
5

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**

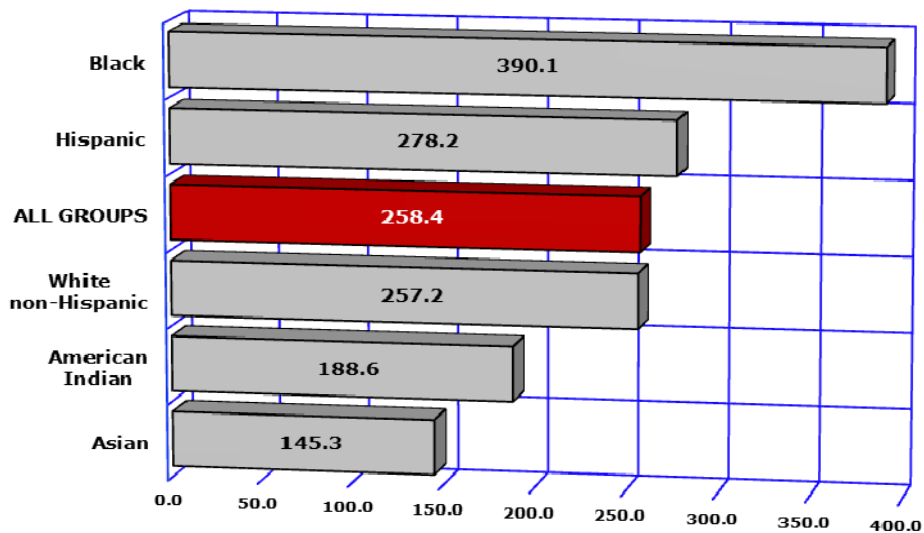
5-1 CARDIOVASCULAR DISEASE

2013



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

2003



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

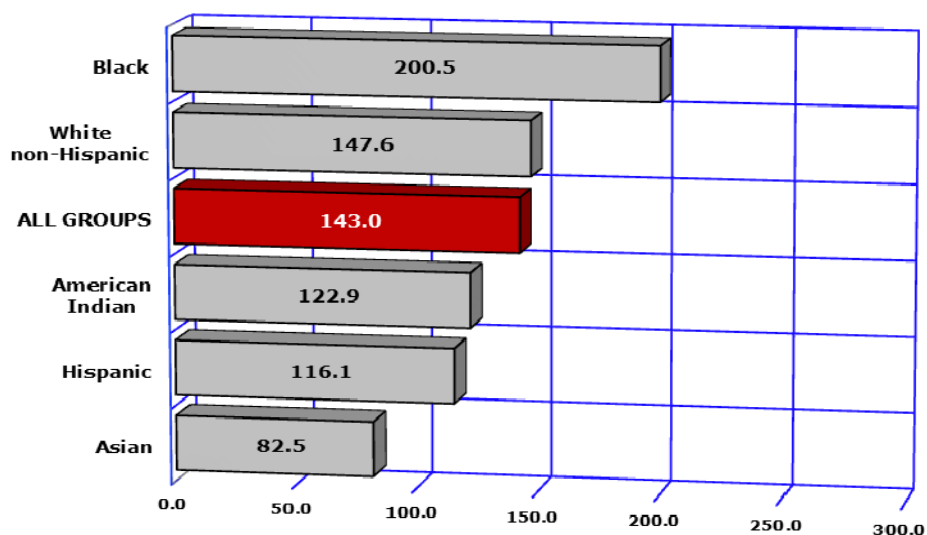
COMPARATIVE RATES FOR 2003 AND 2013

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
2003	258.4	257.2	278.2	390.1	188.6	145.3
2013	187.7	190.9	161.9	280.2	164.2	133.6
% change from 2003	-27.4	-25.8	-41.8	-28.2	-12.9	-8.1

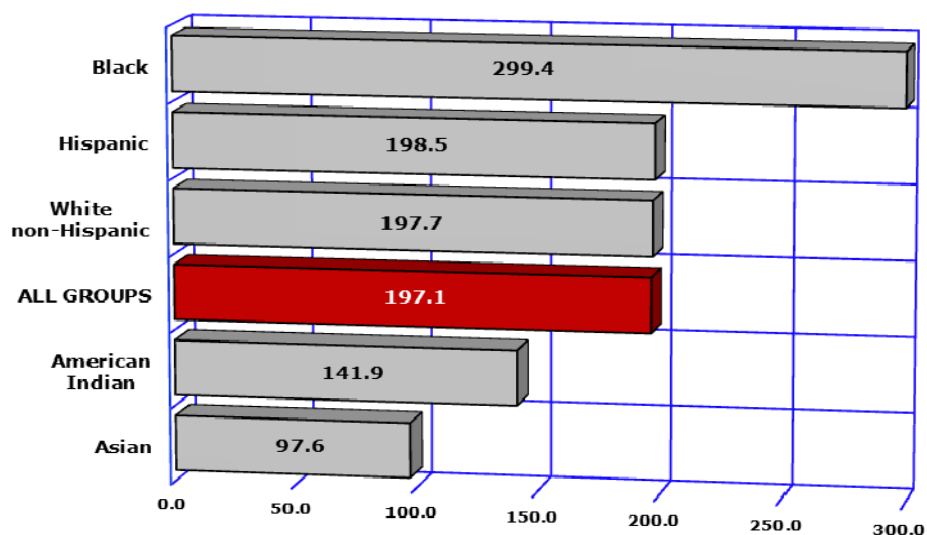
5-2 DISEASES OF THE HEART

2013



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

2003



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

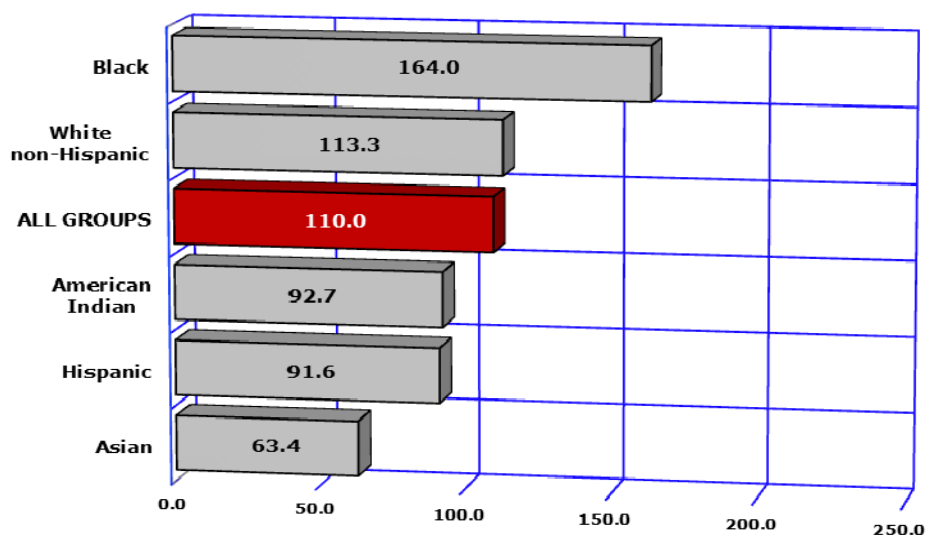
COMPARATIVE RATES FOR 2003 AND 2013

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
2003	197.1	197.7	198.5	299.4	141.9	97.6
2013	143.0	147.6	116.1	200.5	122.9	82.5
% change from 2003	-27.4	-25.3	-41.5	-33.0	-13.4	-15.5

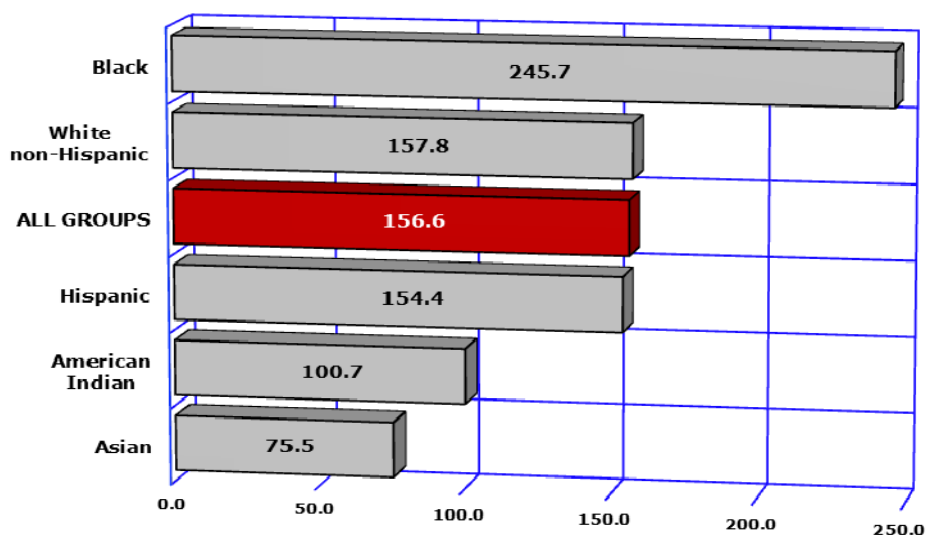
5-3 CORONARY HEART DISEASE

2013



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

2003

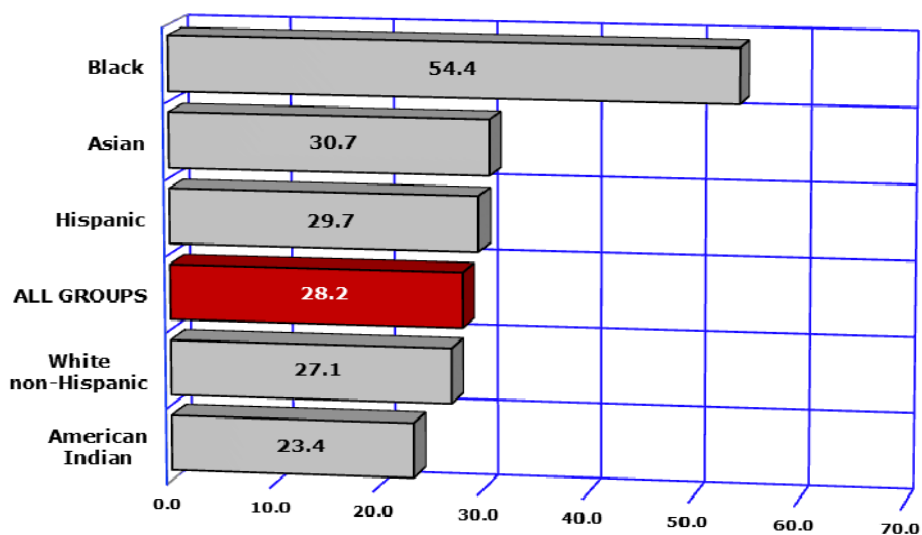


Note: Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

COMPARATIVE RATES FOR 2003 AND 2013						
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
2003	156.6	157.8	154.4	245.7	100.7	75.5
2013	110.0	113.3	91.6	164.0	92.7	63.4
% change from 2003	-29.8	-28.2	-40.7	-33.3	-7.9	-16.0

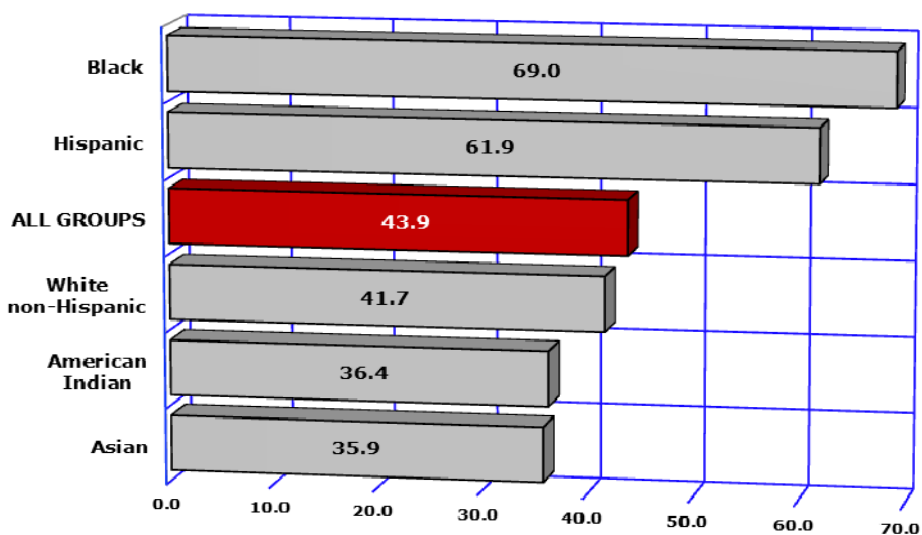
5-4 CEREBROVASCULAR DISEASE

2013



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

2003

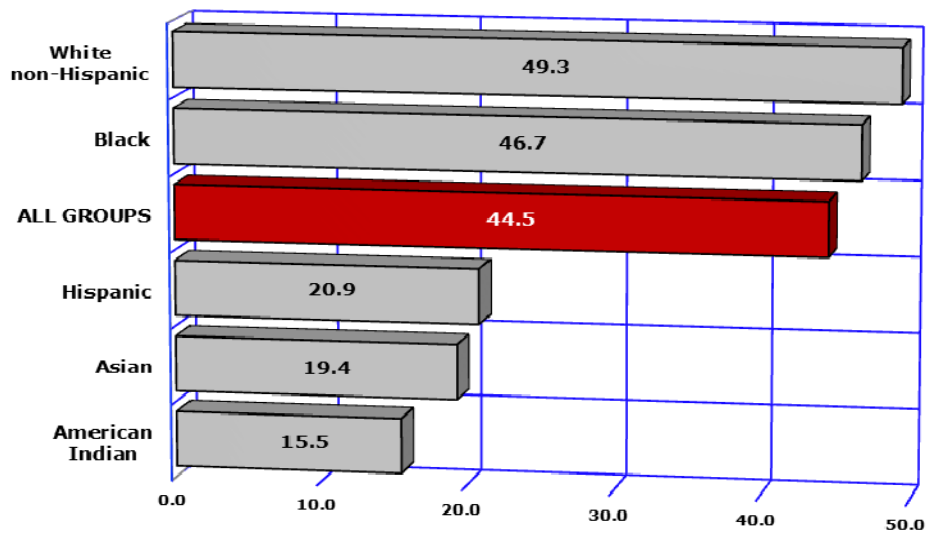


Note: Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

COMPARATIVE RATES FOR 2003 AND 2013						
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
2003	43.9	41.7	61.9	69.0	36.4	35.9
2013	28.2	27.1	29.7	54.4	23.4	30.7
% change from 2003	-35.8	-35.0	-52.0	-21.2	-35.7	-14.5

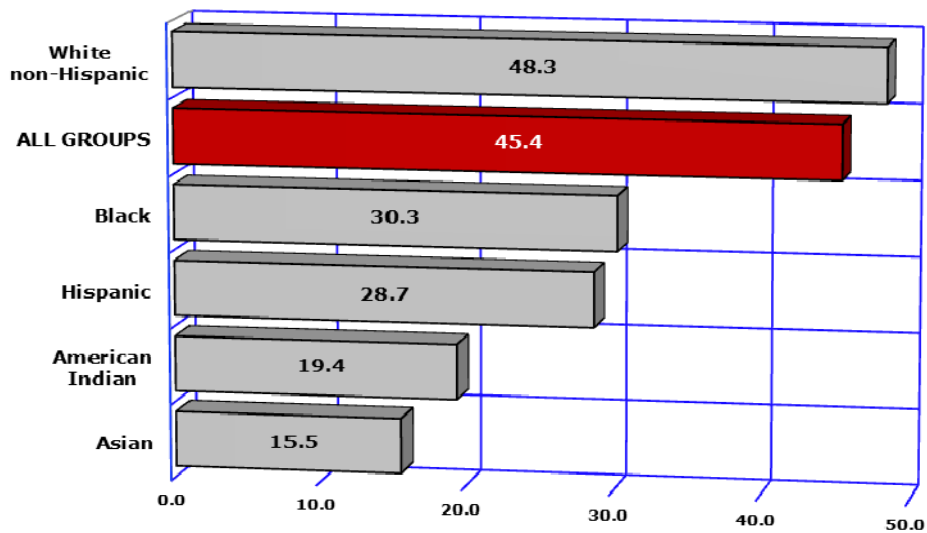
5-5 CHRONIC LOWER RESPIRATORY DISEASE

2013



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

2003

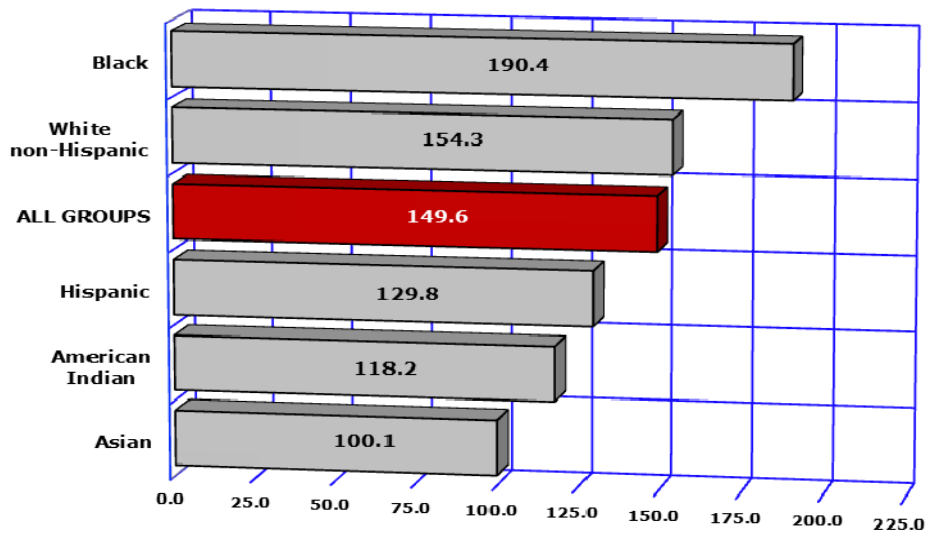


Note: Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

COMPARATIVE RATES FOR 2003 AND 2013						
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
2003	45.4	48.3	28.7	30.3	19.4	15.5
2013	44.5	49.3	20.9	46.7	15.5	19.4
% change from 2003	-2.0	2.1	-27.2	54.1	-20.1	25.2

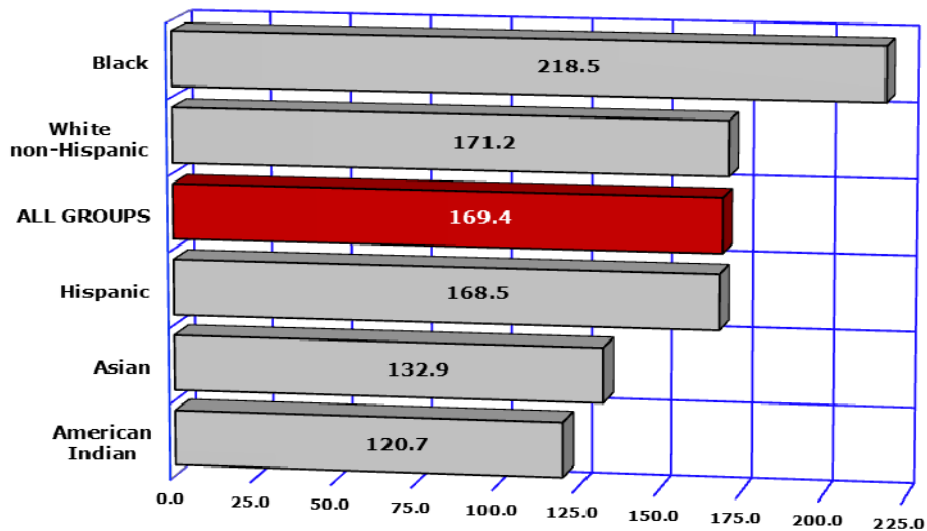
5-6 MALIGNANT NEOPLASM (CANCER)

2013



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

2003



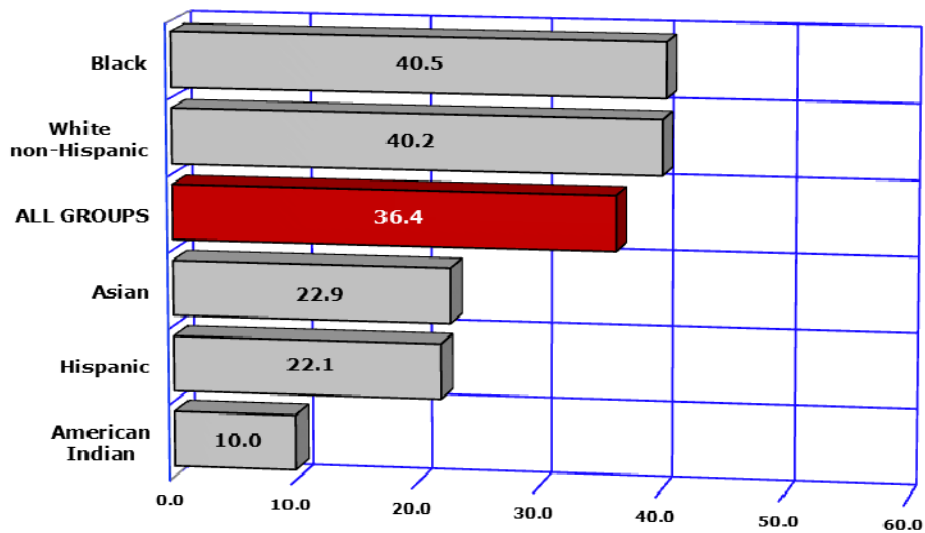
Note: Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

COMPARATIVE RATES FOR 2003 AND 2013

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
2003	169.4	171.2	168.5	218.5	120.7	132.9
2013	149.6	154.3	129.8	190.4	118.2	100.1
% change from 2003	-11.7	-9.9	-23.0	-12.9	-2.1	-24.7

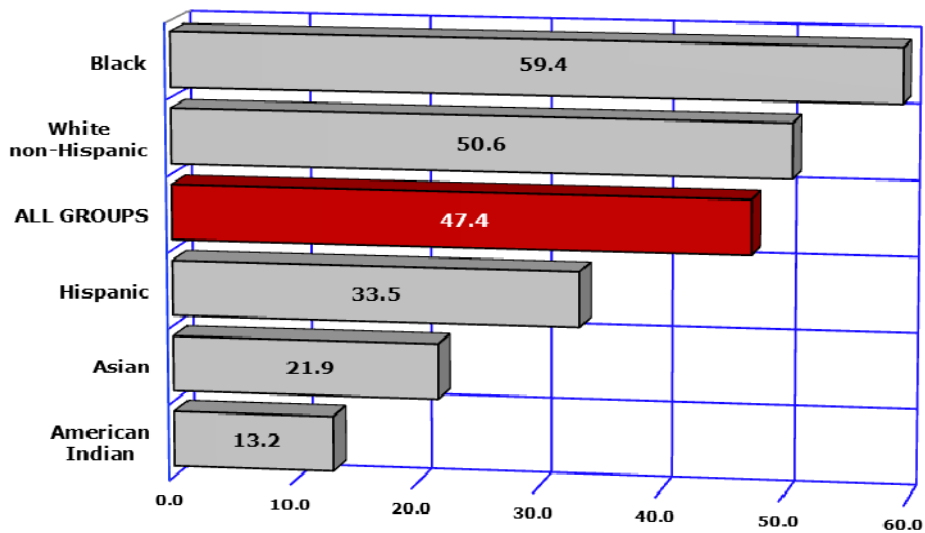
5-7 LUNG CANCER

2013



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

2003



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

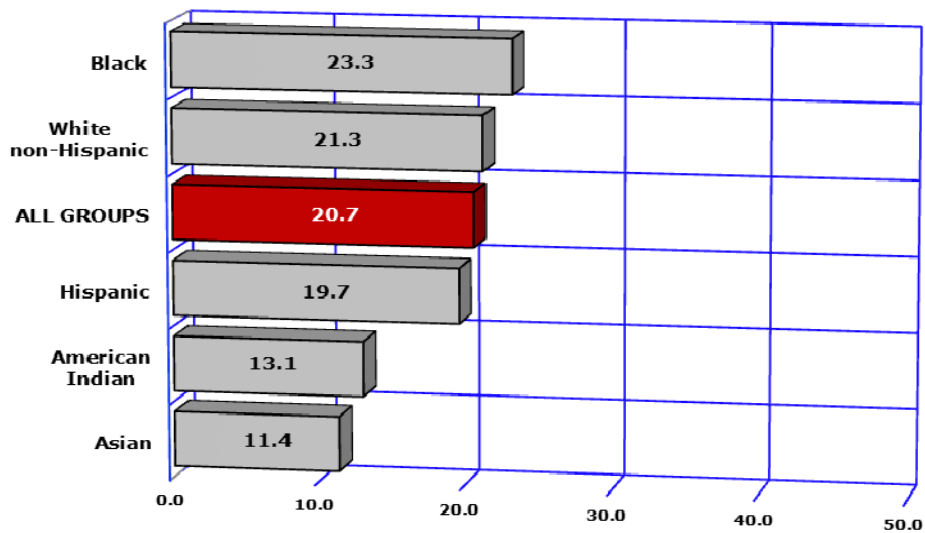
COMPARATIVE RATES FOR 2003 AND 2013

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
2003	47.4	50.6	33.5	59.4	13.2	21.9
2013	36.4	40.2	22.1	40.5	10.0	22.9
% change from 2003	-23.2	-20.6	-34.0	-31.8	-24.2	4.6

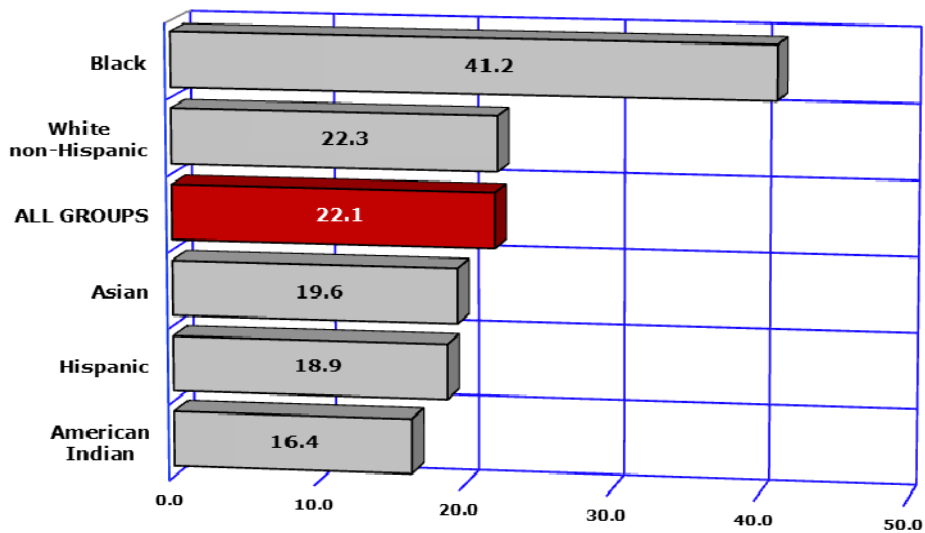
5-8 BREAST CANCER

2013



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

2003



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

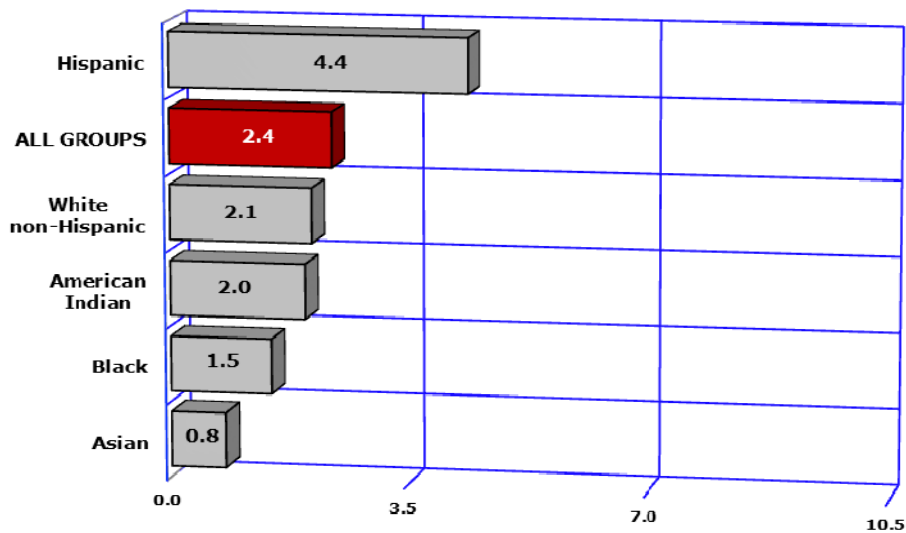
COMPARATIVE RATES FOR 2003 AND 2013

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
2003	22.1	22.3	18.9	41.2	16.4	19.6
2013	20.7	21.3	19.7	23.3	13.1	11.4
% change from 2003	-6.3	-4.5	4.2	-43.4	-20.1	-41.8

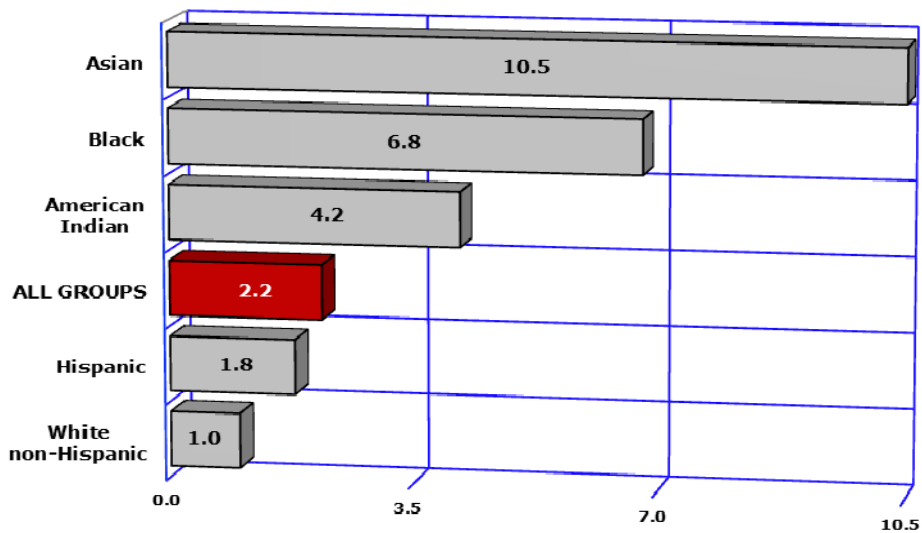
5-9 CERVICAL CANCER

2013



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

2003



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

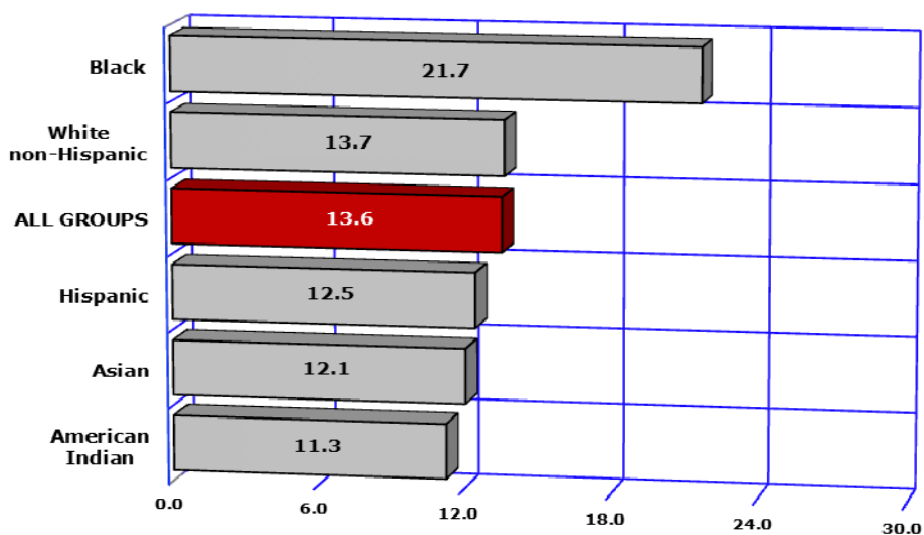
COMPARATIVE RATES FOR 2003 AND 2013

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
2003	2.2	1.0	1.8	6.8	4.2	10.5
2013	2.4	2.1	4.4	1.5	2.0	0.8
% change from 2003	9.1	110.0	144.4	-77.9	-52.4	-92.4

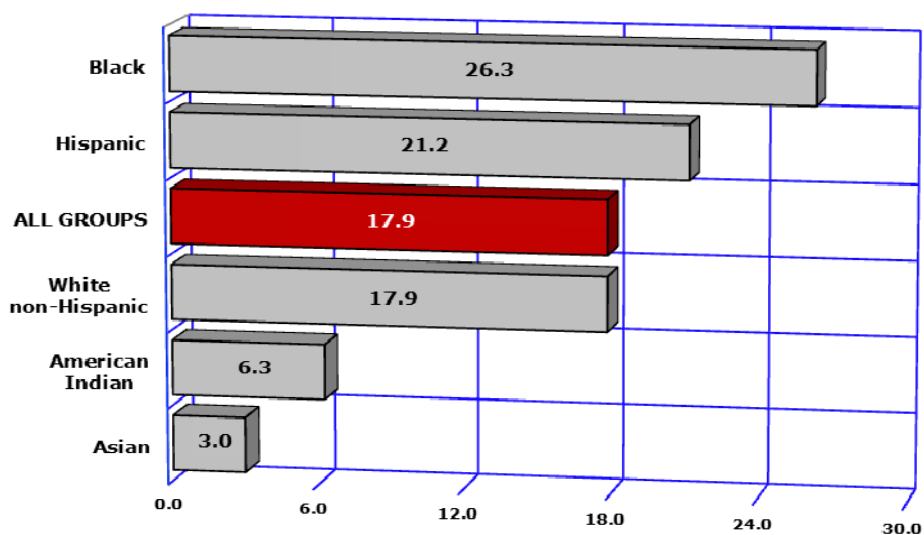
5-10 COLORECTAL CANCER

2013



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

2003



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

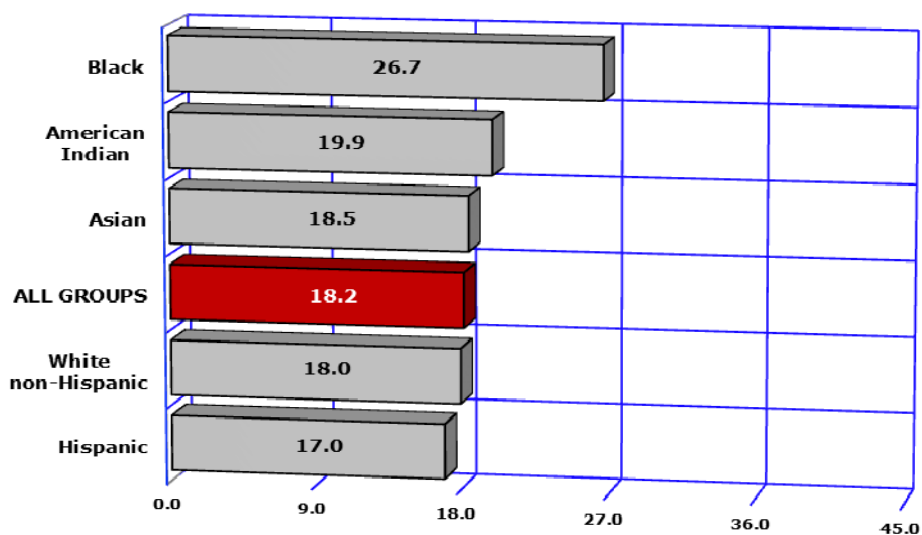
COMPARATIVE RATES FOR 2003 AND 2013

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
2003	17.9	17.9	21.2	26.3	6.3	3.0
2013	13.6	13.7	12.5	21.7	11.3	12.1
% change from 2003	-24.0	-23.5	-41.0	-17.5	79.4	303.3

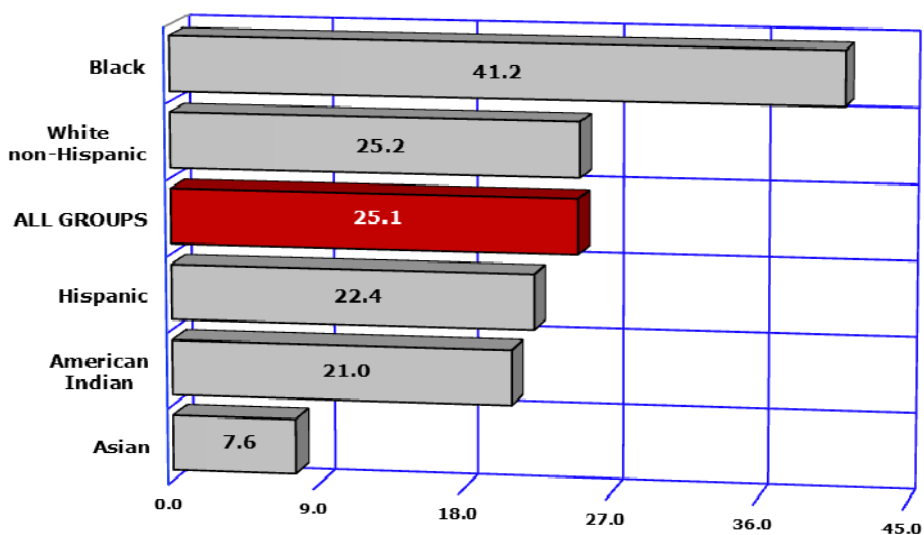
5-11 PROSTATE CANCER

2013



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

2003



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

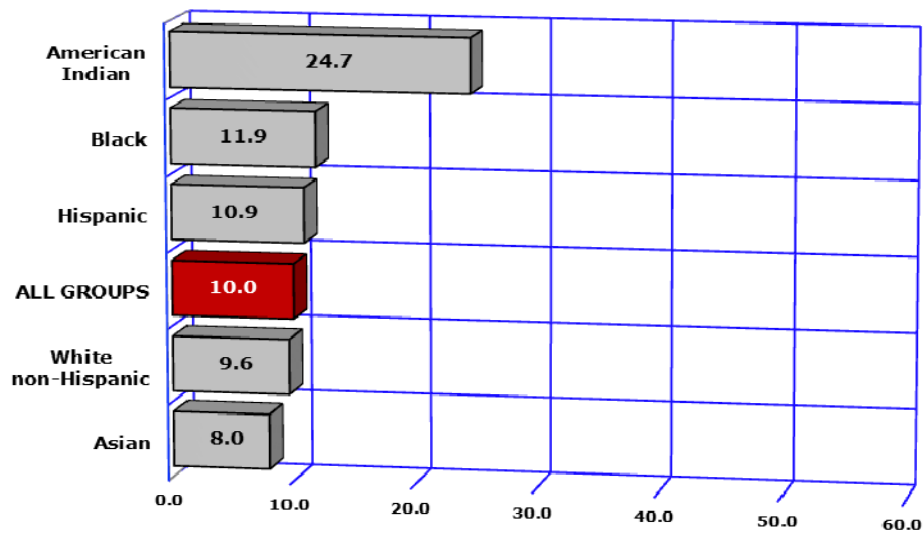
COMPARATIVE RATES FOR 2003 AND 2013

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
2003	25.1	25.2	22.4	41.2	21.0	7.6
2013	18.2	18.0	17.0	26.7	19.9	18.5
% change from 2003	-27.5	-28.6	-24.1	-35.2	-5.2	143.4

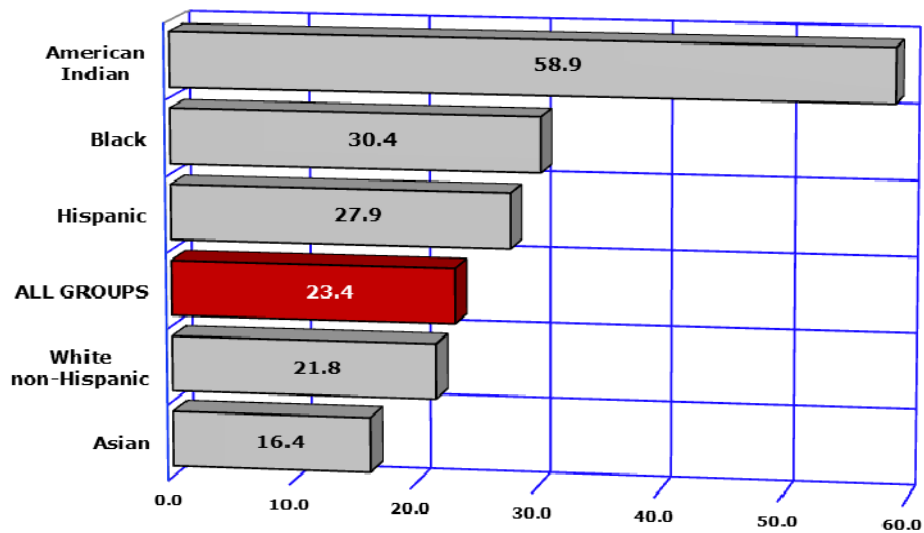
5-12 INFLUENZA AND PNEUMONIA

2013



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

2003



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

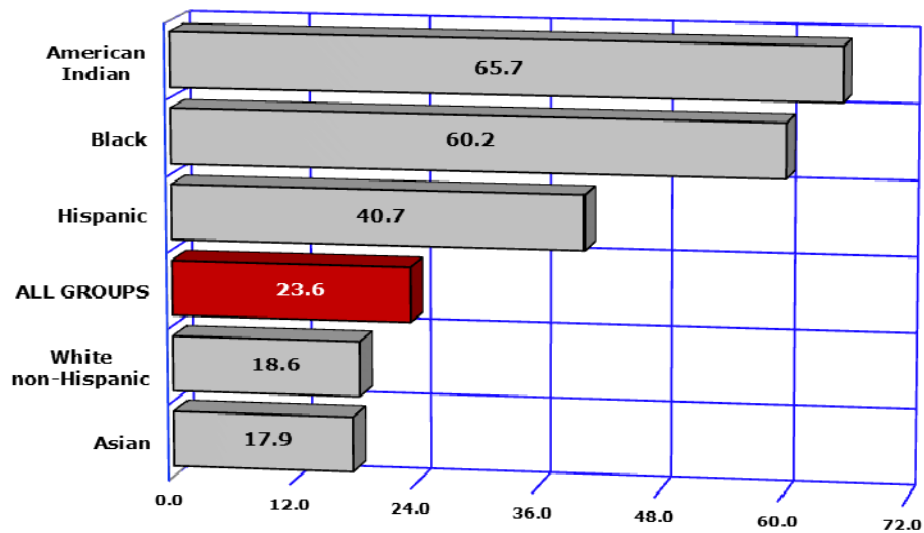
COMPARATIVE RATES FOR 2003 AND 2013

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
2003	23.4	21.8	27.9	30.4	58.9	16.4
2013	10.0	9.6	10.9	11.9	24.7	8.0
% change from 2003	-57.3	-56.0	-60.9	-60.9	-58.1	-51.2

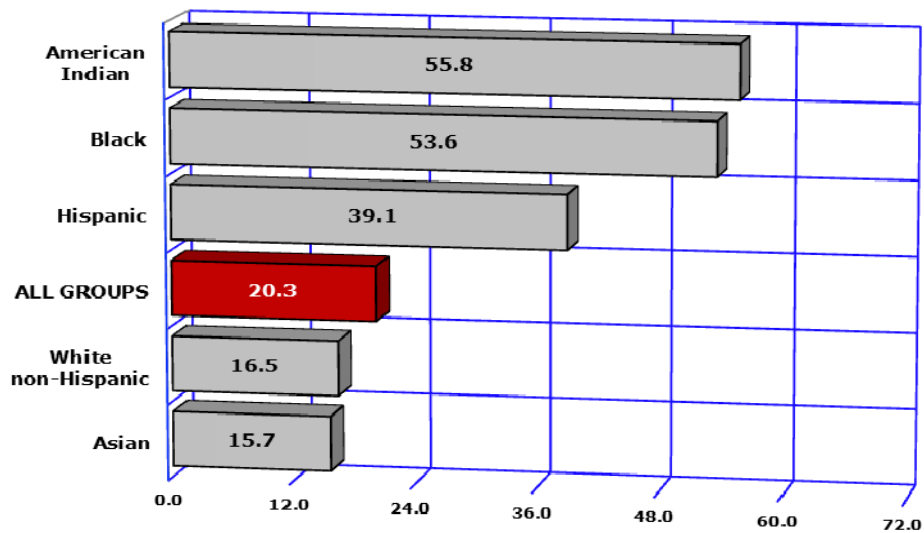
5-13 DIABETES

2013



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

2003



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

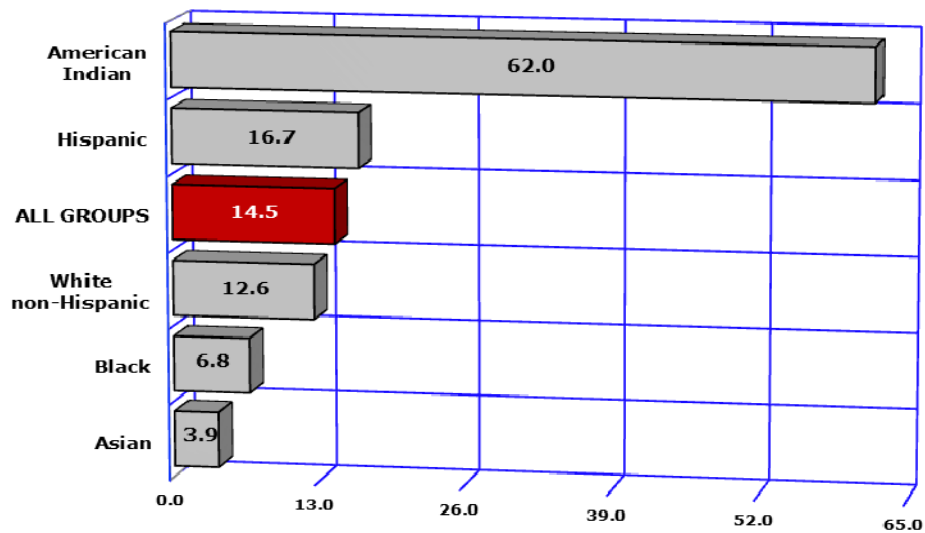
COMPARATIVE RATES FOR 2003 AND 2013

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
2003	20.3	16.5	39.1	53.6	55.8	15.7
2013	23.6	18.6	40.7	60.2	65.7	17.9
% change from 2003	16.3	12.7	4.1	12.3	17.7	14.0

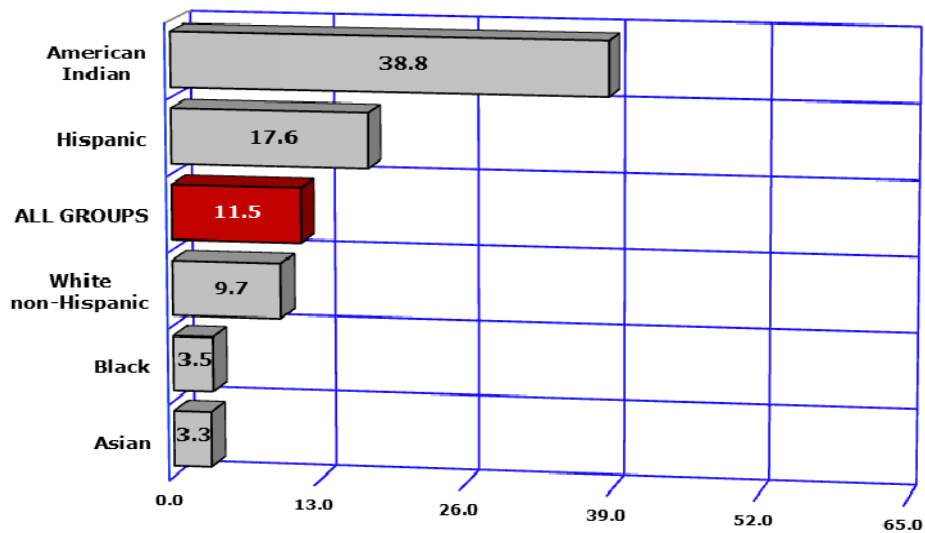
5-14 CHRONIC LIVER DISEASE AND CIRRHOSIS

2013



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

2003



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

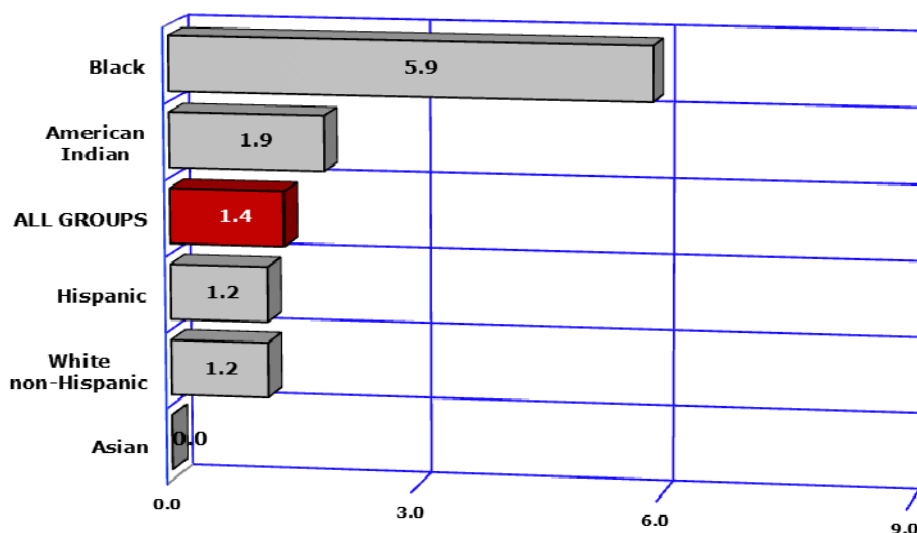
COMPARATIVE RATES FOR 2003 AND 2013

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
2003	11.5	9.7	17.6	3.5	38.8	3.3
2013	14.5	12.6	16.7	6.8	62.0	3.9
% change from 2003	26.1	29.9	-5.1	94.3	59.8	18.2

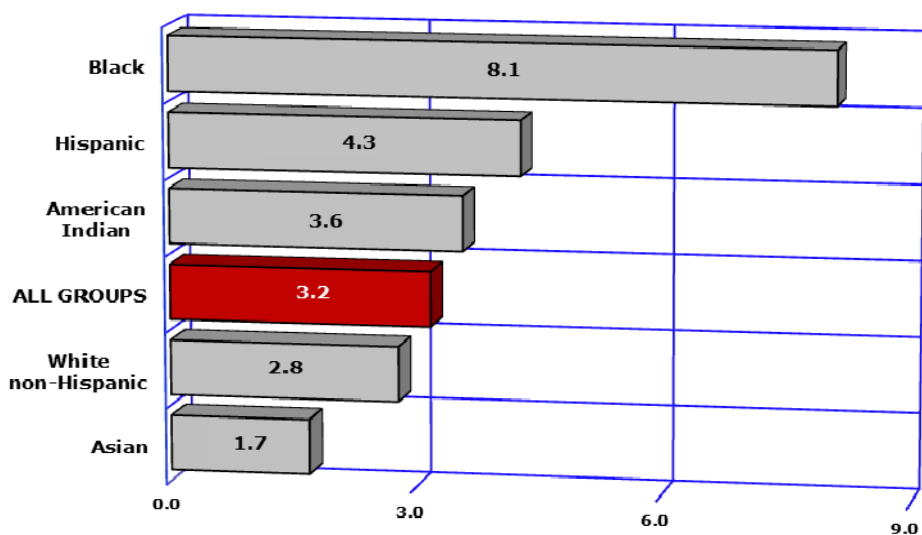
5-15 HIV DISEASE

2013



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

2003

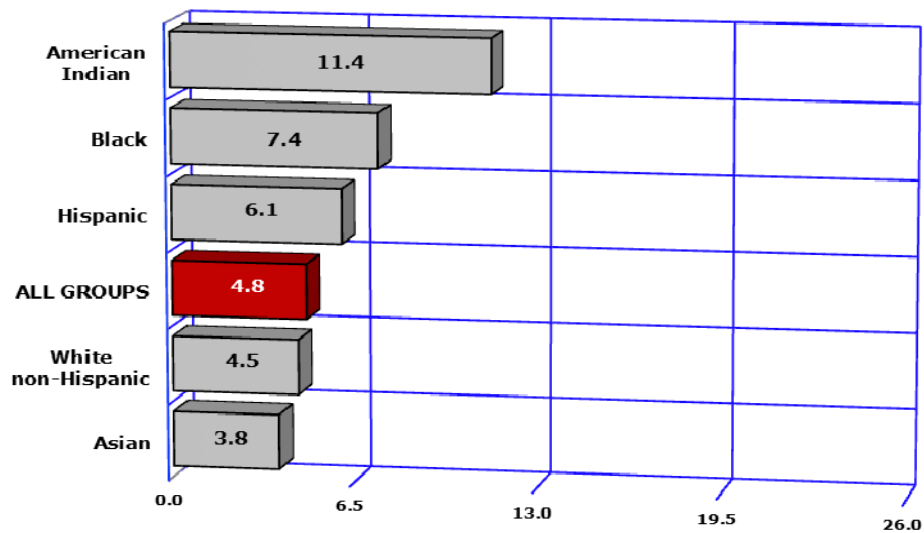


Note: Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

COMPARATIVE RATES FOR 2003 AND 2013						
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
2003	3.2	2.8	4.3	8.1	3.6	1.7
2013	1.4	1.2	1.2	5.9	1.9	0.0
% change from 2003	-56.3	-57.1	-72.1	-27.2	-47.2	-100.0

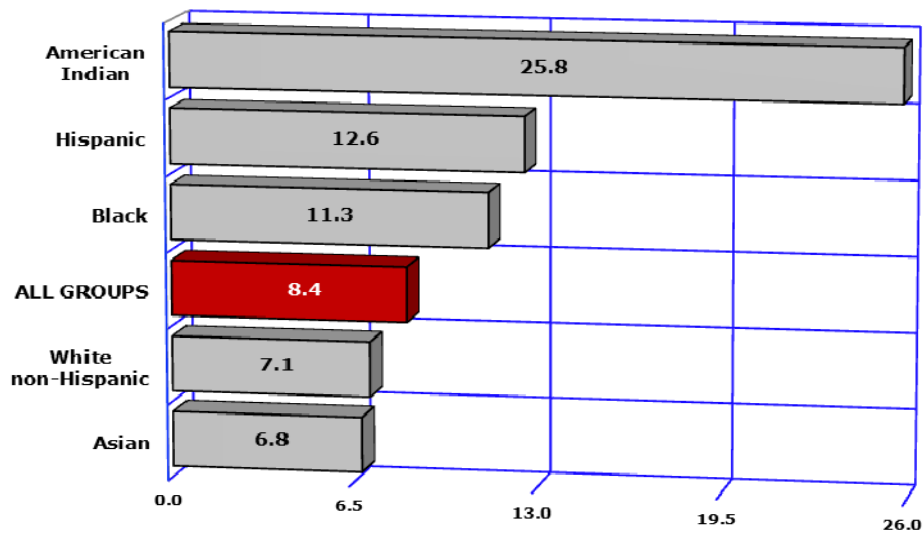
5-16 SEPTICEMIA

2013



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

2003



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

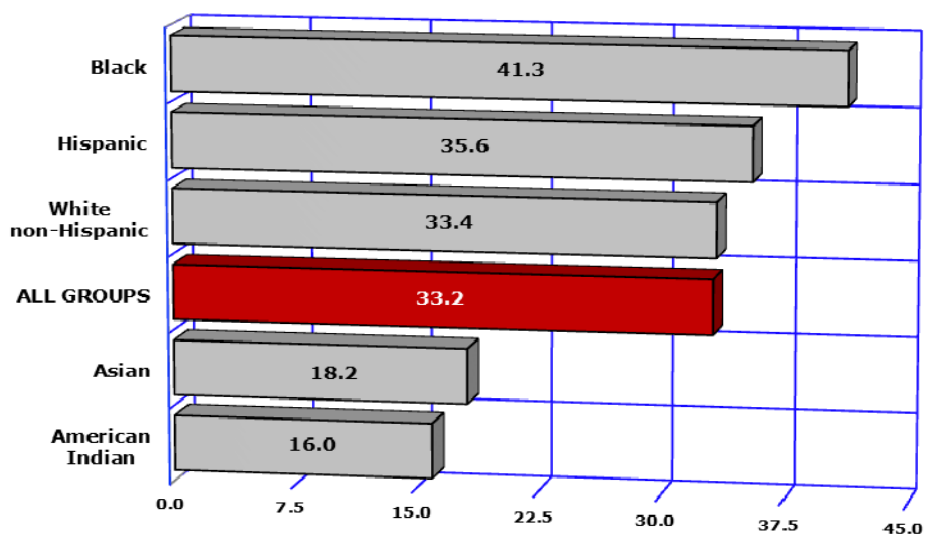
COMPARATIVE RATES FOR 2003 AND 2013

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
2003	8.4	7.1	12.6	11.3	25.8	6.8
2013	4.8	4.5	6.1	7.4	11.4	3.8
% change from 2003	-42.9	-36.6	-51.6	-34.5	-55.8	-44.1

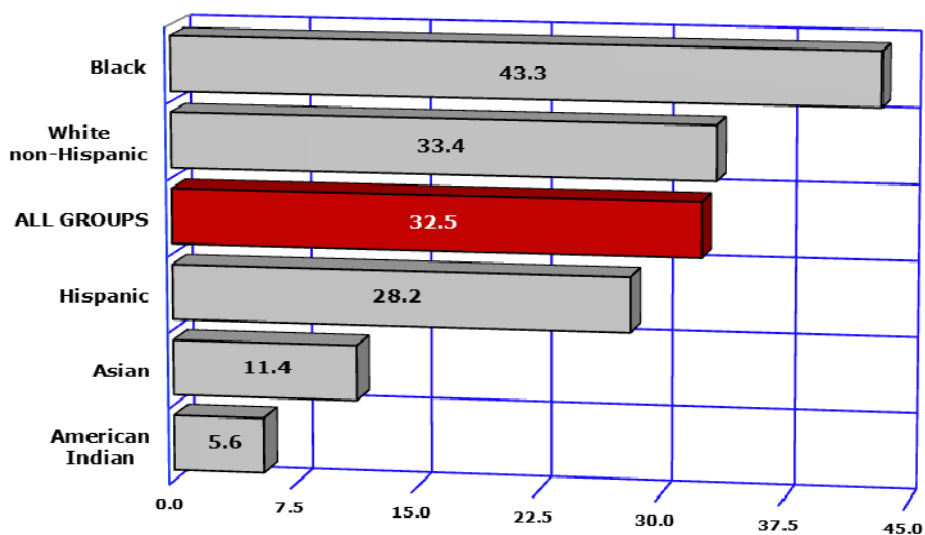
5-17 ALZHEIMER'S DISEASE

2013



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

2003

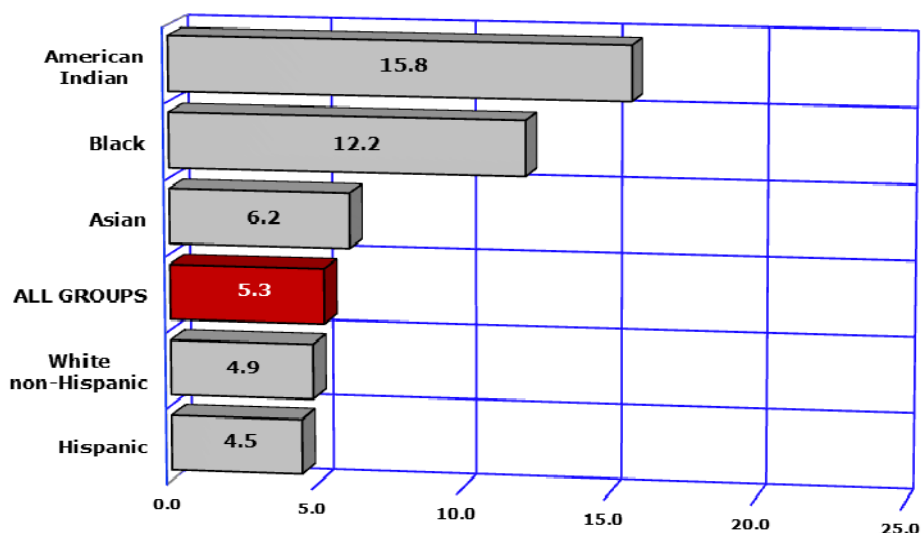


Note: Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

COMPARATIVE RATES FOR 2003 AND 2013						
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
2003	32.5	33.4	28.2	43.3	5.6	11.4
2013	33.2	33.4	35.6	41.3	16.0	18.2
% change from 2003	2.2	0.0	26.2	-4.6	185.7	59.6

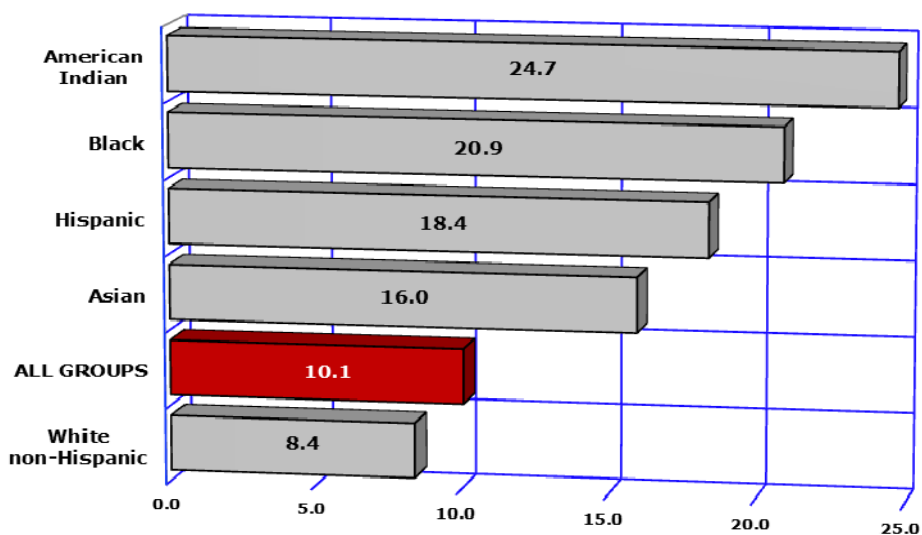
5-18 NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS

2013



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

2003



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

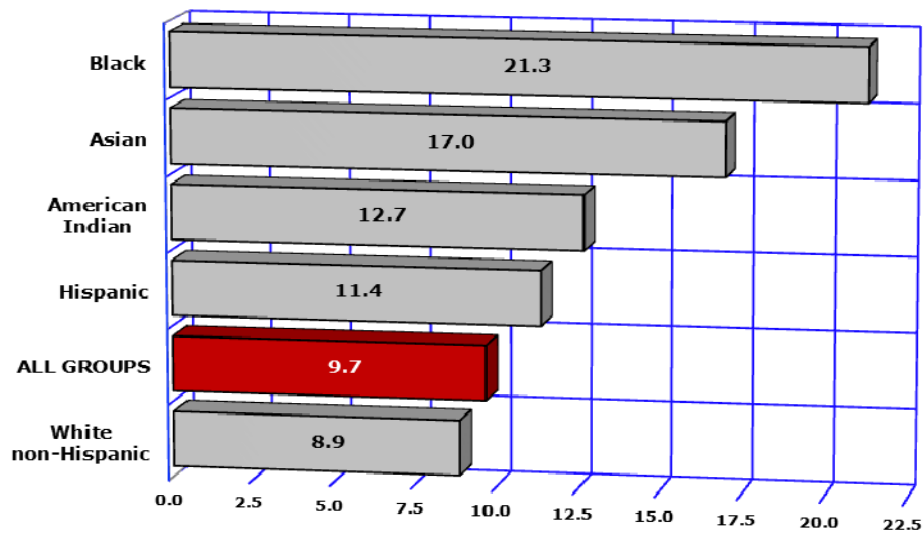
COMPARATIVE RATES FOR 2003 AND 2013

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
2003	10.1	8.4	18.4	20.9	24.7	16.0
2013	5.3	4.9	4.5	12.2	15.8	6.2
% change from 2003	-47.5	-41.7	-75.5	-41.6	-36.0	-61.3

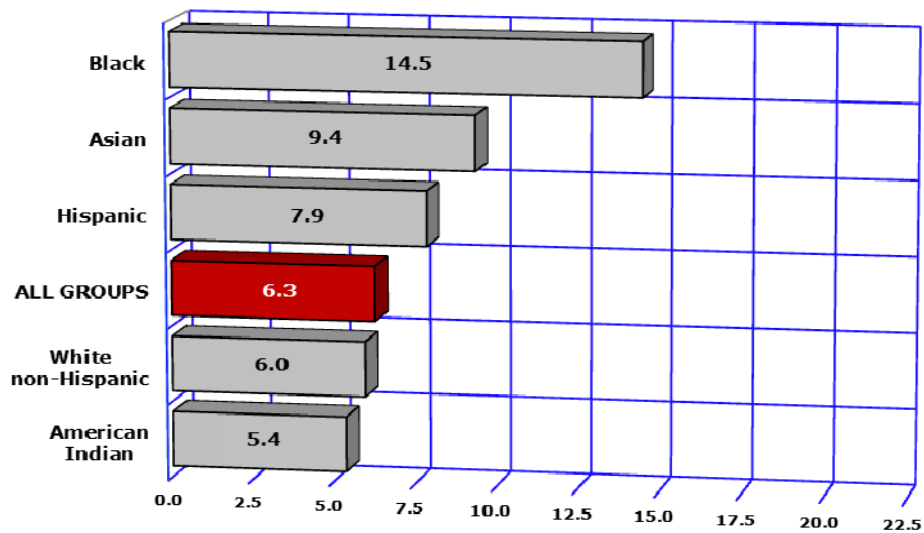
5-19 ESSENTIAL (PRIMARY) HYPERTENSION

2013



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

2003



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

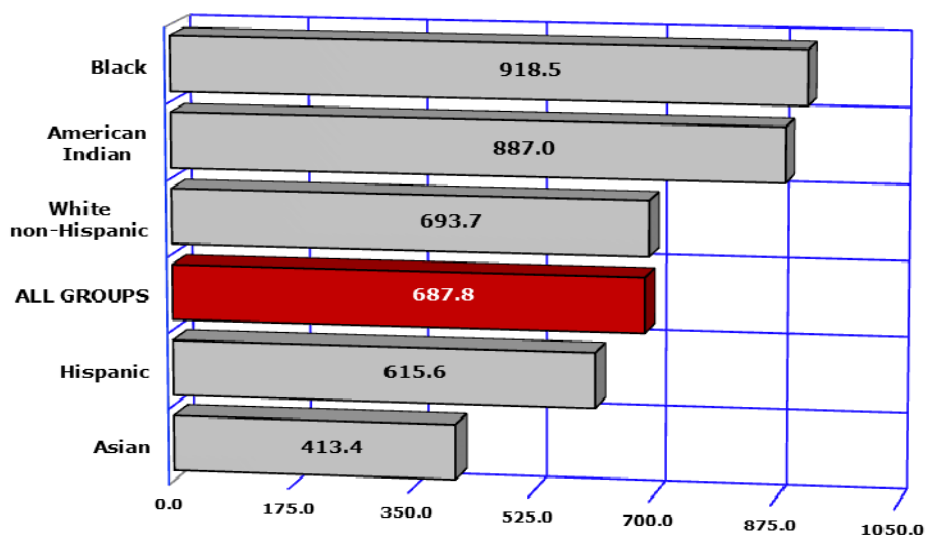
COMPARATIVE RATES FOR 2003 AND 2013

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
2003	6.3	6.0	7.9	14.5	5.4	9.4
2013	9.7	8.9	11.4	21.3	12.7	17.0
% change from 2003	54.0	48.3	44.3	46.9	135.2	80.9

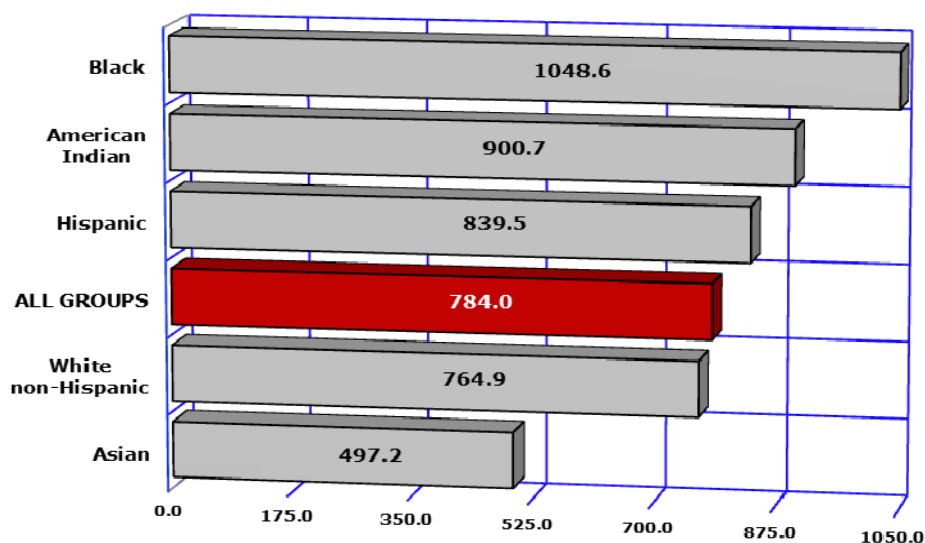
5-20 TOTAL MORTALITY FROM ALL CAUSES

2013



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

2003



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

COMPARATIVE RATES FOR 2003 AND 2013

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
2003	784.0	764.9	839.5	1048.6	900.7	497.2
2013	687.8	693.7	615.6	918.5	887.0	413.4
% change from 2003	-12.3	-9.3	-26.7	-12.4	-1.5	-16.9

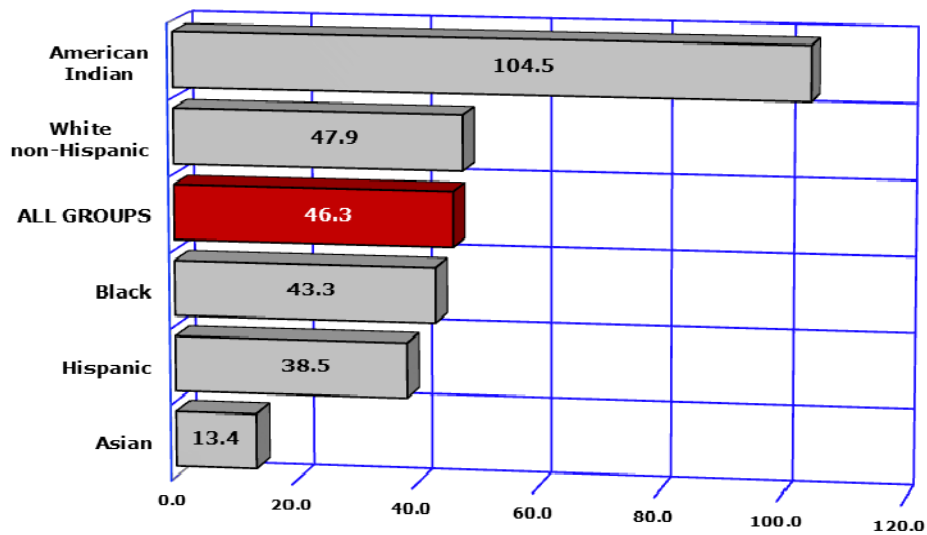
6

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)**

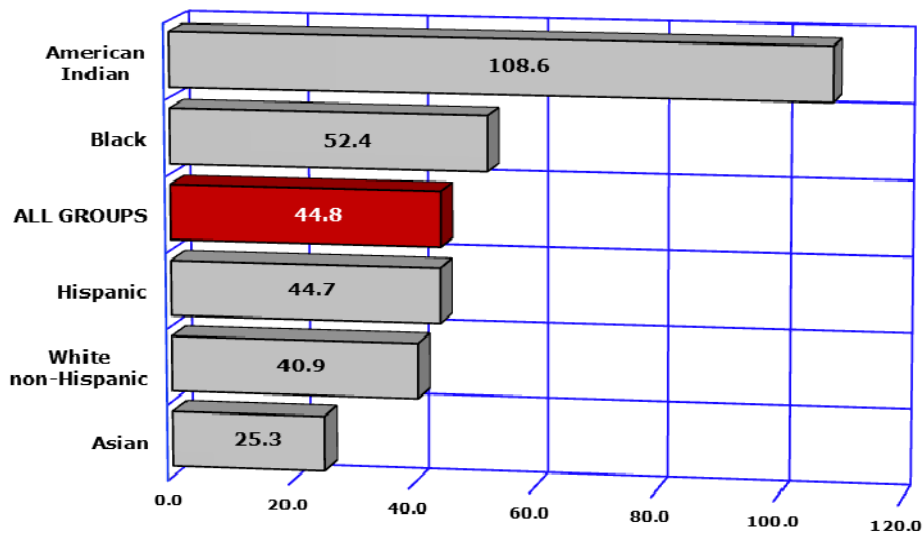
6-1 UNINTENTIONAL INJURIES

2013



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

2003



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

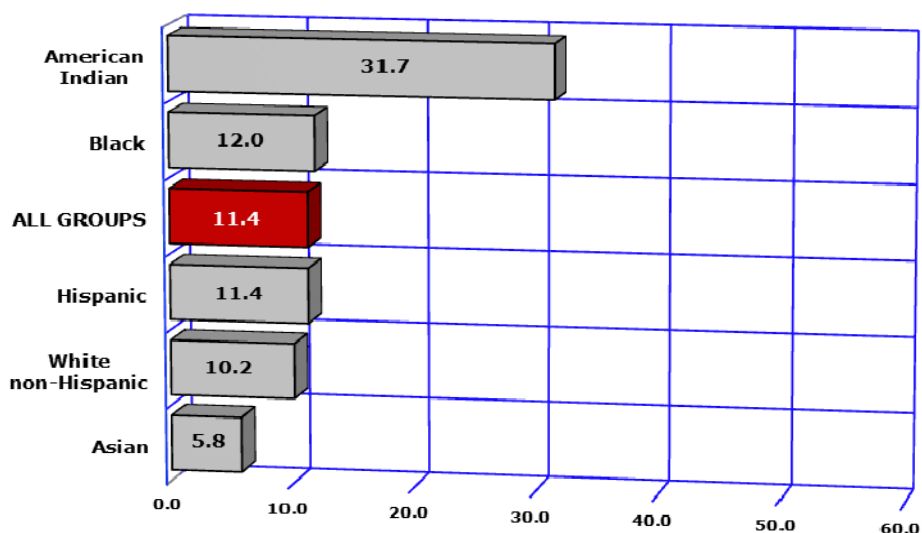
COMPARATIVE RATES FOR 2003 AND 2013

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
2003	44.8	40.9	44.7	52.4	108.6	25.3
2013	46.3	47.9	38.5	43.3	104.5	13.4
% change from 2003	3.3	17.1	-13.9	-17.4	-3.8	-47.0

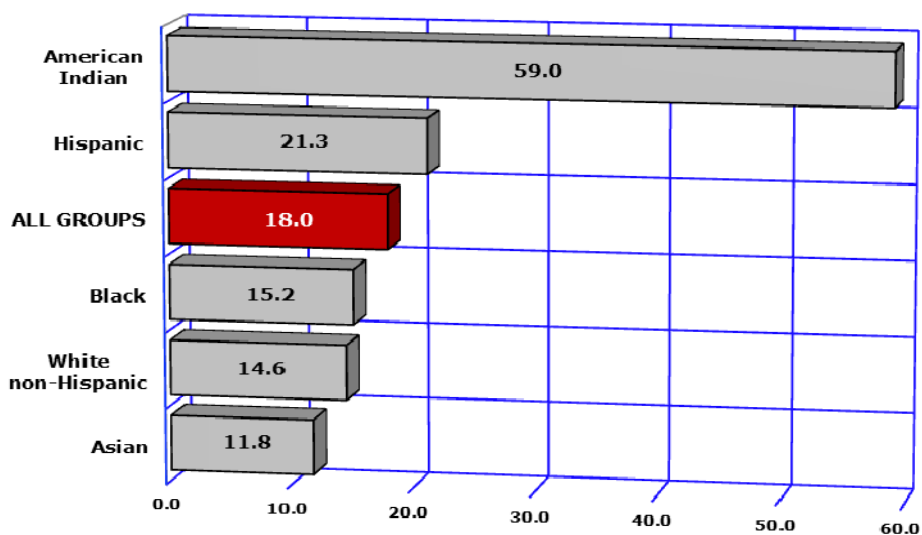
6-2 MOTOR VEHICLE-RELATED INJURIES

2013



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

2003

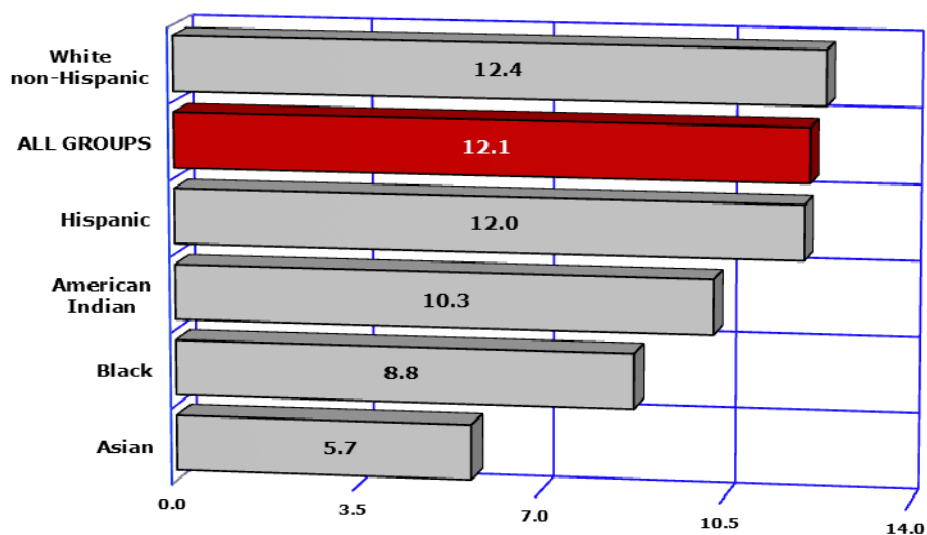


Note: Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

COMPARATIVE RATES FOR 2003 AND 2013						
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
2003	18.0	14.6	21.3	15.2	59.0	11.8
2013	11.4	10.2	11.4	12.0	31.7	5.8
% change from 2003	-36.7	-30.1	-46.5	-21.1	-46.3	-50.8

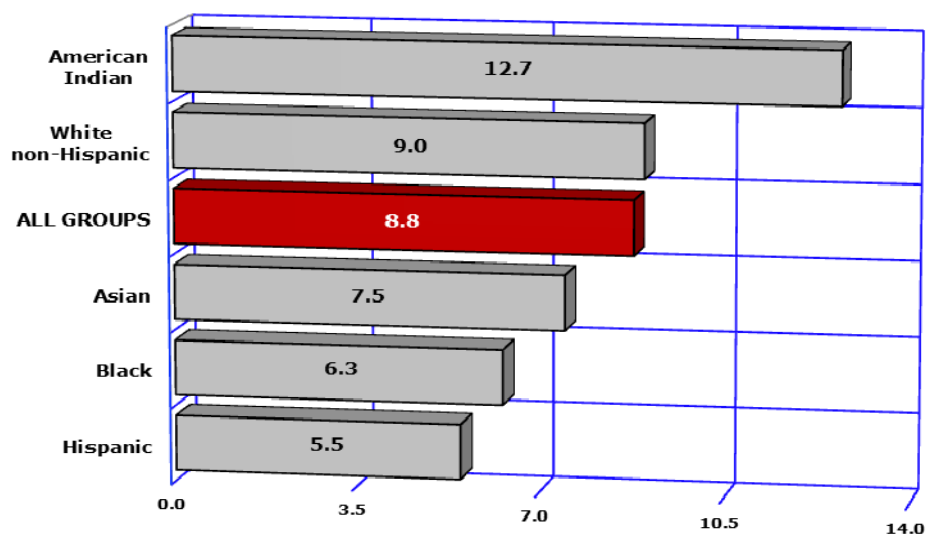
6-3 FALL-RELATED INJURIES

2013



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

2003



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

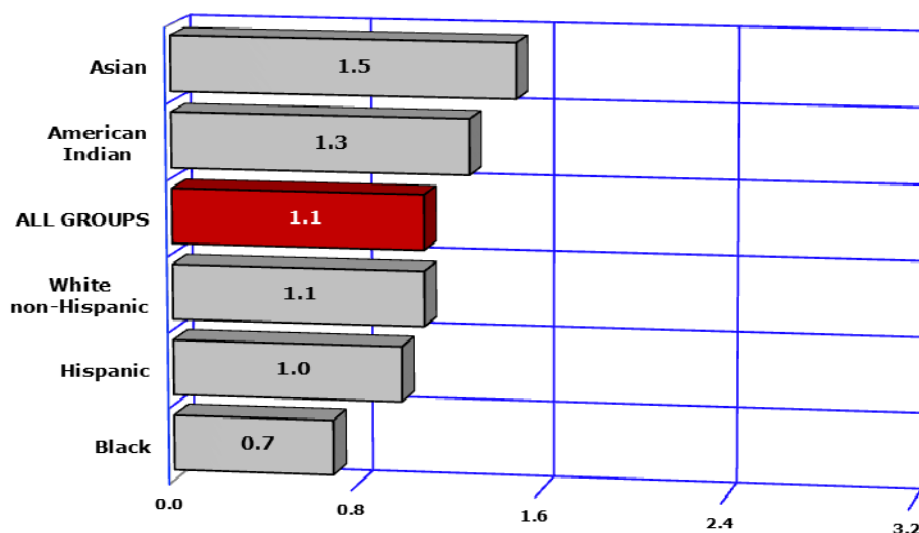
COMPARATIVE RATES FOR 2003 AND 2013

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
2003	8.8	9.0	5.5	6.3	12.7	7.5
2013	12.1	12.4	12.0	8.8	10.3	5.7
% change from 2003	37.5	37.8	118.2	39.7	-18.9	-24.0

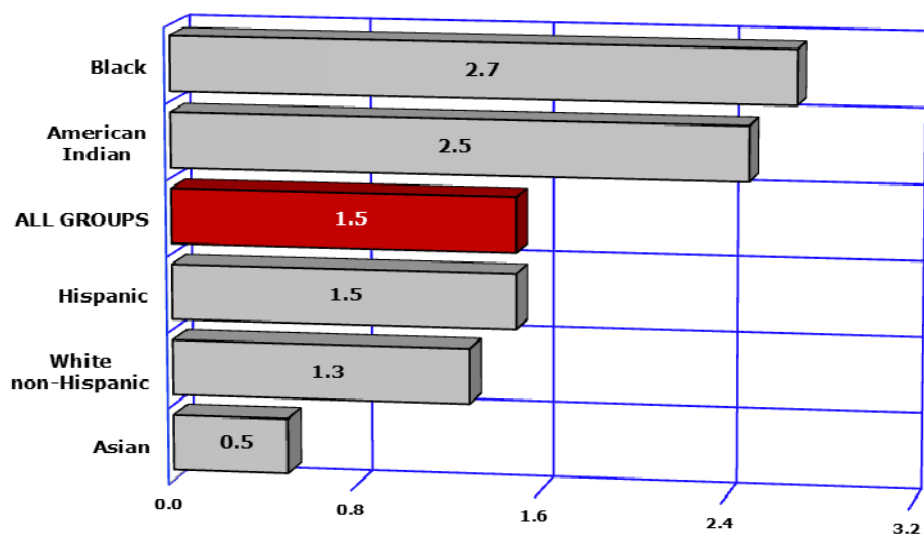
6-4 DROWNING

2013



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

2003

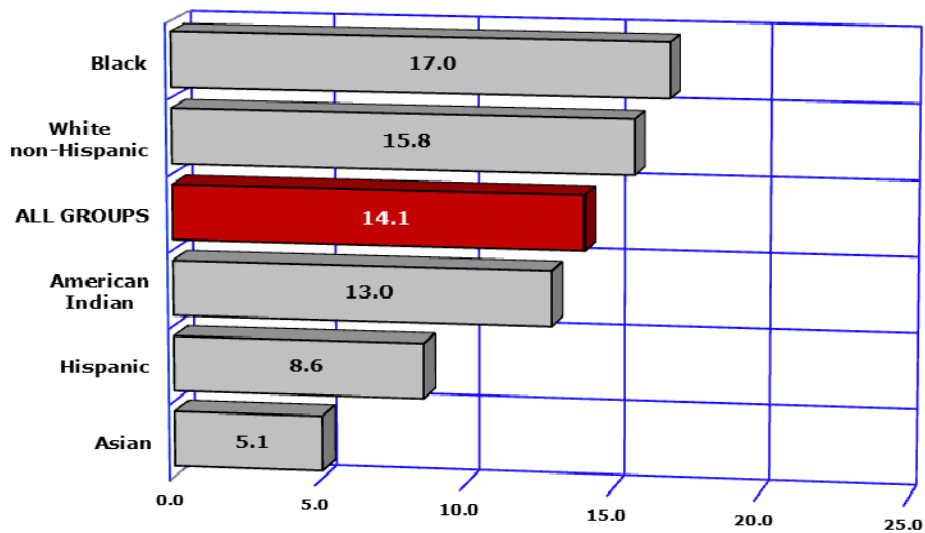


Note: Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

COMPARATIVE RATES FOR 2003 AND 2013						
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
2003	1.5	1.3	1.5	2.7	2.5	0.5
2013	1.1	1.1	1.0	0.7	1.3	1.5
% change from 2003	-26.7	-15.4	-33.3	-74.1	-48.0	200.0

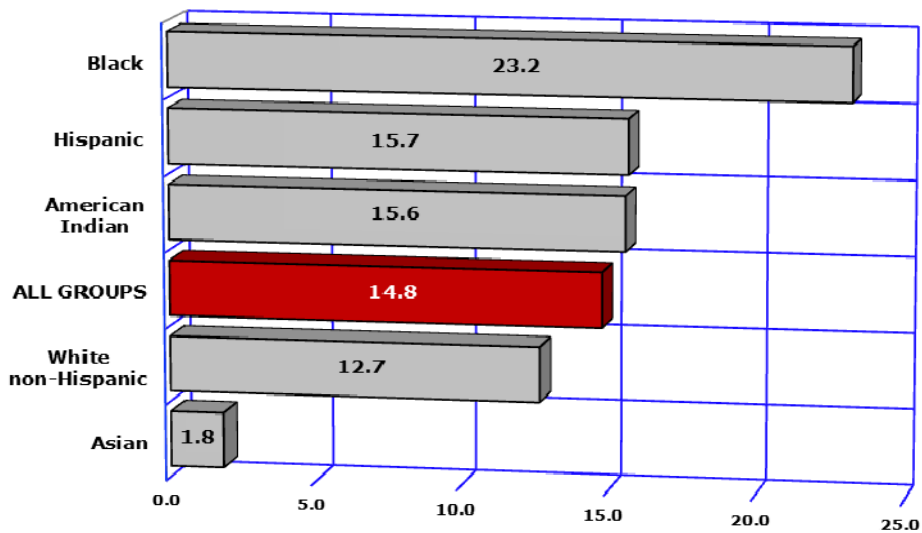
6-5 FIREARM-RELATED

2013



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

2003



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

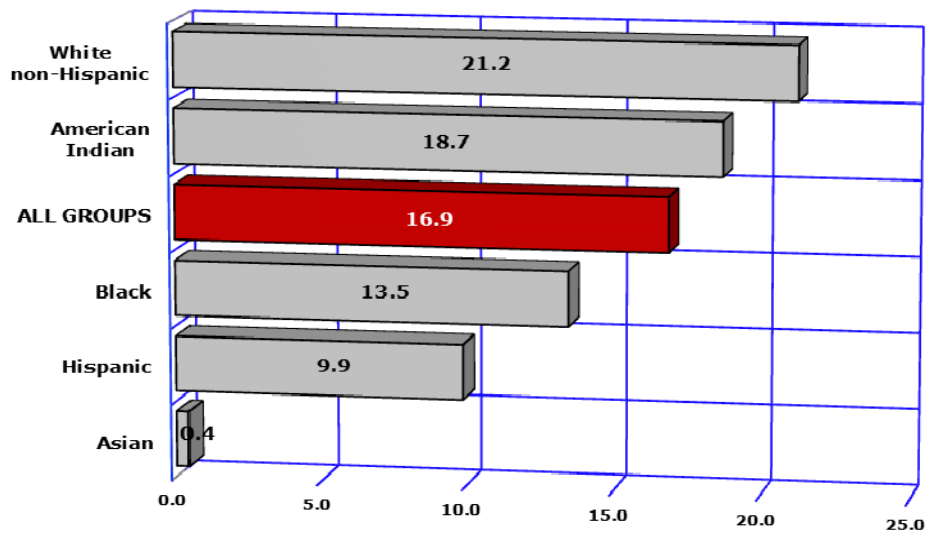
COMPARATIVE RATES FOR 2003 AND 2013

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
2003	14.8	12.7	15.7	23.2	15.6	1.8
2013	14.1	15.8	8.6	17.0	13.0	5.1
% change from 2003	-4.7	24.4	-45.2	-26.7	-16.7	183.3

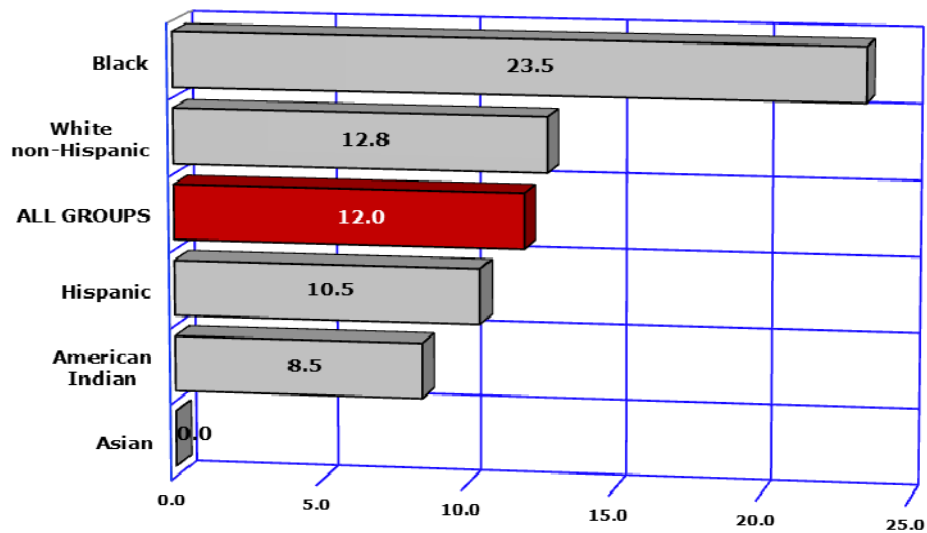
6-6 DRUG-INDUCED

2013



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

2003

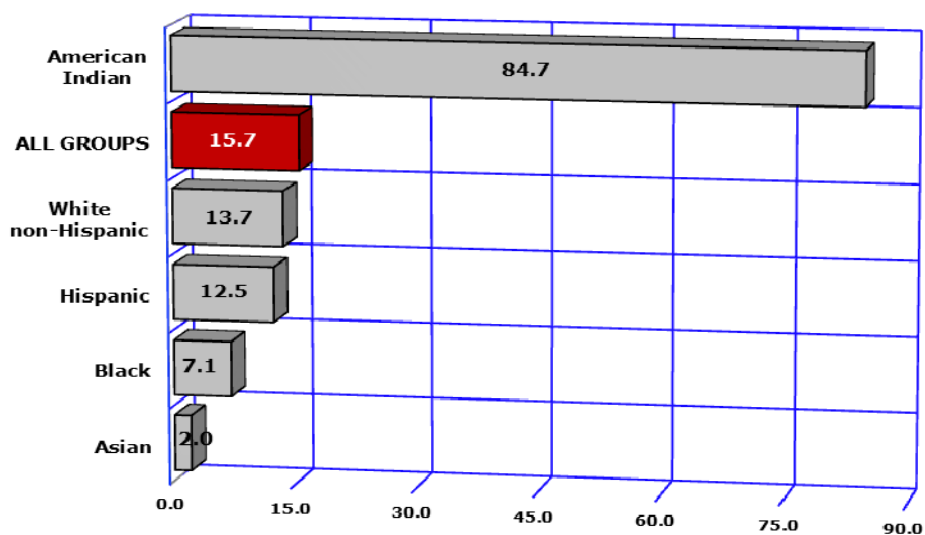


Note: Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

COMPARATIVE RATES FOR 2003 AND 2013						
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
2003	12.0	12.8	10.5	23.5	8.5	0.0
2013	16.9	21.2	9.9	13.5	18.7	0.4
% change from 2003	40.8	65.6	-5.7	-42.6	120.0	NA

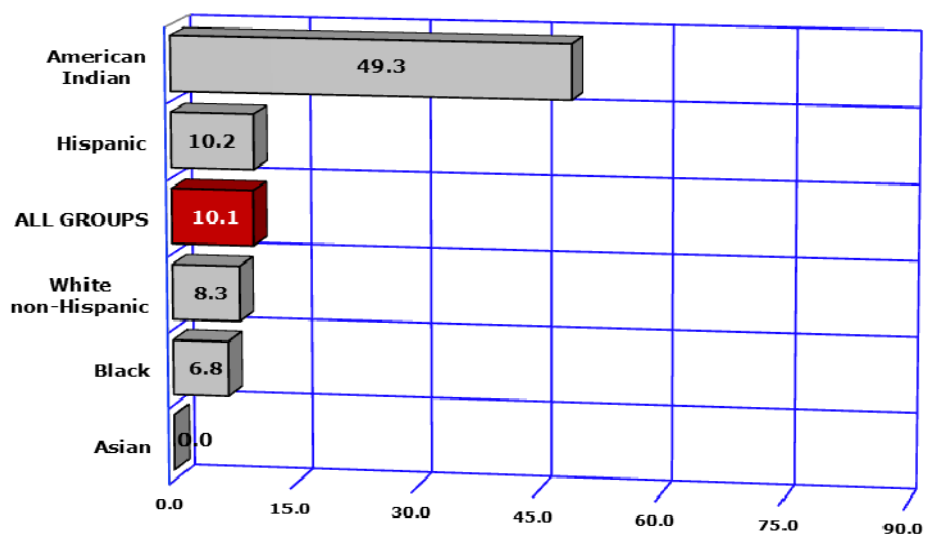
6-7 ALCOHOL-INDUCED

2013



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

2003

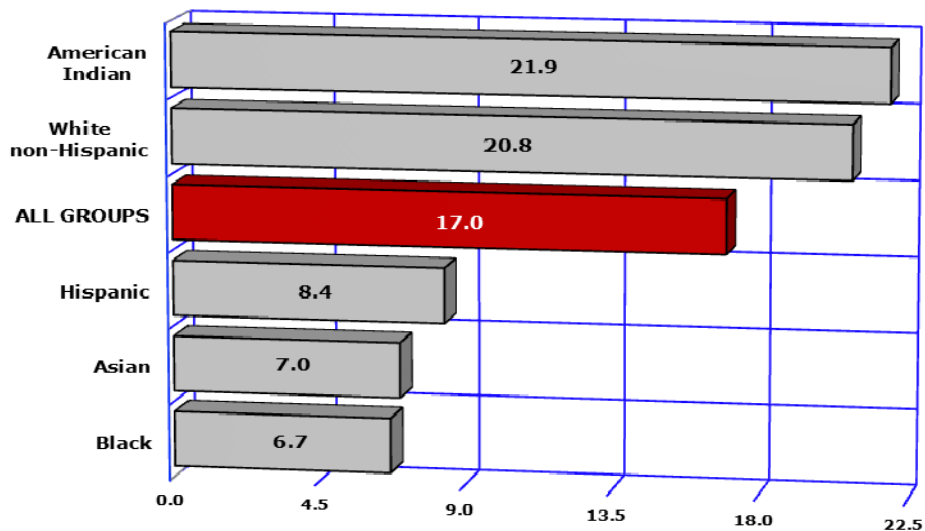


Note: Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

COMPARATIVE RATES FOR 2003 AND 2013						
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
2003	10.1	8.3	10.2	6.8	49.3	0.0
2013	15.7	13.7	12.5	7.1	84.7	2.0
% change from 2003	55.4	65.1	22.5	4.4	71.8	NA

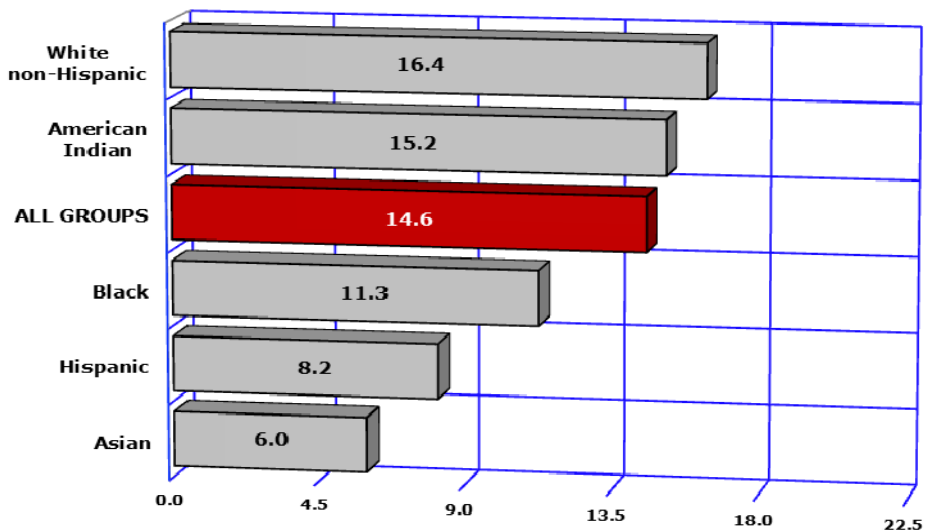
6-8 INTENTIONAL SELF-HARM (SUICIDE)

2013



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

2003



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

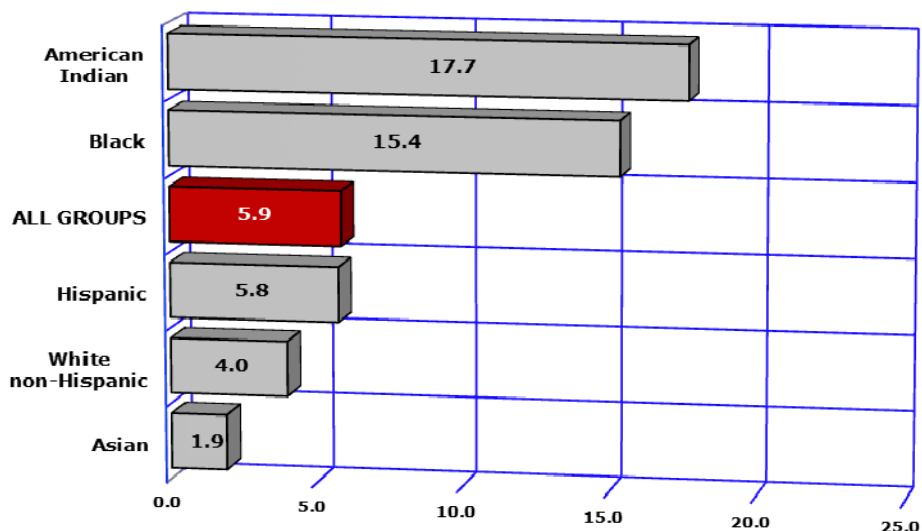
COMPARATIVE RATES FOR 2003 AND 2013

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
2003	14.6	16.4	8.2	11.3	15.2	6.0
2013	17.0	20.8	8.4	6.7	21.9	7.0
% change from 2003	16.4	26.8	2.4	-40.7	44.1	16.7

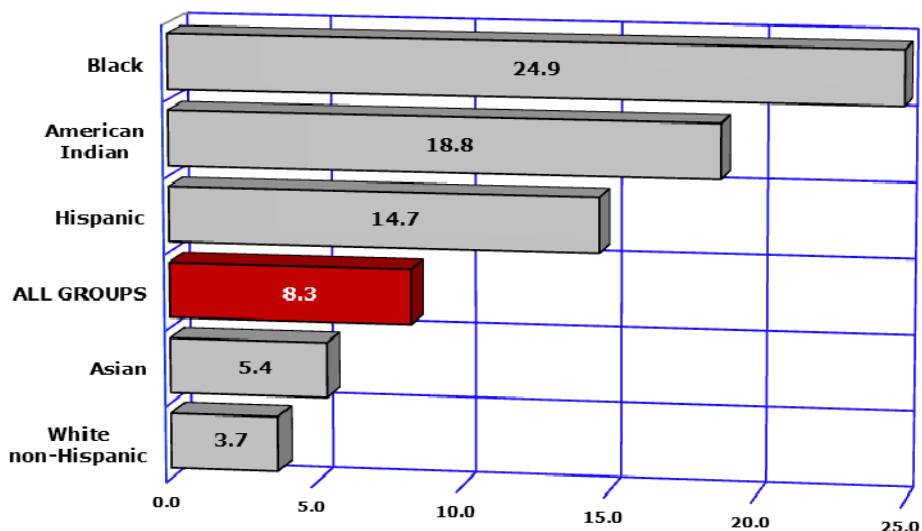
6-9 ASSAULT (HOMICIDE)

2013



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

2003



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

COMPARATIVE RATES FOR 2003 AND 2013

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
2003	8.3	3.7	14.7	24.9	18.8	5.4
2013	5.9	4.0	5.8	15.4	17.7	1.9
% change from 2003	-28.9	8.1	-60.5	-38.2	-5.9	-64.8

7 **Age-Specific Mortality**

7-1 Children 1-14 Years Old

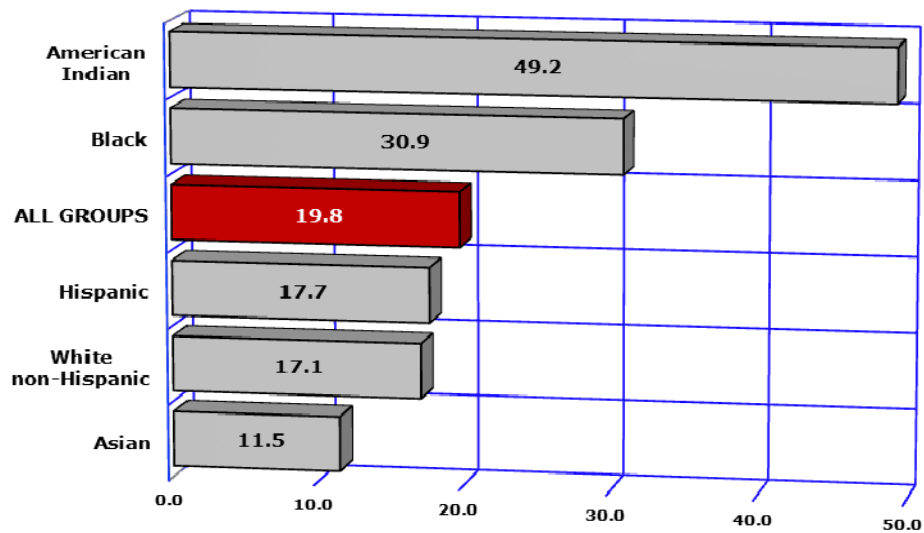
7-2 Adolescents 15-19 Years Old

7-3 Young Adults 20-44 Years Old

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

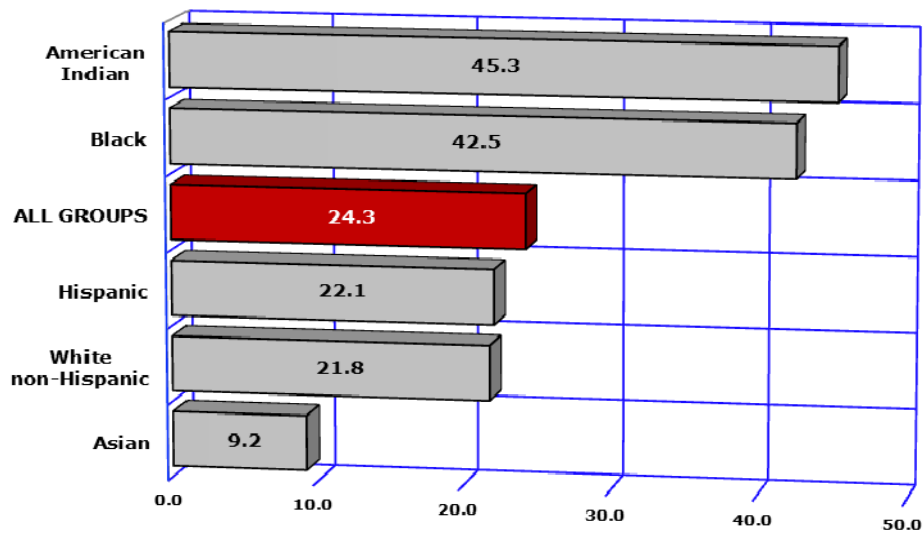
7-1 CHILDREN 1-14 YEARS OLD

2013



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

2003



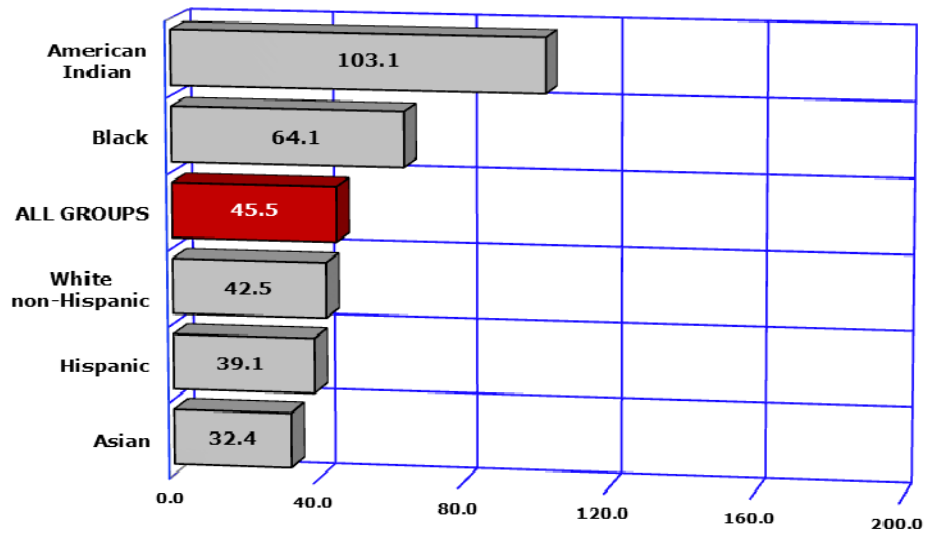
Note: Number of deaths per 100,000 children 1-14 years.

COMPARATIVE RATES FOR 2003 AND 2013

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
2003	24.3	21.8	22.1	42.5	45.3	9.2
2013	19.8	17.1	17.7	30.9	49.2	11.5
% change from 2003	-18.5	-21.6	-19.9	-27.3	8.6	25.0

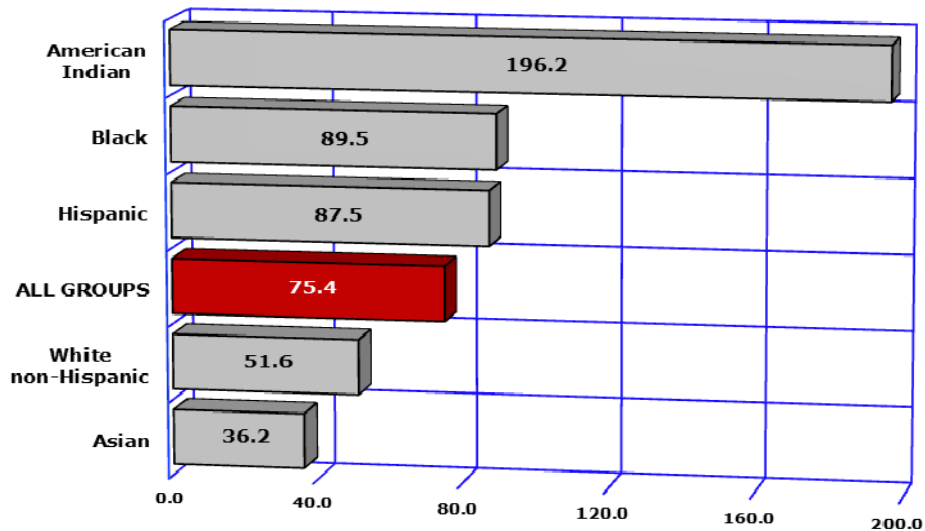
7-2 ADOLESCENTS 15-19 YEARS OLD

2013



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

2003



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

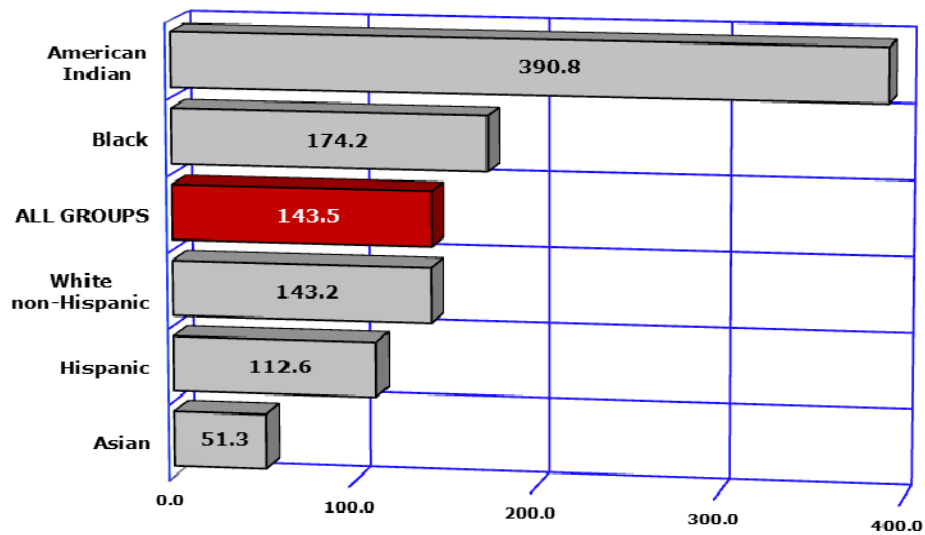
COMPARATIVE RATES FOR 2003 AND 2013

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
2003	75.4	51.6	87.5	89.5	196.2	36.2
2013	45.5	42.5	39.1	64.1	103.1	32.4
% change from 2003	-39.7	-17.6	-55.3	-28.4	-47.5	-10.5

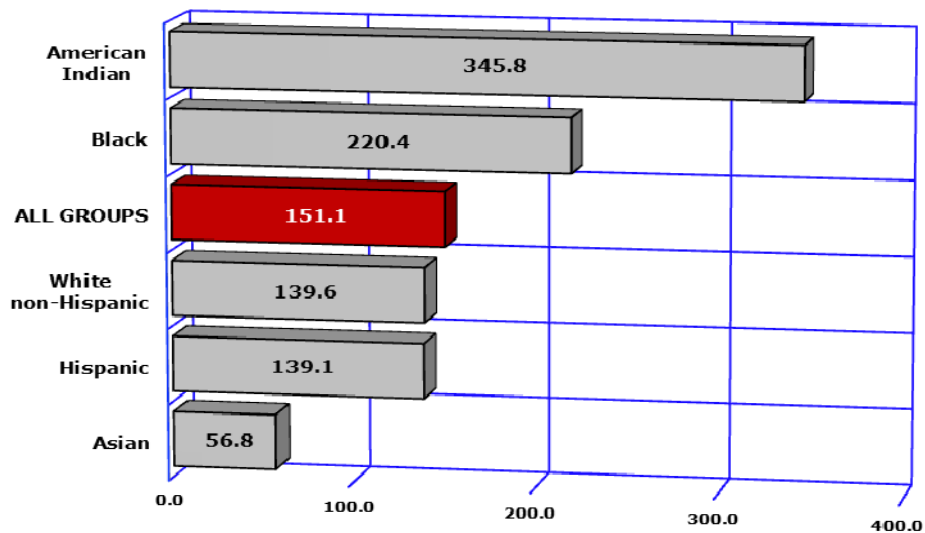
7-3 YOUNG ADULTS 20-44 YEARS OLD

2013



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

2003

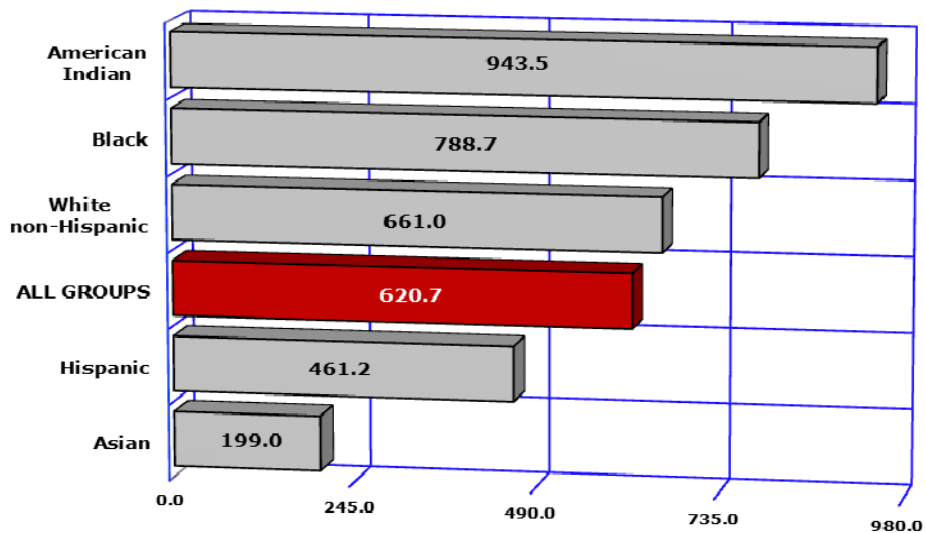


Note: Number of deaths per 100,000 young adults 20-44 years.

COMPARATIVE RATES FOR 2003 AND 2013						
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
2003	151.1	139.6	139.1	220.4	345.8	56.8
2013	143.5	143.2	112.6	174.2	390.8	51.3
% change from 2003	-5.0	2.6	-19.1	-21.0	13.0	-9.7

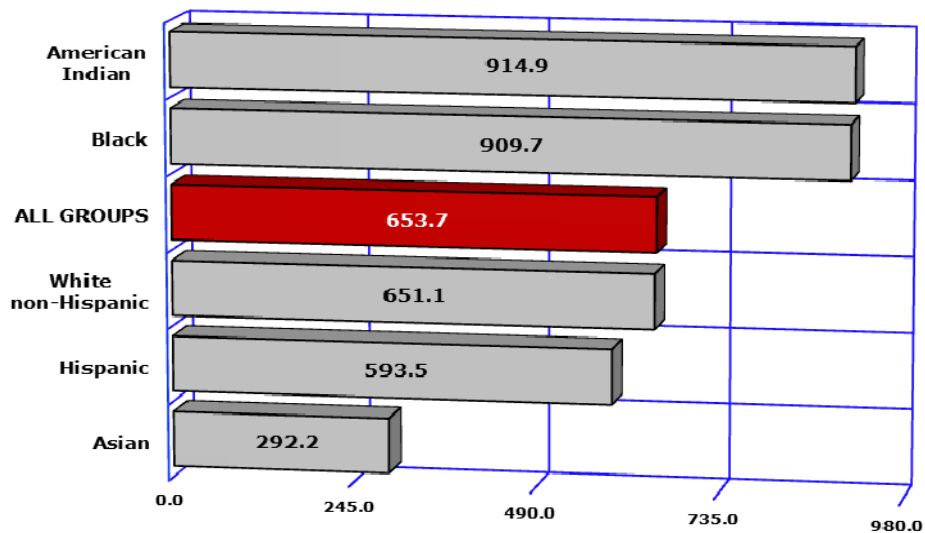
7-4 MIDDLE-AGE ADULTS 45-64 YEARS OLD

2013



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

2003



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

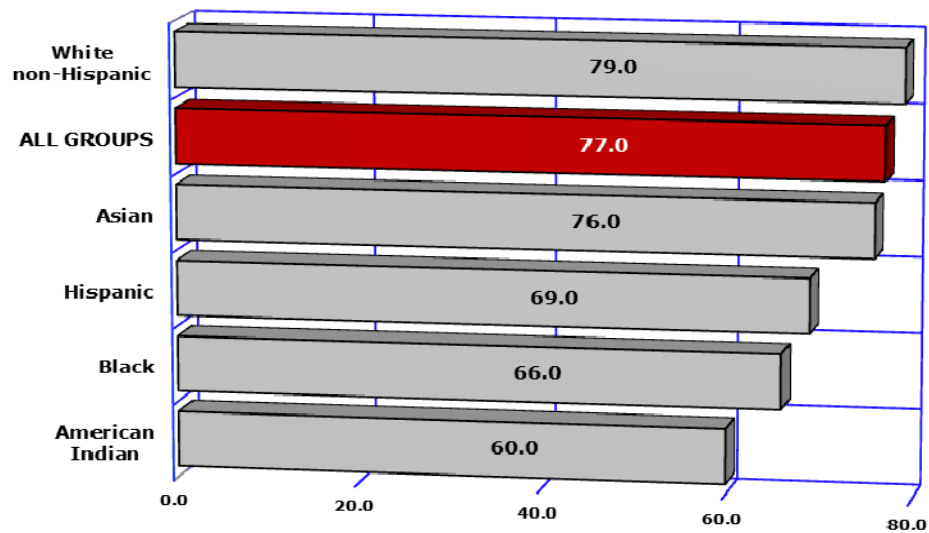
COMPARATIVE RATES FOR 2003 AND 2013						
Number of deaths per 100,000 middle-age adults 45-64 years old by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2003	653.7	651.1	593.5	909.7	914.9	292.2
2013	620.7	661.0	461.2	788.7	943.5	199.0
% change from 2003	-5.0	1.5	-22.3	-13.3	3.1	-31.9

8 Patterns of Premature Mortality

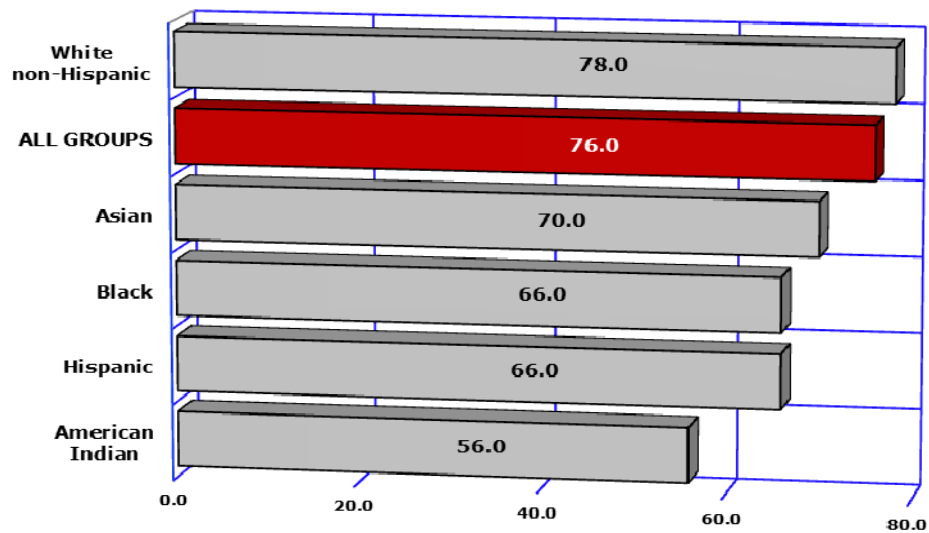
- 8-1 Median Age at Death from All Causes among Arizona Residents**
- 8-2 Median Age at Death from All Causes among Arizona Males**
- 8-3 Median Age at Death from All Causes among Arizona Females**
- 8-4 Percent of Total Deaths before Expected Years of Life Reached**

8-1 MEDIAN AGE AT DEATH FROM ALL CAUSES

2013



2003

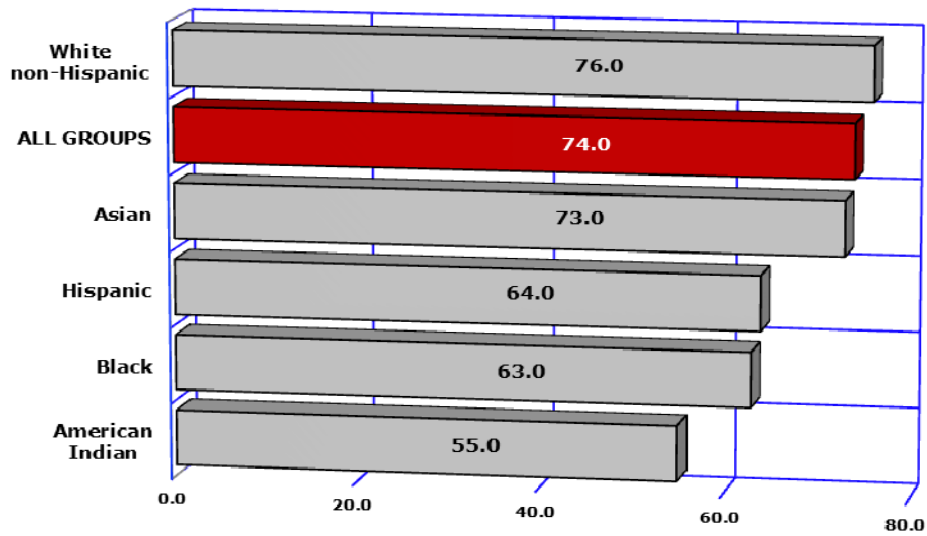


MEDIAN AGE AT DEATH IN 2003 AND 2013

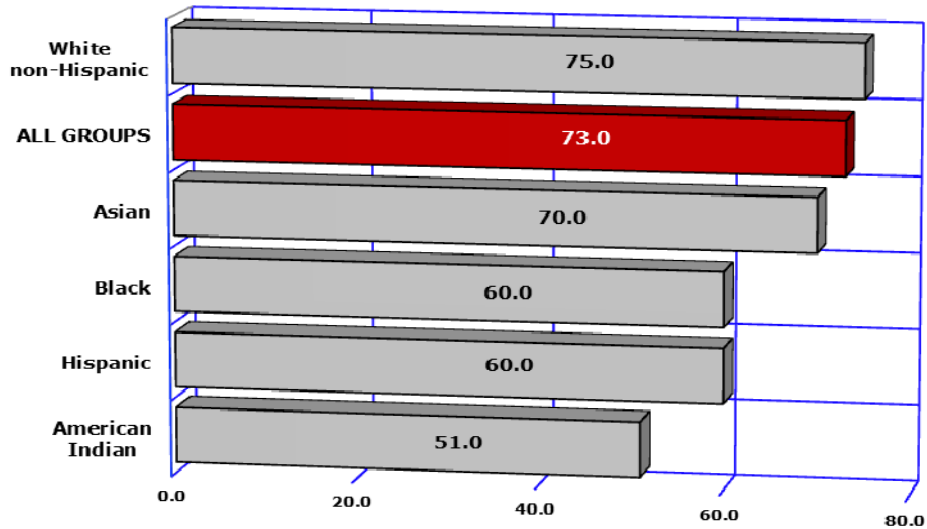
By race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2003	76.0	78.0	66.0	66.0	56.0	70.0
2013	77.0	79.0	69.0	66.0	60.0	76.0
% change from 2003	1.3	1.3	4.5	0.0	7.1	8.6

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

2013



2003

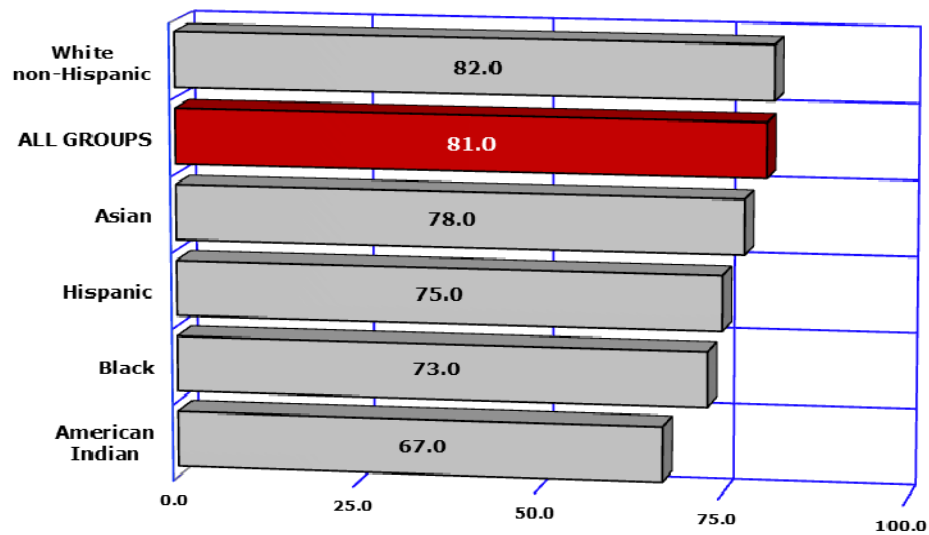


MEDIAN AGE AT DEATH AMONG MALES IN 2003 AND 2013

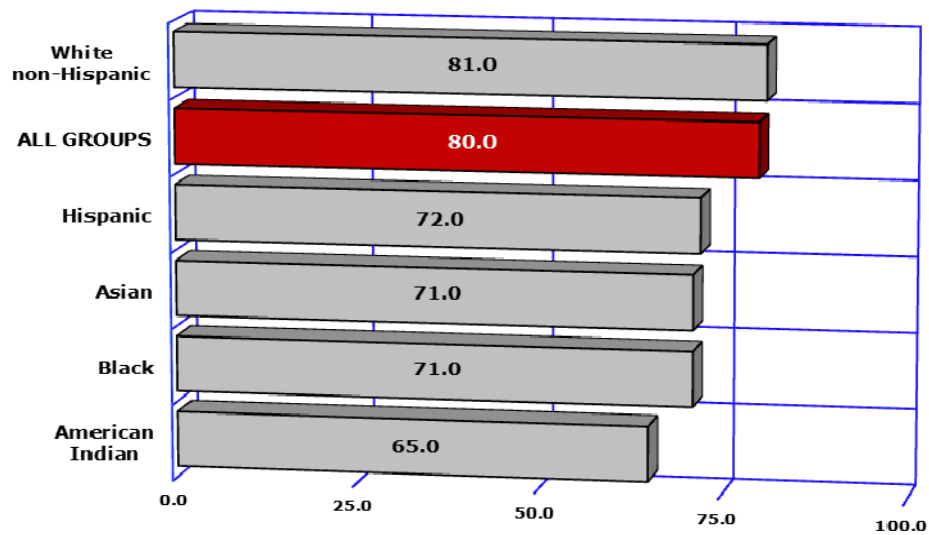
By race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2003	73.0	75.0	60.0	60.0	51.0	70.0
2013	74.0	76.0	64.0	63.0	55.0	73.0
% change from 2003	1.4	1.3	6.7	5.0	7.8	4.3

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

2013



2003

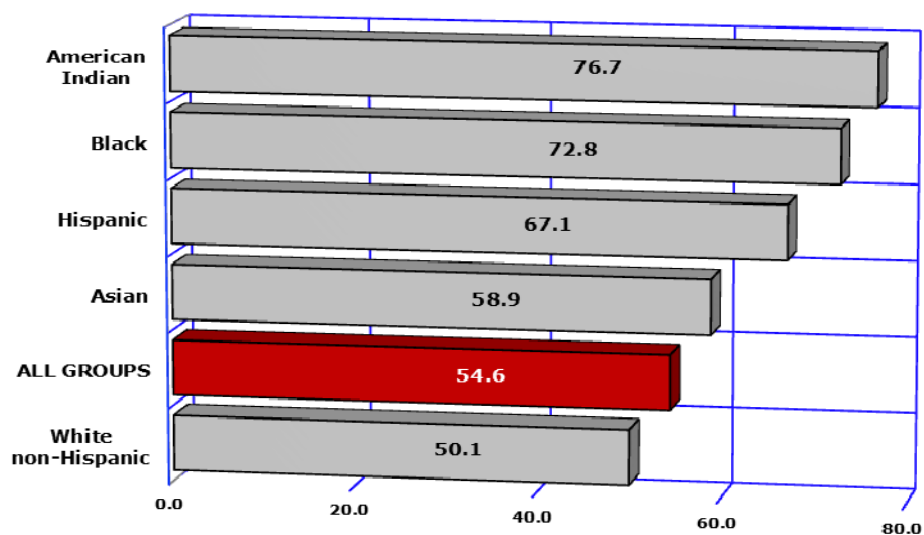


MEDIAN AGE AT DEATH AMONG FEMALES IN 2003 AND 2013

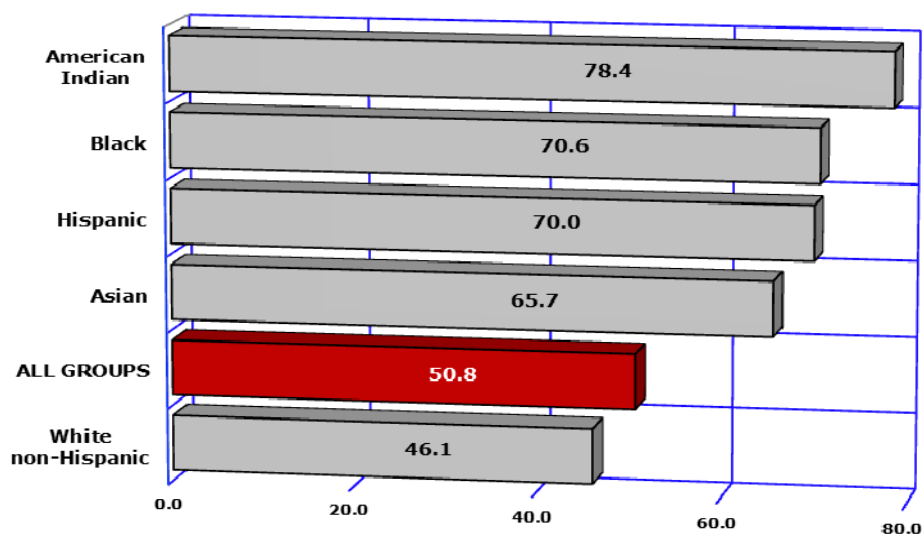
By race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2003	80.0	81.0	72.0	71.0	65.0	71.0
2013	81.0	82.0	75.0	73.0	67.0	78.0
% change from 2003	1.3	1.2	4.2	2.8	3.1	9.9

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

2013



2003



DEATHS BEFORE EXPECTED YEARS OF LIFE REACHED IN 2003 AND 2013

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
2003	50.8	46.1	70.0	70.6	78.4	65.7
2013	54.6	50.1	67.1	72.8	76.7	58.9
% change from 2003	7.5	8.7	-4.1	3.1	-2.2	-10.4

9

The Incidence of Reportable Diseases

9-1 Rates of Early Syphilis

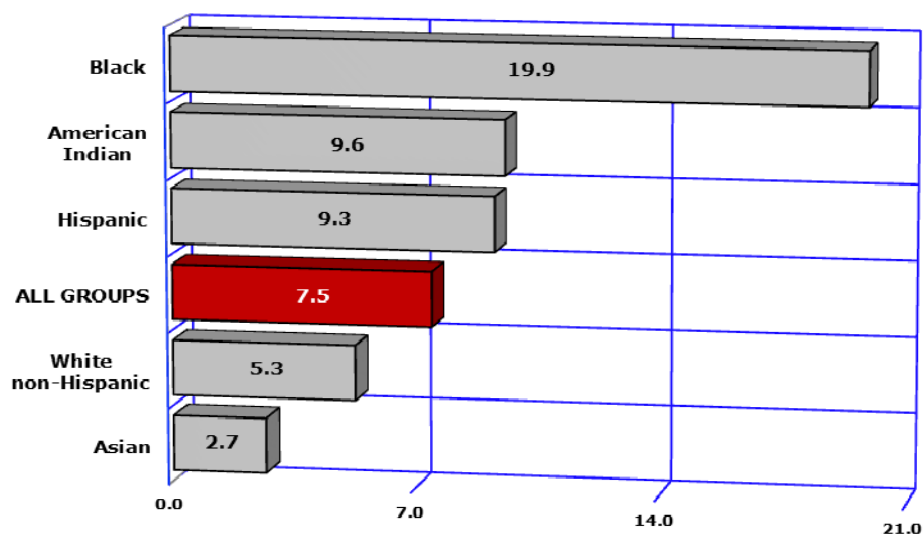
9-2 Rates of Gonorrhea

9-3 Rates of Chlamydia

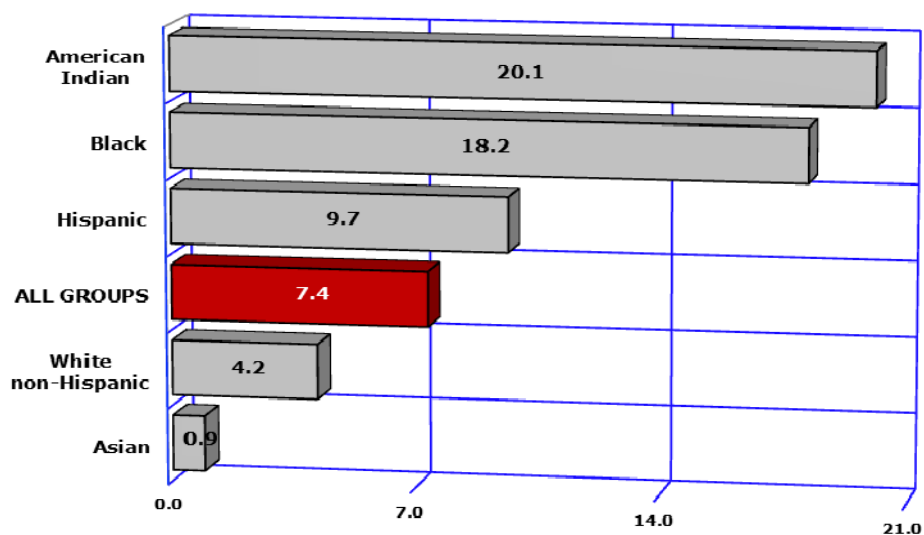
9-4 Rates of HIV/AIDS

9-1 RATES OF EARLY SYPHILIS

2013



2003

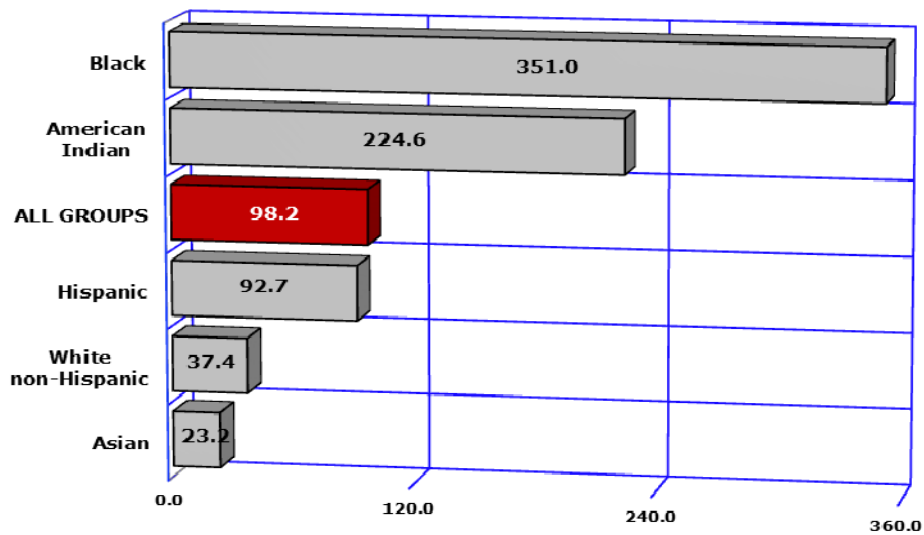


COMPARATIVE RATES FOR 2003 AND 2013

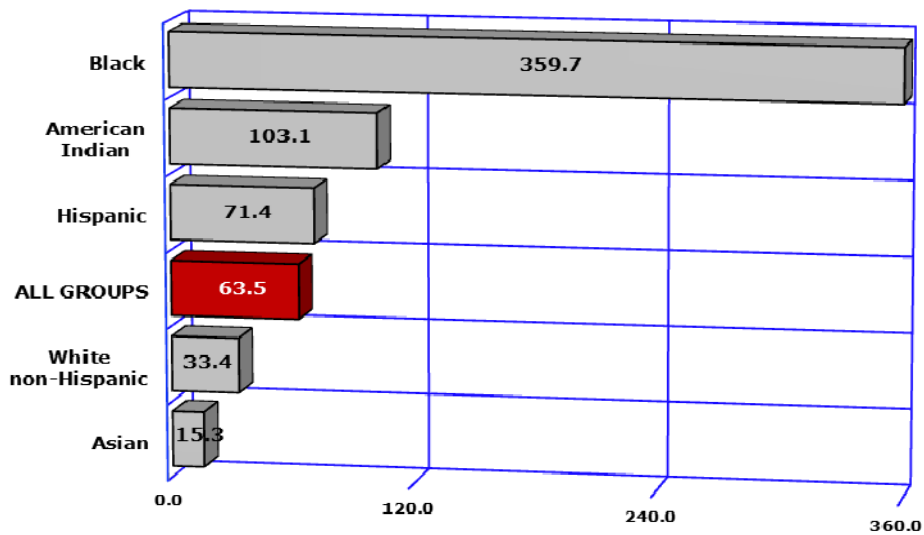
Number of reported cases per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2003	7.4	4.2	9.7	18.2	20.1	0.9
2013	7.5	5.3	9.3	19.9	9.6	2.7
% change from 2003	1.4	26.2	-4.1	9.3	-52.2	200.0

9-2 RATES OF GONORRHEA

2013



2003

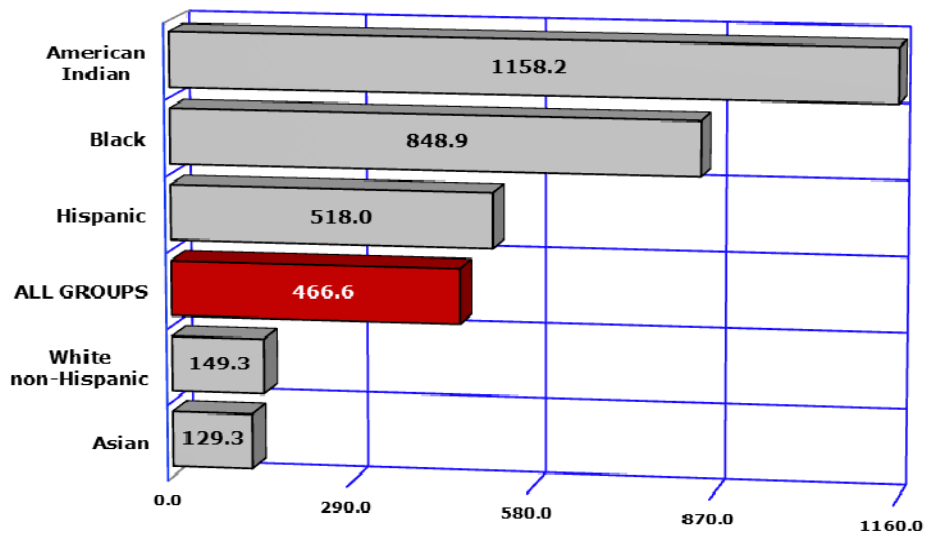


COMPARATIVE RATES FOR 2003 AND 2013

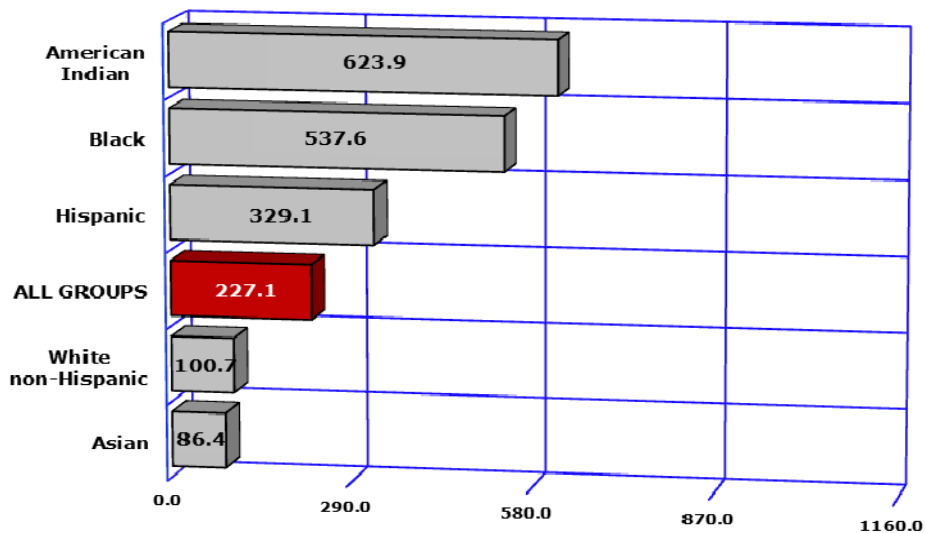
Number of reported cases per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2003	63.5	33.4	71.4	359.7	103.1	15.3
2013	98.2	37.4	92.7	351.0	224.6	23.2
% change from 2003	54.6	12.0	29.8	-2.4	117.8	51.6

9-3 RATES OF CHLAMYDIA

2013



2003

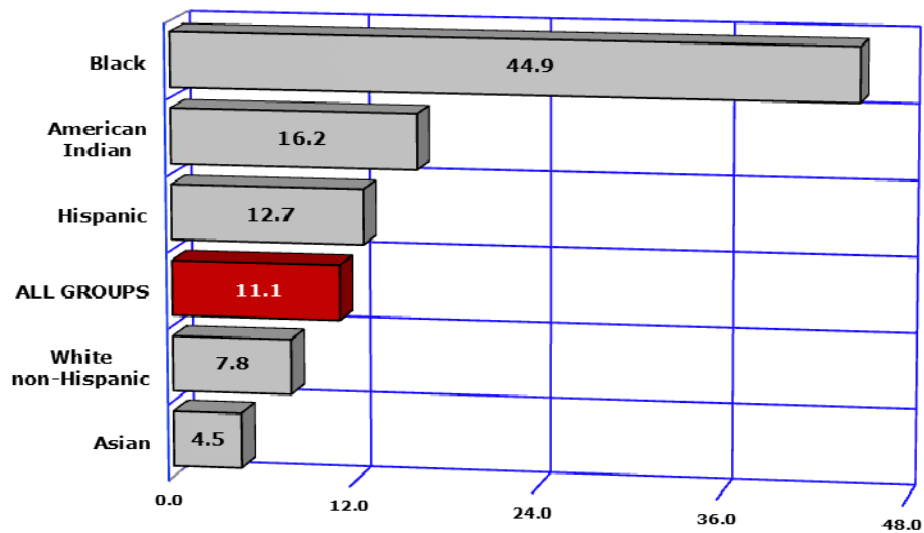


COMPARATIVE RATES FOR 2003 AND 2013

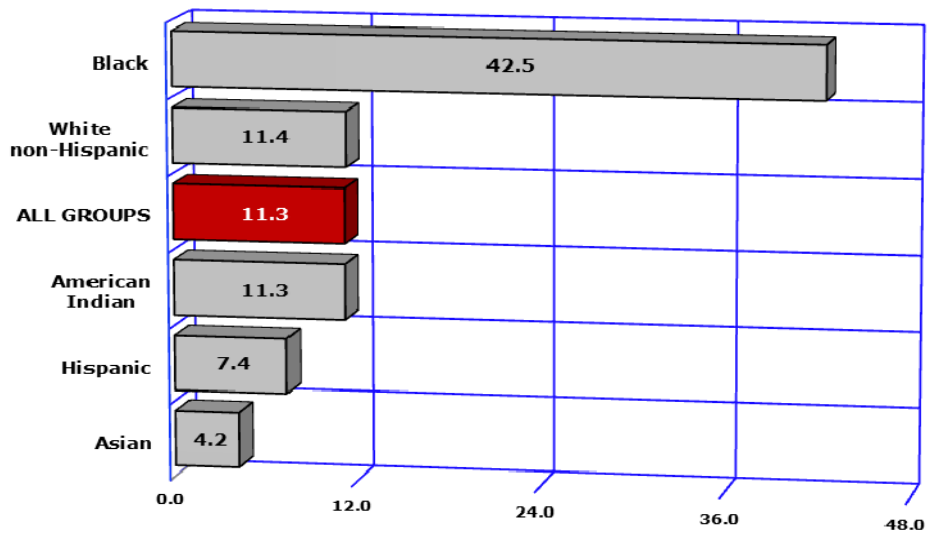
Number of reported cases per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2003	227.1	100.7	329.1	537.6	623.9	86.4
2013	466.6	149.3	518.0	848.9	1158.2	129.3
% change from 2003	105.5	48.3	57.4	57.9	85.6	49.7

9-4 RATES OF HIV/AIDS

2013



2003



COMPARATIVE RATES FOR 2003 AND 2013

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
2003	11.3	11.4	7.4	42.5	11.3	4.2
2013	11.1	7.8	12.7	44.9	16.2	4.5
% change from 2003	-1.8	-31.6	71.6	5.6	43.4	7.1

COMPARATIVE RATES AND RATIOS FOR 2003-2013

COMPARATIVE RATES AND RATIOS FOR 2003 – 2013

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						
2013	19.2	9.8	25.0	25.1	29.7	6.8
2012	21.6	10.7	28.0	26.2	33.6	7.5
2011	23.0	11.8	30.2	24.9	29.2	9.1
2010	24.7	15.9	33.8	29.5	37.0	9.9
2009	28.0	15.6	43.5	33.3	34.7	11.6
2008	31.6	17.5	49.4	37.7	35.5	13.5
2007	34.4	19.0	55.3	36.1	39.1	15.3
2006	34.1	18.9	56.0	32.6	36.2	12.9
2005	32.7	15.8	55.5	43.5	40.8	16.2
2004	34.6	17.7	59.2	44.2	39.7	19.3
2003	34.5	18.2	57.5	45.4	39.9	19.2
Figure 1-2. - Pregnancies among females 14 and younger						
2013	0.4	0.1	0.6	0.7	0.6	0.3
2012	0.5	0.1	0.6	0.8	0.5	0.2
2011	0.7	0.2	0.9	0.9	0.8	0.5
2010	0.7	0.3	0.9	1.1	1.2	0.2
2009	0.7	0.3	1.1	0.8	1.0	0.5
2008	1.0	0.3	1.7	1.6	1.4	0.5
2007	1.5	0.9	1.9	2.3	2.0	0.7
2006	1.1	0.4	1.9	1.4	1.1	0.8
2005	1.1	0.3	2.2	1.6	1.5	0.3
2004	1.1	0.3	2.3	1.6	1.4	0.6
2003	1.4	0.4	2.6	1.2	2.5	0.6
Figure 1-3. - Pregnancies among females 15-17 years old						
2013	18.0	7.1	25.9	20.9	31.5	3.7
2012	21.8	9.0	31.6	26.2	32.2	5.6
2011	22.1	9.6	31.8	22.3	28.8	7.2
2010	25.5	12.9	38.9	27.3	40.5	8.3
2009	28.5	12.3	51.3	31.6	36.9	8.2
2008	34.6	14.9	62.7	37.2	38.1	11.6
2007	36.9	15.6	68.5	36.9	42.4	12.0
2006	39.0	17.2	72.7	36.1	41.5	13.0
2005	39.1	14.9	72.9	51.6	55.0	16.2
2004	42.0	16.9	79.7	53.0	53.2	20.2
2003	41.6	17.5	76.5	59.8	52.0	22.0
Figure 1-4. - Pregnancies among females 18-19 years old						
2013	64.8	34.0	87.4	82.9	98.0	25.5
2012	70.2	35.6	93.8	81.2	110.7	26.6
2011	77.2	40.8	104.0	84.0	94.2	32.7
2010	80.8	53.9	112.6	97.0	111.0	35.5
2009	102.5	59.6	164.2	141.7	114.0	48.7
2008	111.3	65.3	177.2	155.7	115.2	53.5
2007	121.4	70.3	201.2	144.1	124.9	62.2
2006	115.6	68.6	188.1	118.1	119.8	45.0
2005	103.6	55.1	168.9	144.8	137.0	47.6
2004	108.7	61.2	177.4	149.8	134.2	55.0
2003	108.2	62.9	172.7	147.5	134.2	52.1

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						
2013	45.1	30.3	57.1	63.7	79.2	16.0
2012	45.2	30.4	57.2	64.8	78.5	17.3
2011	44.3	29.5	56.6	63.6	77.1	17.3
2010	44.7	29.9	56.2	63.1	77.7	17.4
2009	45.2	29.7	56.9	62.7	76.9	15.8
2008	45.1	29.5	56.5	62.6	75.8	17.4
2007	45.0	28.4	56.7	61.9	75.9	17.6
2006	43.9	27.7	55.4	62.3	74.8	16.2
2005	42.8	26.1	54.3	61.9	72.9	17.0
2004	41.9	24.8	53.9	62.0	73.1	15.8
2003	41.2	25.1	52.7	62.7	72.4	16.3
Figure 2-2. - Tobacco use during pregnancy						
2013	4.4	7.0	1.8	6.5	2.9	1.1
2012	4.2	6.7	1.6	6.4	2.3	1.0
2011	4.3	6.7	1.6	6.7	2.4	1.5
2010	4.7	7.5	1.7	6.9	2.5	1.7
2009	4.8	8.0	1.8	7.0	2.6	1.7
2008	4.9	8.4	1.6	7.3	2.8	1.6
2007	4.7	8.3	1.6	6.8	3.1	1.9
2006	5.1	8.8	1.8	7.2	3.6	1.8
2005	5.4	9.3	1.9	7.7	3.4	2.2
2004	5.8	9.4	2.1	9.0	3.7	2.4
2003	5.8	9.4	2.1	8.7	3.2	2.8
Figure 2-3. - Alcohol use during pregnancy						
2013	0.4	0.4	0.2	0.6	1.1	0.2
2012	0.5	0.5	0.3	0.3	1.5	0.3
2011	0.5	0.6	0.2	0.6	1.5	0.4
2010	0.5	0.5	0.2	0.8	1.9	0.4
2009	0.5	0.6	0.4	0.6	1.4	0.2
2008	0.5	0.7	0.4	0.5	1.3	0.4
2007	0.6	0.7	0.2	0.6	1.8	0.2
2006	0.6	0.8	0.3	0.6	1.9	0.4
2005	0.8	1.1	0.3	0.7	2.2	0.4
2004	0.5	0.6	0.2	0.4	1.4	0.3
2003	0.9	1.1	0.4	1.3	2.4	0.5
Figure 2-4. - Chronic hypertension						
2013	1.1	1.1	1.1	1.8	1.4	0.8
2012	0.9	0.9	0.8	1.4	1.4	1.0
2011	0.8	0.8	0.7	1.7	1.2	0.6
2010	0.9	0.9	0.6	1.8	1.5	0.6
2009	0.8	0.8	0.6	1.6	1.6	0.9
2008	0.8	0.8	0.6	1.7	1.4	0.4
2007	0.6	0.6	0.5	1.1	1.5	0.5
2006	0.6	0.6	0.4	1.0	1.4	0.5
2005	0.4	0.5	0.3	1.0	1.0	0.5
2004	0.4	0.4	0.2	0.4	0.8	0.4
2003	0.3	0.4	0.2	0.5	0.7	0.3
Figure 2-5. - Dysfunctional labor						
2013	1.7	1.5	1.7	1.7	2.6	1.8
2012	1.7	1.6	1.6	2.0	2.7	2.4
2011	1.6	1.6	1.3	1.5	3.3	1.8
2010	1.9	2.1	1.4	2.1	2.6	2.3
2009	1.6	1.8	1.2	1.5	2.5	2.5
2008	1.4	1.4	1.1	1.8	3.3	1.4
2007	1.1	1.2	0.8	1.1	2.9	1.3
2006	1.0	1.1	0.6	1.0	2.5	1.4
2005	1.2	1.4	0.8	1.0	3.0	1.5
2004	0.9	1.0	0.6	0.8	2.9	1.0
2003	0.8	0.9	0.5	0.8	2.4	0.6

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 2-6. - Anemia during pregnancy						
2013	4.7	4.1	4.6	8.1	7.0	4.5
2012	4.5	3.8	4.3	7.2	8.1	3.6
2011	3.6	3.7	2.8	5.9	6.0	2.6
2010	3.8	4.0	3.0	6.2	6.0	3.5
2009	3.6	3.7	2.6	6.0	7.2	3.0
2008	3.9	4.3	2.9	6.3	7.2	3.4
2007	3.0	3.3	2.0	4.3	6.8	2.4
2006	2.0	1.7	1.6	2.3	6.6	1.5
2005	2.0	2.0	1.5	3.5	5.6	1.6
2004	2.2	2.4	1.5	2.5	5.5	1.5
2003	2.0	2.3	1.2	2.8	5.5	1.7
Figure 2-7. - Diabetes during pregnancy						
2013	5.7	4.4	6.1	5.0	11.1	9.7
2012	5.1	3.7	5.8	4.3	9.9	7.9
2011	4.6	3.4	5.1	3.8	9.3	7.5
2010	4.2	3.2	4.5	3.4	7.8	6.8
2009	3.9	3.0	4.0	2.9	8.2	6.1
2008	3.9	2.9	4.1	2.9	8.2	6.8
2007	3.4	2.7	3.3	3.0	8.0	5.9
2006	3.2	2.5	3.2	2.7	7.2	4.5
2005	3.0	2.2	2.9	2.3	8.2	4.7
2004	2.5	2.0	2.1	1.9	7.6	3.9
2003	2.1	1.8	1.8	2.2	6.0	3.0
Figure 2-8. - Pregnancy-associated hypertension						
2013	5.6	5.9	4.9	6.4	7.4	4.9
2012	4.5	4.7	4.0	4.9	6.5	3.8
2011	4.2	4.5	3.5	5.2	6.3	3.1
2010	3.9	4.1	3.3	4.6	6.1	3.2
2009	3.6	4.2	2.7	4.3	5.5	2.5
2008	3.5	4.0	2.7	4.5	5.9	3.0
2007	3.1	3.7	2.2	3.5	5.8	2.4
2006	2.9	3.3	2.1	3.5	5.9	1.8
2005	3.1	3.8	2.1	3.0	5.8	2.4
2004	2.9	3.6	1.9	2.8	5.4	2.3
2003	2.8	3.4	1.9	2.7	5.7	1.9
Figure 2-9. - Genital herpes during pregnancy						
2013	1.1	1.4	0.8	1.8	0.7	0.6
2012	1.1	1.4	0.7	2.0	0.8	0.9
2011	1.0	1.4	0.6	1.5	0.7	0.8
2010	1.0	1.4	0.6	1.7	0.7	0.7
2009	1.0	1.5	0.6	1.2	0.6	0.6
2008	1.0	1.5	0.5	1.3	0.9	0.6
2007	0.7	1.2	0.3	0.8	0.5	0.5
2006	0.7	1.1	0.3	1.0	0.4	0.4
2005	0.7	1.2	0.3	1.1	0.5	0.7
2004	0.7	1.2	0.3	0.8	0.4	0.4
2003	0.6	1.0	0.2	1.0	0.5	0.5
Figure 2-10. - Weight gain of less than 21 pounds						
2013	27.6	20.7	33.9	31.7	36.3	23.9
2012	26.4	19.7	32.4	30.5	35.9	23.6
2011	26.4	20.1	32.2	30.0	35.6	22.5
2010	26.8	20.0	32.7	31.3	35.2	23.1
2009	26.9	19.7	33.1	31.0	34.6	21.8
2008	25.9	18.6	32.3	27.2	32.9	20.3
2007	25.3	18.1	31.2	27.5	31.9	19.4
2006	25.5	18.5	31.3	28.2	33.4	21.0
2005	24.4	16.9	30.1	27.9	32.4	18.7
2004	20.6	15.1	24.3	23.4	28.5	18.4
2003	19.7	14.5	22.9	23.3	31.9	16.0

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						
2013	18.7	12.6	23.8	21.8	31.3	13.6
2012	17.4	11.6	21.8	20.1	31.8	12.9
2011	18.3	12.0	23.5	19.6	31.4	13.5
2010	18.1	11.8	23.4	18.4	30.6	11.9
2009	19.7	12.1	25.9	19.7	34.0	11.9
2008	20.6	12.7	26.6	22.4	34.9	13.6
2007	22.4	13.5	29.5	23.2	34.1	13.5
2006	22.3	13.1	29.9	22.6	34.1	13.9
2005	22.3	12.3	30.5	24.4	32.1	13.7
2004	23.7	12.7	33.0	24.2	31.0	15.3
2003	24.4	13.2	34.2	24.3	31.2	15.8
Figure 3-2. - Fewer than five prenatal visits						
2013	5.1	2.8	6.8	6.0	11.9	3.3
2012	4.8	2.6	6.4	5.6	11.1	3.1
2011	5.0	2.3	6.9	5.6	11.5	3.3
2010	4.9	2.3	6.8	5.8	11.0	3.1
2009	5.3	2.5	7.4	5.3	10.7	3.4
2008	5.4	2.7	6.9	5.8	12.4	3.7
2007	6.0	3.0	8.1	7.1	12.0	3.3
2006	6.4	2.9	8.8	6.4	13.2	3.2
2005	6.5	2.8	19.2	13.4	12.6	3.5
2004	7.4	2.8	11.0	7.9	12.1	4.4
2003	7.2	2.9	10.4	7.6	11.8	4.5
Figure 3-3. - No prenatal care						
2013	1.4	0.7	2.1	1.3	2.4	0.7
2012	1.2	0.6	1.9	1.1	2.0	0.7
2011	1.6	0.6	2.5	1.6	2.5	1.0
2010	1.6	0.6	2.6	1.7	2.3	1.2
2009	1.8	0.7	2.9	1.6	2.1	1.3
2008	1.8	0.7	2.5	2.1	3.1	1.3
2007	2.2	0.9	3.2	2.7	3.2	1.5
2006	2.4	0.9	3.6	2.3	3.5	1.2
2005	2.3	0.8	6.7	4.4	3.0	1.0
2004	2.8	0.7	4.5	3.3	3.0	1.5
2003	2.9	0.6	4.8	3.5	2.4	1.6

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						
2013	0.2	0.3	0.3	0.3	0.1	0.1
2012	0.2	0.2	0.2	0.3	0.1	0.3
2011	0.3	0.3	0.3	0.4	0.2	0.1
2010	0.4	0.5	0.4	0.8	0.2	0.3
2009	0.5	0.6	0.4	0.7	0.2	0.3
2008	0.5	0.7	0.4	0.4	0.3	0.6
2007	0.4	0.5	0.2	0.6	0.2	0.4
2006	0.2	0.3	0.2	0.4	0.3	0.2
2005	0.3	0.4	0.1	0.5	0.3	0.2
2004	0.3	0.4	0.2	0.3	0.4	0.3
2003	0.3	0.5	0.2	0.2	0.3	0.3

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 4-2. - Newborn intensive care						
2013	5.3	5.3	5.2	7.2	4.1	5.5
2012	4.9	4.7	4.9	6.9	4.2	4.1
2011	5.4	5.6	5.2	7.5	4.3	5.2
2010	6.2	6.3	5.8	8.1	5.6	6.0
2009	6.2	6.5	5.8	9.2	4.7	6.2
2008	6.0	6.5	5.4	7.6	4.9	6.7
2007	5.1	5.7	4.5	7.3	4.5	4.9
2006	5.1	5.7	4.4	7.0	4.8	4.9
2005	5.7	6.5	5.1	7.4	5.1	5.4
2004	5.7	6.4	5.2	7.2	4.4	5.8
2003	5.4	6.2	4.7	7.0	4.2	5.6
Figure 4-3. - Born too early (preterm or <37 weeks)						
2013	9.0	8.4	9.3	11.8	9.7	8.9
2012	9.2	8.7	9.4	11.9	9.7	8.4
2011	9.3	9.1	9.1	12.7	9.0	9.0
2010	9.7	9.3	9.5	12.3	10.7	10.0
2009	10.0	9.9	9.7	14.4	9.6	10.0
2008	10.2	10.1	9.9	14.0	9.8	10.0
2007	10.3	10.4	9.8	14.9	10.4	9.6
2006	10.6	10.5	10.1	14.5	11.7	10.4
2005	10.7	10.9	10.1	16.4	10.6	10.2
2004	11.0	11.4	10.3	14.4	10.9	11.0
2003	10.5	11.0	9.8	14.4	9.8	10.8
Figure 4-4. - Born too small: low-birthweight (<2,500 grams)						
2013	6.9	6.4	6.6	11.1	7.2	7.9
2012	6.9	6.5	6.8	11.7	6.7	7.2
2011	7.0	6.7	6.4	12.5	6.9	8.3
2010	7.1	6.7	6.8	11.4	7.0	8.5
2009	7.1	6.9	6.6	12.8	6.4	8.8
2008	7.1	6.9	6.7	11.7	6.7	9.1
2007	7.1	7.1	6.6	12.8	6.6	8.0
2006	7.1	6.7	6.9	12.7	7.4	8.5
2005	6.9	6.9	6.4	12.6	7.3	8.0
2004	7.2	7.2	6.8	11.6	7.2	8.0
2003	7.1	6.9	6.9	11.7	6.8	8.5
Figure 4-5. - Born too small: very low-birthweight (<1,500 grams)						
2013	1.1	1.0	1.1	2.0	1.0	1.1
2012	1.2	1.0	1.1	2.3	1.1	0.8
2011	1.2	1.1	1.1	2.5	1.3	1.1
2010	1.1	0.9	1.1	2.6	1.2	1.4
2009	1.2	1.1	1.1	2.8	0.9	1.5
2008	1.2	1.1	1.1	2.6	1.1	1.5
2007	1.2	1.1	1.2	2.6	1.0	1.0
2006	1.2	1.1	1.2	2.3	1.1	1.1
2005	1.2	1.1	1.2	2.5	1.1	1.2
2004	1.2	1.1	1.2	2.5	0.9	1.1
2003	1.1	1.1	1.1	2.2	0.9	1.5
Figure 4-6. - Incidence of congenital anomalies (birth defects)						
2013	0.7	0.7	0.8	0.9	0.8	0.5
2012	0.8	0.8	0.8	0.7	0.9	0.8
2011	1.1	1.1	1.1	1.0	1.4	0.8
2010	0.6	0.6	0.7	0.6	0.6	0.5
2009	0.6	0.7	0.6	0.7	0.8	0.4
2008	0.9	0.9	0.9	0.8	0.9	0.7
2007	0.8	0.9	0.7	0.7	1.4	0.8
2006	0.9	0.9	0.8	0.8	1.2	0.5
2005	1.0	1.0	0.9	0.9	1.5	1.2
2004	1.0	1.0	1.0	0.6	1.6	0.7
2003	1.0	1.0	1.0	1.0	1.3	1.0

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 4-7. - Infant mortality						
2013	5.3	4.2	5.6	12.5	6.6	1.7
2012	5.8	4.0	7.1	11.0	7.4	3.3
2011	5.9	4.5	7.1	7.3	7.4	2.9
2010	6.0	3.9	6.8	11.1	8.1	3.9
2009	5.9	4.8	5.6	17.1	8.4	3.8
2008	6.3	5.1	5.9	17.7	8.2	7.9
2007	6.8	5.6	7.4	15.1	8.1	3.2
2006	6.3	5.4	6.6	16.8	6.4	2.2
2005	6.8	6.2	7.0	12.8	8.3	5.3
2004	6.7	5.4	7.7	12.1	7.2	3.8
2003	6.5	5.4	7.0	15.9	7.5	4.4
Figure 4-8. - Sudden Infant Death Syndrome (SIDS)						
2013	0.2	0.2	0.1	0.6	0.2	0.0
2012	0.2	0.1	0.1	0.4	0.2	0.3
2011	0.3	0.2	0.3	0.5	0.3	0.0
2010	0.4	0.3	0.3	0.5	0.9	0.3
2009	0.5	0.3	0.4	1.8	0.8	0.3
2008	0.2	0.1	0.1	0.9	0.6	0.3
2007	0.4	0.5	0.3	1.0	0.6	0.0
2006	0.4	0.5	0.2	0.8	0.3	0.3
2005	0.3	0.3	0.3	0.6	0.6	0.7
2004	0.3	0.3	0.3	0.6	0.0	0.0
2003	0.3	0.3	0.3	0.7	0.3	0.0
Figure 4-9. - Mortality of infants from low birthweight/short gestation						
2013	0.7	0.4	0.9	1.7	0.5	0.3
2012	0.7	0.5	1.1	0.5	0.2	0.0
2011	0.7	0.5	0.8	1.1	1.2	0.6
2010	0.7	0.3	1.0	2.5	1.0	0.0
2009	1.1	0.8	1.3	3.0	0.5	0.6
2008	0.9	0.6	0.8	3.5	0.6	2.0
2007	0.9	0.5	1.2	2.4	0.8	0.9
2006	0.9	0.6	1.1	2.6	1.1	0.6
2005	0.8	0.5	1.2	1.2	0.5	0.0
2004	0.9	0.7	1.1	2.2	0.5	0.0
2003	0.9	0.6	1.1	3.6	0.9	0.4
Figure 4-10. - Neonatal mortality						
2013	3.4	2.5	4.0	8.0	3.7	0.9
2012	3.9	2.6	5.1	7.2	3.8	1.9
2011	3.9	3.1	4.7	4.6	3.3	2.9
2010	3.8	2.5	4.5	7.4	3.8	3.3
2009	3.9	3.2	3.9	10.5	4.2	2.9
2008	4.2	3.3	4.1	11.9	4.6	6.4
2007	4.7	3.8	5.2	10.3	4.2	2.6
2006	4.3	3.7	4.7	9.6	4.0	1.0
2005	4.4	4.1	4.9	5.5	4.3	3.2
2004	4.5	3.9	5.1	7.8	3.4	2.7
2003	4.3	3.7	4.9	10.3	3.1	2.0
Figure 4-11. - Postneonatal mortality						
2013	1.9	1.7	1.6	4.4	2.9	0.9
2012	1.9	1.4	2.0	3.8	3.6	1.4
2011	2.0	1.3	2.4	2.7	4.1	0.0
2010	2.2	1.4	2.3	3.7	4.3	0.6
2009	2.0	1.6	1.7	6.6	4.2	0.9
2008	2.1	1.8	1.8	5.8	3.6	1.5
2007	2.2	1.8	2.2	4.8	3.9	0.6
2006	2.0	1.7	1.9	7.2	2.4	1.2
2005	2.4	2.1	2.1	7.3	4.0	2.1
2004	2.2	1.4	2.6	4.4	3.8	1.1
2003	2.2	1.7	2.1	5.6	4.4	2.4

5. MORTALITY FROM NATURAL CAUSES - Chronic or infectious diseases

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

Indicator	ALL ARIZONA RESIDENTS	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
Figure 5-1. - Cardiovascular diseases						
2013	187.7	190.9	161.9	280.2	164.2	133.6
2012	193.3	195.1	176.2	284.0	168.3	134.7
2011	201.0	212.6	193.4	266.1	149.2	122.4
2010	188.6	188.8	172.4	258.5	183.2	130.0
2009	188.8	188.3	179.8	245.7	164.2	150.8
2008	194.1	196.3	184.8	219.6	150.4	121.4
2007	194.4	196.9	179.8	225.9	155.0	108.9
2006	216.4	218.2	203.2	310.3	167.0	136.2
2005	245.7	241.3	266.1	343.3	235.6	243.0
2004	248.5	243.1	284.1	372.5	214.6	200.3
2003	258.4	257.2	278.2	390.1	188.6	145.3
Figure 5-2. - Diseases of the heart						
2013	143.0	147.6	116.1	200.5	122.9	82.5
2012	145.8	150.0	123.4	190.5	122.7	87.9
2011	152.7	164.3	137.4	174.0	111.1	77.0
2010	143.3	145.4	121.3	177.7	135.9	86.8
2009	145.9	147.5	130.5	171.3	125.8	96.7
2008	149.3	153.1	132.0	161.7	114.6	71.8
2007	149.5	153.2	131.5	171.3	115.2	58.6
2006	166.1	168.8	149.8	231.9	129.4	94.7
2005	186.9	185.2	189.6	250.3	179.1	159.8
2004	186.7	184.9	197.6	258.5	166.9	135.3
2003	197.1	197.7	198.5	299.4	141.9	97.6
Figure 5-3. - Coronary heart disease						
2013	110.0	113.3	91.6	164.0	92.7	63.4
2012	112.7	115.9	95.5	156.1	88.9	80.5
2011	120.3	130.6	106.0	142.7	79.6	61.0
2010	112.9	114.5	96.3	159.3	98.6	75.6
2009	115.9	117.3	103.7	137.3	94.6	81.0
2008	118.3	121.8	103.3	131.9	83.2	61.5
2007	115.0	118.0	101.7	136.6	84.6	47.9
2006	130.2	132.3	117.3	190.1	97.6	86.2
2005	147.9	147.3	147.1	211.4	133.7	113.7
2004	148.7	147.3	158.2	207.5	137.5	120.6
2003	156.6	157.8	154.4	245.7	100.7	75.5
Figure 5-4. - Cerebrovascular disease						
2013	28.2	27.1	29.7	54.4	23.4	30.7
2012	29.9	28.1	35.5	56.0	27.1	30.9
2011	30.6	30.4	34.9	56.5	29.7	29.1
2010	30.7	29.4	35.1	53.5	29.8	26.0
2009	28.9	27.5	33.8	42.8	24.7	39.2
2008	30.3	29.2	33.6	40.0	23.5	36.2
2007	30.6	29.7	34.9	34.1	22.0	37.7
2006	34.8	34.1	37.3	58.2	27.0	18.4
2005	40.6	38.8	51.0	66.0	32.3	64.6
2004	43.6	41.4	61.3	71.5	27.5	45.1
2003	43.9	41.7	61.9	69.0	36.4	35.9
Figure 5-5. - Chronic lower respiratory diseases						
2013	44.5	49.3	20.9	46.7	15.5	19.4
2012	44.2	49.4	20.3	35.0	18.0	14.7
2011	45.9	55.3	19.5	34.8	14.4	17.2
2010	42.6	47.1	18.6	27.4	21.7	12.0
2009	40.5	45.0	16.4	26.8	19.2	18.0
2008	42.2	46.9	20.5	26.0	15.8	13.7
2007	39.2	43.7	18.8	18.7	13.0	7.5
2006	44.3	49.2	18.3	27.3	8.4	9.9
2005	46.8	49.6	31.6	43.9	12.0	17.9
2004	41.9	45.1	22.7	24.9	10.8	21.6
2003	45.4	48.3	28.7	30.3	19.4	15.5

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 5-6. - Malignant neoplasms (cancer)						
2013	149.6	154.3	129.8	190.4	118.2	100.1
2012	149.8	155.6	127.2	180.1	100.8	100.5
2011	151.3	170.3	136.3	167.1	100.8	116.6
2010	150.5	155.6	126.2	182.6	106.4	96.2
2009	147.2	151.1	128.4	153.1	113.3	108.1
2008	145.5	150.4	123.8	149.2	106.7	104.4
2007	148.0	154.6	118.6	153.4	113.9	84.2
2006	154.7	162.8	124.7	163.5	83.1	82.0
2005	161.8	162.4	165.9	217.9	122.2	112.7
2004	164.7	165.4	161.6	227.7	139.3	111.0
2003	169.4	171.2	168.5	218.5	120.7	132.9
Figure 5-7. - Lung cancer						
2013	36.4	40.2	22.1	40.5	10.0	22.9
2012	37.7	41.5	22.0	43.0	9.3	20.9
2011	37.8	46.7	22.9	36.6	7.9	20.8
2010	38.1	41.7	20.6	36.6	7.5	22.1
2009	39.0	42.7	23.7	38.7	10.0	26.6
2008	38.5	42.3	20.0	37.1	11.2	32.7
2007	38.2	42.4	20.5	39.6	9.9	21.5
2006	42.7	47.4	21.4	45.9	4.7	18.4
2005	43.0	45.9	29.0	53.0	6.5	19.7
2004	45.4	48.2	29.4	61.4	17.3	21.5
2003	47.4	50.6	33.5	59.4	13.2	21.9
Figure 5-8. - Breast cancer (female)						
2013	20.7	21.3	19.7	23.3	13.1	11.4
2012	19.2	20.0	14.8	30.3	8.6	15.3
2011	19.7	20.8	12.2	24.1	7.5	15.6
2010	19.2	19.9	18.5	25.8	8.2	12.9
2009	19.2	19.8	16.4	30.7	11.6	5.9
2008	19.8	20.6	15.1	38.0	11.6	7.1
2007	20.1	20.5	16.9	23.9	16.2	11.3
2006	21.6	23.2	14.0	25.7	6.9	7.5
2005	20.7	20.5	19.8	35.7	14.9	17.3
2004	21.4	21.4	18.0	32.2	18.4	35.2
2003	22.1	22.3	18.9	41.2	16.4	19.6
Figure 5-9. - Cervical cancer						
2013	2.4	2.1	4.4	1.5	2.0	0.8
2012	2.0	1.8	1.8	4.4	2.8	2.5
2011	2.1	1.6	3.7	2.4	3.1	3.0
2010	2.0	1.6	2.8	1.8	5.0	3.5
2009	1.8	1.5	2.1	2.2	4.1	2.9
2008	1.8	1.3	3.3	3.3	4.8	0.0
2007	1.9	1.6	3.2	2.3	2.3	1.2
2006	1.7	1.4	2.4	2.7	5.8	1.2
2005	2.1	1.8	4.1	1.4	3.4	4.6
2004	2.2	1.6	5.0	2.8	2.0	3.6
2003	2.2	1.0	1.8	6.8	4.2	10.5
Figure 5-10. - Colorectal cancer						
2013	13.6	13.7	12.5	21.7	11.3	12.1
2012	13.1	13.4	12.2	20.5	7.1	9.8
2011	13.4	14.4	13.6	20.2	9.9	14.3
2010	13.8	13.9	13.5	21.9	12.4	10.3
2009	12.9	12.9	13.8	14.1	8.5	13.8
2008	13.1	13.2	13.2	16.4	11.1	8.6
2007	14.4	15.0	12.0	15.7	8.0	9.4
2006	14.6	15.1	14.2	14.9	4.7	6.5
2005	15.4	15.2	17.6	27.0	7.5	12.5
2004	15.3	15.5	13.1	27.3	9.3	11.0
2003	17.9	17.9	21.2	26.3	6.3	3.0

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						
2013	18.2	18.0	17.0	26.7	19.9	18.5
2012	18.9	18.8	22.0	26.7	12.4	9.8
2011	19.8	19.5	20.6	24.1	17.1	5.0
2010	19.1	18.4	23.9	35.2	21.6	12.6
2009	18.4	18.2	20.0	28.9	16.4	2.1
2008	19.1	18.9	20.3	20.5	14.7	25.5
2007	18.9	19.5	15.8	23.6	16.6	19.4
2006	20.1	19.2	25.9	34.9	16.9	24.0
2005	23.8	23.5	30.6	20.4	23.5	5.1
2004	24.0	22.6	35.0	54.6	31.2	6.1
2003	25.1	25.2	22.4	41.2	21.0	7.6
Figure 5-12. - Influenza and pneumonia						
2013	10.0	9.6	10.9	11.9	24.7	8.0
2012	9.1	8.7	9.0	8.7	30.0	4.5
2011	9.7	9.3	12.0	8.1	28.4	9.1
2010	10.9	10.3	9.8	9.2	33.2	8.0
2009	14.6	13.0	15.5	14.3	42.7	16.3
2008	15.6	14.6	18.3	12.4	36.3	13.5
2007	12.9	12.3	14.4	13.0	34.3	7.4
2006	18.4	17.7	20.0	18.1	32.8	21.7
2005	22.3	20.5	26.5	21.6	72.0	17.5
2004	20.1	19.4	20.7	12.0	32.7	10.5
2003	23.4	21.8	27.9	30.4	58.9	16.4
Figure 5-13. - Diabetes						
2013	23.6	18.6	40.7	60.2	65.7	17.9
2012	23.5	18.3	40.8	49.4	80.2	27.6
2011	24.8	21.6	41.7	57.8	61.3	23.3
2010	20.1	15.2	37.3	50.0	79.3	11.7
2009	15.7	12.2	28.1	31.1	54.2	16.2
2008	17.0	13.8	29.1	30.8	50.8	16.1
2007	17.0	13.7	30.8	30.3	51.1	5.1
2006	18.9	15.2	40.4	43.9	43.9	10.9
2005	20.1	15.5	46.0	55.2	69.9	17.8
2004	20.7	16.8	43.5	44.8	59.0	30.0
2003	20.3	16.5	39.1	53.6	55.8	15.7
Figure 5-14. - Chronic liver disease and cirrhosis						
2013	14.5	12.6	16.7	6.8	62.0	3.9
2012	13.6	11.4	16.9	10.9	59.2	2.6
2011	13.4	12.0	18.9	6.6	43.6	4.2
2010	12.3	9.7	15.5	8.0	64.6	0.5
2009	12.2	9.5	18.7	3.1	54.0	3.1
2008	11.7	10.0	15.4	7.5	40.7	1.8
2007	11.3	9.6	16.3	5.9	36.8	3.2
2006	11.4	9.6	15.5	7.2	43.6	3.1
2005	12.7	10.7	19.4	12.8	51.2	4.9
2004	11.1	8.4	18.6	6.7	51.0	3.8
2003	11.5	9.7	17.6	3.5	38.8	3.3
Figure 5-15. - HIV disease						
2013	1.4	1.2	1.2	5.9	1.9	0.0
2012	1.5	1.3	1.4	4.5	2.0	1.4
2011	1.6	1.2	1.7	5.4	2.0	1.2
2010	1.6	1.3	1.7	5.7	1.9	0.5
2009	1.6	1.0	2.1	8.9	3.7	0.0
2008	1.8	1.5	1.9	4.9	2.2	0.6
2007	1.7	1.3	1.7	6.0	3.6	0.4
2006	2.3	2.1	2.3	7.2	1.8	0.6
2005	2.4	2.0	2.5	9.2	3.1	0.5
2004	2.8	2.3	3.1	14.6	3.5	0.8
2003	3.2	2.8	4.3	8.1	3.6	1.7

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 5-16. - Septicemia						
2013	4.8	4.5	6.1	7.4	11.4	3.8
2012	4.5	4.2	3.8	6.3	15.8	4.4
2011	4.7	4.2	6.4	6.4	16.5	3.2
2010	7.4	7.5	7.8	4.4	8.1	1.4
2009	7.7	6.5	8.0	13.2	31.4	9.2
2008	7.9	6.7	11.0	10.9	20.6	7.1
2007	8.1	7.0	10.4	14.7	17.8	10.9
2006	8.6	7.7	11.0	14.6	17.3	5.5
2005	8.4	7.3	13.0	18.2	18.2	6.2
2004	8.0	6.6	14.4	16.0	21.5	4.6
2003	8.4	7.1	12.6	11.3	25.8	6.8
Figure 5-17. - Alzheimer's disease						
2013	33.2	33.4	35.6	41.3	16.0	18.2
2012	31.1	31.6	29.5	38.5	12.0	31.3
2011	35.2	36.3	30.9	54.7	18.1	21.0
2010	35.1	35.5	32.6	46.7	14.9	32.2
2009	29.5	30.4	26.9	29.6	10.9	18.1
2008	29.8	30.6	26.3	42.5	8.5	18.4
2007	29.6	30.9	24.1	29.8	10.3	12.9
2006	33.4	34.7	28.0	28.8	15.3	8.3
2005	32.7	33.0	31.3	42.7	16.2	30.2
2004	31.3	32.0	26.6	42.8	8.0	17.1
2003	32.5	33.4	28.2	43.3	5.6	11.4
Figure 5-18. - Nephritis, nephrotic syndrome and nephrosis (kidney disease)						
2013	5.3	4.9	4.5	12.2	15.8	6.2
2012	6.2	5.3	8.7	17.0	15.5	3.2
2011	6.0	5.4	8.8	10.0	15.3	8.6
2010	7.6	6.3	10.7	16.5	19.9	3.8
2009	7.7	6.2	14.1	16.2	19.6	1.5
2008	7.1	5.6	13.2	9.8	23.5	5.3
2007	7.6	6.0	13.1	19.1	20.6	5.0
2006	8.8	7.4	14.2	9.8	23.3	5.2
2005	10.4	8.5	22.5	19.8	31.4	9.2
2004	11.0	8.9	21.5	26.6	30.2	16.0
2003	10.1	8.4	18.4	20.9	24.7	16.0
Figure 5-19. - Essential (primary) hypertension						
2013	9.7	8.9	11.4	21.3	12.7	17.0
2012	10.4	9.7	10.8	28.3	14.6	11.3
2011	10.8	10.5	12.9	29.4	6.9	9.8
2010	6.3	5.4	6.3	17.6	16.3	3.8
2009	6.8	6.1	9.0	22.0	7.0	10.6
2008	6.9	6.4	9.5	12.3	6.7	5.0
2007	5.7	5.3	5.6	12.7	11.2	7.3
2006	6.7	6.1	8.3	12.9	8.5	14.1
2005	6.8	5.9	13.2	15.6	15.8	6.8
2004	7.3	6.2	11.9	27.0	13.2	6.0
2003	6.3	6.0	7.9	14.5	5.4	9.4
Figure 5-20. - Total mortality from all causes						
2013	687.8	693.7	615.6	918.5	887.0	413.4
2012	687.2	693.1	616.2	886.5	843.8	440.1
2011	699.6	741.5	656.4	833.6	765.5	436.7
2010	679.9	674.4	612.0	835.0	891.8	424.1
2009	653.2	647.3	614.9	736.8	823.5	472.8
2008	659.6	660.1	606.9	710.7	766.3	427.0
2007	663.2	665.1	603.7	719.2	752.5	356.3
2006	727.3	728.5	685.6	885.1	744.5	393.4
2005	772.5	744.6	849.2	1053.1	1006.6	629.5
2004	757.3	734.6	834.0	1021.7	879.2	557.5
2003	784.0	764.9	839.5	1048.6	900.7	497.2

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						
2013	46.3	47.9	38.5	43.3	104.5	13.4
2012	42.4	43.3	33.9	38.2	94.8	21.0
2011	45.5	46.9	38.9	41.6	100.6	19.7
2010	43.8	45.5	33.7	36.0	99.2	24.6
2009	43.1	43.3	35.3	36.5	92.6	24.5
2008	44.7	45.4	34.2	43.1	92.6	23.7
2007	46.6	44.9	40.6	48.1	95.0	20.3
2006	51.2	48.7	52.4	54.8	97.2	19.8
2005	51.1	46.2	54.8	64.3	117.8	34.2
2004	46.0	43.3	48.9	45.9	103.9	21.2
2003	44.8	40.9	44.7	52.4	108.6	25.3
Figure 6-2. - Motor vehicle-related injuries						
2013	11.4	10.2	11.4	12.0	31.7	5.8
2012	11.4	10.0	10.6	10.1	37.8	4.9
2011	12.1	10.4	11.7	11.7	44.2	6.8
2010	11.1	9.2	11.1	10.8	41.7	5.5
2009	11.6	10.1	10.6	12.4	36.9	6.5
2008	13.6	12.0	13.1	11.5	41.9	4.4
2007	16.2	13.1	17.6	13.6	49.0	9.9
2006	19.6	16.6	21.9	15.3	56.9	5.9
2005	18.9	15.0	22.7	24.9	62.6	10.2
2004	18.1	15.3	23.2	14.8	54.1	11.3
2003	18.0	14.6	21.3	15.2	59.0	11.8
Figure 6-3. - Fall-related injuries						
2013	12.1	12.4	12.0	8.8	10.3	5.7
2012	11.2	11.5	9.1	6.6	13.2	5.2
2011	11.6	12.0	10.5	8.9	15.8	6.4
2010	11.5	11.9	8.0	2.3	17.5	8.8
2009	10.4	10.5	9.9	3.8	15.3	10.8
2008	10.8	11.0	8.6	7.1	13.4	8.7
2007	10.6	10.9	7.5	7.0	9.7	5.6
2006	11.3	11.3	12.0	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
Figure 6-4. - Drowning mortality						
2013	1.1	1.1	1.0	0.7	1.3	1.5
2012	1.3	1.3	0.8	2.4	2.9	2.8
2011	1.3	1.3	1.0	2.6	2.2	2.0
2010	1.3	1.5	0.7	0.4	3.0	2.5
2009	1.5	1.3	1.4	2.0	3.7	1.6
2008	1.2	1.0	1.1	2.4	1.9	2.0
2007	1.3	1.3	1.2	2.7	2.5	0.6
2006	1.5	1.0	1.9	2.3	1.5	2.5
2005	1.4	1.1	1.3	2.9	3.4	3.2
2004	1.8	1.6	1.6	4.1	3.0	1.7
2003	1.5	1.3	1.5	2.7	2.5	0.5
Figure 6-5. - Injury by firearms						
2013	14.1	15.8	8.6	17.0	13.0	5.1
2012	13.8	15.7	8.2	15.5	12.6	5.3
2011	14.7	16.3	10.8	16.2	9.2	2.4
2010	14.2	15.3	9.9	15.5	11.7	6.9
2009	12.8	13.0	10.4	16.0	8.3	4.4
2008	13.5	12.6	12.1	22.4	7.6	4.6
2007	14.4	13.3	14.9	25.1	7.6	3.1
2006	15.4	13.9	15.6	21.5	8.0	2.9
2005	15.2	12.0	18.4	23.4	15.6	7.5
2004	15.0	13.2	16.8	23.7	12.6	1.4
2003	14.8	12.7	15.7	23.2	15.6	1.8

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 6-6. - Drug-induced deaths						
2013	16.9	21.2	9.9	13.5	18.7	0.4
2012	16.3	20.6	9.0	17.6	13.4	2.8
2011	16.8	21.6	10.9	12.6	9.6	1.8
2010	17.6	22.2	10.2	14.6	12.5	2.2
2009	16.8	20.6	9.9	14.8	13.2	1.8
2008	14.9	18.7	6.8	17.9	10.9	3.3
2007	15.1	18.5	8.7	19.7	8.7	2.9
2006	15.1	17.5	10.4	24.6	10.6	5.1
2005	13.8	14.8	10.6	28.4	12.4	2.1
2004	13.3	14.7	9.4	14.7	14.5	0.8
2003	12.0	12.8	10.5	23.5	8.5	0.0
Figure 6-7. - Alcohol-induced deaths						
2013	15.7	13.7	12.5	7.1	84.7	2.0
2012	14.2	12.0	12.8	9.6	78.6	2.5
2011	14.3	12.5	14.3	6.0	64.1	1.9
2010	14.1	12.0	11.0	7.3	84.8	0.0
2009	12.0	10.0	10.1	7.0	62.1	2.8
2008	11.8	10.6	9.2	7.3	54.3	1.8
2007	11.1	9.4	11.8	6.9	49.3	2.5
2006	10.3	8.7	10.2	5.8	48.1	0.7
2005	11.2	9.9	11.0	6.7	51.1	7.2
2004	10.0	8.0	9.8	7.3	55.4	3.8
2003	10.1	8.3	10.2	6.8	49.3	0.0
Figure 6-8. - Intentional self-harm (suicide)						
2013	17.0	20.8	8.4	6.7	21.9	7.0
2012	16.2	20.2	6.8	10.0	17.9	5.7
2011	17.2	22.0	8.1	9.1	14.9	5.3
2010	16.7	20.6	7.4	6.4	18.7	6.8
2009	16.1	18.4	9.0	10.5	15.9	9.9
2008	14.8	17.6	6.5	7.5	13.5	9.9
2007	15.4	18.7	9.2	6.2	9.8	6.1
2006	15.4	17.8	8.2	8.3	13.7	8.4
2005	15.4	16.6	10.5	3.3	17.5	11.7
2004	14.9	16.6	9.8	12.1	17.0	4.0
2003	14.6	16.4	8.2	11.3	15.2	6.0
Figure 6-9. - Assault (homicide)						
2013	5.9	4.0	5.8	15.4	17.7	1.9
2012	5.9	4.3	6.1	14.5	17.3	2.0
2011	6.1	3.5	7.9	16.5	11.9	3.9
2010	6.5	3.8	8.0	15.4	18.0	4.1
2009	5.5	3.2	8.1	14.2	13.2	0.9
2008	7.1	3.7	10.6	20.7	12.8	3.2
2007	7.7	3.9	12.0	23.4	13.1	2.6
2006	8.5	4.6	13.0	19.6	13.2	2.4
2005	8.2	3.5	14.6	27.4	14.0	5.1
2004	8.2	4.8	13.6	22.3	14.7	1.4
2003	8.3	3.7	14.7	24.9	18.8	5.4

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 among children 1-14 years old						
2013	19.8	17.1	17.7	30.9	49.2	11.5
2012	19.4	14.9	16.5	37.7	57.4	23.8
2011	17.5	15.4	16.4	32.4	21.9	10.6
2010	18.9	18.3	17.2	18.8	30.5	32.6
2009	20.2	15.0	21.9	28.5	35.6	22.9
2008	19.7	14.6	21.0	39.3	29.4	17.2
2007	19.5	14.2	22.1	29.1	34.3	17.5
2006	21.5	18.2	23.5	20.2	33.3	22.0
2005	22.7	17.4	26.3	35.7	33.4	18.7
2004	20.4	17.2	21.0	39.2	32.1	9.7
2003	24.3	21.8	22.1	42.5	45.3	9.2
Figure 7-2. - Mortality among adolescents 15-19 years old						
2013	45.5	42.5	39.1	64.1	103.1	32.4
2012	47.1	46.1	37.7	55.8	107.9	50.0
2011	49.7	45.8	44.1	39.8	114.2	15.2
2010	47.7	39.7	43.1	59.4	115.3	32.7
2009	55.9	44.7	62.2	49.2	102.6	44.4
2008	65.7	47.7	80.0	85.6	111.8	35.8
2007	76.9	66.1	83.9	91.5	124.4	18.1
2006	93.8	72.4	103.0	127.1	188.6	29.1
2005	80.1	68.6	89.2	88.7	137.0	24.6
2004	80.8	64.9	91.1	150.9	134.5	25.4
2003	75.4	51.6	87.5	89.5	196.2	36.2
Figure 7-3. - Mortality among young adults 20-44 years old						
2013	143.5	143.2	112.6	174.2	390.8	51.3
2012	135.0	140.6	98.3	171.0	351.4	43.7
2011	133.6	136.0	102.4	152.4	276.5	46.1
2010	131.8	133.4	96.9	142.1	358.1	55.5
2009	123.0	120.4	95.7	185.6	332.1	50.5
2008	123.0	119.4	98.2	190.9	287.0	52.2
2007	138.2	132.3	123.3	193.9	291.3	50.3
2006	147.5	142.7	132.9	177.3	305.1	64.1
2005	140.9	122.1	140.7	227.3	348.3	61.3
2004	141.0	130.8	134.0	209.0	293.3	59.7
2003	151.1	139.6	139.1	220.4	345.8	56.8
Figure 7-4. - Mortality among middle-age adults 45-64 years old						
2013	620.7	661.0	461.2	788.7	943.5	199.0
2012	607.6	637.5	466.9	786.8	880.3	295.4
2011	595.0	611.6	473.9	759.3	726.8	319.3
2010	587.2	594.6	448.9	772.0	978.8	282.1
2009	590.0	593.9	488.5	808.8	846.9	302.0
2008	591.8	609.7	445.9	843.0	832.3	301.5
2007	582.8	593.4	494.0	833.6	737.5	272.9
2006	614.6	638.3	477.3	872.5	775.4	194.3
2005	673.1	654.2	631.6	1103.8	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

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						
2013	77.0	79.0	69.0	66.0	60.0	76.0
2012	77.0	78.0	68.0	65.0	59.0	73.0
2011	77.0	79.0	68.0	66.0	60.0	72.0
2010	77.0	79.0	68.0	65.0	58.0	71.0
2009	76.0	78.0	67.0	64.0	59.0	74.0
2008	77.0	78.0	68.0	62.0	59.0	70.0
2007	76.0	78.0	64.0	62.0	59.0	70.0
2006	76.0	78.0	65.0	63.0	57.0	73.0
2005	77.0	79.0	65.0	64.0	59.0	72.0
2004	76.0	78.0	65.0	64.0	58.0	69.0
2003	76.0	78.0	66.0	66.0	56.0	70.0
Figure 8-2. - Median age at death from all causes among males						
2013	74.0	76.0	64.0	63.0	55.0	73.0
2012	73.0	75.0	64.0	63.0	55.0	68.0
2011	73.0	76.0	63.0	64.0	54.0	69.0
2010	73.0	75.0	63.0	63.0	53.0	70.0
2009	73.0	75.0	63.0	60.0	54.0	69.0
2008	73.0	76.0	62.0	59.0	54.0	67.5
2007	73.0	75.0	59.0	57.0	54.0	64.0
2006	73.0	75.0	59.0	59.0	52.0	71.5
2005	74.0	76.0	61.0	58.0	54.0	71.0
2004	73.0	75.0	60.0	59.0	53.0	68.0
2003	73.0	75.0	60.0	60.0	51.0	70.0
Figure 8-3. - Median age at death from all causes among females						
2013	81.0	82.0	75.0	73.0	67.0	78.0
2012	80.0	82.0	74.0	69.0	65.0	78.0
2011	81.0	82.0	75.0	69.0	67.0	75.0
2010	80.0	82.0	74.0	69.0	65.0	74.0
2009	80.0	81.0	72.0	68.0	66.0	77.0
2008	80.0	81.0	74.0	67.0	67.0	73.0
2007	80.0	81.0	71.0	70.0	67.0	73.0
2006	80.0	81.0	73.0	70.0	65.0	73.0
2005	80.0	81.0	71.0	71.0	66.0	73.0
2004	80.0	81.0	72.0	70.0	64.0	70.0
2003	80.0	81.0	72.0	71.0	65.0	71.0
Figure 8-4. - Percent of total deaths before expected years of life reached						
2013	54.6	50.1	67.1	72.8	76.7	58.9
2012	55.0	50.9	68.4	74.4	78.7	62.3
2011	53.8	49.6	67.4	74.4	77.7	66.3
2010	54.5	49.9	68.7	73.4	79.6	65.1
2009	52.5	48.0	68.0	73.0	76.4	60.6
2008	52.4	48.0	67.6	74.7	76.5	66.4
2007	52.6	47.7	71.6	73.3	75.8	64.9
2006	52.7	48.2	70.8	73.9	77.4	61.0
2005	52.7	47.9	71.3	75.1	78.4	65.1
2004	53.0	48.3	71.5	74.3	80.3	64.3
2003	50.8	46.1	70.0	70.6	78.4	65.7

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						
2013	7.5	5.3	9.3	19.9	9.6	2.7
2012	5.4	3.9	6.3	12.2	9.1	3.2
2011	7.2	4.8	10.3	23.8	10.5	1.8
2010	6.2	3.8	7.4	15.1	12.4	2.3
2009	6.5	4.4	9.3	11.1	11.6	1.7
2008	8.8	5.8	11.1	19.8	16.1	4.1
2007	8.8	4.2	7.8	17.0	30.5	3.5
2006	6.2	3.5	7.6	14.9	8.4	1.2
2005	5.1	2.9	8.6	16.5	10.6	2.6
2004	6.5	3.1	9.6	16.6	14.9	0.9
2003	7.4	4.2	9.7	18.2	20.1	0.9
Figure 9-2. - Incidence of gonorrhea						
2013	98.2	37.4	92.7	351.0	224.6	23.2
2012	89.4	31.0	89.8	380.6	185.7	25.1
2011	71.4	28.9	67.1	415.7	162.8	19.9
2010	50.8	21.5	52.0	305.7	85.1	11.1
2009	49.3	19.0	46.4	316.0	50.0	11.5
2008	52.8	21.0	49.5	256.8	73.3	9.9
2007	78.7	33.1	60.4	345.6	94.4	13.5
2006	95.3	44.0	81.6	382.4	125.7	13.6
2005	81.9	31.5	95.0	395.7	142.6	14.6
2004	70.1	32.5	84.6	376.8	142.7	12.3
2003	63.5	33.4	71.4	359.7	103.1	15.3
Figure 9-3. - Incidence of chlamydia						
2013	466.6	149.3	518.0	848.9	1158.2	129.3
2012	466.5	148.7	540.1	884.3	1096.9	106.8
2011	457.6	186.8	533.0	1146.4	1129.6	132.5
2010	420.2	174.8	494.2	1148.5	1042.2	157.8
2009	394.2	156.3	471.5	926.9	679.3	150.6
2008	379.0	130.9	413.3	778.6	739.8	100.3
2007	386.6	142.5	346.1	722.7	641.6	91.3
2006	386.0	150.1	406.9	634.2	676.8	95.7
2005	352.0	121.9	468.5	778.1	827.6	99.7
2004	289.2	115.7	413.6	676.8	872.7	110.6
2003	227.1	100.7	329.1	537.6	623.9	86.4
Figure 9-4. - Incidence of HIV/AIDS						
2013	11.1	7.8	12.7	44.9	16.2	4.5
2012	9.9	6.7	11.0	40.3	15.1	8.3
2011	9.2	6.4	11.4	29.9	11.4	8.0
2010	9.8	8.4	10.9	21.6	12.8	5.8
2009	10.2	7.4	13.2	28.0	11.0	5.7
2008	11.4	9.6	12.9	31.1	10.2	6.4
2007	12.7	9.8	15.8	35.5	8.3	8.8
2006	12.5	9.3	15.5	48.8	8.1	6.2
2005	12.8	10.1	16.0	41.6	15.1	6.9
2004	10.9	8.2	13.9	45.3	10.3	7.1
2003	11.3	11.4	7.4	42.5	11.3	4.2

SCORES IN 2013

SCORES IN 2013

(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	-49.0	30.2	30.7	54.7	-64.6
1-2	Pregnancies among females 14 and younger	-75.0	50.0	75.0	50.0	-25.0
1-3	Pregnancies among females 15-17 years old	-60.6	43.9	16.1	75.0	-79.4
1-4	Pregnancies among females 18-19 years old	-47.5	34.9	27.9	51.2	-60.6
	TOTAL SCORE	-232.1	159.0	149.7	230.9	-229.6
	AVERAGE SCORE	-58.0	39.8	37.4	57.7	-57.4

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	-32.8	26.6	41.2	75.6	-64.5
2-2	Tobacco use during pregnancy	59.1	-59.1	47.7	-34.1	-75.0
2-3	Alcohol use during pregnancy	0.0	-50.0	50.0	175.0	-50.0
2-4	Chronic hypertension	0.0	0.0	63.6	27.3	-27.3
2-5	Dysfunctional labor	-11.8	0.0	0.0	52.9	5.9
2-6	Anemia during pregnancy	-12.8	-2.1	72.3	48.9	-4.3
2-7	Diabetes during pregnancy	-22.8	7.0	-12.3	94.7	70.2
2-8	Pregnancy associated hypertension	5.4	-12.5	14.3	32.1	-12.5
2-9	Genital herpes during pregnancy	27.3	-27.3	63.6	-36.4	-45.5
2-10	Weight gain of less than 21 pounds	-25.0	22.8	14.9	31.5	-13.4
	TOTAL SCORE	-13.4	-94.6	355.3	467.5	-216.4
	AVERAGE SCORE	-1.3	-9.5	35.5	46.8	-21.6

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	-32.6	27.3	16.6	67.4	-27.3
3-2	Fewer than five prenatal visits	-45.1	33.3	17.6	133.3	-35.3
3-3	No prenatal care	-50.0	50.0	-7.1	71.4	-50.0
	TOTAL SCORE	-127.7	110.6	27.1	272.1	-112.6
	AVERAGE SCORE	-42.6	36.9	9.0	90.7	-37.5

4. NEWBORN'S HEALTH

Figure No.	Indicator	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
4-1	Hyaline membrane disease	50.0	50.0	50.0	-50.0	-50.0
4-2	Newborn intensive care	0.0	-1.9	35.8	-22.6	3.8
4-3	Born too early (preterm or < 37 weeks)	-6.7	3.3	31.1	7.8	-1.1
4-4	Born too small: low-birthweight (<2,500 grams)	-7.2	-4.3	60.9	4.3	14.5
4-5	Born too small: very low-birthweight (<1,500 grams)	-9.1	0.0	81.8	-9.1	0.0
4-6	Incidence of congenital anomalies (birth defects)	0.0	14.3	28.6	14.3	-28.6
4-7	Infant mortality	-20.8	5.7	135.8	24.5	-67.9
4-8	Sudden Infant Death Syndrome (SIDS)	0.0	-50.0	200.0	0.0	-100.0
4-9	Mortality of infants from low birthweight/short gestation	-42.9	28.6	142.9	-28.6	-57.1
4-10	Neonatal mortality	-26.5	17.6	135.3	8.8	-73.5
4-11	Postneonatal mortality	-10.5	-15.8	131.6	52.6	-52.6
	TOTAL SCORE	-73.7	47.5	1033.8	2.0	-412.5
	AVERAGE SCORE	-6.7	4.3	94.0	0.2	-37.5

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	1.7	-13.7	49.3	-12.5	-28.8
5-2	Diseases of the heart	3.2	-18.8	40.2	-14.1	-42.3
5-3	Coronary heart disease	3.0	-16.7	49.1	-15.7	-42.4
5-4	Cerebrovascular disease	-3.9	5.3	92.9	-17.0	8.9
5-5	Chronic lower respiratory diseases	10.8	-53.0	4.9	-65.2	-56.4
5-6	Malignant neoplasms (cancer)	3.1	-13.2	27.3	-21.0	-33.1
5-7	Lung cancer	10.4	-39.3	11.3	-72.5	-37.1
5-8	Breast cancer	2.9	-4.8	12.6	-36.7	-44.9
5-9	Cervical cancer	-12.5	83.3	-37.5	-16.7	-66.7
5-10	Colorectal cancer	0.7	-8.1	59.6	-16.9	-11.0
5-11	Prostate cancer	-1.1	-6.6	46.7	9.3	1.6
5-12	Influenza and pneumonia	-4.0	9.0	19.0	147.0	-20.0
5-13	Diabetes	-21.2	72.5	155.1	178.4	-24.2
5-14	Chronic liver disease and cirrhosis	-13.1	15.2	-53.1	327.6	-73.1
5-15	HIV disease	-14.3	-14.3	321.4	35.7	-100.0
5-16	Septicemia	-6.3	27.1	54.2	137.5	-20.8
5-17	Alzheimer's disease	0.6	7.2	24.4	-51.8	-45.2
5-18	Nephritis, nephrotic syndrome and nephrosis (kidney disease)	-7.5	-15.1	130.2	198.1	17.0
5-19	Essential (primary) hypertension	-8.2	17.5	119.6	30.9	75.3
5-20	Total mortality from all causes	0.9	-10.5	33.5	29.0	-39.9
	TOTAL SCORE	-54.8	23.0	1160.7	753.4	-583.1
	AVERAGE SCORE	-2.7	1.2	58.0	37.7	-29.2

6. MORTALITY FROM INJURIES

Figure No.	Indicator	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
6-1	Unintentional injuries	3.5	-16.8	-6.5	125.7	-71.1
6-2	Motor vehicle-related injuries	-10.5	0.0	5.3	178.1	-49.1
6-3	Fall-related injuries	2.5	-0.8	-27.3	-14.9	-52.9
6-4	Drowning mortality	0.0	-9.1	-36.4	18.2	36.4
6-5	Injury by firearms	12.1	-39.0	20.6	-7.8	-63.8
6-6	Drug-induced deaths	25.4	-41.4	-20.1	10.7	-97.6
6-7	Alcohol-induced deaths	-12.7	-20.4	-54.8	439.5	-87.3
6-8	Intentional self-harm (suicide)	22.4	-50.6	-60.6	28.8	-58.8
6-9	Assault (homicide)	-32.2	-1.7	161.0	200.0	-67.8
	TOTAL SCORE	10.5	-179.8	-18.8	978.3	-512.0
	AVERAGE SCORE	1.2	-20.0	-2.1	108.7	-56.9

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 among children 1-14 years old	-13.6	-10.6	56.1	148.5	-41.9
7-2	Mortality among adolescents 15-19 years old	-6.6	-14.1	40.9	126.6	-28.8
7-3	Mortality among young adults 20-44 years old	-0.2	-21.5	21.4	172.3	-64.3
7-4	Mortality among middle-age adults 45-64 years old	6.5	-25.7	27.1	52.0	-67.9
	TOTAL SCORE	-13.9	-71.9	145.5	499.4	-202.9
	AVERAGE SCORE	-3.5	-18.0	36.4	124.9	-50.7

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	10.4	14.3	22.1	1.3
8-2	Median age at death from all causes among males	-2.7	13.5	14.9	25.7	1.4
8-3	Median age at death from all causes among females	-1.2	7.4	9.9	17.3	3.7
8-4	Percent of total deaths before expected years of life reached	8.2	-22.9	-33.3	-40.5	-7.9
	TOTAL SCORE	1.7	8.4	5.8	24.6	-1.5
	AVERAGE SCORE	0.4	2.1	1.5	6.2	-0.4

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	-29.3	24.0	165.3	28.0	-64.0
9-2	Incidence of gonorrhea	-61.9	-5.6	257.4	128.7	-76.4
9-3	Incidence of chlamydia	-68.0	11.0	81.9	148.2	-72.3
9-4	Incidence of HIV/HIV/AIDS	-29.7	14.4	304.5	45.9	-59.5
	TOTAL SCORE	-188.9	43.8	809.1	350.8	-272.2
	AVERAGE SCORE	-47.2	11.0	202.3	87.7	-68.1

OVERALL HEALTH STATUS (ALL 69 INDICATORS)

		White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
	TOTAL SCORE	-692.3	46.0	3668.2	3579.0	-2542.8
	AVERAGE SCORE	-10.0	0.7	53.2	51.9	-36.9

RANK ORDER IN 2013

RANK ORDER IN 2013

(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	3.0	4.0	5.0	1.0
1-2	Pregnancies among females 14 and younger	1.0	3.5	5.0	3.5	2.0
1-3	Pregnancies among females 15-17 years old	2.0	4.0	3.0	5.0	1.0
1-4	Pregnancies among females 18-19 years old	2.0	4.0	3.0	5.0	1.0
	SUM OF RANKS	7.0	14.5	15.0	18.5	5.0
	AVERAGE RANK	1.8	3.6	3.8	4.6	1.3

2. MATERNAL LIFESTYLE AND HEALTH CHARACTERISTICS

Figure No.	Indicator	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2-1	Unmarried mothers	2.0	3.0	4.0	5.0	1.0
2-2	Tobacco use during pregnancy	5.0	2.0	4.0	3.0	1.0
2-3	Alcohol use during pregnancy	3.0	1.5	4.0	5.0	1.5
2-4	Chronic hypertension	2.5	2.5	5.0	4.0	1.0
2-5	Dysfunctional labor	1.0	2.5	2.5	5.0	4.0
2-6	Anemia during pregnancy	1.0	3.0	5.0	4.0	2.0
2-7	Diabetes during pregnancy	1.0	3.0	2.0	5.0	4.0
2-8	Pregnancy associated hypertension	3.0	1.5	4.0	5.0	1.5
2-9	Genital herpes during pregnancy	4.0	3.0	5.0	2.0	1.0
2-10	Weight gain of less than 21 pounds	1.0	4.0	3.0	5.0	2.0
	SUM OF RANKS	23.5	26.0	38.5	43.0	19.0
	AVERAGE RANK	2.4	2.6	3.9	4.3	1.9

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	1.0	4.0	3.0	5.0	2.0
3-2	Fewer than five prenatal visits	1.0	4.0	3.0	5.0	2.0
3-3	No prenatal care	1.5	4.0	3.0	5.0	1.5
	SUM OF RANKS	3.5	12.0	9.0	15.0	5.5
	AVERAGE RANK	1.2	4.0	3.0	5.0	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	4.0	4.0	1.5	1.5
4-2	Newborn intensive care	3.0	2.0	5.0	1.0	4.0
4-3	Born too early (preterm or < 37 weeks)	1.0	3.0	5.0	4.0	2.0
4-4	Born too small: low-birthweight (<2,500 grams)	1.0	2.0	5.0	3.0	4.0
4-5	Born too small: very low-birthweight (<1,500 grams)	1.5	3.5	5.0	1.5	3.5
4-6	Incidence of congenital anomalies (birth defects)	2.0	3.5	5.0	3.5	1.0
4-7	Infant mortality	2.0	3.0	5.0	4.0	1.0
4-8	Sudden Infant Death Syndrome (SIDS)	3.5	2.0	5.0	3.5	1.0
4-9	Mortality of infants from low birthweight/short gestation	2.0	4.0	5.0	3.0	1.0
4-10	Neonatal mortality	2.0	4.0	5.0	3.0	1.0
4-11	Postneonatal mortality	3.0	2.0	5.0	4.0	1.0
	SUM OF RANKS	25.0	33.0	54.0	32.0	21.0
	AVERAGE RANK	2.3	3.0	4.9	2.9	1.9

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	2.0	5.0	3.0	1.0
5-2	Diseases of the heart	4.0	2.0	5.0	3.0	1.0
5-3	Coronary heart disease	4.0	2.0	5.0	3.0	1.0
5-4	Cerebrovascular disease	2.0	3.0	5.0	1.0	4.0
5-5	Chronic lower respiratory diseases	5.0	3.0	4.0	1.0	2.0
5-6	Malignant neoplasms (cancer)	4.0	3.0	5.0	2.0	1.0
5-7	Lung cancer	4.0	2.0	5.0	1.0	3.0
5-8	Breast cancer	4.0	3.0	5.0	2.0	1.0
5-9	Cervical cancer	4.0	5.0	2.0	3.0	1.0
5-10	Colorectal cancer	4.0	3.0	5.0	1.0	2.0
5-11	Prostate cancer	2.0	1.0	5.0	4.0	3.0
5-12	Influenza and pneumonia	2.0	3.0	4.0	5.0	1.0
5-13	Diabetes	2.0	3.0	4.0	5.0	1.0
5-14	Chronic liver disease and cirrhosis	3.0	4.0	2.0	5.0	1.0
5-15	HIV disease	2.5	2.5	5.0	4.0	1.0
5-16	Septicemia	2.0	3.0	4.0	5.0	1.0
5-17	Alzheimer's disease	3.0	4.0	5.0	1.0	2.0
5-18	Nephritis, nephrotic syndrome and nephrosis (kidney disease)	2.0	1.0	4.0	5.0	3.0
5-19	Essential (primary) hypertension	1.0	2.0	5.0	3.0	4.0
5-20	Total mortality from all causes	3.0	2.0	5.0	4.0	1.0
	SUM OF RANKS	61.5	53.5	89.0	61.0	35.0
	AVERAGE RANK	3.1	2.7	4.5	3.1	1.8

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	4.0	2.0	3.0	5.0	1.0
6-2	Motor vehicle-related injuries	2.0	3.0	4.0	5.0	1.0
6-3	Fall-related injuries	5.0	4.0	2.0	3.0	1.0
6-4	Drowning mortality	3.0	2.0	1.0	4.0	5.0
6-5	Injury by firearms	4.0	2.0	5.0	3.0	1.0
6-6	Drug-induced deaths	5.0	2.0	3.0	4.0	1.0
6-7	Alcohol-induced deaths	4.0	3.0	2.0	5.0	1.0
6-8	Intentional self-harm (suicide)	4.0	3.0	1.0	5.0	2.0
6-9	Assault (homicide)	2.0	3.0	4.0	5.0	1.0
	SUM OF RANKS	33.0	24.0	25.0	39.0	14.0
	AVERAGE RANK	3.7	2.7	2.8	4.3	1.6

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 among children 1-14 years old	2.0	3.0	4.0	5.0	1.0
7-2	Mortality among adolescents 15-19 years old	3.0	2.0	4.0	5.0	1.0
7-3	Mortality among young adults 20-44 years old	3.0	2.0	4.0	5.0	1.0
7-4	Mortality among middle-age adults 45-64 years old	3.0	2.0	4.0	5.0	1.0
	SUM OF RANKS	11.0	9.0	16.0	20.0	4.0
	AVERAGE RANK	2.8	2.3	4.0	5.0	1.0

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	5.0	3.0	2.0	1.0	4.0
	SUM OF RANKS	8.0	12.0	14.0	16.0	10.0
	AVERAGE RANK	2.0	3.0	3.5	4.0	2.5

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	5.0	4.0	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	4.0	5.0	1.0
9-4	Incidence of HIV/AIDS	2.0	3.0	5.0	4.0	1.0
	SUM OF RANKS	8.0	12.0	19.0	17.0	4.0
	AVERAGE RANK	2.0	3.0	4.8	4.3	1.0

OVERALL HEALTH STATUS (ALL 69 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 69 MEASUREMENTS	180.5	196.0	279.5	261.5	117.5
	AVERAGE RANKS BASED ON 69 MEASUREMENTS	2.6	2.8	4.1	3.8	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 and levels of disease and disability in the population are obtained for certain infectious diseases that must be reported by law. The ADHS Epidemiology and Disease Control Services conduct surveillance and monitoring of these reportable diseases and provided data for section 9 in this report.

Population denominators for Arizona residents, used to calculate rates for 2013 and other intercensal years, utilize the best available data sources. They are described in detail at <http://www.azdhs.gov/plan/>.

Almost all figures are based on rates and ratios published in the **2013 Arizona Health Status and Vital Statistics** report and available online at <http://www.azdhs.gov/plan/>.

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 is 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 is 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 is 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 is 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 is 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 is death of a live born 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 is any death of a live born 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.
7-2	Mortality of adolescents 15-19 years old	The number of deaths per 100,000 adolescents 15-19 years old.
7-3	Mortality of young adults 20-44 years old	The number of deaths per 100,000 young adults 20-44 years old.
7-4	Mortality of middle-aged adults 45-64 years old	The number of deaths per 100,000 middle-aged adults 45-64 years old.

8. PREMATURE MORTALITY

Figure number	Indicators	
8-1	Median age at death from all causes	The median age (the age in the middle) of death for Arizonans.
8-2	Median age at death from all causes among males	The median age (the age in the middle) of death for Arizona males.
8-3	Median age at death from all causes among females	The median age (the age in the middle) of death for Arizona females.
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	
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 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.

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	2013 population B	2013 deaths C	Age-specific rates in 2013 D (C/B)*100000	2000 standard E	Age-adjusted rate for 2013 F D*E
<1	89,196	447	501.1	.013818	6.9
1-4	351,077	131	37.3	.055317	2.1
5-14	924,150	121	13.1	.145565	1.9
15-24	937,362	663	70.7	.138646	9.8
25-34	868,888	1,081	124.4	.135573	16.9
35-44	834,554	1,585	189.9	.162613	30.9
45-54	834,992	3,418	409.3	.134834	55.2
55-64	759,706	6,480	853.0	.087247	74.4
65-74	566,812	9,091	1603.9	.066037	105.9
75-84	301,956	12,091	4004.2	.044842	179.6
85+	112,360	14,801	13172.8	.015508	204.3
All ages	6,581,054	49,929		TOTAL	Σ =687.8

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.

POPULATION DENOMINATORS

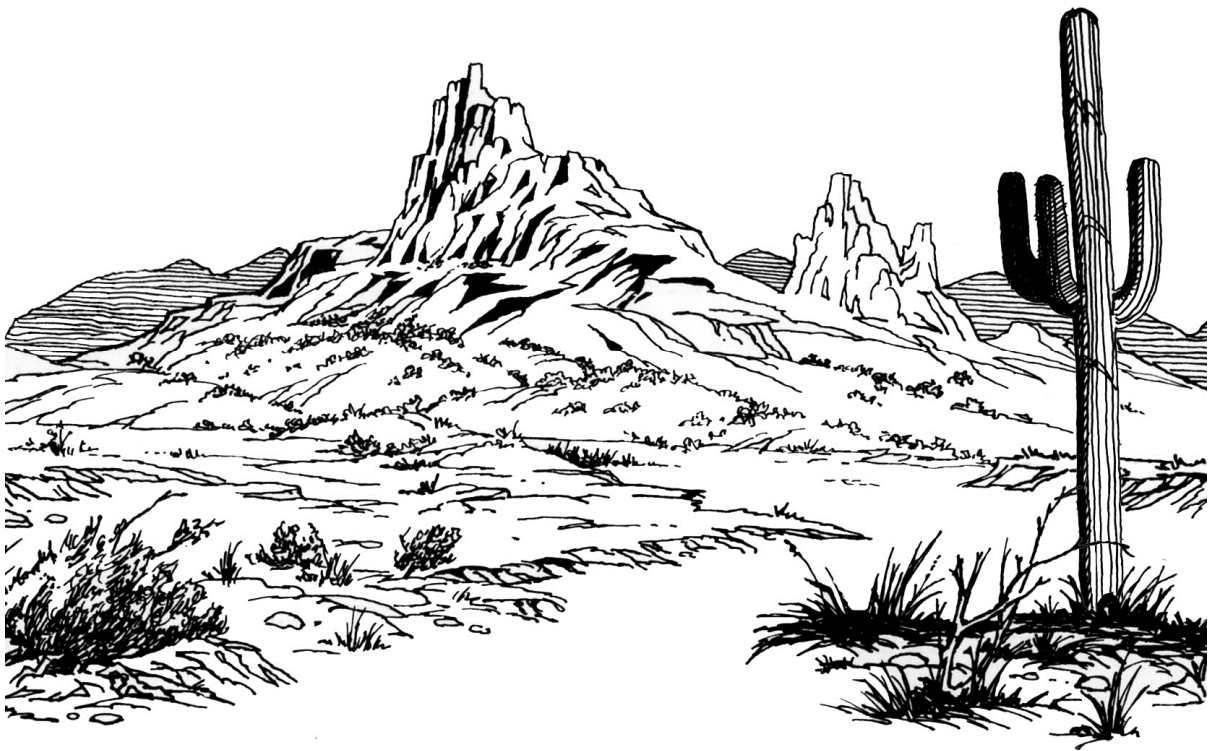
**POPULATION BY RACE/ETHNICITY:
ARIZONA RESIDENTS, 1993, 2003 AND 2013**

Racial/ethnic group	1993	2003	2013	Percent increase from 1993 to 2013
All Groups	4,065,441	5,629,870	6,581,054	61.9
White Non-Hispanic	2,825,508	3,608,747	3,842,190	36.0
Hispanic or Latino	795,157	1,424,357	1,961,135	146.6
Black or African American	133,252	185,786	269,384	102.2
American Indian or Alaska Native	237,276	292,753	309,035	30.2
Asian or Pacific Islander	74,248	118,227	199,310	168.4

ESTIMATED POPULATION BY AGE GROUP, GENDER AND RACE/ETHNICITY, ARIZONA, 2013

		<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Total
All groups	Total	89,196	351,077	924,150	937,362	868,888	834,554	834,992	759,706	566,812	301,956	112,360	6,581,054
	Male	45,727	179,148	472,129	486,844	445,906	421,596	414,700	361,058	266,833	139,537	41,580	3,275,060
	Female	43,469	171,929	452,021	450,518	422,981	412,958	420,292	398,648	299,979	162,418	70,780	3,305,994
White non-Hispanic	Total	38,880	153,535	408,363	448,207	449,662	453,028	527,804	555,488	458,569	251,656	96,999	3,842,190
	Male	20,007	78,269	208,838	231,764	229,704	231,646	262,904	264,421	217,849	117,962	36,131	1,899,494
	Female	18,873	75,266	199,525	216,442	219,958	221,382	264,900	291,067	240,720	133,695	60,868	1,942,697
Hispanic or Latino	Total	37,427	148,565	394,453	359,767	297,989	269,225	208,108	132,554	69,838	32,869	10,339	1,961,135
	Male	19,107	75,995	201,768	187,465	153,216	133,664	103,356	63,684	32,000	14,224	3,764	988,243
	Female	18,320	72,570	192,685	172,303	144,774	135,562	104,751	68,869	37,837	18,645	6,575	972,892
Black or African American	Total	3,995	16,080	42,137	47,889	41,507	37,928	35,136	25,088	12,569	5,539	1,516	269,384
	Male	2,049	8,192	21,795	25,673	22,783	20,505	18,560	12,666	5,975	2,472	465	141,134
	Female	1,946	7,888	20,342	22,216	18,725	17,423	16,576	12,421	6,594	3,068	1,050	128,249
American Indian or Alaska Native	Total	5,878	22,294	54,903	55,681	46,338	37,456	36,599	26,678	14,290	6,708	2,210	309,035
	Male	3,008	11,314	27,668	28,485	23,541	18,342	17,321	12,133	6,388	2,799	767	151,765
	Female	2,870	10,980	27,235	27,196	22,797	19,114	19,278	14,545	7,902	3,910	1,443	157,270
Asian or Pacific Islander	Total	3,016	10,603	24,294	25,819	33,391	36,916	27,345	19,898	11,548	5,183	1,297	199,310
	Male	1,556	5,379	12,061	13,458	16,663	17,440	12,558	8,152	4,621	2,082	453	94,424
	Female	1,460	5,225	12,233	12,361	16,728	19,476	14,787	11,746	6,926	3,101	844	104,887

Our Web site at <http://www.azdhs.gov/plan> provides access to a wide range of statistical information about the health status of Arizonans. The Arizona Health Status and Vital Statistics annual report examines trends in natality, mortality, and morbidity towards established health objectives. In addition to the print and original online versions, the 2013 report is made available as a mobile-friendly e-book. Additional reports and studies include Advance Vital Statistics by County of Residence, 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 (first-listed diagnosis, procedures, mental disorders, asthma, diabetes, influenza and pneumonia, and substance abuse), Community Vital Statistics, Teenage Pregnancy, Differences in Health Status Among Racial/Ethnic Groups, and Health Status Profile of American Indians in Arizona.



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