

DIFFERENCES IN THE HEALTH STATUS AMONG RACE/ETHNIC GROUPS ARIZONA, 2005



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Differences in the Health Status Among Race/Ethnic Groups, Arizona, 2005

BY

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Acknowledgment

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

Differences in the Health Status Among Race/Ethnic Groups, Arizona, 2005

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PURPOSE

The report *Differences in the Health Status Among Race/Ethnic Groups, Arizona, 2005* is the update of population-level data about differences in the relative health of five race/ethnic groups residing in Arizona: White non-Hispanics, Hispanics or Latinos, Blacks or African-Americans, American Indians or Alaska Natives and Asians or Pacific Islanders including Hawaiians.

The report compares the relative standing of race/ethnic groups on 70 indicators or measures of health status. The indicators are presented in a series of simple, self-explanatory bar charts and organized around 9 major subject areas:

(1) TEEN PREGNANCIES, (2) MATERNAL LIFESTYLE AND HEALTH CHARACTERISTICS, (3) UTILIZATION OF PRENATAL CARE SERVICES, (4) NEWBORN'S HEALTH, (5) MORTALITY FROM NATURAL CAUSES (CHRONIC OR INFECTIOUS DISEASES), (6) MORTALITY FROM INJURIES, (7) AGE-SPECIFIC MORTALITY, (8) PATTERNS OF PREMATURE MORTALITY and (9) THE INCIDENCE OF REPORTABLE DISEASES.

Each bar chart visually describes how the race/ethnic group compares to other groups and the overall State level for each indicator. These graphic representations are found in *Comparative Measures of Health Status by Race/Ethnicity in 2005* while the tabulated values also are available in the *Rates and Ratios in 2005* and *Comparative Rates and Ratios for 2000-2005* sections of the report.

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

DEMOGRAPHIC PROFILE OF ARIZONA'S RACE/ETHNIC DIVERSITY

The racial and ethnic composition of the population has important consequences for the State's health status because many measures of disease and disability differ significantly by race and ethnicity. Among the estimated 6,044,985 Arizona residents in 2005, approximately 3,922,026 (64.9 percent) were White non-Hispanic, 1,527,388 (25.3 percent) were Hispanic or Latino, and 291,684 (4.8 percent) were American Indian or Alaska Natives. Blacks or African Americans accounted for 187,507 or 3.1 percent of the State's population. Asians or Pacific Islanders, the smallest race/ethnic group, represented 1.9 percent of the total population (116,380 people).

The White non-Hispanic population increased by 50.4 percent from 1990 to 2005, while Arizona saw a 100.7 percent increase in its minority population (See p.159: *Population by Race/Ethnic Group: Arizona Residents, 1990, 2000 and 2005*). Both the Asian and Hispanic race/ethnic minority groups in Arizona more than doubled in size since 1990. The Black or African American population increased by 69.7 percent while the American Indian population increased by 43.3 percent from 1990 to 2005.

Compared with the White non-Hispanics, the race/ethnic minority groups have had greater percentages of people younger than 25 years (50.2 vs. 29.1 percent). In contrast, people aged 65 years and older accounted for 17.5 percent of White non-Hispanics, but only 4.7 percent of all race/ethnic minority groups combined. Among Arizonans 25 years old or younger in 2005, one out of two (48.3 percent) was other than White non-Hispanic. Among Arizona's older adults 65 years old or older, nine out of ten (87.3 percent) were White non-Hispanic (**Table A**).

Table A. POPULATION BY AGE GROUP AND RACE/ETHNICITY, ARIZONA, 2005

POPULATION BY AGE GROUP IN 2005	All groups	White non-Hispanic	Other than White non-Hispanic*				
			Total	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
< 25 years	2,207,011	1,141,962	1,065,049	793,137	81,606	149,260	41,046
Percent	36.5%	29.1%	50.2%	51.9%	43.5%	51.2%	35.3%
25-64 years	3,053,379	2,094,760	958,619	669,285	94,489	126,810	68,035
Percent	50.5%	53.4%	45.1 %	43.8%	50.4%	43.5%	58.5%
65+ years	784,595	685,304	99,291	64,966	11,412	15,614	7,299
Percent	13.0%	17.5%	4.7%	4.3%	6.1%	5.4%	6.3%
Total, all ages**	6,044,985	3,922,026	2,122,959	1,527,388	187,507	291,684	116,380
Percent	100%	100.0%	100.0%	100.%	100.0%	100.0%	100.0%

Source: In order to obtain the 2005 population denominators, the 2000 percentages of population breakdowns (or census shares) by race/ethnicity, age group and gender were applied to total state population estimates released by the Arizona Department of Economic Security on 2/23/2006.

Similar to the differences in the age composition is the contrasting pattern of proportional mortality by age group. In 2005, the elderly (65 years and older) comprised 76.6 percent of the total mortality among White non-Hispanics, compared to 41.7 percent among American Indians, 48.7 percent among Blacks, 50.5 percent among Hispanics, and 62.1 percent among Asians. One out of fifty White non-Hispanics who died in 2005 was less than 25 years old (2.0 percent). In contrast, persons younger than 25 years of age accounted for one out of every eight (12.3 percent) deaths among Arizona race/ethnic minorities:

Table B. MORTALITY BY AGE GROUP AND RACE/ETHNICITY, ARIZONA, 2005

MORTALITY BY AGE GROUP IN 2005:	All groups	White non-Hispanic	Other than White non-Hispanic *				
			Total	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
< 25 years	1,775	726	1,049	731	94	190	28
Percent	3.9%	2.0%	12.3%	13.7%	8.0%	11.5%	8.3%
25-64 years	11,154	7,833	3,321	1,902	508	773	100
Percent	24.7%	21.4%	38.8%	35.7%	43.3%	46.8%	29.6%
65+ years	32,186	27,999	4,187	2,690	571	688	210
Percent	71.3%	76.6%	48.9%	50.5%	48.7%	41.7%	62.1%
Total, all ages**	45,115	36,558	8,557	5,323	1,173	1,651	338
Percent	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

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

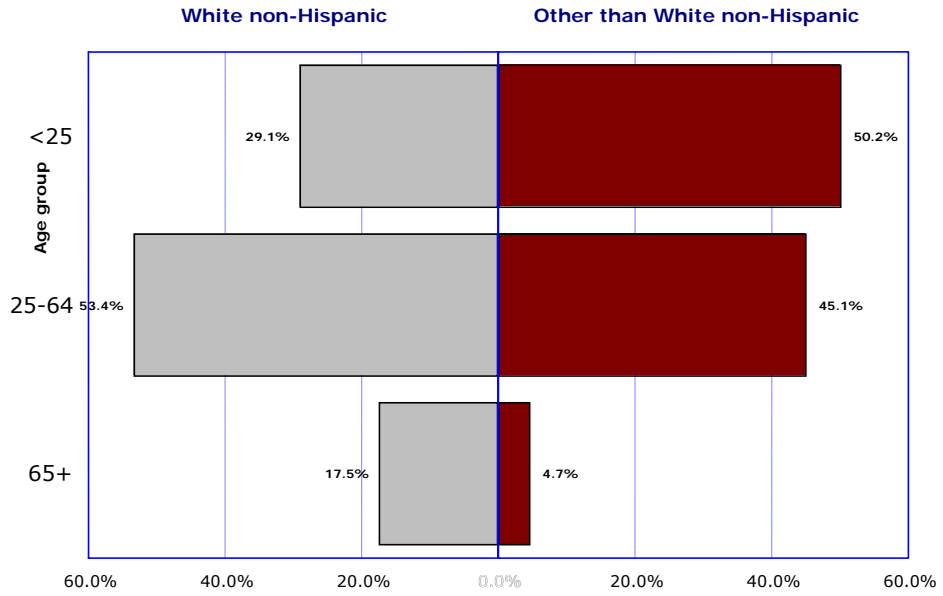
**Includes unknown age.

Source: the 2005 death certificate file for Arizona residents

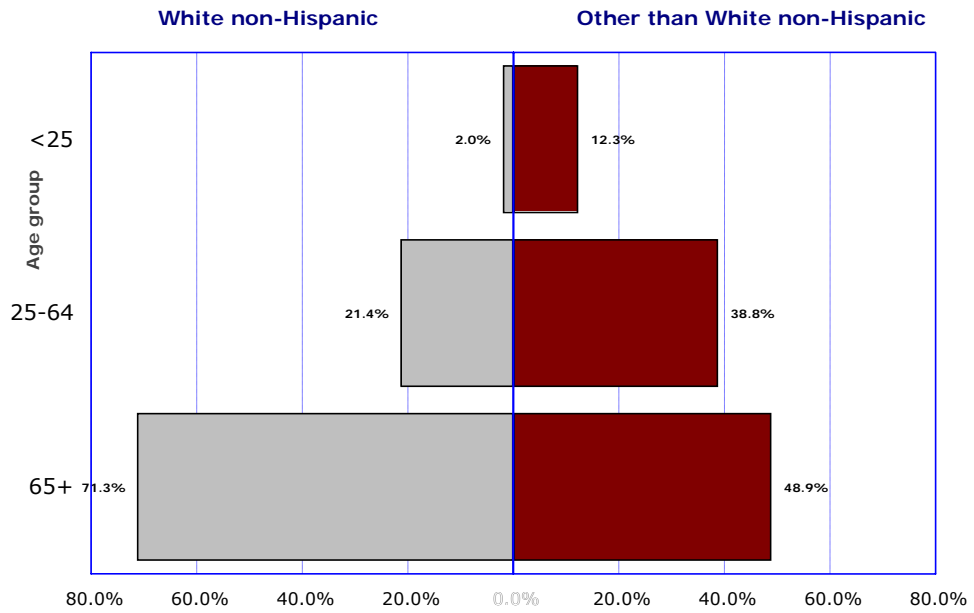
In 2005, the absolute majority of deaths of American Indian (58.3 percent) and Black (51.3 percent) residents of Arizona occurred before the age of 65 years, compared to 23.4 percent among White non-Hispanics.

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, 2005



Percent distribution of deaths by age group and race/ethnicity, Arizona, 2005



METHODS

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

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

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

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

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

The rates and ratios presented in sections 1-4 and 7-9 of *Comparative Measures of Health Status by Race/Ethnicity* and *Rates and Ratios for 2005* are directly comparable to the previously published rates and ratios for 1995, 1997, and 1999. However, the cause-specific mortality rates in section 5 and section 6 CANNOT BE compared to cause-specific mortality rates published in prior editions of this report. This is because beginning with the 2000 data year in Arizona (1999 nationally) two major changes have occurred that affect the computation of mortality rates and analyses of mortality data over time. First, a new revision of the International Classification of Diseases (ICD), used to classify causes of death, was implemented. The Tenth Revision (ICD-10) has replaced the Ninth Revision (ICD-9), which was in effect since 1979. Second, a new population standard for the age adjustment of mortality rates has replaced the standard based on the 1940 population and used since 1943. The new set of age-adjustment weights uses the projected year 2000 U.S. population as a standard. Both changes have profound effects on the comparability of mortality data and continuity in statistical trends. Age-adjusted rates can only be compared to other age-adjusted rates that use the same population standard. In this report, ALL age-adjusted mortality rates are based on the (new) 2000 standard, and they CANNOT BE compared to rates using the 1940 standard population.

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

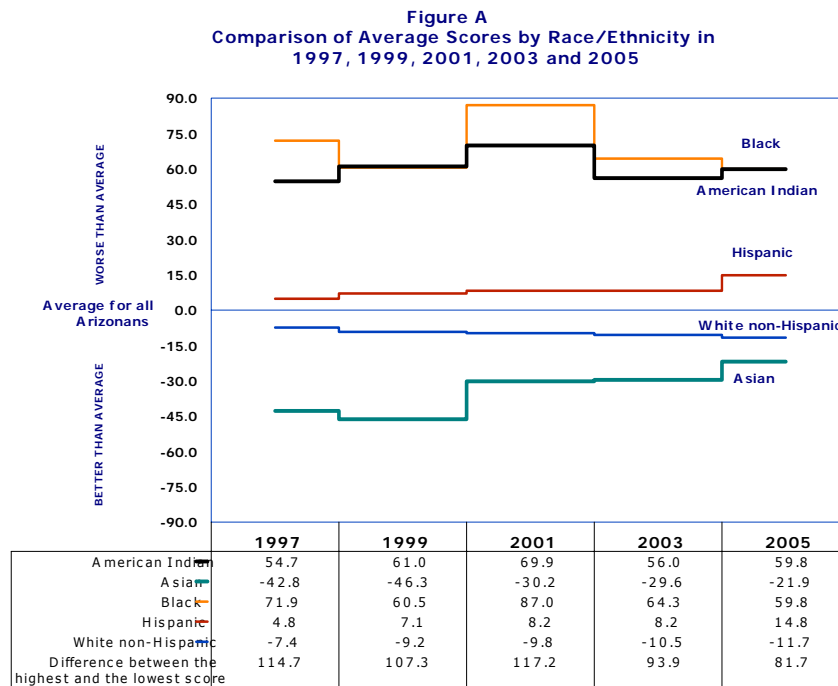
Prior editions of this report were published for the 1995, 1997, 1999, 2001 and 2003 data years. This report uses the same methodology as the 1997, 1999, 2001 and 2003 editions, so that average scores and average ranks (but not mortality rates published before 2000) are directly comparable.

*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 1995-2005 is available in Table 2D-1 of "Arizona Health Status and Vital Statistics 2005" report at <http://www.azdhs.gov/plan/report/ahs/ahs2005/pdf/2d1.pdf>

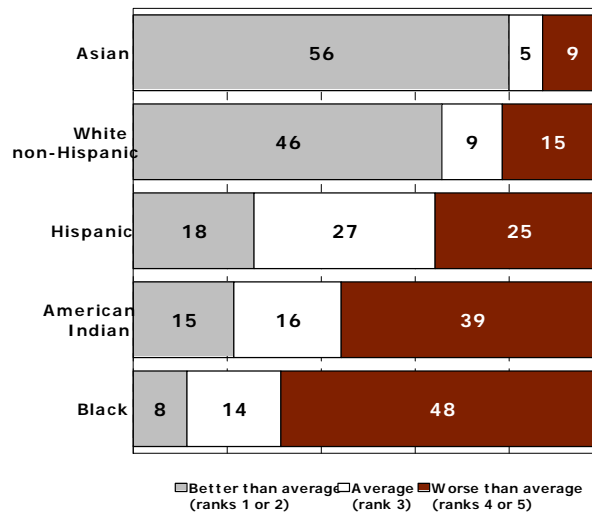
KEY FINDINGS

The inequity between the groups, as measured by the range of score values from the lowest (the most favorable standing among the groups) to the highest (the least favorable standing), narrowed from 117.2 points in 2001 to 81.7 in 2005 (**Figure A**). The average score for Blacks improved from 87.0 in 2001 to 59.8 in 2005. Compared to a score of -7.4 in 1997, the average score for White non-Hispanics steadily improved to -11.7 in 2005. In contrast, the average score for American Indians worsened from 56.0 in 2003 to 59.8 in 2005. Both Asians and Hispanics had their worst average scores in 2005, compared to their average scores in 1997, 1999, 2001 and 2003 (**Figure A**).

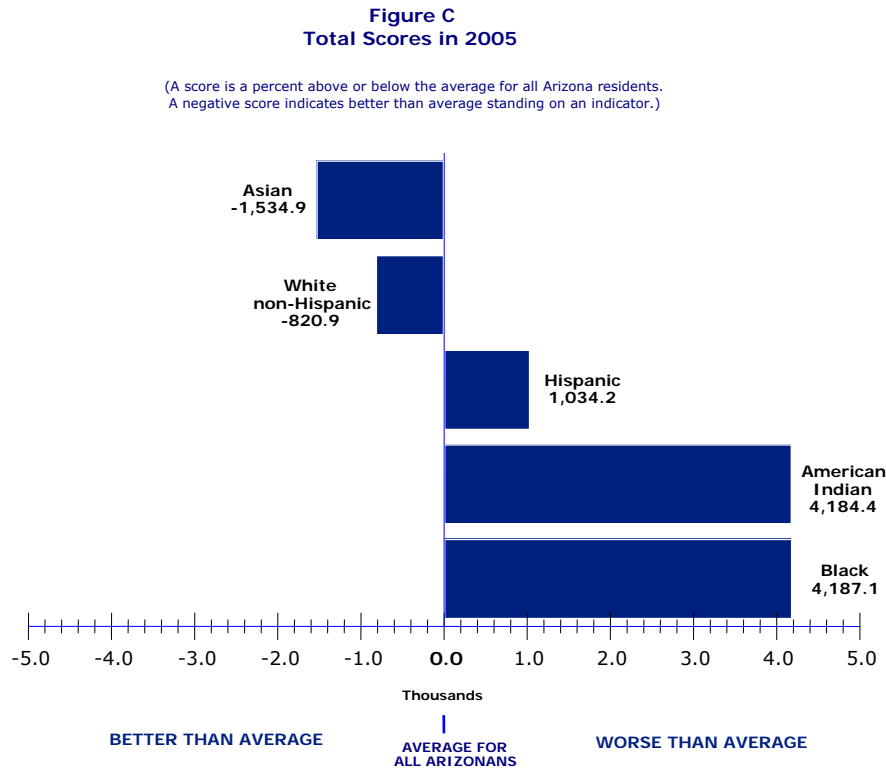


In 2005 as in 2003, 2001, 1999 and 1997, Arizona's Asian residents ranked best among race/ethnic groups in the overall health status, followed by White non-Hispanics, Hispanics, American Indians, and Blacks (**Figure B**).

Figure B
Number of Times Each Group Ranked Better Than
Average, Average, and Worse Than Average
on 70 Indicators, Arizona, 2005



The total scores based on all 70 measurements ranged from -1,534.9 for Asians to 4,187.1 for Blacks (**Figure C**). The difference in the average scores for White non-Hispanics and Hispanics widened from 12.2 points in 1997 (-7.4 and 4.8) to 26.5 points in 2005 (-11.7 and 18.9; **Figure A**). The total scores for American Indians (4,184.4) and Blacks (4,187.1) differed by a mere 0.6 percent.



ASIANS or PACIFIC ISLANDERS

Average rank: 2.0* Total score: -1,534.9 Average score: -21.9**

In 2005, Asian residents of Arizona ranked best or second best among race/ethnic groups on 56 of 70 indicators, including measures of utilization of prenatal care services, cause-and-age-specific mortality and in low incidence of teen pregnancies or reportable diseases. Asians median age at death was the second highest among the race/ethnic groups in Arizona in 2005. Asians also had the lowest risk of injury mortality in accidents, as well as drug-induced deaths and firearm-related mortality. However, their overall score deteriorated steadily from -46.3 in 1999 to -30.2 in 2001, -29.6 in 2003 and -21.9 in 2005. The rate of drug-induced deaths among Asians increased from 0.0 (no fatalities) in 2002 and 2003 to 0.8 in 2004 and 2.1 in 2005 (See *Comparative Rates and Ratios for 2000-2005*). The rate of firearm-related deaths jumped from 1.4 in 2004 to 7.5 in 2005. The total mortality rate of 629.5 deaths per 100,000 Asian or Pacific Islander residents of the State was the lowest rate among the race/ethnic groups, but it was the highest rate for Asians since 2000. So were the mortality rates for Alzheimer’s disease, cardiovascular diseases, influenza and pneumonia and fall-related injuries.

*The average rank based on all 70 measurements (the sum of the ranks divided by 70 measurements. Ranks range between 1 = the highest rank of health indicators and 5 = the lowest rank of health indicators). See section RATES AND RATIOS IN 2005, p.95.
 **The average score based on all 70 measurements (the sum of all scores divided by 70 measurements). See section SCORES IN 2005, p.101.

WHITE NON-HISPANICS

Average rank: 2.4 Total score: -820.9 Average score: -11.7

White non-Hispanics ranked second best in the relative healthiness among race/ethnic groups in Arizona. They ranked No.1 or No.2 on 46 of 70 measures of health, including low teen pregnancy rates, high utilization of prenatal care and low premature mortality. However, in the use of tobacco among women giving birth, as well as in the incidence of genital herpes during pregnancy and in mortality rates for chronic lower respiratory diseases, White non-Hispanics ranked worst among race/ethnic groups. The White non-Hispanic overall score of -11.7 in 2005 was their best score since 1997. It reflects consistent improvements in teen pregnancy rates, as well as mortality rates for cardiovascular diseases in general (and coronary heart disease and stroke in particular), cancer, and HIV disease. The total mortality rate 744.6 deaths/100,000 in 2005 was the second lowest mortality rate of White non-Hispanics in 2000-2005.

HISPANICS or LATINOS

Average rank: 3.0 Total score: 1,034.2 Average score: +14.8

In 2005, as in 2003, 2001, 1999 and 1997, Hispanics achieved a 3rd place health ranking. However, unlike in the past, their 2005 average score was substantially higher than that of White non-Hispanics (14.8 vs. -11.7). The average score of Hispanics increased 1.8 times from 8.2 in 2003 to 14.8 in 2005. Hispanics ranked in the middle of five groups on 27 of 70 measures of health. They ranked best or second best on 18 indicators in 2005, a decrease from 22 indicators in 2003. They ranked worse than average with high teen pregnancy rates and high premature mortality. They ranked better than average with low suicide mortality rate, low alcohol and tobacco use among women giving birth, low incidence of preterm births and postneonatal mortality. The overall score of 14.8 reflects a wider gap between the statewide averages in 2005 and the rates or ratios specific to Hispanics. In 2003, the mortality rate for diabetes among Hispanics was 92.6 percent greater than the average rate for all groups; in 2005 it was 128.9 percent greater. *Comparative Rates and Ratios for 2000-2005* provide detailed picture of changes over time for all of the 70 measures.

AMERICAN INDIANS or ALASKA NATIVES

Average rank: 3.7 Total score: 4,184.4 Average score: +59.8

In 2005, American Indians in Arizona had the second highest average score among all groups and second lowest rank of overall health status. They ranked 5th or 4th 39 times on 70 indicators (**Figure B**), and they exceeded the statewide averages by a wider margin than any other group except Blacks (**Figure C**). American Indians ranked poorly on measures of maternal lifestyle and health as well as in utilization of prenatal care. High incidence of birth defects and high infant mortality, alcoholism, diabetes, motor vehicle accidents and mortality from unintentional injuries contributed to the premature death rate. In 2005, compared to White non-Hispanics, on average American Indian residents of Arizona were 20 years younger at time of death. This resulted in the second lowest ranking of American Indians in the relative healthiness among racial and ethnic groups in Arizona.

BLACKS or AFRICAN AMERICANS

Average rank: 3.9

Total score: 4,187.1

Average score: +59.8

The average score of Arizona Black or African American residents has improved from 87.0 in 2001 to 64.3 in 2003 and 59.8 in 2005. Despite this improvement, Blacks or African Americans had the lowest rank of overall health status because they ranked 5th or 4th among the five race/ethnic groups on 48 of 70 measures (see **Figure B**). No other race/ethnic group exceeded the statewide averages by a wider margin than Blacks. High infant mortality rate, high ratios of low birthweight and very low birthweight births, high incidence of many reportable diseases, high mortality rates for almost all of the leading causes of death and high rate of premature death all lowered the ranking for this population group. However, Blacks or African Americans ranked better than average with low mortality rates for alcohol-induced causes, cervical cancer and fall-related injuries.

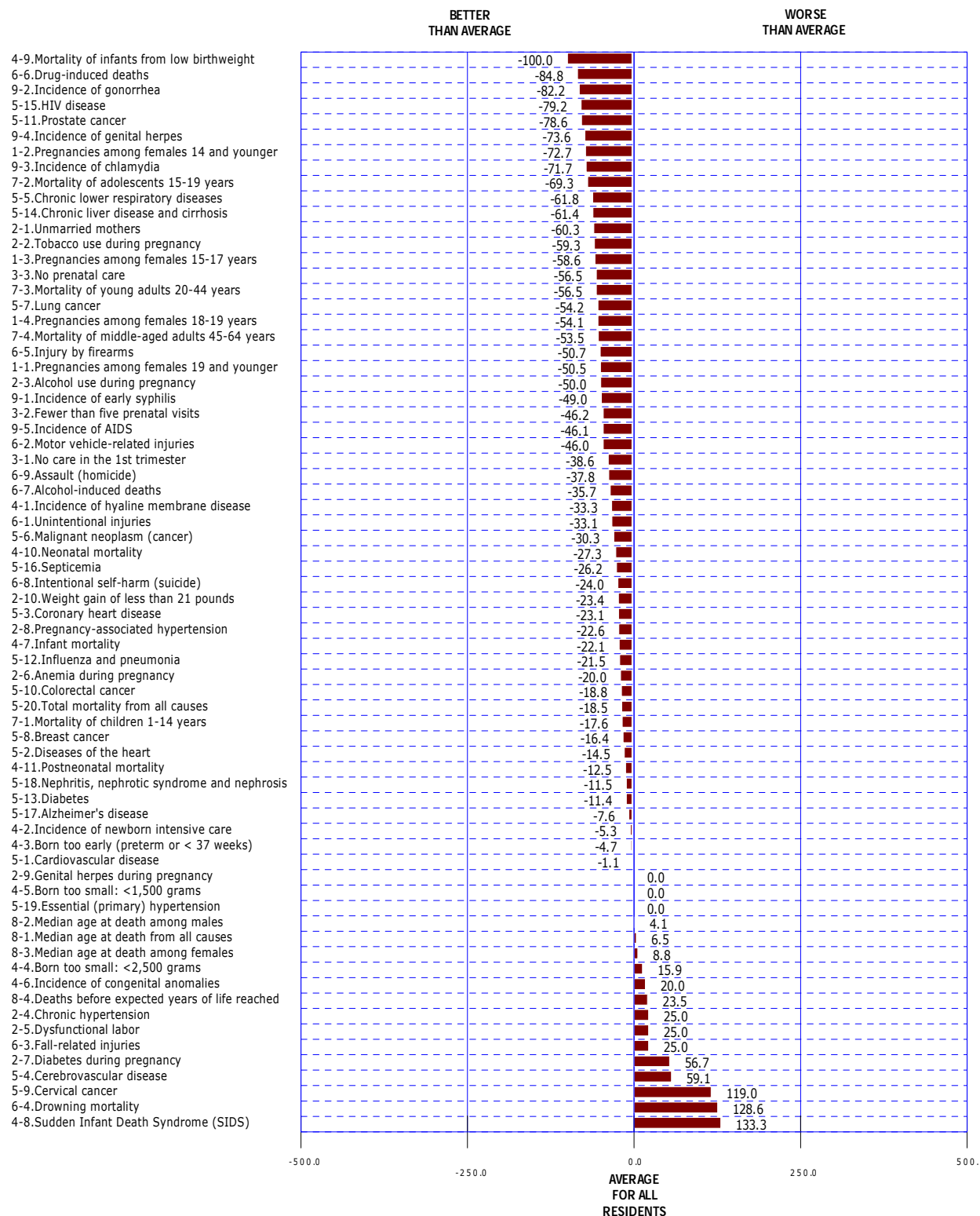
COMPARATIVE RATES AND RATIOS FOR 2000 and 2005

The 140 bar charts provide a snapshot of differences between the race/ethnic groups in Arizona in 2000 and 2005. For the convenience of the readers, these inter-group comparisons for two points in time are supplemented by more detailed comparisons over time in a special section of the report (*Comparative Rates and Ratios for 2000 – 2005*, p.111), which documents the race/ethnicity-specific changes by year from 2000 through 2005 on the 70 health status measures.

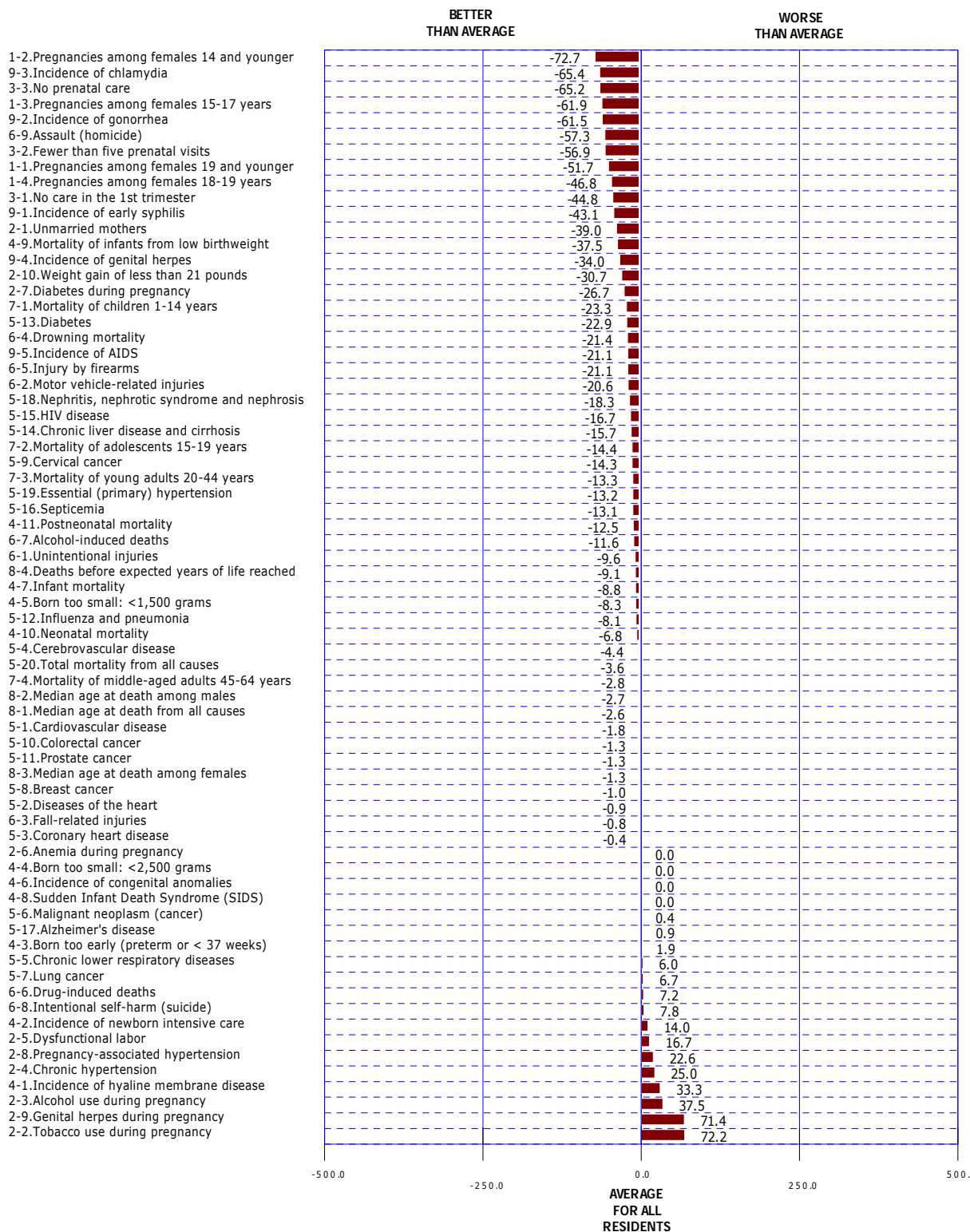
RISK PROFILES

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

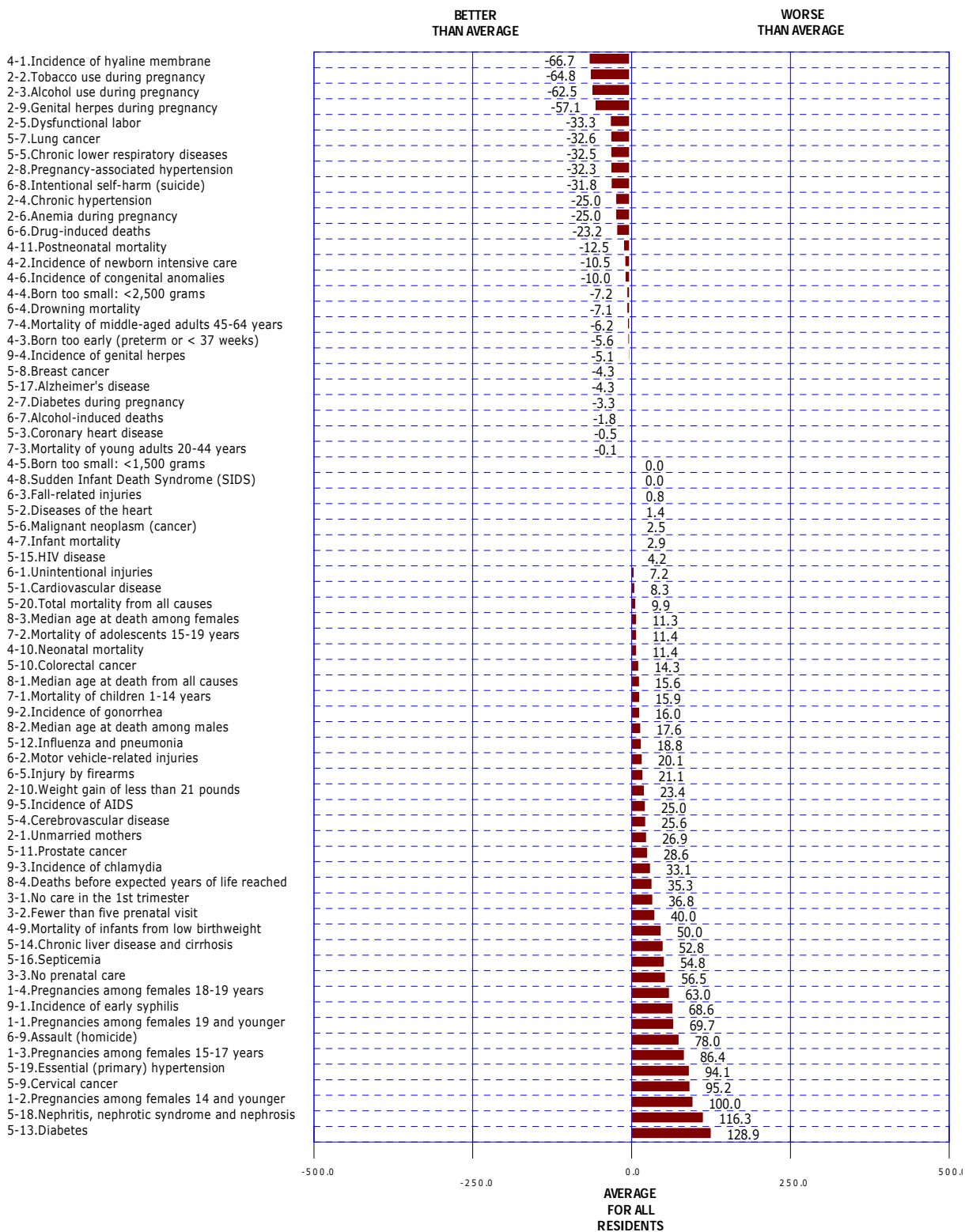
Risk Profile of Asians or Pacific Islanders (percent above or below the State mean)



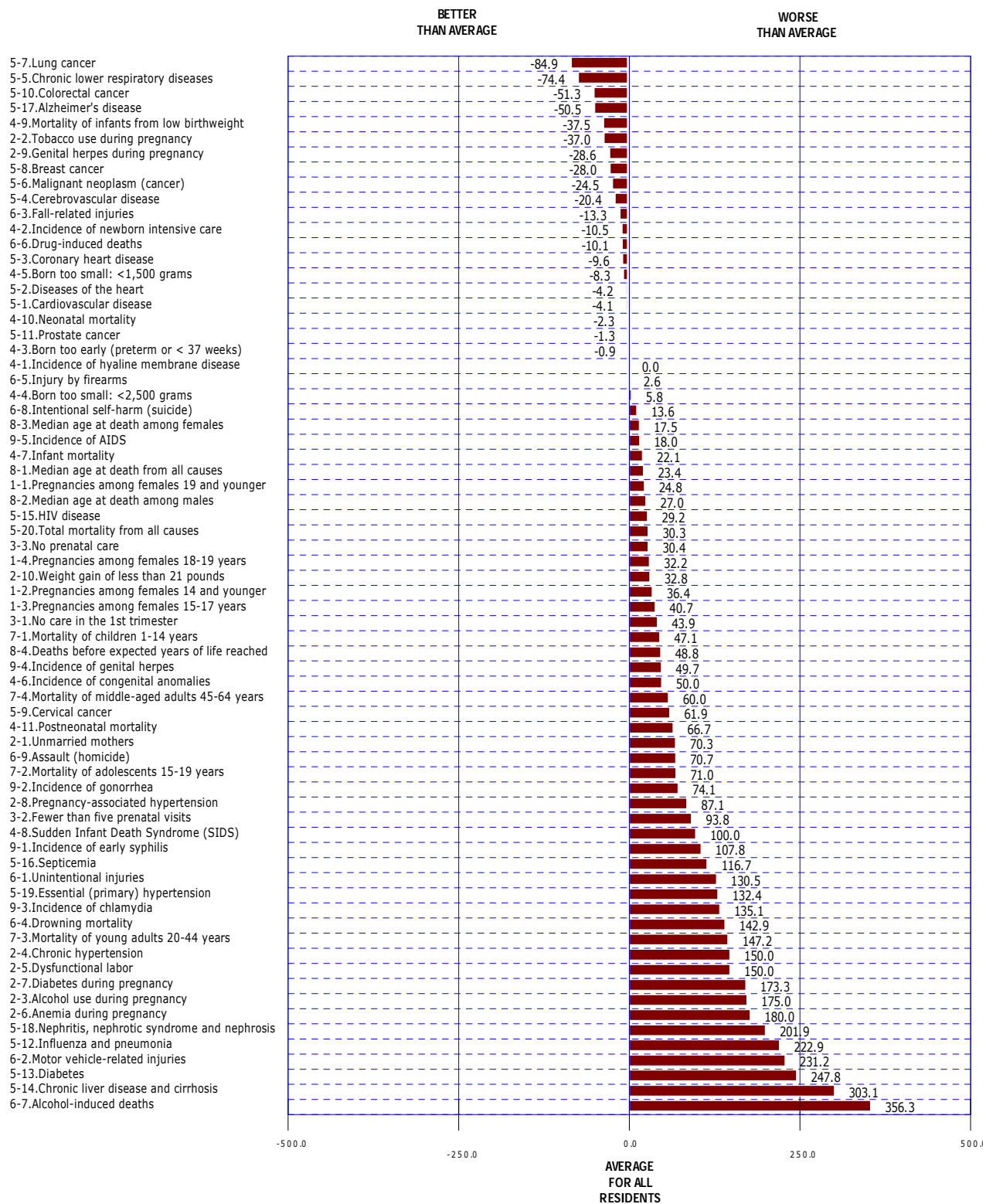
Risk Profile of White non-Hispanics (percent above or below the State mean)



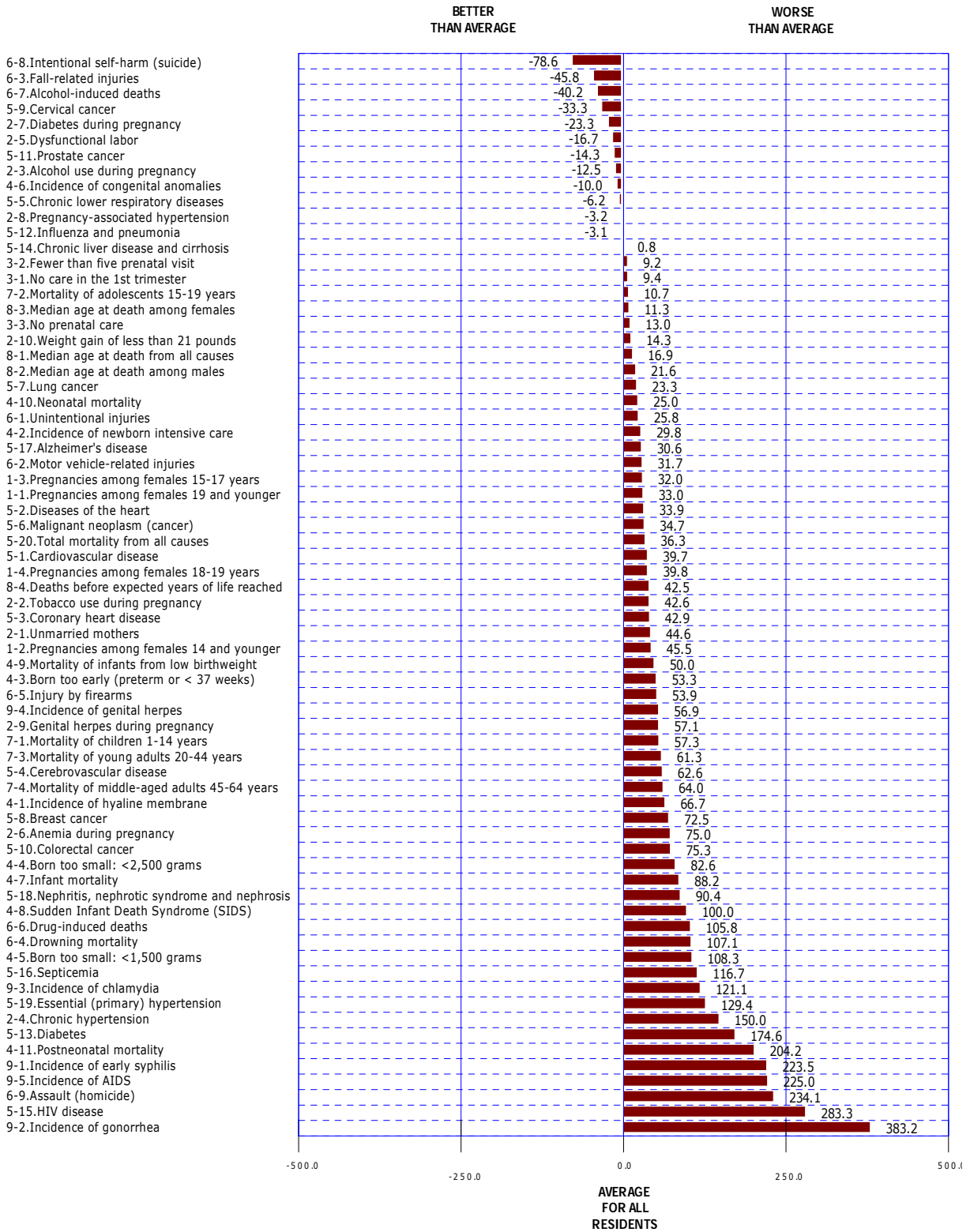
Risk Profile of Hispanics or Latinos (percent above or below the State mean)



Risk Profile of American Indians or Alaskan Natives (percent above or below the State mean)



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



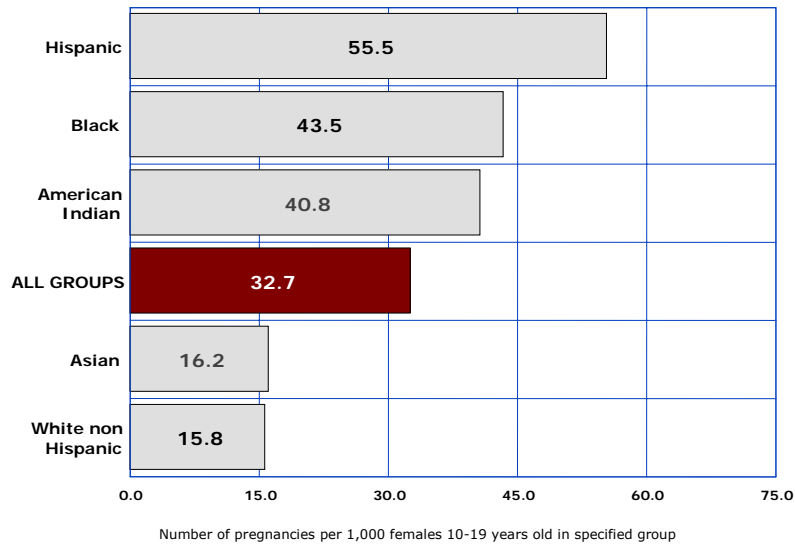
**COMPARATIVE MEASURES
OF HEALTH STATUS BY
RACE/ETHNICITY
IN 2005**

1 Teen Pregnancies

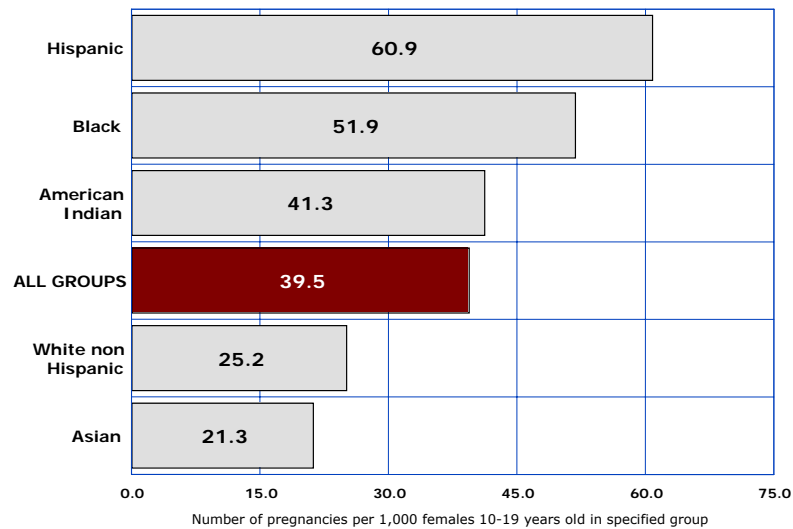
- 1-1 Pregnancies Among Females 19 or Younger**
- 1-2 Pregnancies Among Females 14 or Younger**
- 1-3 Pregnancies Among Females 15-17 Years Old**
- 1-4 Pregnancies Among Females 18-19 Years Old**

1-1 PREGNANCIES AMONG FEMALES 19 OR YOUNGER

2005



2000

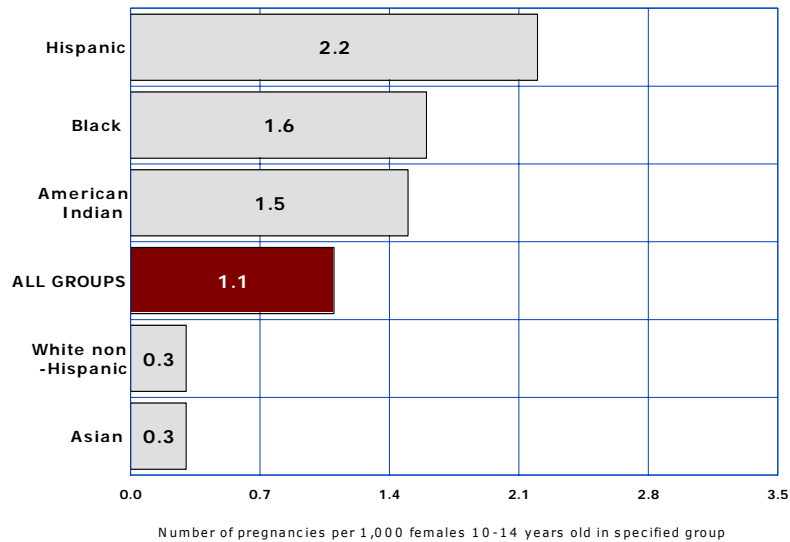


COMPARATIVE RATES FOR 2000 AND 2005

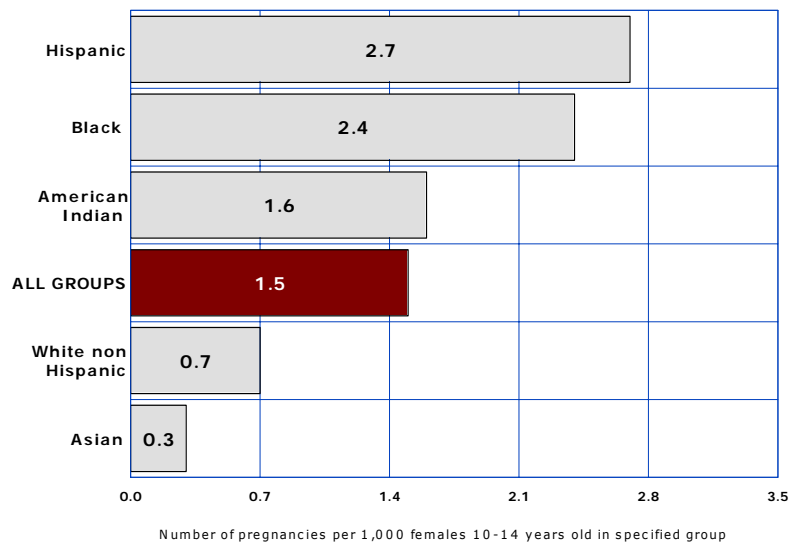
Rate per 1,000 females by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	39.5	25.2	60.9	51.9	41.3	21.3
2005	32.7	15.8	55.5	43.5	40.8	16.2
% change from 2000	-17.2	-37.3	-8.9	-16.2	-1.2	-23.9

1-2 PREGNANCIES AMONG FEMALES 14 OR YOUNGER

2005



2000

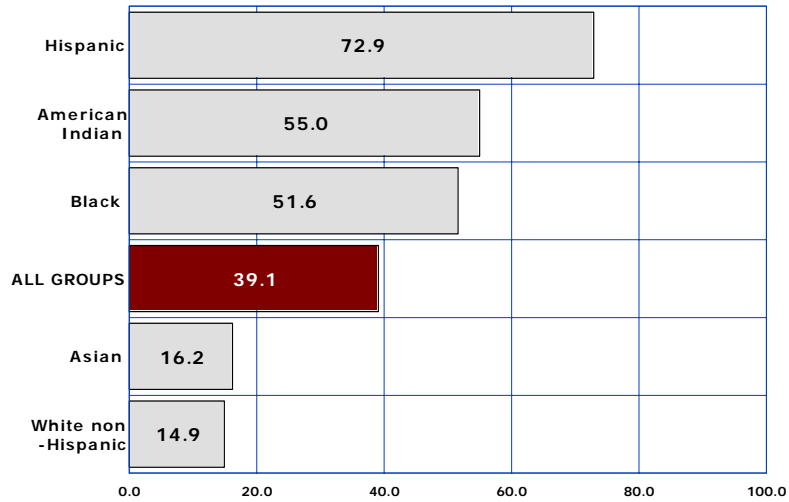


COMPARATIVE RATES FOR 2000 AND 2005

Rate per 1,000 females by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	1.5	0.7	2.7	2.4	1.6	0.3
2005	1.1	0.3	2.2	1.6	1.5	0.3
% change from 2000	-26.7	-57.1	-18.5	-33.3	-6.3	0.0

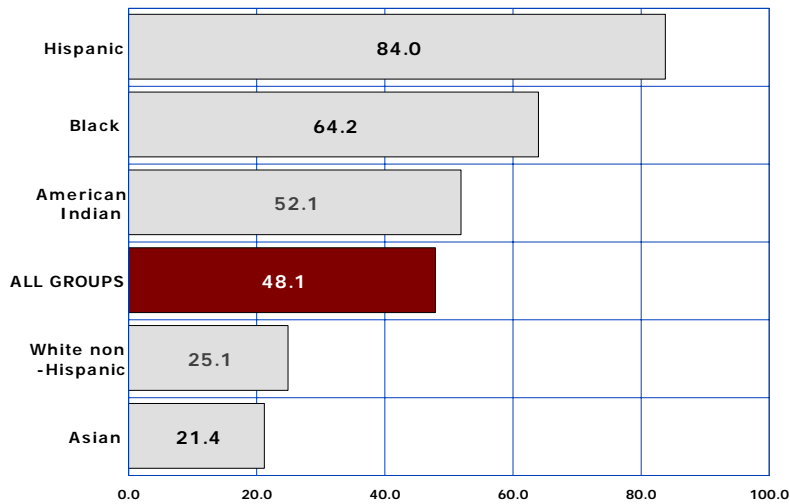
1-3 PREGNANCIES AMONG FEMALES 15-17 YEARS OLD

2005



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

2000



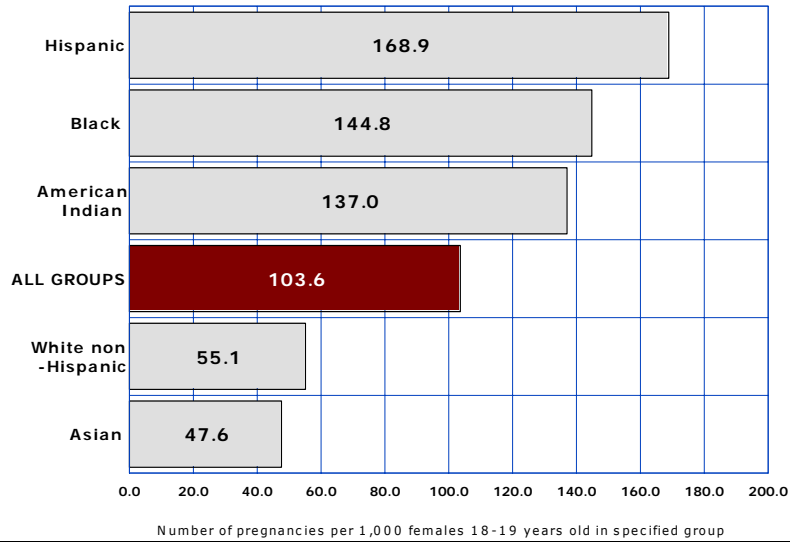
Number of pregnancies per 1,000 females 15-17 years old in specified group

COMPARATIVE RATES FOR 2000 AND 2005

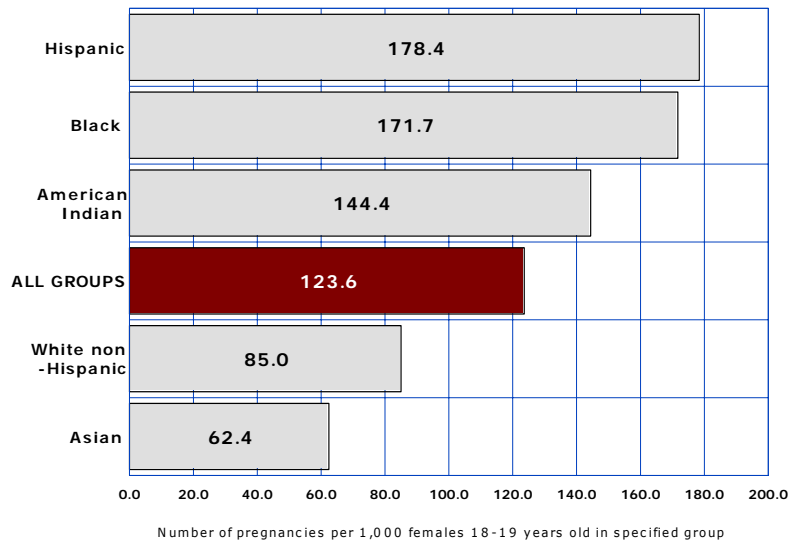
Rate per 1,000 females by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	48.1	25.1	84.0	64.2	52.1	21.4
2005	39.1	14.9	72.9	51.6	55.0	16.2
% change from 2000	-18.7	-40.6	-13.2	-19.6	5.6	-24.3

1-4 PREGNANCIES AMONG FEMALES 18-19 YEARS OLD

2005



2000



COMPARATIVE RATES FOR 2000 AND 2005

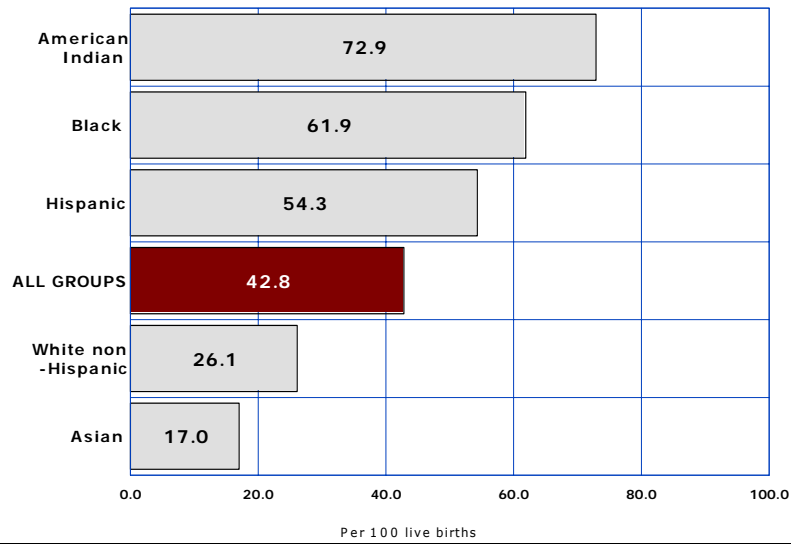
Rate per 1,000 females by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	123.6	85.0	178.4	171.7	144.4	62.4
2005	103.6	55.1	168.9	144.8	137.0	47.6
% change from 2000	-16.2	-35.2	-5.3	-15.7	-5.1	-23.7

Maternal Lifestyle and Health Characteristics

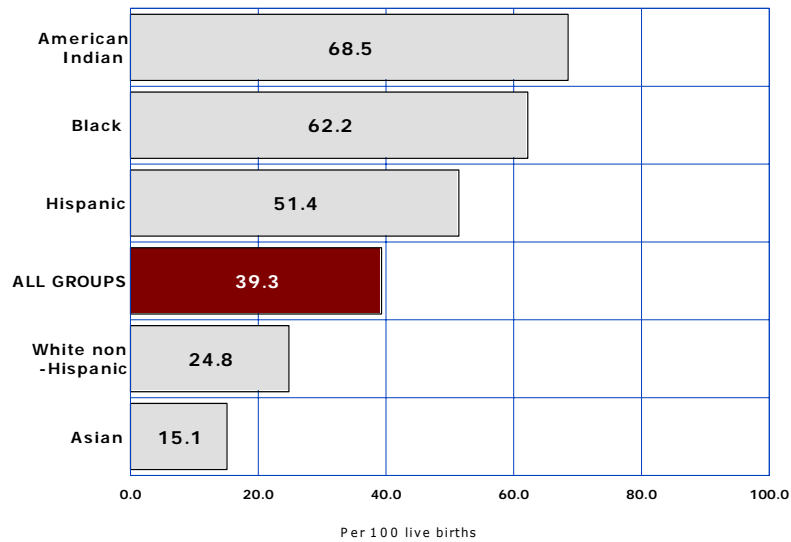
- 2-1 Unmarried Mothers**
- 2-2 Tobacco Use During Pregnancy**
- 2-3 Alcohol Use During Pregnancy**
- 2-4 The Incidence of Chronic Hypertension**
- 2-5 Dysfunctional Labor**
- 2-6 The Incidence of Anemia During Pregnancy**
- 2-7 The Incidence of Diabetes**
- 2-8 The Incidence of Pregnancy-Associated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

2-1 UNMARRIED MOTHERS

2005



2000

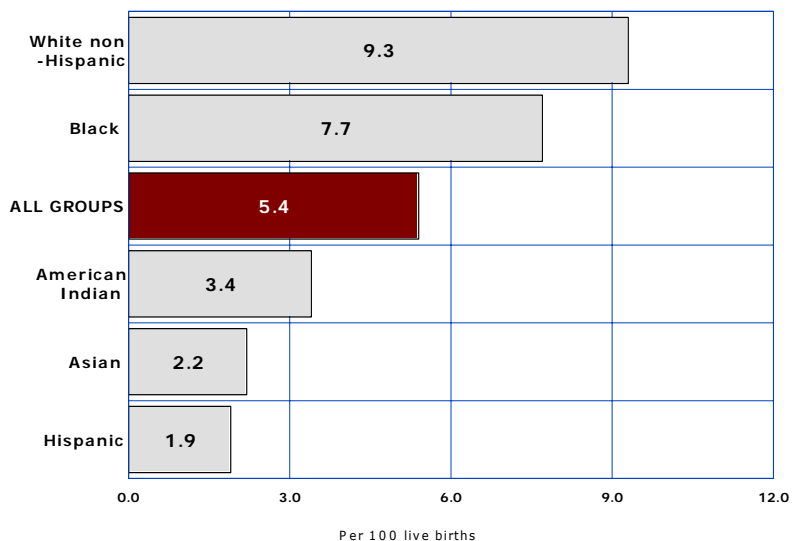


COMPARATIVE RATES FOR 2000 AND 2005

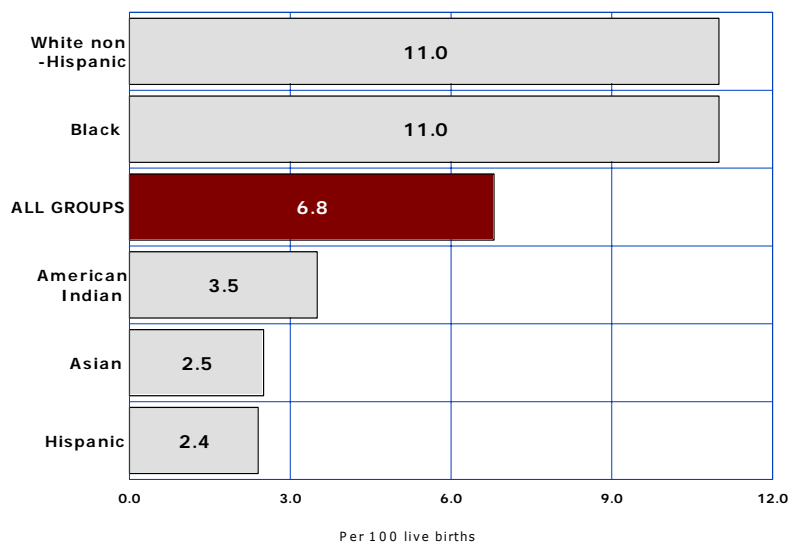
Per 100 births by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	39.3	24.8	51.4	62.2	68.5	15.1
2005	42.8	26.1	54.3	61.9	72.9	17.0
% change from 2000	8.9	5.2	5.6	-0.5	6.4	12.6

2-2 TOBACCO USE DURING PREGNANCY

2005



2000

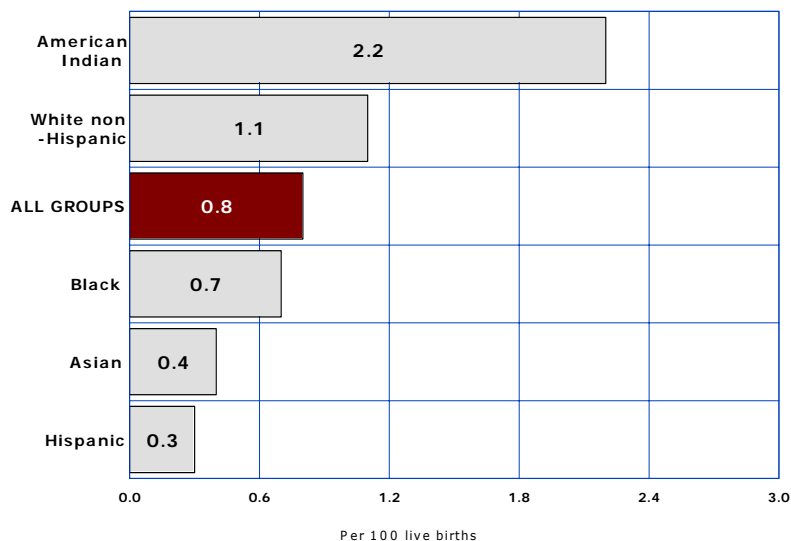


COMPARATIVE RATES FOR 2000 AND 2005

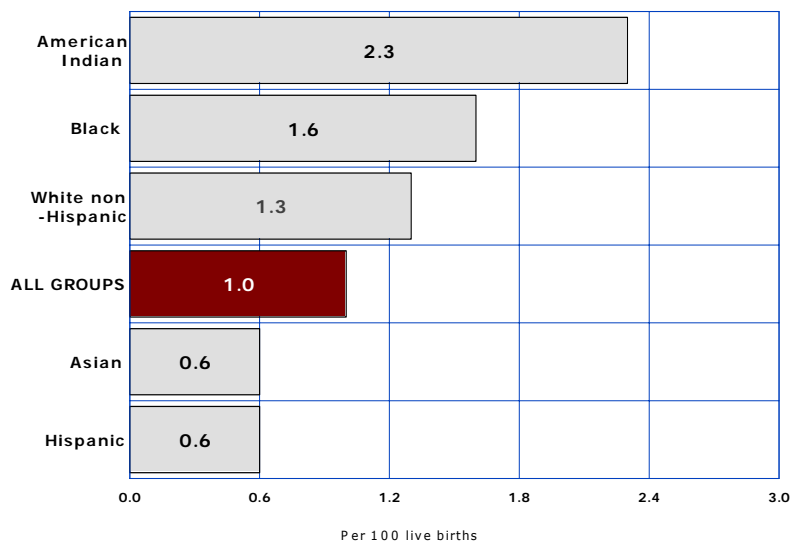
Per 100 births by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	6.8	11.0	2.4	11.0	3.5	2.5
2005	5.4	9.3	1.9	7.7	3.4	2.2
% change from 2000	-20.6	-15.5	-20.8	-30.0	-2.9	-12.0

2-3 ALCOHOL USE DURING PREGNANCY

2005



2000

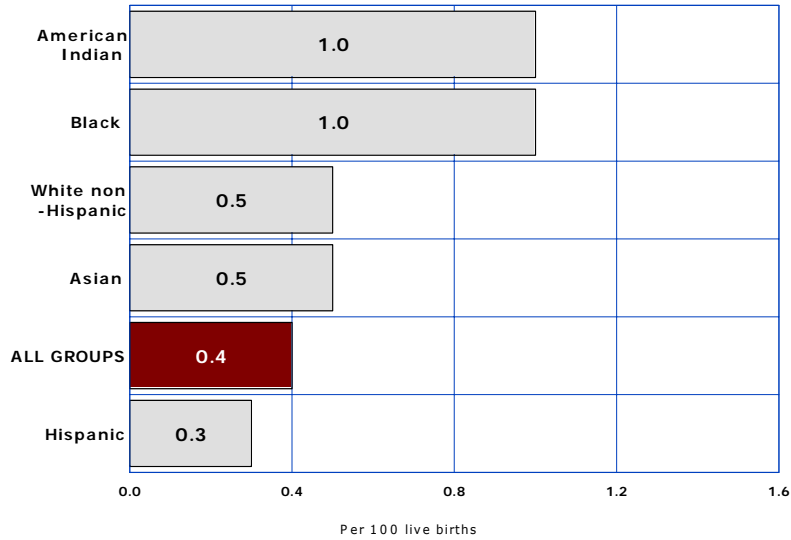


COMPARATIVE RATES FOR 2000 AND 2005

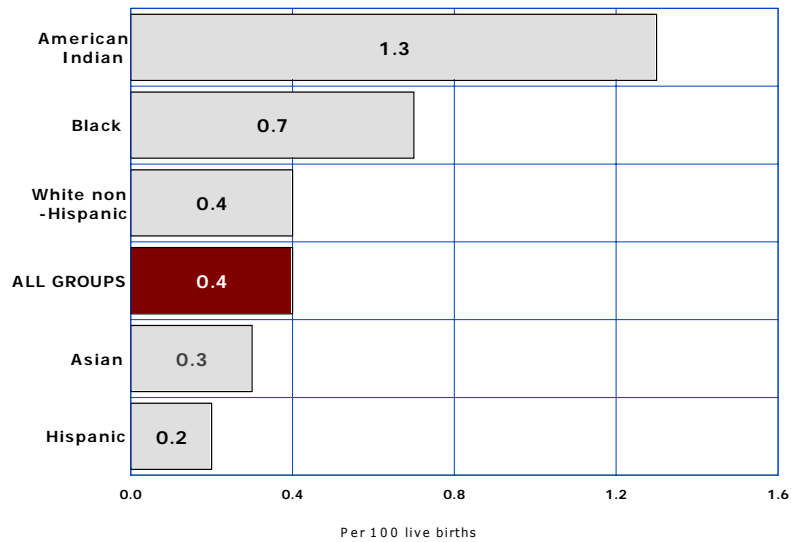
Per 100 births by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	1.0	1.3	0.6	1.6	2.3	0.6
2005	0.8	1.1	0.3	0.7	2.2	0.4
% change from 2000	-20.0	-15.4	-50.0	-56.3	-4.3	-33.3

2-4 CHRONIC HYPERTENSION

2005



2000

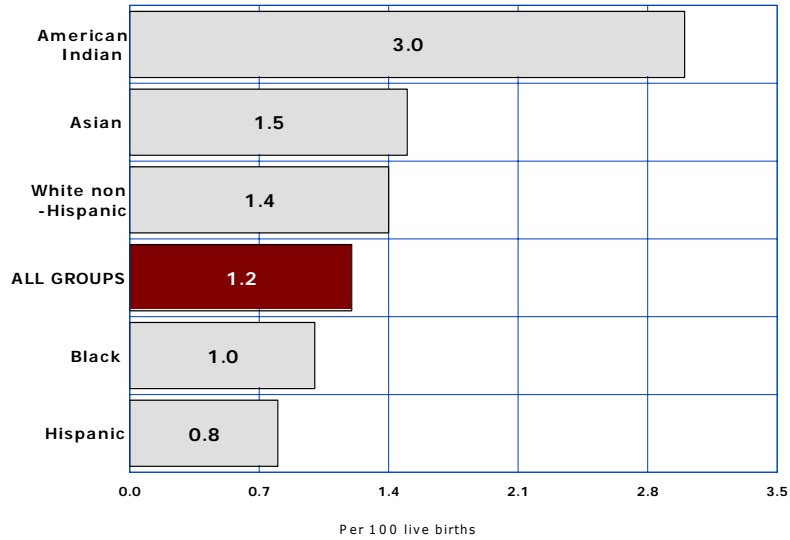


COMPARATIVE RATES FOR 2000 AND 2005

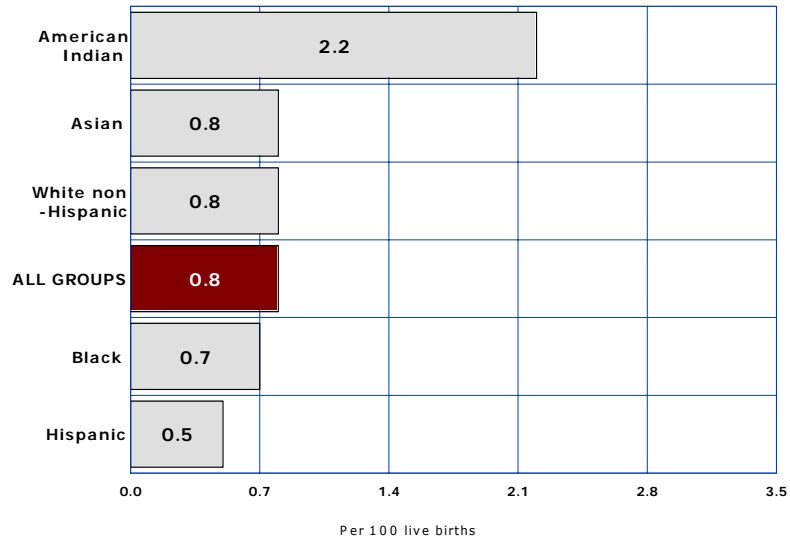
Per 100 births by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	0.4	0.4	0.2	0.7	1.3	0.3
2005	0.4	0.5	0.3	1.0	1.0	0.5
% change from 2000	0.0	25.0	50.0	42.9	-23.1	66.7

2-5 DYSFUNCTIONAL LABOR

2005



2000

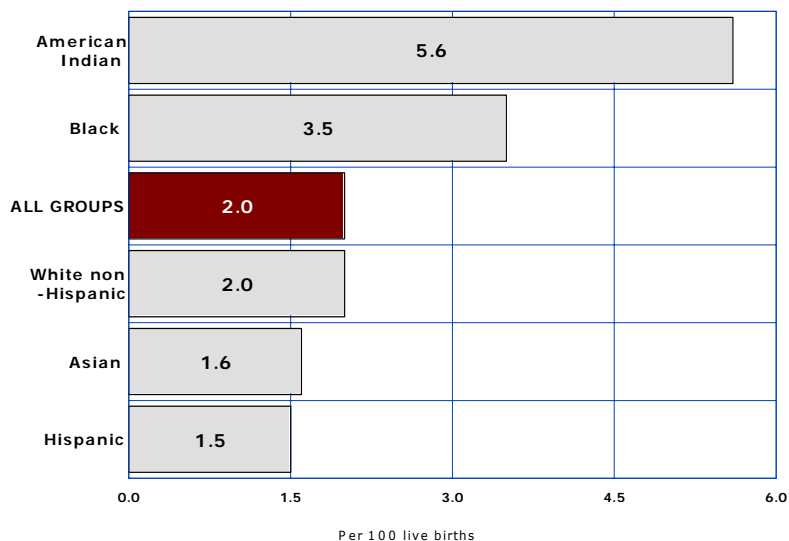


COMPARATIVE RATES FOR 2000 AND 2005

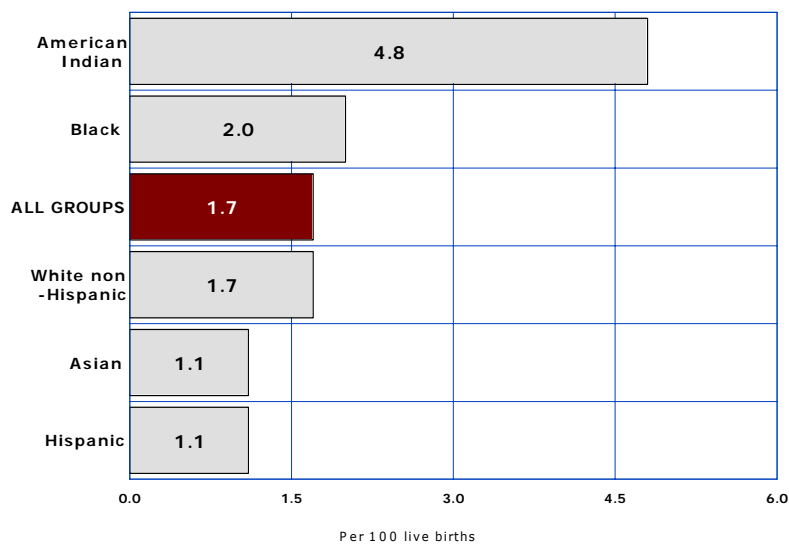
Per 100 births by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	0.8	0.8	0.5	0.7	2.2	0.8
2005	1.2	1.4	0.8	1.0	3.0	1.5
% change from 2000	50.0	75.0	60.0	42.9	36.4	87.5

2-6 ANEMIA DURING PREGNANCY

2005



2000

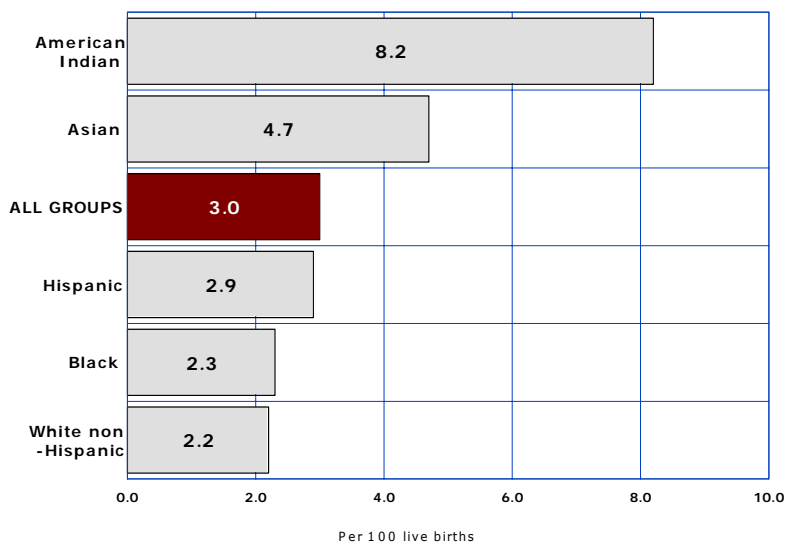


COMPARATIVE RATES FOR 2000 AND 2005

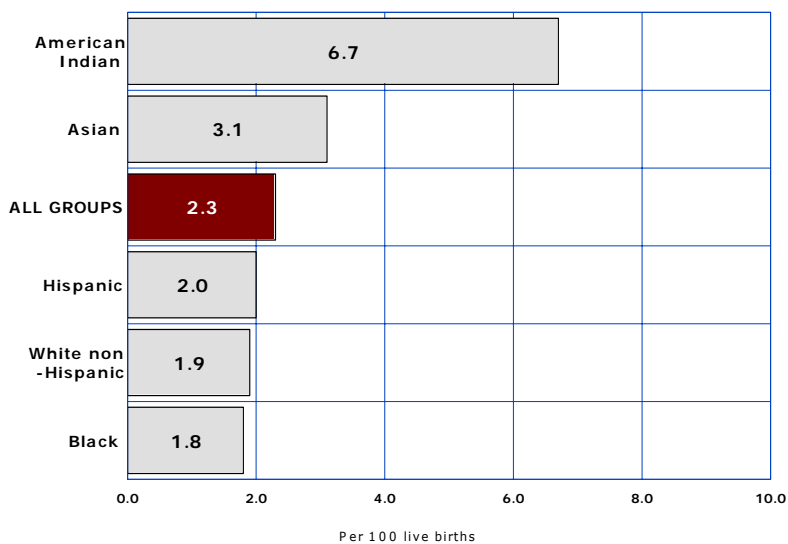
Per 100 births by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	1.7	1.7	1.1	2.0	4.8	1.1
2005	2.0	2.0	1.5	3.5	5.6	1.6
% change from 2000	17.6	17.6	36.4	75.0	16.7	45.5

2-7 DIABETES DURING PREGNANCY

2005



2000

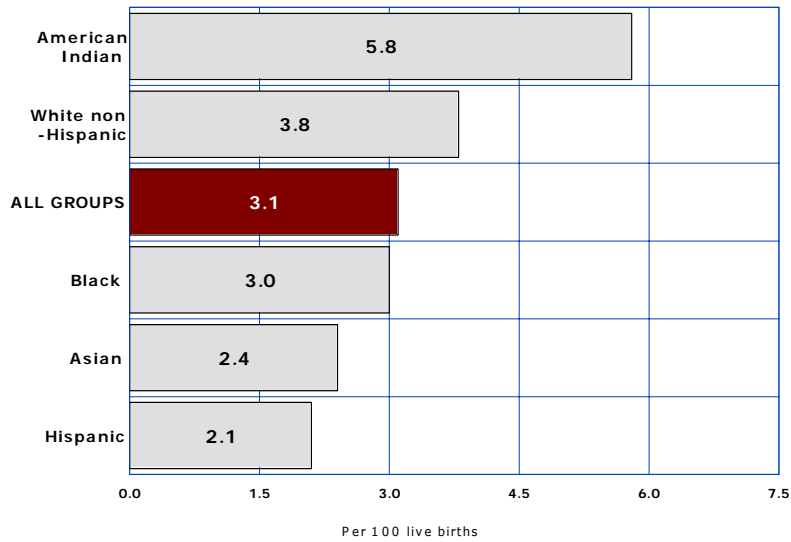


COMPARATIVE RATES FOR 2000 AND 2005

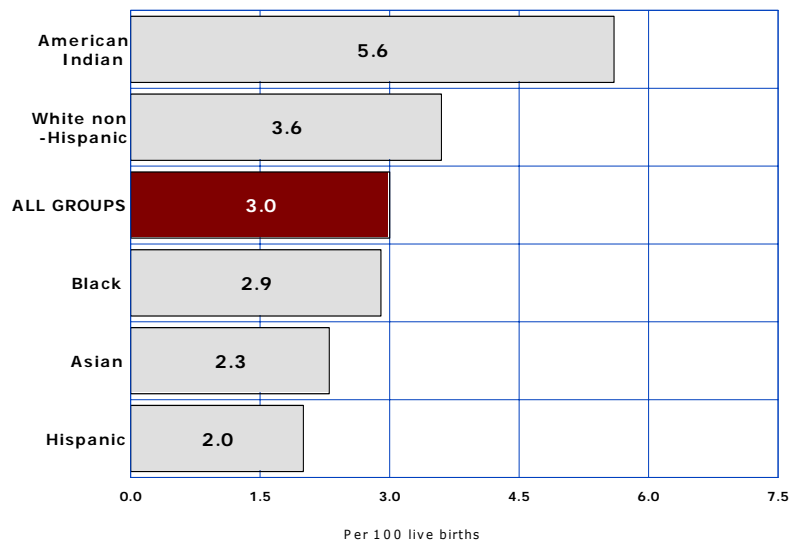
Per 100 births by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	2.3	1.9	2.0	1.8	6.7	3.1
2005	3.0	2.2	2.9	2.3	8.2	4.7
% change from 2000	30.4	15.8	45.0	27.8	22.4	51.6

2-8 PREGNANCY-ASSOCIATED HYPERTENSION

2005



2000

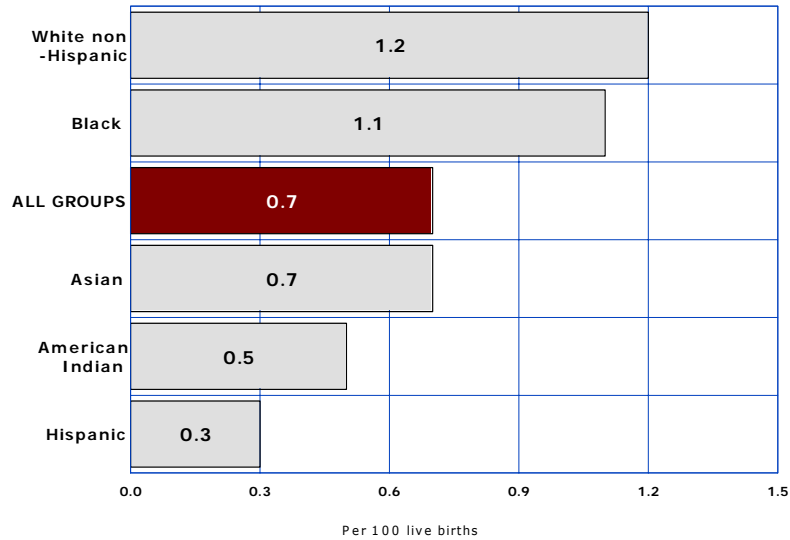


COMPARATIVE RATES FOR 2000 AND 2005

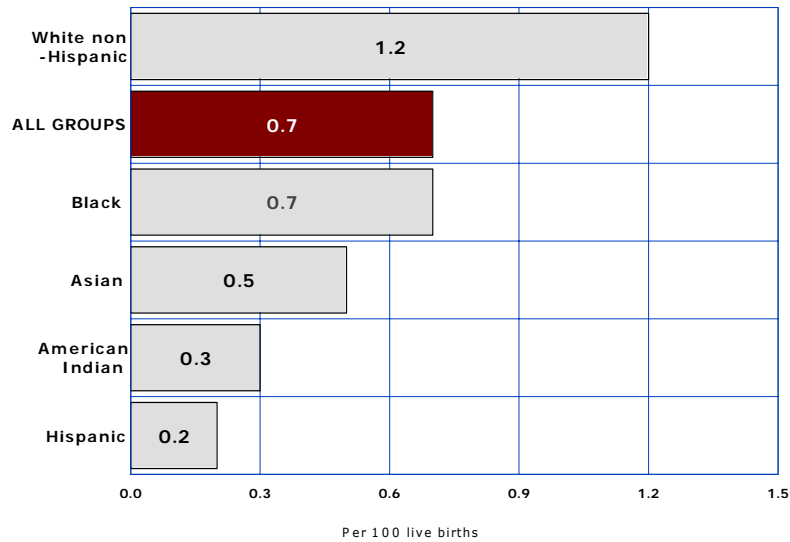
Per 100 births by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	3.0	3.6	2.0	2.9	5.6	2.3
2005	3.1	3.8	2.1	3.0	5.8	2.4
% change from 2000	3.3	5.6	5.0	3.4	3.6	4.3

2-9 GENITAL HERPES DURING PREGNANCY

2005



2000



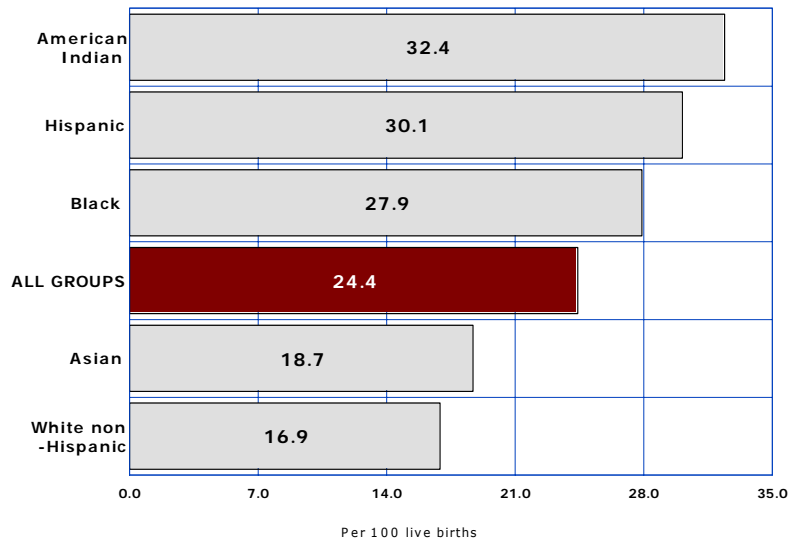
COMPARATIVE RATES FOR 2000 AND 2005

Per 100 births by race/ethnicity

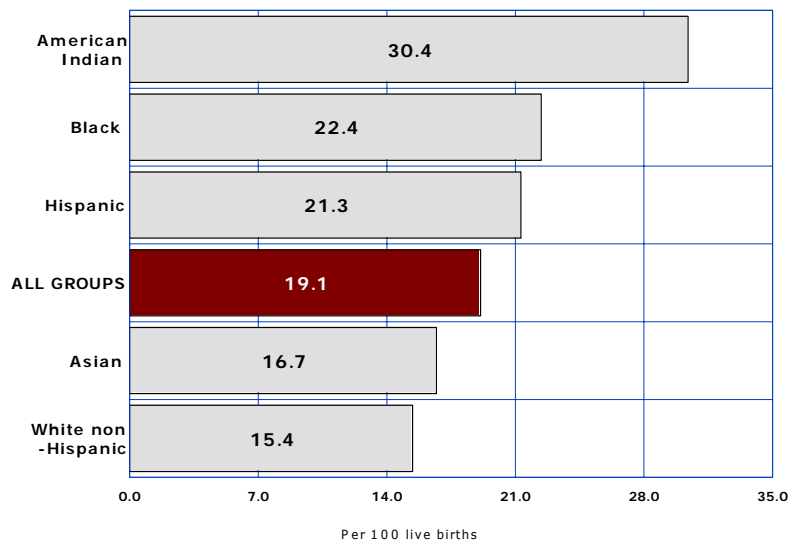
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	0.7	1.2	0.2	0.7	0.3	0.5
2005	0.7	1.2	0.3	1.1	0.5	0.7
% change from 2000	0.0	0.0	50.0	57.1	66.7	40.0

2-10 WEIGHT GAIN OF LESS THAN 21 POUNDS

2005



2000



COMPARATIVE RATES FOR 2000 AND 2005						
Per 100 births by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	19.1	15.4	21.3	22.4	30.4	16.7
2005	24.4	16.9	30.1	27.9	32.4	18.7
% change from 2000	27.7	9.7	41.3	24.6	6.6	12.0

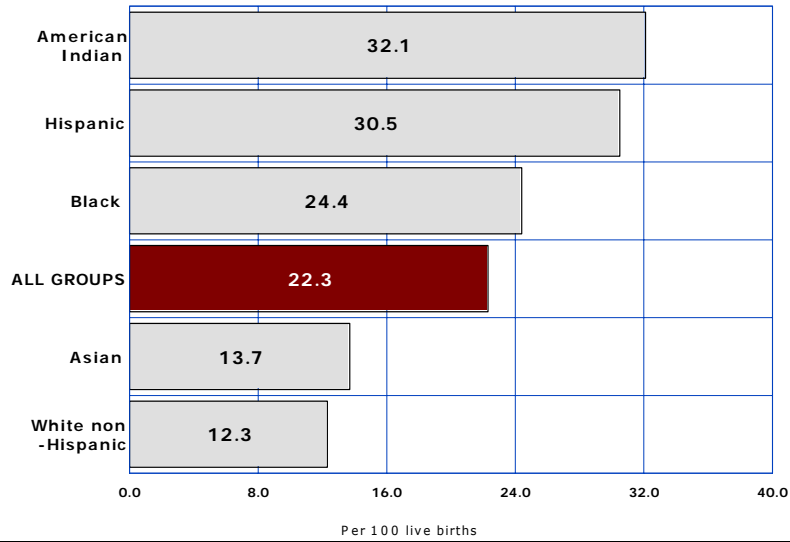
3

Utilization of Prenatal Care Services

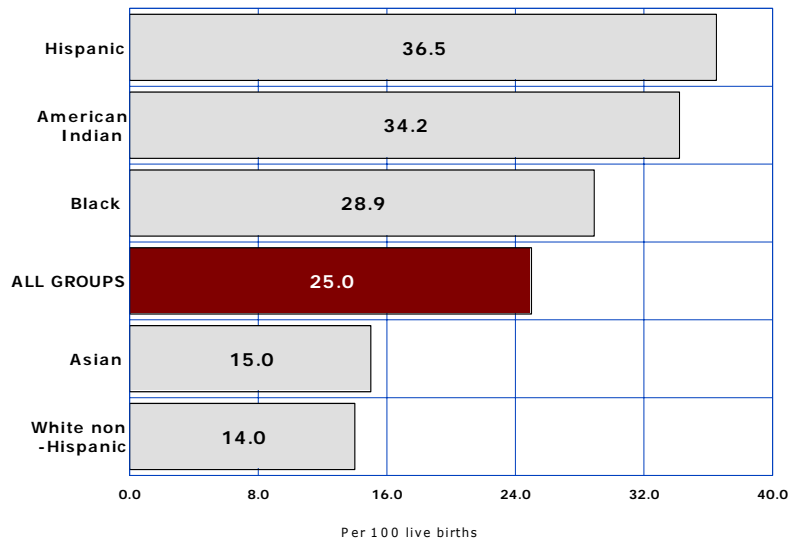
- 3-1 No Care in the 1st Trimester**
- 3-2 Fewer Than Five Prenatal Visits**
- 3-3 No Prenatal Care**

3-1 NO CARE IN THE 1ST TRIMESTER

2005



2000

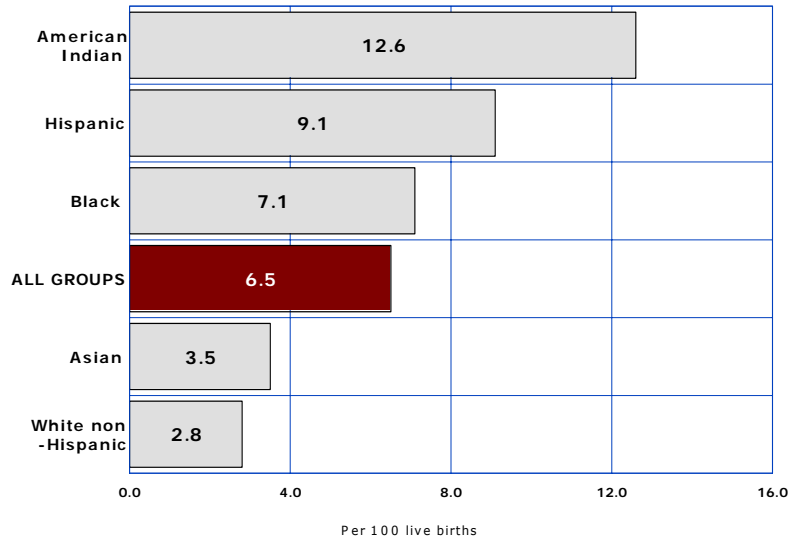


COMPARATIVE RATES FOR 2000 AND 2005

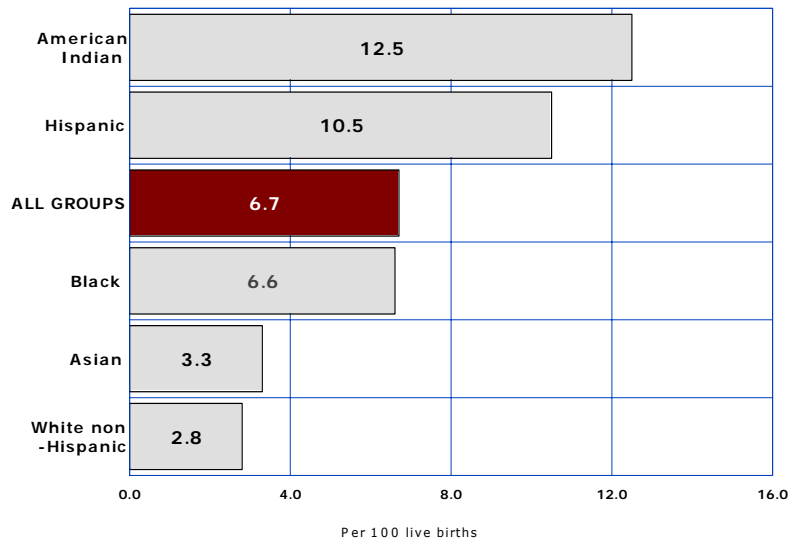
Per 100 births by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	25.0	14.0	36.5	28.9	34.2	15.0
2005	22.3	12.3	30.5	24.4	32.1	13.7
% change from 2000	-10.8	-12.1	-16.4	-15.6	-6.1	-8.7

3-2 FEWER THAN 5 PRENATAL VISITS

2005



2000

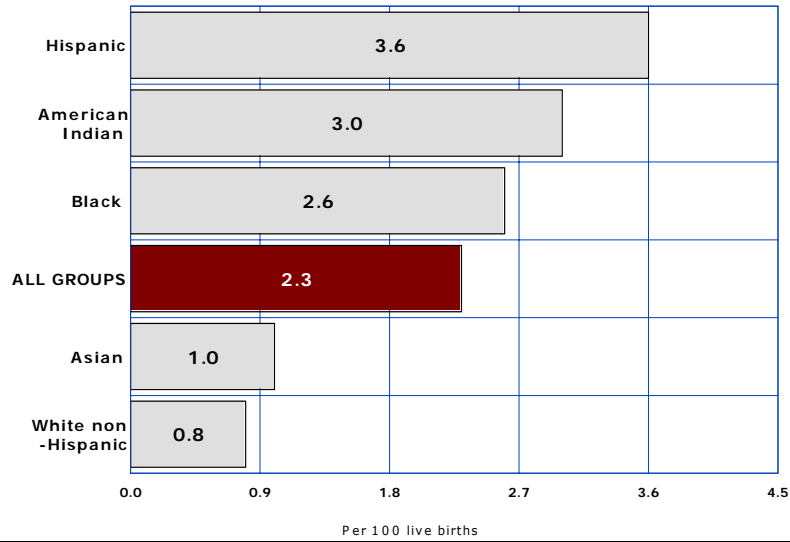


COMPARATIVE RATES FOR 2000 AND 2005

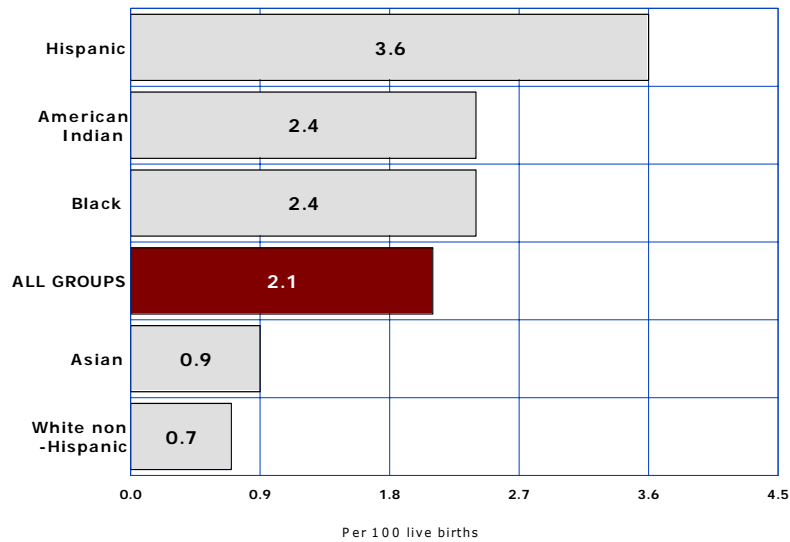
Per 100 births by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	6.7	2.8	10.5	6.6	12.5	3.3
2005	6.5	2.8	9.1	7.1	12.6	3.5
% change from 2000	-3.0	0.0	-13.3	7.6	0.8	6.1

3-3 NO PRENATAL CARE

2005



2000



COMPARATIVE RATES FOR 2000 AND 2005

Per 100 births by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	2.1	0.7	3.6	2.4	2.4	0.9
2005	2.3	0.8	3.6	2.6	3.0	1.0
% change from 2000	9.5	14.3	0.0	8.3	25.0	11.1

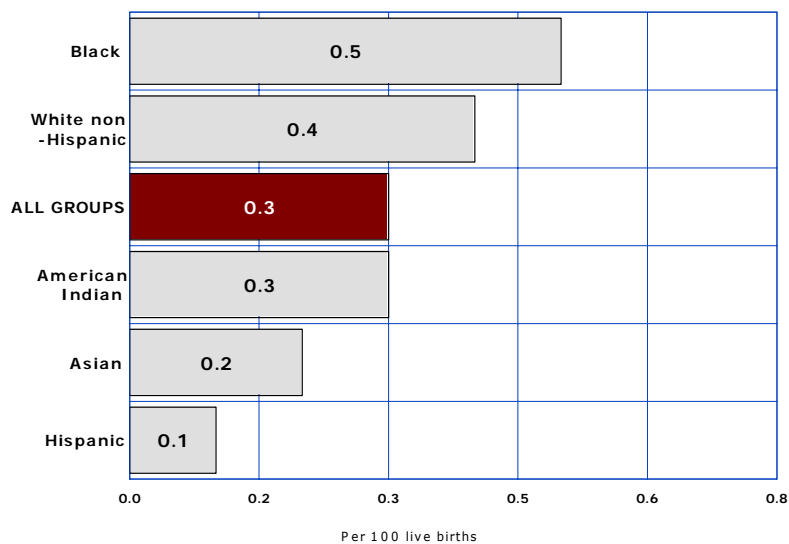
4

Newborn's Health

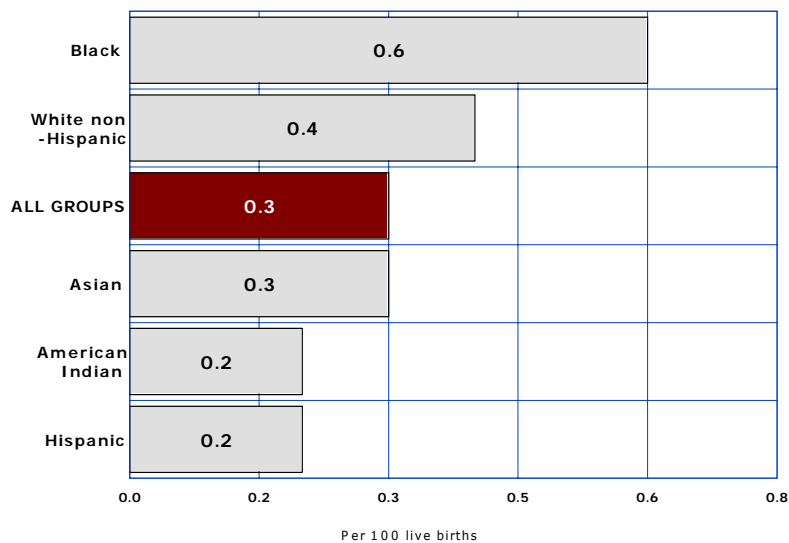
- 4-1 The Incidence of Hyaline Membrane Disease
- 4-2 Newborn Intensive Care
- 4-3 Born Too Early (Preterm or <37 Weeks)
- 4-4 The Incidence of Low-Birthweight Births
- 4-5 The Incidence of Very Low-Birthweight Births
- 4-6 The Incidence of Congenital Anomalies (Birth Defects)
- 4-7 Infant Mortality
- 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

2005



2000

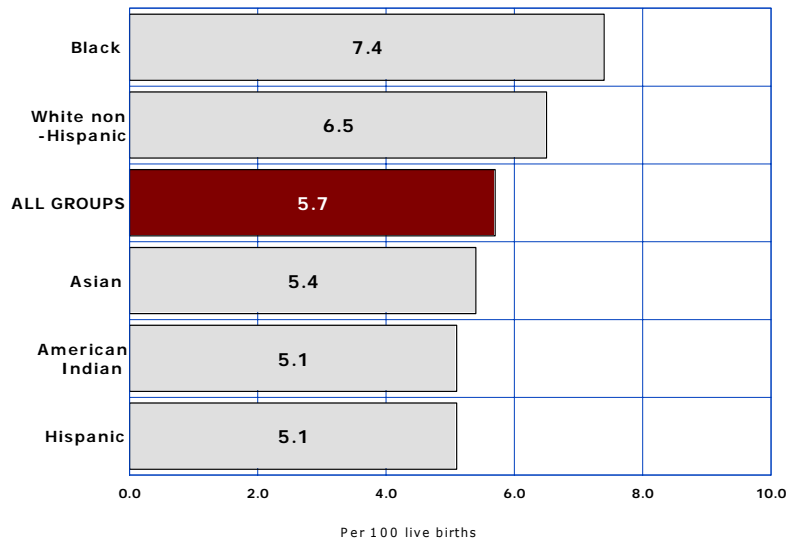


COMPARATIVE RATES FOR 2000 AND 2005

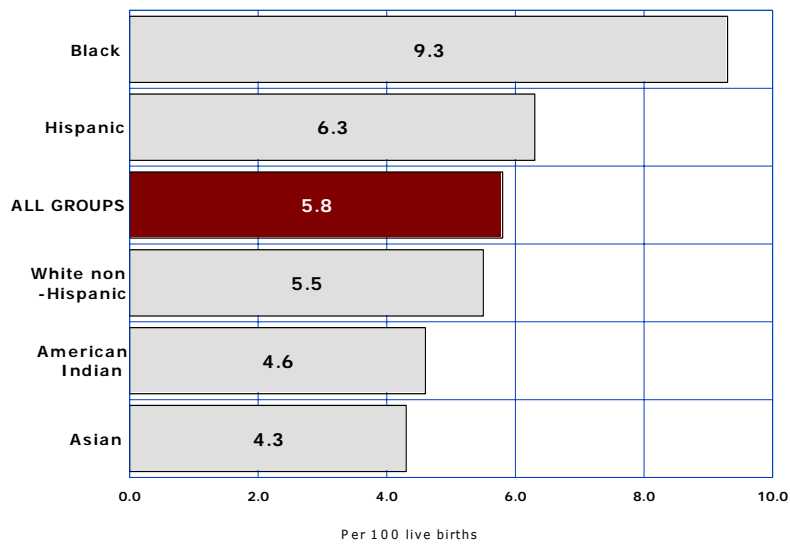
Per 100 births by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	0.3	0.4	0.2	0.6	0.2	0.3
2005	0.3	0.4	0.1	0.5	0.3	0.2
% change from 2000	0.0	0.0	-50.0	-16.7	50.0	-33.3

4-2 INCIDENCE OF NEWBORN INTENSIVE CARE

2005



2000

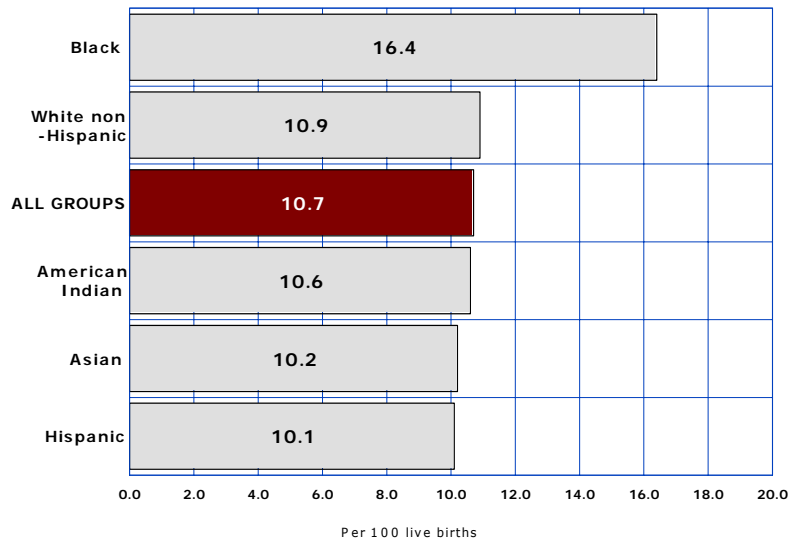


COMPARATIVE RATES FOR 2000 AND 2005

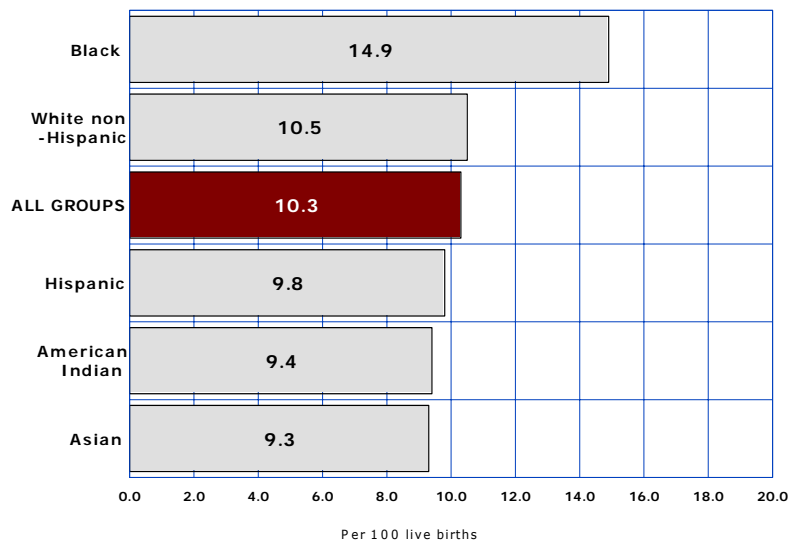
Per 100 births by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	5.8	5.5	6.3	9.3	4.6	4.3
2005	5.7	6.5	5.1	7.4	5.1	5.4
% change from 2000	-1.7	18.2	-19.0	-20.4	10.9	25.6

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

2005



2000

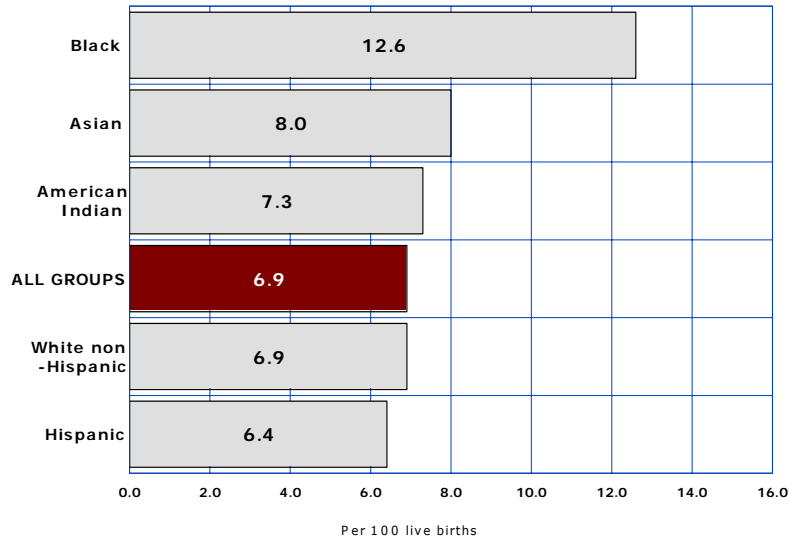


COMPARATIVE RATES FOR 2000 AND 2005

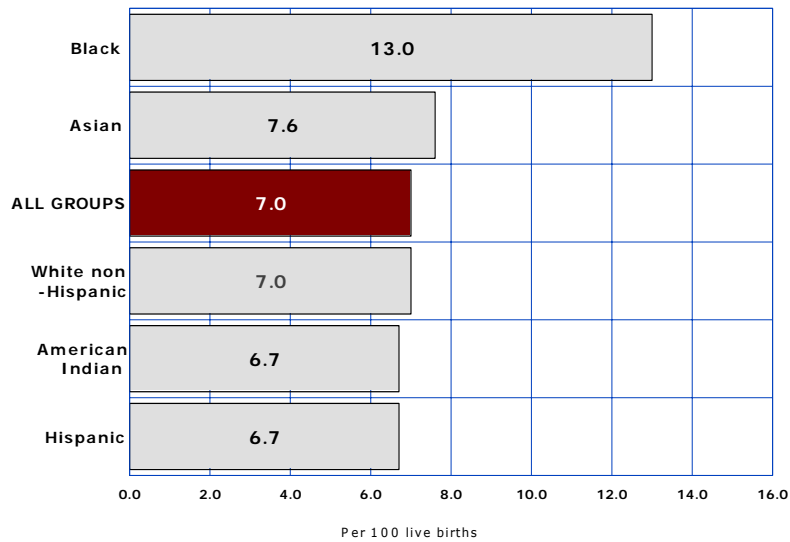
Per 100 births by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	10.3	10.5	9.8	14.9	9.4	9.3
2005	10.7	10.9	10.1	16.4	10.6	10.2
% change from 2000	3.9	3.8	3.1	10.1	12.8	9.7

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

2005



2000

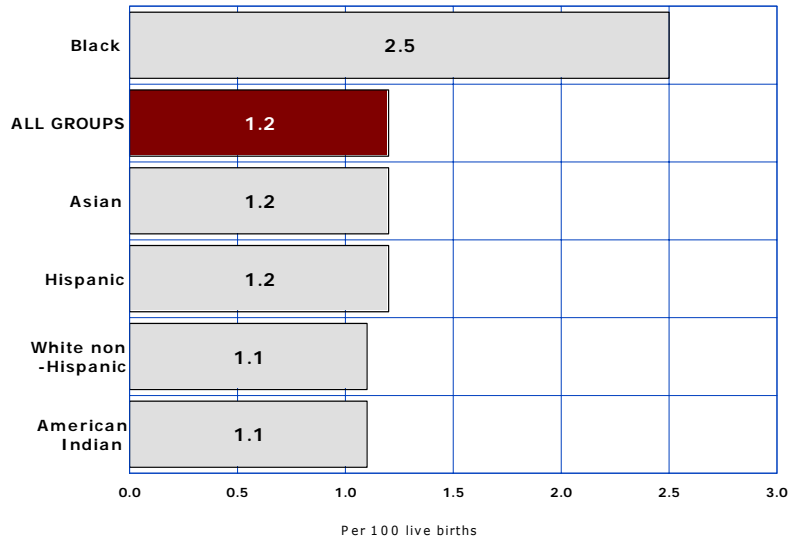


COMPARATIVE RATES FOR 2000 AND 2005

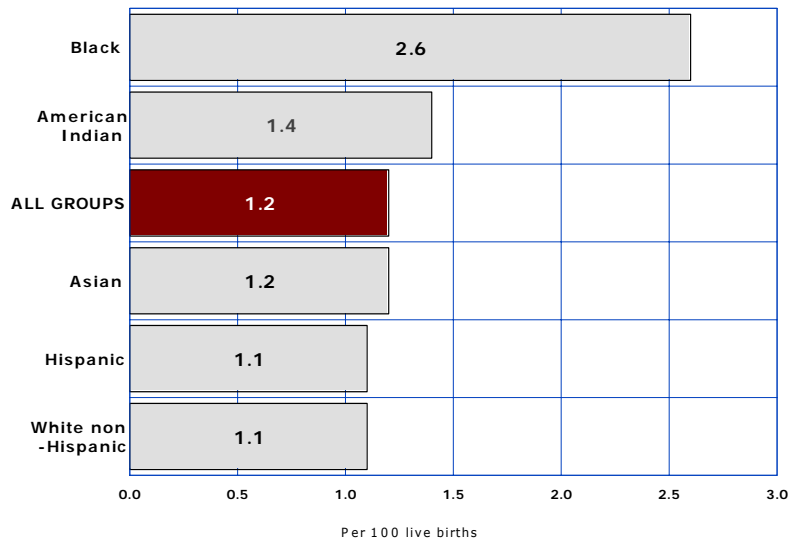
Per 100 births by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	7.0	7.0	6.7	13.0	6.7	7.6
2005	6.9	6.9	6.4	12.6	7.3	8.0
% change from 2000	-1.4	-1.4	-4.5	-3.1	9.0	5.3

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

2005



2000

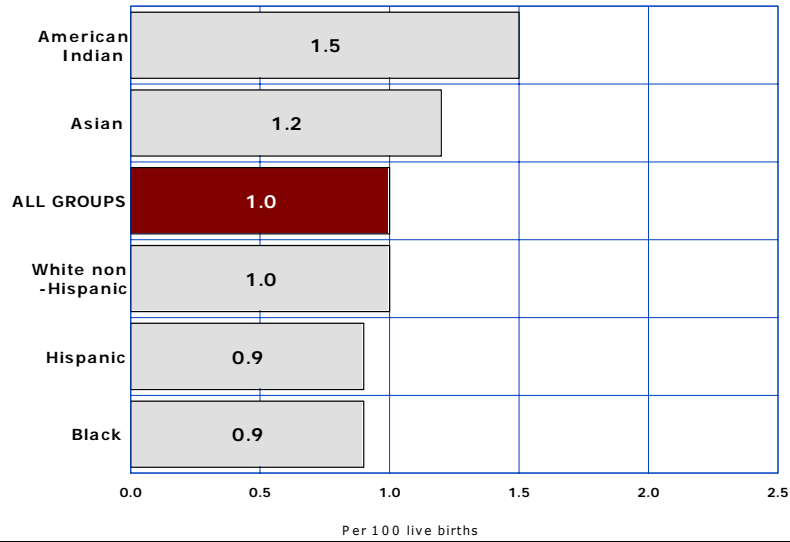


COMPARATIVE RATES FOR 2000 AND 2005

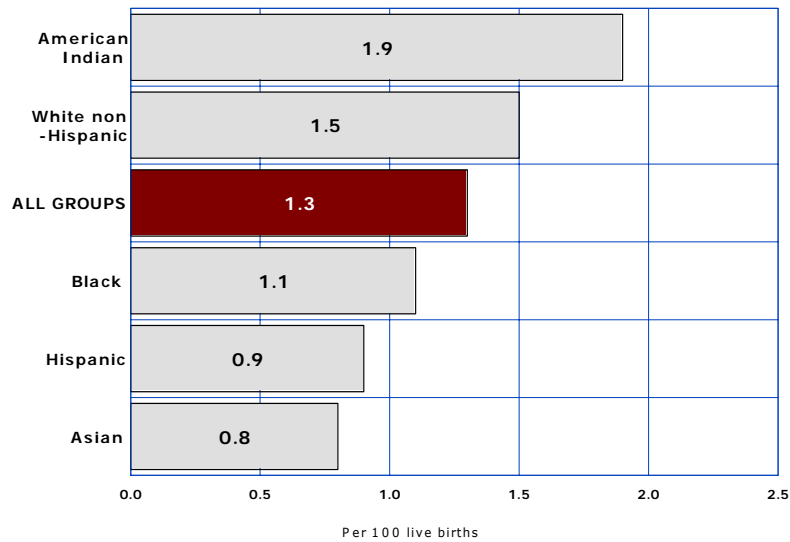
Per 100 births by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	1.2	1.1	1.1	2.6	1.4	1.2
2005	1.2	1.1	1.2	2.5	1.1	1.2
% change from 2000	0.0	0.0	9.1	-3.8	-21.4	0.0

4-6 INCIDENCE OF CONGENITAL ANOMALIES (BIRTH DEFECTS)

2005



2000

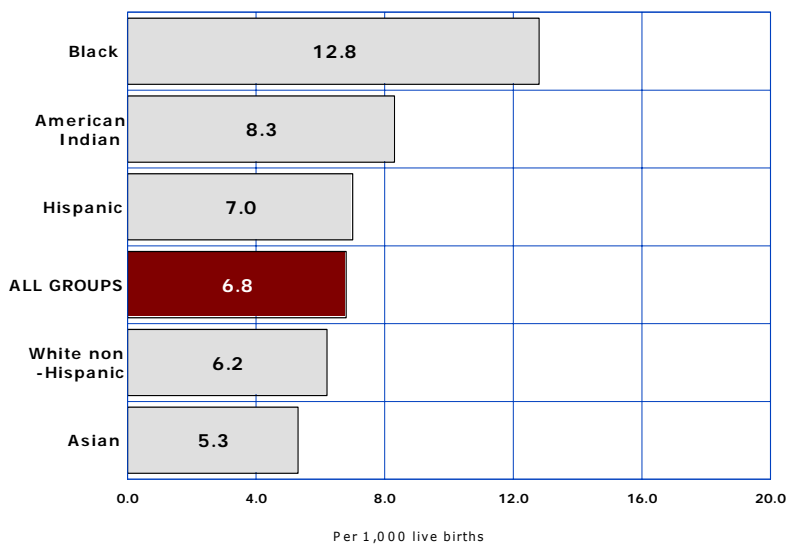


COMPARATIVE RATES FOR 2000 AND 2005

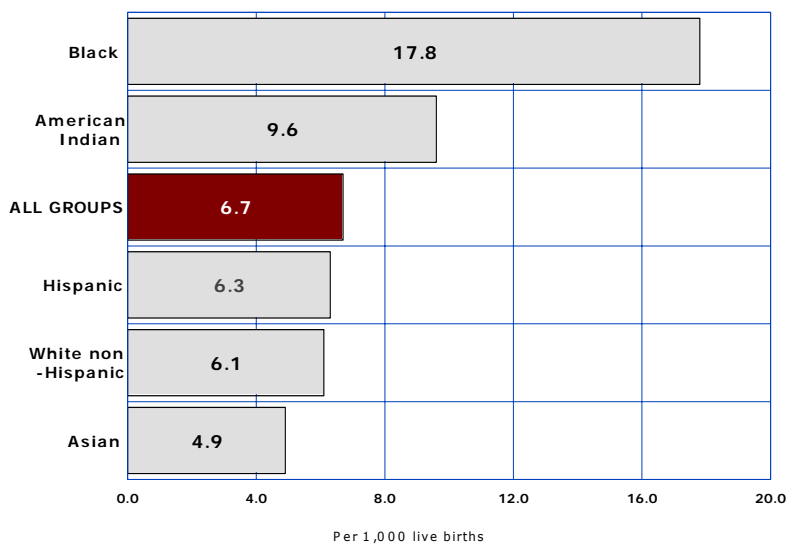
Per 100 births by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	1.3	1.5	0.9	1.1	1.9	0.8
2005	1.0	1.0	0.9	0.9	1.5	1.2
% change from 2000	-23.1	-33.3	0.0	-18.2	-21.1	50.0

4-7 INFANT MORTALITY

2005



2000

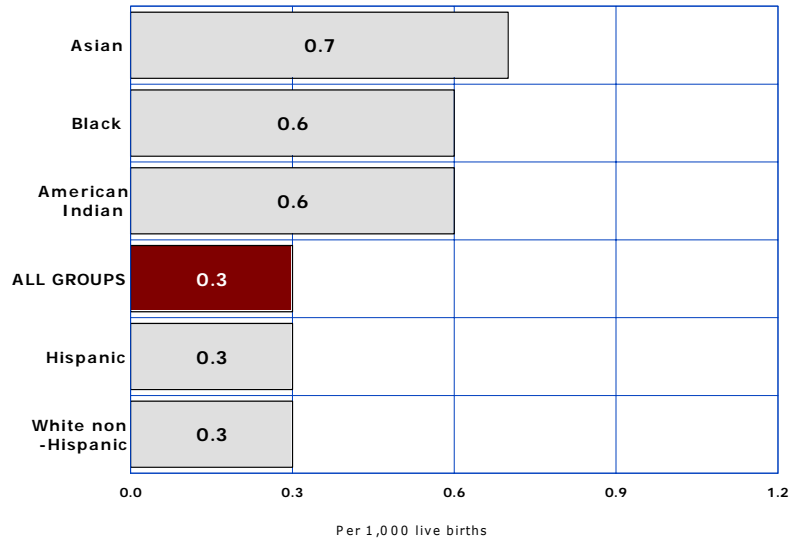


COMPARATIVE RATES FOR 2000 AND 2005

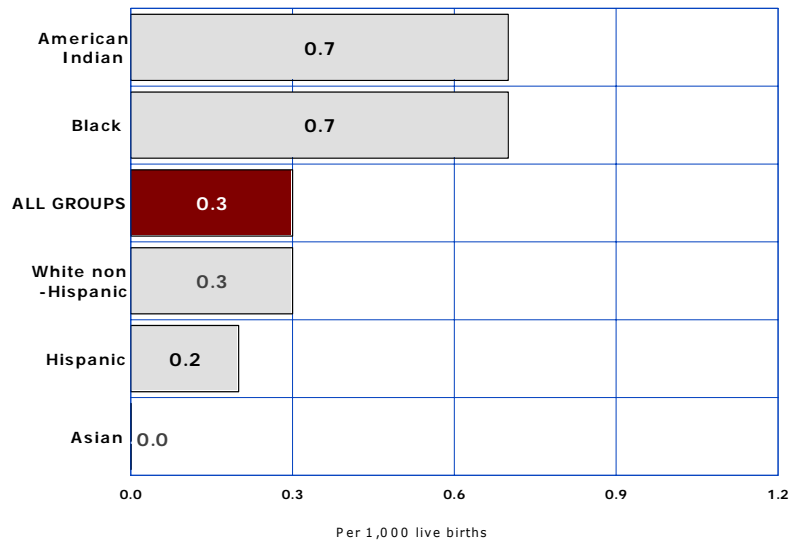
Per 1,000 births by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	6.7	6.1	6.3	17.8	9.6	4.9
2005	6.8	6.2	7.0	12.8	8.3	5.3
% change from 2000	1.5	1.6	11.1	-28.1	-13.5	8.2

4-8 SUDDEN INFANT DEATH SYNDROME (SIDS)

2005



2000



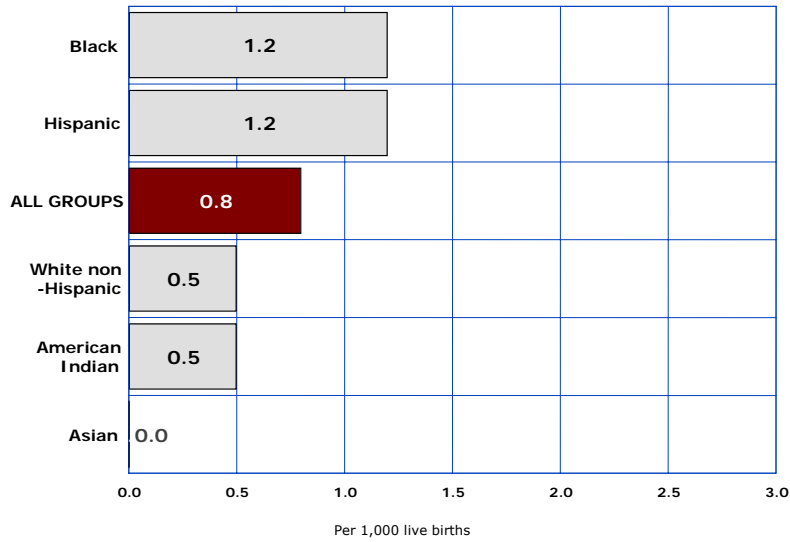
COMPARATIVE RATES FOR 2000 AND 2005

Per 1,000 births by race/ethnicity

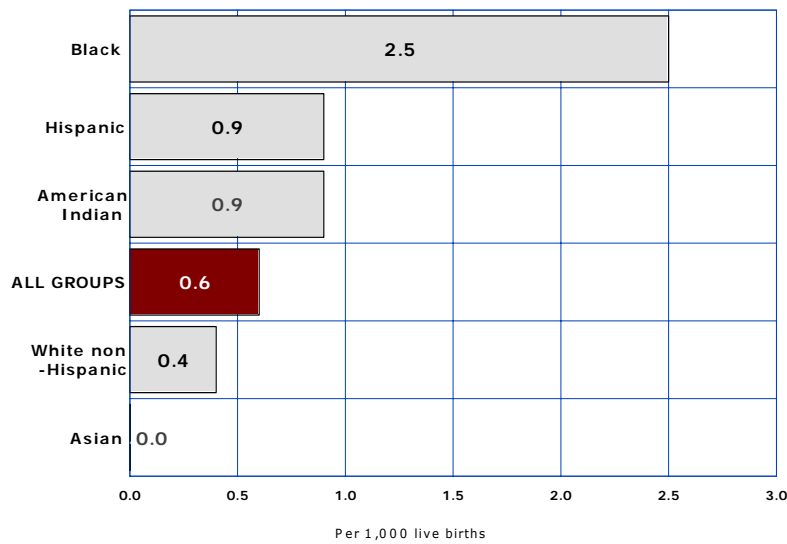
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	0.3	0.3	0.2	0.7	0.7	0.0
2005	0.3	0.3	0.3	0.6	0.6	0.7
% change from 2000	0.0	0.0	50.0	-14.3	-14.3	NA

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

2005



2000

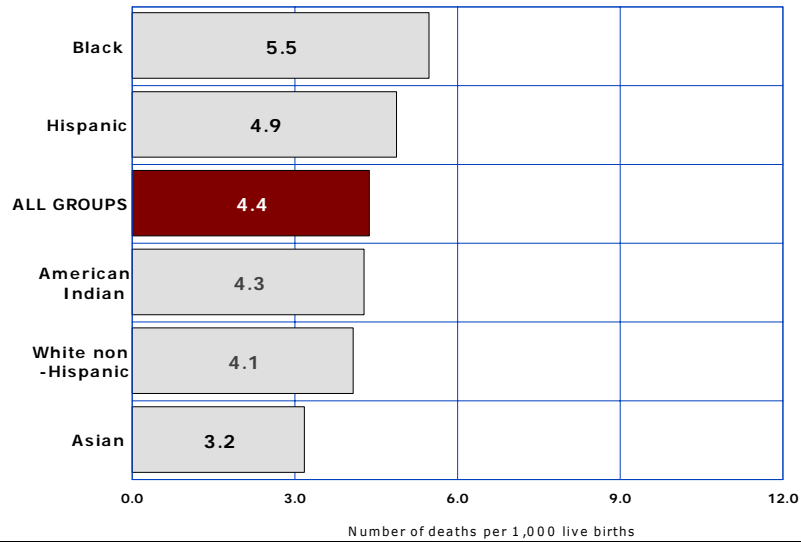


COMPARATIVE RATES FOR 2000 AND 2005

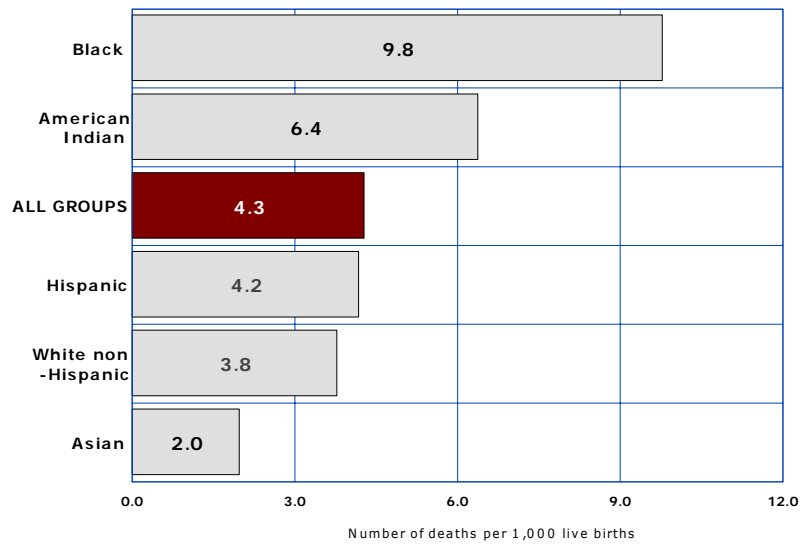
Per 1,000 births by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	0.6	0.4	0.9	2.5	0.9	0.0
2005	0.8	0.5	1.2	1.2	0.5	0.0
% change from 2000	33.3	25.0	33.3	-52.0	-44.4	0.0

4-10 NEONATAL MORTALITY

2005



2000

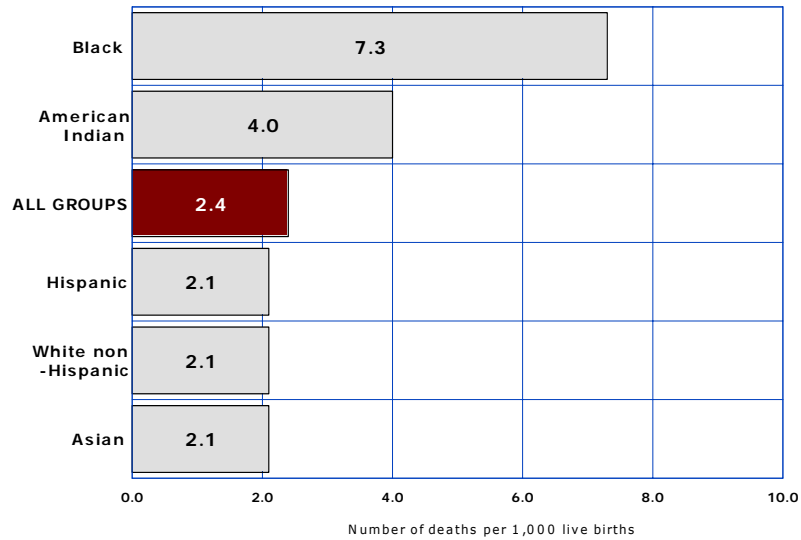


COMPARATIVE RATES FOR 2000 AND 2005

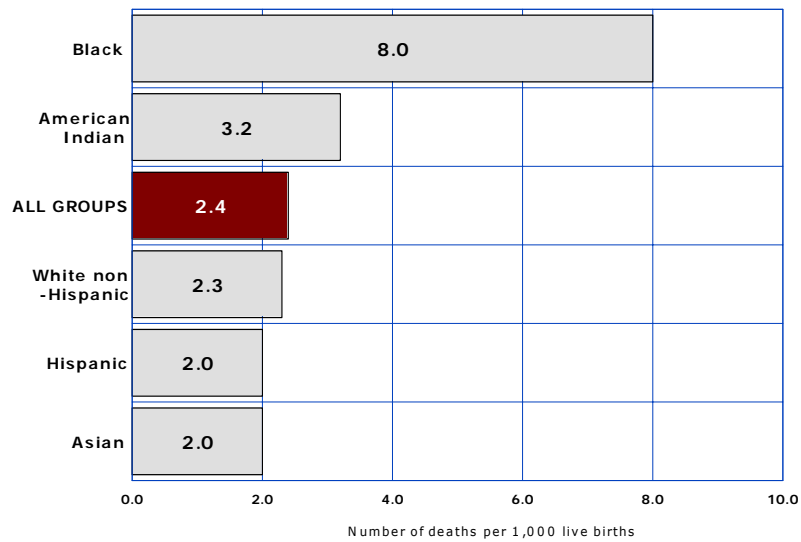
Per 1,000 births by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	4.3	3.8	4.2	9.8	6.4	2.0
2005	4.4	4.1	4.9	5.5	4.3	3.2
% change from 2000	2.3	7.9	16.7	-43.8	-32.8	60.0

4-11 POSTNEONATAL MORTALITY

2005



2000



COMPARATIVE RATES FOR 2000 AND 2005

Per 1,000 births by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	2.4	2.3	2.0	8.0	3.2	2.0
2005	2.4	2.1	2.1	7.3	4.0	2.1
% change from 2000	0.0	-8.7	5.0	-8.8	25.0	5.0

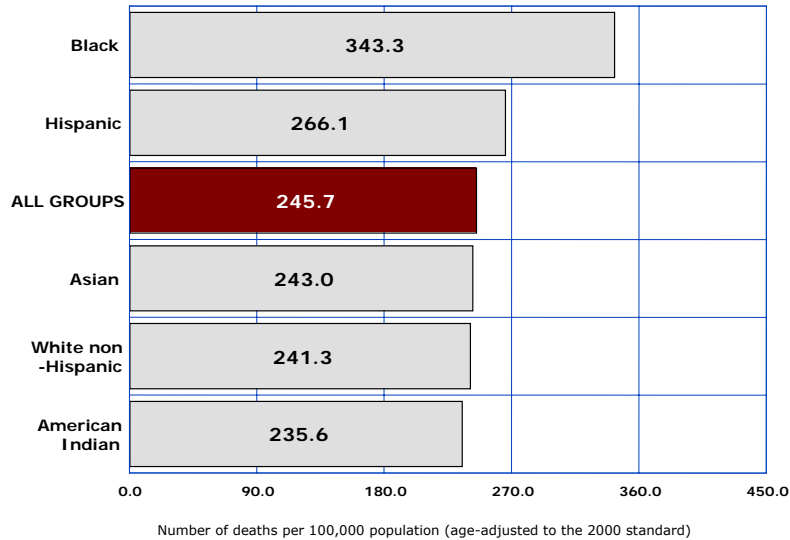
5

Mortality from Natural Causes

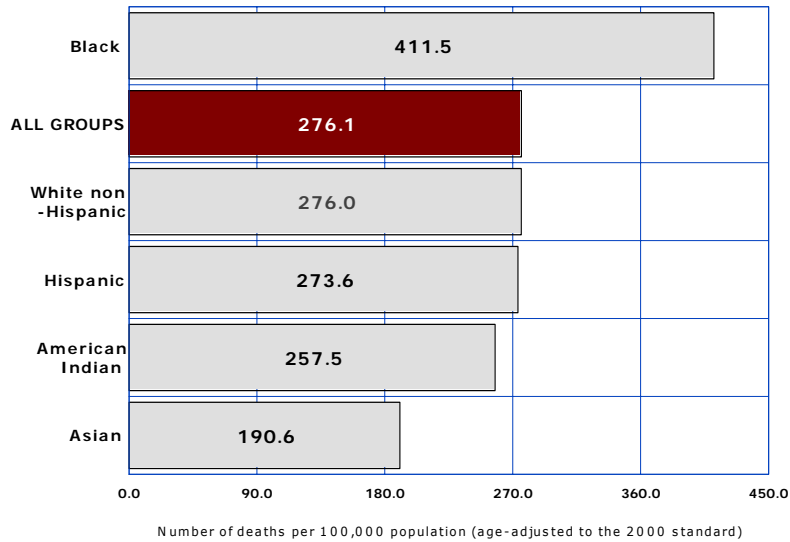
- 5-1 Cardiovascular Disease
- 5-2 Diseases of the Heart
- 5-3 Coronary Heart Disease
- 5-4 Cerebrovascular Disease
- 5-5 Chronic Lower Respiratory Disease
- 5-6 Malignant Neoplasms
- 5-7 Lung Cancer
- 5-8 Breast Cancer
- 5-9 Cervical Cancer
- 5-10 Colorectal Cancer
- 5-11 Prostate Cancer
- 5-12 Influenza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

5-1 CARDIOVASCULAR DISEASE

2005



2000



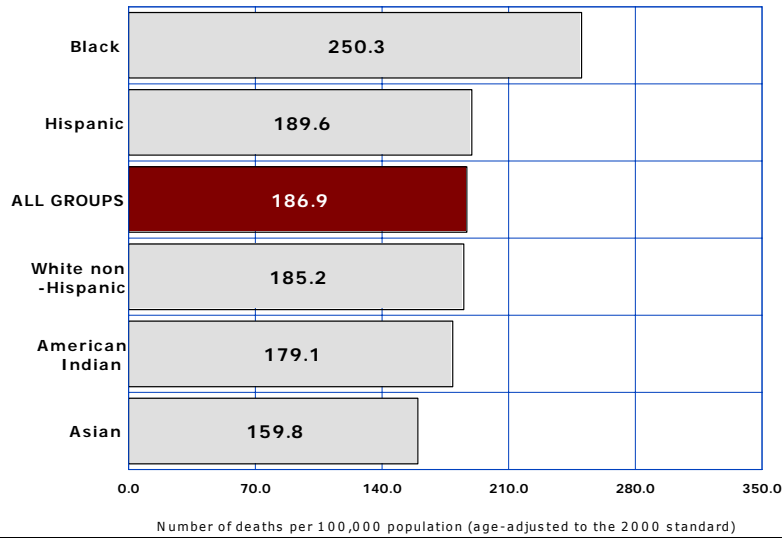
COMPARATIVE RATES FOR 2000 AND 2005

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

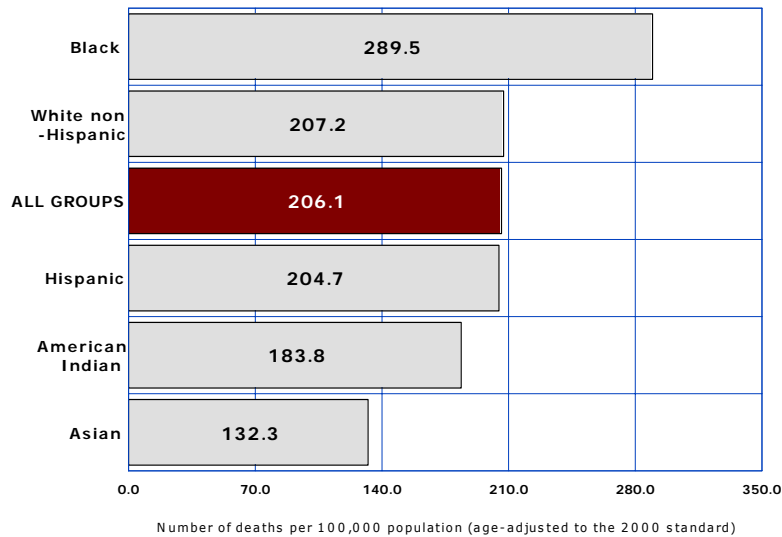
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	276.1	276.0	273.6	411.5	257.5	190.6
2005	245.7	241.3	266.1	343.3	235.6	243.0
% change from 2000	-11.0	-12.6	-2.7	-16.6	-8.5	27.5

5-2 DISEASES OF THE HEART

2005



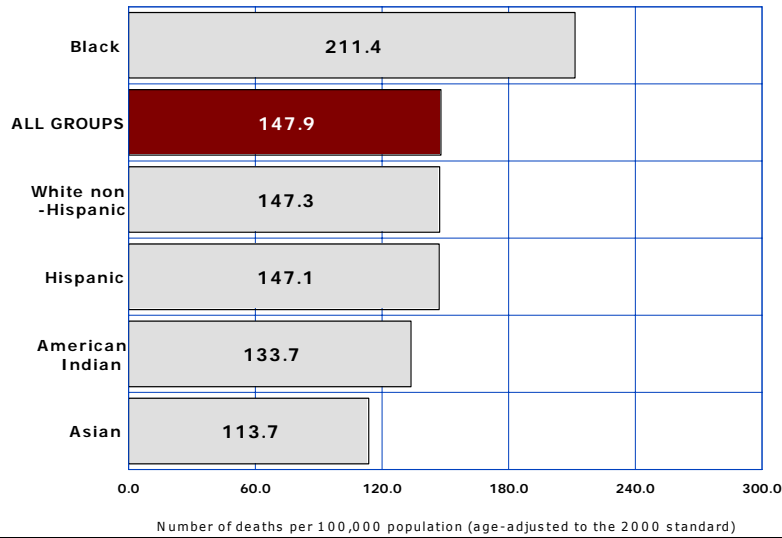
2000



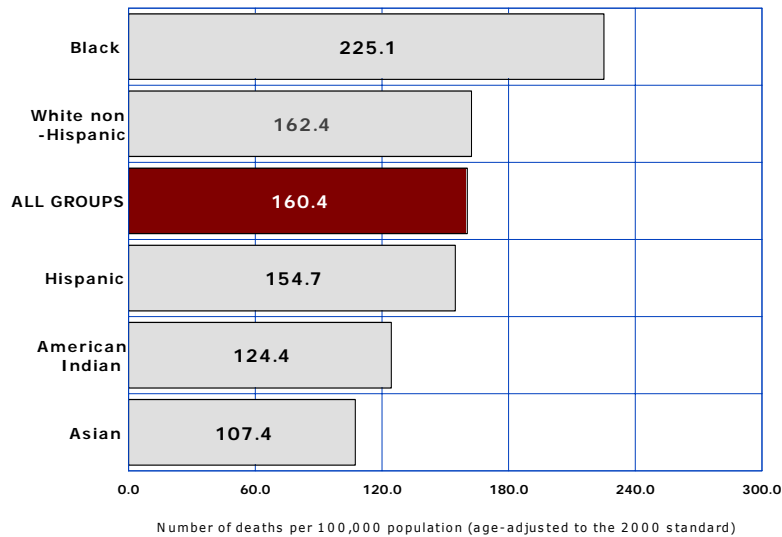
COMPARATIVE RATES FOR 2000 AND 2005						
Number of deaths per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	206.1	207.2	204.7	289.5	183.8	132.3
2005	186.9	185.2	189.6	250.3	179.1	159.8
% change from 2000	-9.3	-10.6	-7.4	-13.5	-2.6	20.8

5-3 CORONARY HEART DISEASE

2005



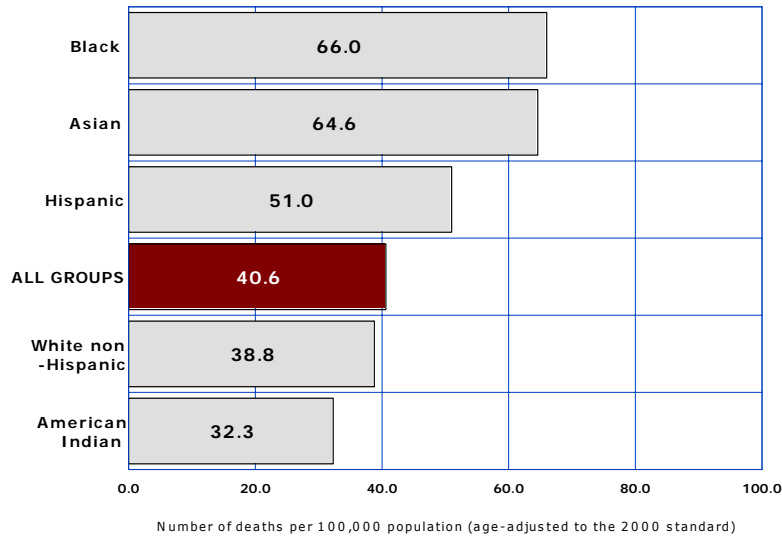
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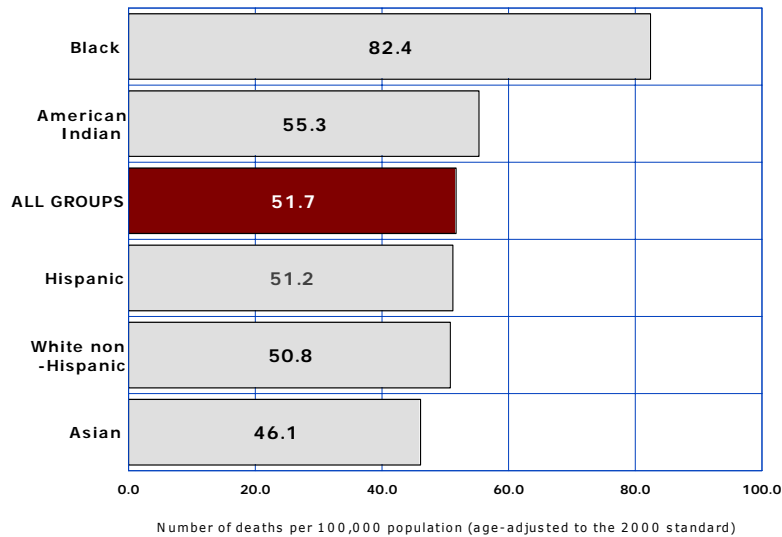
COMPARATIVE RATES FOR 2000 AND 2005						
Number of deaths per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	160.4	162.4	154.7	225.1	124.4	107.4
2005	147.9	147.3	147.1	211.4	133.7	113.7
% change from 2000	-7.8	-9.3	-4.9	-6.1	7.5	5.9

5-4 CEREBROVASCULAR DISEASE

2005



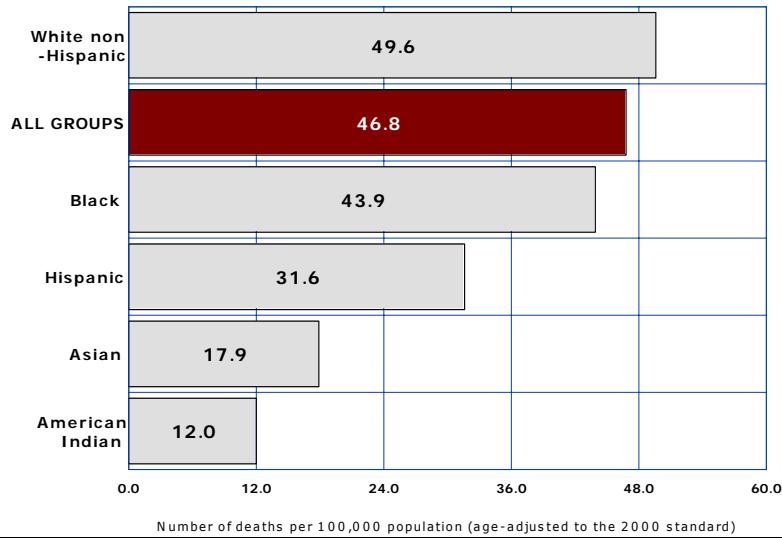
2000



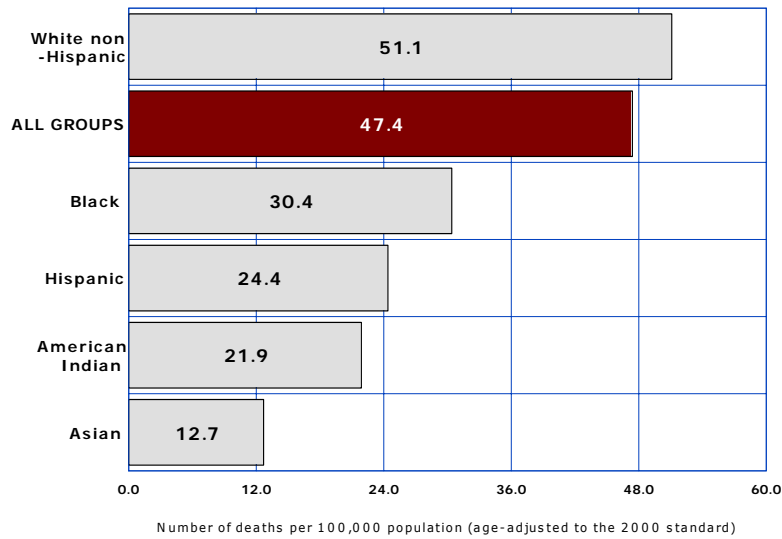
COMPARATIVE RATES FOR 2000 AND 2005						
Number of deaths per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	51.7	50.8	51.2	82.4	55.3	46.1
2005	40.6	38.8	51.0	66.0	32.3	64.6
% change from 2000	-21.5	-23.6	-0.4	-19.9	-41.6	40.1

5-5 CHRONIC LOWER RESPIRATORY DISEASE

2005



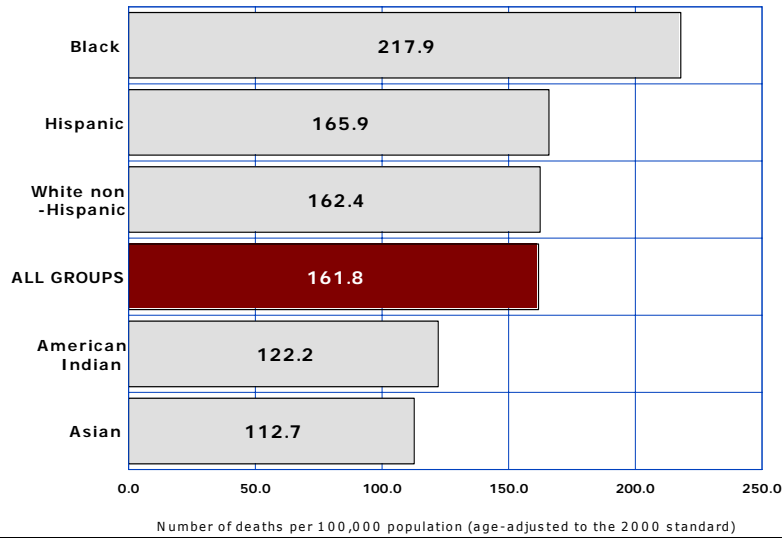
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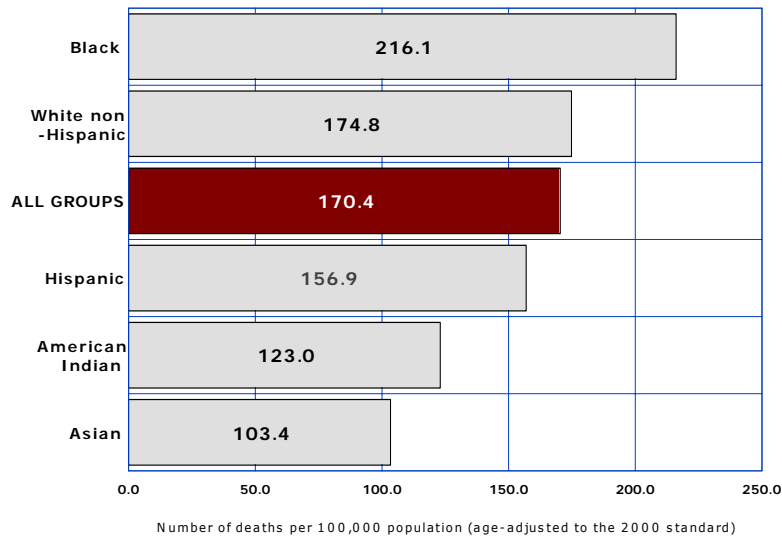
COMPARATIVE RATES FOR 2000 AND 2005						
Number of deaths per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	47.4	51.1	24.4	30.4	21.9	12.7
2005	46.8	49.6	31.6	43.9	12.0	17.9
% change from 2000	-1.3	-2.9	29.5	44.4	-45.2	40.9

5-6 MALIGNANT NEOPLASM (CANCER)

2005



2000

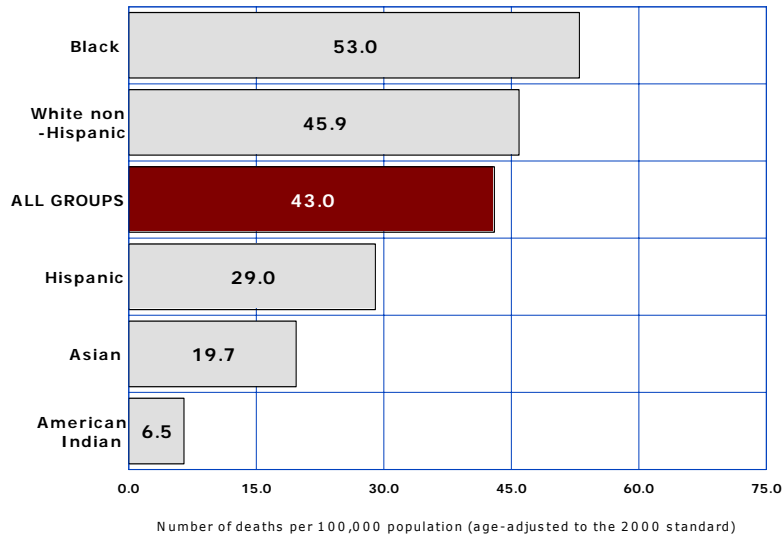


COMPARATIVE RATES FOR 2000 AND 2005

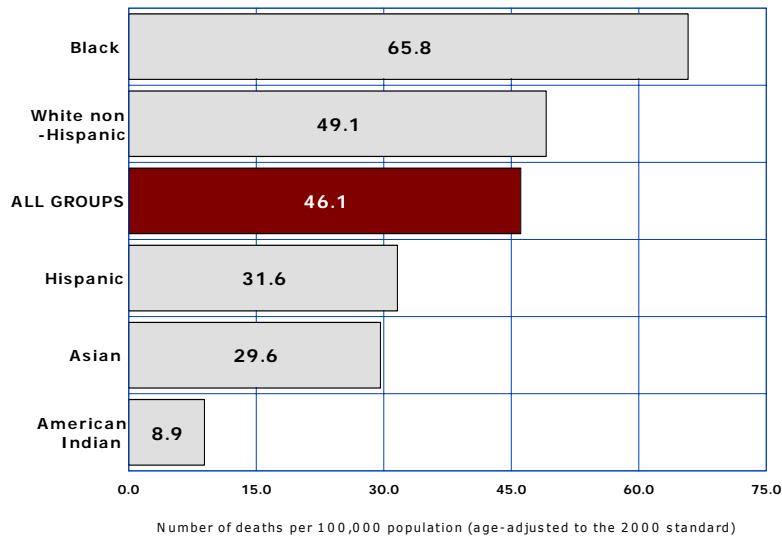
Number of deaths per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	170.4	174.8	156.9	216.1	123.0	103.4
2005	161.8	162.4	165.9	217.9	122.2	112.7
% change from 2000	-5.0	-7.1	5.7	0.8	-0.8	9.0

5-7 LUNG CANCER

2005



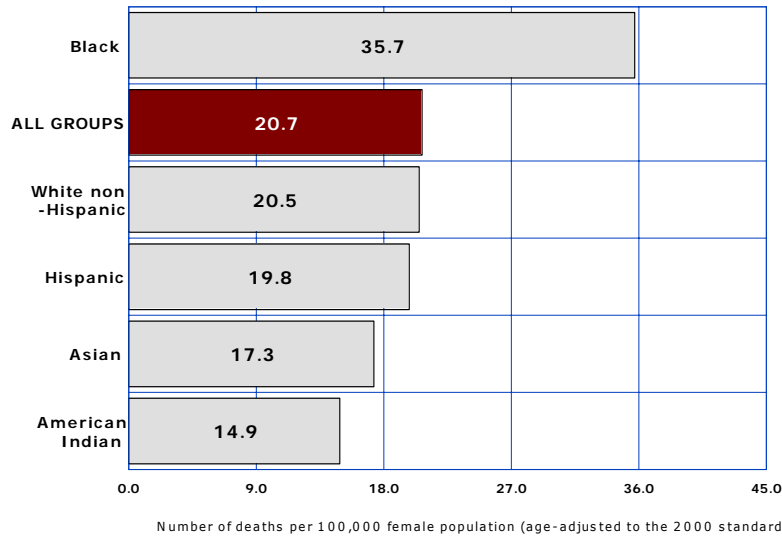
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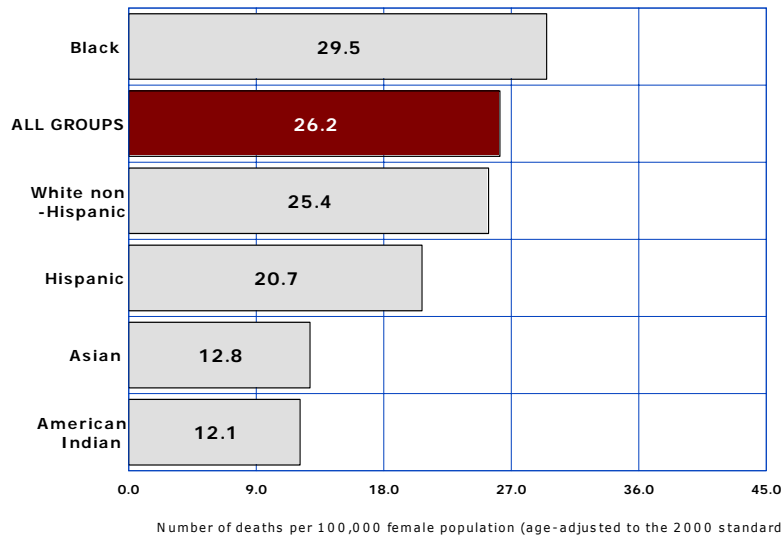
COMPARATIVE RATES FOR 2000 AND 2005						
Number of deaths per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	46.1	49.1	31.6	65.8	8.9	29.6
2005	43.0	45.9	29.0	53.0	6.5	19.7
% change from 2000	-6.7	-6.5	-8.2	-19.5	-27.0	-33.4

5-8 BREAST CANCER

2005



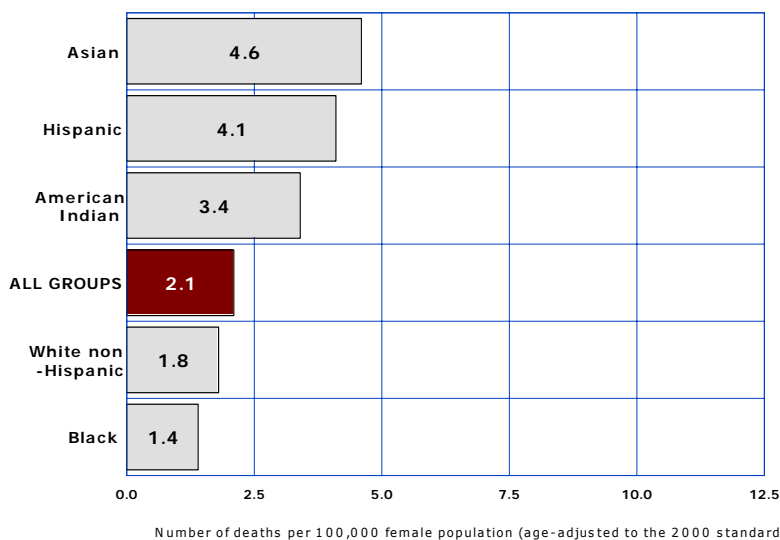
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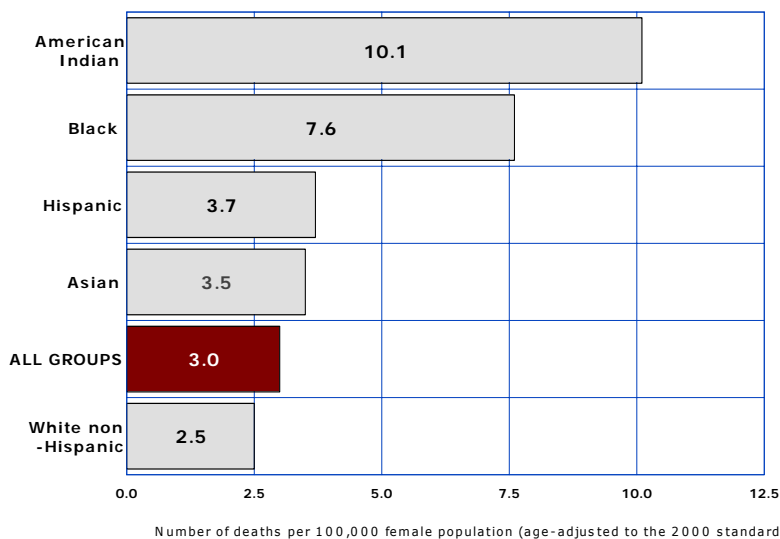
COMPARATIVE RATES FOR 2000 AND 2005						
Number of deaths per 100,000 females by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	25.4	26.2	20.7	29.5	12.1	12.8
2005	20.7	20.5	19.8	35.7	14.9	17.3
% change from 2000	-18.5	-21.8	-4.3	21.0	23.1	35.2

5-9 CERVICAL CANCER

2005



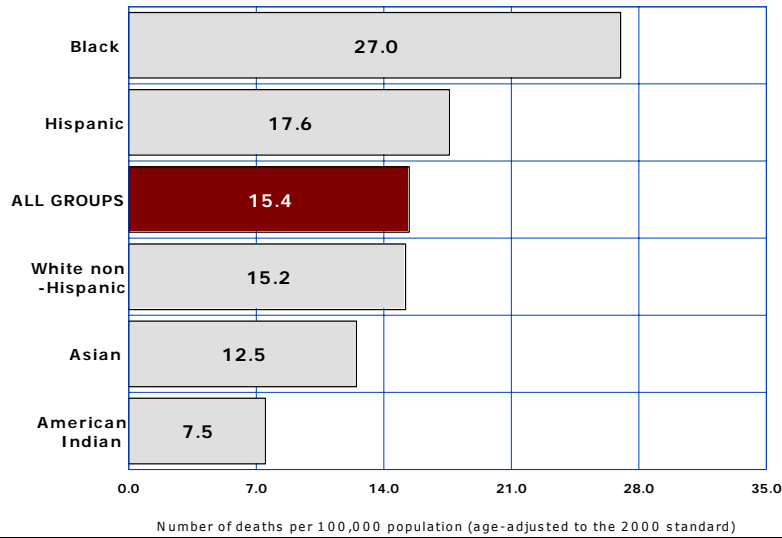
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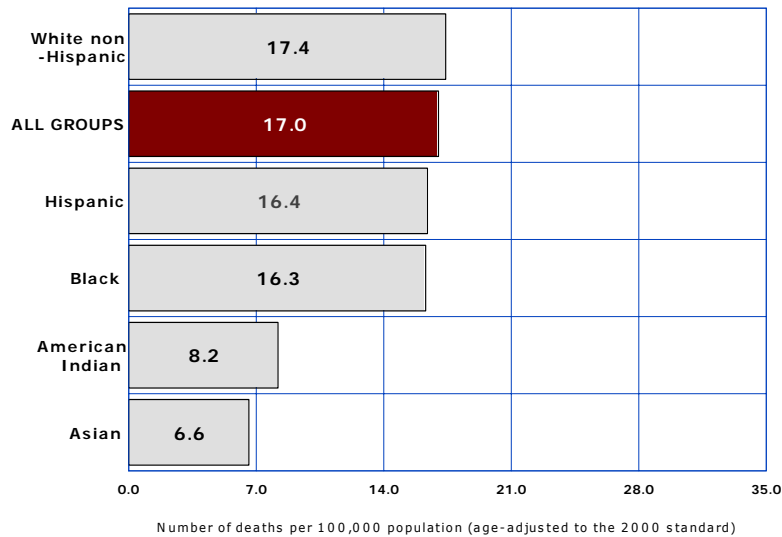
COMPARATIVE RATES FOR 2000 AND 2005						
Number of deaths per 100,000 females by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	3.0	2.5	3.7	7.6	10.1	3.5
2005	2.1	1.8	4.1	1.4	3.4	4.6
% change from 2000	-30.0	-28.0	10.8	-81.6	-66.3	31.4

5-10 COLORECTAL CANCER

2005



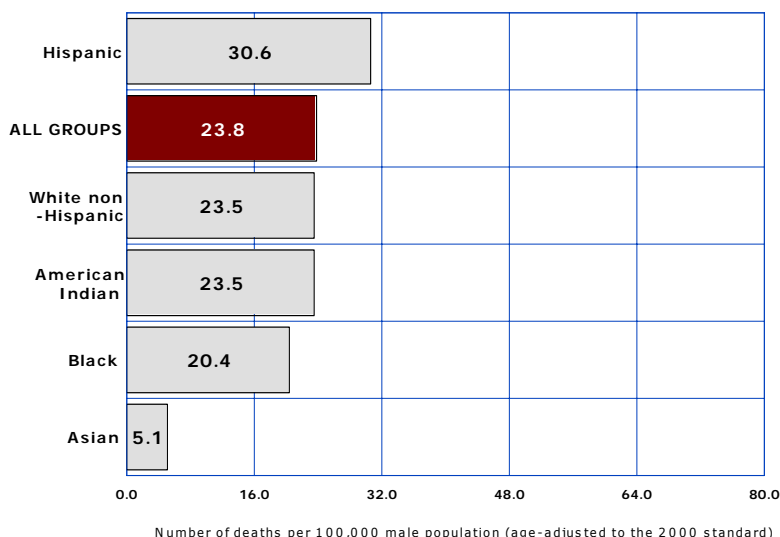
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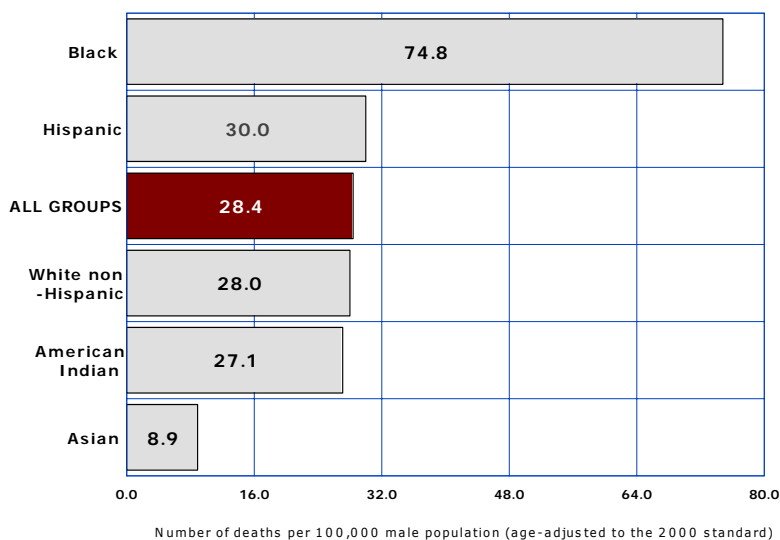
COMPARATIVE RATES FOR 2000 AND 2005						
Number of deaths per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	17.0	17.4	16.4	16.3	8.2	6.6
2005	15.4	15.2	17.6	27.0	7.5	12.5
% change from 2000	-9.4	-12.6	7.3	65.6	-8.5	89.4

5-11 PROSTATE CANCER

2005



2000



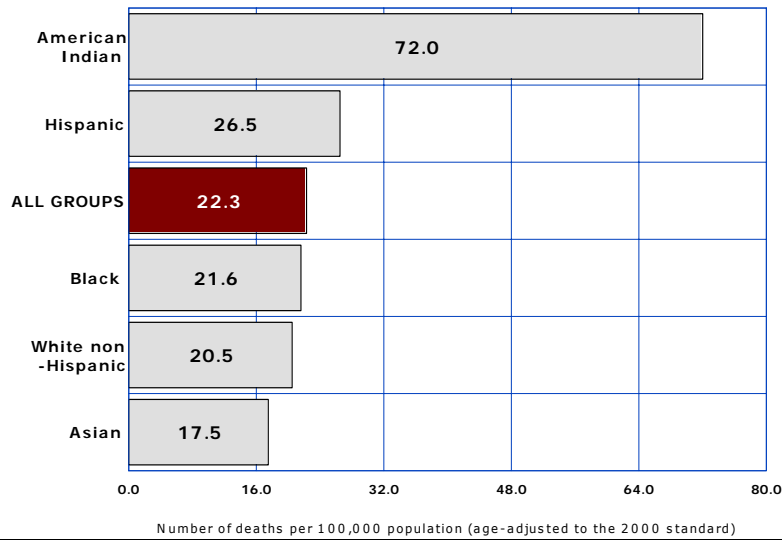
COMPARATIVE RATES FOR 2000 AND 2005

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

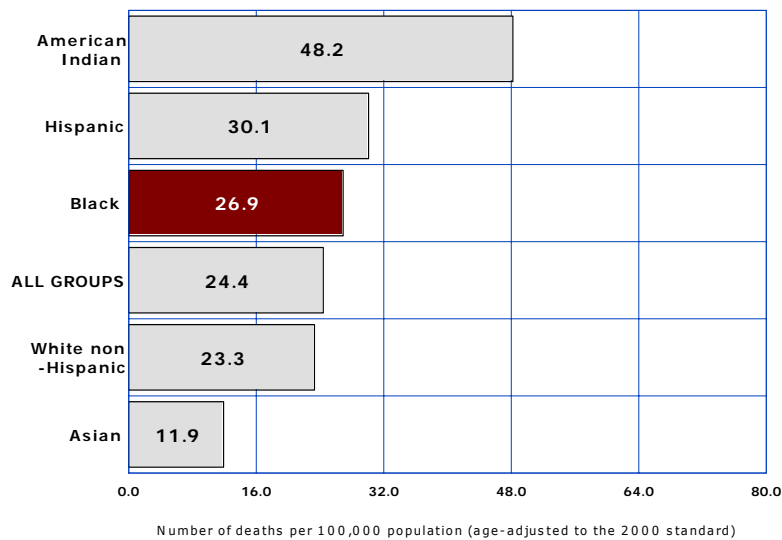
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	28.4	28.0	30.0	74.8	27.1	8.9
2005	23.8	23.5	30.6	20.4	23.5	5.1
% change from 2000	-16.2	-16.1	2.0	-72.7	-13.3	-42.7

5-12 INFLUENZA AND PNEUMONIA

2005



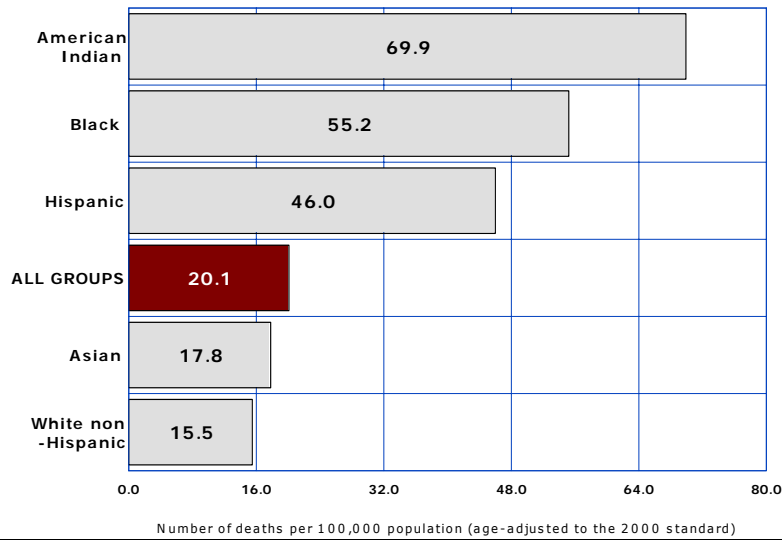
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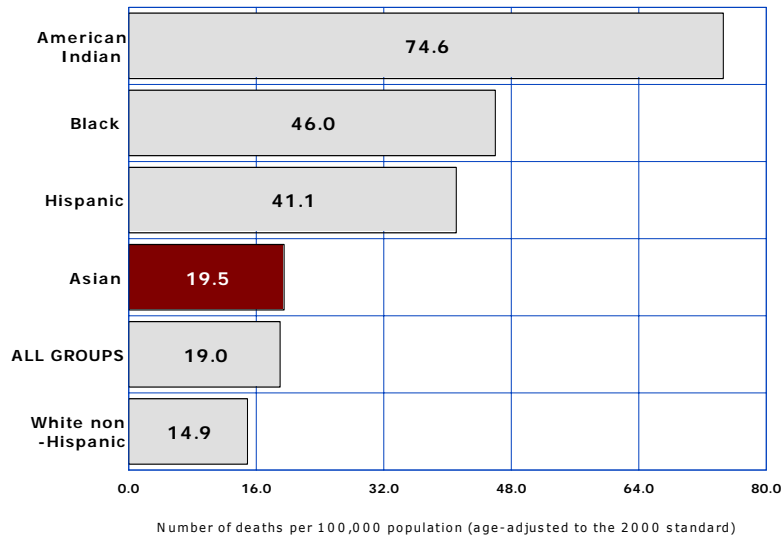
COMPARATIVE RATES FOR 2000 AND 2005						
Number of deaths per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	24.4	23.3	30.1	26.9	48.2	11.9
2005	22.3	20.5	26.5	21.6	72.0	17.5
% change from 2000	-8.6	-12.0	-12.0	-19.7	49.4	47.1

5-13 DIABETES

2005



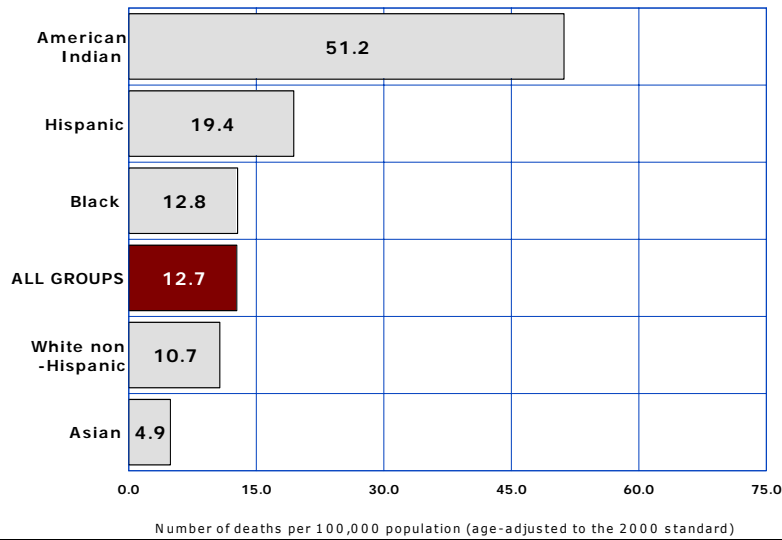
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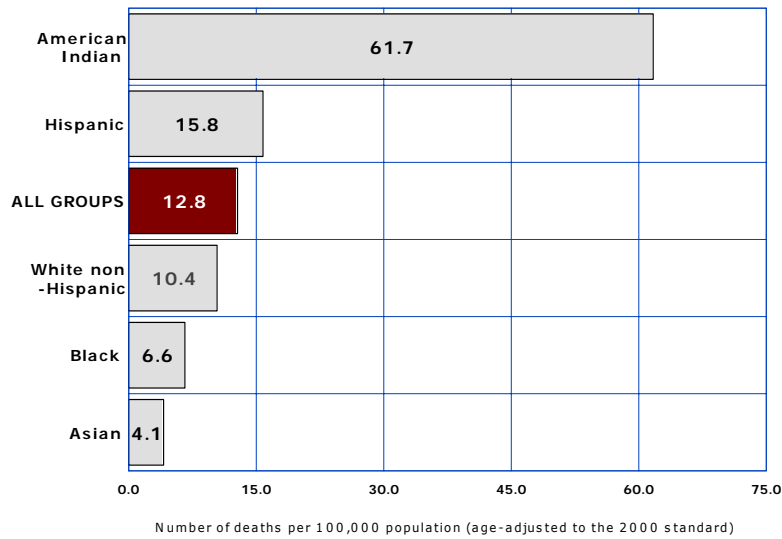
COMPARATIVE RATES FOR 2000 AND 2005						
Number of deaths per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	19.0	14.9	41.1	46.0	74.6	19.5
2005	20.1	15.5	46.0	55.2	69.9	17.8
% change from 2000	5.8	4.0	11.9	20.0	-6.3	-8.7

5-14 CHRONIC LIVER DISEASE AND CIRRHOSIS

2005



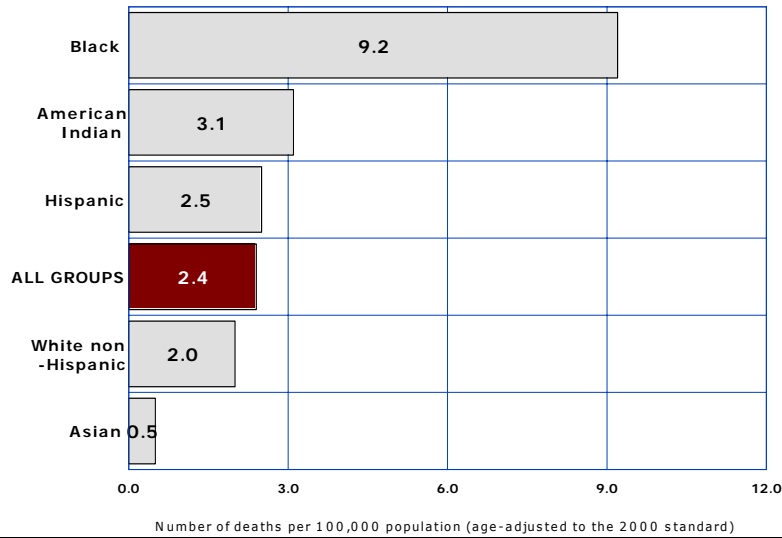
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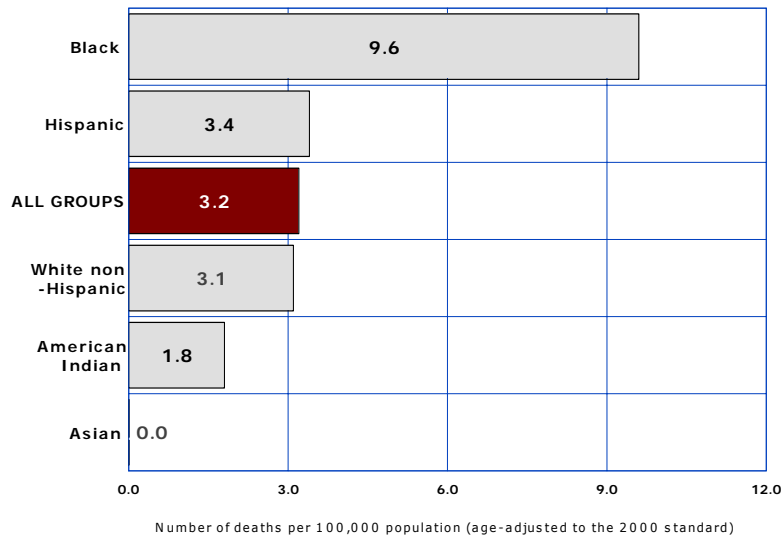
COMPARATIVE RATES FOR 2000 AND 2005						
Number of deaths per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	12.8	10.4	15.8	6.6	61.7	4.1
2005	12.7	10.7	19.4	12.8	51.2	4.9
% change from 2000	-0.8	2.9	22.8	93.9	-17.0	19.5

5-15 HIV DISEASE

2005



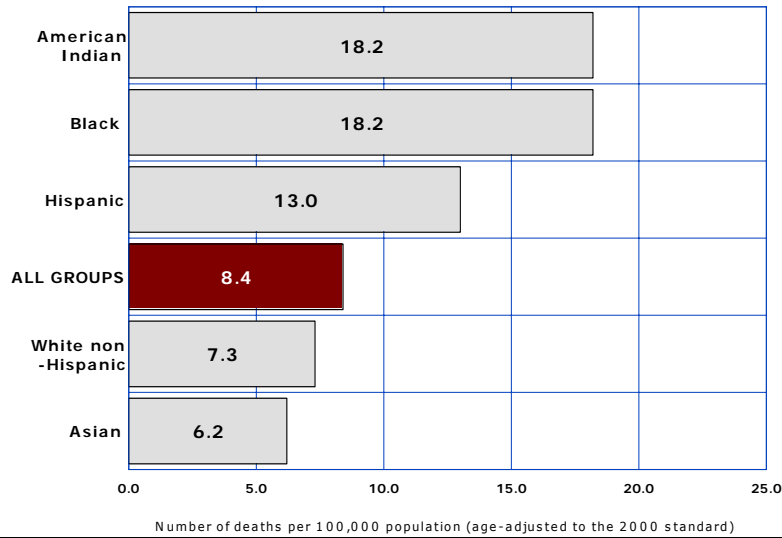
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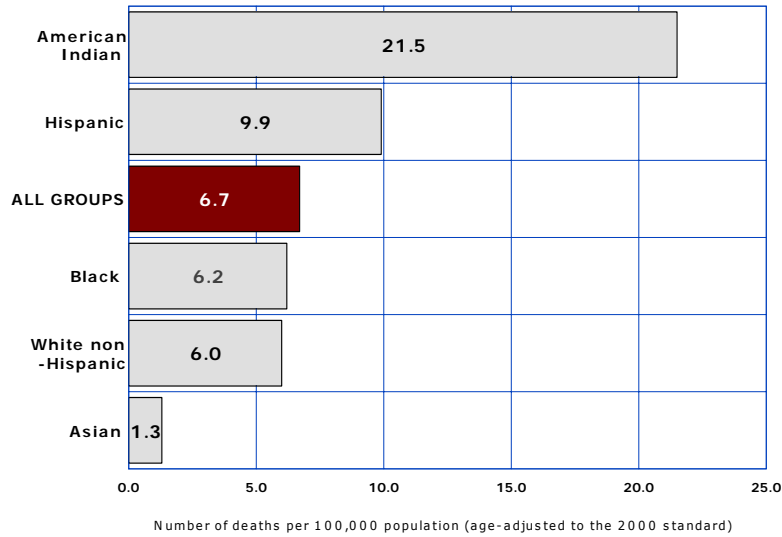
COMPARATIVE RATES FOR 2000 AND 2005						
Number of deaths per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	3.2	3.1	3.4	9.6	1.8	0.0
2005	2.4	2.0	2.5	9.2	3.1	0.5
% change from 2000	-25.0	-35.5	-26.5	-4.2	72.2	NA

5-16 SEPTICEMIA

2005



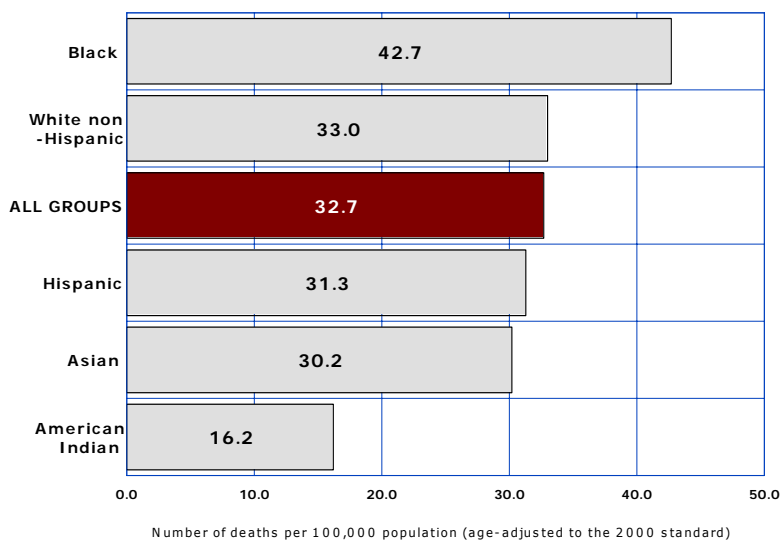
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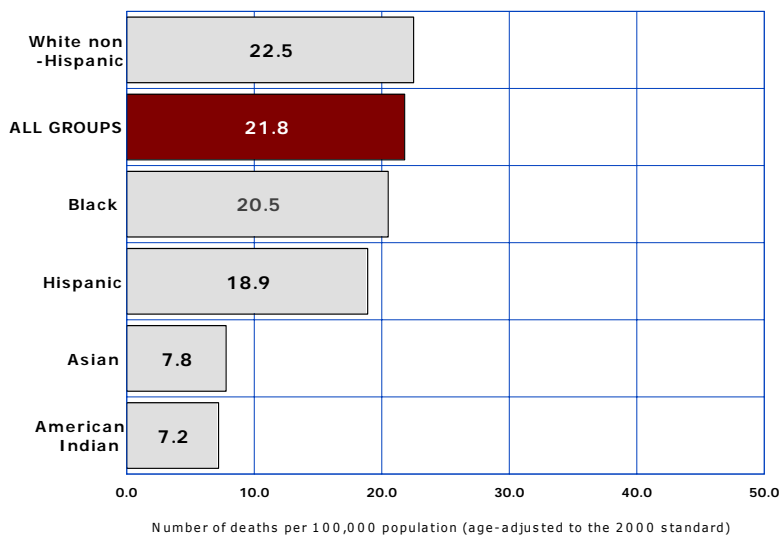
COMPARATIVE RATES FOR 2000 AND 2005						
Number of deaths per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	6.7	6.0	9.9	6.2	21.5	1.3
2005	8.4	7.3	13.0	18.2	18.2	6.2
% change from 2000	25.3	21.7	31.3	193.5	-15.3	376.9

5-17 ALZHEIMER'S DISEASE

2005



2000



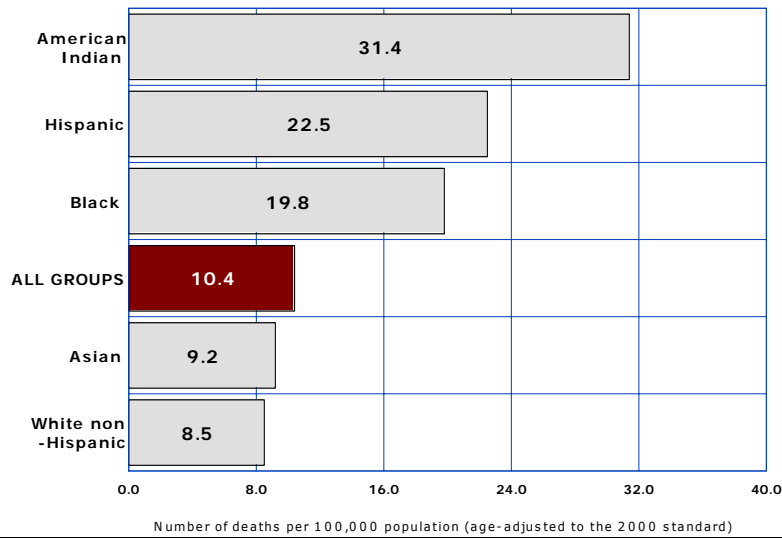
COMPARATIVE RATES FOR 2000 AND 2005

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

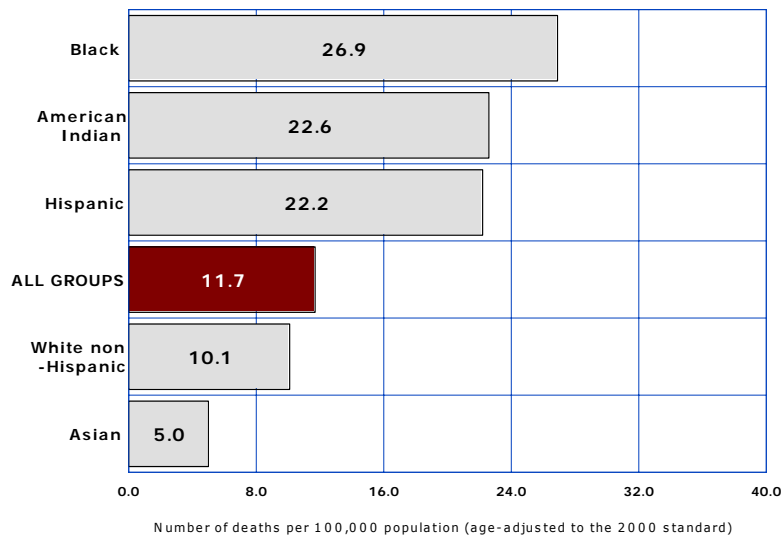
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	21.8	22.5	18.9	20.5	7.2	7.8
2005	32.7	33.0	31.3	42.7	16.2	30.2
% change from 2000	50.0	46.7	65.6	108.3	125.0	287.2

5-18 NEPHRITIS, NEPHROTIC SYNDROME AND NEPHROSIS

2005



2000



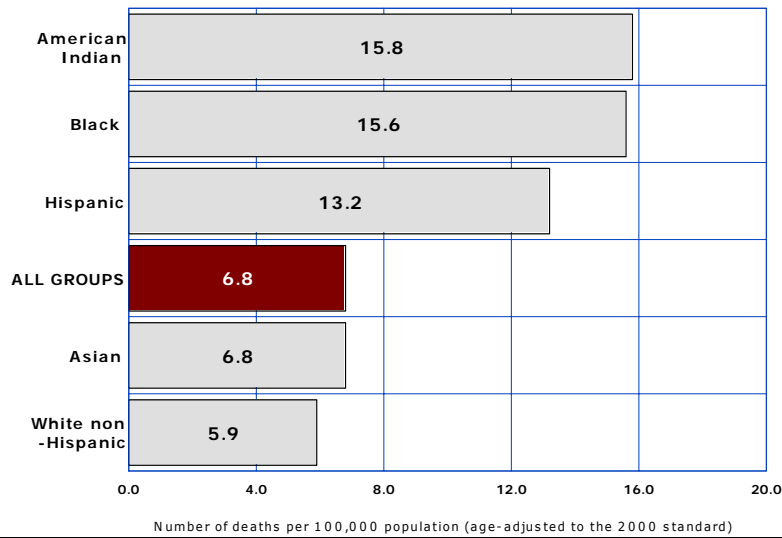
COMPARATIVE RATES FOR 2000 AND 2005

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

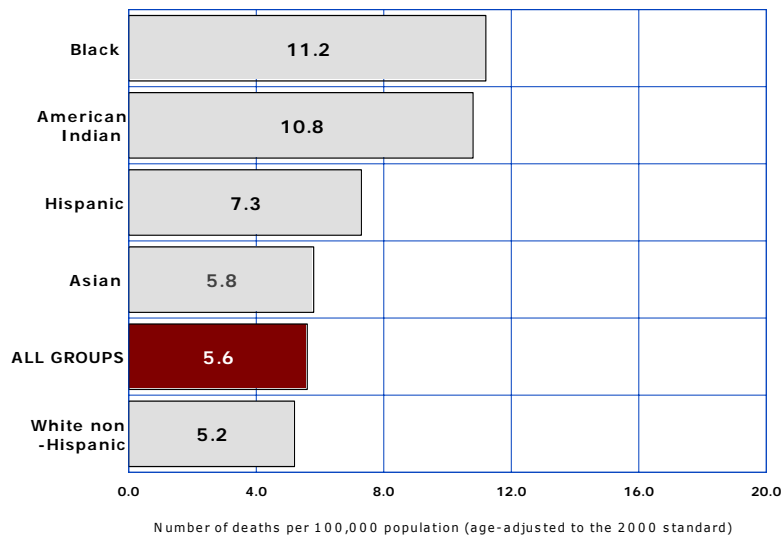
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	11.7	10.1	22.1	26.9	22.6	5.0
2005	10.4	8.5	22.5	19.8	31.4	9.2
% change from 2000	-11.1	-15.8	1.8	-26.4	38.9	84.0

5-19 ESSENTIAL (PRIMARY) HYPERTENSION

2005



2000



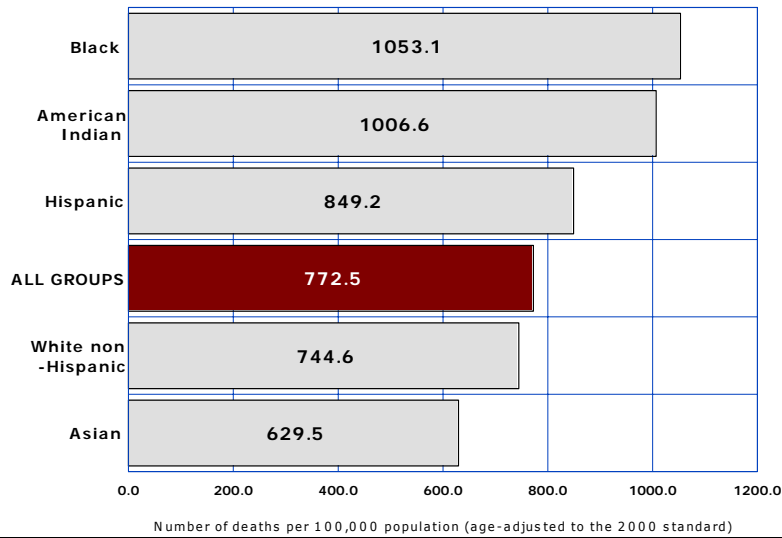
COMPARATIVE RATES FOR 2000 AND 2005

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

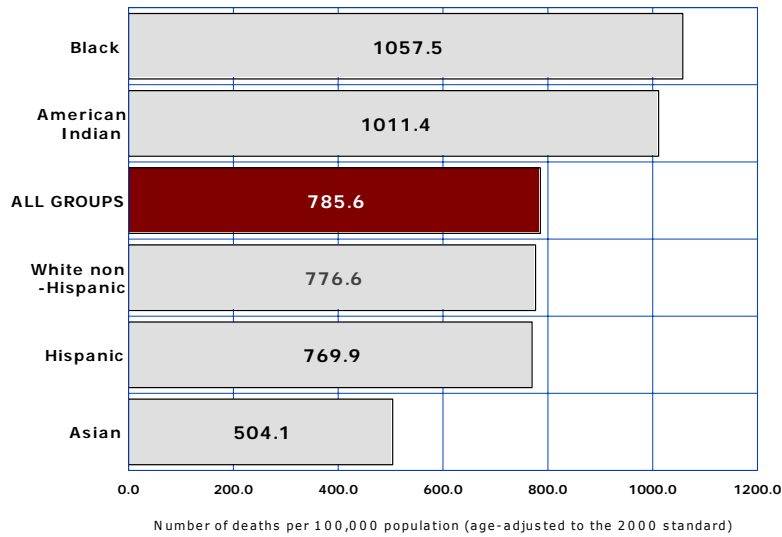
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	5.6	5.2	7.3	11.2	10.8	5.8
2005	6.8	5.9	13.2	15.6	15.8	6.8
% change from 2000	21.4	13.5	80.8	39.3	46.3	17.2

5-20 TOTAL MORTALITY FROM ALL CAUSES

2005



2000



COMPARATIVE RATES FOR 2000 AND 2005						
Number of deaths per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	785.6	776.6	769.9	1057.5	1011.4	504.1
2005	772.5	744.6	849.2	1053.1	1006.6	629.5
% change from 2000	-1.7	-4.1	10.3	-0.4	-0.5	24.9

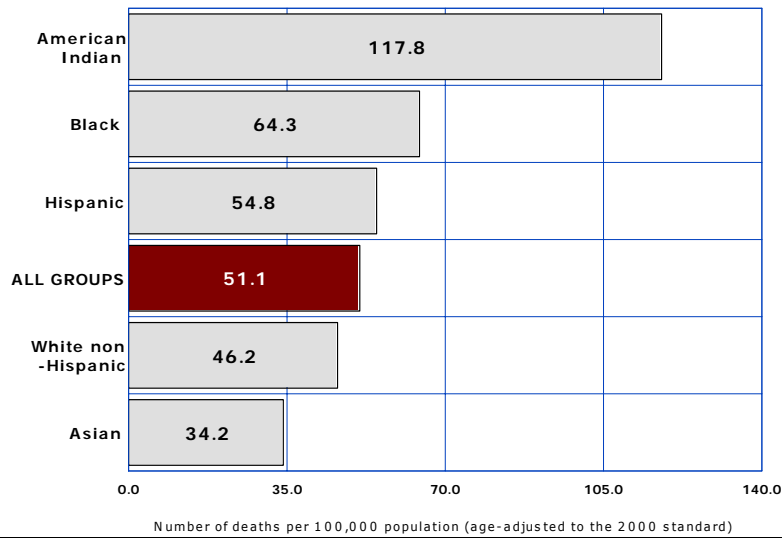
6

Mortality from Injuries

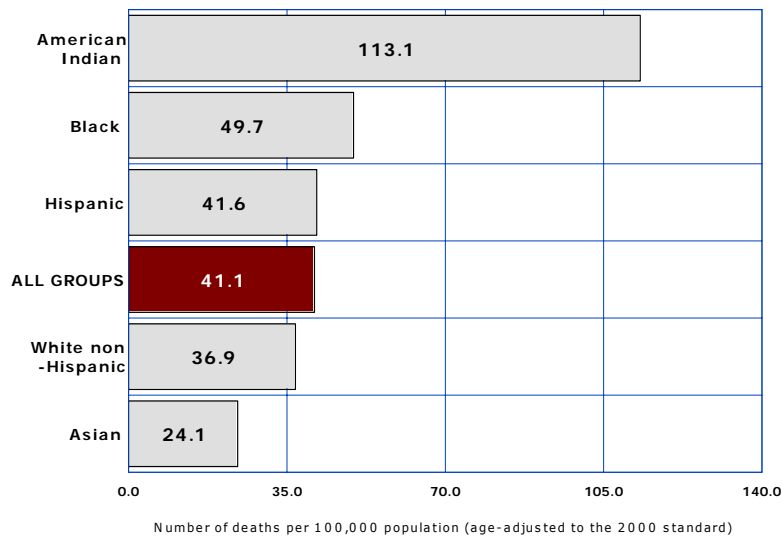
- 6-1 Unintentional Injuries
- 6-2 Motor Vehicle-Related Injuries
- 6-3 Fall-Related Injuries
- 6-4 Drowning
- 6-5 Injury by Firearms
- 6-6 Drug-Induced
- 6-7 Alcohol-Induced
- 6-8 Intentional Self-Harm (suicide)
- 6-9 Assault (homicide)

6-1 UNINTENTIONAL INJURIES

2005



2000



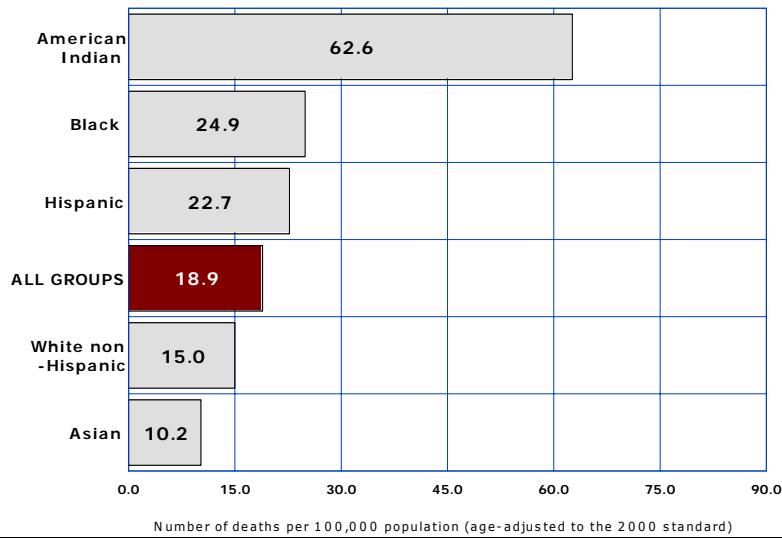
COMPARATIVE RATES FOR 2000 AND 2005

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

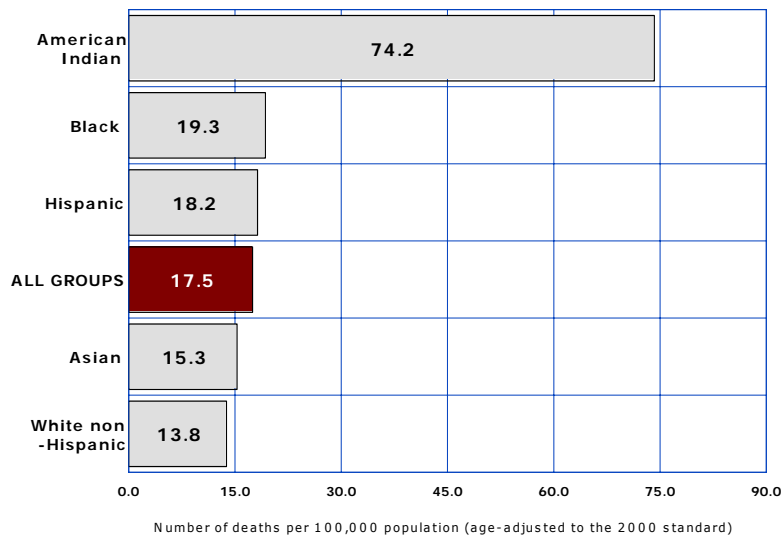
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	41.1	36.9	41.6	49.7	113.1	24.1
2005	51.1	46.2	54.8	64.3	117.8	34.2
% change from 2000	24.3	25.2	31.7	29.4	4.2	41.9

6-2 MOTOR VEHICLE-RELATED INJURIES

2005



2000



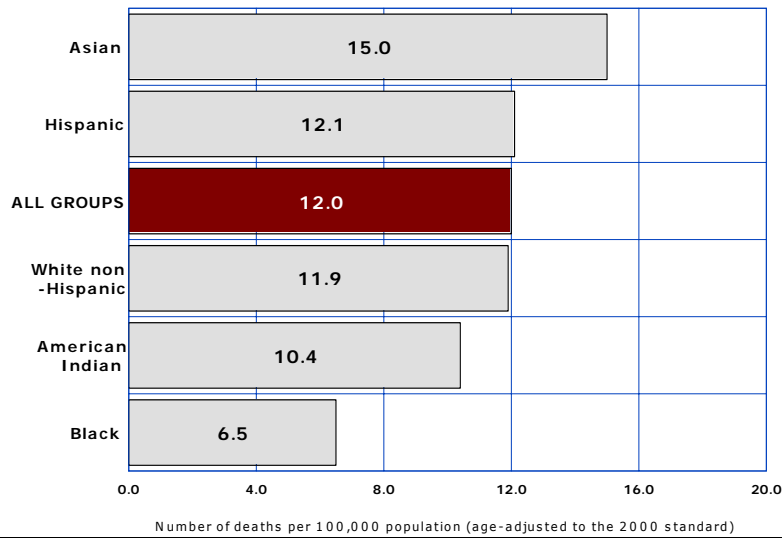
COMPARATIVE RATES FOR 2000 AND 2005

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

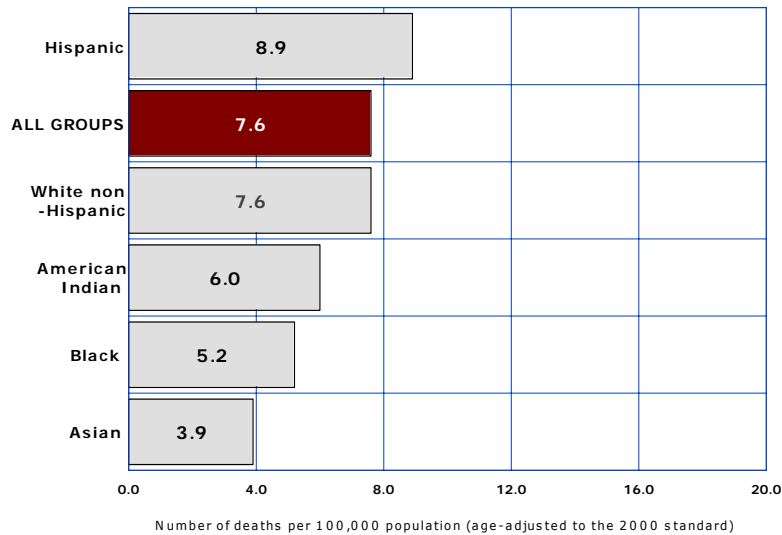
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	17.5	13.8	18.2	19.3	74.2	15.3
2005	18.9	15.0	22.7	24.9	62.6	10.2
% change from 2000	8.0	8.7	24.7	29.0	-15.6	-33.3

6-3 FALL-RELATED INJURIES

2005



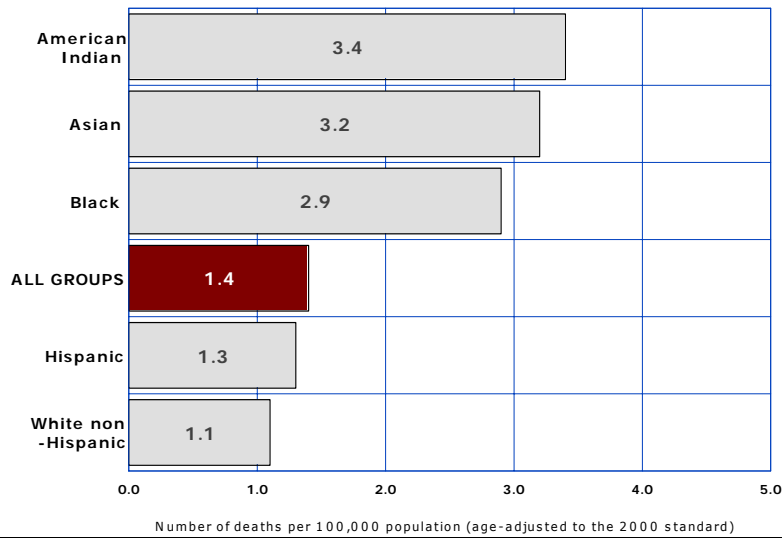
2000



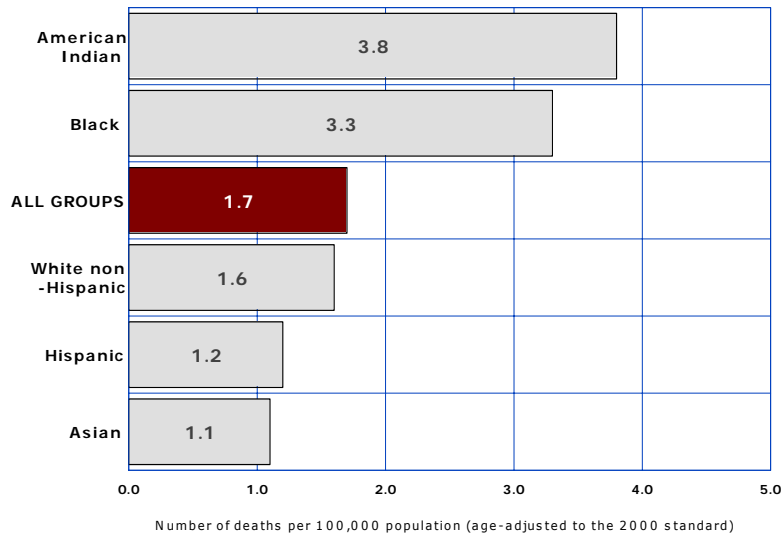
COMPARATIVE RATES FOR 2000 AND 2005						
Number of deaths per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	7.6	7.6	8.9	5.2	6.0	3.9
2005	12.0	11.9	12.1	6.5	10.4	15.0
% change from 2000	57.9	56.6	36.0	25.0	73.3	284.6

6-4 DROWNING

2005



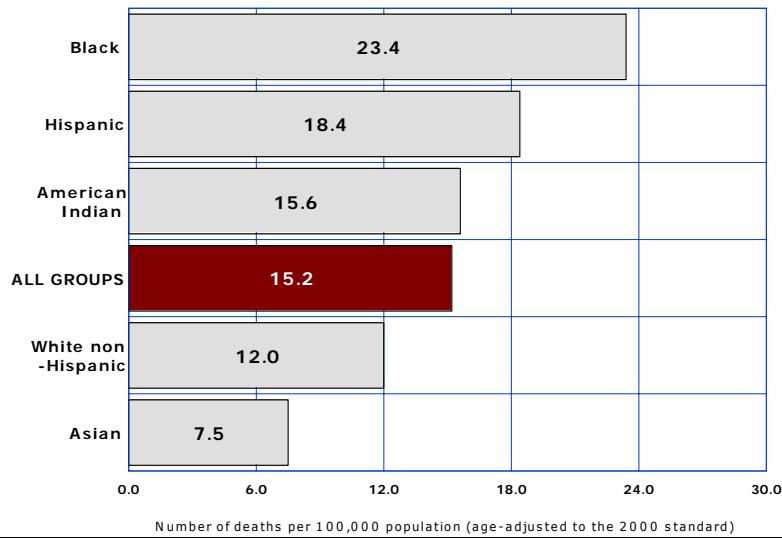
2000



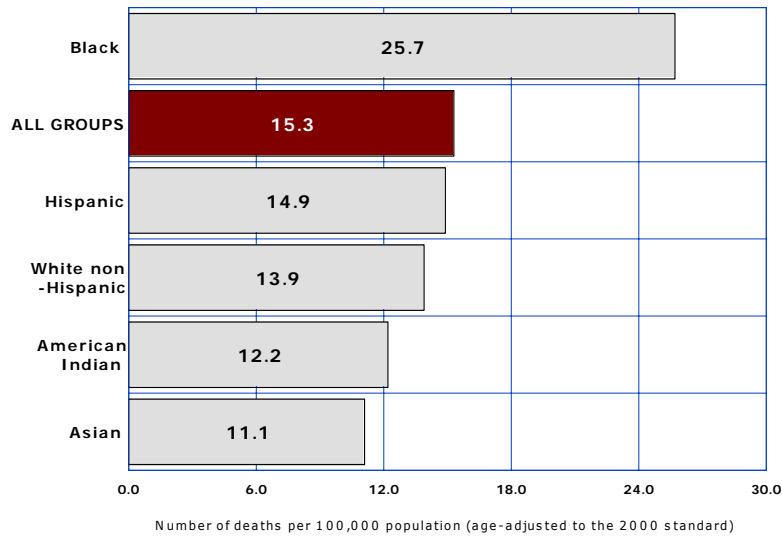
COMPARATIVE RATES FOR 2000 AND 2005						
Number of deaths per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	1.7	1.6	1.2	3.3	3.8	1.1
2005	1.4	1.1	1.3	2.9	3.4	3.2
% change from 2000	-17.6	-31.3	8.3	-12.1	-10.5	190.9

6-5 FIREARM-RELATED

2005



2000

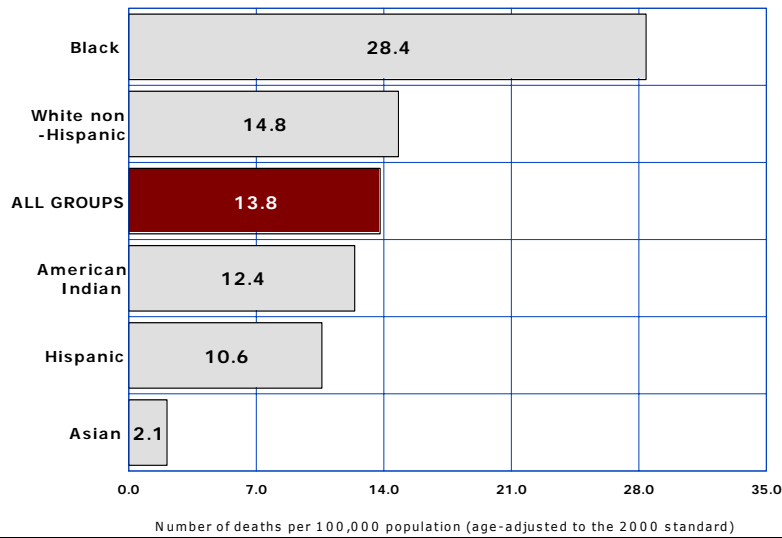


COMPARATIVE RATES FOR 2000 AND 2005

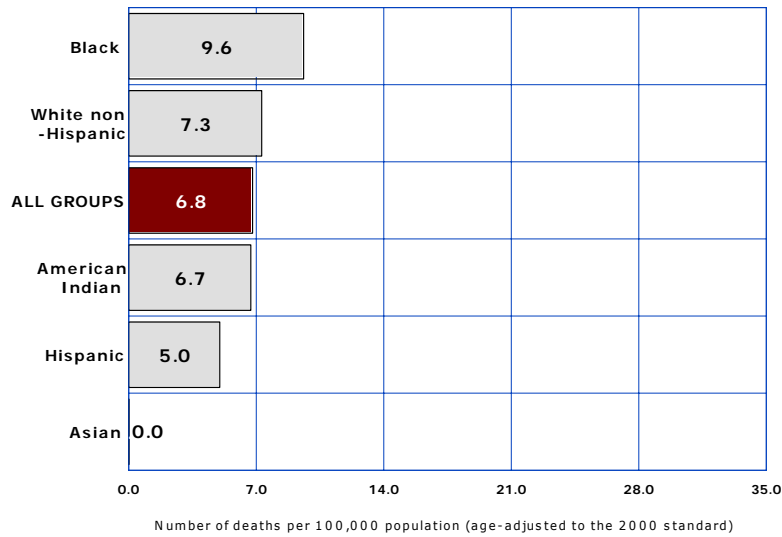
Number of deaths per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	15.3	13.9	14.9	25.7	12.2	11.1
2005	15.2	12.0	18.4	23.4	15.6	7.5
% change from 2000	-0.7	-13.7	23.5	-8.9	27.9	-32.4

6-6 DRUG-INDUCED

2005



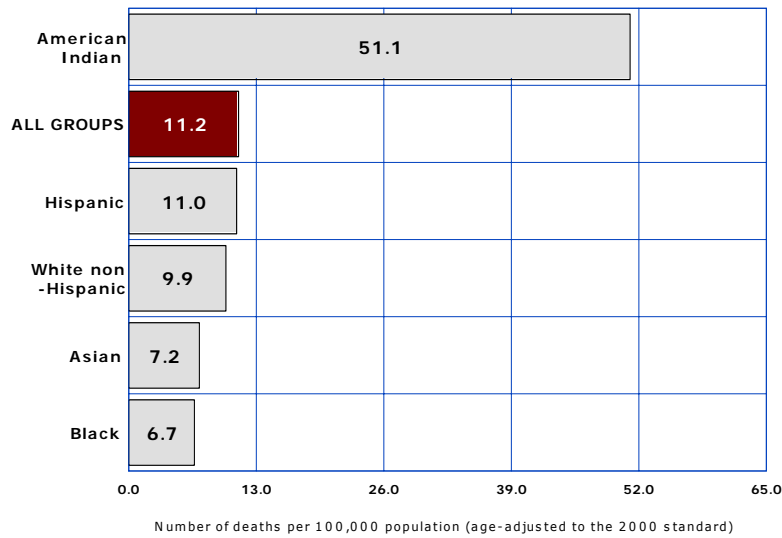
2000



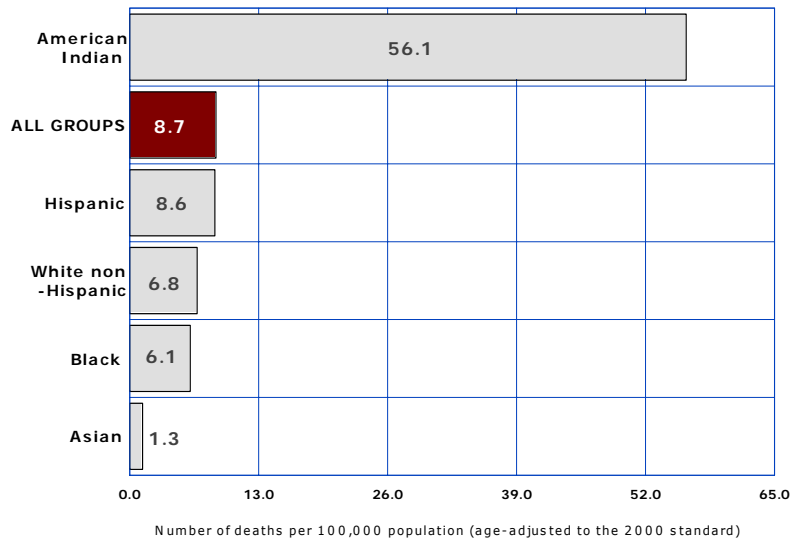
COMPARATIVE RATES FOR 2000 AND 2005						
Number of deaths per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	6.8	7.3	5.0	9.6	6.7	0.0
2005	13.8	14.8	10.6	28.4	12.4	2.1
% change from 2000	102.9	102.7	112.0	195.8	85.1	NA

6-7 ALCOHOL-INDUCED

2005



2000

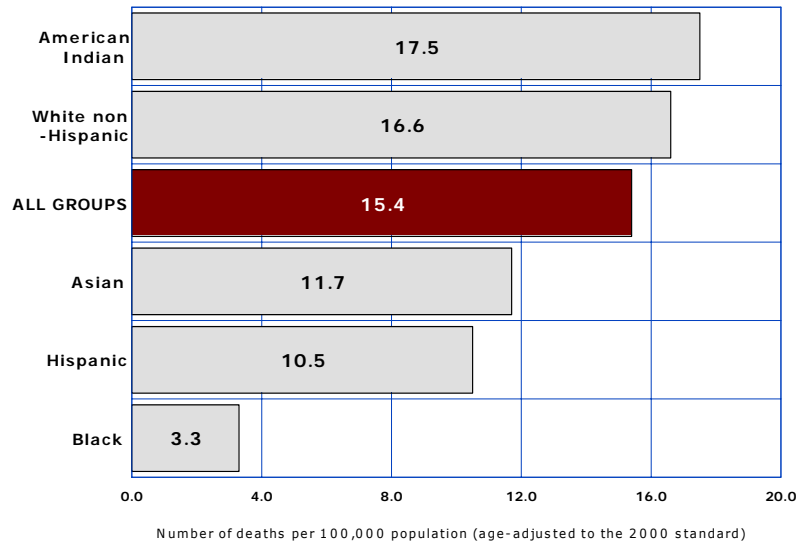


COMPARATIVE RATES FOR 2000 AND 2005

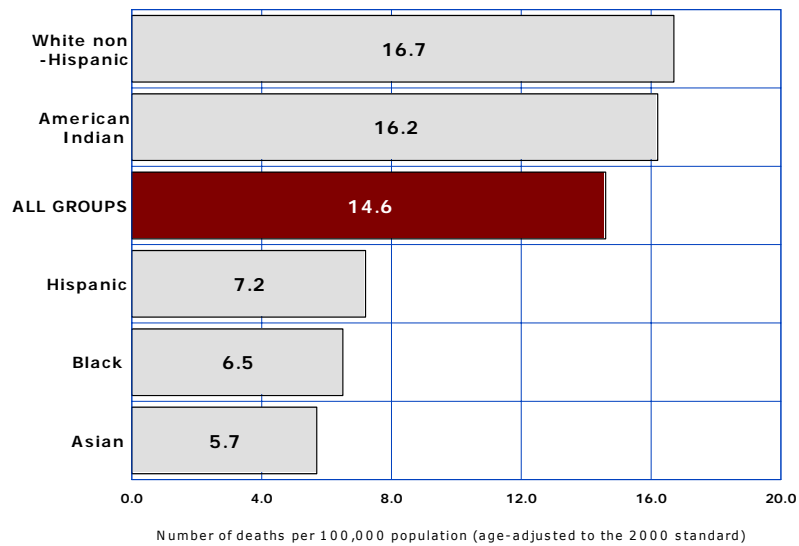
Number of deaths per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	8.7	6.8	8.6	6.1	56.1	1.3
2005	11.2	9.9	11.0	6.7	51.1	7.2
% change from 2000	28.7	45.6	27.9	9.8	-8.9	453.8

6-8 INTENTIONAL SELF-HARM (SUICIDE)

2005



2000



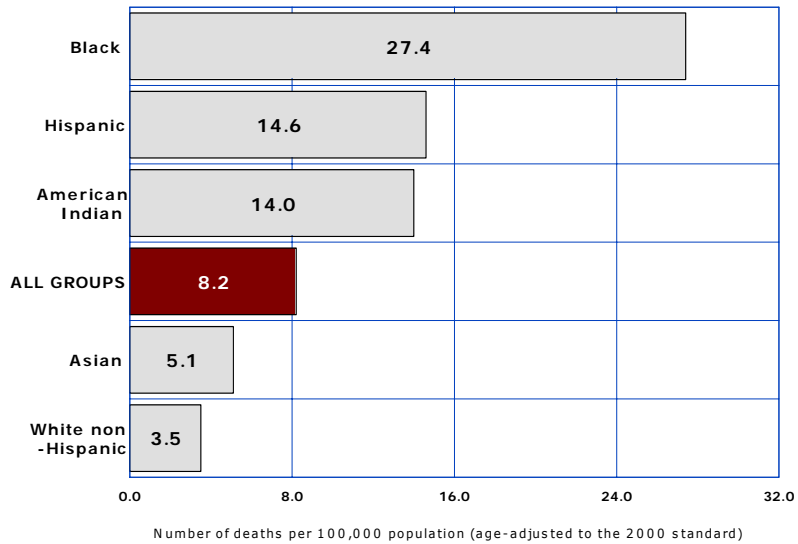
COMPARATIVE RATES FOR 2000 AND 2005

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

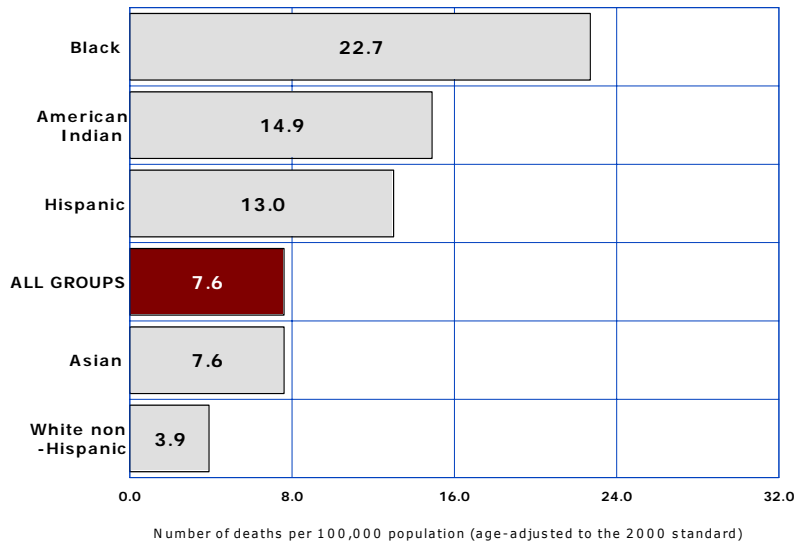
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	14.6	16.7	7.2	6.5	16.2	5.7
2005	15.4	16.6	10.5	3.3	17.5	11.7
% change from 2000	5.5	-0.6	45.8	-49.2	8.0	105.3

6-9 ASSAULT (HOMICIDE)

2005



2000



COMPARATIVE RATES FOR 2000 AND 2005						
Number of deaths per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	7.6	3.9	13.0	22.7	14.9	7.6
2005	8.2	3.5	14.6	27.4	14.0	5.1
% change from 2000	7.9	-10.3	12.3	20.7	-6.0	-32.9

7

Age-Specific Mortality

7-1 Children 1-14 Years Old

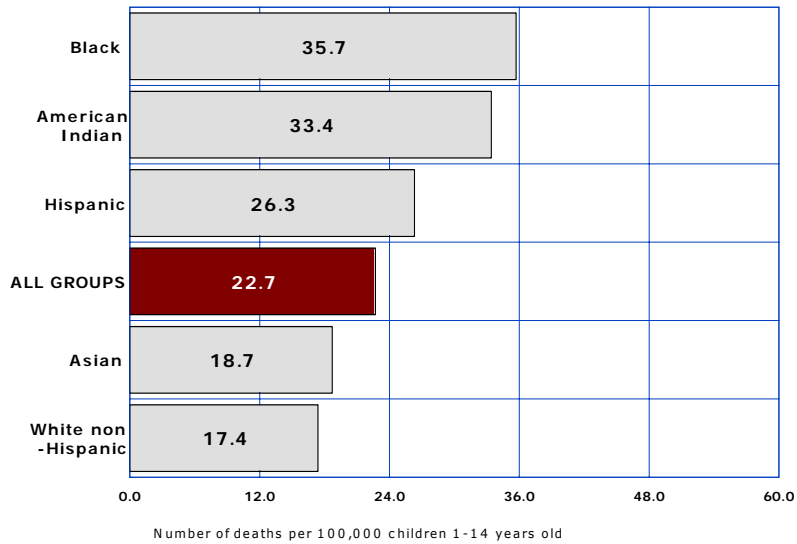
7-2 Adolescents 15-19 Years Old

7-3 Young Adults 20-44 Years Old

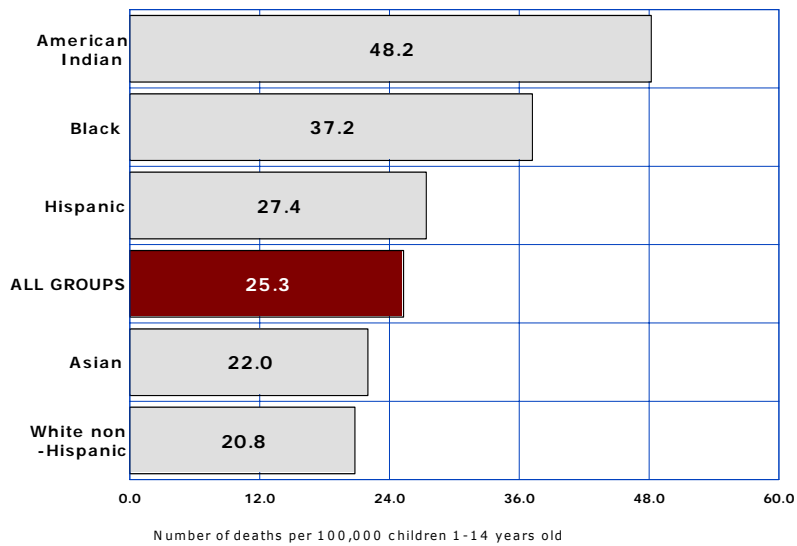
7-4 Middle-Aged Adults 45-64 Years Old

7-1 CHILDREN 1-14 YEARS OLD

2005



2000

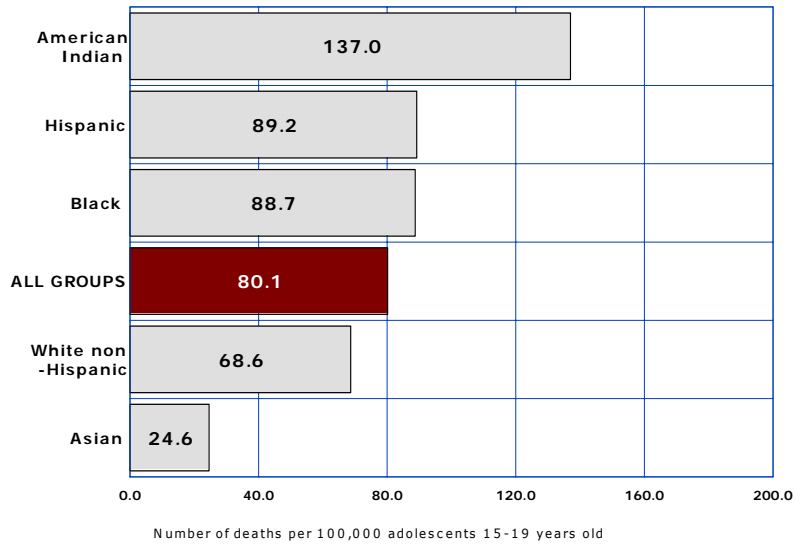


COMPARATIVE RATES FOR 2000 AND 2005

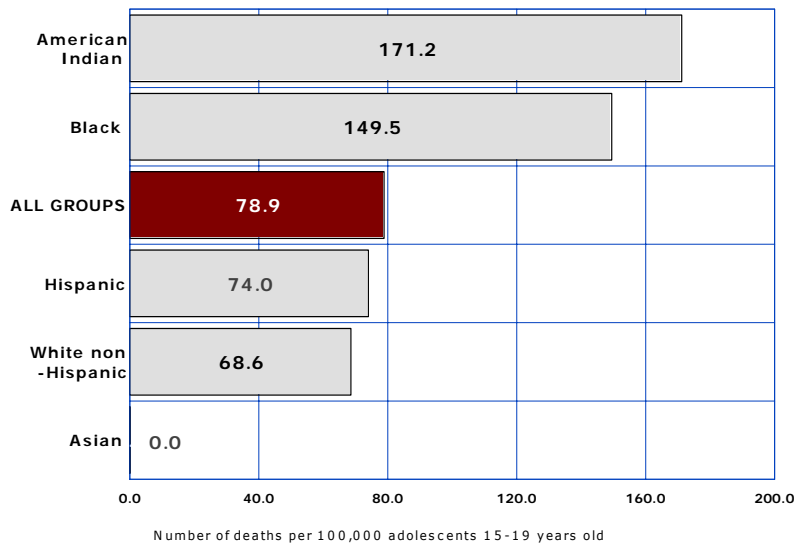
Number of deaths per 100,000 children 1-14 years old by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	25.3	20.8	27.4	37.2	48.2	22.0
2005	22.7	17.4	26.3	35.7	33.4	18.7
% change from 2000	-10.3	-16.3	-4.0	-4.0	-30.7	-15.0

7-2 ADOLESCENTS 15-19 YEARS OLD

2005



2000

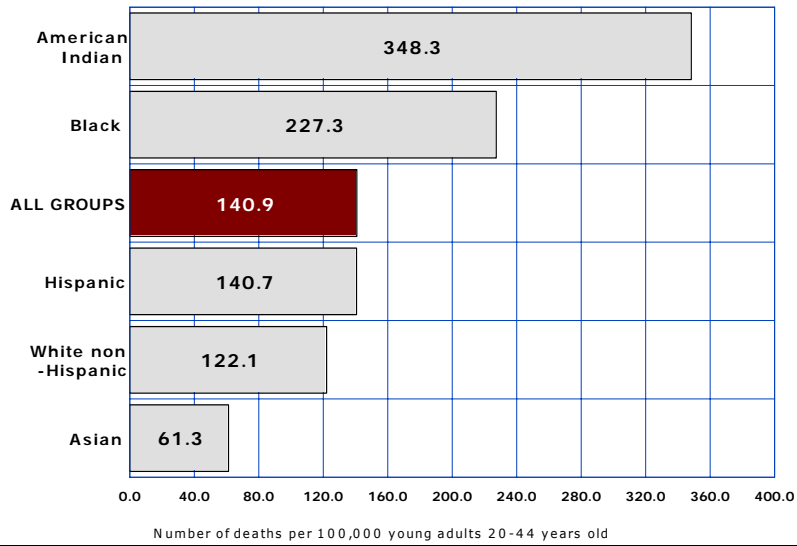


COMPARATIVE RATES FOR 2000 AND 2005

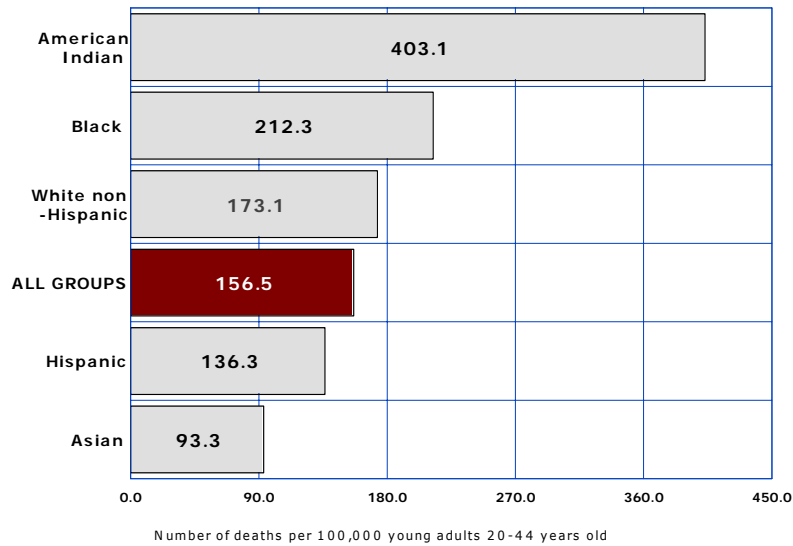
Number of deaths per 100,000 adolescents 15-19 years old by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	78.9	68.6	74.0	149.5	171.2	0.0
2005	80.1	68.6	89.2	88.7	137.0	24.6
% change from 2000	1.5	0.0	20.5	-40.7	-20.0	NA

7-3 YOUNG ADULTS 20-44 YEARS OLD

2005



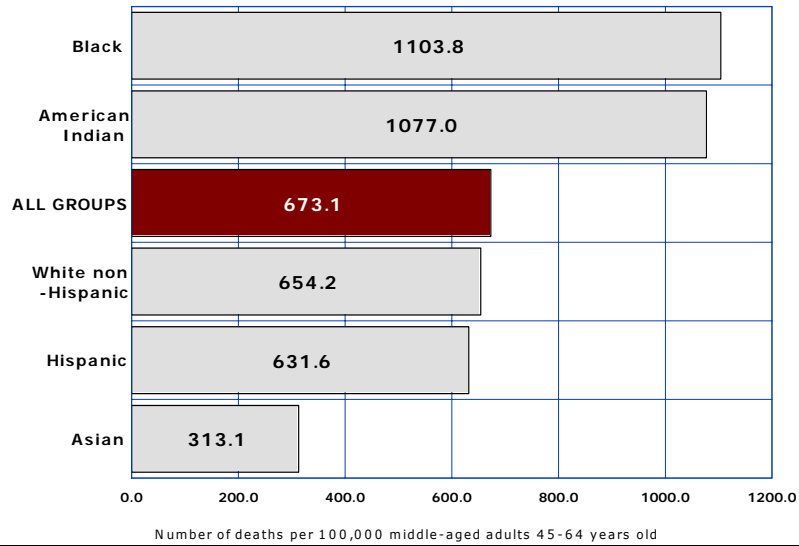
2000



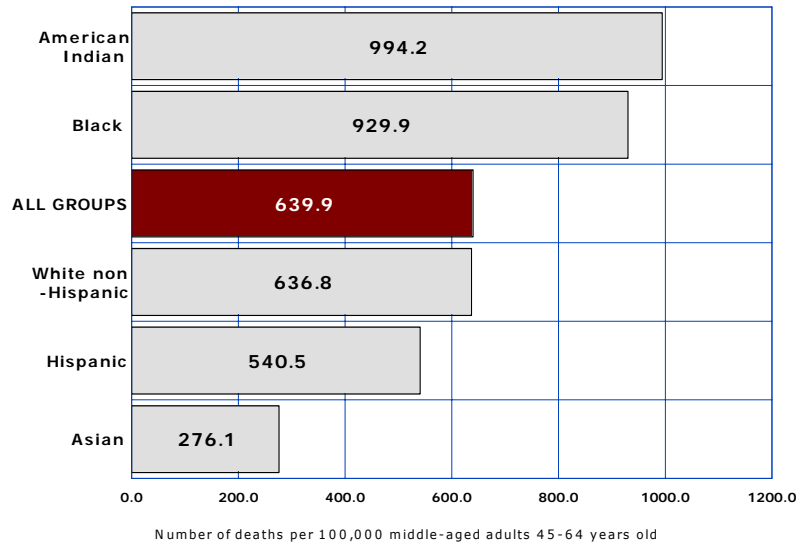
COMPARATIVE RATES FOR 2000 AND 2005						
Number of deaths per 100,000 young adults 20-44 years old by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	156.5	173.1	136.3	212.3	403.1	93.3
2005	140.9	122.1	140.7	227.3	348.3	61.3
% change from 2000	-10.0	-29.5	3.2	7.1	-13.6	-34.3

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

2005



2000



COMPARATIVE RATES FOR 2000 AND 2005

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

Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	633.9	636.8	540.5	929.9	994.2	276.1
2005	673.1	654.2	631.6	1,103.8	1,077.0	313.1
% change from 2000	6.2	2.7	16.8	18.7	8.3	13.4

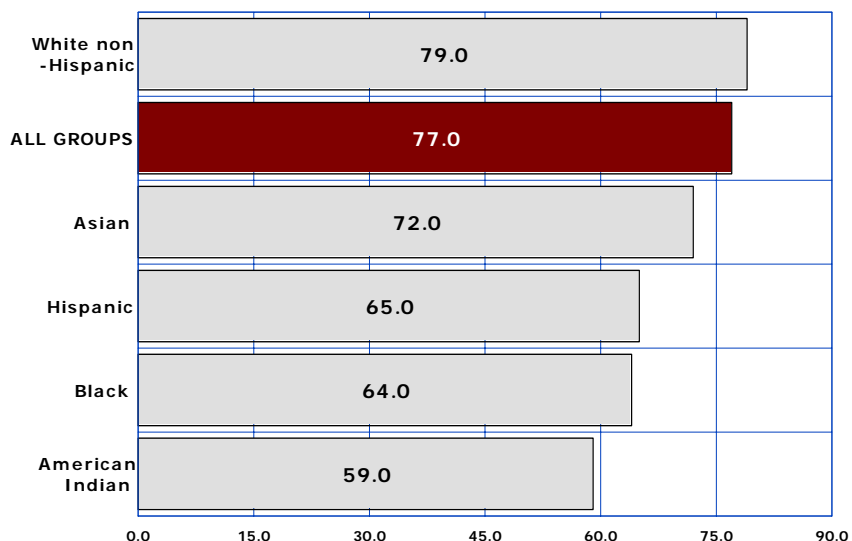
8

Patterns of Premature Mortality

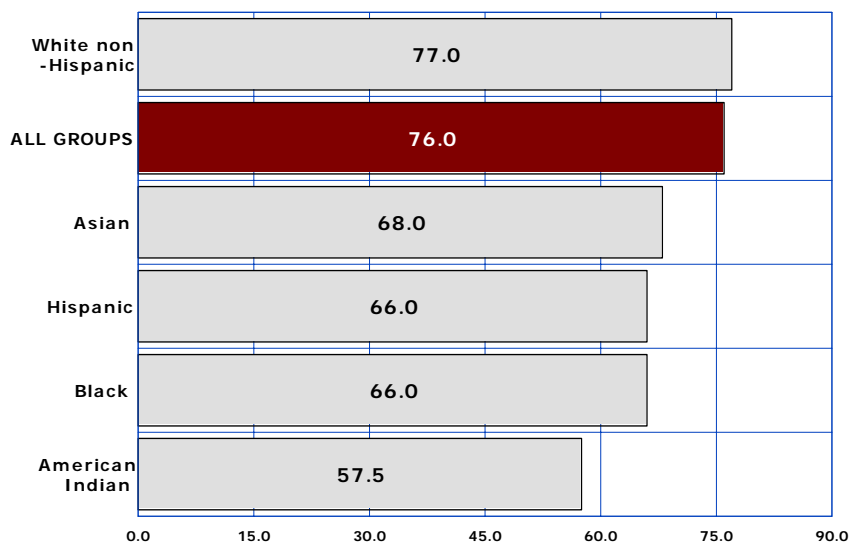
- 8-1 Median Age At Death From All Causes Among Arizona Residents**
- 8-2 Median Age At Death From All Causes Among Arizona Males**
- 8-3 Median Age At Death From All Causes Among Arizona Females**
- 8-4 Percent of Total Deaths Before Expected Years of Life Reached**

8-1 MEDIAN AGE AT DEATH FROM ALL CAUSES

2005



2000

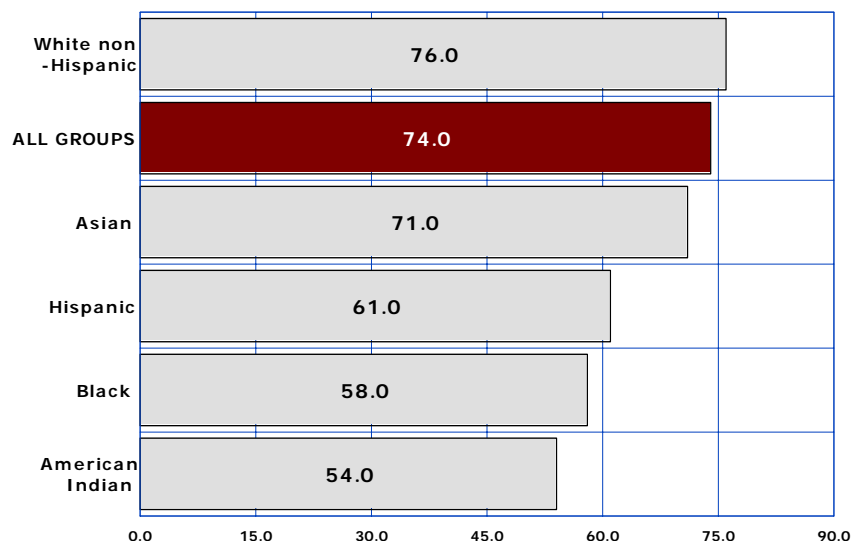


MEDIAN AGE AT DEATH IN 2000 AND 2005

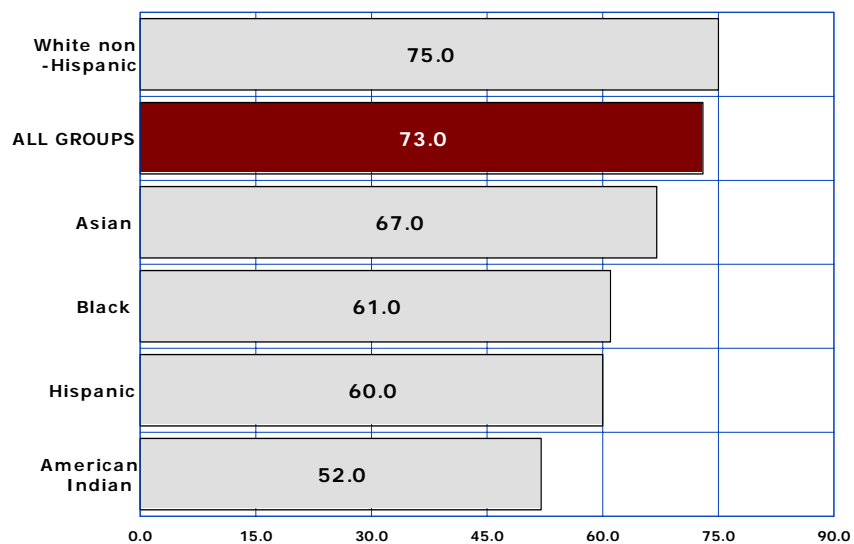
By race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	76.0	77.0	66.0	66.0	57.5	68.0
2005	77.0	79.0	65.0	64.0	59.0	72.0
% change from 2000	1.3	2.6	-1.5	-3.0	2.6	5.9

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

2005



2000

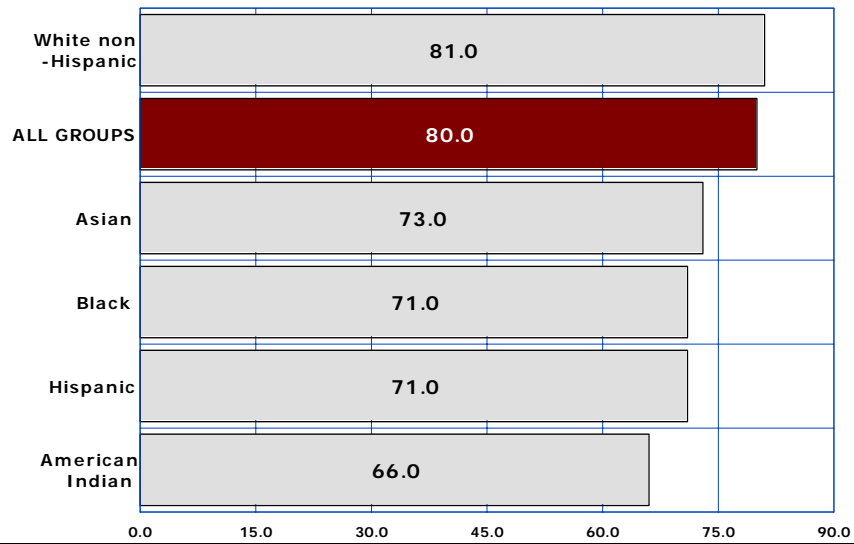


MEDIAN AGE AT DEATH AMONG MALES IN 2000 AND 2005

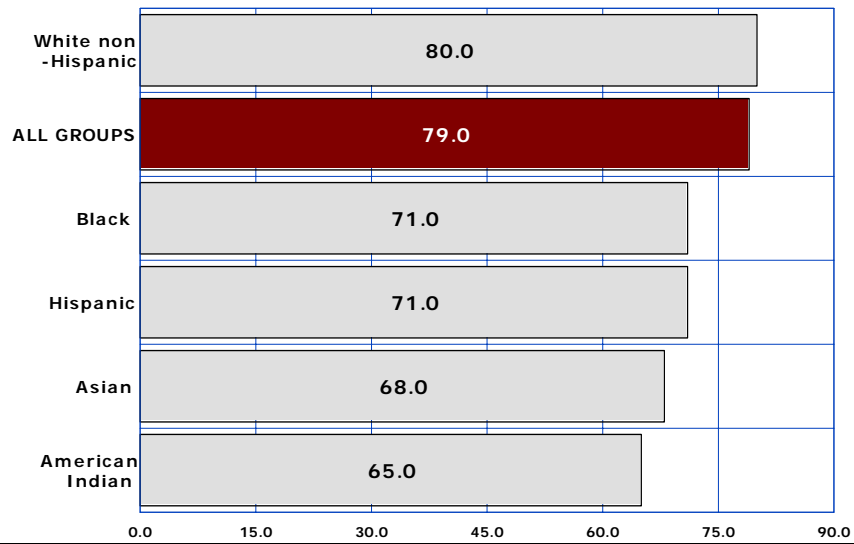
By race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	73.0	75.0	60.0	61.0	52.0	67.0
2005	74.0	76.0	61.0	58.0	54.0	71.0
% change from 2000	1.4	1.3	1.7	-4.9	3.8	6.0

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

2005



2000

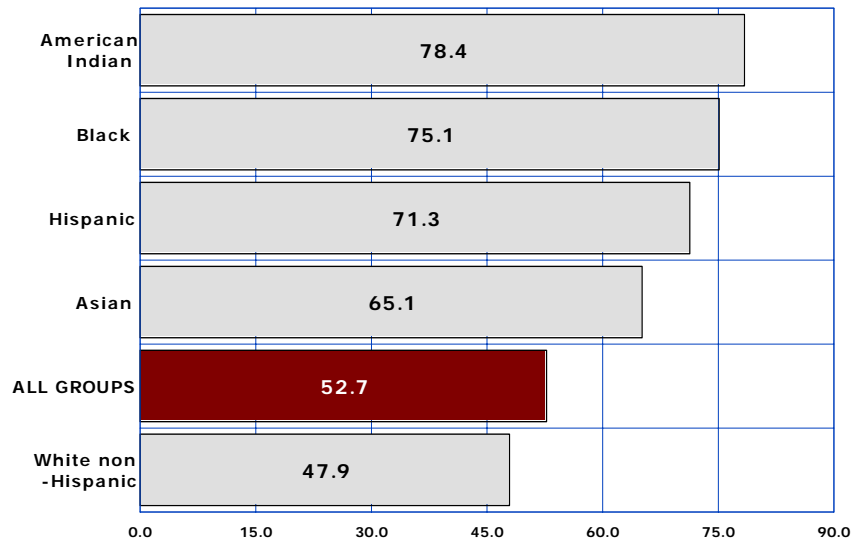


MEDIAN AGE AT DEATH AMONG FEMALES IN 2000 AND 2005

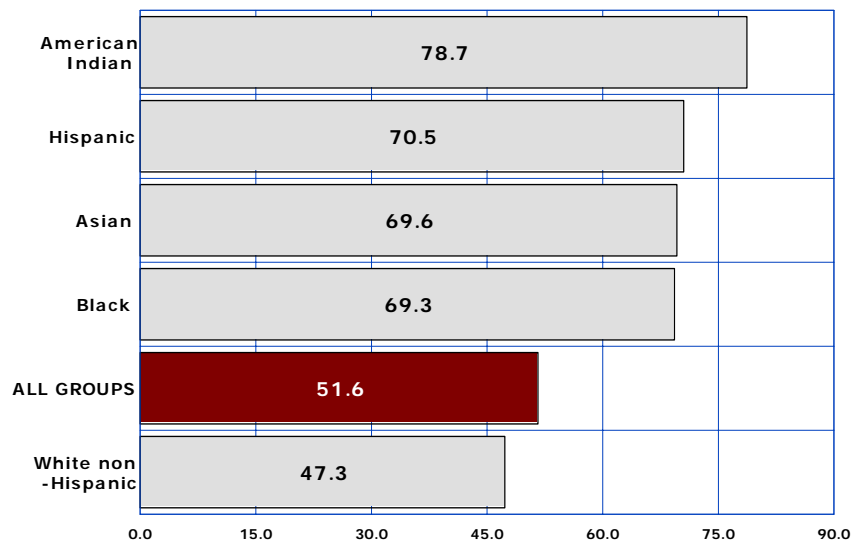
By race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	79.0	80.0	71.0	71.0	65.0	68.0
2005	80.0	81.0	71.0	71.0	66.0	73.0
% change from 2000	1.3	1.3	0.0	0.0	1.5	7.4

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

2005



2000



DEATHS BEFORE EXPECTED YEARS OF LIFE REACHED IN 2000 AND 2005

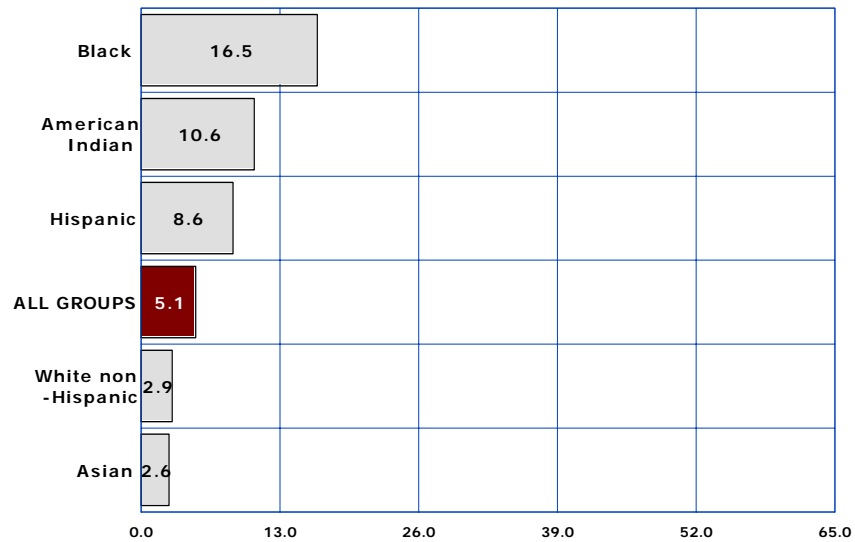
By race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	51.6	47.3	70.5	69.3	78.7	69.6
2005	52.7	47.9	71.3	75.1	78.4	65.1
% change from 2000	2.1	1.3	1.1	8.4	-0.4	-6.5

The Incidence of Reportable Diseases

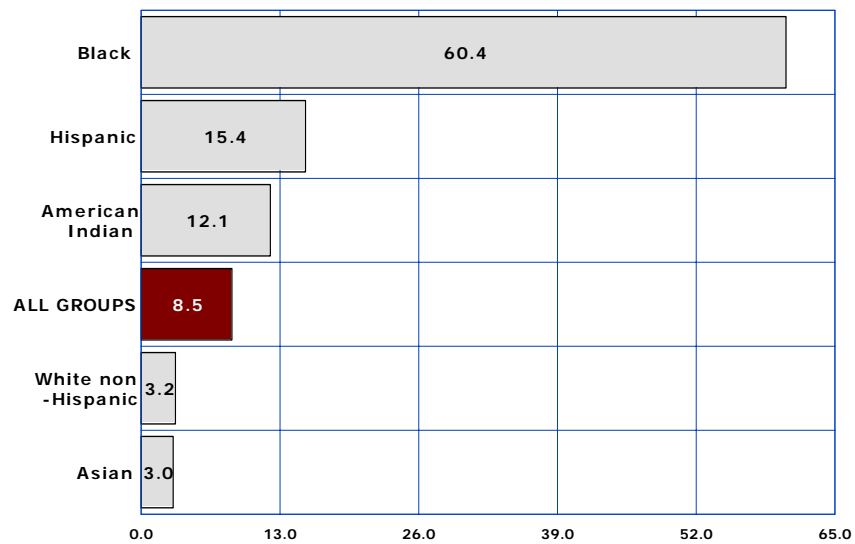
- 9-1 Rates of Early Syphilis**
- 9-2 Rates of Gonorrhea**
- 9-3 Rates of Chlamydia**
- 9-4 Rates of Genital Herpes**
- 9-5 Rates of HIV/AIDS**

9-1 RATES OF EARLY SYPHILIS

2005



2000

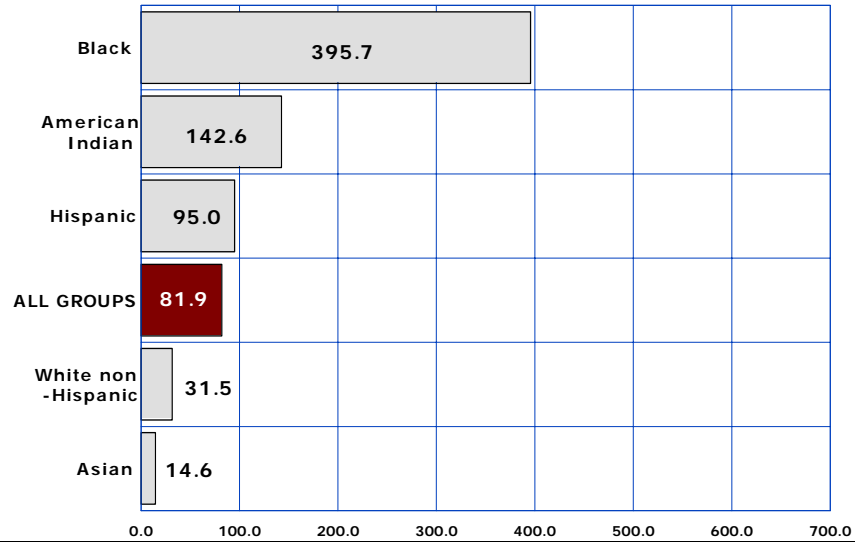


COMPARATIVE RATES FOR 2000 AND 2005

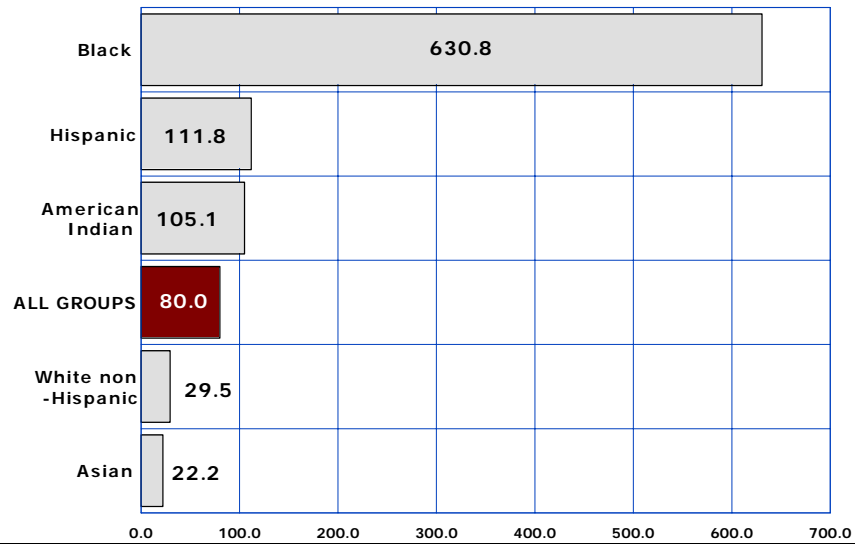
Number of reported cases per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	8.5	3.2	15.4	60.4	12.1	3.0
2005	5.1	2.9	8.6	16.5	10.6	2.6
% change from 2000	-40.0	-8.4	-44.2	-72.7	-12.4	-13.3

9-2 RATES OF GONORRHEA

2005



2000

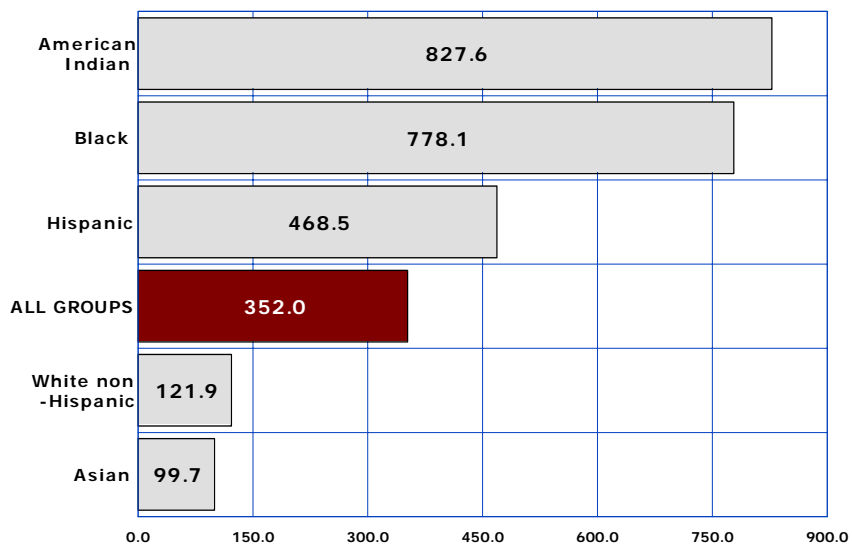


COMPARATIVE RATES FOR 2000 AND 2005

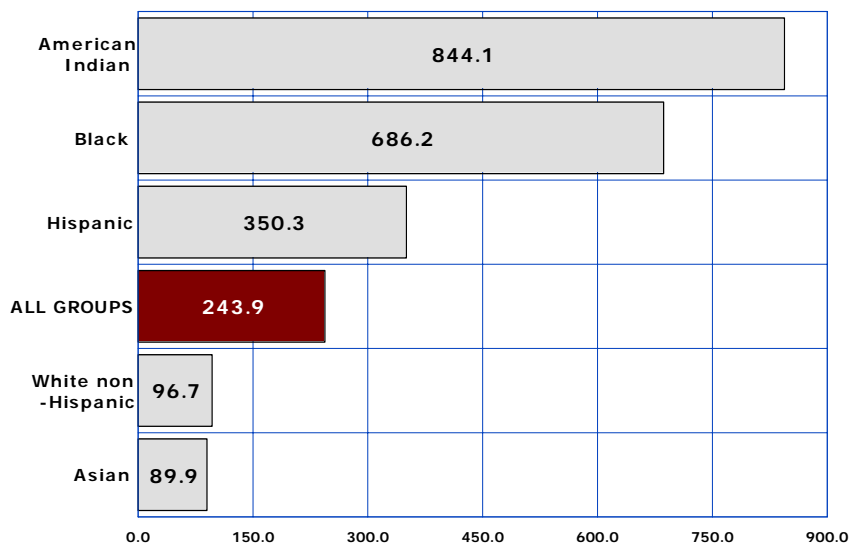
Number of reported cases per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	80.0	29.5	111.8	630.8	105.1	22.2
2005	81.9	31.5	95.0	395.7	142.6	14.6
% change from 2000	2.4	6.8	-15.0	-37.3	35.7	-34.2

9-3 RATES OF CHLAMYDIA

2005



2000

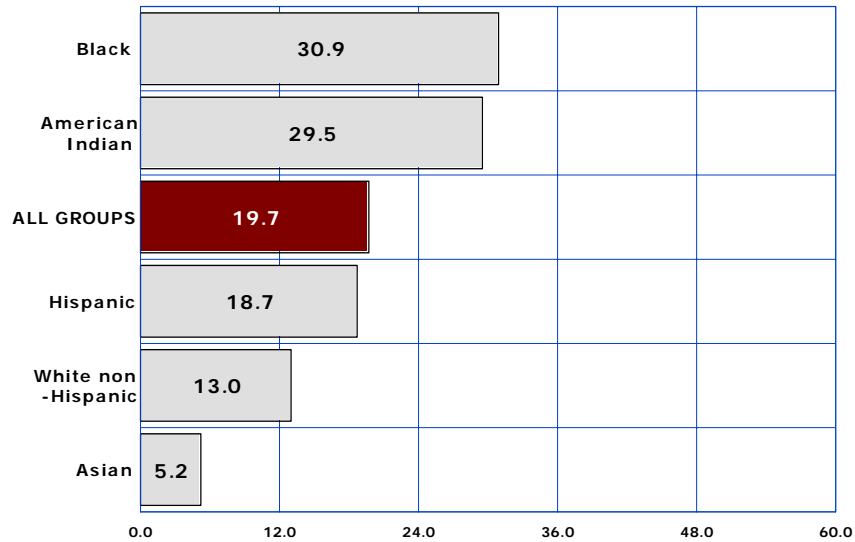


COMPARATIVE RATES FOR 2000 AND 2005

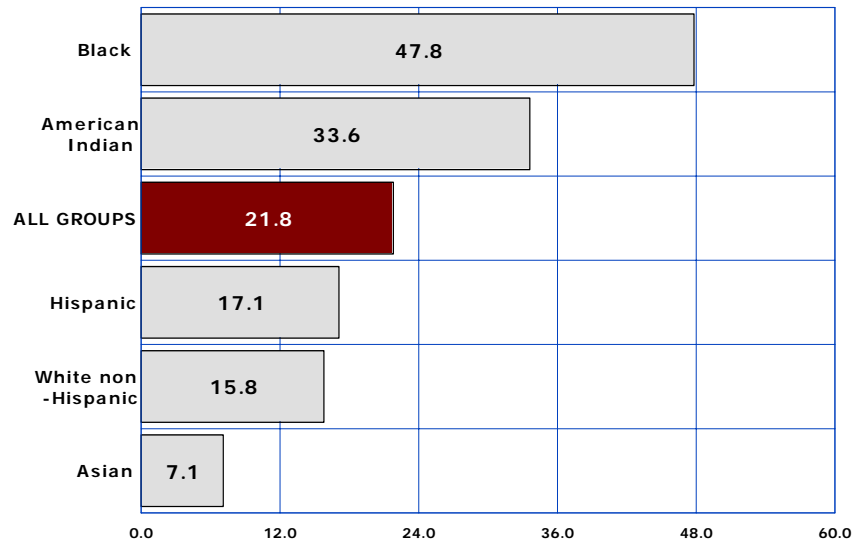
Number of reported cases per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	243.9	96.7	350.3	686.2	844.1	89.9
2005	352.0	121.9	468.5	778.1	827.6	99.7
% change from 2000	44.3	26.1	33.7	13.4	-2.0	10.9

9-4 RATES OF GENITAL HERPES

2005



2000

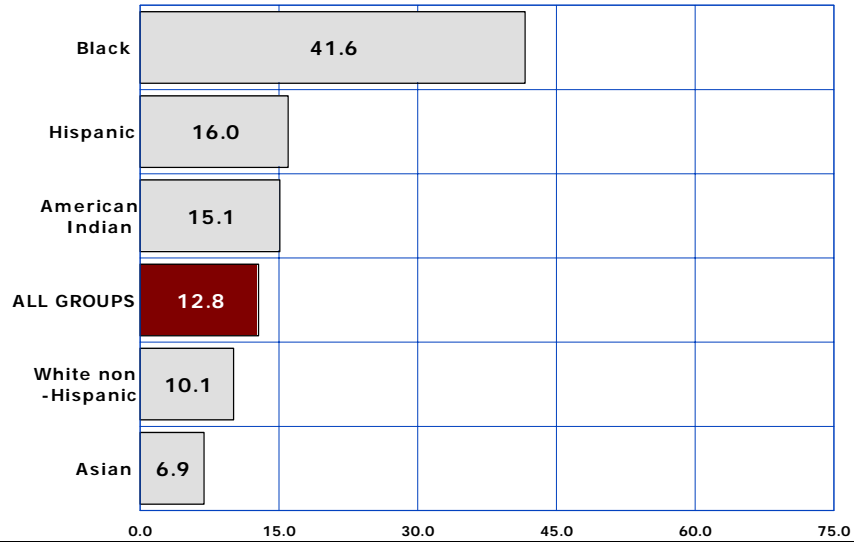


COMPARATIVE RATES FOR 2000 AND 2005

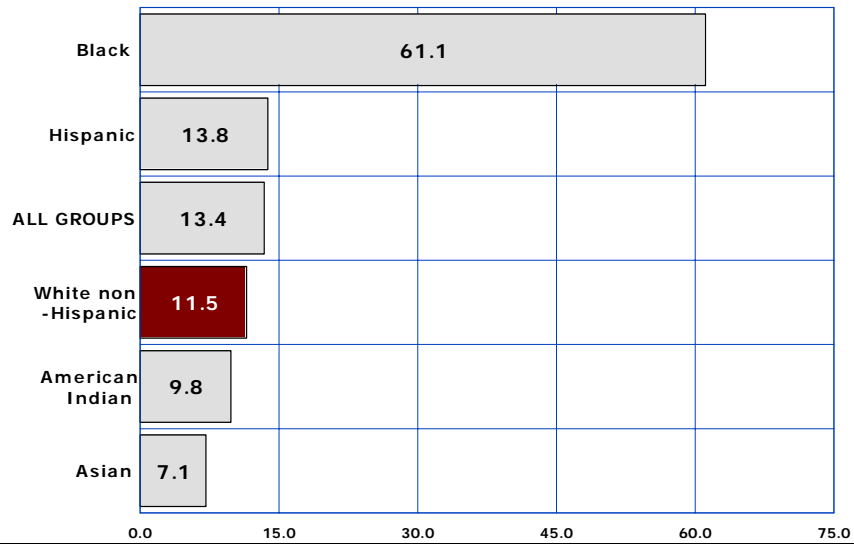
Number of reported cases per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	21.8	15.8	17.1	47.8	33.6	7.1
2005	19.7	13.0	18.7	30.9	29.5	5.2
% change from 2000	-9.6	-17.7	9.4	-35.4	-12.2	-26.7

9-5 RATES OF HIV/AIDS

2005



2000



COMPARATIVE RATES FOR 2000 AND 2005

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

Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2000	13.4	11.5	13.8	61.1	9.8	7.1
2005	12.8	10.1	16.0	41.6	15.1	6.9
% change from 2000	-4.5	-12.2	15.9	-31.9	54.1	-2.8

COMPARATIVE RATES AND RATIOS FOR 2000-2005

**COMPARATIVE RATES AND RATIOS FOR
2000 – 2005**

1. TEEN PREGNANCIES

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

Indicator	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						
2005	32.7	15.8	55.5	43.5	40.8	16.2
2004	34.6	17.7	59.2	44.2	39.7	19.3
2003	34.5	18.2	57.5	45.4	39.9	19.2
2002	35.2	20.1	57.6	42.5	36.6	19.1
2001	36.0	21.1	59.1	45.1	36.7	20.3
2000	39.5	25.2	60.9	51.9	41.3	21.3
Figure 1-2. - Pregnancies among females 14 and younger						
2005	1.1	0.3	2.2	1.6	1.5	0.3
2004	1.1	0.3	2.3	1.6	1.4	0.6
2003	1.4	0.4	2.6	1.2	2.5	0.6
2002	1.3	0.4	2.5	2.4	1.3	0.3
2001	1.3	0.5	2.5	2.2	1.4	0.0
2000	1.5	0.7	2.7	2.4	1.6	0.3
Figure 1-3. - Pregnancies among females 15-17 years old						
2005	39.1	14.9	72.9	51.6	55.0	16.2
2004	42.0	16.9	79.7	53.0	53.2	20.2
2003	41.6	17.5	76.5	59.8	52.0	22.0
2002	42.2	20.2	77.0	47.0	45.1	14.6
2001	43.2	20.8	79.7	57.5	43.5	22.8
2000	48.1	25.1	84.0	64.2	52.1	21.4
Figure 1-4. - Pregnancies among females 18-19 years old						
2005	103.6	55.1	168.9	144.8	137.0	47.6
2004	108.7	61.2	177.4	149.8	134.2	55.0
2003	108.2	62.9	172.7	147.5	134.2	52.1
2002	111.2	67.9	172.8	148.0	130.1	61.6
2001	113.2	71.7	176.0	146.4	133.4	57.1
2000	123.6	85.0	178.4	171.7	144.4	62.4

2. MATERNAL LIFESTYLE AND HEALTH CHARACTERISTICS

(All ratios are per 100 live births)

Indicator	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						
2005	42.8	26.1	54.3	61.9	72.9	17.0
2004	41.9	24.8	53.9	62.0	73.1	15.8
2003	41.2	25.1	52.7	62.7	72.4	16.3
2002	40.2	25.0	52.2	61.8	69.7	15.5
2001	39.4	24.5	51.0	64.2	70.1	17.0
2000	39.3	24.8	51.4	62.2	68.5	15.1

2. MATERNAL LIFESTYLE AND HEALTH CHARACTERISTICS (continued)

(All ratios are per 100 live births)

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

2. MATERNAL LIFESTYLE AND HEALTH CHARACTERISTICS (continued)

(All ratios are per 100 live births)

Indicator	ARIZONA RESIDENTS	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
Figure 2-8. - Pregnancy-associated hypertension						
2005	3.1	3.8	2.1	3.0	5.8	2.4
2004	2.9	3.6	1.9	2.8	5.4	2.3
2003	2.8	3.4	1.9	2.7	5.7	1.9
2002	2.5	3.0	1.7	2.5	4.6	1.5
2001	2.6	3.1	1.7	2.4	5.7	1.8
2000	3.0	3.6	2.0	2.9	5.6	2.3
Figure 2-9. - Genital herpes during pregnancy						
2005	0.7	1.2	0.3	1.1	0.5	0.7
2004	0.7	1.2	0.3	0.8	0.4	0.4
2003	0.6	1.0	0.2	1.0	0.5	0.5
2002	0.7	1.1	0.2	1.2	0.3	0.4
2001	0.8	1.3	0.3	1.2	0.3	0.7
2000	0.7	1.2	0.2	0.7	0.3	0.5
Figure 2-10. - Weight gain of less than 21 pounds						
2005	24.4	16.9	30.1	27.9	32.4	18.7
2004	20.6	15.1	24.3	23.4	28.5	18.4
2003	19.7	14.5	22.9	23.3	31.9	16.0
2002	19.3	15.4	22.1	19.3	28.2	16.3
2001	18.5	14.9	20.9	21.3	28.8	16.0
2000	19.1	15.4	21.3	22.4	30.4	16.7

3. UTILIZATION OF PRENATAL CARE SERVICES

(Per 100 live births)

Indicator	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						
2005	22.3	12.3	30.5	24.4	32.1	13.7
2004	23.7	12.7	33.0	24.2	31.0	15.3
2003	24.4	13.2	34.2	24.3	31.2	15.8
2002	24.3	13.5	34.4	24.8	35.6	15.7
2001	24.5	13.8	34.7	26.2	35.4	17.3
2000	25.0	14.0	36.5	28.9	34.2	15.0
Figure 3-2. - Fewer than five prenatal visits						
2005	6.5	2.8	19.2	13.4	12.6	3.5
2004	7.4	2.8	11.0	7.9	12.1	4.4
2003	7.2	2.9	10.4	7.6	11.8	4.5
2002	6.6	2.9	9.9	6.0	12.4	3.3
2001	9.4	5.1	13.2	11.8	14.5	5.4
2000	6.7	2.8	10.5	6.6	12.5	3.3

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

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

4. NEWBORN'S HEALTH

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

Indicator	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						
2005	0.3	0.4	0.1	0.5	0.3	0.2
2004	0.3	0.4	0.2	0.3	0.4	0.3
2003	0.3	0.5	0.2	0.2	0.3	0.3
2002	0.5	0.7	0.3	0.5	0.4	0.8
2001	0.3	0.4	0.2	0.5	0.4	0.3
2000	0.3	0.4	0.2	0.6	0.2	0.3
Figure 4-2. - Newborn intensive care						
2005	5.7	6.5	5.1	7.4	5.1	5.4
2004	5.7	6.4	5.2	7.2	4.4	5.8
2003	5.4	6.2	4.7	7.0	4.2	5.6
2002	5.6	6.3	5.0	7.2	4.8	5.7
2001	5.7	5.9	5.4	9.0	4.6	5.6
2000	5.8	5.5	6.3	9.3	4.6	4.3
Figure 4-3. - Born too early (preterm or < 37 weeks)						
2005	10.7	10.9	10.1	16.4	10.6	10.2
2004	11.0	11.4	10.3	14.4	10.9	11.0
2003	10.5	11.0	9.8	14.4	9.8	10.8
2002	10.0	10.5	9.4	14.0	9.6	11.0
2001	9.9	10.1	9.4	14.8	10.1	9.8
2000	10.3	10.5	9.8	14.9	9.4	9.3
Figure 4-4. - Born too small: low-birthweight (<2,500 grams)						
2005	6.9	6.9	6.4	12.6	7.3	8.0
2004	7.2	7.2	6.8	11.6	7.2	8.0
2003	7.1	6.9	6.9	11.7	6.8	8.5
2002	6.8	6.7	6.4	11.9	6.5	8.6
2001	7.0	6.7	6.7	13.7	7.3	7.7
2000	7.0	7.0	6.7	13.0	6.7	7.6

4. NEWBORN'S HEALTH (continued)

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

Indicator	ARIZONA RESIDENTS	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
Figure 4-5. - Born too small: very low-birthweight (<1,500 grams)						
2005	1.2	1.1	1.2	2.5	1.1	1.2
2004	1.2	1.1	1.2	2.5	0.9	1.1
2003	1.1	1.1	1.1	2.2	0.9	1.5
2002	1.1	1.2	1.0	2.5	0.9	1.2
2001	1.1	1.0	1.0	2.7	1.0	0.9
2000	1.2	1.1	1.1	2.6	1.4	1.2
Figure 4-6. - Incidence of congenital anomalies (birth defects)						
2005	1.0	1.0	0.9	0.9	1.5	1.2
2004	1.0	1.0	1.0	0.6	1.6	0.7
2003	1.0	1.0	1.0	1.0	1.3	1.0
2002	1.3	1.4	1.1	1.2	2.2	0.9
2001	1.3	1.4	1.1	1.4	1.9	1.3
2000	1.3	1.5	0.9	1.1	1.9	0.8
Figure 4-7. - Infant mortality						
2005	6.8	6.2	7.0	12.8	8.3	5.3
2004	6.7	5.4	7.7	12.1	7.2	3.8
2003	6.5	5.4	7.0	15.9	7.5	4.4
2002	6.3	5.9	6.6	13.1	7.0	4.0
2001	6.9	5.7	6.7	22.7	10.7	3.8
2000	6.7	6.1	6.3	17.8	9.6	4.9
Figure 4-8. - Sudden Infant Death Syndrome (SIDS)						
2005	0.3	0.3	0.3	0.6	0.6	0.7
2004	0.3	0.3	0.3	0.6	0.0	0.0
2003	0.3	0.3	0.3	0.7	0.3	0.0
2002	0.4	0.4	0.3	2.2	0.4	0.0
2001	0.4	0.4	0.2	2.9	0.4	0.0
2000	0.3	0.3	0.2	0.7	0.7	0.0
Figure 4-9. - Mortality of infants from low birthweight/short gestation						
2005	0.8	0.5	1.2	1.2	0.5	0
2004	0.9	0.7	1.1	2.2	0.5	0.0
2003	0.9	0.6	1.1	3.6	0.9	0.4
2002	1.1	0.9	1.3	2.6	0.7	0.0
2001	0.9	0.6	1.1	4.0	0.4	0.0
2000	0.6	0.4	0.9	2.5	0.9	0.0
Figure 4-10. - Neonatal mortality						
2005	4.4	4.1	4.9	5.5	4.3	3.2
2004	4.5	3.9	5.1	7.8	3.4	2.7
2003	4.3	3.7	4.9	10.3	3.1	2.0
2002	4.1	3.9	4.6	5.8	3.6	3.1
2001	4.5	4.0	4.5	15.0	4.1	2.4
2000	4.3	3.8	4.2	9.8	6.4	2.0

4. NEWBORN'S HEALTH (continued)

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

Indicator	ARIZONA RESIDENTS	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
Figure 4-11. - Postneonatal mortality						
2005	2.4	2.1	2.1	7.3	4.0	2.1
2004	2.2	1.4	2.6	4.4	3.8	1.1
2003	2.2	1.7	2.1	5.6	4.4	2.4
2002	2.2	2.0	2.0	7.3	3.4	0.9
2001	2.4	1.7	2.2	7.7	6.6	1.4
2000	2.4	2.3	2.0	8.0	3.2	2.0

5. MORTALITY FROM NATURAL CAUSES - Chronic or infectious diseases

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

Indicator	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						
2005	245.7	241.3	266.1	343.3	235.6	243.0
2004	248.5	243.1	284.1	372.5	214.6	200.3
2003	258.4	257.2	278.2	390.1	188.6	145.3
2002	265.5	266.1	276.3	329.8	216.2	218.4
2001	267.3	265.8	281.4	388.1	234.1	184.3
2000	276.1	276.0	273.6	411.5	257.5	190.6
Figure 5-2. - Diseases of the heart						
2005	186.9	185.2	189.6	250.3	179.1	159.8
2004	186.7	184.9	197.6	258.5	166.9	135.3
2003	197.1	197.7	198.5	299.4	141.9	97.6
2002	201.0	203.0	201.2	237.0	164.0	145.6
2001	201.7	202.1	206.1	273.6	177.7	116.1
2000	206.1	207.2	204.7	289.5	183.8	132.3
Figure 5-3. - Coronary heart disease						
2005	147.9	147.3	147.1	211.4	133.7	113.7
2004	148.7	147.3	158.2	207.5	137.5	120.6
2003	156.6	157.8	154.4	245.7	100.7	75.5
2002	159.5	161.7	159.4	181.2	119.5	104.4
2001	149.3	149.8	159.7	196.9	116.4	80.7
2000	160.4	162.4	154.7	225.1	124.4	107.4
Figure 5-4. - Cerebrovascular disease						
2005	40.6	38.8	51.0	66.0	32.3	64.6
2004	43.6	41.4	61.3	71.5	27.5	45.1
2003	43.9	41.7	61.9	69.0	36.4	35.9
2002	47.0	45.9	53.9	69.6	39.4	57.6
2001	47.7	46.2	55.4	79.6	44.3	51.1
2000	51.7	50.8	51.2	82.4	55.3	46.1

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

Indicator	ARIZONA RESIDENTS	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
Figure 5-5. - Chronic lower respiratory diseases						
2005	46.8	49.6	31.6	43.9	12.0	17.9
2004	41.9	45.1	22.7	24.9	10.8	21.6
2003	45.4	48.3	28.7	30.3	19.4	15.5
2002	47.0	50.4	25.2	38.3	22.3	24.5
2001	46.9	51.0	17.7	37.9	26.8	21.4
2000	47.4	51.1	24.4	30.4	21.9	12.7
Figure 5-6. - Malignant neoplasms (cancer)						
2005	161.8	162.4	165.9	217.9	122.2	112.7
2004	164.7	165.4	161.6	227.7	139.3	111.0
2003	169.4	171.2	168.5	218.5	120.7	132.9
2002	168.6	172.4	156.3	222.7	117.6	116.5
2001	169.2	173.1	155.6	213.0	121.7	147.0
2000	170.4	174.8	156.9	216.1	123.0	103.4
Figure 5-7. - Lung cancer						
2005	43.0	45.9	29.0	53.0	6.5	19.7
2004	45.4	48.2	29.4	61.4	17.3	21.5
2003	47.4	50.6	33.5	59.4	13.2	21.9
2002	46.6	50.1	27.7	61.2	13.1	24.7
2001	44.5	47.6	29.2	55.7	9.8	41.7
2000	46.1	49.1	31.6	65.8	8.9	29.6
Figure 5-8. - Breast cancer						
2005	20.7	20.5	19.8	35.7	14.9	17.3
2004	21.4	21.4	18.0	32.2	18.4	35.2
2003	22.1	22.3	18.9	41.2	16.4	19.6
2002	22.2	22.5	18.7	42.3	9.6	17.7
2001	23.6	24.7	17.5	55.8	11.7	12.7
2000	25.4	26.2	20.7	29.5	12.1	12.8
Figure 5-9. - Cervical cancer						
2005	2.1	1.8	4.1	1.4	3.4	4.6
2004	2.2	1.6	5.0	2.8	2.0	3.6
2003	2.2	1.0	1.8	6.8	4.2	10.5
2002	2.2	1.9	3.7	2.0	4.7	2.0
2001	2.8	2.5	3.9	3.5	5.4	0.0
2000	3.0	2.5	3.7	7.6	10.1	3.5
Figure 5-10. - Colorectal cancer						
2005	15.4	15.2	17.6	27.0	7.5	12.5
2004	15.3	15.5	13.1	27.3	9.3	11.0
2003	17.9	17.9	21.2	26.3	6.3	3.0
2002	16.5	16.9	16.2	26.4	9.1	9.7
2001	16.7	16.9	16.6	27.4	7.2	10.6
2000	17.0	17.4	16.4	16.3	8.2	6.6

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

Indicator	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						
2005	23.8	23.5	30.6	20.4	23.5	5.1
2004	24.0	22.6	35.0	54.6	31.2	6.1
2003	25.1	25.2	22.4	41.2	21.0	7.6
2002	24.8	24.1	35.3	48.6	12.5	8.4
2001	24.3	24.1	26.3	45.0	14.0	24.2
2000	28.4	28.0	30.0	74.8	27.1	8.9
Figure 5-12. - Influenza and pneumonia						
2005	22.3	20.5	26.5	21.6	72.0	17.5
2004	20.1	19.4	20.7	12.0	32.7	10.5
2003	23.4	21.8	27.9	30.4	58.9	16.4
2002	25.0	24.3	26.1	29.2	51.7	13.2
2001	21.9	21.3	26.1	14.8	43.0	15.0
2000	24.4	23.3	30.1	26.9	48.2	11.9
Figure 5-13. - Diabetes						
2005	20.1	15.5	46.0	55.2	69.9	17.8
2004	20.7	16.8	43.5	44.8	59.0	30.0
2003	20.3	16.5	39.1	53.6	55.8	15.7
2002	22.3	18.0	45.6	41.0	80.8	21.9
2001	19.9	15.4	42.9	55.7	72.8	14.8
2000	19.0	14.9	41.1	46.0	74.6	19.5
Figure 5-14. - Chronic liver disease and cirrhosis						
2005	12.7	10.7	19.4	12.8	51.2	4.9
2004	11.1	8.4	18.6	6.7	51.0	3.8
2003	11.5	9.7	17.6	3.5	38.8	3.3
2002	12.1	9.9	21.6	9.8	40.5	5.3
2001	12.3	10.6	17.4	11.7	39.1	4.0
2000	12.8	10.4	15.8	6.6	61.7	4.1
Figure 5-15. - HIV disease						
2005	2.4	2.0	2.5	9.2	3.1	0.5
2004	2.8	2.3	3.1	14.6	3.5	0.8
2003	3.2	2.8	4.3	8.1	3.6	1.7
2002	3.1	2.5	3.2	14.3	5.5	0.0
2001	3.1	2.6	3.2	11.2	5.5	1.1
2000	3.2	3.1	3.4	9.6	1.8	0.0
Figure 5-16. - Septicemia						
2005	8.4	7.3	13.0	18.2	18.2	6.2
2004	8.0	6.6	14.4	16.0	21.5	4.6
2003	8.4	7.1	12.6	11.3	25.8	6.8
2002	8.3	7.3	10.5	14.8	23.4	0.0
2001	7.2	6.0	10.7	13.6	21.8	3.2
2000	6.7	6.0	9.9	6.2	21.5	1.3

5. MORTALITY FROM NATURAL CAUSES - Chronic or Infectious Diseases (continued)

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

Indicator	ARIZONA RESIDENTS	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
Figure 5-17. - Alzheimer's disease						
2005	32.7	33.0	31.3	42.7	16.2	30.2
2004	31.3	32.0	26.6	42.8	8.0	17.1
2003	32.5	33.4	28.2	43.3	5.6	11.4
2002	28.0	28.9	24.7	25.1	8.8	17.4
2001	22.5	23.5	14.7	21.5	12.7	14.6
2000	21.8	22.5	18.9	20.5	7.2	7.8
Figure 5-18. - Nephritis, nephrotic syndrome and nephrosis (kidney disease)						
2005	10.4	8.5	22.5	19.8	31.4	9.2
2004	11.0	8.9	21.5	26.6	30.2	16.0
2003	10.1	8.4	18.4	20.9	24.7	16.0
2002	11.3	9.7	21.6	20.8	25.8	4.7
2001	12.0	9.9	22.6	23.5	33.5	8.4
2000	11.7	10.1	22.1	26.9	22.6	5.0
Figure 5-19. - Essential (primary) hypertension						
2005	6.8	5.9	13.2	15.6	15.8	6.8
2004	7.3	6.2	11.9	27.0	13.2	6.0
2003	6.3	6.0	7.9	14.5	5.4	9.4
2002	5.6	5.4	7.3	12.5	4.9	5.1
2001	5.9	5.5	8.7	13.8	3.4	11.8
2000	5.6	5.2	7.3	11.2	10.8	5.8
Figure 5-20. - Total mortality from all causes						
2005	772.5	744.6	849.2	1053.1	1006.6	629.5
2004	757.3	734.6	834.0	1021.7	879.2	557.5
2003	784.0	764.9	839.5	1048.6	900.7	497.2
2002	796.4	786.7	811.1	951.5	975.1	560.4
2001	791.2	778.1	787.6	1050.6	1010.5	560.7
2000	785.6	776.6	769.9	1057.5	1011.4	504.1

6. MORTALITY FROM INJURIES

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

Indicator	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						
2005	51.1	46.2	54.8	64.3	117.8	34.2
2004	46.0	43.3	48.9	45.9	103.9	21.2
2003	44.8	40.9	44.7	52.4	108.6	25.3
2002	45.2	41.5	45.5	44.0	111.0	15.5
2001	46.6	42.5	45.6	52.6	112.7	29.9
2000	41.1	36.9	41.6	49.7	113.1	24.1

6. MORTALITY FROM INJURIES (continued)

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

Indicator	ARIZONA RESIDENTS	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
Figure 6-2. - Motor vehicle-related injuries						
2005	18.9	15.0	22.7	24.9	62.6	10.2
2004	18.1	15.3	23.2	14.8	54.1	11.3
2003	18.0	14.6	21.3	15.2	59.0	11.8
2002	18.5	14.7	21.1	11.9	65.9	10.1
2001	17.2	13.5	18.2	19.1	63.2	8.6
2000	17.5	13.8	18.2	19.3	74.2	15.3
Figure 6-3. - Fall-related injuries						
2005	12.0	11.9	12.1	6.5	10.4	15.0
2004	9.6	9.5	8.7	8.8	14.9	3.3
2003	8.8	9.0	5.5	6.3	12.7	7.5
2002	8.6	8.7	6.6	4.9	12.9	2.7
2001	8.9	8.9	7.8	8.8	11.3	8.3
2000	7.6	7.6	8.9	5.2	6.0	3.9
Figure 6-4. - Drowning mortality						
2005	1.4	1.1	1.3	2.9	3.4	3.2
2004	1.8	1.6	1.6	4.1	3.0	1.7
2003	1.5	1.3	1.5	2.7	2.5	0.5
2002	1.2	1.3	1.2	0.5	1.3	1.9
2001	1.6	1.8	1.3	1.5	1.2	4.0
2000	1.7	1.6	1.2	3.3	3.8	1.1
Figure 6-5. - Injury by firearms						
2005	15.2	12.0	18.4	23.4	15.6	7.5
2004	15.0	13.2	16.8	23.7	12.6	1.4
2003	14.8	12.7	15.7	23.2	15.6	1.8
2002	17.3	16.2	17.0	19.1	14.6	5.8
2001	15.5	13.9	15.8	25.3	11.8	9.0
2000	15.3	13.9	14.9	25.7	12.2	11.1
Figure 6-6. - Drug-induced deaths						
2005	13.8	14.8	10.6	28.4	12.4	2.1
2004	13.3	14.7	9.4	14.7	14.5	0.8
2003	12.0	12.8	10.5	23.5	8.5	0.0
2002	12.2	13.1	9.8	19.8	13.1	0.0
2001	11.3	12.4	9.4	13.8	9.3	0.9
2000	6.8	7.3	5.0	9.6	6.7	0.0
Figure 6-7. - Alcohol-induced deaths						
2005	11.2	9.9	11.0	6.7	51.1	7.2
2004	10.0	8.0	9.8	7.3	55.4	3.8
2003	10.1	8.3	10.2	6.8	49.3	0.0
2002	9.3	8.2	9.9	10.3	39.4	0.9
2001	8.4	6.8	9.1	7.9	41.5	1.1
2000	8.7	6.8	8.6	6.1	56.1	1.3

6. MORTALITY FROM INJURIES (continued)

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

Indicator	ARIZONA RESIDENTS	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
Figure 6-8. - Intentional self-harm (suicide)						
2005	15.4	16.6	10.5	3.3	17.5	11.7
2004	14.9	16.6	9.8	12.1	17.0	4.0
2003	14.6	16.4	8.2	11.3	15.2	6.0
2002	15.9	18.3	8.3	6.2	17.9	4.1
2001	14.9	12.8	5.9	9.2	15.4	9.4
2000	14.6	16.7	7.2	6.5	16.2	5.7
Figure 6-9. - Assault (homicide)						
2005	8.2	3.5	14.6	27.4	14.0	5.1
2004	8.2	4.8	13.6	22.3	14.7	1.4
2003	8.3	3.7	14.7	24.9	18.8	5.4
2002	8.6	4.4	15.1	21.3	20.3	3.3
2001	8.7	4.3	15.5	22.2	17.2	4.9
2000	7.6	3.9	13.0	22.7	14.9	7.6

7. AGE-SPECIFIC MORTALITY

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

Indicator	ARIZONA RESIDENTS	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
Figure 7-1. - Mortality of children 1-14 years old						
2005	22.7	17.4	26.3	35.7	33.4	18.7
2004	20.4	17.2	21.0	39.2	32.1	9.7
2003	24.3	21.8	22.1	42.5	45.3	9.2
2002	23.7	18.3	25.0	32.6	55.8	15.5
2001	28.8	23.9	26.3	43.2	71.0	31.9
2000	25.3	20.8	27.4	37.2	48.2	22.0
Figure 7-2. - Mortality of adolescents and young adults 15-19 years old						
2005	80.1	68.6	89.2	88.7	137.0	24.6
2004	80.8	64.9	91.1	150.9	134.5	25.4
2003	75.4	51.6	87.5	89.5	196.2	36.2
2002	83.2	64.8	93.8	107.5	195.8	24.3
2001	86.6	70.2	82.7	73.2	265.2	61.9
2000	78.9	68.6	74.0	149.5	171.2	0.0
Figure 7-3. - Mortality among adults 20-44 years old						
2005	140.9	122.1	140.7	227.3	348.3	61.3
2004	141.0	130.8	134.0	209.0	293.3	59.7
2003	151.1	139.6	139.1	220.4	345.8	56.8
2002	154.7	143.4	148.5	212.3	350.3	48.6
2001	158.2	145.2	147.5	250.1	373.2	60.6
2000	156.5	173.1	136.3	212.3	403.1	93.3

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

Indicator	ARIZONA RESIDENTS	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
Figure 7-4. - Mortality among adults 45-65 years old						
2005	673.1	654.2	631.6	1,103.80	1,077.00	313.1
2004	649.1	633.9	592.2	1032.2	1019.2	375.8
2003	653.7	651.1	593.5	909.7	914.9	292.2
2002	654.8	656.7	588.5	878.8	1025.6	258.9
2001	632.1	631.9	545.9	996.1	981.4	312.2
2000	633.9	636.8	540.5	929.9	994.2	276.1

8. PREMATURE MORTALITY

Indicator	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						
2005	77.0	79.0	65.0	64.0	59.0	72.0
2004	76.0	78.0	65.0	64.0	58.0	69.0
2003	76.0	78.0	66.0	66.0	56.0	70.0
2002	76.0	78.0	65.0	65.0	57.0	74.0
2001	76.0	78.0	65.0	63.0	56.0	68.5
2000	76.0	77.0	66.0	66.0	57.5	68.0
Figure 8-2. - Median age at death from all causes among males						
2005	74.0	76.0	61.0	58.0	54.0	71.0
2004	73.0	75.0	60.0	59.0	53.0	68.0
2003	73.0	75.0	60.0	60.0	51.0	70.0
2002	73.0	75.0	59.0	60.0	52.0	72.0
2001	73.0	75.0	59.0	58.0	49.0	68.0
2000	73.0	75.0	60.0	61.0	52.0	67.0
Figure 8-3. - Median age at death from all causes among females						
2005	80.0	81.0	71.0	71.0	66.0	73.0
2004	80.0	81.0	72.0	70.0	64.0	70.0
2003	80.0	81.0	72.0	71.0	65.0	71.0
2002	79.0	80.0	72.0	72.0	64.0	75.0
2001	79.0	80.0	71.0	69.0	65.0	69.0
2000	79.0	80.0	71.0	71.0	65.0	68.0
Figure 8-4. - Percent of total deaths before expected years of life reached						
2005	52.7	47.9	71.3	75.1	78.4	65.1
2004	53.0	48.3	71.5	74.3	80.3	64.3
2003	50.8	46.1	70.0	70.6	78.4	65.7
2002	50.2	45.6	70.3	71.7	78.3	59.8
2001	51.0	46.2	71.2	73.0	79.1	69.9
2000	51.6	47.3	70.5	69.3	78.7	69.6

9. REPORTABLE DISEASES

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

Indicator	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						
2005	5.1	2.9	8.6	16.5	10.6	2.6
2004	6.5	3.1	9.6	16.6	14.9	0.9
2003	7.4	4.2	9.7	18.2	20.1	0.9
2002	7.3	2.5	12.6	40.2	16.1	0.9
2001	8.4	2.6	16.6	52.4	15.1	0.0
2000	8.5	3.2	15.4	60.4	12.1	3.0
Figure 9-2. - Incidence of gonorrhea						
2005	81.9	31.5	95.0	395.7	142.6	14.6
2004	70.1	32.5	84.6	376.8	142.7	12.3
2003	63.5	33.4	71.4	359.7	103.1	15.3
2002	68.9	30.5	98.6	432.0	107.7	11.3
2001	73.9	32.4	99.7	558.5	115.5	10.8
2000	80.0	29.5	111.8	630.8	105.1	22.2
Figure 9-3. - Incidence of chlamydia						
2005	352.0	121.9	468.5	778.1	827.6	99.7
2004	289.2	115.7	413.6	676.8	872.7	110.6
2003	227.1	100.7	329.1	537.6	623.9	86.4
2002	272.2	113.2	453.3	700.0	716.9	104.7
2001	270.4	116.5	466.4	756.7	738.9	113.7
2000	243.9	96.7	350.3	686.2	844.1	89.9
Figure 9-4. - Incidence of genital herpes						
2005	19.7	13.0	18.7	30.9	29.5	5.2
2004	20.5	13.3	18.4	29.8	36.2	8.9
2003	16.2	11.8	14.3	23.1	30.4	7.6
2002	21.0	16.2	19.7	45.0	35.9	7.67
2001	22.1	17.7	23.8	43.3	27.9	13.7
2000	21.8	15.8	17.1	47.8	33.6	7.1
Figure 9-5. - Incidence of HIV/HIV/AIDS						
2005	12.8	10.1	16.0	41.6	15.1	6.9
2004	10.9	8.2	13.9	45.3	10.3	7.1
2003	11.3	11.4	7.4	42.5	11.3	4.2
2002	8.1	6.7	8.5	33.0	10.9	2.8
2001	7.0	6.4	6.3	29.4	6.8	3.9
2000	6.9	6.4	7.3	23.3	9.0	5.0

SCORES IN 2005

SCORES IN 2005

(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	-51.7	69.7	33.0	24.8	-50.5
1-2	Pregnancies among females 14 and younger	-72.7	100.0	45.5	36.4	-72.7
1-3	Pregnancies among females 15-17 years old	-61.9	86.4	32.0	40.7	-58.6
1-4	Pregnancies among females 18-19 years old	-46.8	63.0	39.8	32.2	-54.1
	TOTAL SCORE	-233.1	319.2	150.2	134.0	-235.9
	AVERAGE SCORE	-58.3	79.8	37.6	33.5	-59.0

2. MATERNAL LIFESTYLE AND HEALTH CHARACTERISTICS

Figure No.	Indicator	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2-1	Unmarried mothers	-39.0	26.9	44.6	70.3	-60.3
2-2	Tobacco use during pregnancy	72.2	-64.8	42.6	-37.0	-59.3
2-3	Alcohol use during pregnancy	37.5	-62.5	-12.5	175.0	-50.0
2-4	Chronic hypertension	25.0	-25.0	150.0	150.0	25.0
2-5	Dysfunctional labor	16.7	-33.3	-16.7	150.0	25.0
2-6	Anemia during pregnancy	0.0	-25.0	75.0	180.0	-20.0
2-7	Diabetes during pregnancy	-26.7	-3.3	-23.3	173.3	56.7
2-8	Pregnancy associated hypertension	22.6	-32.3	-3.2	87.1	-22.6
2-9	Genital herpes during pregnancy	71.4	-57.1	57.1	-28.6	0.0
2-10	Weight gain of less than 21 pounds	-30.7	23.4	14.3	32.8	-23.4
	TOTAL SCORE	149.0	-253.2	328.0	952.9	-128.8
	AVERAGE SCORE	14.9	-25.3	32.8	95.3	-12.9

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	-44.8	36.8	9.4	43.9	-38.6
3-2	Fewer than five prenatal visits	-56.9	40.0	9.2	93.8	-46.2
3-3	No prenatal care	-65.2	56.5	13.0	30.4	-56.5
	TOTAL SCORE	-167.0	133.3	31.6	168.2	-141.2
	AVERAGE SCORE	-55.7	44.4	10.5	56.1	-47.1

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	33.3	-66.7	66.7	0.0	-33.3
4-2	Newborn intensive care	14.0	-10.5	29.8	-10.5	-5.3
4-3	Born too early (preterm or < 37 weeks)	1.9	-5.6	53.3	-0.9	-4.7
4-4	Born too small: low-birthweight (<2,500 grams)	0.0	-7.2	82.6	5.8	15.9
4-5	Born too small: very low-birthweight (<1,500 grams)	-8.3	0.0	108.3	-8.3	0.0
4-6	Incidence of congenital anomalies (birth defects)	0.0	-10.0	-10.0	50.0	20.0
4-7	Infant mortality	-8.8	2.9	88.2	22.1	-22.1
4-8	Sudden Infant Death Syndrome (SIDS)	0.0	0.0	100.0	100.0	133.3
4-9	Mortality of infants from low birthweight/short gestation	-37.5	50.0	50.0	-37.5	-100.0
4-10	Neonatal mortality	-6.8	11.4	25.0	-2.3	-27.3
4-11	Postneonatal mortality	-12.5	-12.5	204.2	66.7	-12.5
	TOTAL SCORE	-24.7	-48.2	798.1	185.0	-35.8
	AVERAGE SCORE	-2.2	-4.4	72.6	16.8	-3.3

5. MORTALITY FROM NATURAL CAUSES - Chronic or infectious diseases

Figure No.	Indicator	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
5-1	Cardiovascular diseases	-1.8	8.3	39.7	-4.1	-1.1
5-2	Diseases of the heart	-0.9	1.4	33.9	-4.2	-14.5
5-3	Coronary heart disease	-0.4	-0.5	42.9	-9.6	-23.1
5-4	Cerebrovascular disease	-4.4	25.6	62.6	-20.4	59.1
5-5	Chronic lower respiratory diseases	6.0	-32.5	-6.2	-74.4	-61.8
5-6	Malignant neoplasms (cancer)	0.4	2.5	34.7	-24.5	-30.3
5-7	Lung cancer	6.7	-32.6	23.3	-84.9	-54.2
5-8	Breast cancer	-1.0	-4.3	72.5	-28.0	-16.4
5-9	Cervical cancer	-14.3	95.2	-33.3	61.9	119.0
5-10	Colorectal cancer	-1.3	14.3	75.3	-51.3	-18.8
5-11	Prostate cancer	-1.3	28.6	-14.3	-1.3	-78.6
5-12	Influenza and pneumonia	-8.1	18.8	-3.1	222.9	-21.5
5-13	Diabetes	-22.9	128.9	174.6	247.8	-11.4
5-14	Chronic liver disease and cirrhosis	-15.7	52.8	0.8	303.1	-61.4
5-15	HIV disease	-16.7	4.2	283.3	29.2	-79.2
5-16	Septicemia	-13.1	54.8	116.7	116.7	-26.2
5-17	Alzheimer's disease	0.9	-4.3	30.6	-50.5	-7.6
5-18	Nephritis, nephrotic syndrome and nephrosis (kidney disease)	-18.3	116.3	90.4	201.9	-11.5
5-19	Essential (primary) hypertension	-13.2	94.1	129.4	132.4	0.0
5-20	Total mortality from all causes	-3.6	9.9	36.3	30.3	-18.5
	TOTAL SCORE	-122.9	581.6	1,190.0	993.0	-358.1
	AVERAGE SCORE	-6.1	29.1	59.5	49.7	-17.9

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	-9.6	7.2	25.8	130.5	-33.1
6-2	Motor vehicle-related injuries	-20.6	20.1	31.7	231.2	-46.0
6-3	Fall-related injuries	-0.8	0.8	-45.8	-13.3	25.0
6-4	Drowning mortality	-21.4	-7.1	107.1	142.9	128.6
6-5	Injury by firearms	-21.1	21.1	53.9	2.6	-50.7
6-6	Drug-induced deaths	7.2	-23.2	105.8	-10.1	-84.8
6-7	Alcohol-induced deaths	-11.6	-1.8	-40.2	356.3	-35.7
6-8	Intentional self-harm (suicide)	7.8	-31.8	-78.6	13.6	-24.0
6-9	Assault (homicide)	-57.3	78.0	234.1	70.7	-37.8
	TOTAL SCORE	-127.4	63.3	394.0	924.4	-158.5
	AVERAGE SCORE	-14.2	7.0	43.8	102.7	-17.6

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 of children 1-14 years old	-23.3	15.9	57.3	47.1	-17.6
7-2	Mortality of adolescents and young adults 15-19 years old	-14.4	11.4	10.7	71.0	-69.3
7-3	Mortality among adults 20-44 years old	-13.3	-0.1	61.3	147.2	-56.5
7-4	Mortality among adults 45-65 years old	-2.8	-6.2	64.0	60.0	-53.5
	TOTAL SCORE	-53.9	20.9	193.3	325.4	-196.9
	AVERAGE SCORE	-13.5	5.2	48.3	81.3	-49.2

8. PREMATURE MORTALITY

Figure No.	Indicator	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
8-1	Median age at death from all causes	-2.6	15.6	16.9	23.4	6.5
8-2	Median age at death from all causes among males	-2.7	17.6	21.6	27.0	4.1
8-3	Median age at death from all causes among females	-1.3	11.3	11.3	17.5	8.8
8-4	Percent of total deaths before expected years of life reached	-9.1	35.3	42.5	48.8	23.5
	TOTAL SCORE	-15.7	79.7	92.3	116.7	42.8
	AVERAGE SCORE	-3.9	19.9	23.1	29.2	10.7

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	-43.1	68.6	223.5	107.8	-49.0
9-2	Incidence of gonorrhea	-61.5	16.0	383.2	74.1	-82.2
9-3	Incidence of chlamydia	-65.4	33.1	121.1	135.1	-71.7
9-4	Incidence of genital herpes	-34.0	-5.1	56.9	49.7	-73.6
9-5	Incidence of HIV/HIV/AIDS	-21.1	25.0	225.0	18.0	-46.1
	TOTAL SCORE	-225.1	137.6	1,009.6	384.8	-322.6
	AVERAGE SCORE	-45.0	27.5	201.9	77.0	-64.5

OVERALL HEALTH STATUS (ALL 70 INDICATORS)

		White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
	TOTAL SCORE	-820.9	1034.2	4187.1	4184.4	-1534.9
	AVERAGE SCORE	-11.7	14.8	59.8	59.8	-21.9

RANKING ORDER IN 2005

RANK ORDER IN 2005

(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	1.0	5.0	4.0	3.0	2.0
1-2	Pregnancies among females 14 and younger	1.5	5.0	4.0	3.0	1.5
1-3	Pregnancies among females 15-17 years old	1.0	5.0	3.0	4.0	2.0
1-4	Pregnancies among females 18-19 years old	2.0	5.0	4.0	3.0	1.0
	SUM OF RANKS	5.5	20.0	15.0	13.0	6.5
	AVERAGE RANK	1.4	5.0	3.8	3.3	1.6

2. MATERNAL LIFESTYLE AND HEALTH CHARACTERISTICS

Figure No.	Indicator	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2-1	Unmarried mothers	2.0	3.0	4.0	5.0	1.0
2-2	Tobacco use during pregnancy	5.0	1.0	4.0	3.0	2.0
2-3	Alcohol use during pregnancy	4.0	1.0	3.0	5.0	2.0
2-4	Chronic hypertension	2.5	1.0	4.5	4.5	2.5
2-5	Dysfunctional labor	3.0	1.0	2.0	5.0	4.0
2-6	Anemia during pregnancy	3.0	1.0	4.0	5.0	2.0
2-7	Diabetes during pregnancy	1.0	3.0	2.0	5.0	4.0
2-8	Pregnancy associated hypertension	4.0	1.0	3.0	5.0	2.0
2-9	Genital herpes during pregnancy	5.0	1.0	4.0	2.0	3.0
2-10	Weight gain of less than 21 pounds	1.0	4.0	3.0	5.0	2.0
	SUM OF RANKS	30.5	17.0	33.5	44.5	24.5
	AVERAGE RANK	3.1	1.7	3.4	4.5	2.5

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	1.0	5.0	3.0	4.0	2.0
	SUM OF RANKS	3.0	13.0	9.0	14.0	6.0
	AVERAGE RANK	1.0	4.3	3.0	4.7	2.0

4. NEWBORN'S HEALTH

Figure No.	Indicator	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
4-1	Hyaline membrane disease	4.0	1.0	5.0	3.0	2.0
4-2	Newborn intensive care	4.0	1.5	5.0	1.5	3.0
4-3	Born too early (preterm or < 37 weeks)	4.0	1.0	5.0	3.0	2.0
4-4	Born too small: low-birthweight (<2,500 grams)	2.0	1.0	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)	3.0	1.5	1.5	5.0	4.0
4-7	Infant mortality	2.0	3.0	5.0	4.0	1.0
4-8	Sudden Infant Death Syndrome (SIDS)	1.5	1.5	3.5	3.5	5.0
4-9	Mortality of infants from low birthweight/short gestation	2.5	4.5	4.5	2.5	1.0
4-10	Neonatal mortality	2.0	4.0	5.0	3.0	1.0
4-11	Postneonatal mortality	2.0	2.0	4.0	3.0	2.0
	SUM OF RANKS	28.5	24.5	48.5	33.0	28.5
	AVERAGE RANK	2.6	2.2	4.4	3.0	2.6

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	2.0	4.0	5.0	1.0	3.0
5-2	Diseases of the heart	3.0	4.0	5.0	2.0	1.0
5-3	Coronary heart disease	4.0	3.0	5.0	2.0	1.0
5-4	Cerebrovascular disease	2.0	3.0	4.0	1.0	5.0
5-5	Chronic lower respiratory diseases	5.0	3.0	4.0	1.0	2.0
5-6	Malignant neoplasms (cancer)	3.0	4.0	5.0	2.0	1.0
5-7	Lung cancer	4.0	3.0	5.0	1.0	2.0
5-8	Breast cancer	4.0	3.0	5.0	1.0	2.0
5-9	Cervical cancer	2.0	4.0	1.0	3.0	5.0
5-10	Colorectal cancer	3.0	4.0	5.0	1.0	2.0
5-11	Prostate cancer	4.0	5.0	2.0	3.0	1.0
5-12	Influenza and pneumonia	2.0	4.0	3.0	5.0	1.0
5-13	Diabetes	1.0	3.0	4.0	5.0	2.0
5-14	Chronic liver disease and cirrhosis	2.0	4.0	3.0	5.0	1.0
5-15	HIV disease	2.0	3.0	5.0	4.0	1.0
5-16	Septicemia	2.0	3.0	4.5	4.5	1.0
5-17	Alzheimer's disease	4.0	3.0	5.0	1.0	2.0
5-18	Nephritis, nephrotic syndrome and nephrosis (kidney disease)	1.0	4.0	3.0	5.0	2.0
5-19	Essential (primary) hypertension	1.0	3.0	4.0	5.0	2.0
5-20	Total mortality from all causes	2.0	3.0	5.0	4.0	1.0
	SUM OF RANKS	53.0	70.0	82.5	56.5	38.0
	AVERAGE RANK	2.7	3.5	4.1	2.8	1.9

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	2.0	3.0	4.0	5.0	1.0
6-2	Motor vehicle-related injuries	2.0	3.0	4.0	5.0	1.0
6-3	Fall-related injuries	3.0	4.0	1.0	2.0	5.0
6-4	Drowning mortality	1.0	2.0	3.0	5.0	4.0
6-5	Injury by firearms	2.0	4.0	5.0	3.0	1.0
6-6	Drug-induced deaths	4.0	2.0	5.0	3.0	1.0
6-7	Alcohol-induced deaths	3.0	4.0	1.0	5.0	2.0
6-8	Intentional self-harm (suicide)	4.0	2.0	1.0	5.0	3.0
6-9	Assault (homicide)	1.0	4.0	5.0	3.0	2.0
	SUM OF RANKS	22.0	28.0	29.0	36.0	20.0
	AVERAGE RANK	2.4	3.1	3.2	4.0	2.2

7. AGE-SPECIFIC MORTALITY

Figure No.	Indicator	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
7-1	Mortality of children 1-14 years old	1.0	3.0	4.0	5.0	2.0
7-2	Mortality of adolescents and young adults 15-19 years old	2.0	4.0	3.0	5.0	1.0
7-3	Mortality among adults 20-44 years old	2.0	3.0	4.0	5.0	1.0
7-4	Mortality among adults 45-65 years old	3.0	2.0	5.0	4.0	1.0
	SUM OF RANKS	8.0	12.0	16.0	19.0	5.0
	AVERAGE RANK	2.0	3.0	4.0	4.8	1.3

8. PREMATURE MORTALITY

Figure No.	Indicator	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
8-1	Median age at death from all causes	1.0	3.0	4.0	5.0	2.0
8-2	Median age at death from all causes among males	1.0	3.0	4.0	5.0	2.0
8-3	Median age at death from all causes among females	1.0	3.5	3.5	5.0	2.0
8-4	Percent of total deaths before expected years of life reached	1.0	3.0	4.0	5.0	2.0
	SUM OF RANKS	4.0	12.5	15.5	20.0	8.0
	AVERAGE RANK	1.0	3.1	3.9	5.0	2.0

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

Figure No.	Indicator	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
9-1	Incidence of early syphilis	2.0	3.0	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 genital herpes	2.0	3.0	5.0	4.0	1.0
9-5	Incidence of HIV/HIV/AIDS	2.0	4.0	5.0	3.0	1.0
	SUM OF RANKS	10.0	16.0	24.0	20.0	5.0
	AVERAGE RANK	2.0	3.2	4.8	4.0	1.0

OVERALL HEALTH STATUS (ALL 70 INDICATORS)

		White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
	SUM OF ALL RANKS FOR 70 MEASUREMENTS	164.5	213.0	273.0	253.0	141.5
	AVERAGE RANKS BASED ON 70 MEASUREMENTS	2.4	3.0	3.9	3.7	2.0

DATA SOURCES AND DEFINITIONS

SOURCES OF DATA

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

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

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

In order to obtain the 2005 population denominators, the 2000 percentages of population breakdowns (or census shares) by race/ethnicity, age group and gender were applied to total state population estimates released by the Arizona Department of Economic Security on 2/23/06 at http://www.workforce.az.gov/admin/UploadedPublications/1943_EEC05.pdf. The total for all groups includes racial/ethnic groups other than White non-Hispanic, Hispanic, Black, American Indian and Asian

Almost all figures are based on rates and ratios published in the *2005 Arizona Health Status and Vital Statistics* report and available online at <http://www.azdhs.gov/plan/report/ahs/ahs2005/toc05.htm>

DEFINITIONS

1. TEEN PREGNANCIES

Figure No.	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 No.	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 No.	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 No.	Indicator	Definition
4-1	Incidence of hyaline membrane disease	The number of cases of hyaline membrane disease per 100 births. Hyaline membrane disease = a disorder primarily of prematurity, manifested clinically by respiratory distress and pathologically by pulmonary hyaline membranes and incomplete expansion of the lungs at birth.
4-2	Incidence of newborn intensive care	The number of babies admitted to Newborn Intensive Care units per 100 births.
4-3	Born too early (preterm or < 37 weeks)	The number of births before 37 weeks of gestation per 100 births. Preterm = any neonate whose birth occurs through the end of the last day of the 37 th week (259 th day), following onset of the last menstrual period.
4-4	Born too small: low-birthweight (<2,500 grams)	The number of newborns weighing less than 2,500 grams per 100 births. Low-birthweight = any neonate weighing less than 2,500 grams at birth (less than 5 pounds 8 ounces).
4-5	Born too small: very low-birthweight (<1,500 grams)	The number of newborns weighing less than 1,500 grams per 100 births. Very low-birthweight = any neonate whose weight at birth is 1,500 grams or less (less than 3 pounds 5 ounces).
4-6	Incidence of congenital anomalies (birth defects)	The numbers of babies born with birth defects per 100 births.

4-7	Infant mortality	The number of infant deaths per 1,000 live births. Infant death = any death at any time from birth up to, but not including, the first year of age (364 days, 23 hours, 59 minutes from the moment of birth).
4-8	Sudden Infant Death Syndrome (SIDS)	The number of infant deaths from Sudden Infant Death Syndrome (ICD-10 code R95) per 1,000 live births.
4-9	Mortality of infants from low birthweight/short gestation	The number of infant deaths from low- birthweight/short gestation (ICD-10 code P07) per 1,000 live births.
4-10	Neonatal mortality	The number of neonatal deaths per 1,000 live births. Neonatal death = death of a liveborn neonate before the neonate becomes 28 days old (up to and including 27 days, 23 hours, 59 minutes from the moment of birth).
4-11	Postneonatal mortality	The number of postneonatal deaths per 1,000 live births. Postneonatal death = any death of a liveborn infant at least 28 days of age but less than one year of age.

5. MORTALITY FROM NATURAL CAUSES (chronic or infectious diseases)

Figure No.	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 100,00 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 No.	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 No.	Indicators	Definition
7-1	Mortality of children 1-14 years old	The number of deaths per 100,000 children 1-14 years old in 2005
7-2	Mortality of adolescents 15-19 years old	The number of deaths per 100,000 adolescents 15-19 years old in 2005
7-3	Mortality of young adults 20-44 years old	The number of deaths per 100,000 young adults 20-44 years old in 2005
7-4	Mortality of middle-aged adults 45-64 years old	The number of deaths per 100,000 middle-aged adults 45-64 years old in 2005

8. PREMATURE MORTALITY

Figure No.	Indicators	Definition
8-1	Median age at death from all causes	The median age (the age in the middle) of Arizonans who died in 2005.
8-2	Median age at death from all causes among males	The median age (the age in the middle) of Arizona males who died in 2005.
8-3	Median age at death from all causes among females	The median age (the age in the middle) of Arizona females who died in 2005.
8-4	Percent of total deaths before expected years of life reached	The number of deaths before reaching the life expectancy of all U.S. residents per 100 deaths.

9. REPORTABLE DISEASES

Figure No.	Indicators	Definition
9-1	Incidence of early syphilis	Number of reported cases of early syphilis per 100,000 population.
9-2	Incidence of gonorrhea	Number of reported cases of gonorrhea per 100,000 population.
9-3	Incidence of chlamydia	Number of reported cases of chlamydia per 100,000 population.
9-4	Incidence of genital herpes	Number of reported cases of genital herpes per 100,000 population.
9-5	Incidence of HIV/AIDS	Number of reported new cases of HIV/AIDS per 100,000 population. The estimated incidence of HIV/AIDS includes the sum of new HIV cases and new AIDS cases which were not diagnosed as HIV positive in any prior calendar year. The cases of persons who were diagnosed with both HIV and AIDS in the same calendar year are counted only as AIDS to avoid double counting. Due to reporting delays, all counts for 2000-2005 are provisional (2000-2005 volume as of 6/1/2006).

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	2005 population B	2005 deaths C	Age-specific rates in 2005 D (C/B)*100000	2000 standard E	Age-adjusted rate for 2005 F D*E
<1	90,288	653	723.2	.013818	10.0
1-4	355,874	126	35.4	.055317	2.0
5-14	901,395	159	17.6	.145565	2.6
15-24	859,454	837	97.4	.138646	13.5
25-34	878,075	948	108.0	.135573	14.6
35-44	908,919	1,682	185.1	.162613	30.1
45-54	743,196	3,421	460.3	.134834	62.1
55-64	523,189	5,103	975.4	.087247	85.1
65-74	427,639	7,698	1800.1	.066037	118.9
75-84	276,687	12,528	4527.9	.044842	203.0
85+	80,269	11,937	14871.2	.015508	230.6
All ages	6,044,985	45,115		TOTAL	772.5

Age-specific mortality - Number of deaths in a specific age group during a calendar year.

Cause of death - For the purpose of national mortality statistics, every death is attributed to one underlying condition, based on information reported on the death certificate and utilizing the international rules for selecting the underlying cause of death from the reported conditions.

Cause-specific mortality - Number of deaths from a specified cause during a calendar year.

Classification of causes of death - The cause of death used in this report is the underlying cause classified according to the *International Classification of Diseases (ICD)*. Beginning with the 2000 data year in Arizona (1999 nationally), a new revision of the International Classification of Diseases was implemented. The Tenth Revision (ICD-10) has replaced the Ninth Revision (ICD-9), which was in effect since 1979. The measures of comparison between ICD-9 and ICD-10 – the "comparability ratios" – for the causes of death shown in this report are available on the Arizona Vital Statistics web site at http://www.azdhs.gov/plan/report/ahs/ahs2000/pdf/452_455codn.pdf

POPULATION DENOMINATORS

**POPULATION BY RACE/ETHNIC GROUP:
ARIZONA RESIDENTS, 1990, 2000 AND 2005**

Race/ethnic group	1990	2000	2005	Percent increase from 1990 to 2005
All Groups	3,665,228	5,130,632	6,044,985	64.9
White Non-Hispanic	2,607,633	3,274,258	3,922,026	50.4
Hispanic or Latino	688,338	1,295,617	1,527,388	121.9
Black or African American	110,524	158,873	187,507	69.7
American Indian or Alaska Native	203,527	255,879	291,684	43.3
Asian or Pacific Islander	55,026	98,969	116,380	111.5

Note: Data for 1990 and 2000 are the census counts. In order to obtain the 2005 population denominators, the 2000 percentages of population breakdowns (or census shares) by race/ethnicity, age group and gender were applied to total state population estimates released by the Department of Economic Security on 2/23/2006.

ESTIMATED POPULATION BY AGE GROUP, GENDER AND RACE/ETHNICITY, ARIZONA, 2005

	<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Total	
All groups	Total	90,288	355,874	901,395	859,454	878,075	908,919	743,196	523,189	427,639	276,687	80,269	6,044,985
	Male	46,049	181,752	461,342	447,664	456,067	459,564	364,636	249,370	202,376	119,922	27,248	3,015,990
	Female	44,239	174,122	440,053	411,790	422,008	449,355	378,560	273,819	225,263	156,765	53,021	3,028,995
White non-Hispanic	Total	41,862	170,806	467,253	462,041	506,164	609,999	556,605	421,992	364,933	248,219	72,152	3,922,026
	Male	21,363	87,440	240,163	237,201	260,261	306,712	271,834	201,015	173,509	107,595	24,176	1,931,269
	Female	20,499	83,366	227,090	224,840	245,903	303,287	284,771	220,977	191,424	140,624	47,976	1,990,757
Hispanic or Latino	Total	38,030	142,819	317,473	294,815	273,584	205,546	124,126	66,029	41,111	18,879	4,976	1,527,388
	Male	19,485	73,006	162,316	158,898	146,956	107,085	62,481	31,527	18,672	7,906	1,694	790,026
	Female	18,545	69,813	155,157	135,917	126,628	98,461	61,645	34,502	22,439	10,973	3,282	737,362
Black or African American	Total	3,170	12,814	34,754	30,868	30,955	31,825	20,499	11,210	6,935	3,326	1,151	187,507
	Male	1,647	6,656	18,052	16,036	16,084	16,538	10,651	5,832	3,619	1,742	599	97,456
	Female	1,523	6,158	16,702	14,832	14,871	15,287	9,848	5,378	3,316	1,584	552	90,051
American Indian or Alaska Native	Total	5,753	22,948	66,977	53,582	42,557	40,891	27,462	15,900	9,640	4,442	1,532	291,684
	Male	2,860	11,595	33,772	26,970	21,071	19,485	12,838	7,209	4,221	1,831	565	142,417
	Female	2,893	11,353	33,205	26,612	21,486	21,406	14,624	8,691	5,419	2,611	967	149,267
Asian or Pacific Islander	Total	1,473	6,487	14,938	18,148	24,815	20,658	14,504	8,058	5,020	1,821	458	116,380
	Male	694	3,055	7,039	8,559	11,695	9,744	6,832	3,787	2,355	848	214	54,822
	Female	779	3,432	7,899	9,589	13,120	10,914	7,672	4,271	2,665	973	244	61,558

Note: In order to obtain the 2005 population denominators, the 2000 percentages of population breakdowns (or census shares) were applied to total state and county population estimates for 2005 released by the Department of Economic Security on 2/23/2006.

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



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