

# DIFFERENCES IN THE HEALTH STATUS AMONG RACIAL/ETHNIC GROUPS

ARIZONA, 2023

~ Health and Wellness for all Arizonans ~



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# Differences in the Health Status Among Racial/Ethnic Groups, Arizona, 2023

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by

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December 2025

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# **Differences in the Health Status among Racial/Ethnic Groups, Arizona, 2023**

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## PURPOSE

**Differences in Health Status among Racial/Ethnic Groups, Arizona, 2023** is drawn upon information reported to the Department (see Source of Data on page 130). The report provides population-level data concerning differences in the health of five racial/ethnic groups residing in Arizona: White non-Hispanics, Hispanics or Latinos, Blacks or African-Americans, American Indians or Alaska Natives, and Asians or Pacific Islanders including Hawaiians.

The report compares the relative standing of racial/ethnic groups on 67 indicators (prior to the 2013 report there were 70 indicators) or measures of health status. Due to the implementation of the revised birth certificate, the 2023 report will reflect 67 indicators. The indicators are presented in a series of simple, self-explanatory bar charts and are organized around 9 major subject areas.

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

Each bar chart visually describes how the racial/ethnic group compares to other groups and the overall State level for each indicator. These graphic representations are found in **Comparative Measures of Health Status by Race/Ethnicity in 2023** while the tabulated values also are available in the **Comparative Rates and Ratios for 2013-2023** section of the report.

The report also provides comparative risk profiles, as well as scores and rankings of racial/ethnic groups on each of the 67 health status measures. The comparisons of rates and ratios, as well as scores and rankings, are intended to present the extent of the inequalities in health status among racial/ethnic groups in our state and to stimulate viable initiatives to improve the health of **all** Arizonans.

## DEMOGRAPHIC PROFILE OF ARIZONA'S RACIAL/ETHNIC DIVERSITY

The racial and ethnic composition of the population has important consequences for the state's health status because many measures of disease and disability differ significantly by race and ethnicity. Among the estimated 7,525,113 Arizona residents in 2023, approximately 4,137,270 (55.0 percent) were White non-Hispanic, 2,399,468 (31.9 percent) were Hispanic or Latino, Black or African Americans accounted for 388,969 or (5.2 percent), 301,860 (4.0 percent) were Asian or Pacific Islanders, and American Indian or Alaska Natives represented 4.0 percent 297,546 people, of the state's population. Historically, Asian and Pacific Islanders have had the smallest racial group among the racial/ethnic categories in Arizona. Current population projections by the Arizona State Demographer's Office (2023-2060) are showing a trend of an increase in the proportion of the state with people who identify as Asian and Pacific Islanders. The proportion of people who identify as American Indian and Alaska Native is not growing as fast and therefore has moved to the smallest racial/ethnic group within this report. By 2040, projections are showing that the Asian and Pacific Islander population will overtake the current third largest group in 2023, Black or African Americans.

Racial/ethnic minority groups have greater percentages of people younger than 25 years (41.4 percent) when compared with White non-Hispanics (23.6 percent). In contrast, people aged 65 years and older accounted for (26.7 percent) of White non-Hispanics, but only (8.5 percent) of all racial/ethnic minority groups combined. In 2023, among Arizonans less than 25 years old, (59.0 percent) more than half were a race/ethnicity other than White non-Hispanic. Among the Arizona's adults 65 years old or older, (79.4 percent) eight out of ten were White non-Hispanic (**Table A**).

**Table A. POPULATION BY AGE GROUP AND RACE/ETHNICITY, ARIZONA, 2023**

POPULATION BY AGE GROUP IN 2023	All groups	White non-Hispanic	Other than White non-Hispanic <sup>a</sup>				
			Total	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
< 25 years	2,381,248	977,379	1,403,869	1,046,063	150,712	113,932	93,162
Percent	31.6%	23.6%	41.4%	43.6%	38.7%	38.3%	30.9%
25-64 years	3,752,078	2,055,149	1,696,929	1,170,285	201,772	151,754	173,118
Percent	49.9%	49.7%	50.1%	48.8%	51.9%	51.0%	57.4%
65+ years	1,391,787	1,104,742	287,045	183,120	36,485	31,860	35,580
Percent	18.5%	26.7%	8.5%	7.6%	9.4%	10.7%	11.8%
Total, all ages <sup>b</sup>	7,525,113	4,137,270	3,387,843	2,399,468	388,969	297,546	301,860
Percent	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Note: <sup>a</sup> Includes groups other than Hispanic, Black, American Indian, and Asian; <sup>b</sup> Includes unknown age.

Mortality patterns by age group in Arizona show similar contrasts between race/ethnicity groups. In 2023, the elderly (65 years and older) comprised 80.9 percent of the total mortality among White non-Hispanics, compared to 71.2 percent among Asians, 59.1 percent among Hispanics, 55.2 percent among Blacks, and 43.0 percent among American Indians. Only 1.0 percent of White non-Hispanics who died in 2023 were less than 25 years old. In comparison, (5.8 percent) of individuals who were of a racial/ethnic group other than White non-Hispanic died before reaching 25 years of age.

**Table B. MORTALITY BY AGE GROUP AND RACE/ETHNICITY, ARIZONA, 2023**

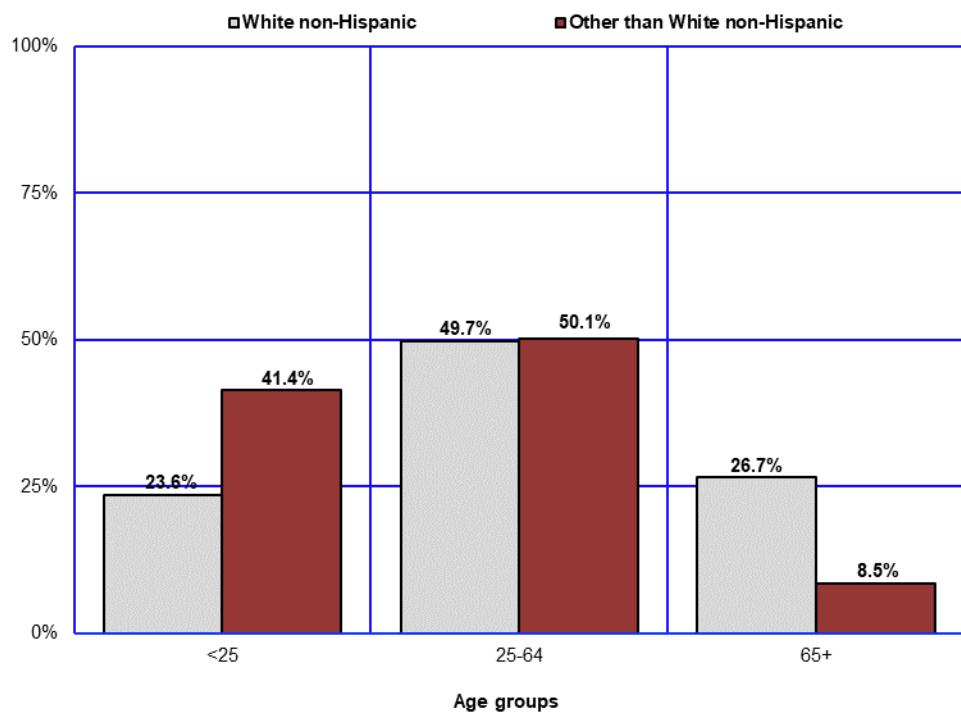
MORTALITY BY AGE GROUP IN 2023	All groups	White non-Hispanic	Other than White non-Hispanic <sup>a</sup>				
			Total	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
<b>&lt; 25 years</b>	1,548	529	1,012	648	170	151	43
<b>Percent</b>	2.2%	1.0%	5.8%	6.3%	5.9%	4.8%	3.8%
<b>25-64 years</b>	15,974	9,257	6,568	3,547	1,112	1,627	282
<b>Percent</b>	23.1%	18.1%	37.8%	34.5%	38.8%	52.1%	25.0%
<b>65+ years</b>	51,483	41,397	9,802	6,073	1,582	1,343	804
<b>Percent</b>	74.6%	80.9%	56.4%	59.1%	55.2%	43.0%	71.2%
<b>Total, all ages<sup>b</sup></b>	69,005	51,183	17,382	10,268	2,864	3,121	1,129
<b>Percent</b>	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Note: <sup>a</sup> Includes groups other than Hispanic, Black, American Indian, and Asian; <sup>b</sup> Includes unknown age; Source: The 2023 death certificate file for Arizona residents.

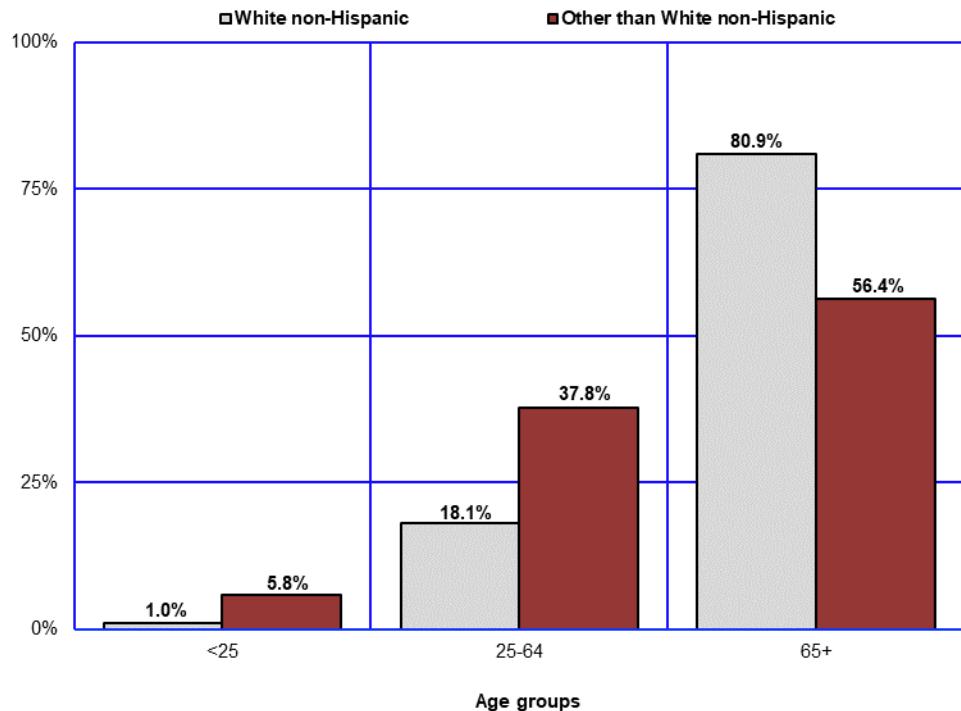
In 2023, the absolute majority of deaths of American Indian (57.0 percent) and Black (44.8 percent) residents of Arizona occurred before the age of 65 years, compared to 19.1 percent among White non-Hispanics.

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

**Percent distribution of population by age group and race/ethnicity, Arizona, 2023**



**Percent distribution of deaths by age group and race/ethnicity, Arizona, 2023**



## METHODS

The 67 indicators presented in this report are individual measures of various dimensions or facets of health status. By calculating overall scores and rankings it is possible to provide a summary measure representing the relative standing of each racial/ethnic group across a broad range of health status issues.

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

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

Scores may have positive (+) or negative (-) values. The above formula produces a score of 0.0 for a group with the same value as the statewide average. A negative score indicates better than average standing on an indicator. A positive score indicates worse than average standing on an indicator.<sup>1</sup>

It is important to note that the unit of analysis in this report is the racial/ethnic group. The aggregate measures of health status (such as teen pregnancy rate, infant mortality rate, mortality rate for drug-induced deaths, the incidence of low-birthweight, etc.) apply to groups and not individuals. In addition, this is a study of the relative, not absolute, healthiness of racial/ethnic groups. The highest ranked 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 2013-2023** are directly comparable to the previously published rates and ratios for 1995, 1997, and 1999. However, the cause-specific mortality rates in section 5 and section 6 CANNOT BE compared to cause-specific mortality rates published in editions of this report prior to 2001. This is because beginning with the 2000 data year in Arizona (1999 nationally) two major changes have occurred that affect the computation of mortality rates and analysis of mortality data over time. First, a new revision of the International Classification of Diseases (ICD) used to classify causes of death was implemented. The Tenth Revision (ICD-10) has replaced the Ninth Revision (ICD-9), which was in effect since 1979. Second, a new population standard for the age adjustment of mortality rates has replaced the standard based on the 1940 population and used since 1943. The new set of age-adjustment weights uses the projected year 2000 U.S. population as a standard. Both changes have profound effects on the comparability of mortality data and continuity in statistical trends. Age-adjusted rates can only be compared to other age-adjusted rates that use the same population standard. In this report, all age-adjusted mortality rates are based on the (new) 2000 standard, and they CANNOT BE compared to rates using the 1940 standard population.

Moreover, some natality trend analyses are compromised due to the adoption on January 1, 2014 of the 2003 U.S. Certificate of live birth, a revised version of the 1989 Standard Certificate of birth.

The revision of the birth certificate has introduced some major changes on several items including but not limited to *month prenatal began, weight gain during pregnancy, tobacco use during pregnancy, and congenital anomalies*. Several checkboxes included in these categories were revised or are completely new to the 2003 form. Hence, rates on the selected items published in this report are not comparable to rates prior to 2014.

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.<sup>2</sup>

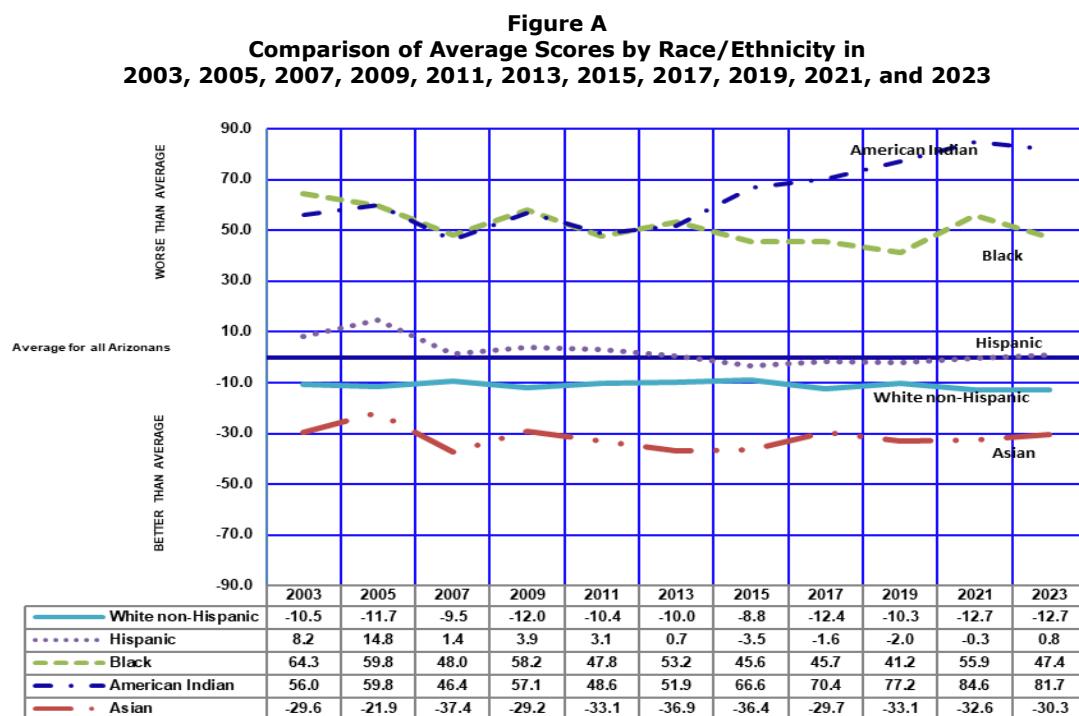
Prior editions of this report were published biennially from 1995 to 2013. This report uses the same methodology as the 1997 through 2013 editions, so that average scores and average ranks (but not mortality rates published before 2000) are directly comparable.

<sup>1</sup> 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.

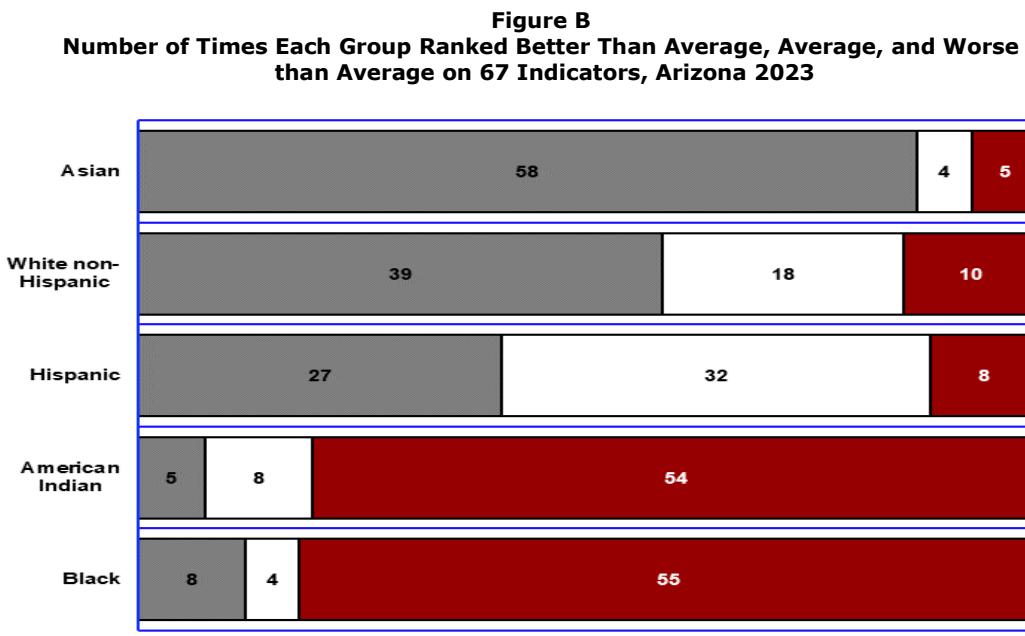
<sup>2</sup> A comparison of the median with the mean age at death in Arizona by race/ethnicity, gender, and year for 2013-2023 is available in Table 2D-1 of "Arizona Health Status and Vital Statistics 2023" report at <https://pub.azdhs.gov/health-stats/report/ahs/ahs2023/pdf/2d1.pdf>

## KEY FINDINGS

The overall inequity between the groups was measured by the range of score values on the Y axis of Figure A from the lowest (the most favorable standing among the groups for 2023, Asian or Pacific Islander at -30.3) to the highest (the least favorable standing for 2023, American Indians at 81.7). A score of 0 is the average for all Arizona residents. In 2023, there was a slight reduction in the range between the highest and lowest group from 112.0 compared to the last report with 117.2 in 2021. The inequity in 2023 is still larger than from a decade prior with 90.1 in 2013 (**Figure A**).

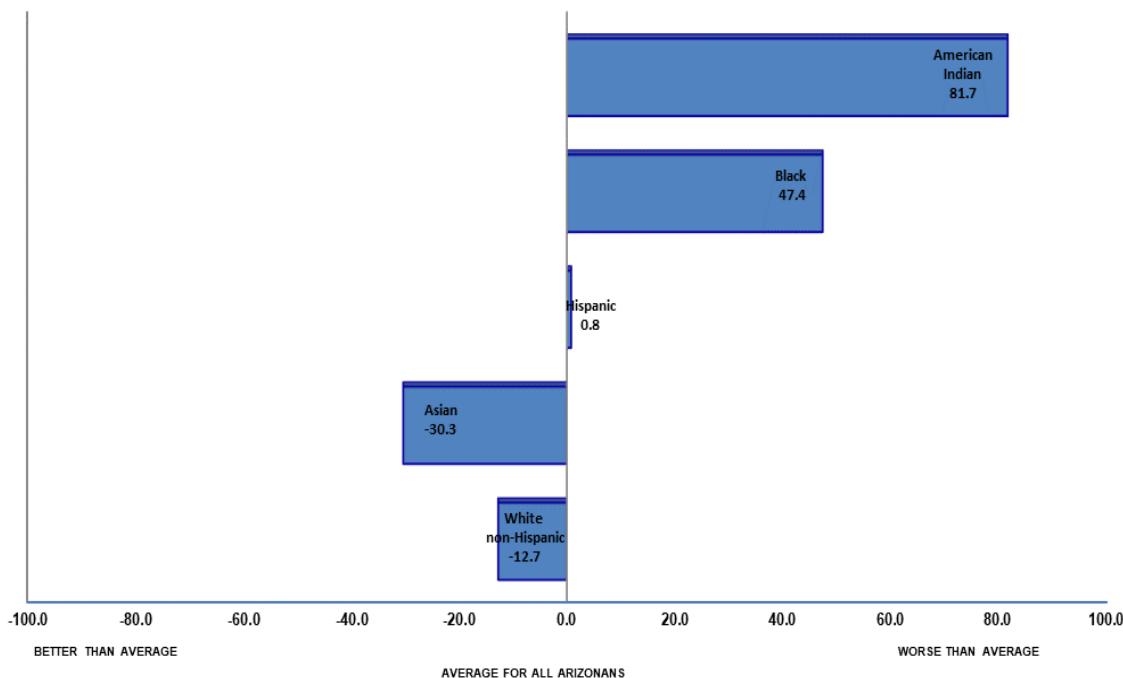


In 2023, as in prior years, Arizona's Asian residents ranked highest among racial/ethnic groups in overall health status, (**Figure B**).



**Figure C**  
**Average Scores in 2023**

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



**ASIANS or PACIFIC ISLANDERS**

**Average rank: 1.6\***

**Total score: -2,030.8**

**Average score: -30.3\*\***

In 2023, Asian residents of Arizona ranked best or second best among all racial/ethnic groups on 58 of 67 indicators, including, sudden infant death syndrome, low incidence of drug or alcohol induced deaths, and low mortality from reportable diseases, chronic or infectious diseases, and injuries. The age-adjusted mortality rate of 428.8 deaths per 100,000 Asian or Pacific Islander residents of the state was the lowest rate among all racial/ethnic groups, while the median age at death was the second highest among the racial/ethnic groups in Arizona. Trend comparison showed a small increased risk of poor health outcomes among Asian residents in 2023 (average score -30.3) compared to 2021 (average score -32.6), and 2019 (average score -33.1).

\* The average rank based on all 67 measurements (the sum of the ranks divided by 67 measurements. Ranks range between 1 = the highest rank of health indicators and 5 = the lowest rank of health indicators).

\*\* The average score based on all 67 measurements (the sum of all scores divided by 67 measurements). See section SCORES IN 2023.

## **WHITE NON-HISPANICS**

**Average rank: 2.4**

**Total score: -850.4**

**Average score: -12.7**

White non-Hispanics ranked second best in relative healthiness among racial/ethnic groups in Arizona. They ranked 1<sup>st</sup> or 2<sup>nd</sup> on 39 of 67 measures of health, including high utilization of prenatal care, newborn health, and premature mortality. White non-Hispanics ranked worse than all other racial/ethnic groups in mortality from chronic lower respiratory diseases, tobacco use during pregnancy, and excessive gestational weight gain. In 2023 and 2021, their average health status score of -12.7 did not change but indicated improvement in some of the health measures compared to 2019 (average score -10.3). Their age-adjusted mortality rate of 706.9 deaths per 100,000 in 2023, was much lower than in 2021 (835.4), but was still higher than the total mortality rate of 674.5 in 2019 and 681.4 in 2017.

## **HISPANICS or LATINOS**

**Average rank: 2.7**

**Total score: -51.0**

**Average score: -0.8**

In 2023 Hispanics retained a 3rd place overall health ranking. Hispanics ranked best or second best on 27 indicators in 2023, a slight change and increase from 25 in 2019 and 2017. They ranked better than average with low incidence of tobacco use among women giving birth, drowning mortality, and mortality among children 1-14 years old. They ranked worse than average in many indicators including but not limited to deaths from COVID-19, deaths from Alzheimer's disease, teen pregnancy rates, and HIV/AIDS incidence. **Comparative Rates and Ratios for 2013-2023** provide a detailed picture of changes over time for all of the 67 measures.

## **BLACKS or AFRICAN AMERICANS**

**Average rank: 4.0**

**Total score: 3,176.2**

**Average score: 47.4**

Overall health status of Blacks or African Americans has improved as shown in a decrease of the average score from 55.9 in 2021 to 47.4 in 2023. Despite this improvement, Blacks or African Americans ranked last among the five racial/ethnic groups with 55 of 67 measures with ranks 4<sup>th</sup> or 5<sup>th</sup> (see **Figure B**). Blacks or African Americans ranked better than average with low mortality rates from female cervical cancer, fall-related injuries, alcohol-induced deaths, chronic liver disease and cirrhosis, and COVID-19. They ranked worse than average on indicators that included, but not limited to deaths due to assault (homicide), infant mortality from Sudden Infant Death Syndrome (SIDS), low birthweight/short gestation, HIV disease, and drowning.

## **AMERICAN INDIANS or ALASKA NATIVES**

**Average rank: 4.2**

**Total score: 5,474.8**

**Average score: 81.7**

In 2023, American Indian residents had the highest average score among all racial/ethnic groups in Arizona which indicates worse outcomes overall. Contrastingly, American Indian residents ranked better than average on several indicators, such as lung cancer, Alzheimer's disease, female breast cancer, and cerebrovascular disease. American Indian residents ranked 4<sup>th</sup> or 5<sup>th</sup> (worse than average) among the five racial/ethnic groups on 54 of 67 measures (see Figure B). Worse than average scores included measures such as mortality due to alcohol, chronic liver disease and cirrhosis, diabetes, motor vehicle injuries, assault, and COVID-19. In 2023, compared to the median age at death (76) for all race/ethnicities in Arizona, American Indian residents of Arizona had the youngest median age at death at 60.

## COMPARATIVE CAUSE-SPECIFIC

In 2023, diseases of the heart were the leading cause of death for two of the five racial/ethnic groups in Arizona: White non-Hispanics and Black or African Americans, while ranking 2<sup>nd</sup> for Hispanic or Latinos, American Indian or Alaska Natives, and Asian or Pacific Islanders (**Figure D**). Cancer was the number one leading cause of death for Hispanics or Latinos and Asian or Pacific Islanders, while ranking 2<sup>nd</sup> leading cause of death for White non-Hispanics and Black or African Americans, and 3<sup>rd</sup> for American Indian or Alaska Natives. Unintentional injury was the leading cause of death for American Indian or Alaska Natives, while ranking 3<sup>rd</sup> for White non-Hispanics, Hispanic or Latinos, Black or African Americans, and Asian or Pacific Islanders. While cerebrovascular disease was the 4<sup>th</sup> leading cause of death for Hispanic or Latinos, Black or African Americans, and Asian or Pacific Islanders, it ranked 5<sup>th</sup> for White non-Hispanics in 2023. Chronic liver disease and cirrhosis was the fourth leading cause of death specific to American Indians, while chronic lower respiratory diseases were the 4th leading cause of death specific to White non-Hispanics and diabetes was among the top five causes of death specific to Hispanic or Latinos, Black or African Americans, American Indian or Alaska Natives, and Asian or Pacific Islanders.

**Figure D**  
**Comparative Age-Adjusted Mortality Rates for the Five Leading Causes of Death**  
**by Race/Ethnicity in Arizona in 2023**

Rank	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
1	Diseases of heart 148.9	Cancer 120.2	Diseases of heart 195.9	Unintentional injury 203.3	Cancer 88.3
2	Cancer 129.6	Diseases of heart 117.7	Cancer 166.9	Diseases of heart 157.0	Diseases of heart 79.6
3	Unintentional injury 71.1	Unintentional injury 63.7	Unintentional injury 98.7	Cancer 125.2	Unintentional injury 27.8
4	Chronic lower respiratory diseases 38.5	Cerebrovascular disease 38.5	Cerebrovascular disease 51.4	Chronic liver disease and cirrhosis 91.8	Cerebrovascular disease 25.9
5	Cerebrovascular disease 30.6	Diabetes 33.2	Diabetes 43.2	Diabetes 83.7	Diabetes 22.5

## COMPARATIVE RATES AND RATIOS FOR 2013 and 2023

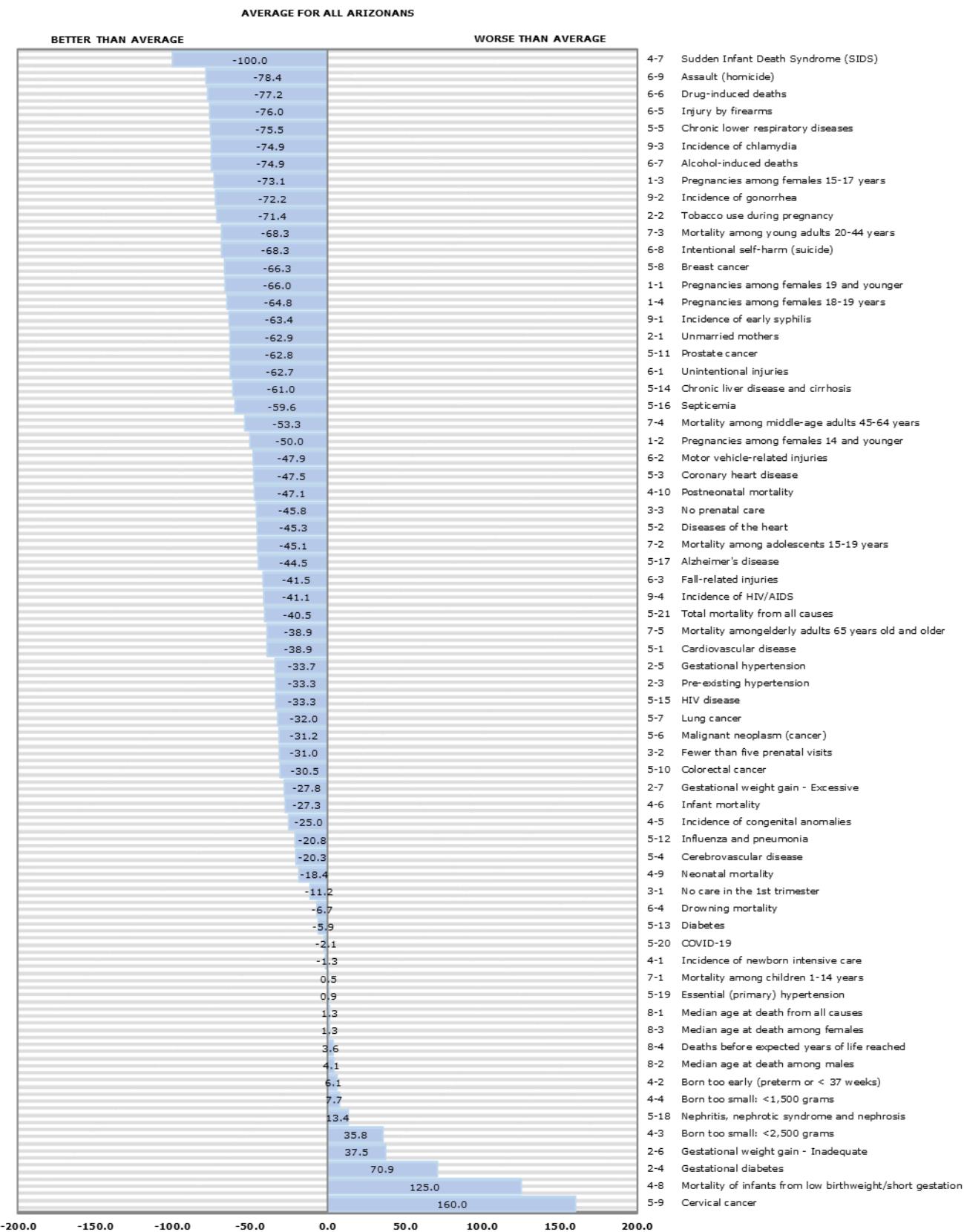
The 134 bar charts provide both a snapshot of differences between the racial/ethnic groups in Arizona in 2023, as well as a measure of change since 2013. More detailed comparisons over time are available in a special section of the report (**Comparative Rates and Ratios for 2013 – 2023**) that documents specific changes by year from 2013 through 2023 on the 67 health status measures by racial/ethnic group.

## RISK PROFILES

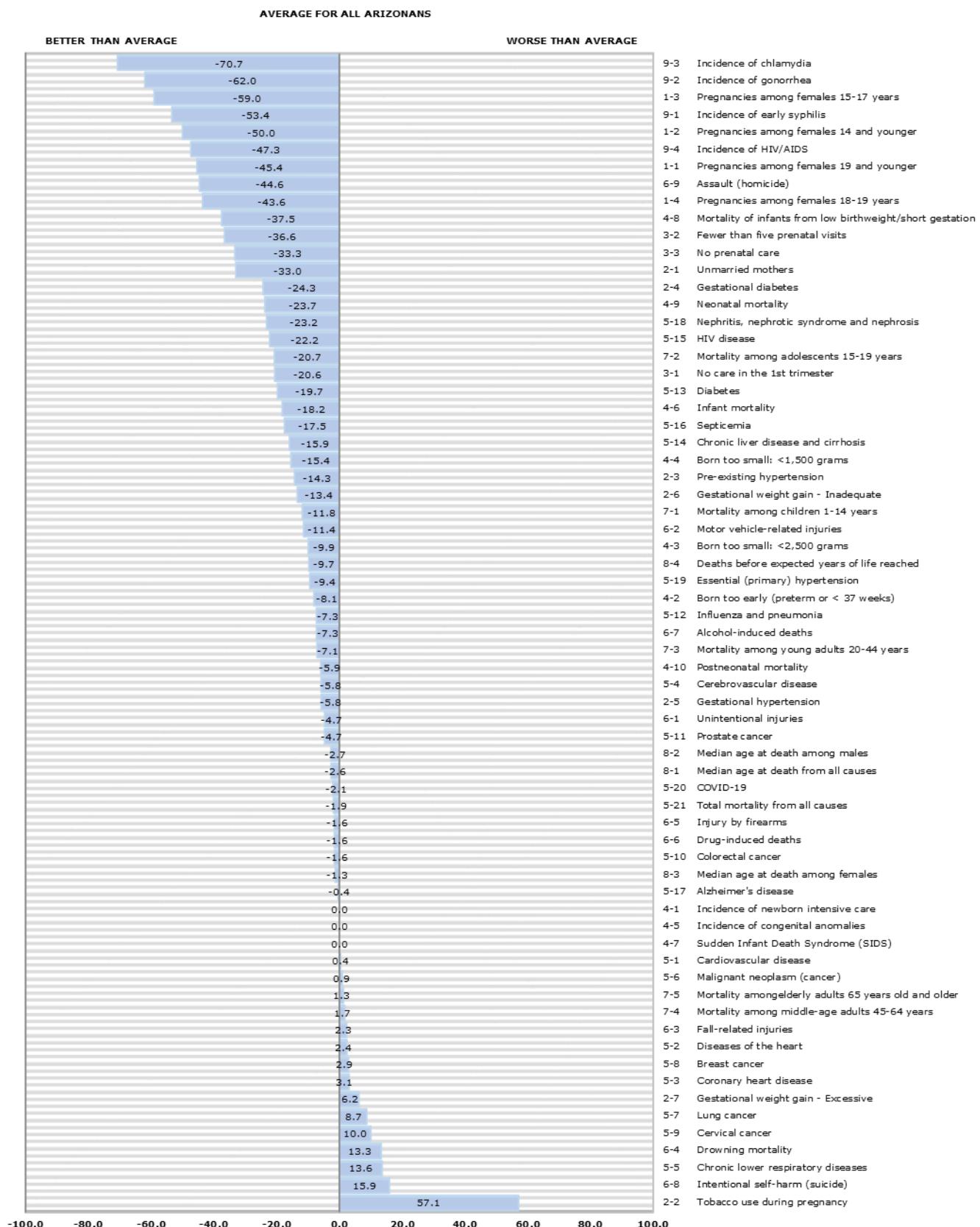
Risk profiles presented on the following pages summarize how each racial/ethnic group compares to the state average for the entire set of measures of health status. These profiles use scores developed to describe the level of each of the 67 measures for each racial/ethnic group relative to the average level for all groups. The profiles visually describe the better-than-average and worse-than-average clusters of health status characteristics for each racial/ethnic group.

## Risk Profile of Asians or Pacific Islanders

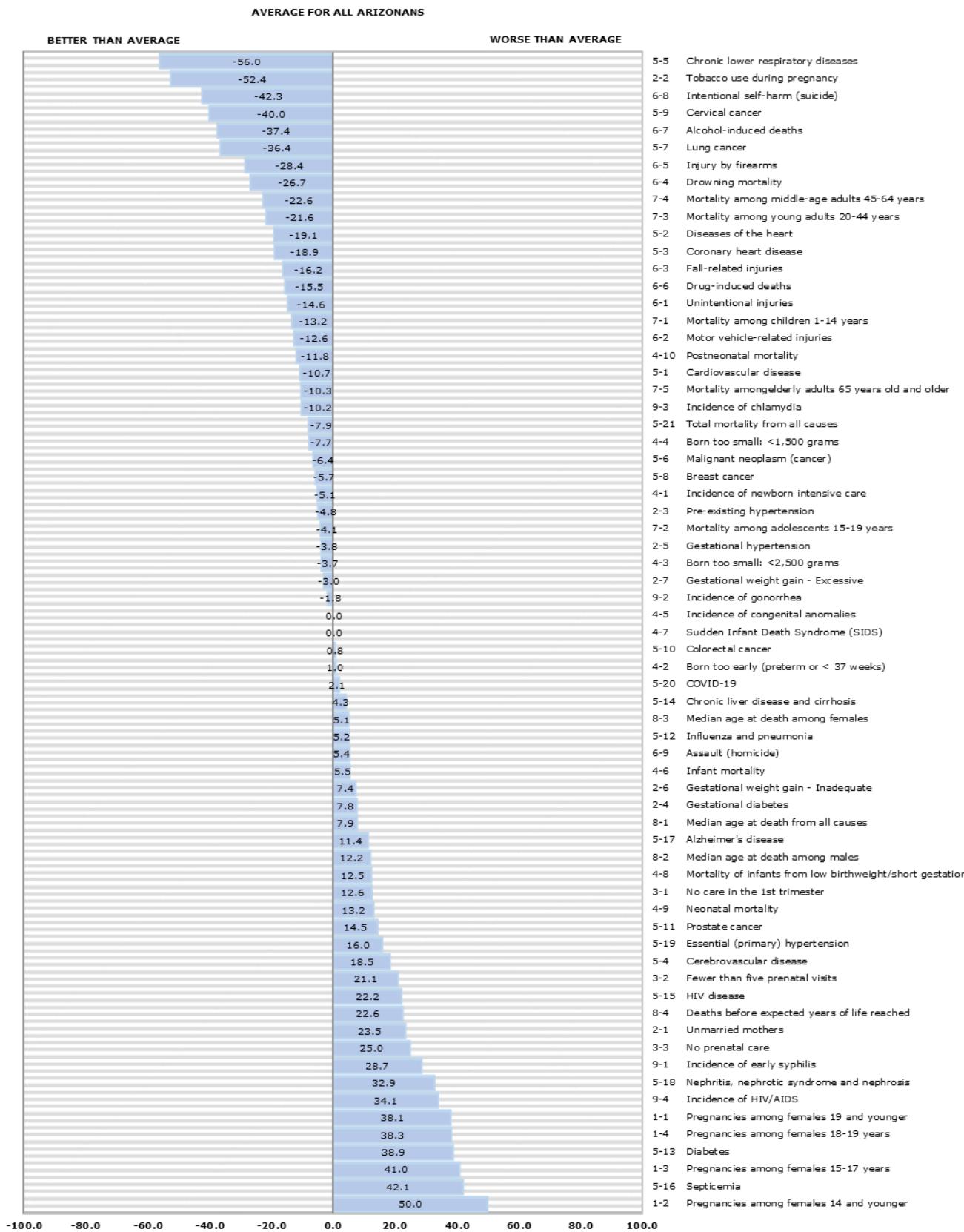
(percent above or below the State mean)



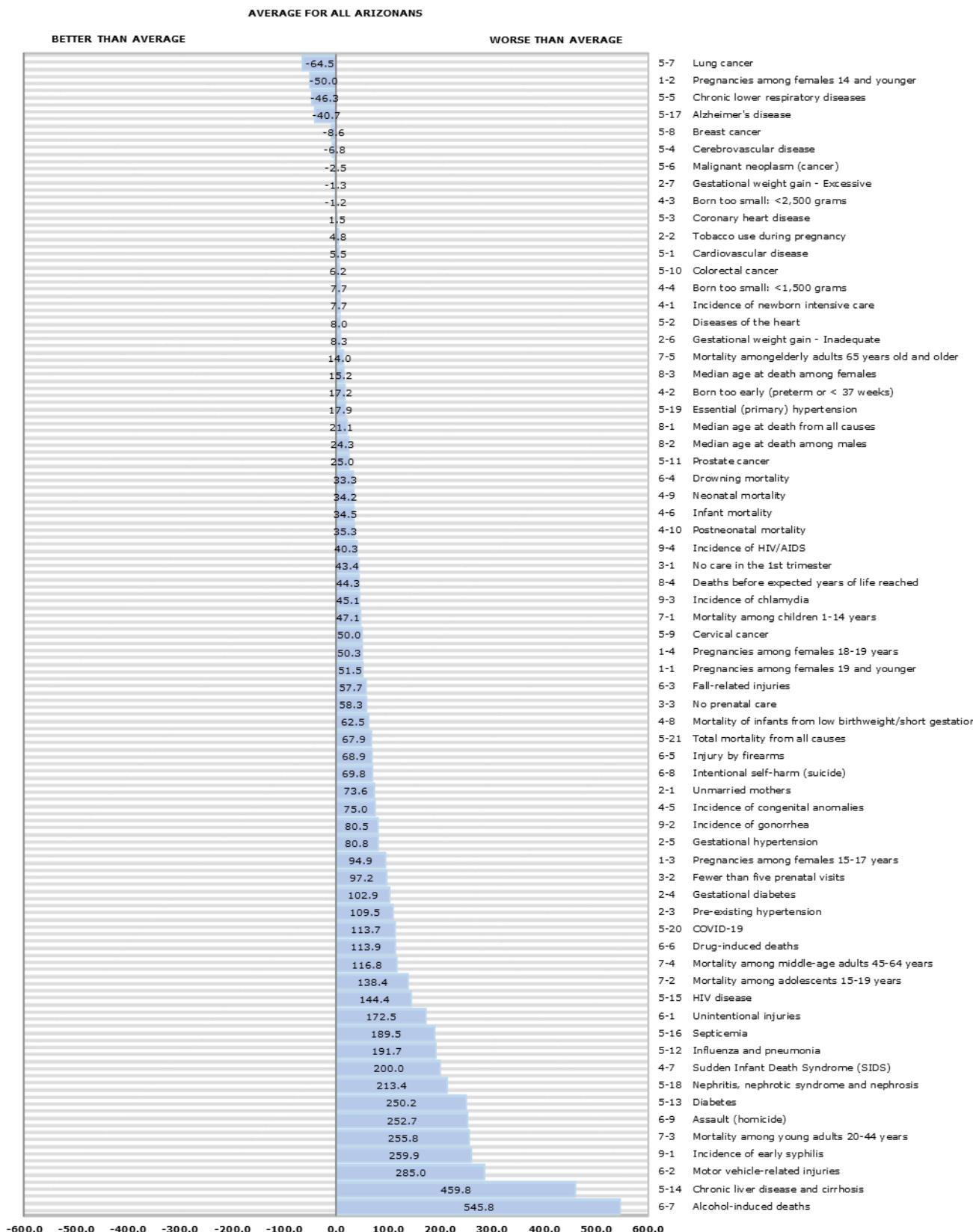
## Risk Profile of White non-Hispanics (percent above or below the State mean)



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

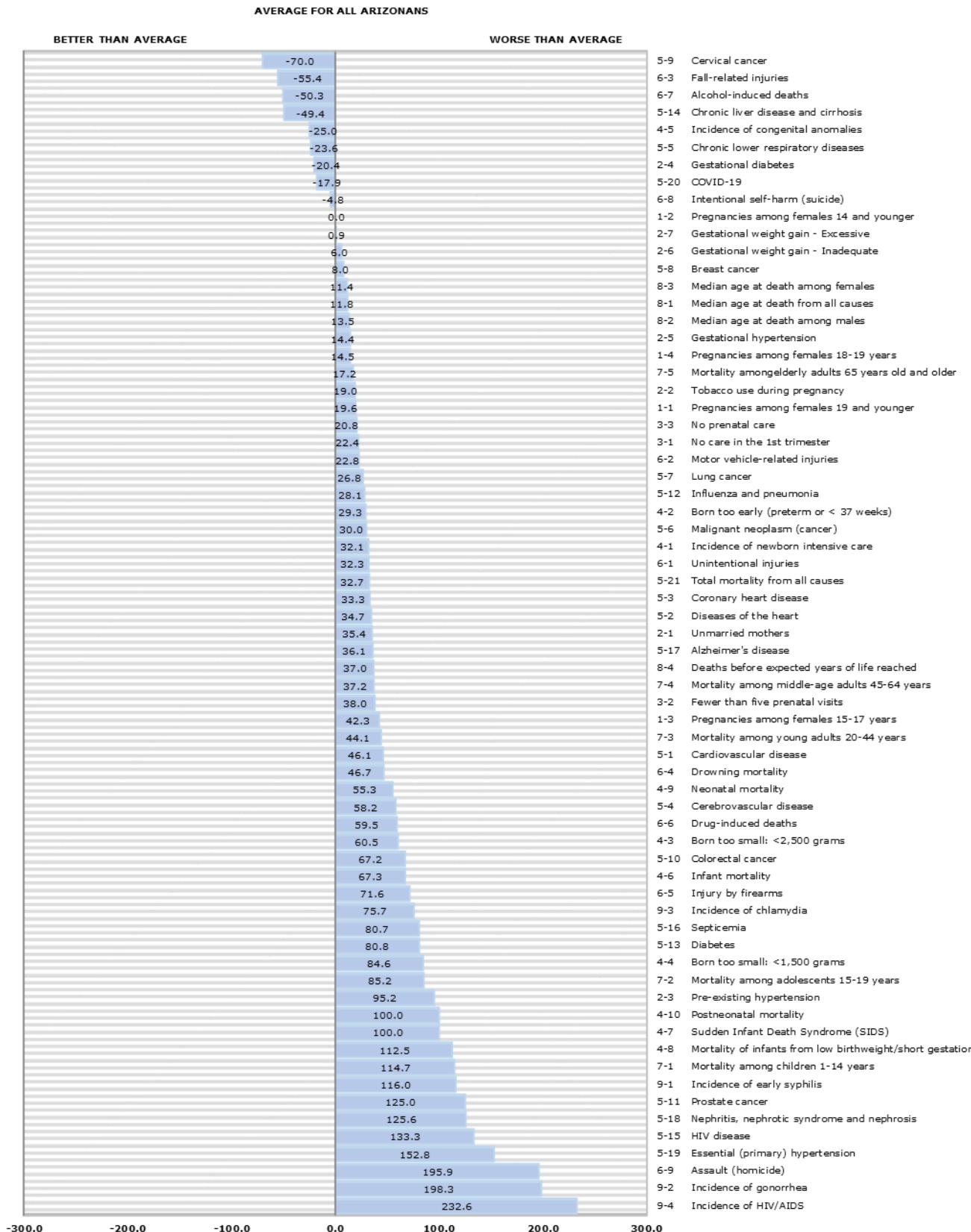


## Risk Profile of American Indians or Alaska Natives (percent above or below the State mean)



## Risk Profile of Blacks or African Americans

(percent above or below the State mean)





# **COMPARATIVE MEASURES OF HEALTH STATUS BY RACE/ETHNICITY IN 2023**



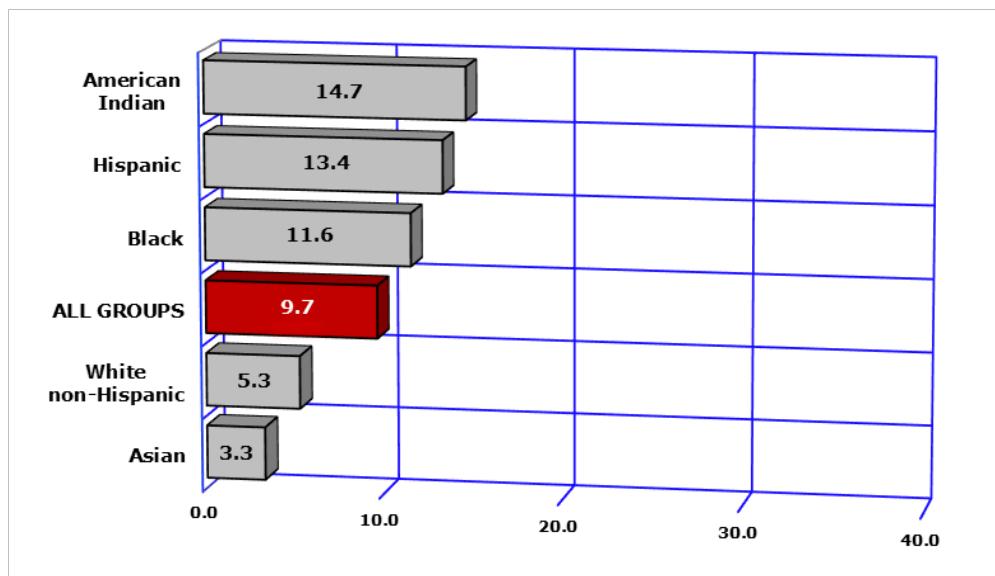
# 1

## **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**

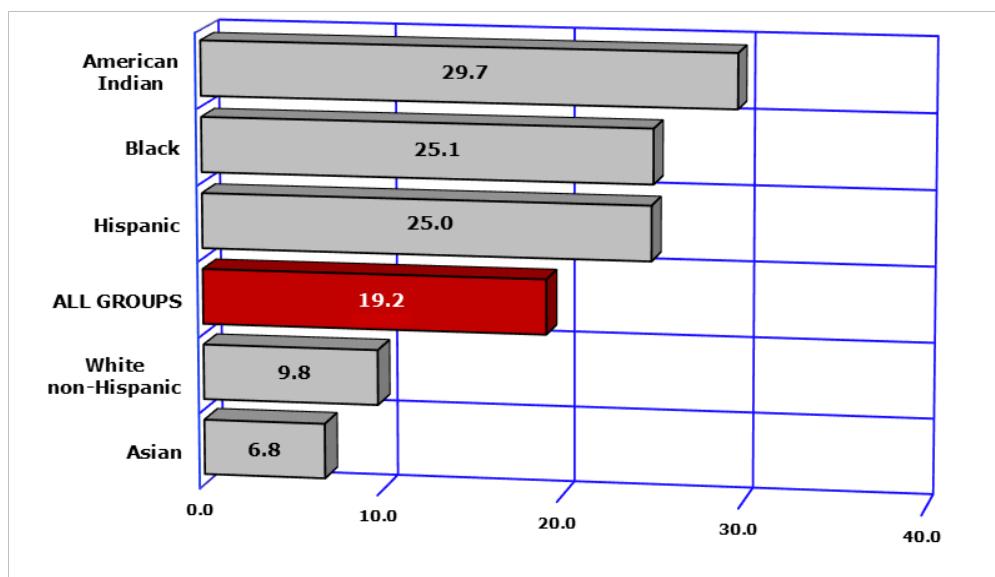
## 1-1 PREGNANCIES AMONG FEMALES 19 OR YOUNGER

2023



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

2013



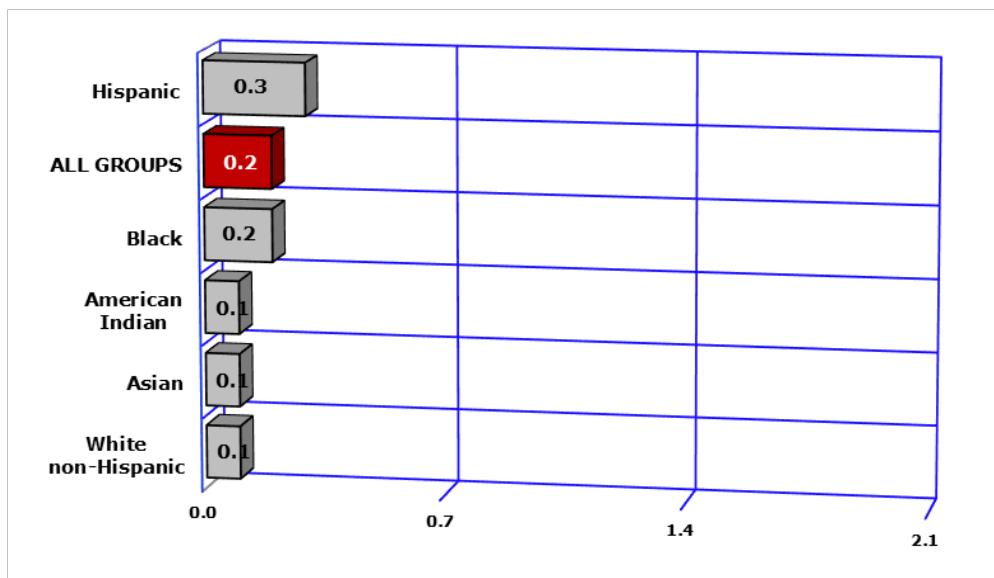
Note: Number of pregnancies per 1,000 females 10-19 years old in specified group.

### COMPARATIVE RATES FOR 2013 AND 2023

Year	Rate per 1,000 females by race/ethnicity					
	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2013	19.2	9.8	25.0	25.1	29.7	6.8
2023	9.7	5.3	13.4	11.6	14.7	3.3
% change from 2013	-49.5	45.9	-46.4	-53.8	-50.5	-51.5

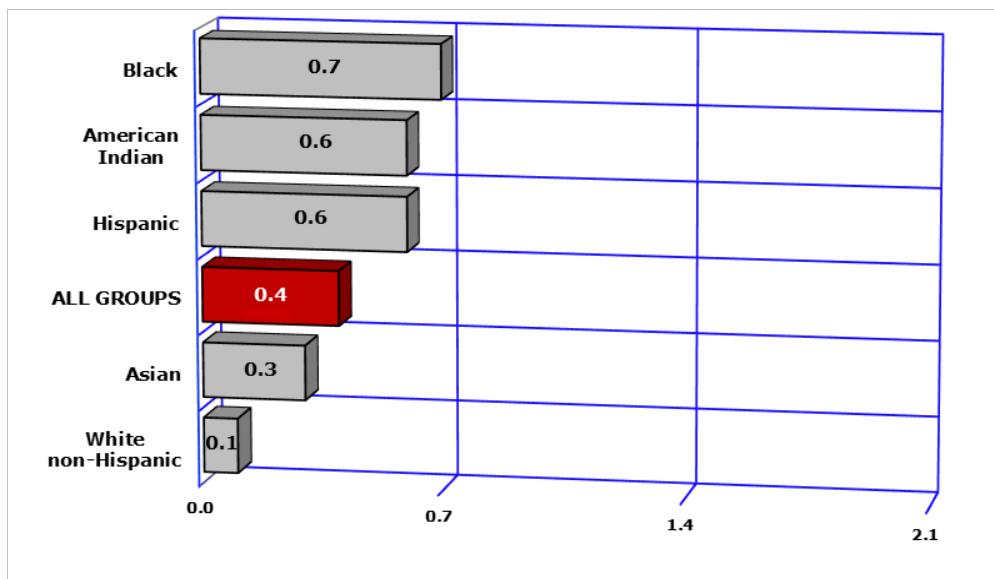
## 1-2 PREGNANCIES AMONG FEMALES 14 OR YOUNGER

2023



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

2013



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

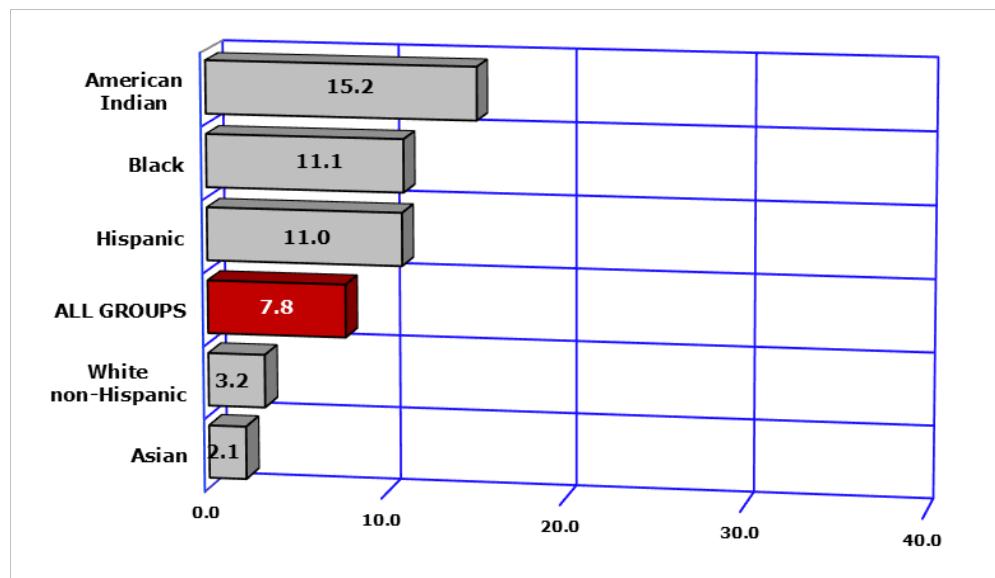
### COMPARATIVE RATES FOR 2013 AND 2023

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
2013	0.4	0.1	0.6	0.7	0.6	0.3
2023	0.2	0.1	0.3	0.2	0.1	0.1
% change from 2013	-50.0	0.0	-50.0	-71.4	-83.3	-66.7

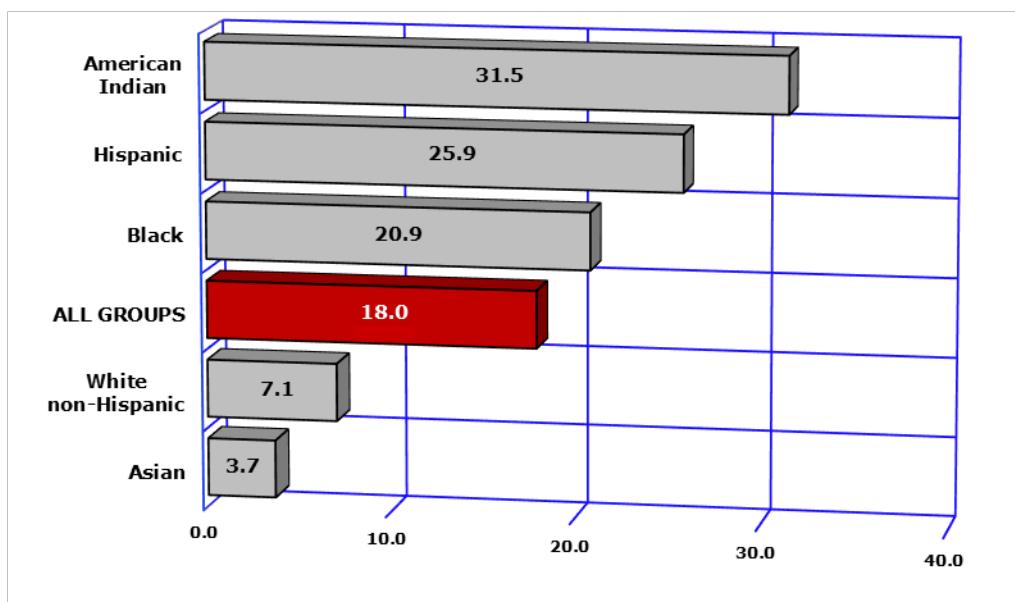
### 1-3 PREGNANCIES AMONG FEMALES 15-17 YEARS OLD

2023



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

2013



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

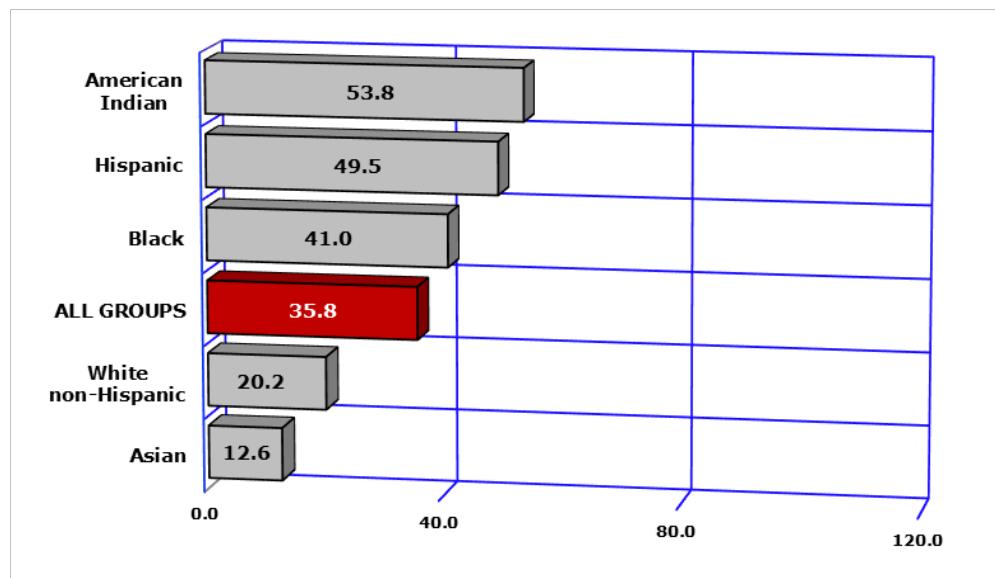
#### COMPARATIVE RATES FOR 2013 AND 2023

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
2013	18.0	7.1	25.9	20.9	31.5	3.7
2023	7.8	3.2	11.0	11.1	15.2	2.1
% change from 2013	-56.7	-54.9	-57.5	-46.9	-51.7	-43.2

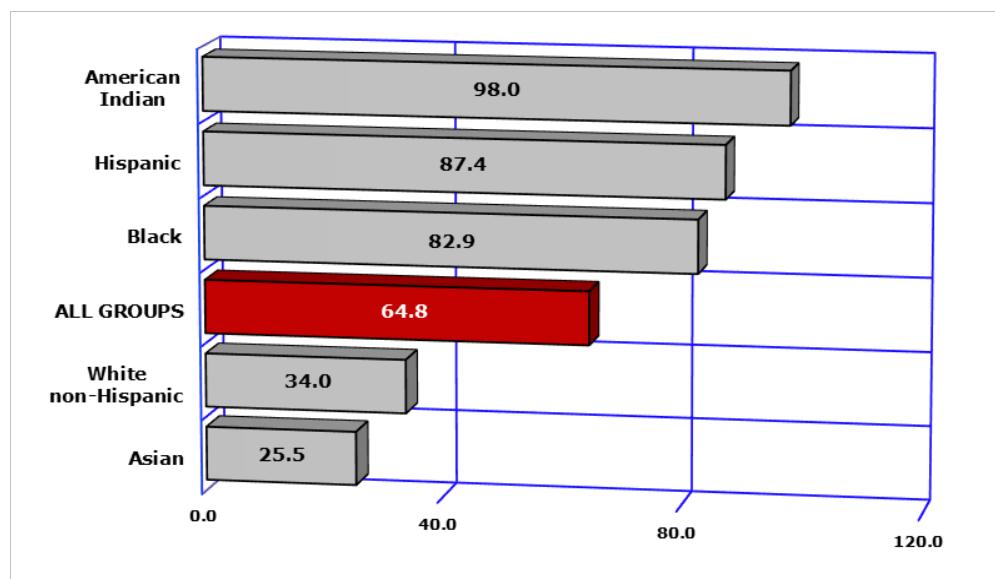
#### 1-4 PREGNANCIES AMONG FEMALES 18-19 YEARS OLD

2023



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

2013



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

#### COMPARATIVE RATES FOR 2013 AND 2023

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
2013	64.8	34.0	87.4	82.9	98.0	25.5
2023	35.8	20.2	49.5	41.0	53.8	12.6
% change from 2013	-44.8	-40.6	-43.4	-50.5	-45.1	-50.6

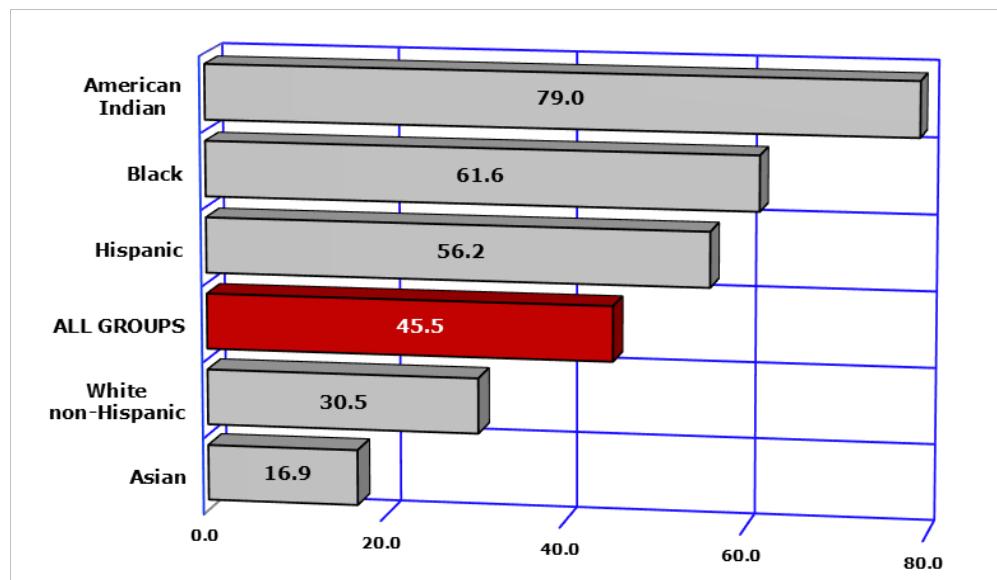


## 2 **Maternal Lifestyle and Health Characteristics**

- 2-1 Unmarried Mothers**
- 2-2 Tobacco Use during Pregnancy**
- 2-3 Pre-existing Hypertension**
- 2-4 Gestational Diabetes**
- 2-5 Gestational Hypertension**
- 2-6 Gestational Weight Gain - Inadequate**
- 2-7 Gestational Weight Gain – Excessive**

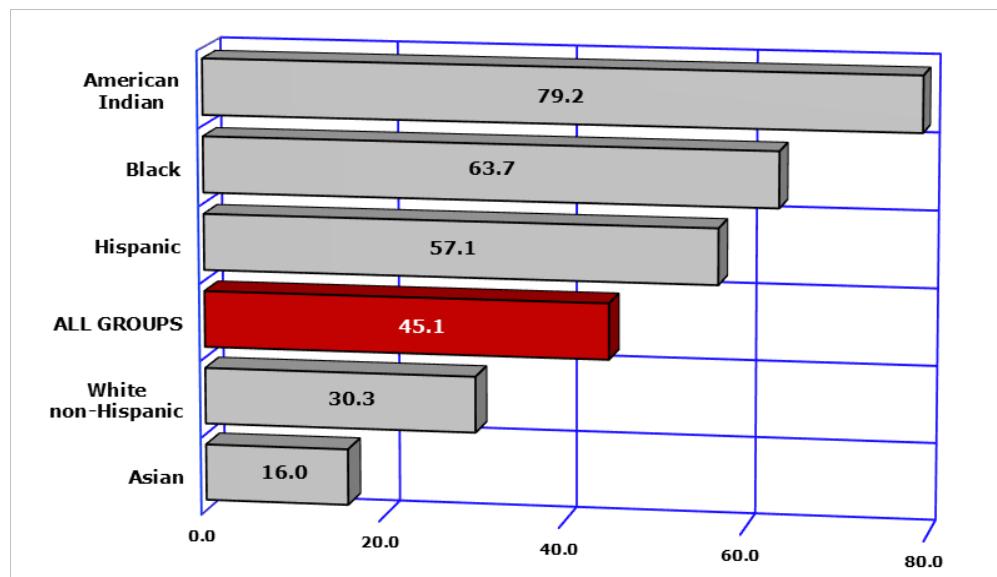
## 2-1 UNMARRIED MOTHERS

2023



Note: Per 100 live births.

2013



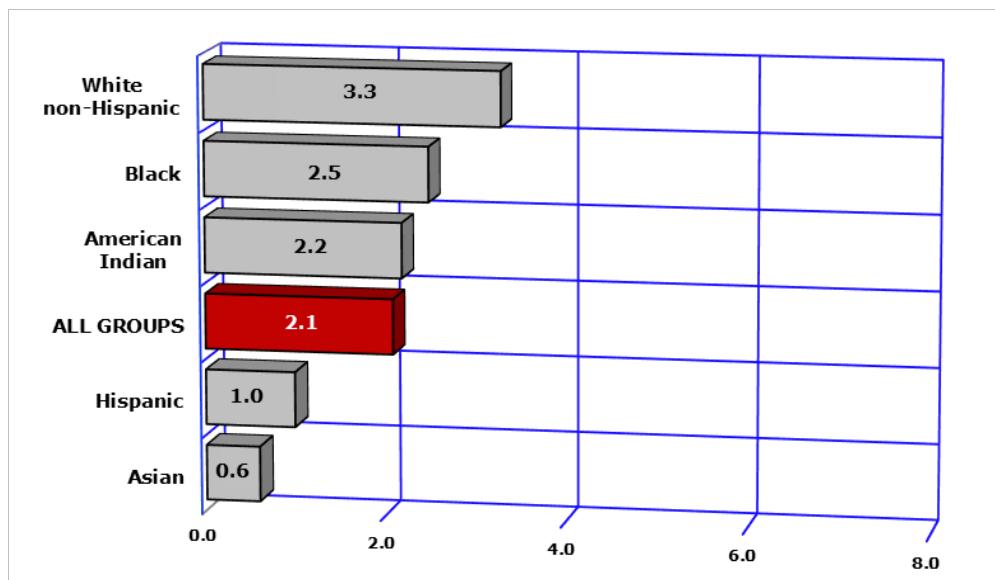
Note: Per 100 live births.

### COMPARATIVE RATES FOR 2013 AND 2023

Year	Per 100 births by race/ethnicity					
	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2013	45.1	30.3	57.1	63.7	79.2	16.0
2023	45.5	30.5	56.2	61.6	79.0	16.9
% change from 2013	0.9	0.7	-1.6	-3.3	-0.3	5.6

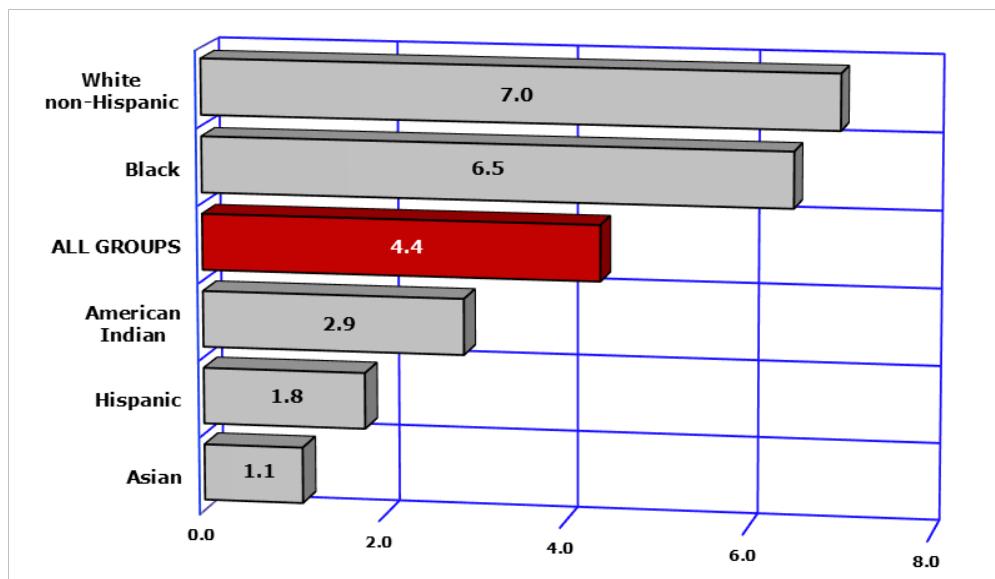
## 2-2 TOBACCO USE DURING PREGNANCY

2023



Note: Per 100 live births.

2013



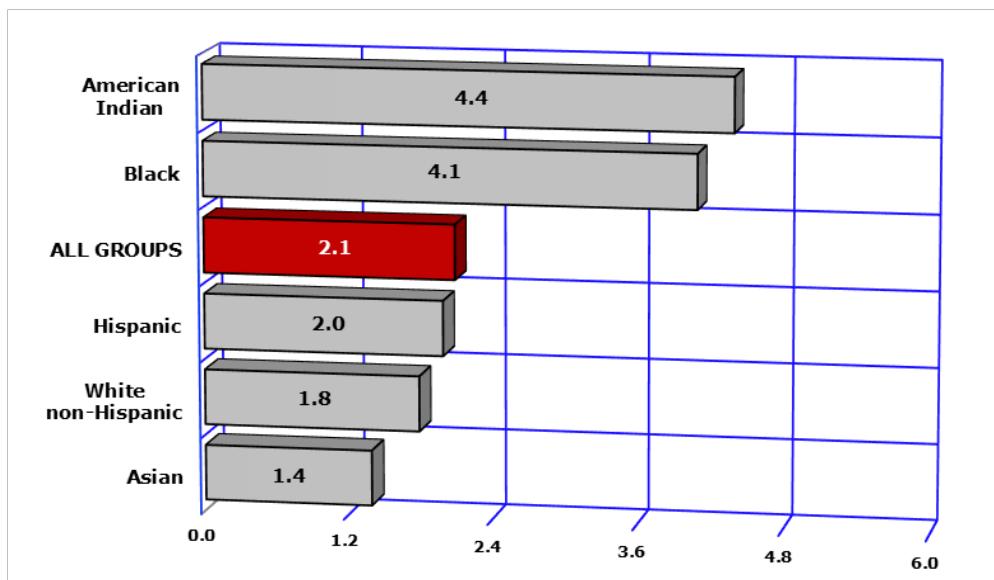
Note: Per 100 live births.

### COMPARATIVE RATES FOR 2013 AND 2023

Year	Per 100 births by race/ethnicity					
	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2013	4.4	7.0	1.8	6.5	2.9	1.1
2023	2.1	3.3	1.0	2.5	2.2	0.6
% change from 2013	-52.3	-52.9	-44.4	-61.5	-24.1	-45.5

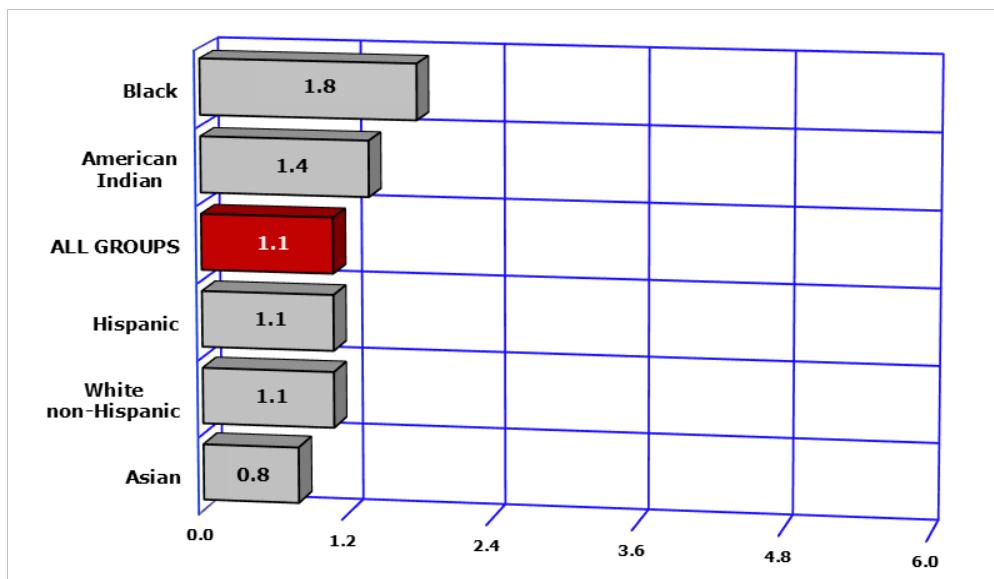
## 2-3 PRE-EXISTING HYPERTENSION

2023



Note: Per 100 live births.

2013



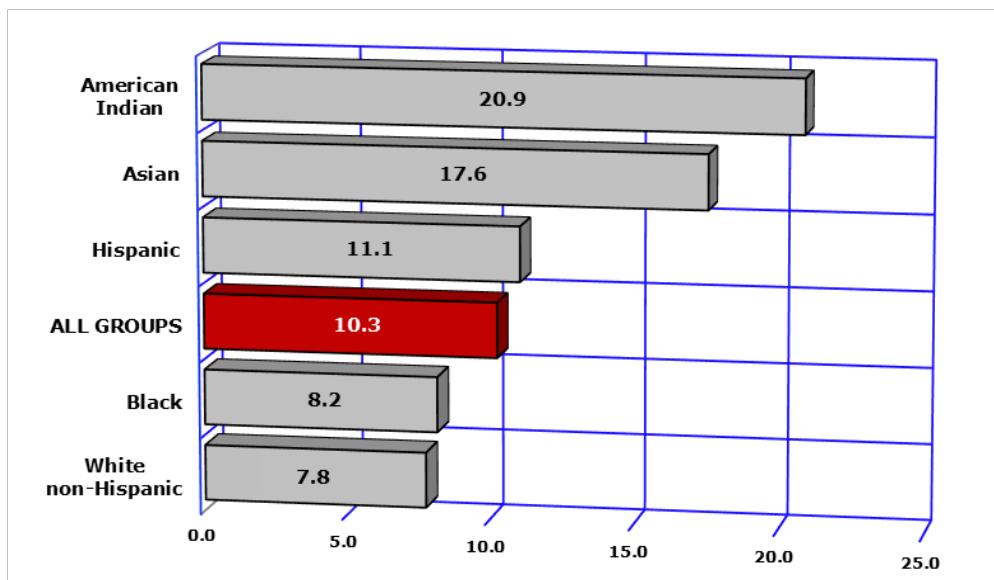
Note: Per 100 live births.

### COMPARATIVE RATES FOR 2013 AND 2023

Year	Per 100 births by race/ethnicity					
	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2013	1.1	1.1	1.1	1.8	1.4	0.8
2023	2.1	1.8	2.0	4.1	4.4	1.4
% change from 2013	90.9	63.6	81.8	127.8	214.3	75.0

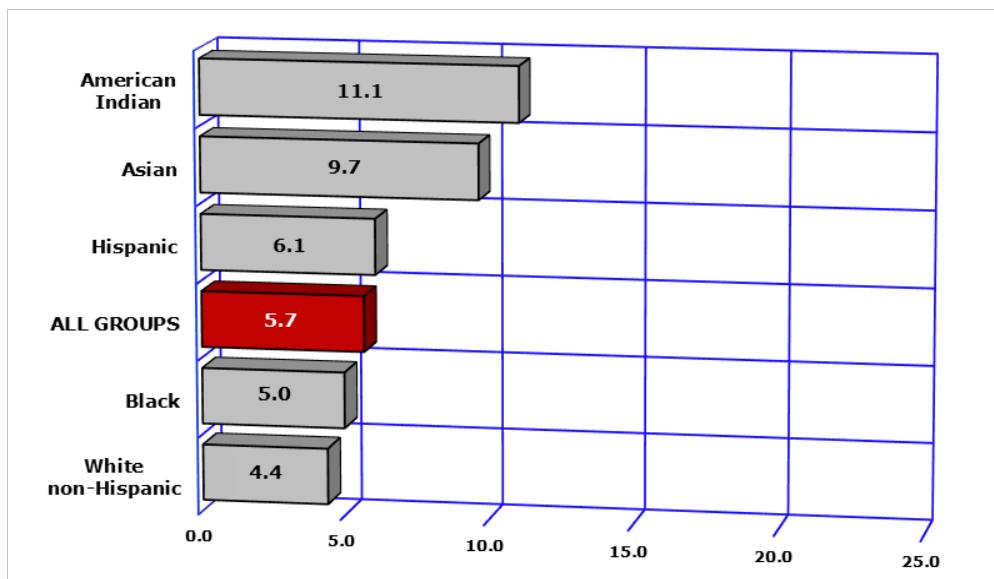
## 2-4 GESTATIONAL DIABETES

2023



Note: Per 100 live births.

2013



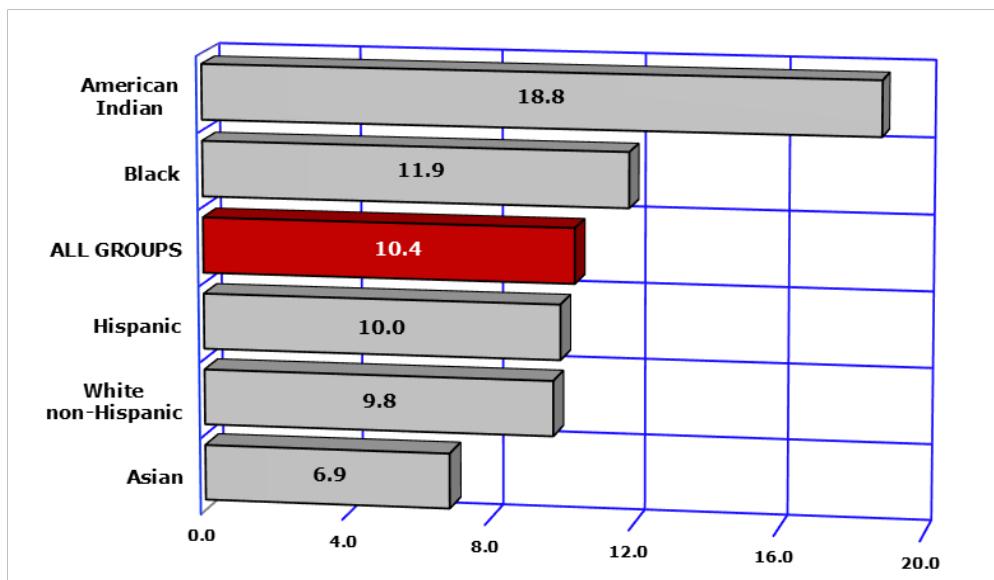
Note: Per 100 live births.

### COMPARATIVE RATES FOR 2013 AND 2023

Year	Per 100 births by race/ethnicity					
	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2013	5.7	4.4	6.1	5.0	11.1	9.7
2023	10.3	7.8	11.1	8.2	20.9	17.6
% change from 2013	80.7	77.3	82.0	64.0	88.3	81.4

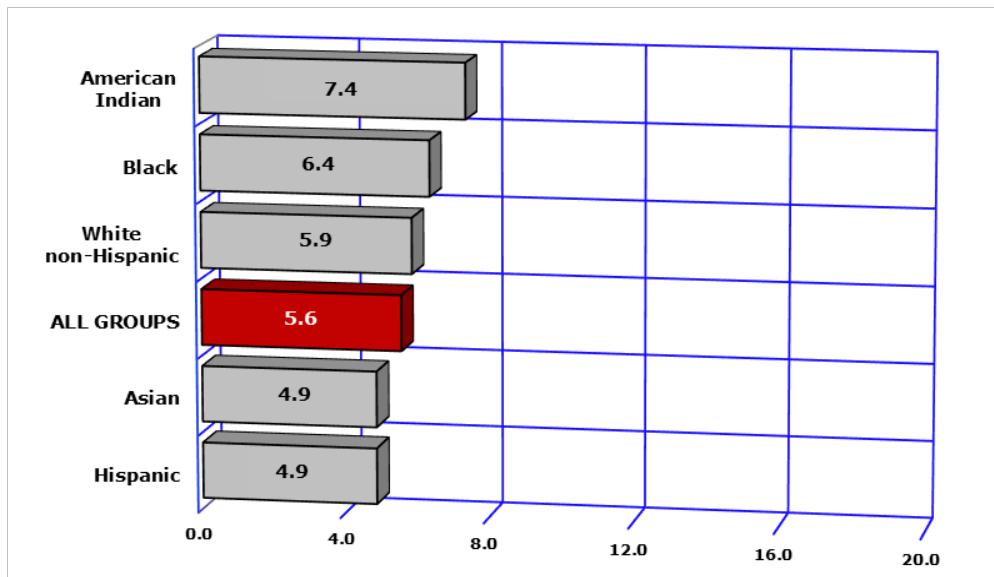
## 2-5 GESTATIONAL HYPERTENSION

2023



Note: Per 100 live births.

2013



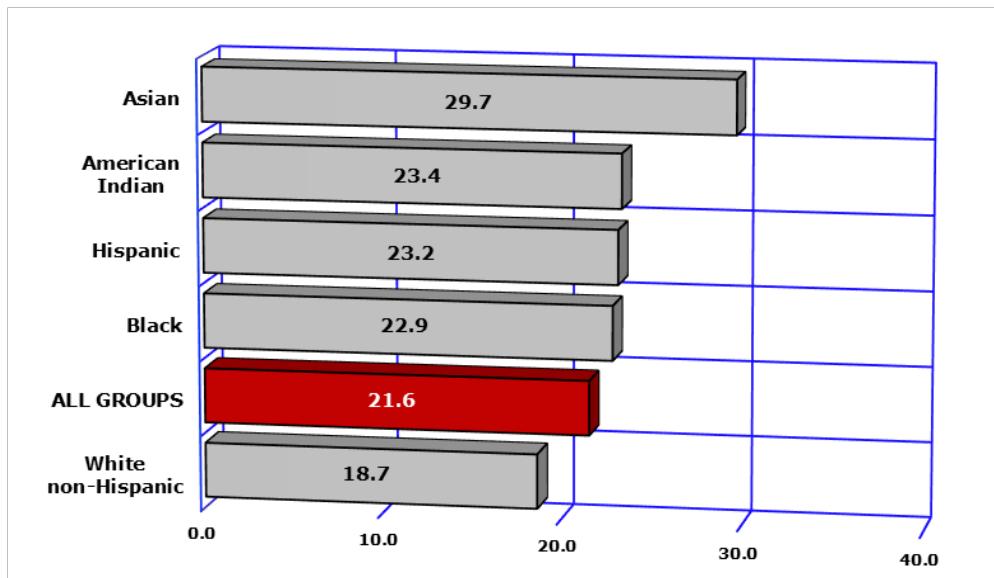
Note: Per 100 live births.

### COMPARATIVE RATES FOR 2013 AND 2023

Year	Per 100 births by race/ethnicity					
	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2013	5.6	5.9	4.9	6.4	7.4	4.9
2023	10.4	9.8	10.0	11.9	18.8	6.9
% change from 2013	85.7	66.1	104.1	85.9	154.1	40.8

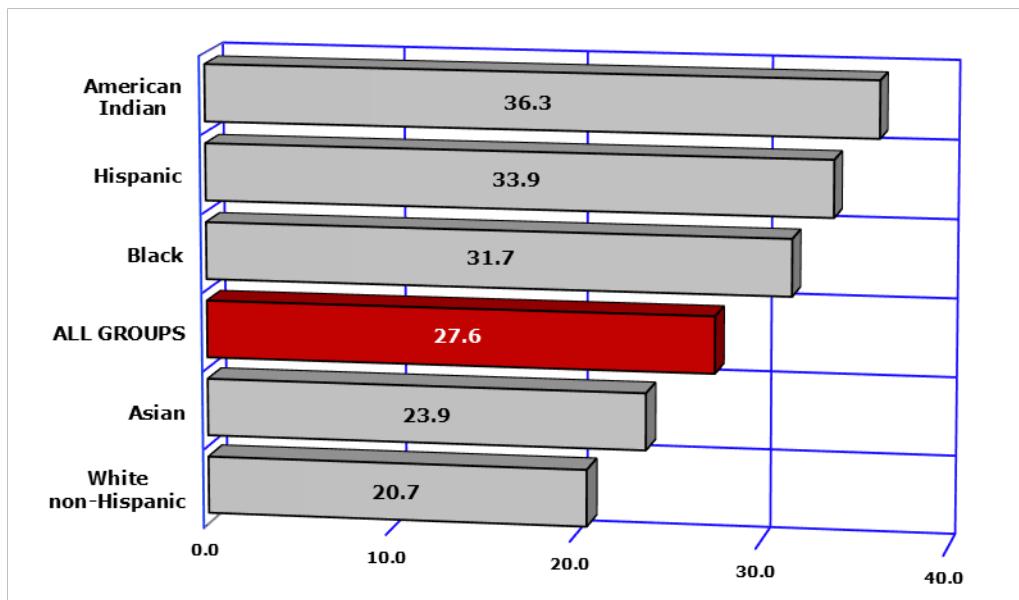
## 2-6 GESTATIONAL WEIGHT GAIN – INADEQUATE\*

2023



Note: Per 100 live births.

2013

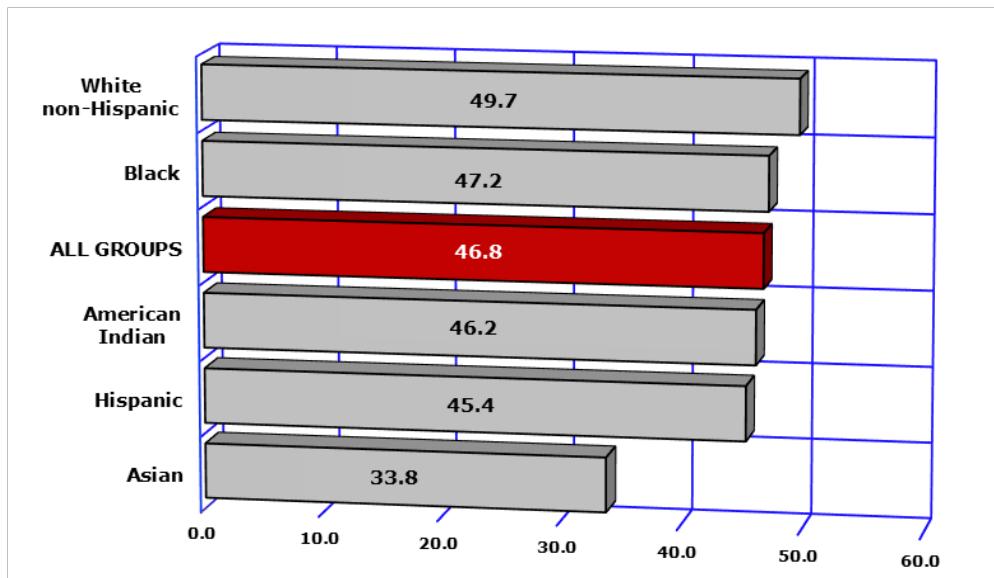


Note: Per 100 live births.

\* Due to differences in the manner this variable is collected in the revised version of the U.S Certificate of Live Birth implemented in 2014, 2013 and 2023 rates are not comparable.

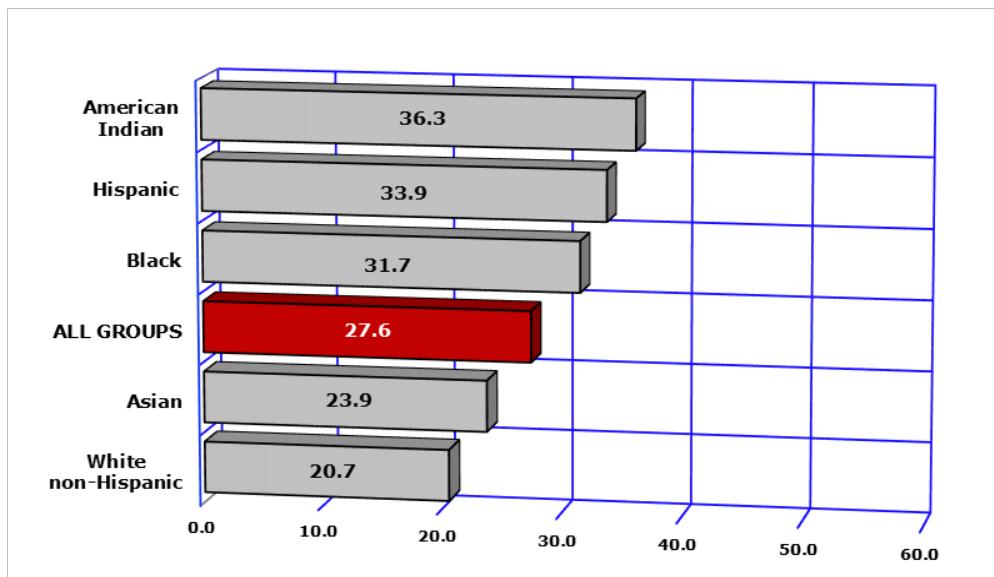
## 2-7 GESTATIONAL WEIGHT GAIN – EXCESSIVE\*

2023



Note: Per 100 live births.

2013



Note: Per 100 live births.

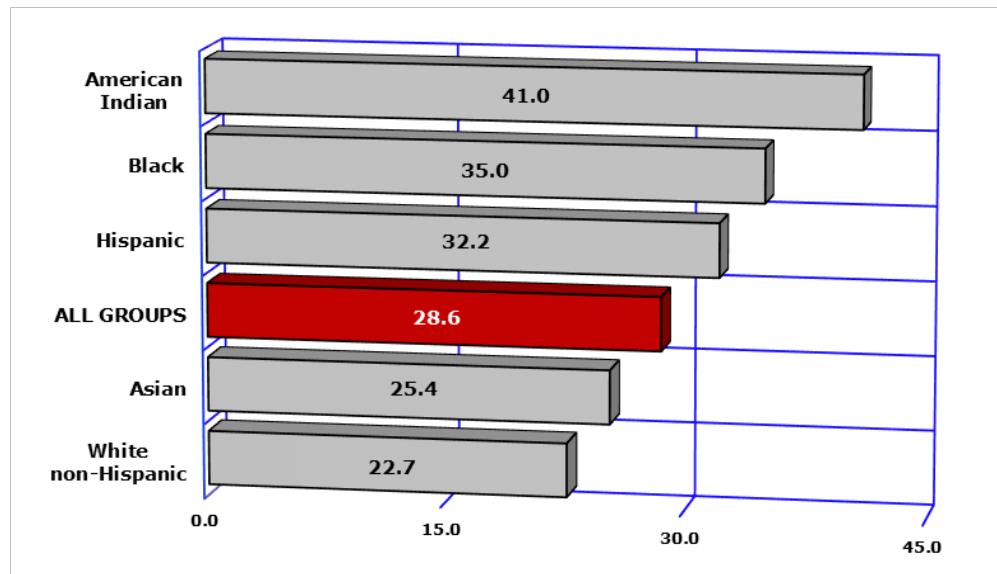
\* Due to differences in the manner this variable is collected in the revised version of the U.S Certificate of Live Birth implemented in 2014, 2013 and 2023 rates are not comparable.

# 3 **Utilization of Prenatal Care Services**

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

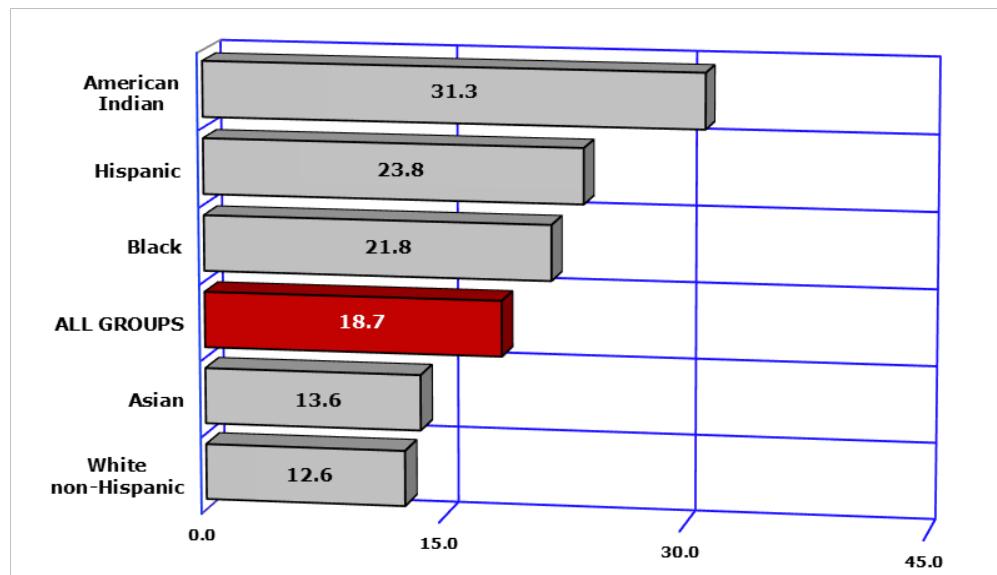
### 3-1 NO CARE IN THE 1<sup>ST</sup> TRIMESTER\*

2023



Note: Per 100 live births.

2013

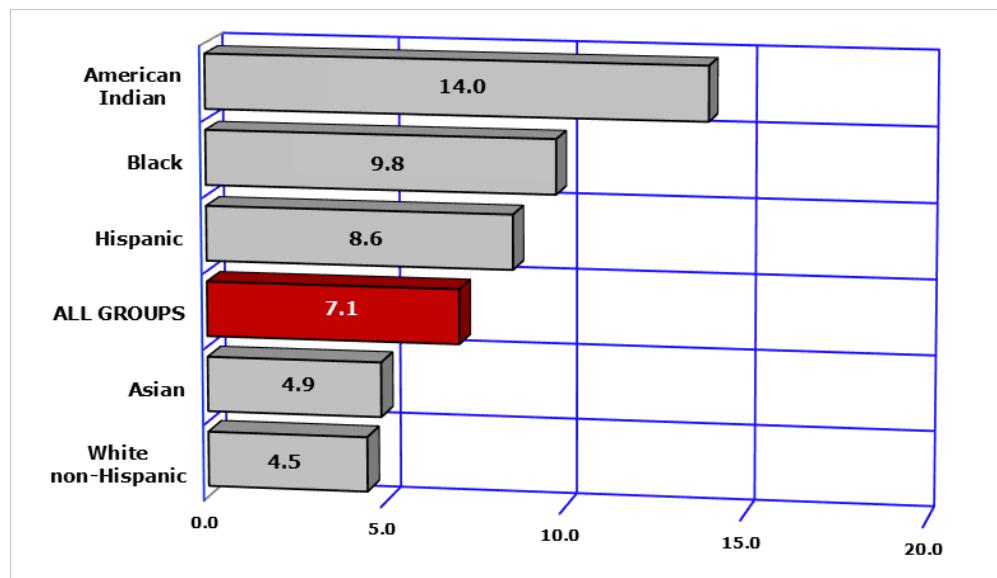


Note: Per 100 live births.

\* Due to differences in the manner this variable is collected in the revised version of the U.S Certificate of Live Birth implemented in 2014, 2013 and 2023 rates are not comparable.

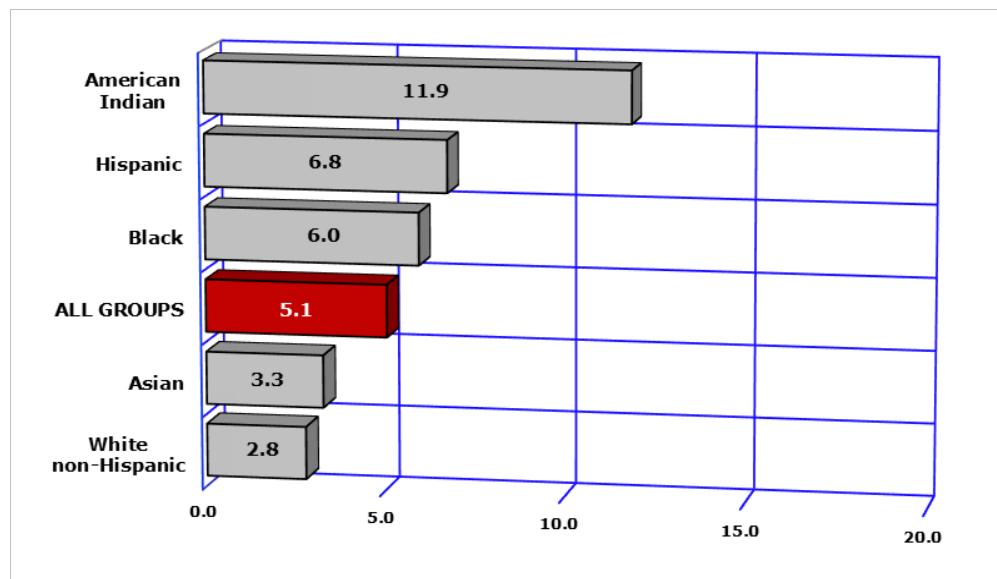
### 3-2 FEWER THAN 5 PRENATAL VISITS

2023



Note: Per 100 live births.

2013



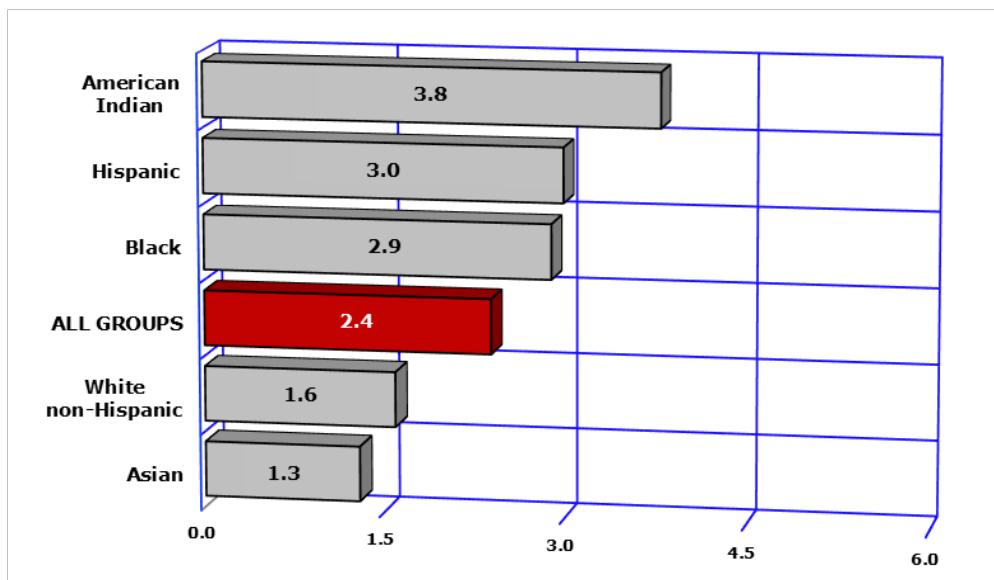
Note: Per 100 live births.

#### COMPARATIVE RATES FOR 2013 AND 2023

Year	Per 100 births by race/ethnicity					
	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2013	5.1	2.8	6.8	6.0	11.9	3.3
2023	7.1	4.5	8.6	9.8	14.0	4.9
% change from 2013	39.2	60.7	26.5	63.3	17.6	48.5

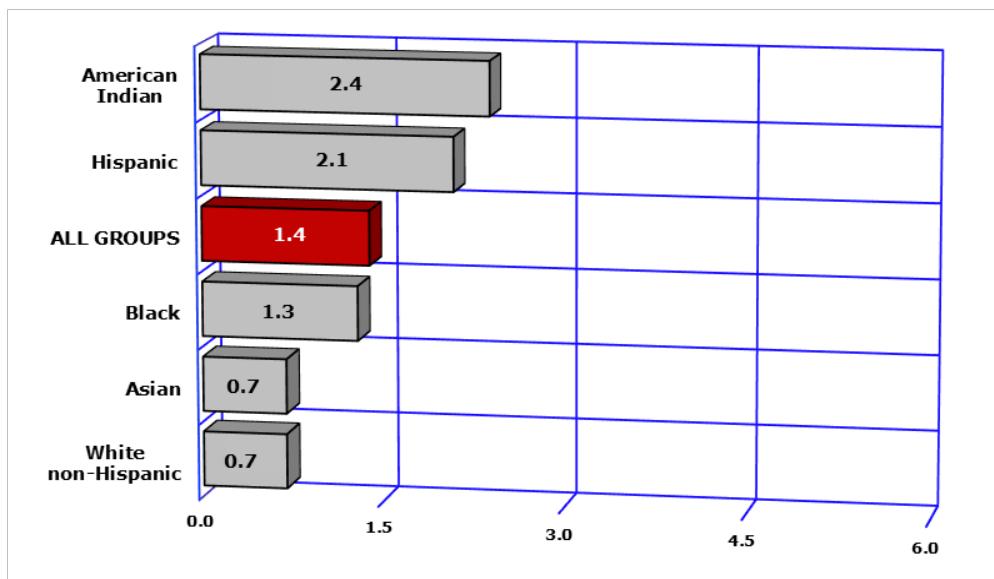
### 3-3 NO PRENATAL CARE

2023



Note: Per 100 live births.

2013



Note: Per 100 live births.

#### COMPARATIVE RATES FOR 2013 AND 2023

Year	Per 100 births by race/ethnicity					
	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2013	1.4	0.7	2.1	1.3	2.4	0.7
2023	2.4	1.6	3.0	2.9	3.8	1.3
% change from 2013	71.4	128.6	42.9	123.1	58.3	85.7

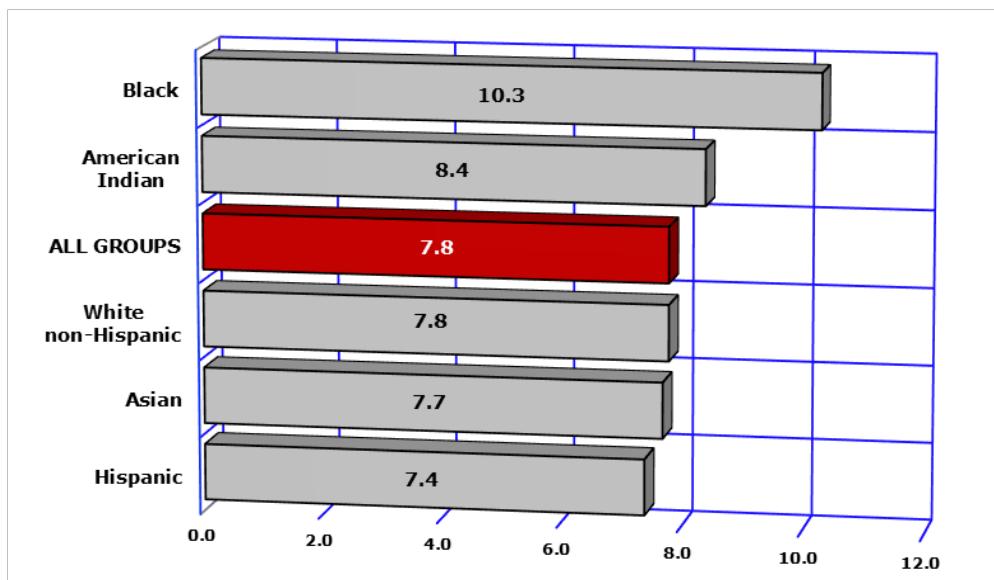
# 4

## Newborn's Health

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

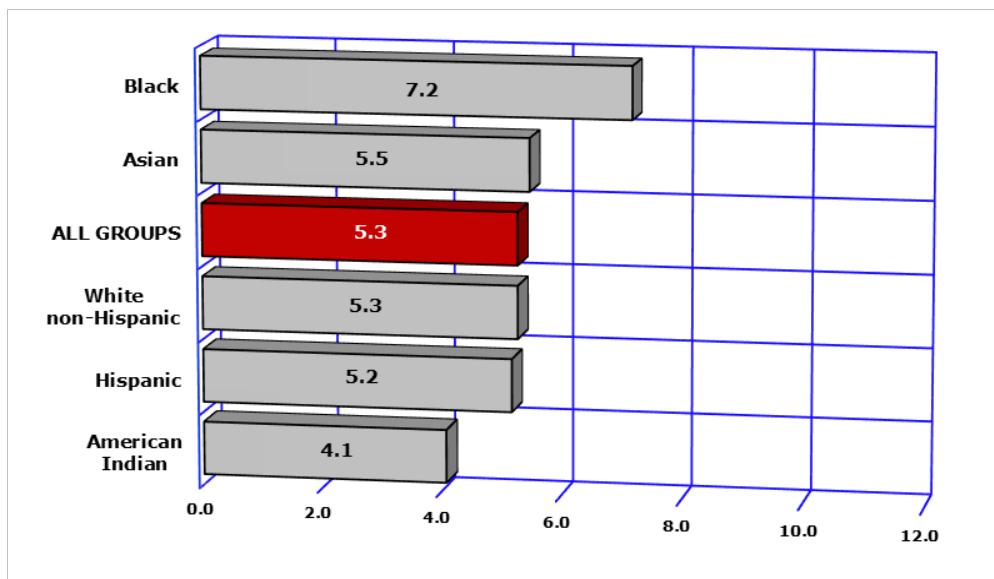
#### 4-1 NEWBORN INTENSIVE CARE

2023



Note: Per 100 live births.

2013



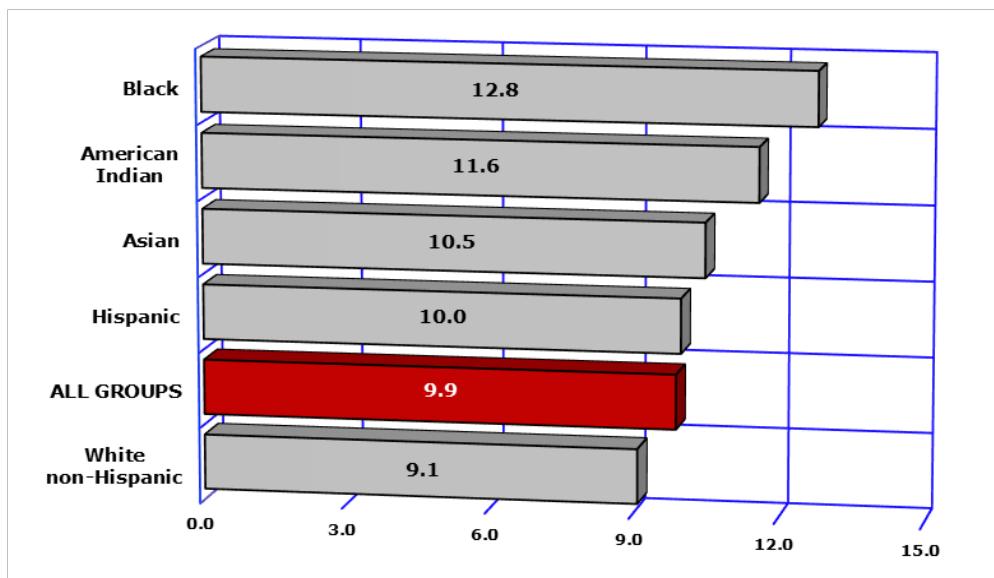
Note: Per 100 live births.

#### COMPARATIVE RATES FOR 2013 AND 2023

Year	Per 100 births by race/ethnicity					
	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2013	5.3	5.3	5.2	7.2	4.1	5.5
2023	7.8	7.8	7.4	10.3	8.4	7.7
% change from 2013	47.2	47.2	42.3	43.1	104.9	40.0

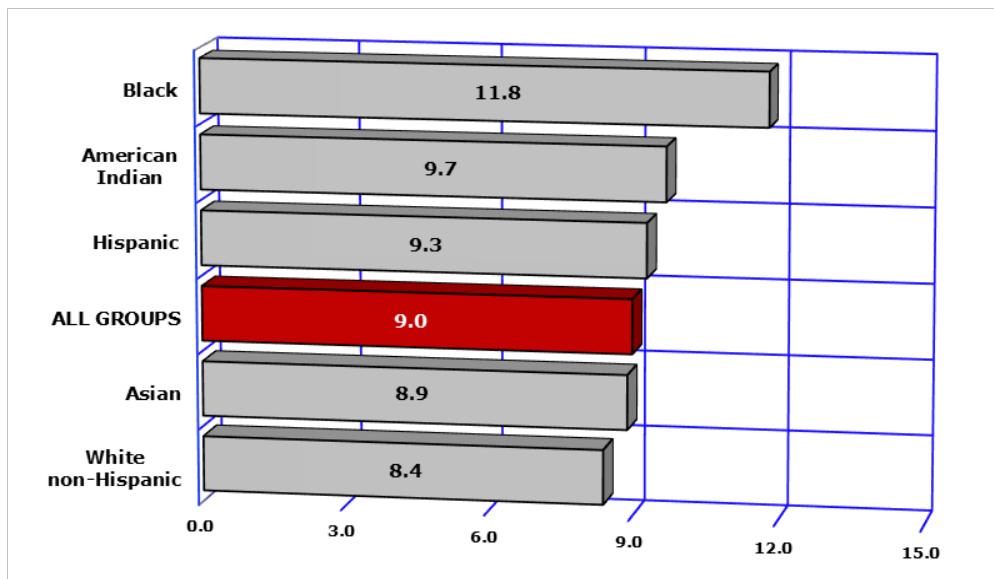
#### 4-2 BORN TOO EARLY (PRETERM OF <37 WEEKS)

2023



Note: Per 100 live births.

2013



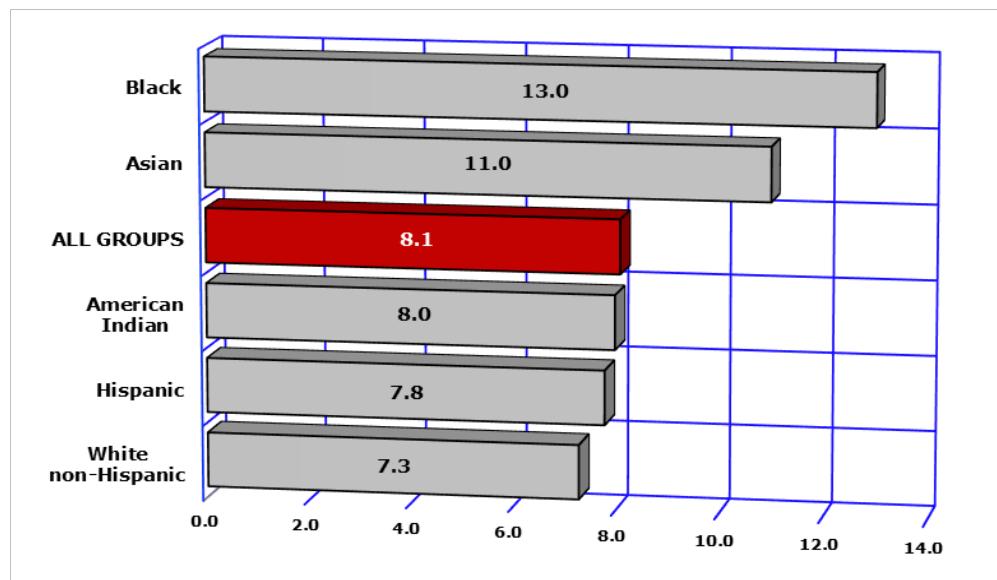
Note: Per 100 live births.

#### COMPARATIVE RATES FOR 2013 AND 2023

Year	Per 100 births by race/ethnicity					
	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2013	9.0	8.4	9.3	11.8	9.7	8.9
2023	9.9	9.1	10.0	12.8	11.6	10.5
% change from 2013	10.0	8.3	7.5	8.5	19.6	18.0

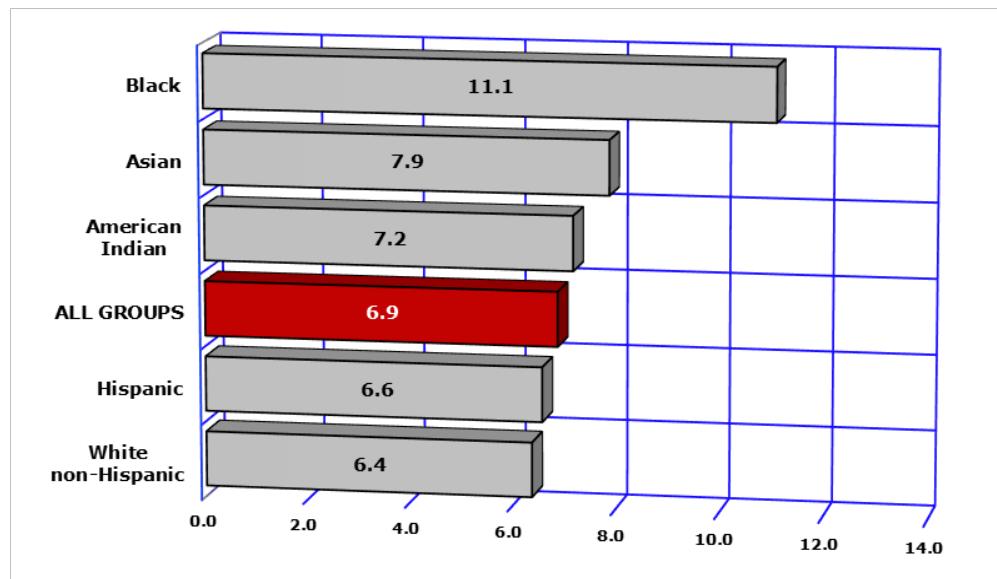
#### 4-3 BORN TOO SMALL: LOW BIRTHWEIGHT (<2,500 GRAMS)

2023



Note: Per 100 live births.

2013



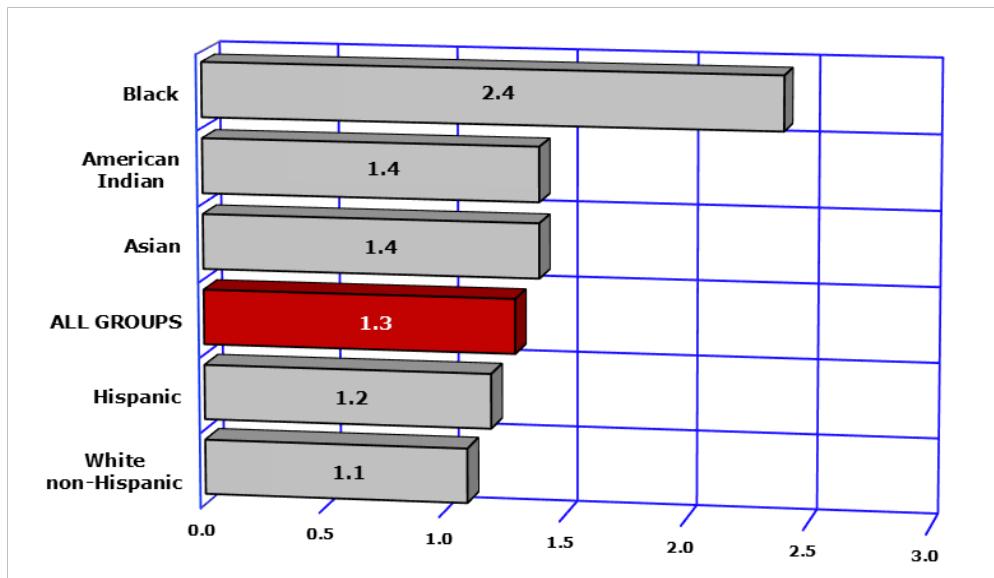
Note: Per 100 live births.

#### COMPARATIVE RATES FOR 2013 AND 2023

Year	Per 100 births by race/ethnicity					
	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2013	6.9	6.4	6.6	11.1	7.2	7.9
2023	8.1	7.3	7.8	13.0	8.0	11.0
% change from 2013	17.4	14.1	18.2	17.1	11.1	39.2

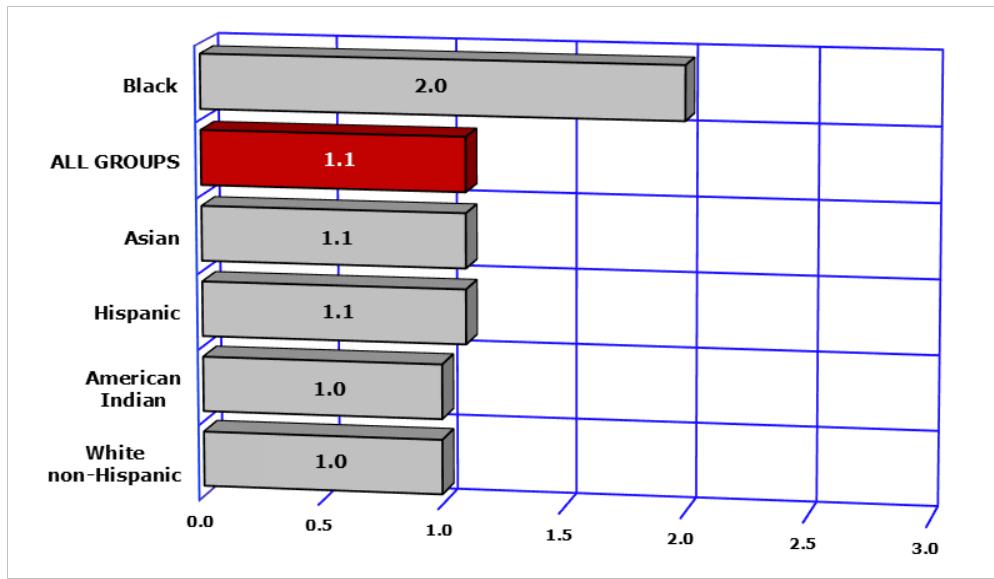
#### 4-4 BORN TOO SMALL: VERY LOW BIRTHWEIGHT (<1,500 GRAMS)

2023



Note: Per 100 live births.

2013



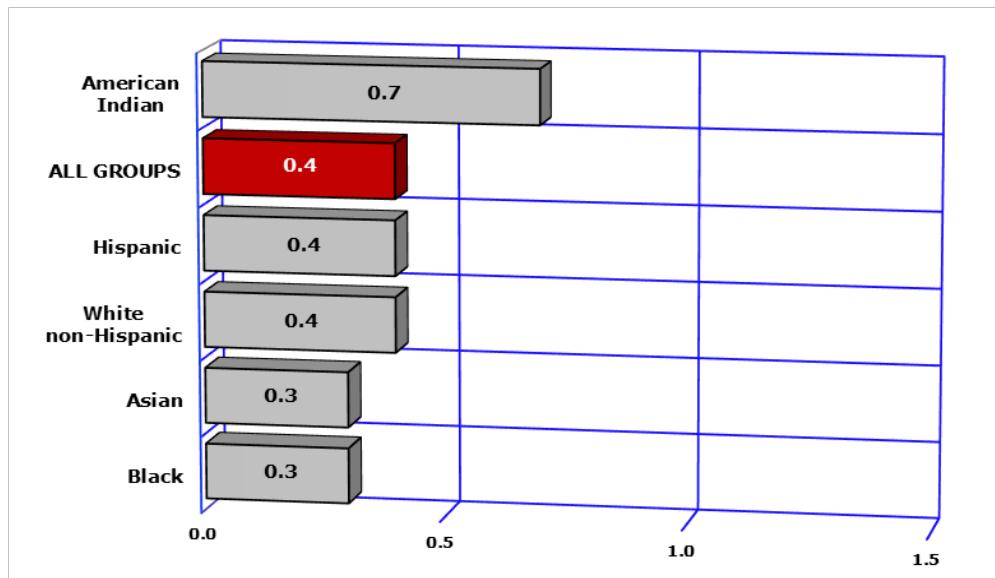
Note: Per 100 live births.

#### COMPARATIVE RATES FOR 2013 AND 2023

Year	Per 100 births by race/ethnicity					
	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2013	1.1	1.0	1.1	2.0	1.0	1.1
2023	1.3	1.1	1.2	2.4	1.4	1.4
% change from 2013	18.2	10.0	9.1	20.0	40.0	27.3

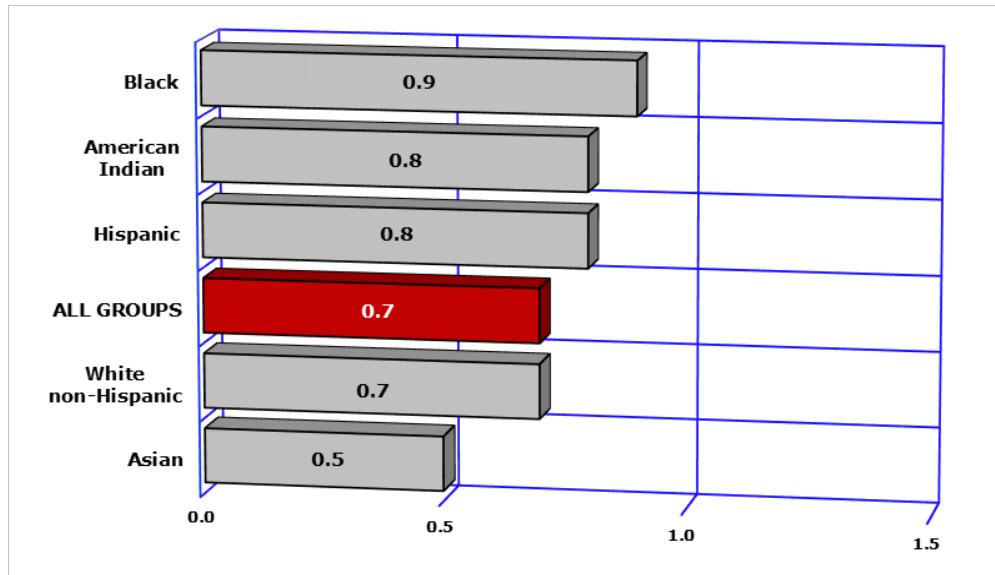
#### 4-5 INCIDENCE OF CONGENITAL ANOMALIES (BIRTH DEFECTS)\*

2023



Note: Per 100 live births.

2013

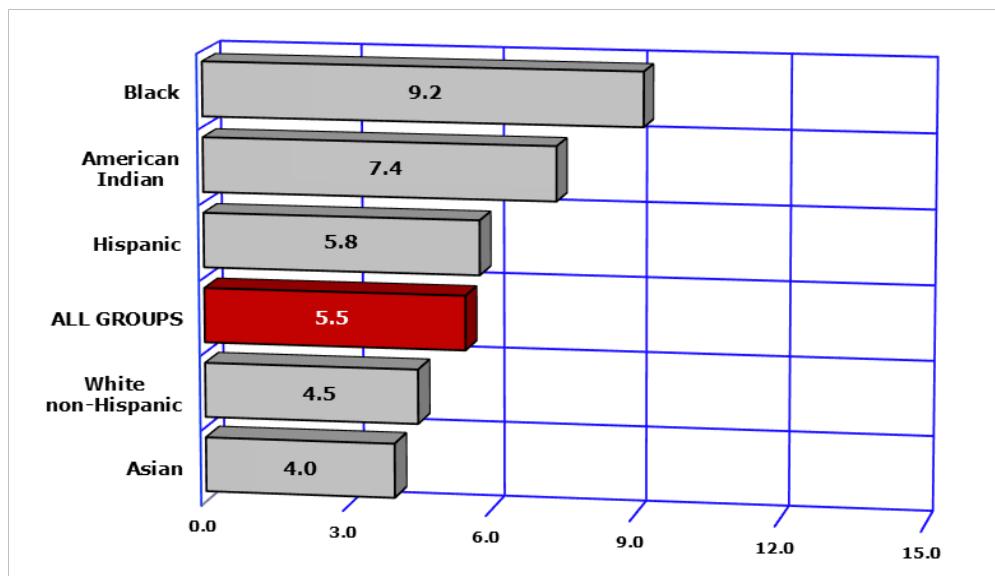


Note: Per 100 live births.

\* Due to differences in the manner this variable is collected in the revised version of the U.S Certificate of Live Birth implemented in 2014, 2013 and 2023 rates are not comparable.

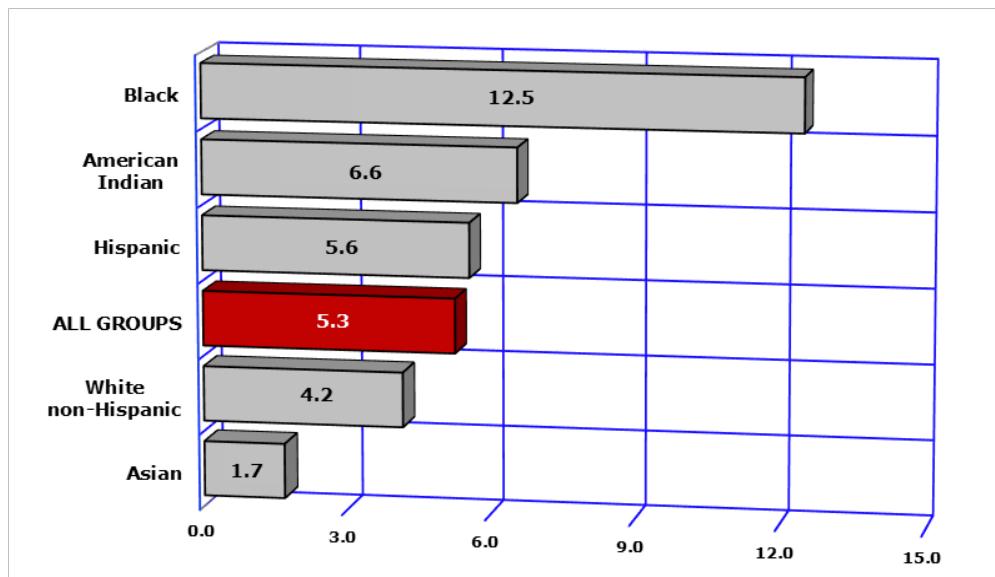
#### 4-6 INFANT MORTALITY

2023



Note: Per 100 live births.

2013



Note: Per 100 live births.

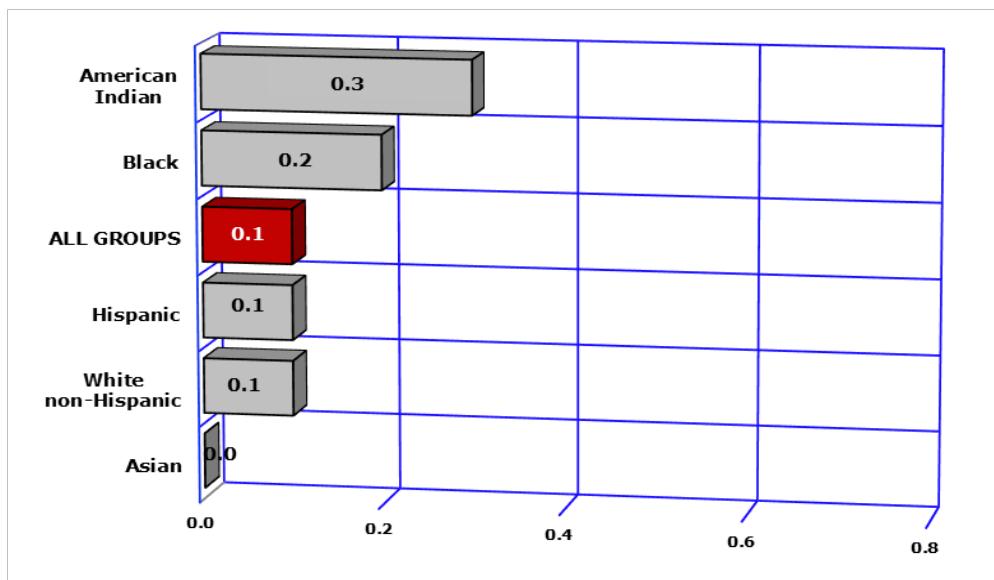
#### COMPARATIVE RATES FOR 2013 AND 2023

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
2013	5.3	4.2	5.6	12.5	6.6	1.7
2023	5.5	4.5	5.8	9.2	7.4	4.0
% change from 2013	3.8	7.1	3.6	-26.4	12.1	135.3

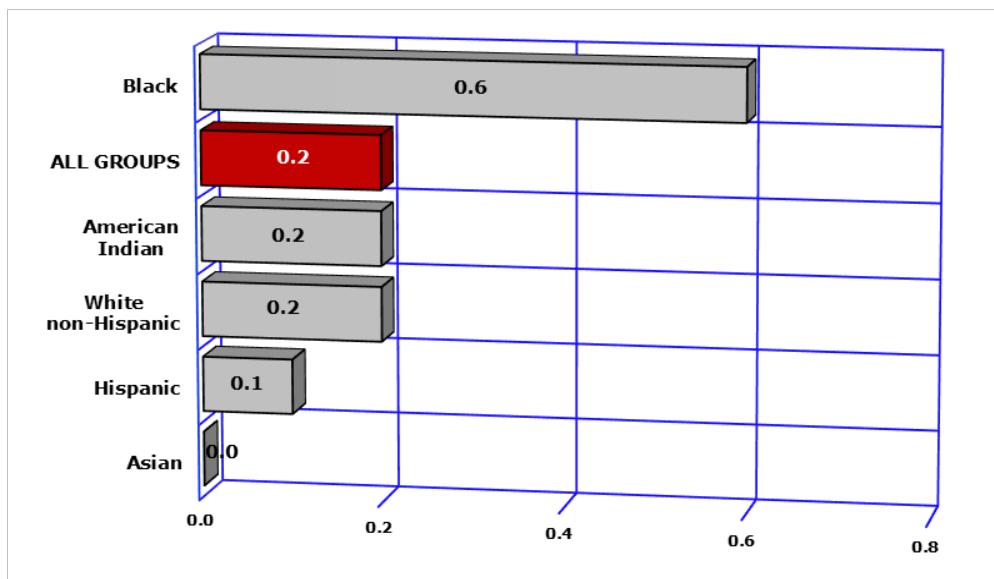
#### 4-7 SUDDEN INFANT DEATH SYNDROME (SIDS)

2023



Note: Per 1000 live births.

2013



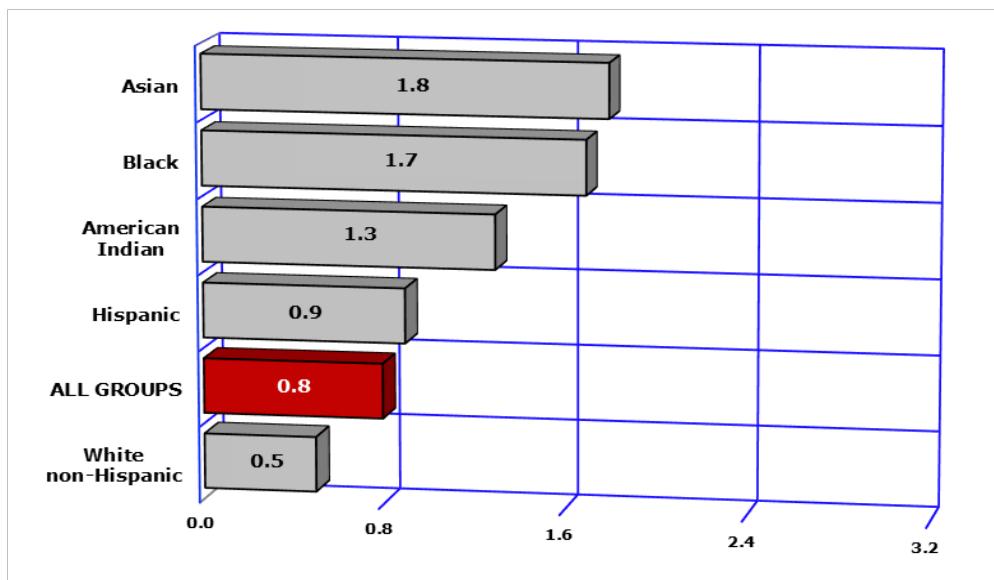
Note: Per 1000 live births.

#### COMPARATIVE RATES FOR 2013 AND 2023

Year	Per 1,000 births by race/ethnicity					
	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2013	0.2	0.2	0.1	0.6	0.2	0.0
2023	0.1	0.1	0.1	0.2	0.3	0.0
% change from 2013	-50.0	-50.0	0.0	-66.7	50.0	0.0

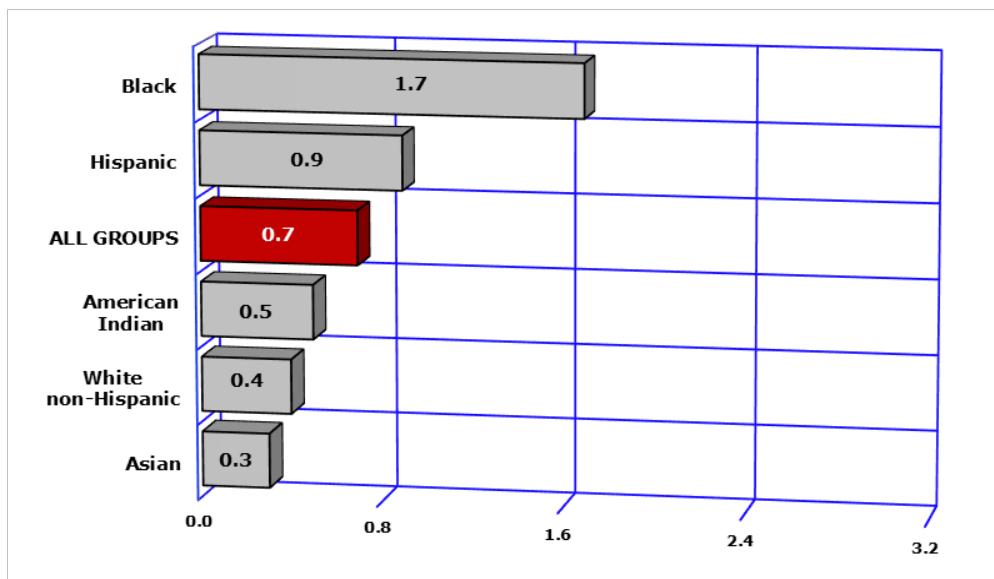
#### 4-8 MORTALITY OF INFANTS FROM LOW BIRTHWEIGHT/SHORT GESTATION

2023



Note: Per 1000 live births.

2013



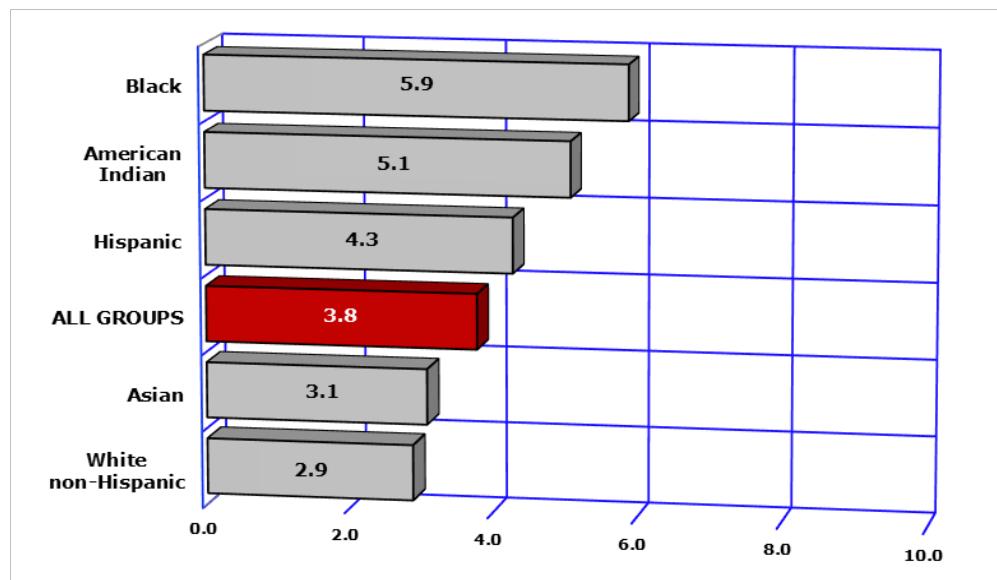
Note: Per 1000 live births.

#### COMPARATIVE RATES FOR 2013 AND 2023

Year	Per 1,000 births by race/ethnicity					
	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2013	0.7	0.4	0.9	1.7	0.5	0.3
2023	0.8	0.5	0.9	1.7	1.3	1.8
% change from 2013	14.3	25.0	0.0	0.0	160.0	500.0

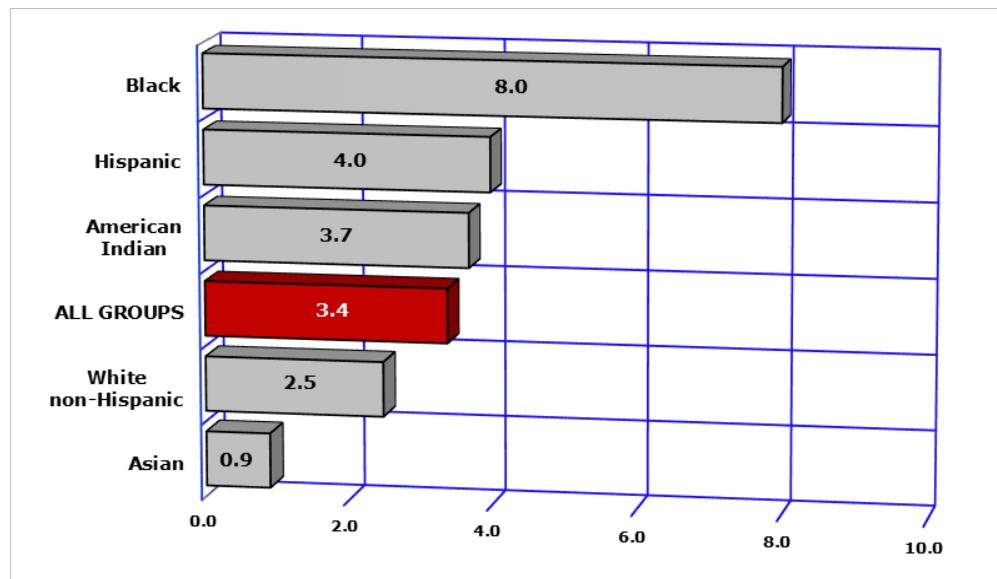
#### 4-9 NEONATAL MORTALITY

2023



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

2013



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

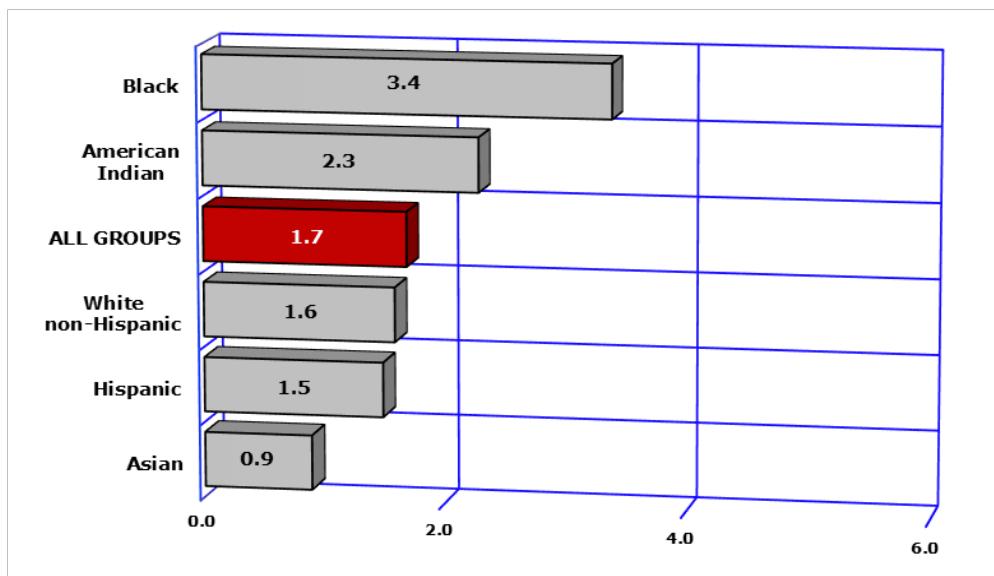
#### COMPARATIVE RATES FOR 2013 AND 2023

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
2013	3.4	2.5	4.0	8.0	3.7	0.9
2023	3.8	2.9	4.3	5.9	5.1	3.1
% change from 2013	11.8	16.0	7.5	-26.3	37.8	244.4

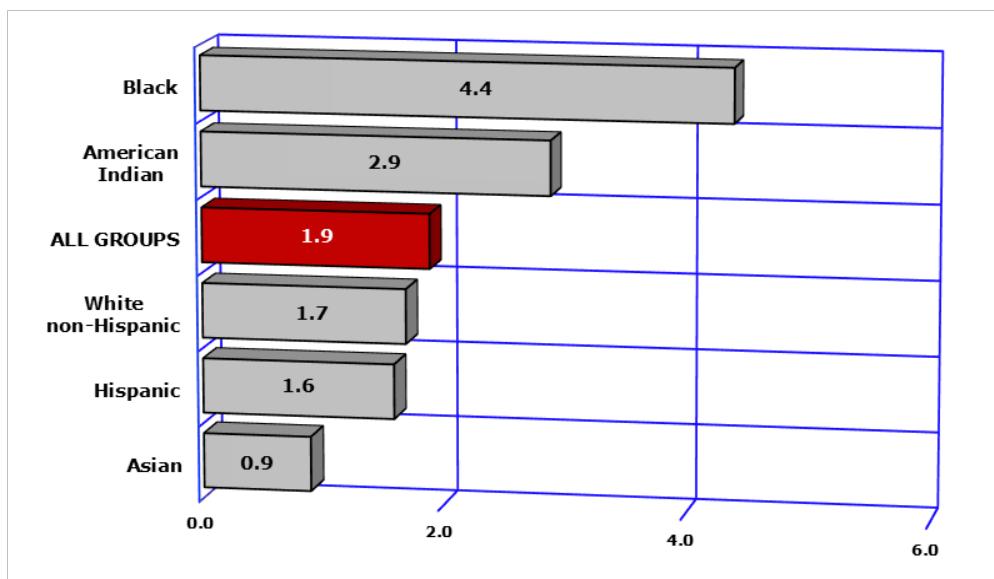
#### 4-10 POSTNEONATAL MORTALITY

2023



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

2013



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

#### COMPARATIVE RATES FOR 2013 AND 2023

Year	Per 1,000 births by race/ethnicity					
	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2013	1.9	1.7	1.6	4.4	2.9	0.9
2023	1.7	1.6	1.5	3.4	2.3	0.9
% change from 2013	-10.5	-5.9	-6.3	-22.7	-20.7	0.0



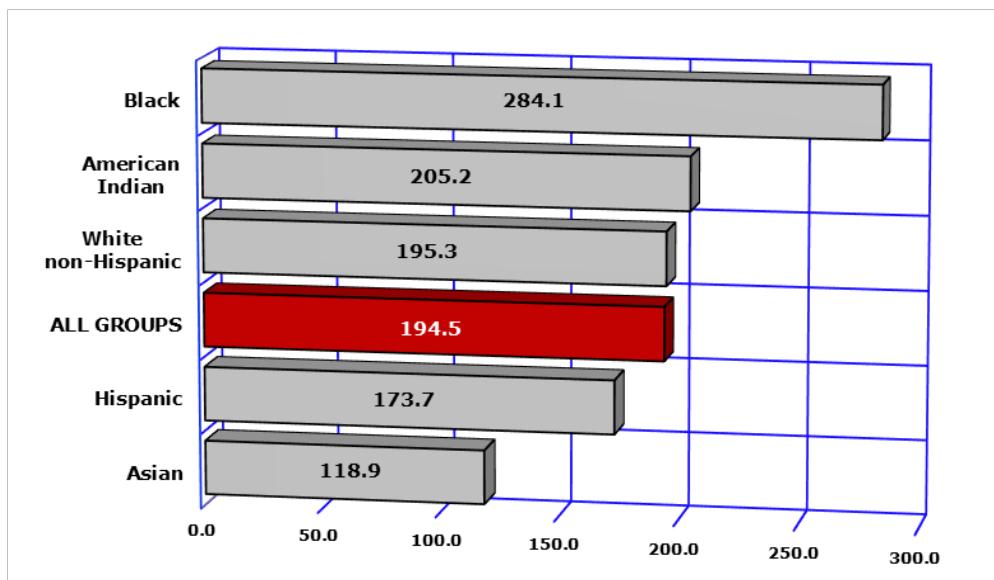
# 5

## 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   COVID-19**
- 5-21   Mortality from All Causes**

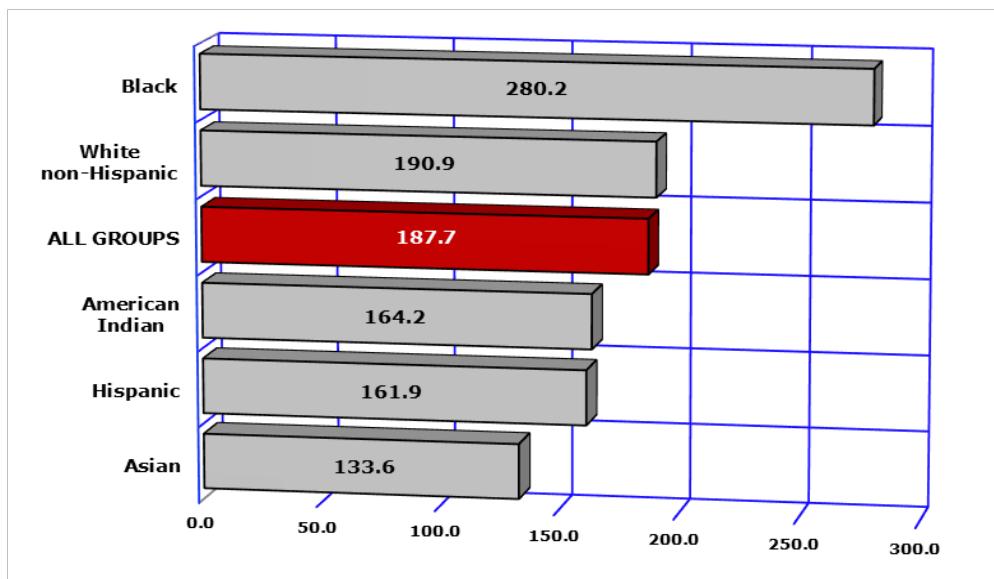
## 5-1 CARDIOVASCULAR DISEASE

2023



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

2013



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

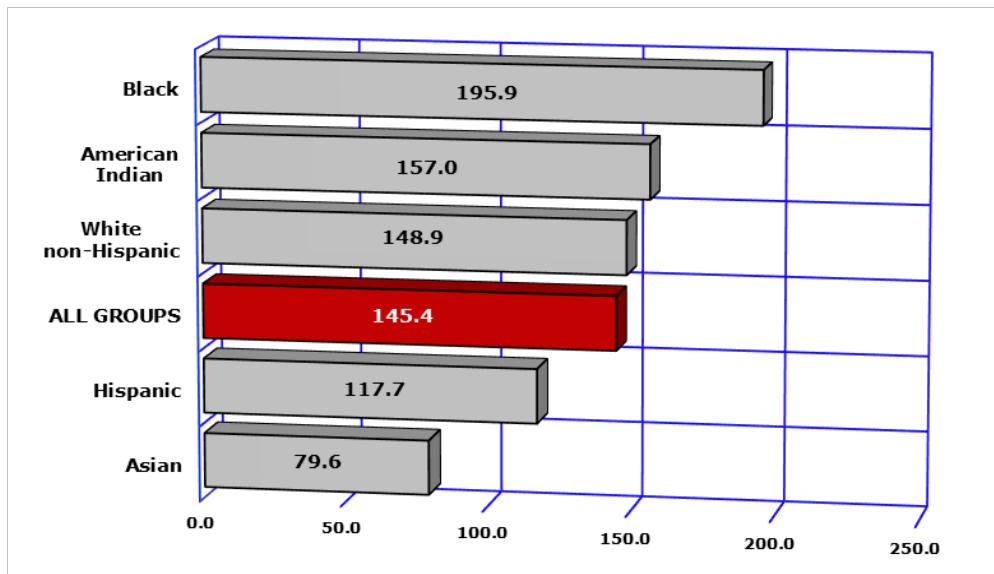
### COMPARATIVE RATES FOR 2013 AND 2023

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
2013	187.7	190.9	161.9	280.2	164.2	133.6
2023	194.5	195.3	173.7	284.1	205.2	118.9
% change from 2013	3.6	2.3	7.3	1.4	25.0	-11.0

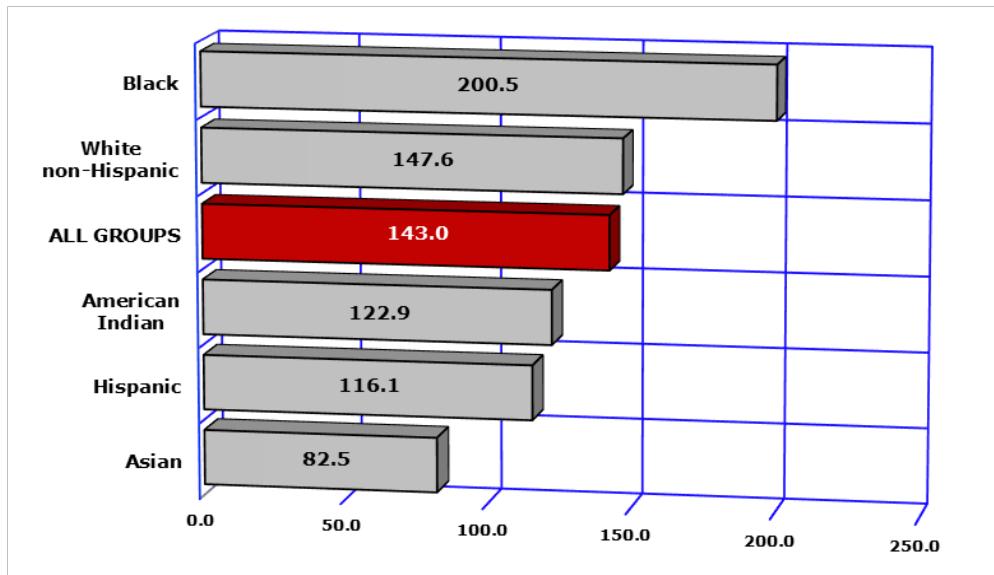
## 5-2 DISEASES OF THE HEART

2023



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

2013



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

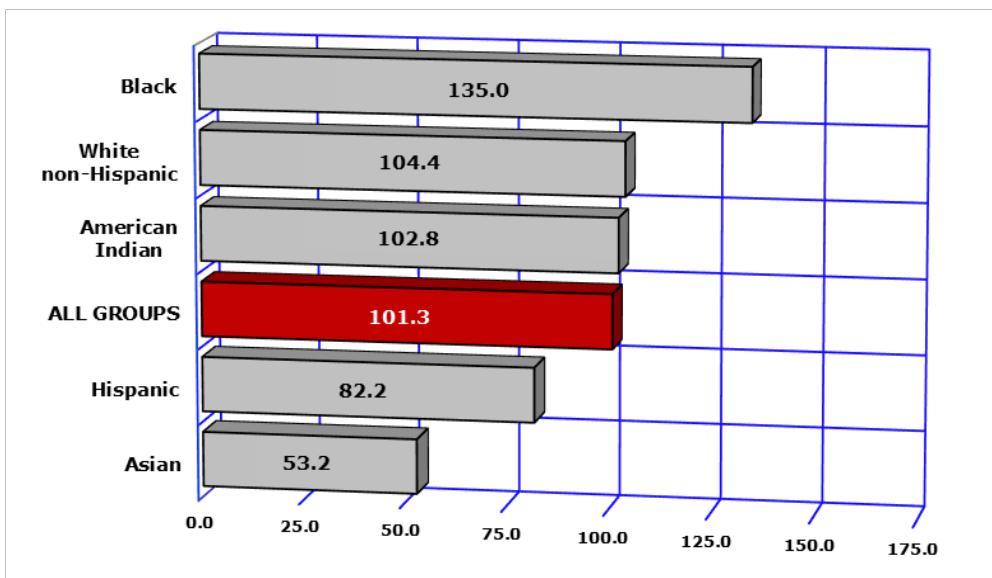
### COMPARATIVE RATES FOR 2013 AND 2023

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
2013	143.0	147.6	116.1	200.5	122.9	82.5
2023	145.4	148.9	117.7	195.9	157.0	79.6
% change from 2013	1.7	0.9	1.4	-2.3	27.7	-3.5

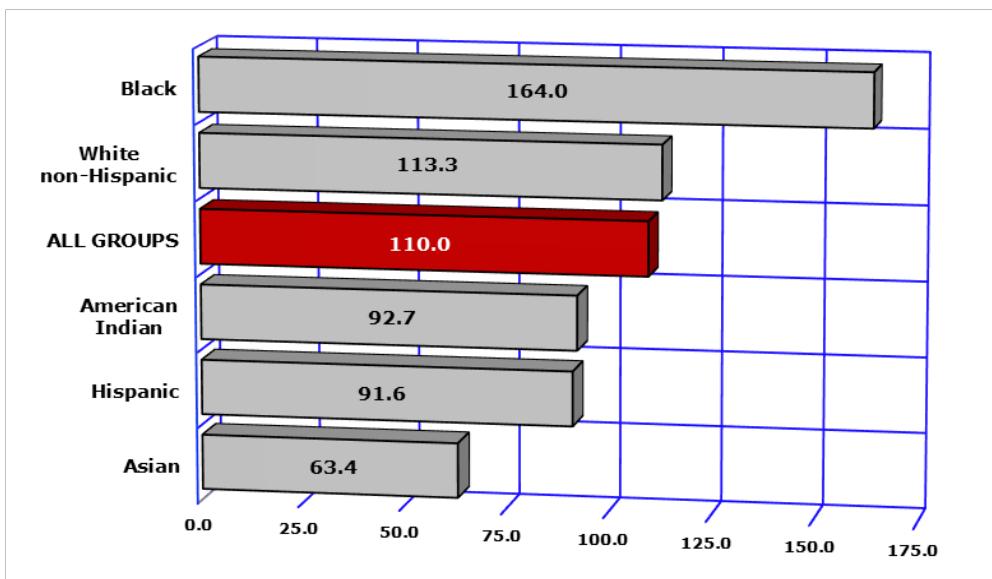
### 5-3 CORONARY HEART DISEASE

2023



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

2013



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

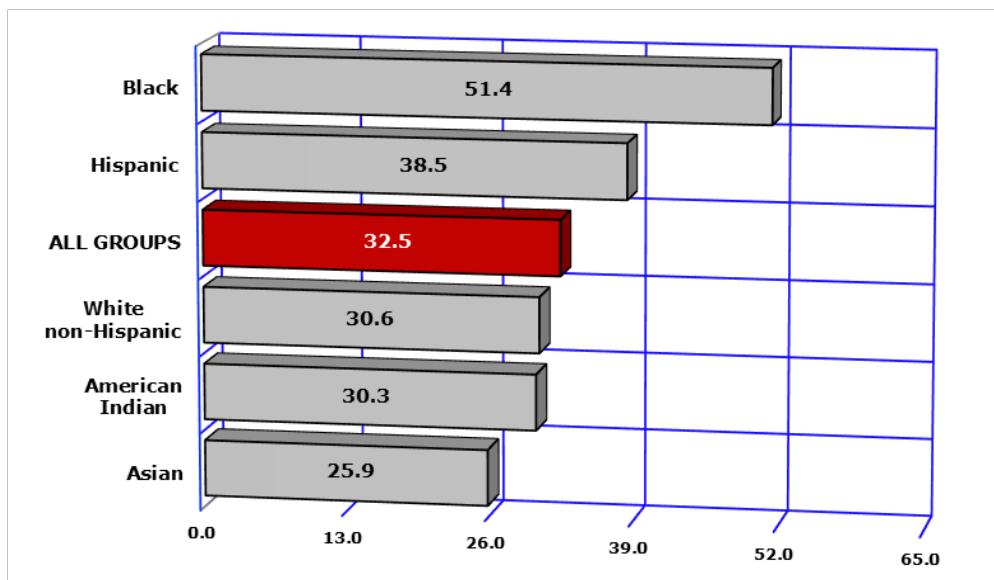
#### COMPARATIVE RATES FOR 2013 AND 2023

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
2013	110.0	113.3	91.6	164.0	92.7	63.4
2023	101.3	104.4	82.2	135.0	102.8	53.2
% change from 2013	-7.9	-7.9	-10.3	-17.7	10.9	-16.1

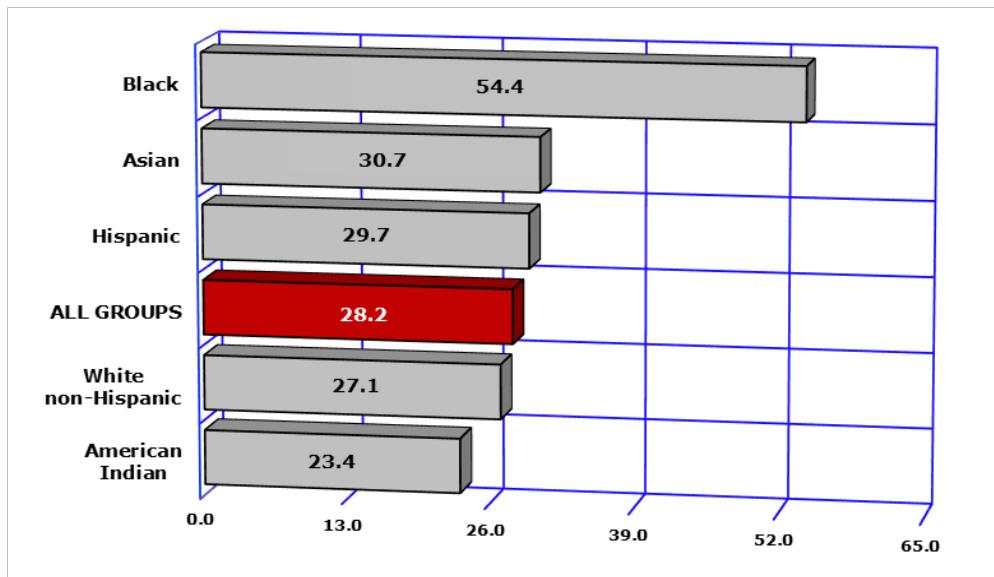
## 5-4 CEREBROVASCULAR DISEASE

2023



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

2013



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

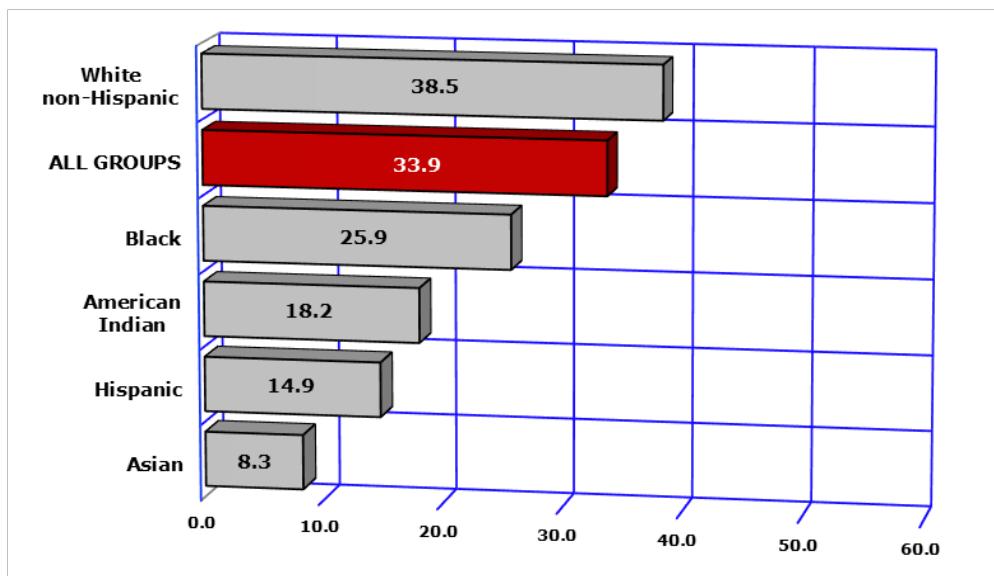
### COMPARATIVE RATES FOR 2013 AND 2023

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
2013	28.2	27.1	29.7	54.4	23.4	30.7
2023	32.5	30.6	38.5	51.4	30.3	25.9
% change from 2013	15.2	12.9	29.6	-5.5	29.5	-15.6

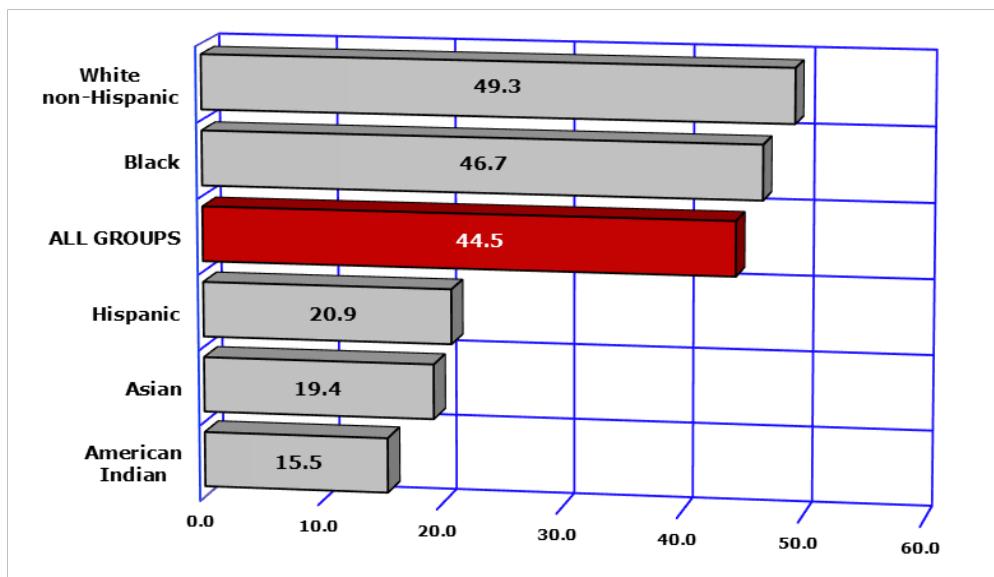
## 5-5 CHRONIC LOWER RESPIRATORY DISEASE

2023



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

2013



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

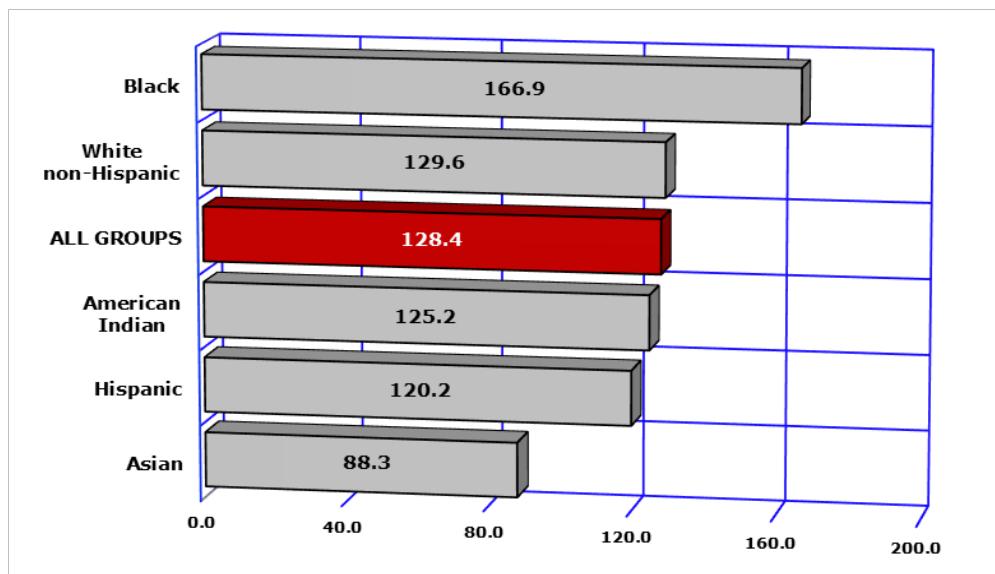
### COMPARATIVE RATES FOR 2013 AND 2023

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
2013	44.5	49.3	20.9	46.7	15.5	19.4
2023	33.9	38.5	14.9	25.9	18.2	8.3
% change from 2013	-23.8	-21.9	-28.7	-44.5	17.4	-57.2

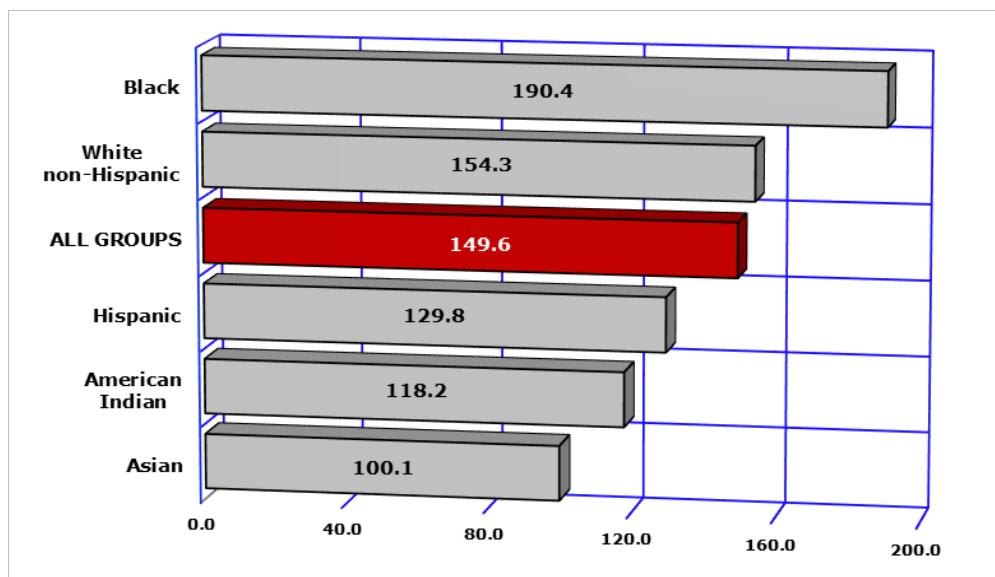
## 5-6 MALIGNANT NEOPLASM (CANCER)

2023



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

2013



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

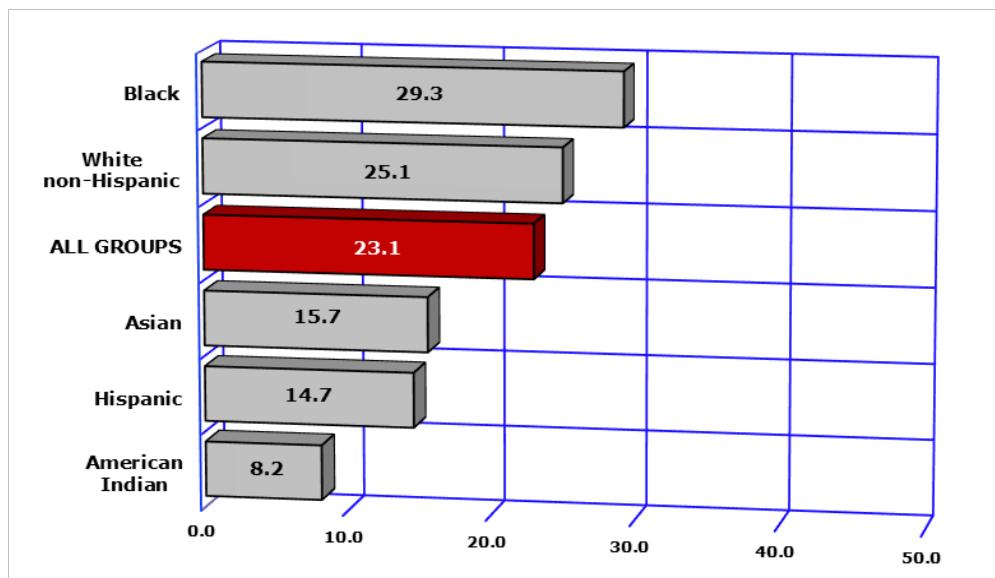
### COMPARATIVE RATES FOR 2013 AND 2023

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
2013	149.6	154.3	129.8	190.4	118.2	100.1
2023	128.4	129.6	120.2	166.9	125.2	88.3
% change from 2013	-14.2	-16.0	-7.4	-12.3	5.9	-11.8

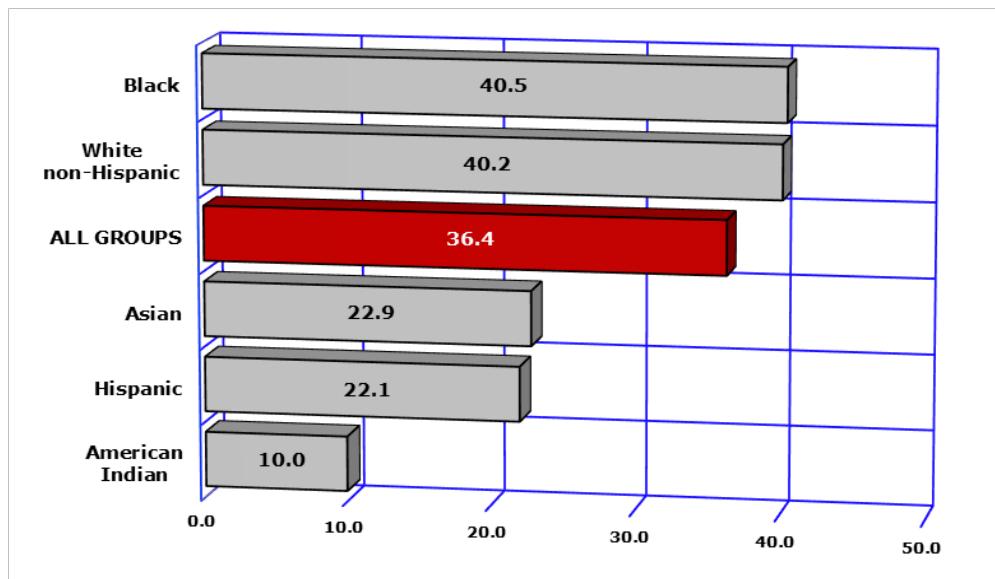
## 5-7 LUNG CANCER

2023



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

2013



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

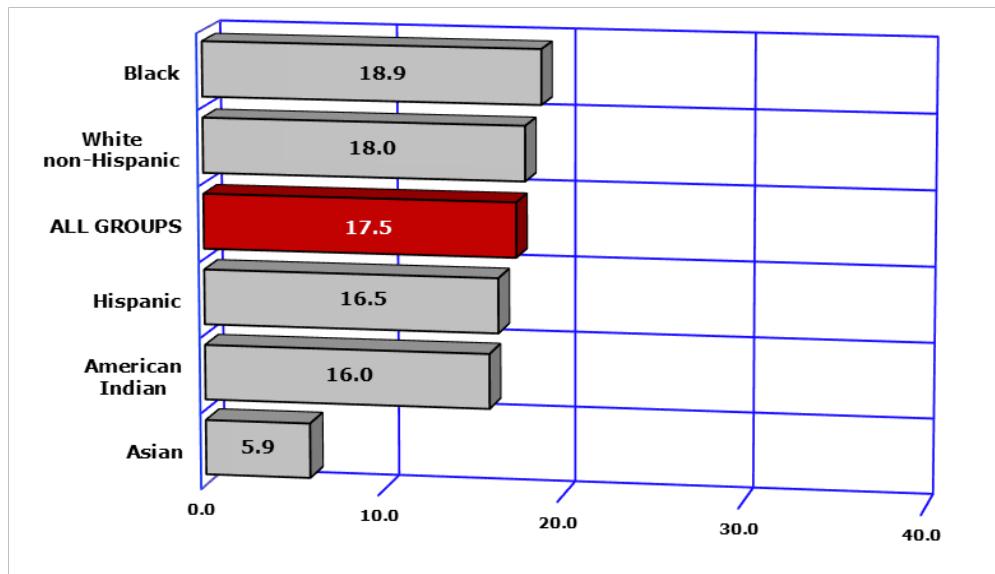
### COMPARATIVE RATES FOR 2013 AND 2023

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
2013	36.4	40.2	22.1	40.5	10.0	22.9
2023	23.1	25.1	14.7	29.3	8.2	15.7
% change from 2013	-36.5	-37.6	-33.5	-27.7	-18.0	-31.4

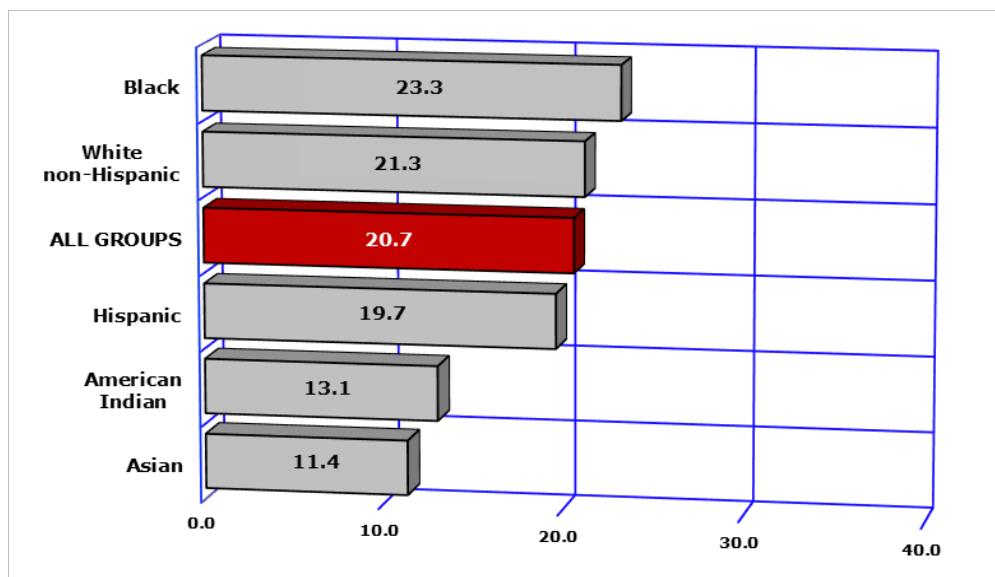
## 5-8 BREAST CANCER (FEMALE)

2023



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

2013



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

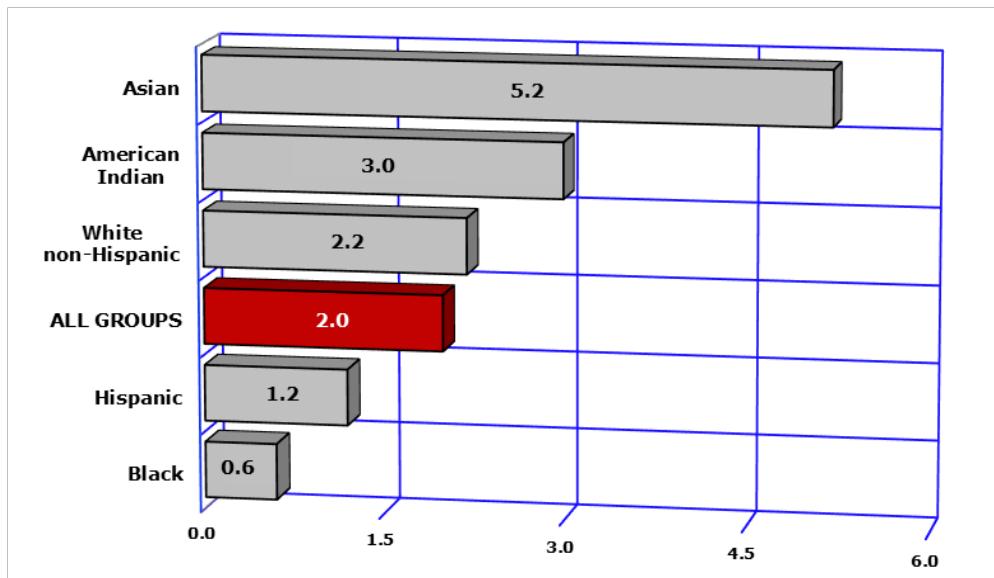
### COMPARATIVE RATES FOR 2013 AND 2023

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
2013	20.7	21.3	19.7	23.3	13.1	11.4
2023	17.5	18.0	16.5	18.9	16.0	5.9
% change from 2013	-15.5	-15.5	-16.2	-18.9	22.1	-48.2

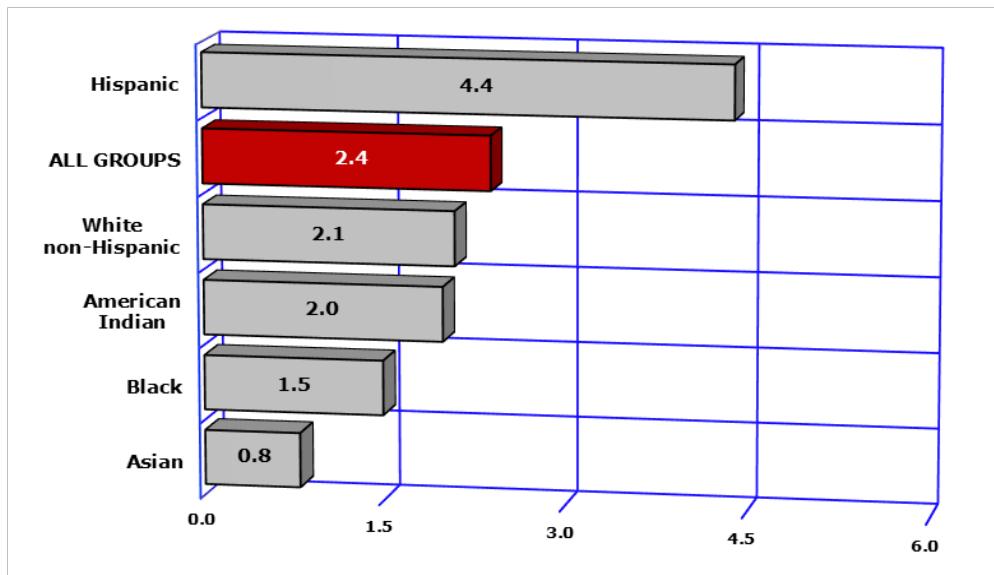
## 5-9 CERVICAL CANCER

2023



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

2013



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

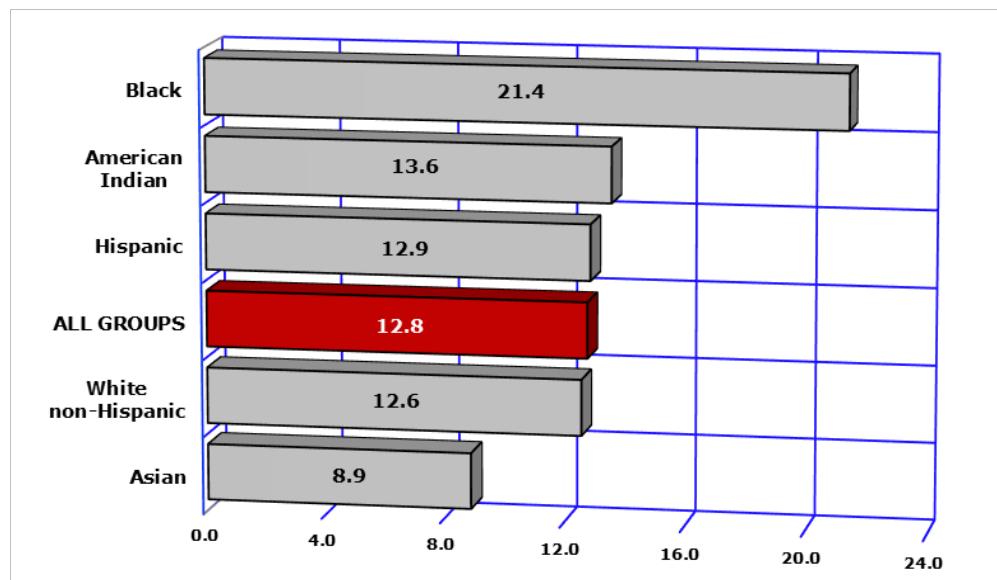
### COMPARATIVE RATES FOR 2013 AND 2023

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
2013	2.4	2.1	4.4	1.5	2.0	0.8
2023	2.0	2.2	1.2	0.6	3.0	5.2
% change from 2013	-16.7	4.8	-72.7	-60.0	50.0	550.0

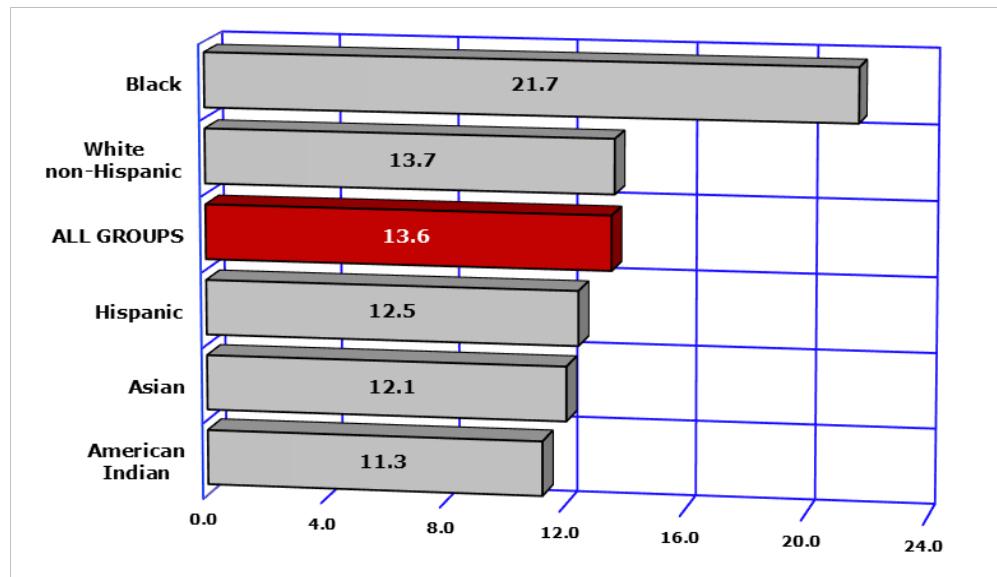
## 5-10 COLORECTAL CANCER

2023



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

2013



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

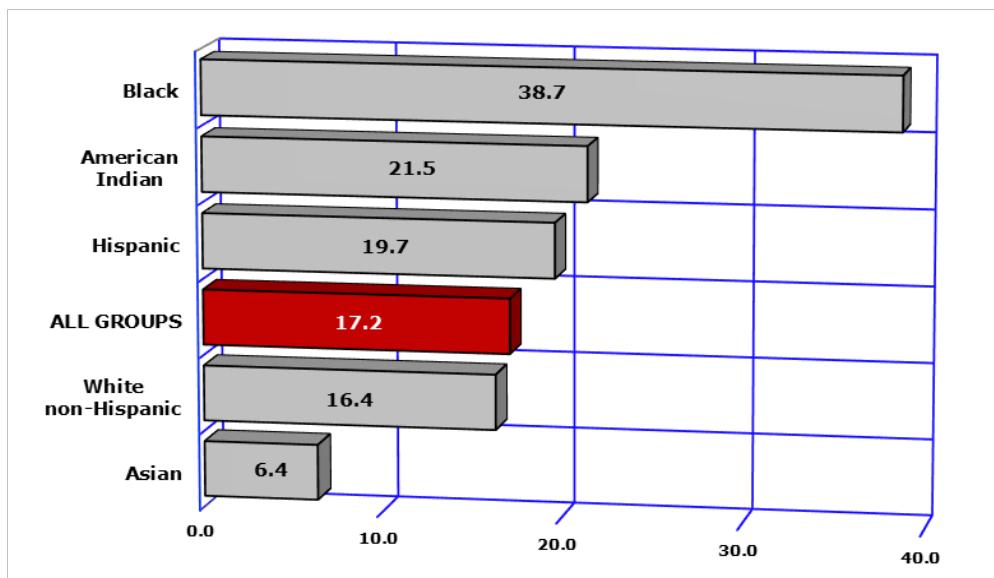
### COMPARATIVE RATES FOR 2013 AND 2023

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
2013	13.6	13.7	12.5	21.7	11.3	12.1
2023	12.8	12.6	12.9	21.4	13.6	8.9
% change from 2013	-5.9	-8.0	3.2	-1.4	20.4	-26.4

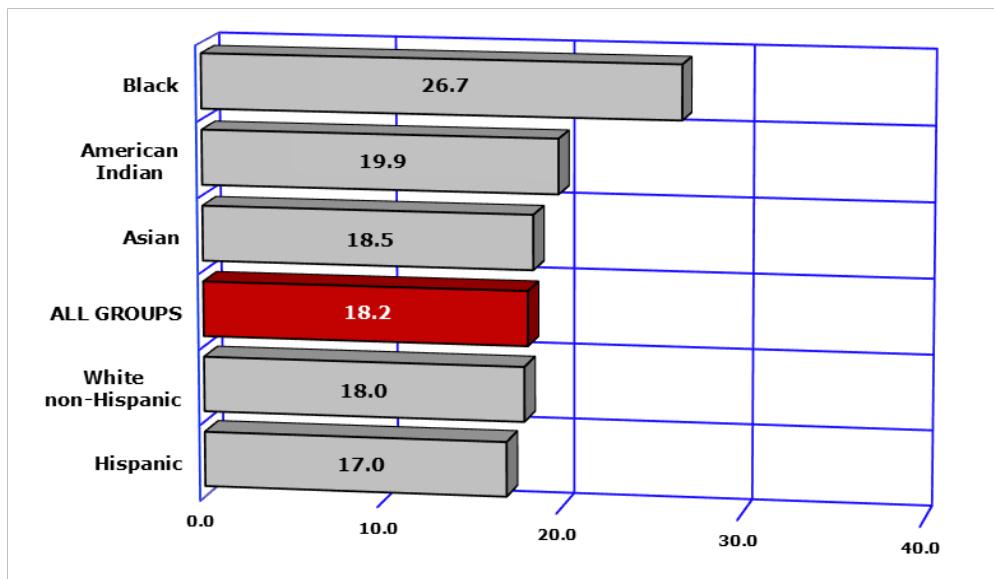
## 5-11 PROSTATE CANCER

2023



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

2013



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

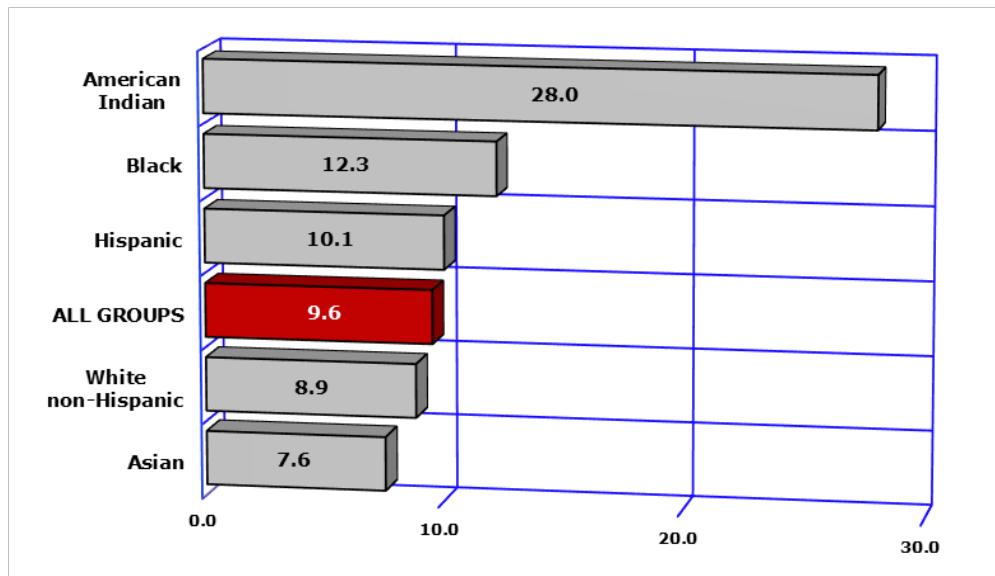
### COMPARATIVE RATES FOR 2013 AND 2023

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
2013	18.2	18.0	17.0	26.7	19.9	18.5
2023	17.2	16.4	19.7	38.7	21.5	6.4
% change from 2013	-5.5	-8.9	15.9	44.9	8.0	-65.4

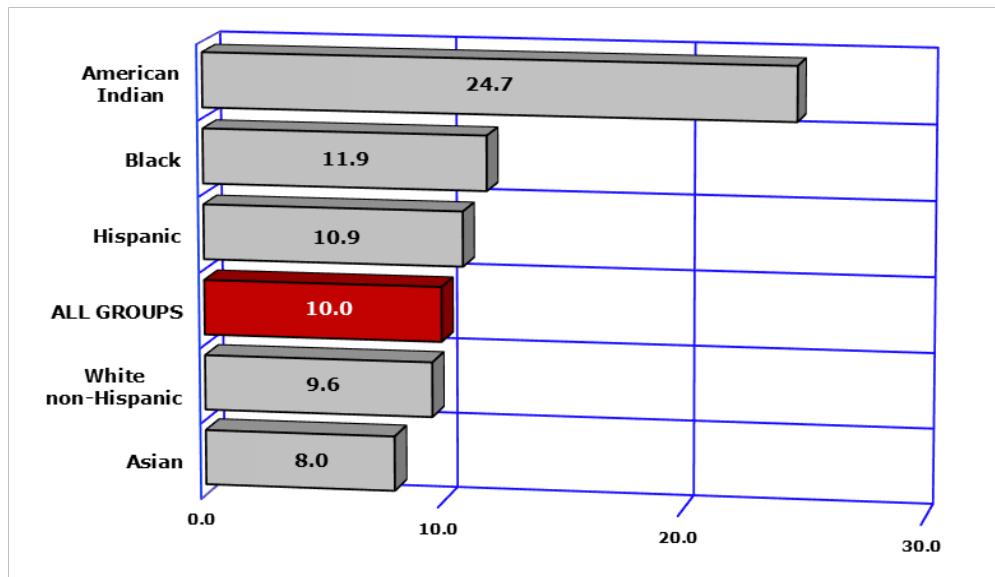
## 5-12 INFLUENZA AND PNEUMONIA

2023



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

2013



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

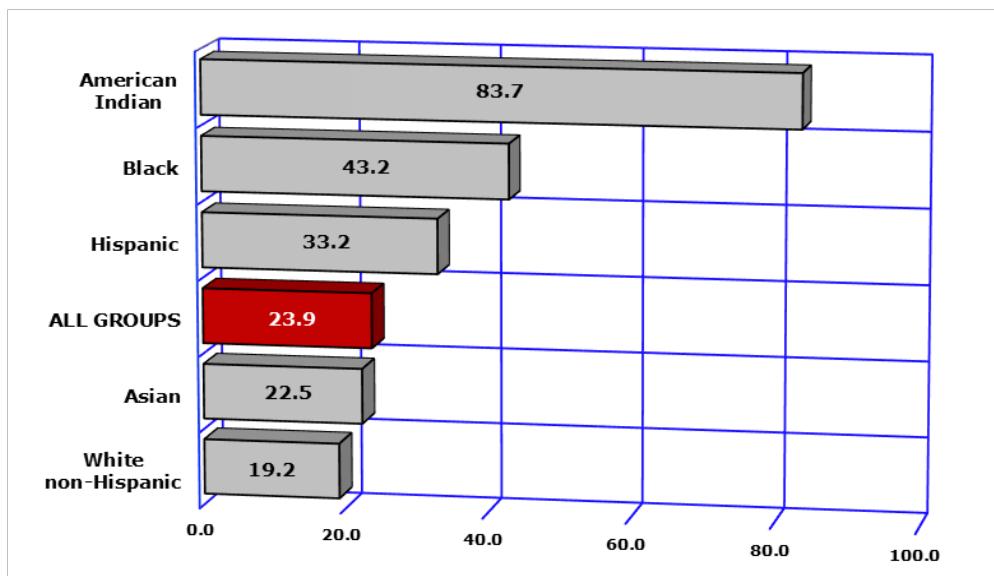
### COMPARATIVE RATES FOR 2013 AND 2023

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
2013	10.0	9.6	10.9	11.9	24.7	8.0
2023	9.6	8.9	10.1	12.3	28.0	7.6
% change from 2013	-4.0	-7.3	-7.3	3.4	13.4	-5.0

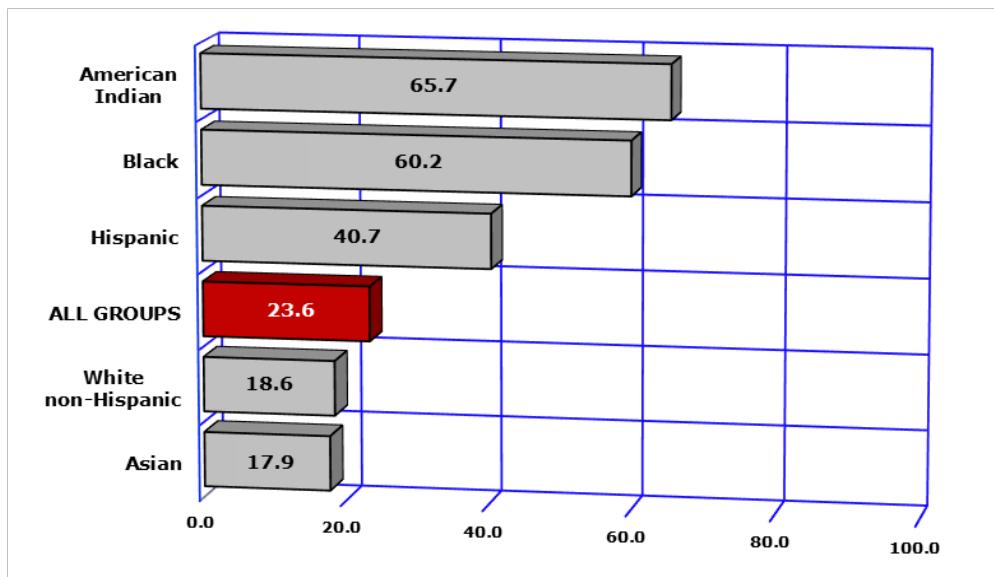
## 5-13 DIABETES

2023



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

2013



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

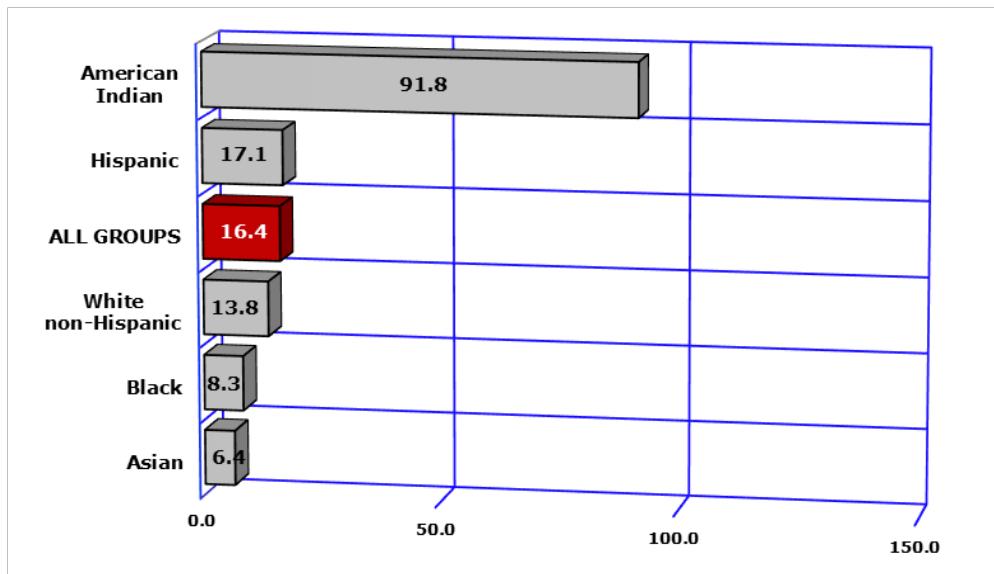
### COMPARATIVE RATES FOR 2013 AND 2023

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
2013	23.6	18.6	40.7	60.2	65.7	17.9
2023	23.9	19.2	33.2	43.2	83.7	22.5
% change from 2013	1.3	3.2	-18.4	-28.2	27.4	25.7

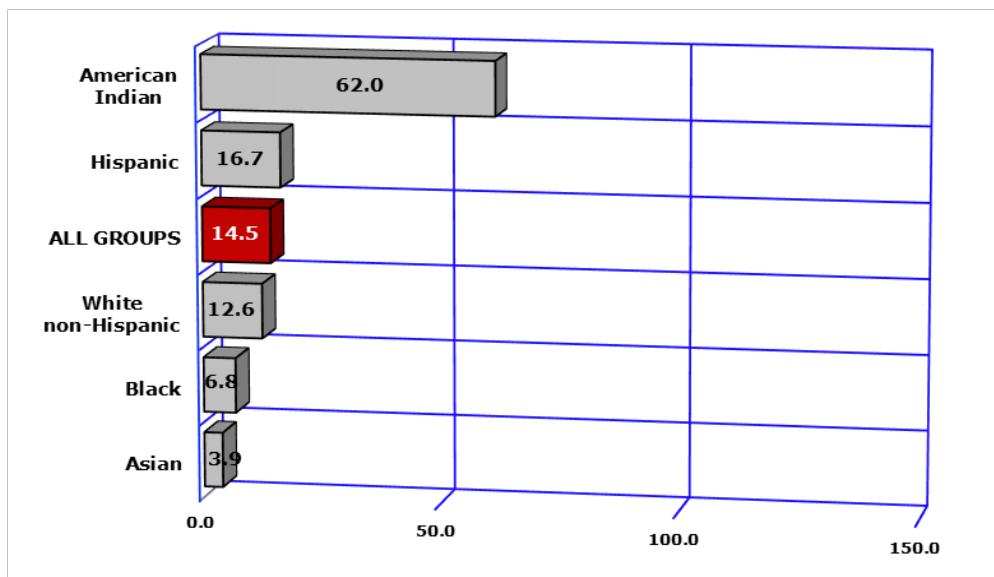
## 5-14 CHRONIC LIVER DISEASE AND CIRRHOsis

2023



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

2013



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

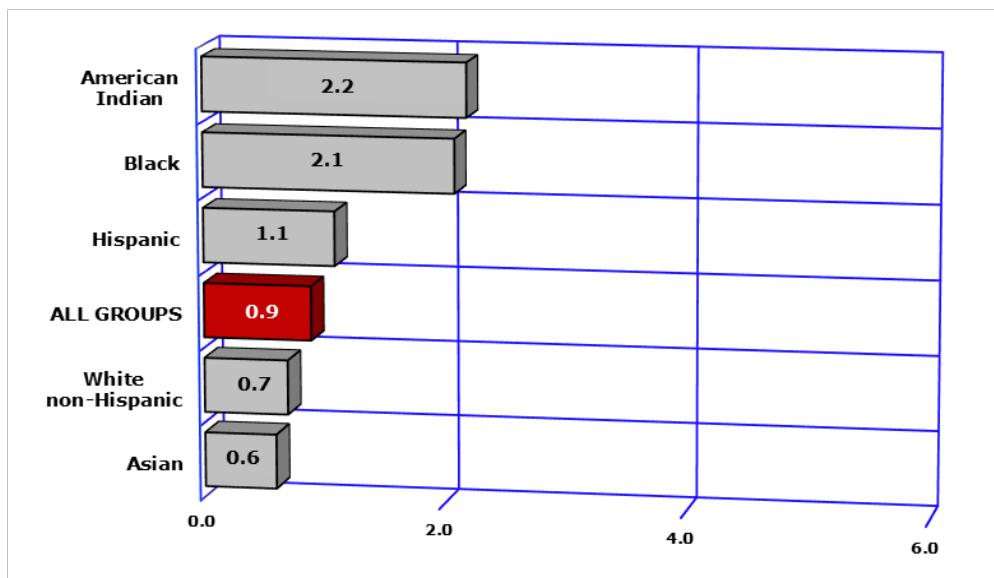
### COMPARATIVE RATES FOR 2013 AND 2023

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
2013	14.5	12.6	16.7	6.8	62.0	3.9
2023	16.4	13.8	17.1	8.3	91.8	6.4
% change from 2013	13.1	9.5	2.4	22.1	48.1	64.1

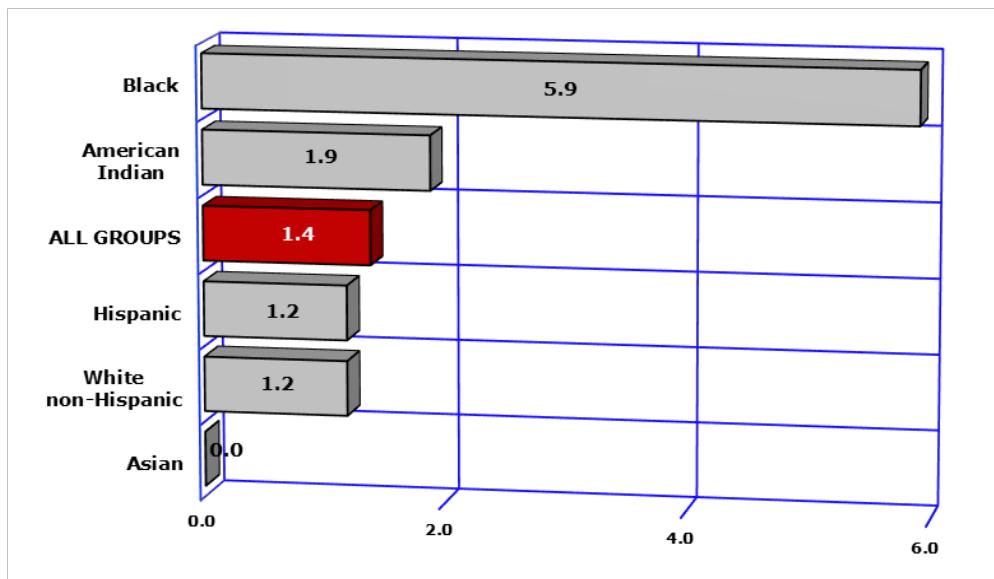
## 5-15 HIV DISEASE

2023



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

2013



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

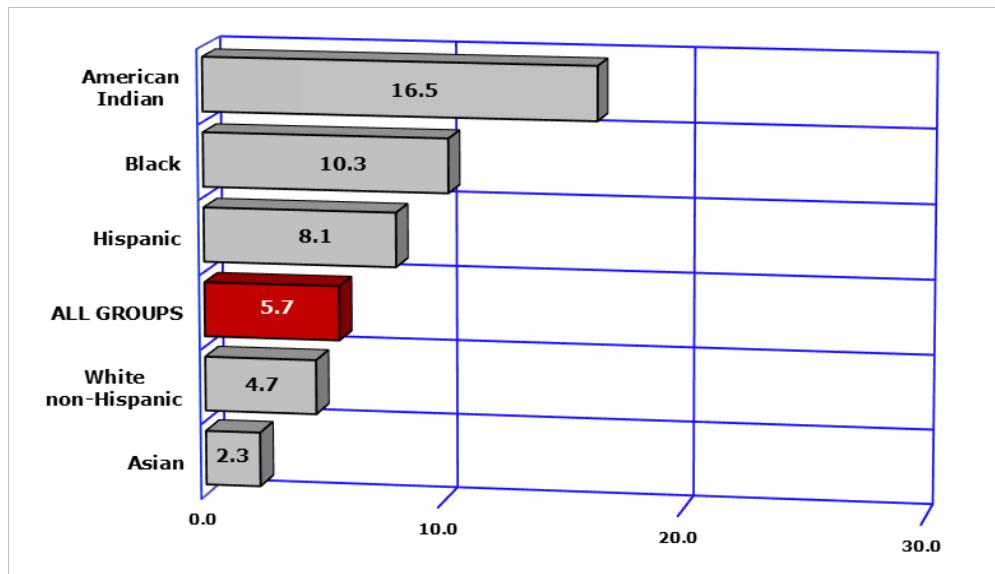
### COMPARATIVE RATES FOR 2013 AND 2023

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
2013	1.4	1.2	1.2	5.9	1.9	0.0
2023	0.9	0.7	1.1	2.1	2.2	0.6
% change from 2013	-35.7	-41.7	-8.3	-64.4	15.8	NA

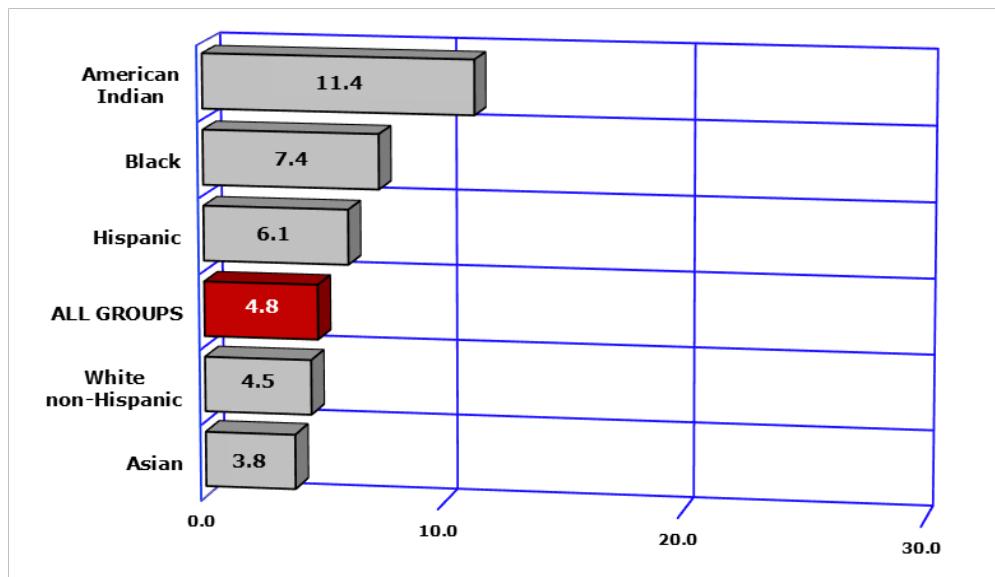
## 5-16 SEPTICEMIA

2023



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

2013



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

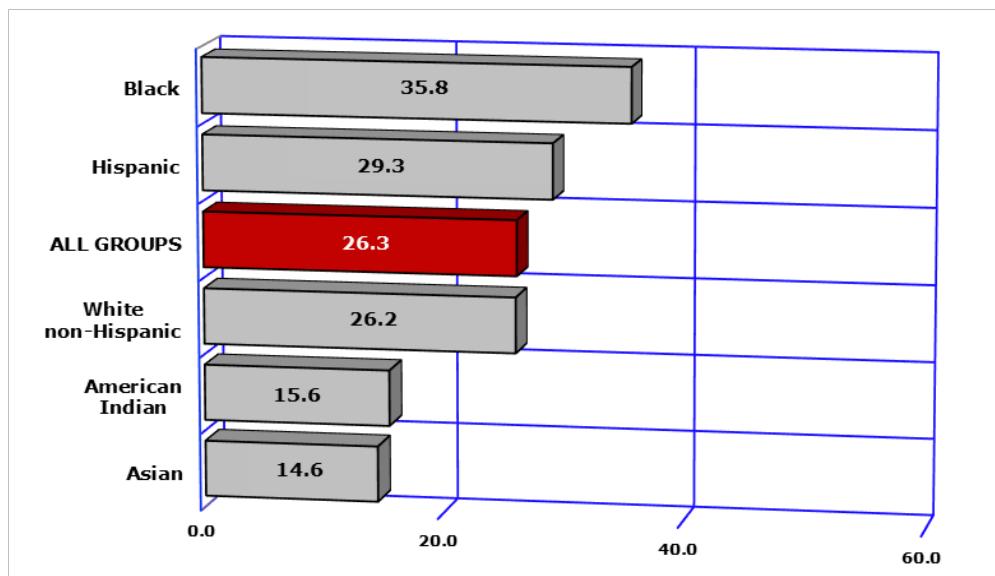
### COMPARATIVE RATES FOR 2013 AND 2023

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
2013	4.8	4.5	6.1	7.4	11.4	3.8
2023	5.7	4.7	8.1	10.3	16.5	2.3
% change from 2013	18.8	4.4	32.8	39.2	44.7	-39.5

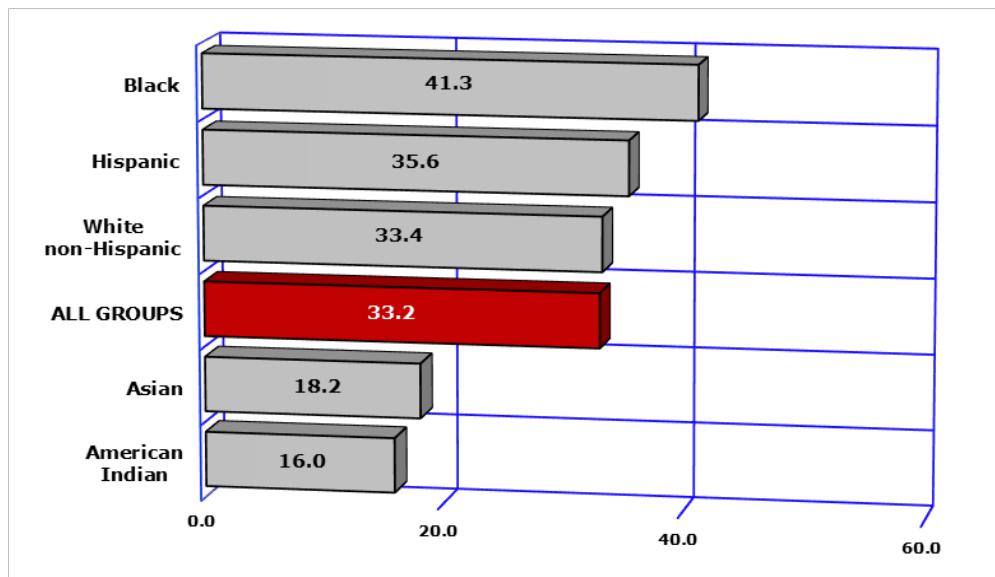
## 5-17 ALZHEIMER'S DISEASE

2023



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

2013



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

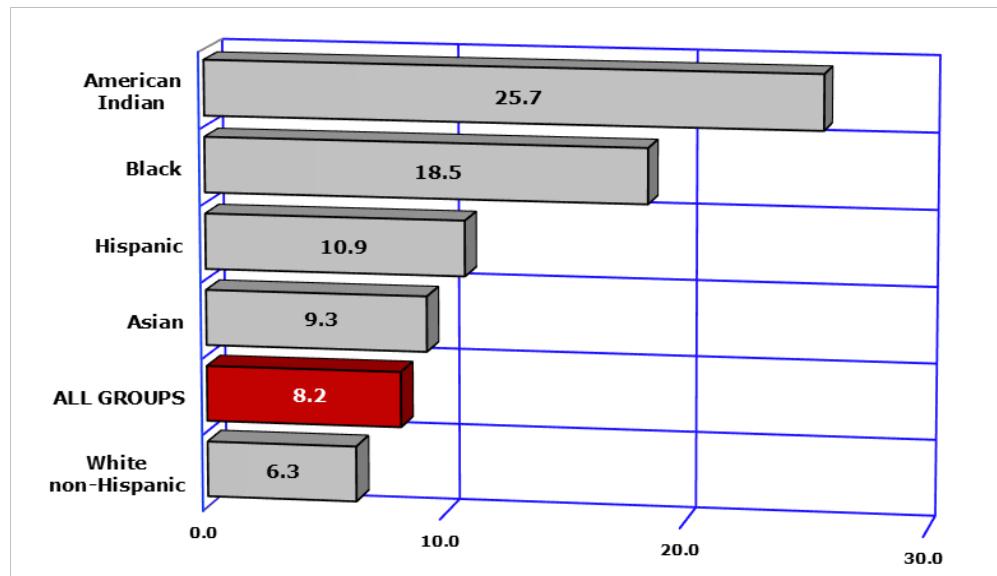
### COMPARATIVE RATES FOR 2013 AND 2023

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
2013	33.2	33.4	35.6	41.3	16.0	18.2
2023	26.3	26.2	29.3	35.8	15.6	14.6
% change from 2013	-20.8	-21.6	-17.7	-13.3	-2.5	-19.8

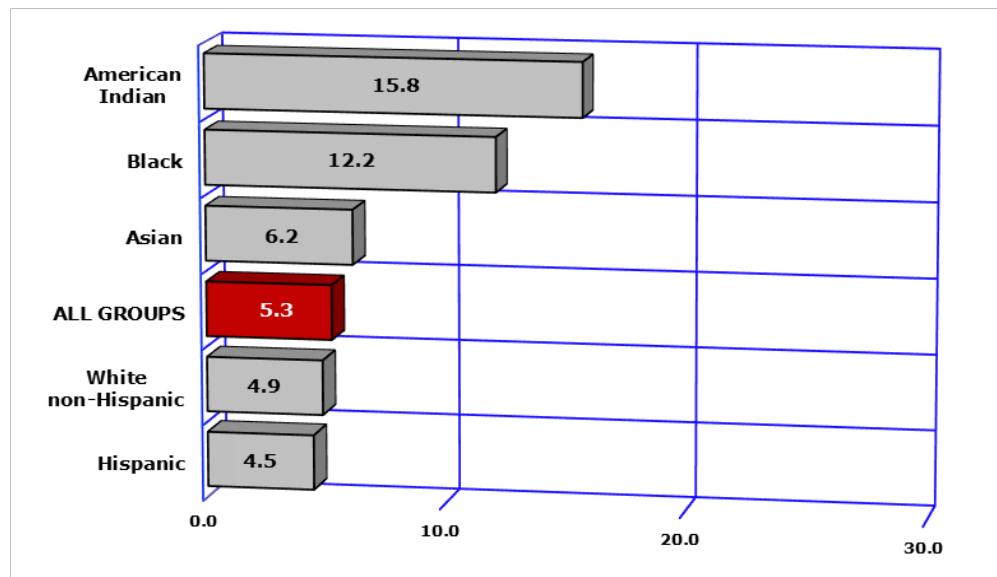
## 5-18 NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS

2023



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

2013



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

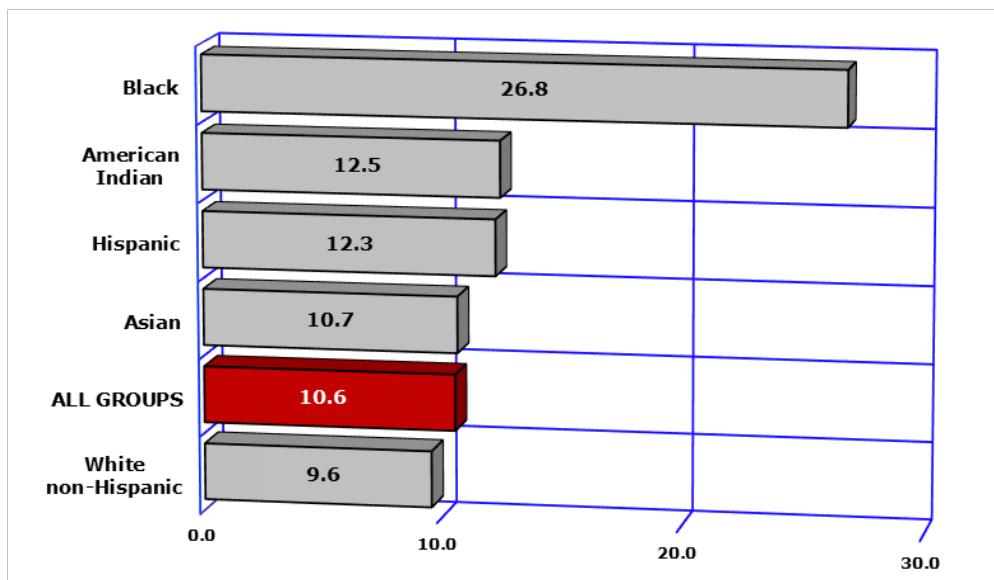
### COMPARATIVE RATES FOR 2013 AND 2023

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
2013	5.3	4.9	4.5	12.2	15.8	6.2
2023	8.2	6.3	10.9	18.5	25.7	9.3
% change from 2013	54.7	28.6	142.2	51.6	62.7	50.0

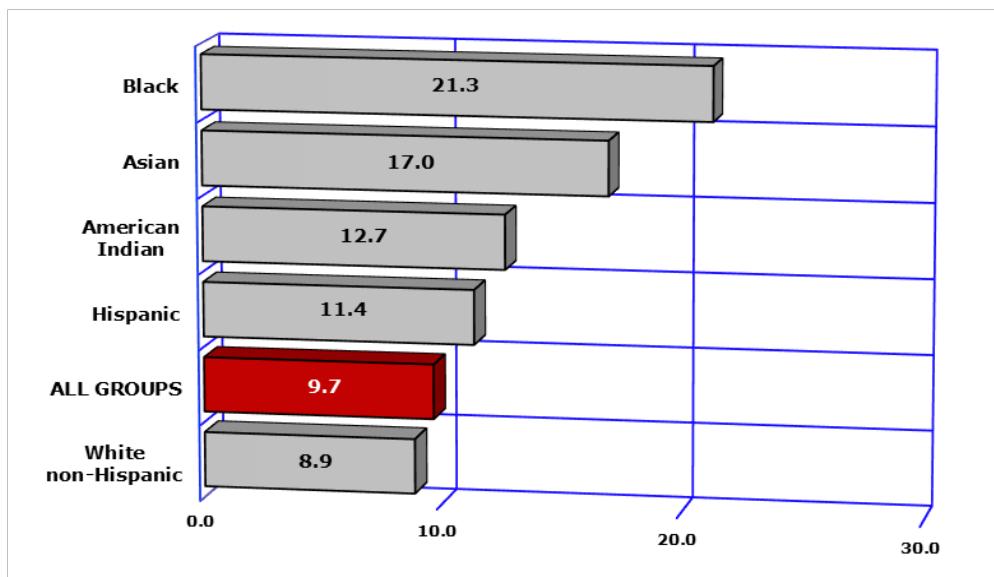
## 5-19 ESSENTIAL (PRIMARY) HYPERTENSION

2023



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

2013



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

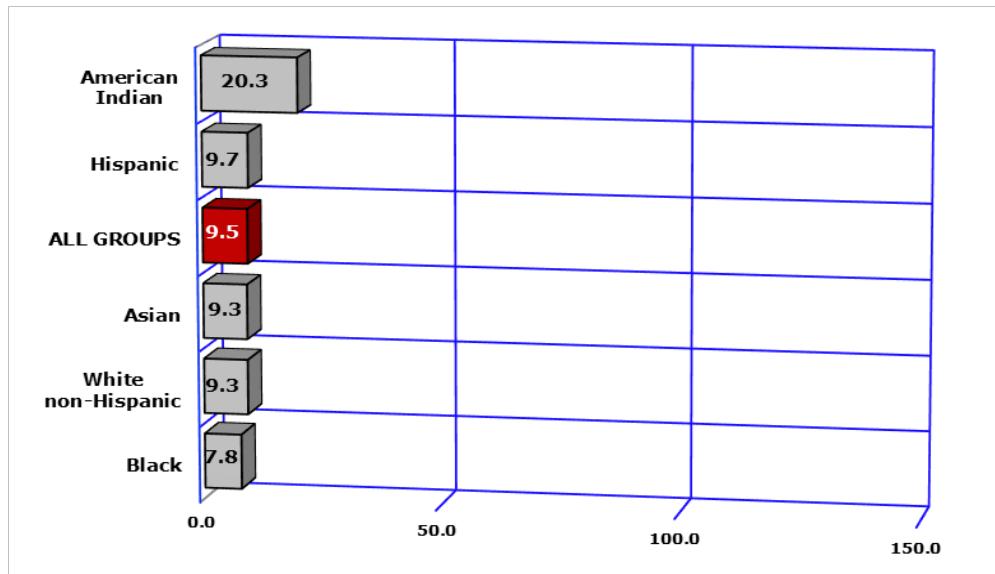
### COMPARATIVE RATES FOR 2013 AND 2023

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
2013	9.7	8.9	11.4	21.3	12.7	17.0
2023	10.6	9.6	12.3	26.8	12.5	10.7
% change from 2013	9.3	7.9	7.9	25.8	-1.6	-37.1

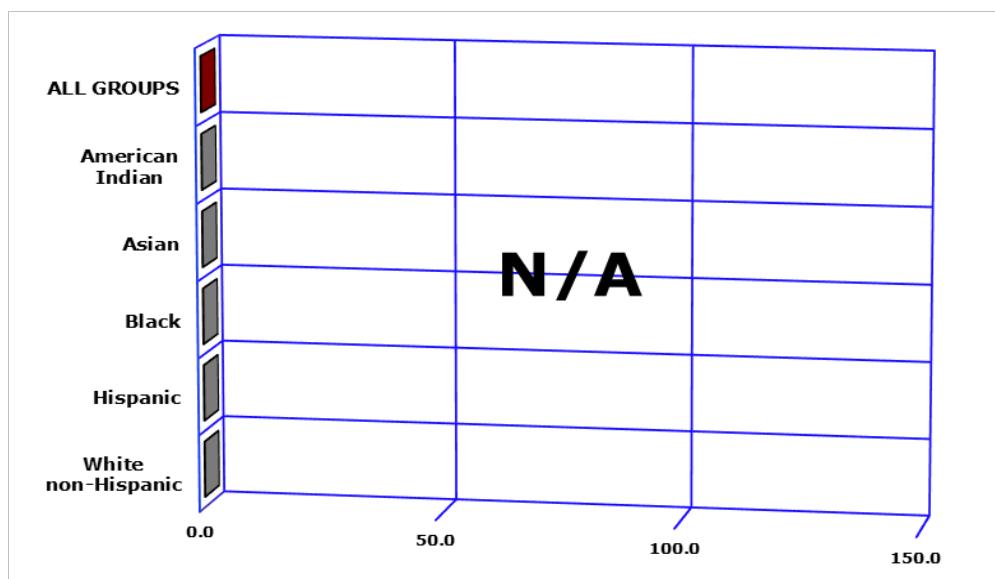
## 5-20 COVID-19\*

2023



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

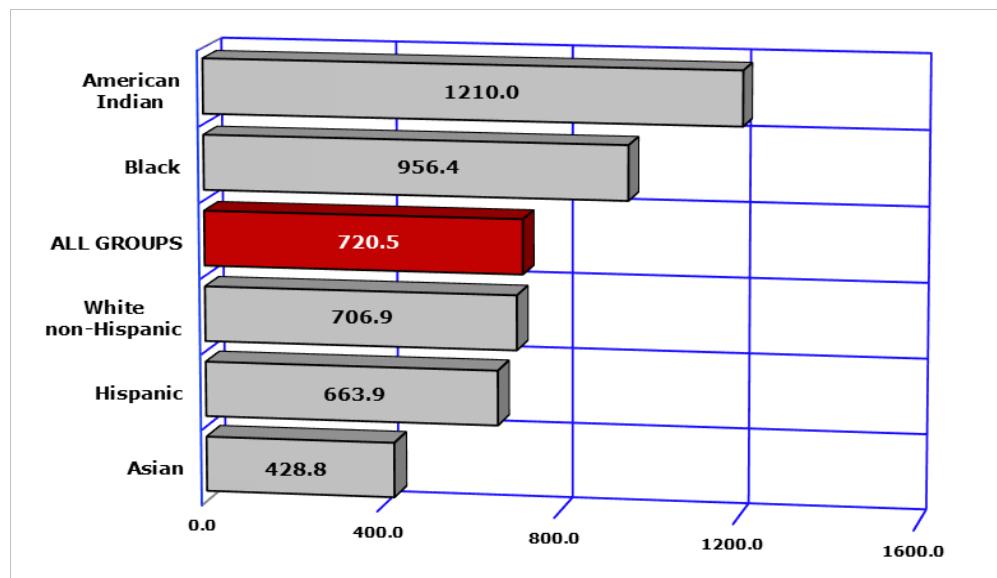
2013



\* The COVID-19 data collection began in mid-March 2020, therefore there are no comparable rates for 2013.

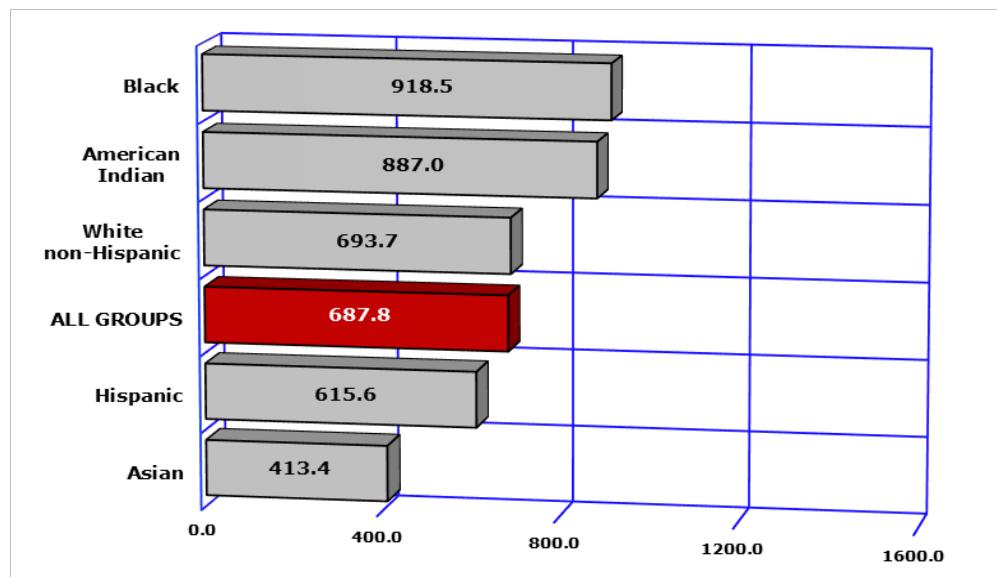
## 5-21 TOTAL MORTALITY FROM ALL CAUSES

2023



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

2013



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

### COMPARATIVE RATES FOR 2013 AND 2023

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
2013	687.8	693.7	615.6	918.5	887.0	413.4
2023	720.5	706.9	663.9	956.4	1210.0	428.8
% change from 2013	4.8	1.9	7.8	4.1	36.4	3.7

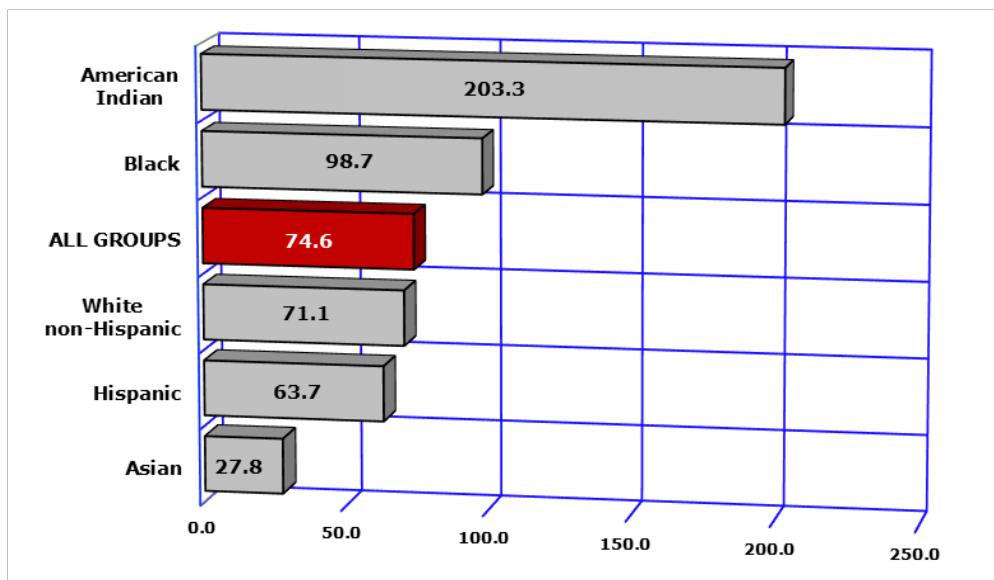
# 6

## 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)**

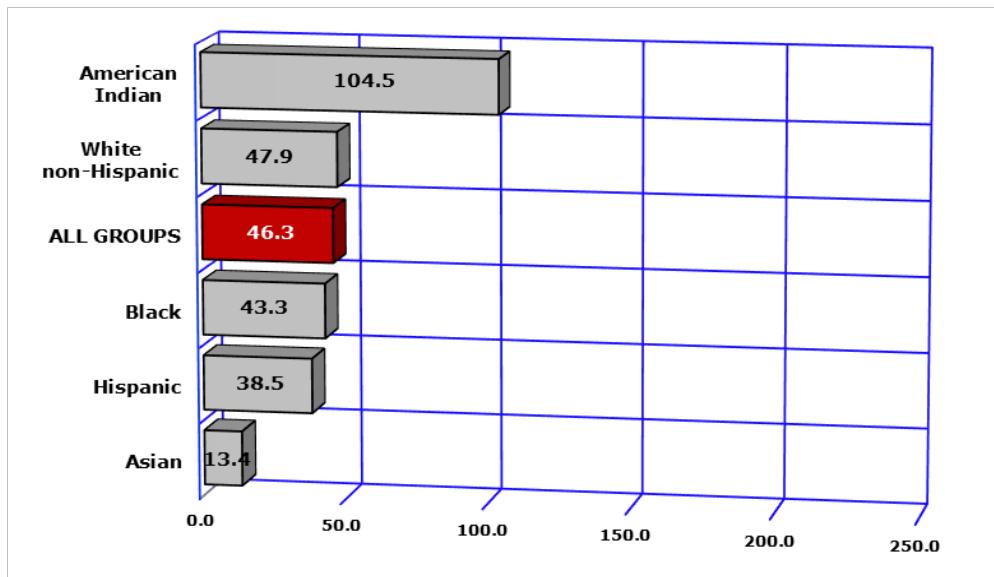
## 6-1 UNINTENTIONAL INJURIES

2023



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

2013



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

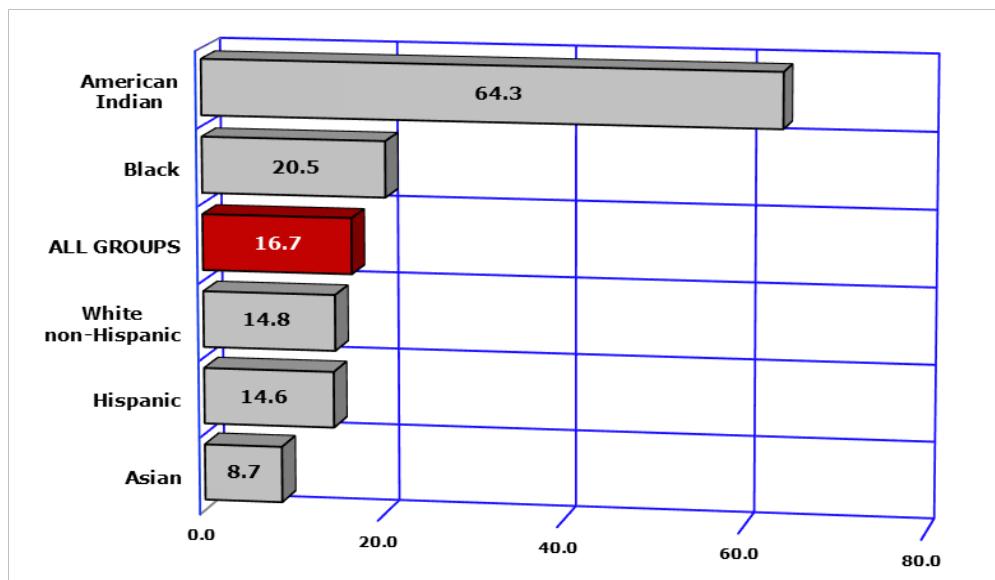
### COMPARATIVE RATES FOR 2013 AND 2023

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
2013	46.3	47.9	38.5	43.3	104.5	13.4
2023	74.6	71.1	63.7	98.7	203.3	27.8
% change from 2013	61.1	48.4	65.5	127.9	94.5	107.5

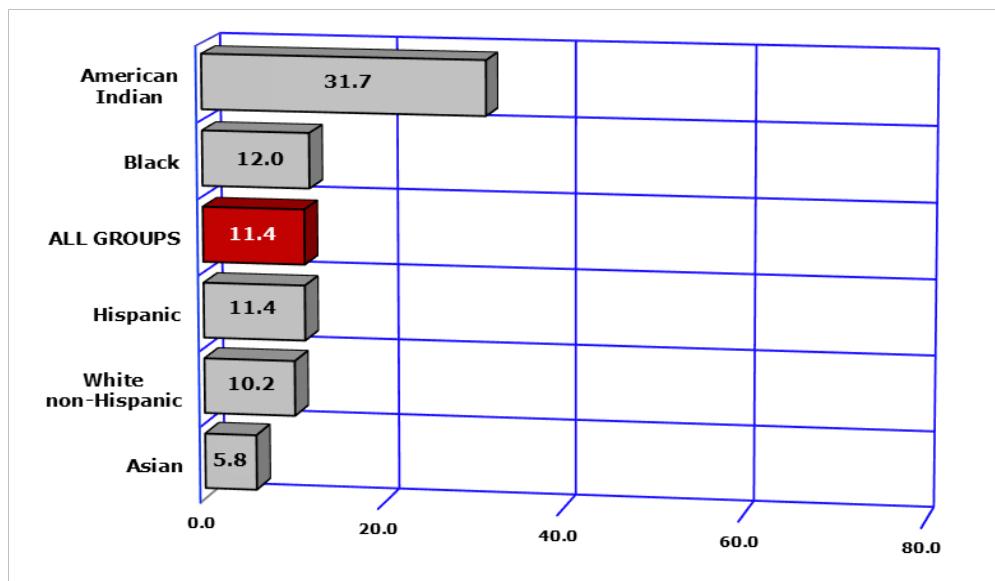
## 6-2 MOTOR VEHICLE-RELATED INJURIES

2023



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

2013



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

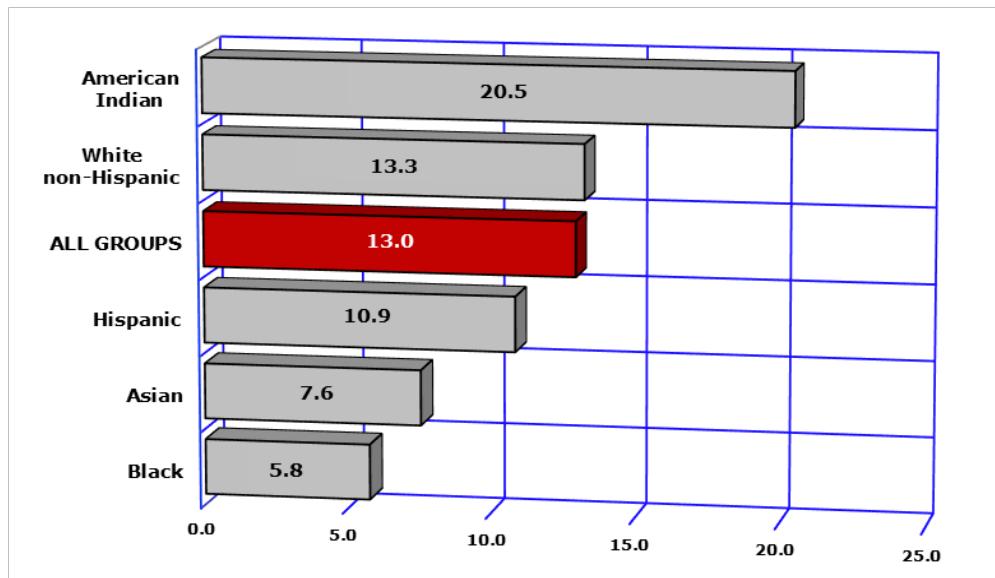
### COMPARATIVE RATES FOR 2013 AND 2023

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
2013	11.4	10.2	11.4	12.0	31.7	5.8
2023	16.7	14.8	14.6	20.5	64.3	8.7
% change from 2013	46.5	45.1	28.1	70.8	102.8	50.0

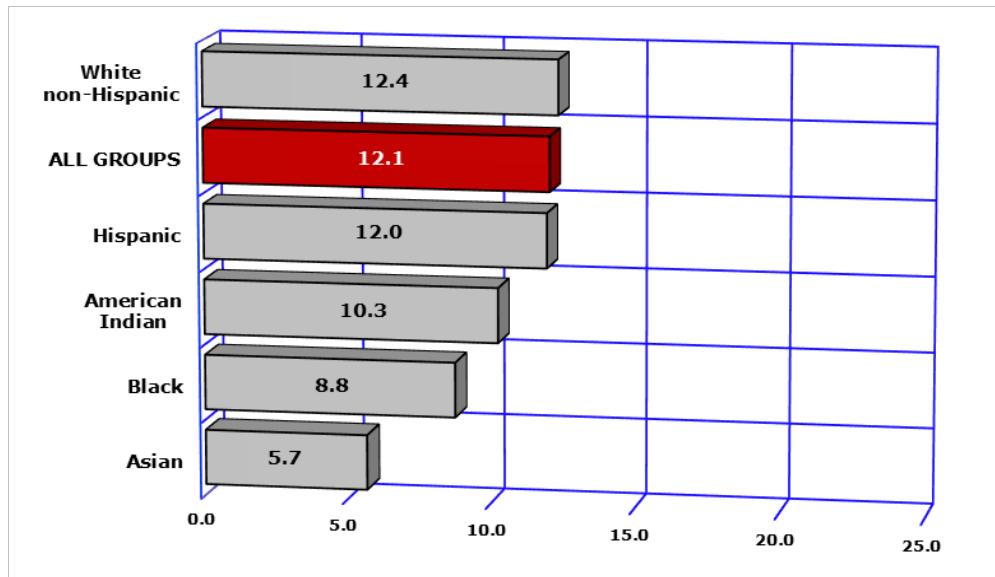
### 6-3 FALL-RELATED INJURIES

2023



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

2013



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

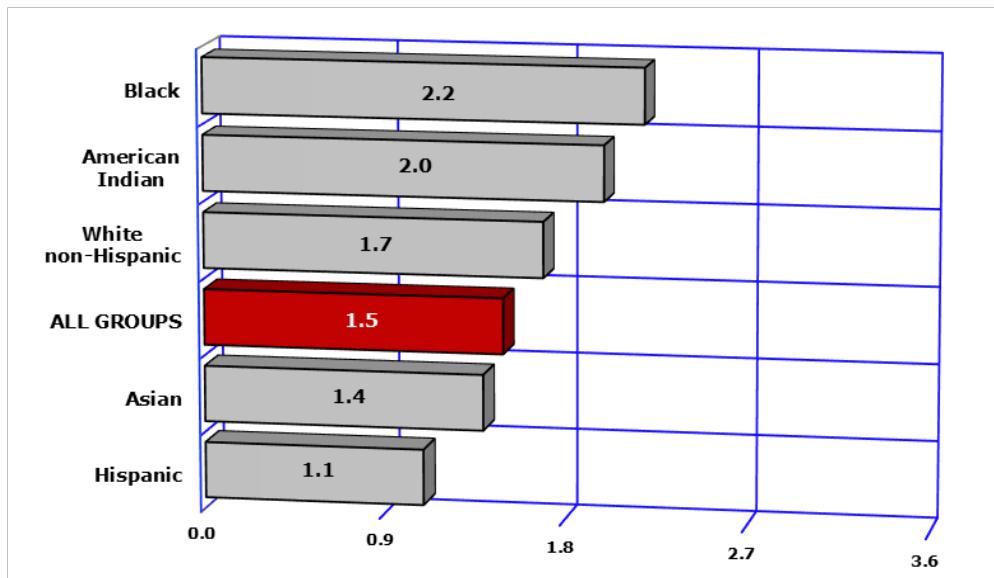
#### COMPARATIVE RATES FOR 2013 AND 2023

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
2013	12.1	12.4	12.0	8.8	10.3	5.7
2023	13.0	13.3	10.9	5.8	20.5	7.6
% change from 2013	7.4	7.3	-9.2	-34.1	99.0	33.3

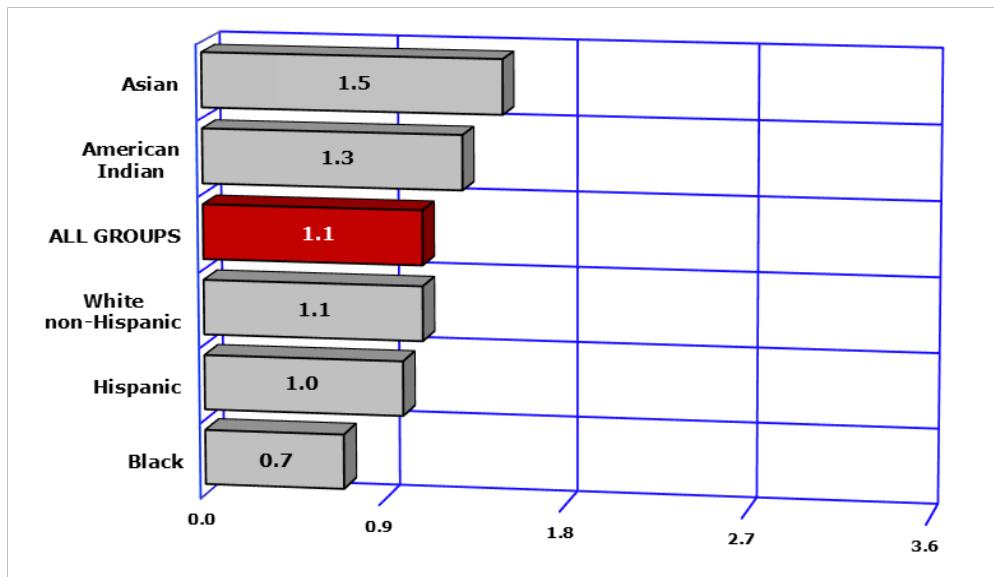
## 6-4 DROWNING

2023



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

2013



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

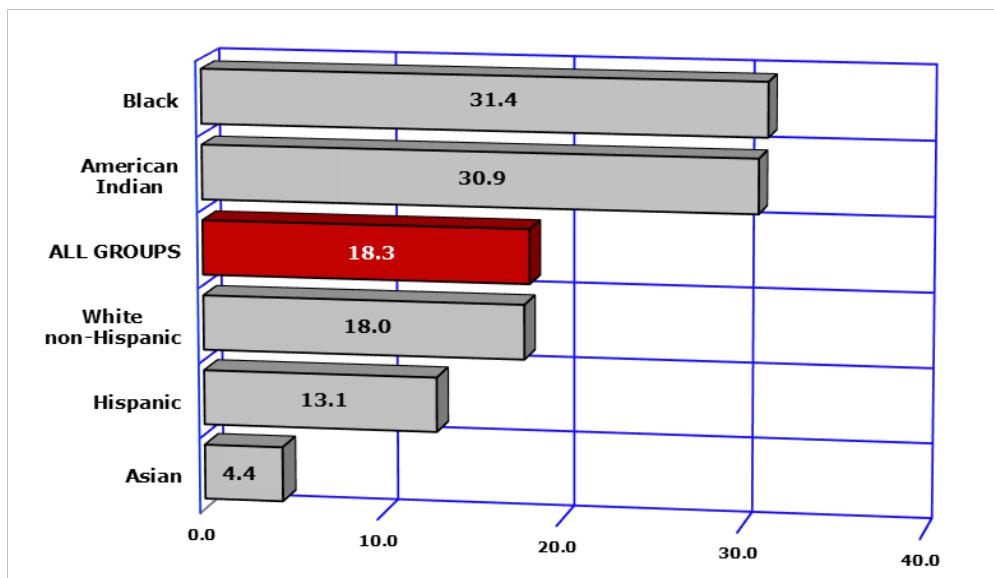
### COMPARATIVE RATES FOR 2013 AND 2023

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
2013	1.1	1.1	1.0	0.7	1.3	1.5
2023	1.5	1.7	1.1	2.2	2.0	1.4
% change from 2013	36.4	54.5	10.0	214.3	53.8	-6.7

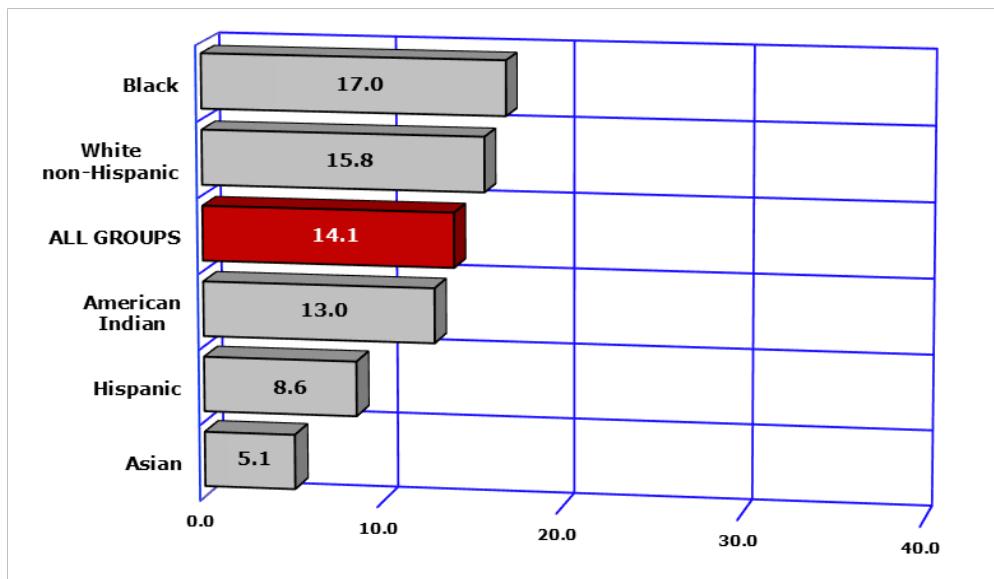
## 6-5 FIREARM-RELATED

2023



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

2013



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

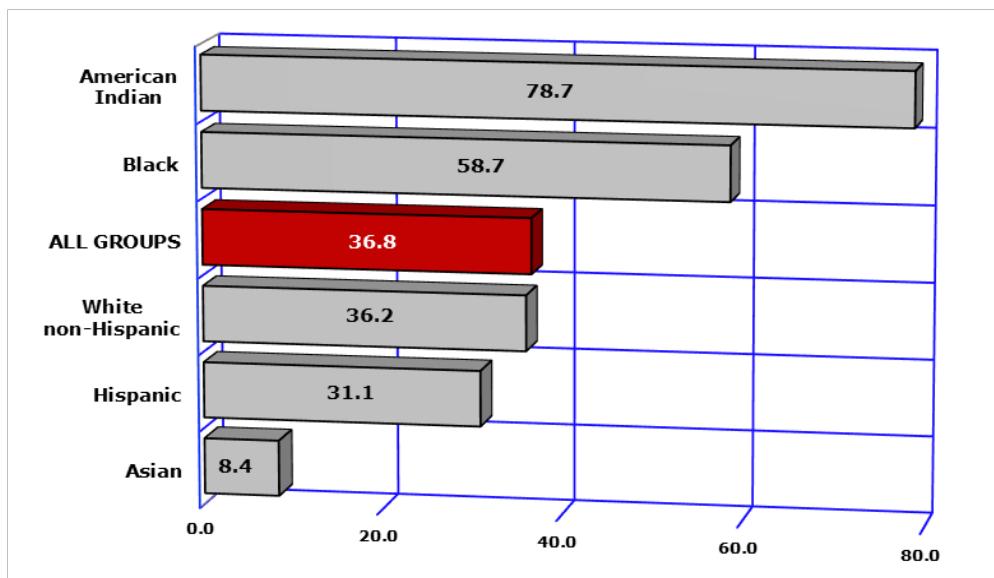
### COMPARATIVE RATES FOR 2013 AND 2023

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
2013	14.1	15.8	8.6	17.0	13.0	5.1
2023	18.3	18.0	13.1	31.4	30.9	4.4
% change from 2013	29.8	13.9	52.3	84.7	137.7	-13.7

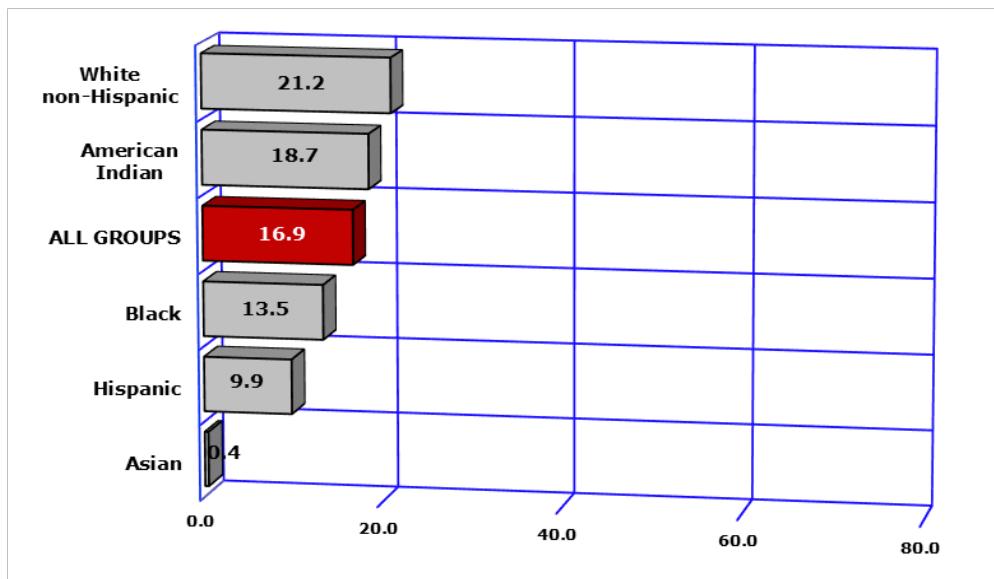
## 6-6 DRUG-INDUCED

2023



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

2013



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

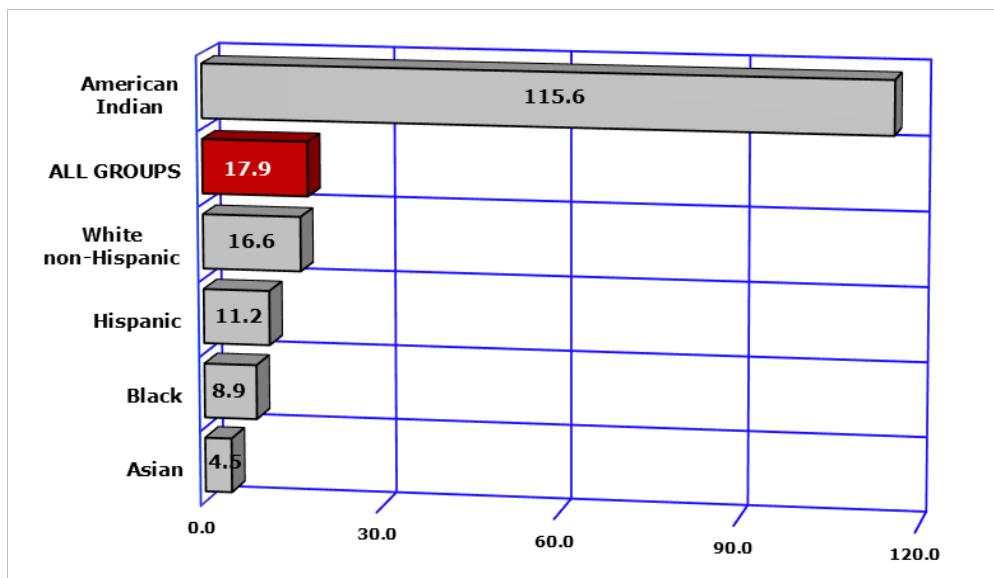
### COMPARATIVE RATES FOR 2013 AND 2023

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
2013	16.9	21.2	9.9	13.5	18.7	0.4
2023	36.8	36.2	31.1	58.7	78.7	8.4
% change from 2013	117.8	70.8	214.1	334.8	320.9	2000.0

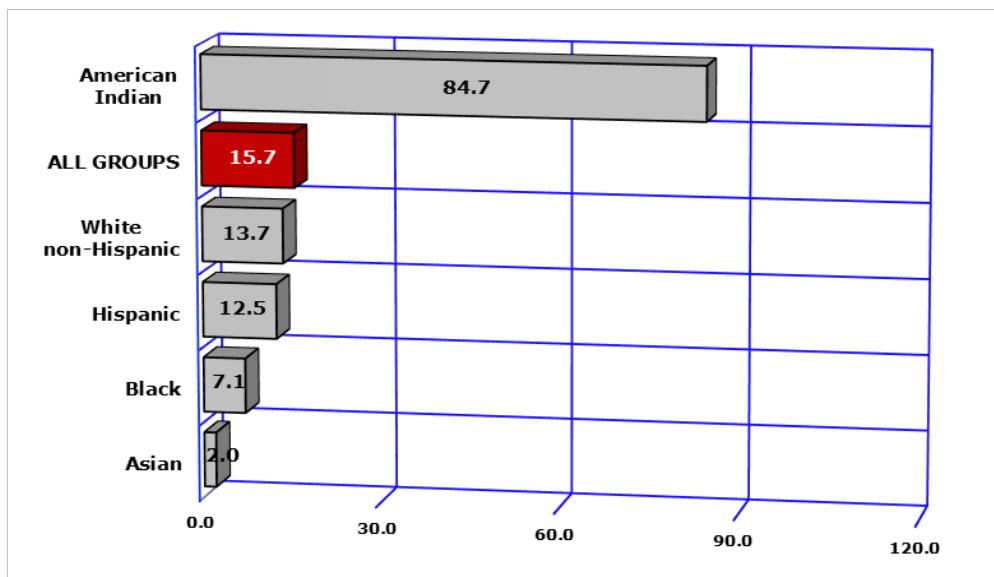
## 6-7 ALCOHOL-INDUCED

2023



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

2013



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

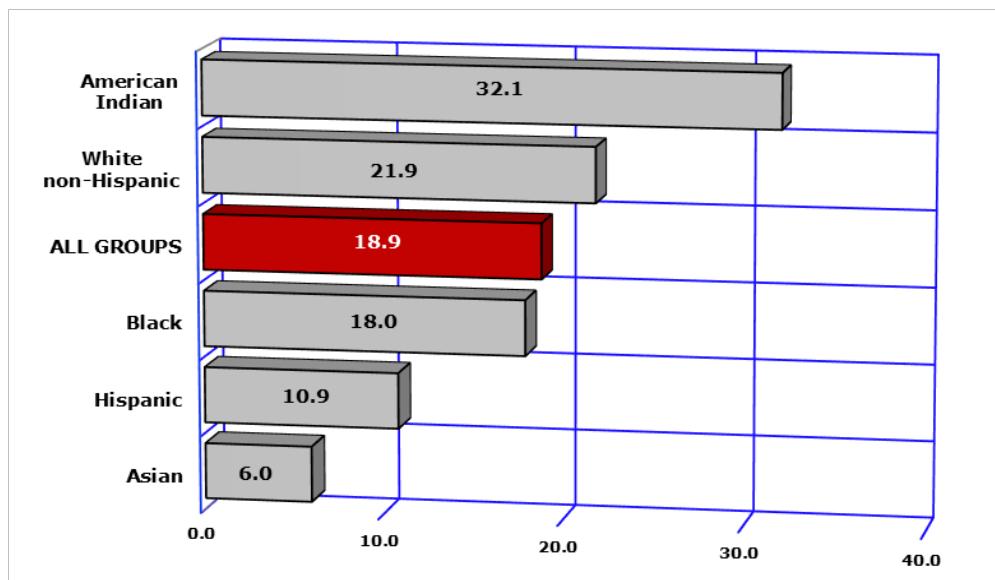
### COMPARATIVE RATES FOR 2013 AND 2023

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
2013	15.7	13.7	12.5	7.1	84.7	2.0
2023	17.9	16.6	11.2	8.9	115.6	4.5
% change from 2013	14.0	21.2	-10.4	25.4	36.5	125.0

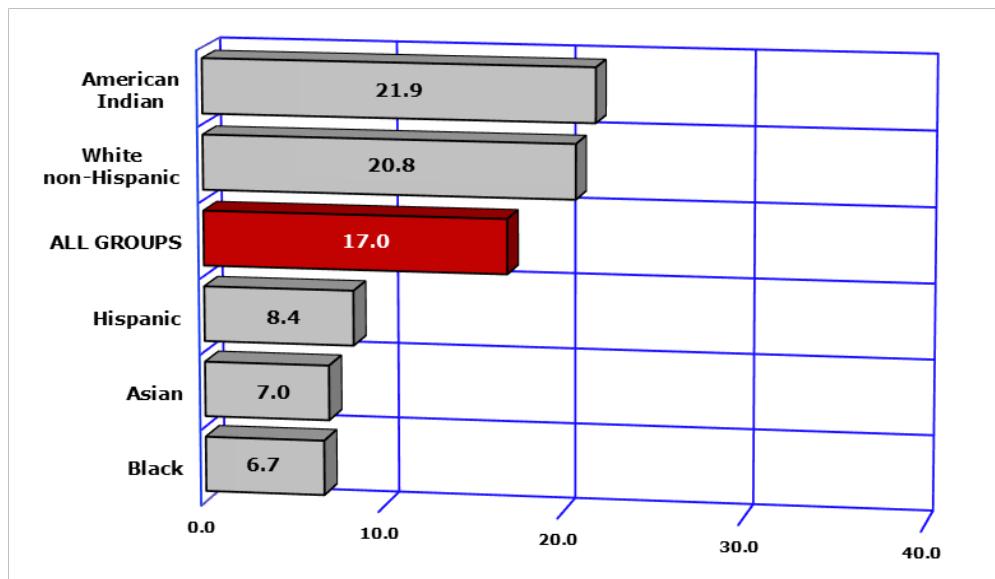
## 6-8 INTENTIONAL SELF-HARM (SUICIDE)

2023



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

2013



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

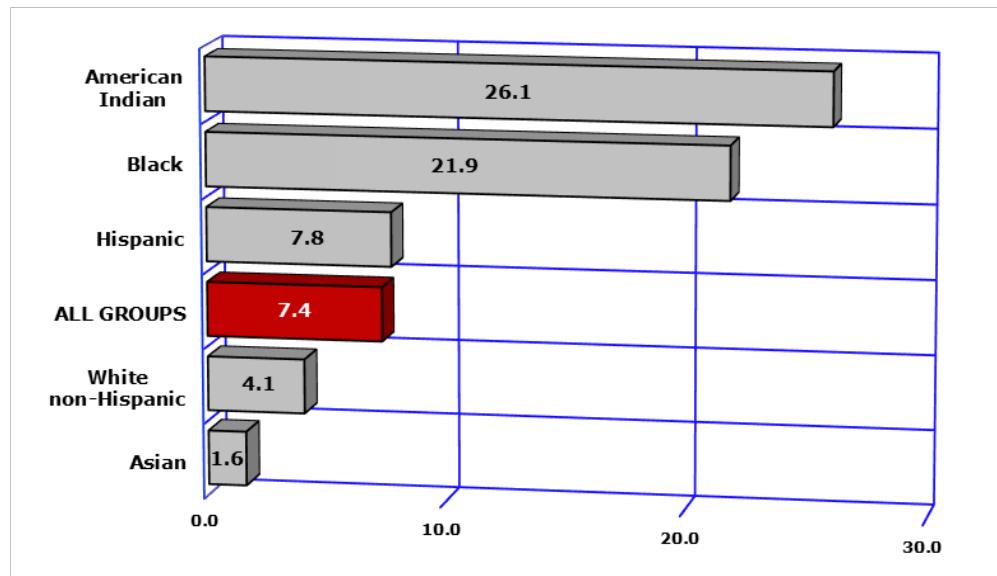
### COMPARATIVE RATES FOR 2013 AND 2023

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
2013	17.0	20.8	8.4	6.7	21.9	7.0
2023	18.9	21.9	10.9	18.0	32.1	6.0
% change from 2013	11.2	5.3	29.8	168.7	46.6	-14.3

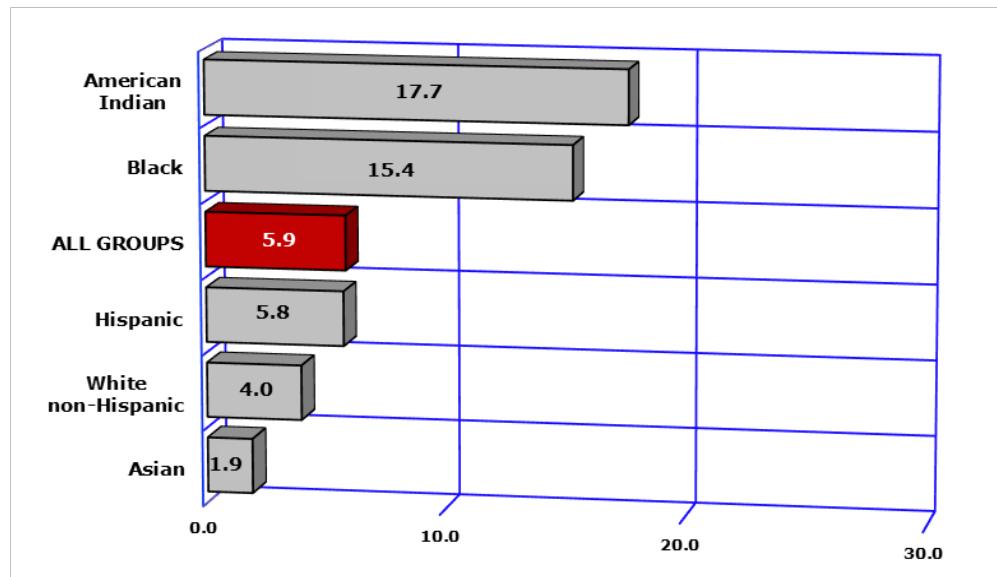
## 6-9 ASSAULT (HOMICIDE)

2023



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

2013



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

### COMPARATIVE RATES FOR 2013 AND 2023

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
2013	5.9	4.0	5.8	15.4	17.7	1.9
2023	7.4	4.1	7.8	21.9	26.1	1.6
% change from 2013	25.4	2.5	34.5	42.2	47.5	-15.8

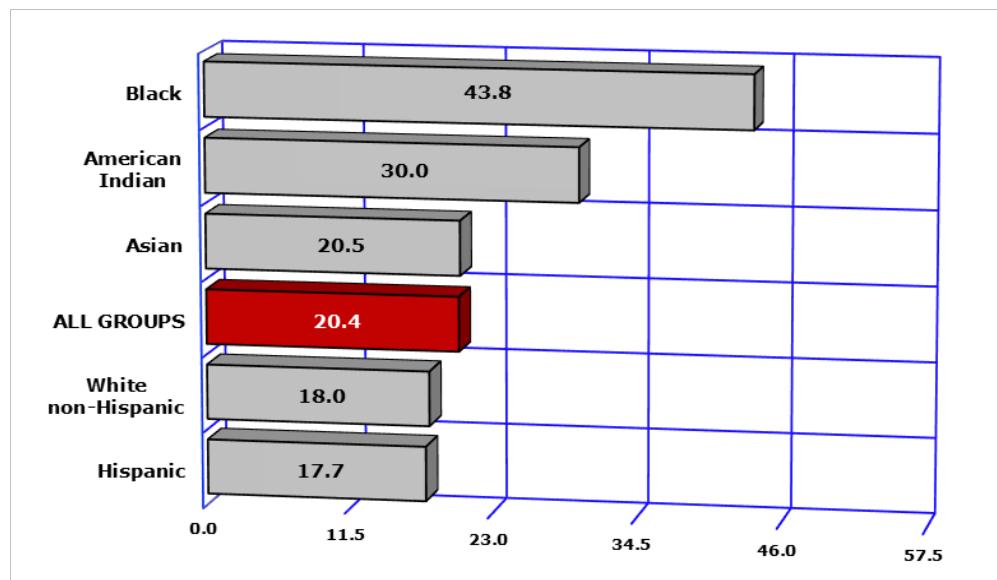
# 7

## Age-Specific Mortality

- 7-1 Children 1-14 Years Old**
- 7-2 Adolescents 15-19 Years Old**
- 7-3 Young Adults 20-44 Years Old**
- 7-4 Middle-Age Adults 45-64 Years Old**
- 7-5 Mortality Among Elderly Adults 65+ Years Old**

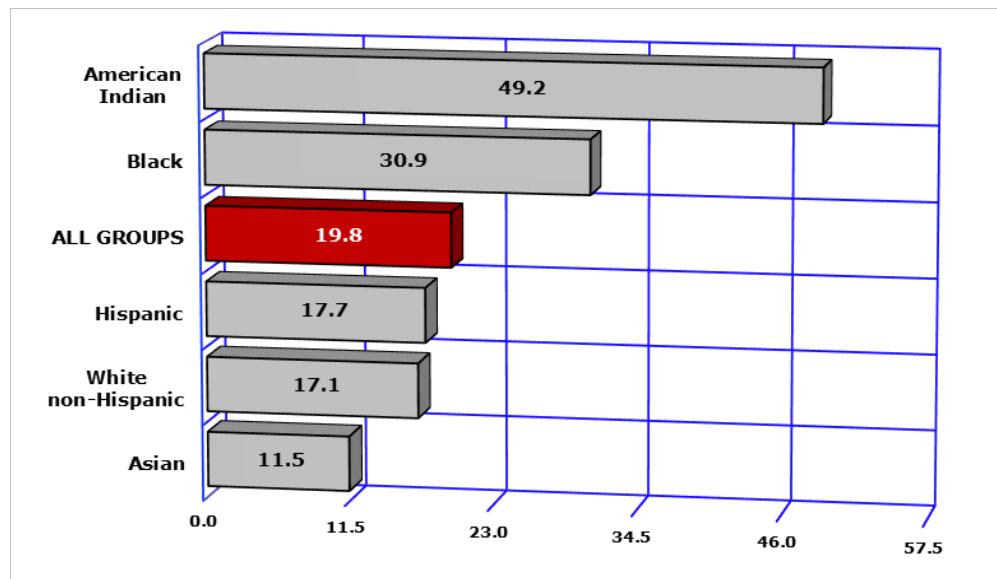
## 7-1 MORTALITY AMONG CHILDREN 1-14 YEARS OLD

2023



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

2013



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

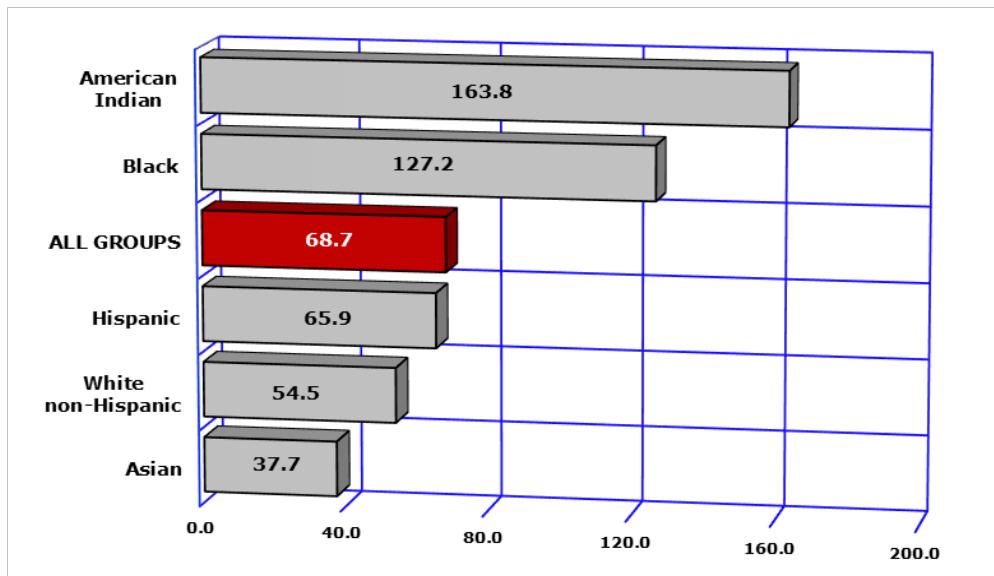
### COMPARATIVE RATES FOR 2013 AND 2023

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
2013	19.8	17.1	17.7	30.9	49.2	11.5
2023	20.4	18.0	17.7	43.8	30.0	20.5
% change from 2013	3.0	5.3	0.0	41.7	-39.0	78.3

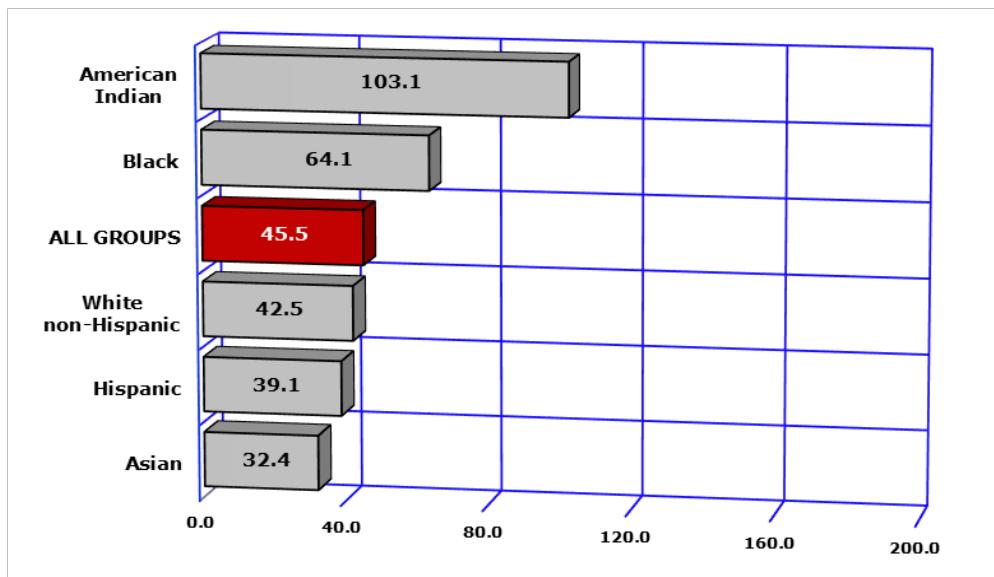
## 7-2 MORTALITY AMONG ADOLESCENTS 15-19 YEARS OLD

2023



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

2013



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

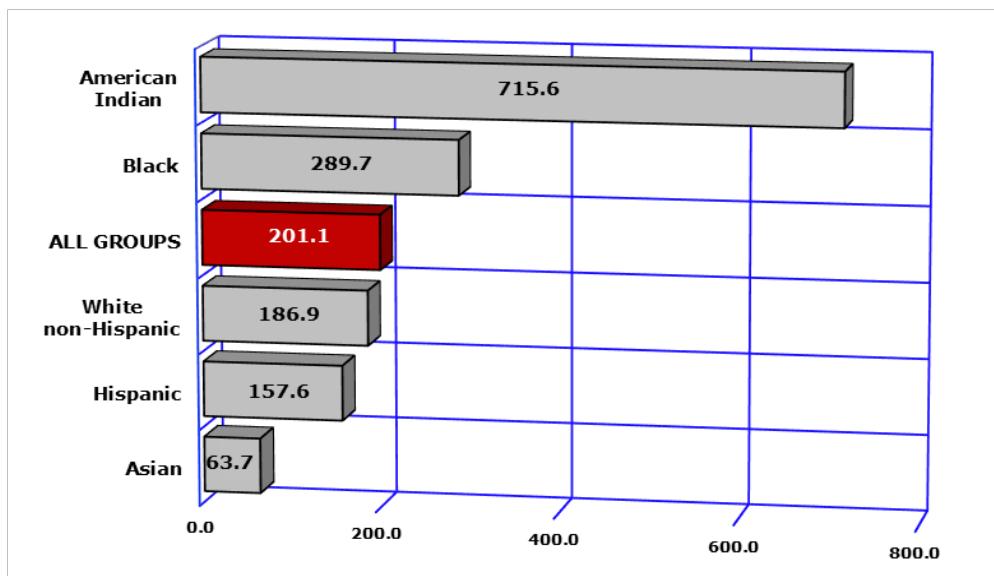
### COMPARATIVE RATES FOR 2013 AND 2023

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
2013	45.5	42.5	39.1	64.1	103.1	32.4
2023	68.7	54.5	65.9	127.2	163.8	37.7
% change from 2013	51.0	28.2	68.5	98.4	58.9	16.4

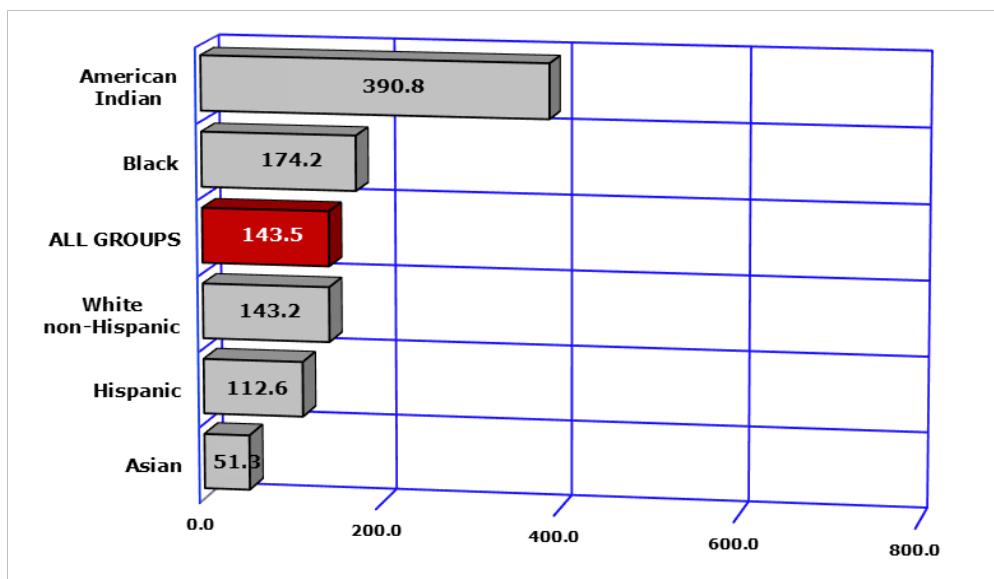
### 7-3 MORTALITY AMONG YOUNG ADULTS 20-44 YEARS OLD

2023



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

2013



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

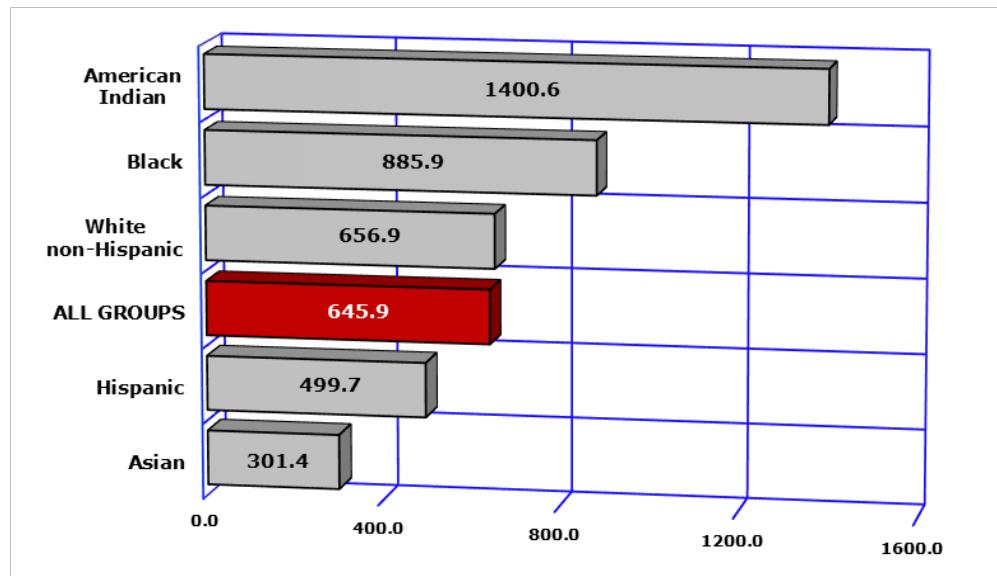
#### COMPARATIVE RATES FOR 2013 AND 2023

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
2013	143.5	143.2	112.6	174.2	390.8	51.3
2023	201.1	186.9	157.6	289.7	715.6	63.7
% change from 2013	40.1	30.5	40.0	66.3	83.1	24.2

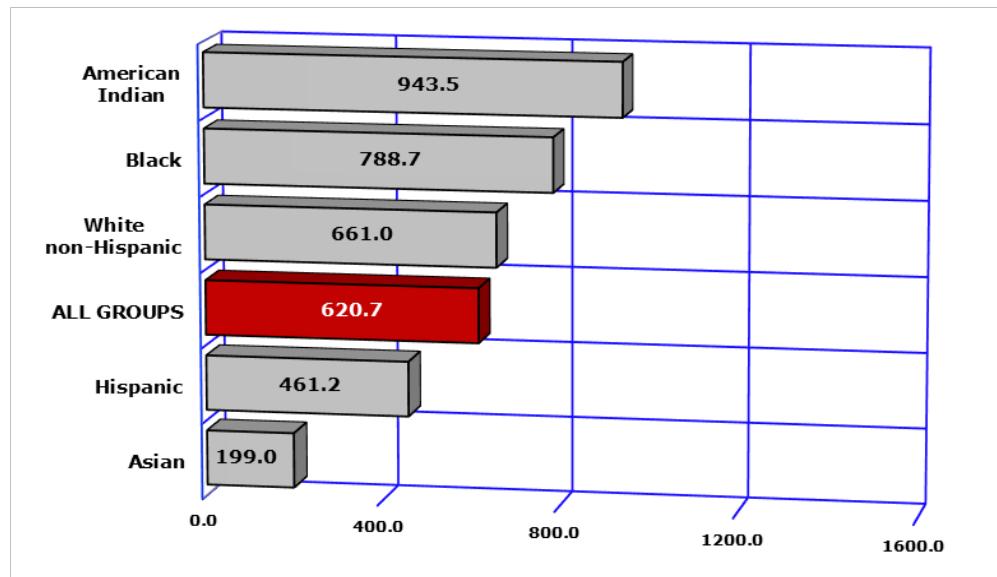
#### 7-4 MORTALITY AMONG MIDDLE-AGE ADULTS 45-64 YEARS OLD

2023



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

2013



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

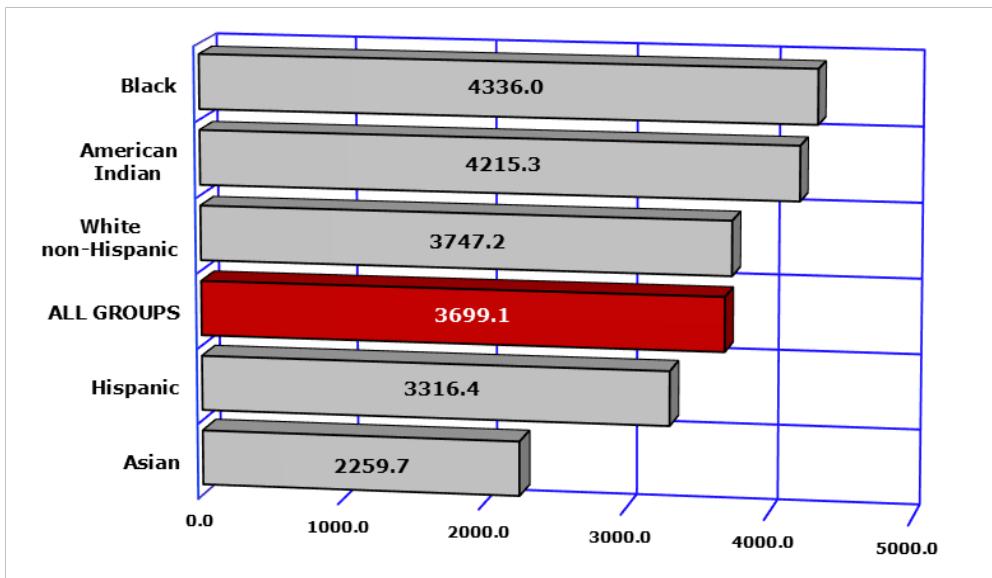
#### COMPARATIVE RATES FOR 2013 AND 2023

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

Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2013	620.7	661.0	461.2	788.7	943.5	199.0
2023	645.9	656.9	499.7	885.9	1400.6	301.4
% change from 2013	4.1	-0.6	8.3	12.3	48.4	51.5

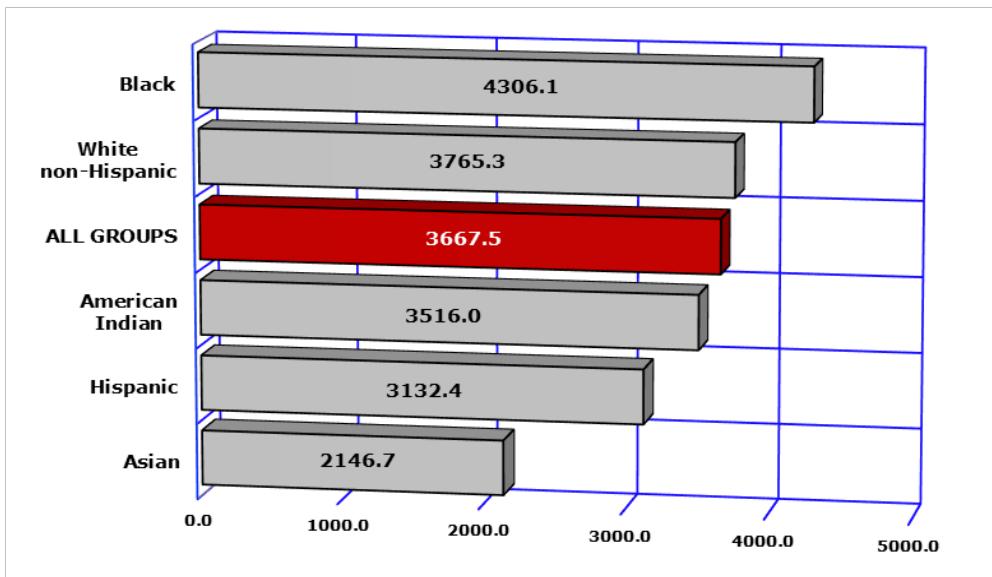
## 7-5 MORTALITY AMONG ELDERLY ADULTS 65+ YEARS OLD

2023



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

2013



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

### COMPARATIVE RATES FOR 2013 AND 2023

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

Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2013	3667.5	3765.3	3132.4	4306.1	3516.0	2146.7
2023	3699.1	3747.2	3316.4	4336.0	4215.3	2259.7
% change from 2013	0.9	-0.5	5.9	0.7	19.9	5.3

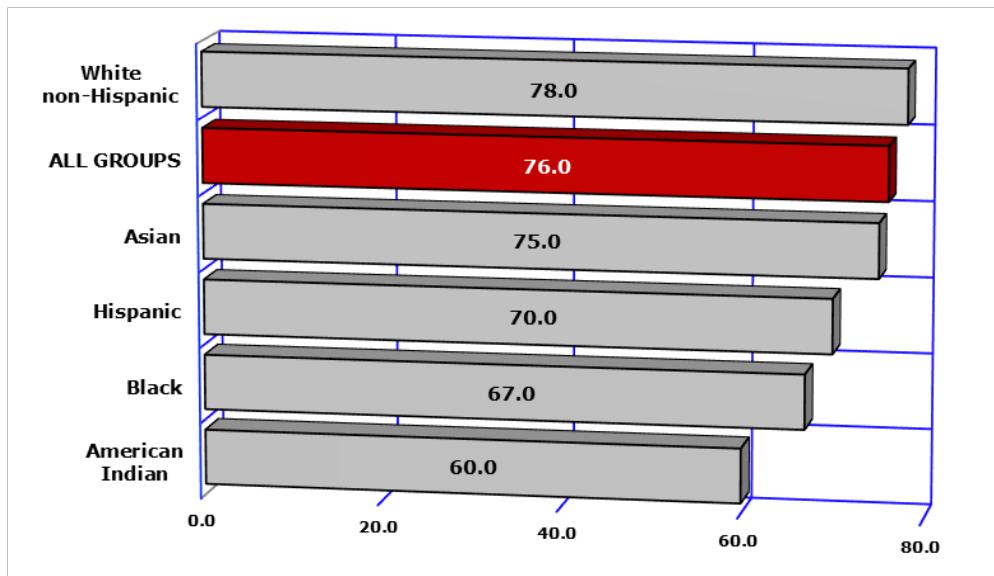
# 8

## Patterns of Premature Mortality

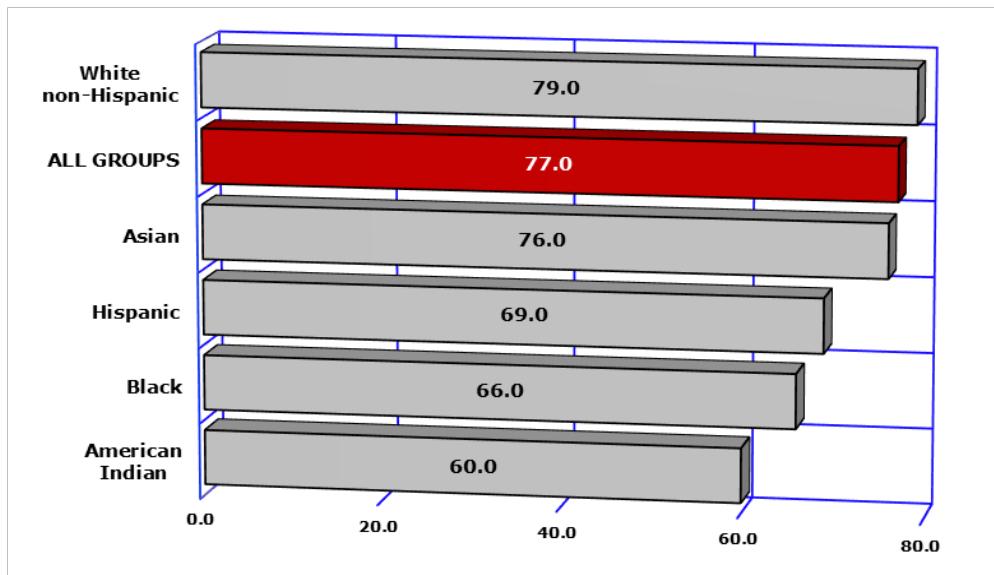
- 8-1 Median Age at Death from All Causes among Arizona Residents**
- 8-2 Median Age at Death from All Causes among Arizona Males**
- 8-3 Median Age at Death from All Causes among Arizona Females**
- 8-4 Percent of Total Deaths before Expected Years of Life Reached**

## 8-1 MEDIAN AGE AT DEATH FROM ALL CAUSES

2023



2013



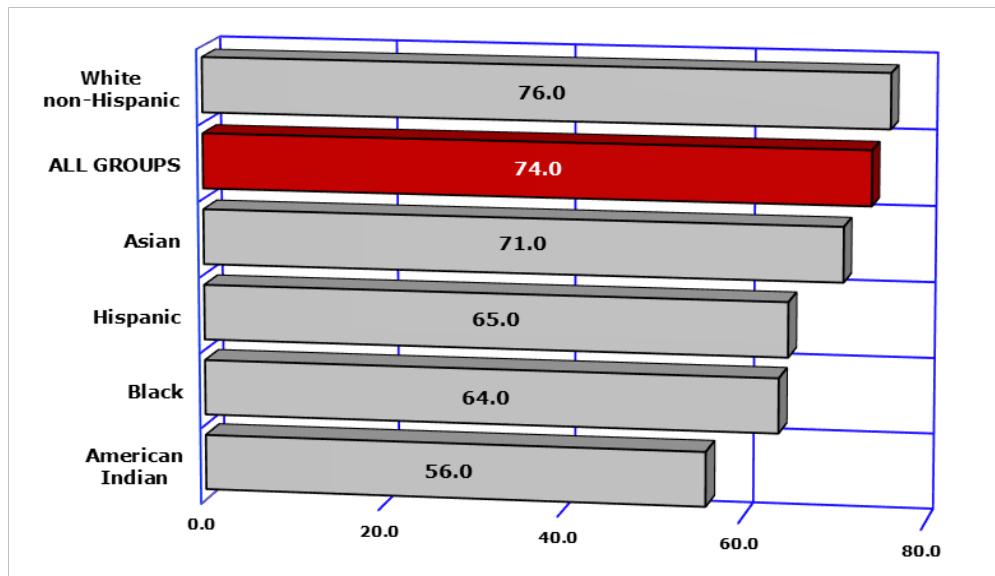
### MEDIAN AGE AT DEATH IN 2013 AND 2023

By race/ethnicity

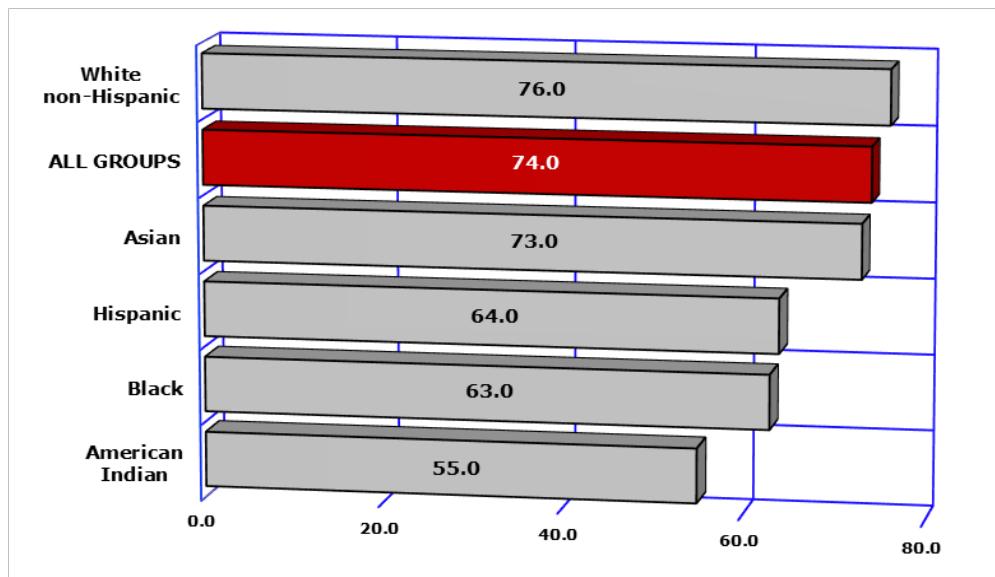
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2013	77.0	79.0	69.0	66.0	60.0	76.0
2023	76.0	78.0	70.0	67.0	60.0	75.0
% change from 2013	-1.3	-1.3	1.4	1.5	0.0	-1.3

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

2023



2013

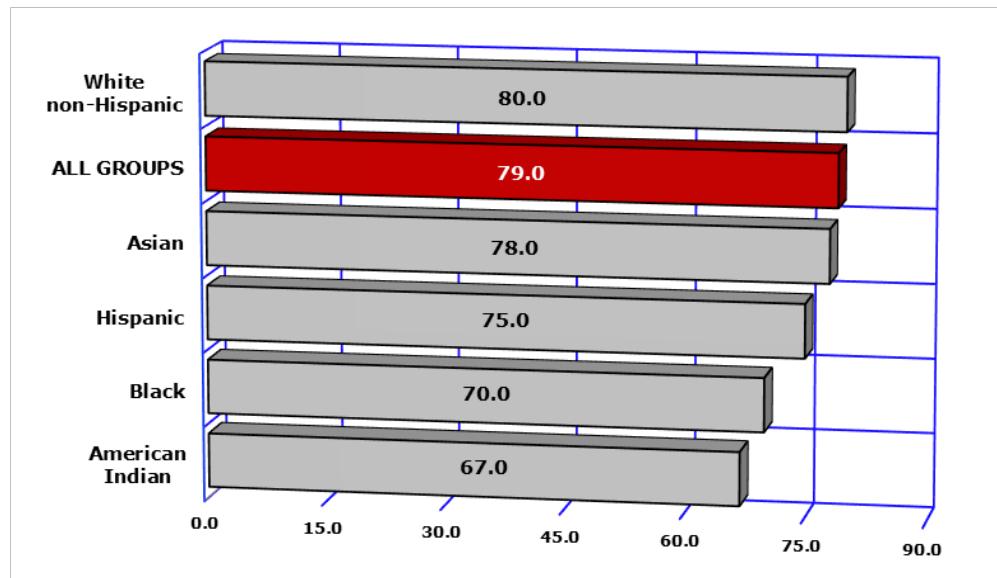


### MEDIAN AGE AT DEATH AMONG MALES IN 2013 AND 2023

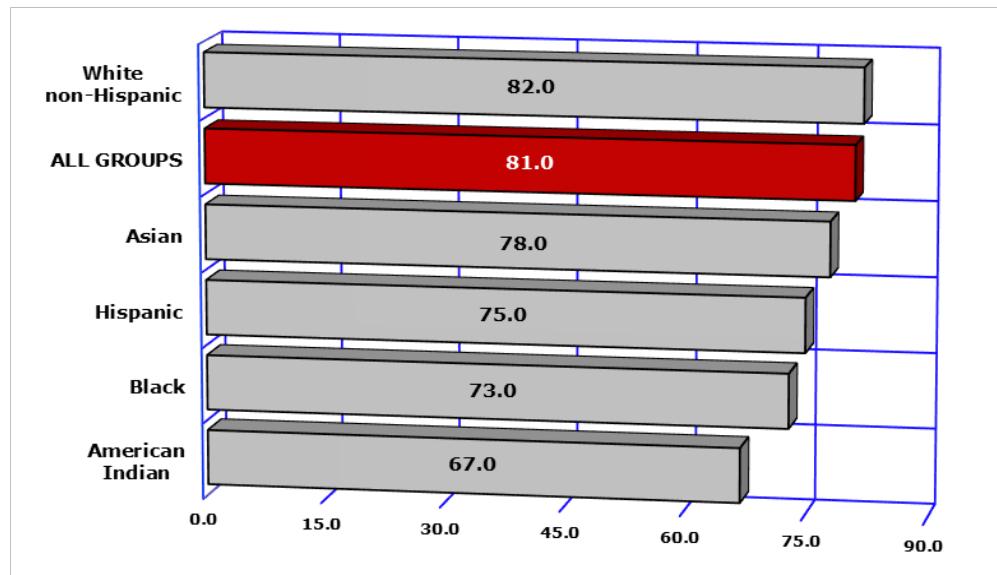
Year	By race/ethnicity						
	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander	
2013	74.0	76.0	64.0	63.0	55.0	73.0	
2023	74.0	76.0	65.0	64.0	56.0	71.0	
% change from 2013	0.0	0.0	1.6	1.6	1.8	-2.7	

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

2023



2013

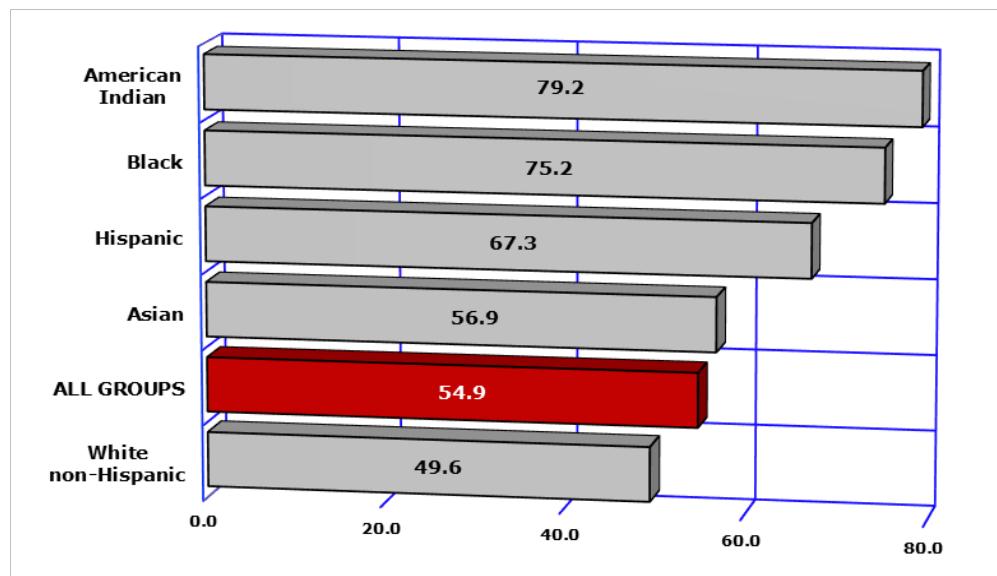


#### MEDIAN AGE AT DEATH AMONG FEMALES IN 2013 AND 2023

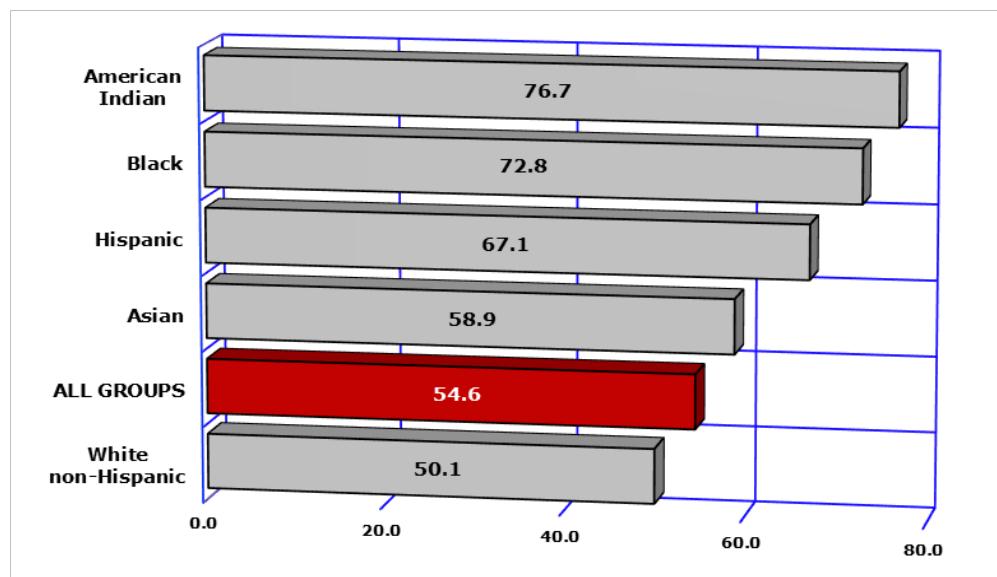
Year	By race/ethnicity					
	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2013	81.0	82.0	75.0	73.0	67.0	78.0
2023	79.0	80.0	75.0	70.0	67.0	78.0
% change from 2013	-2.5	-2.4	0.0	-4.1	0.0	0.0

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

2023



2013



#### DEATHS BEFORE EXPECTED YEARS OF LIFE REACHED IN 2013 AND 2023

Year	By race/ethnicity						
	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander	
2013	54.6	50.1	67.1	72.8	76.7	58.9	
2023	54.9	49.6	67.3	75.2	79.2	56.9	
% change from 2013	0.5	-1.0	0.3	3.3	3.3	-3.4	



# 9

## **The Incidence of Reportable Diseases**

**9-1 Rates of Early Syphilis**

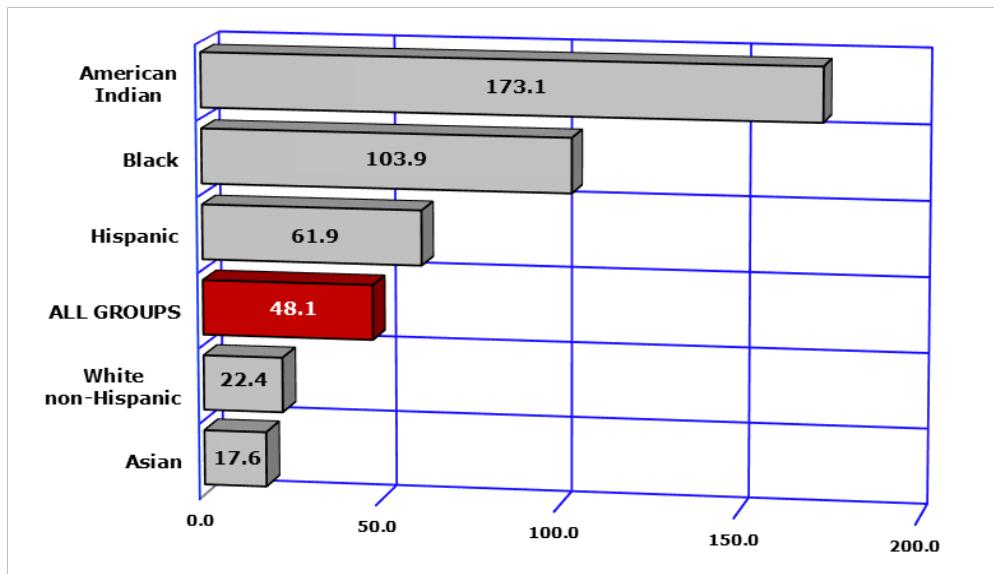
**9-2 Rates of Gonorrhea**

**9-3 Rates of Chlamydia**

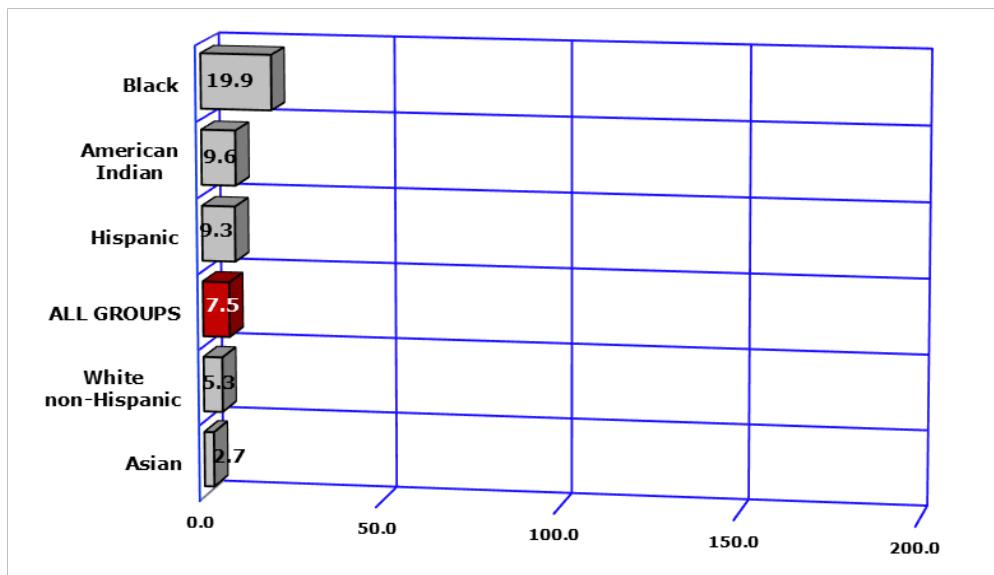
**9-4 Rates of HIV/AIDS**

## 9-1 INCIDENCE (RATES) OF EARLY SYPHILIS

2023



2013

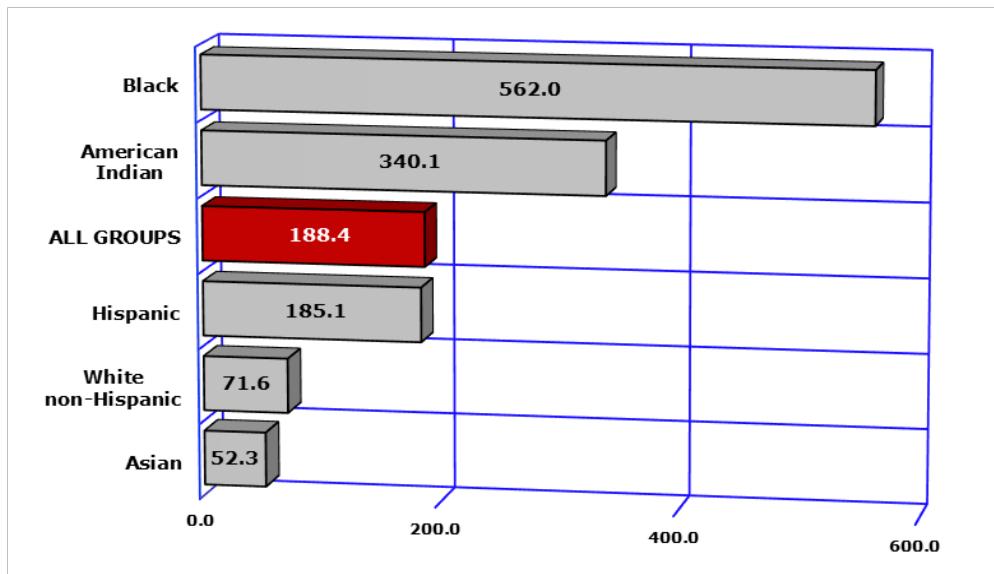


### COMPARATIVE RATES FOR 2013 AND 2023

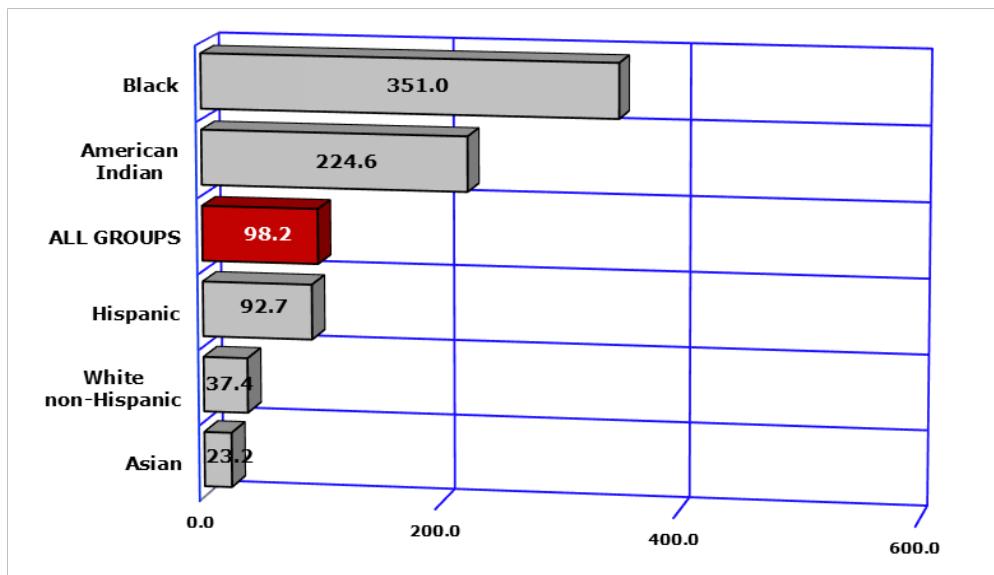
Number of reported cases per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2013	7.5	5.3	9.3	19.9	9.6	2.7
2023	48.1	22.4	61.9	103.9	173.1	17.6
% change from 2013	541.3	322.6	565.6	422.1	1703.1	551.9

## 9-2 INCIDENCE (RATES) OF GONORRHEA

2023



2013

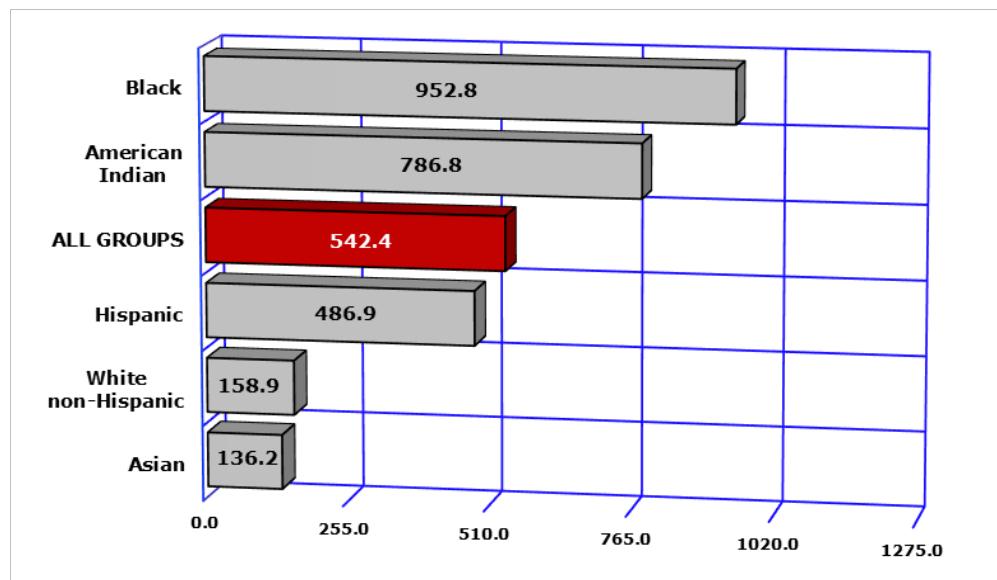


### COMPARATIVE RATES FOR 2013 AND 2023

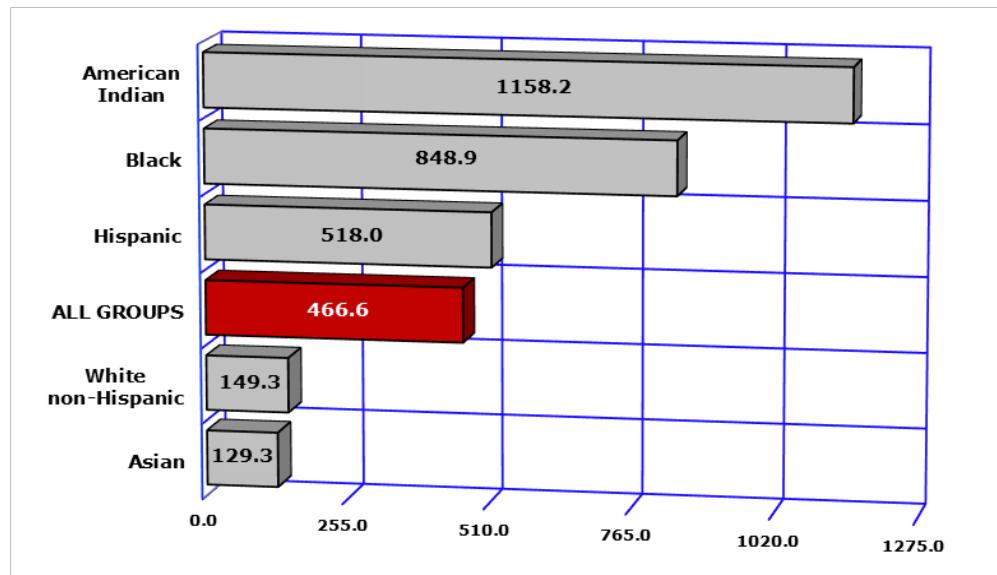
Number of reported cases per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2013	98.2	37.4	92.7	351.0	224.6	23.2
2023	188.4	71.6	185.1	562.0	340.1	52.3
% change from 2013	91.9	91.4	99.7	60.1	51.4	125.4

### 9-3 INCIDENCE (RATES) OF CHLAMYDIA

2023



2013

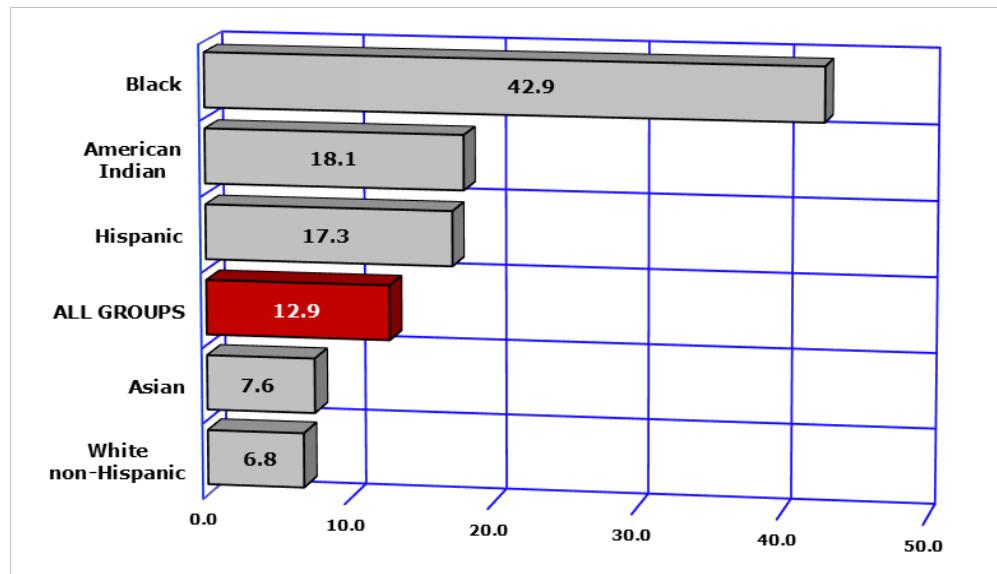


#### COMPARATIVE RATES FOR 2013 AND 2023

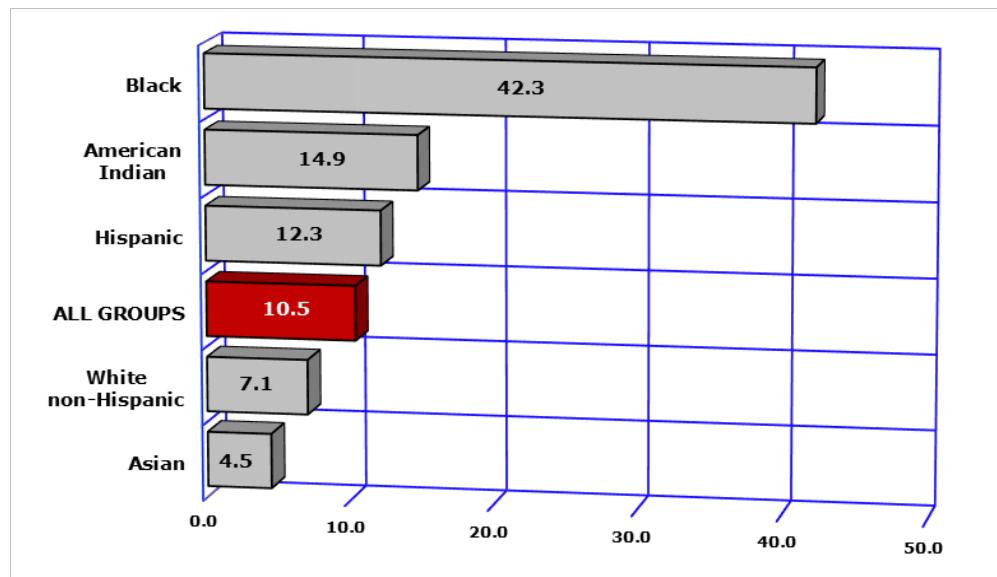
Number of reported cases per 100,000 population by race/ethnicity						
Year	All groups	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2013	466.6	149.3	518.0	848.9	1158.2	129.3
2023	542.4	158.9	486.9	952.8	786.8	136.2
% change from 2013	16.2	6.4	-6.0	12.2	-32.1	5.3

#### 9-4 INCIDENCE (RATES) OF HIV/AIDS

2023



2013



#### COMPARATIVE RATES FOR 2013 AND 2023

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
2013	10.5	7.1	12.3	42.3	14.9	4.5
2023	12.9	6.8	17.3	42.9	18.1	7.6
% change from 2013	22.9	-4.2	40.7	1.4	21.5	68.9



# **COMPARATIVE RATES AND RATIOS FOR 2013-2023**

**COMPARATIVE RATES AND RATIOS FOR  
2013 – 2023**

**1. TEEN PREGNANCIES**

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

Indicator	ALL ARIZONA RESIDENTS	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
Figure 1-1 - Pregnancies among females 19 and younger						
2023	9.7	5.3	13.4	11.6	14.7	3.3
2022	10.0	5.4	13.9	12.5	13.8	3.0
2021	10.6	6.0	14.4	12.6	16.3	3.4
2020	11.2	6.6	15.0	14.1	16.8	3.2
2019	11.9	6.9	15.6	15.1	18.8	4.3
2018	12.6	7.7	16.5	14.3	20.6	4.6
2017	13.7	8.2	17.8	17.8	22.8	5.8
2016	14.9	9.5	19.3	17.3	24.7	5.0
2015	15.9	10.5	20.4	16.6	26.8	6.3
2014	17.8	11.6	25.4	16.9	19.2	5.5
2013	19.2	9.8	25.0	25.1	29.7	6.8
Figure 1-2 - Pregnancies among females 14 and younger						
2023	0.2	0.1	0.3	0.2	0.1	0.1
2022	0.2	0.1	0.3	0.3	0.6	0.1
2021	0.3	0.2	0.3	0.5	0.7	0.4
2020	0.2	0.1	0.3	0.2	0.4	0.0
2019	0.2	0.1	0.3	0.3	0.6	0.0
2018	0.2	0.2	0.3	0.3	0.6	0.1
2017	0.3	0.1	0.4	0.5	0.7	0.1
2016	0.4	0.2	0.4	0.6	1.1	0.1
2015	0.3	0.1	0.4	0.3	0.9	0.0
2014	0.3	0.2	0.3	0.5	0.7	0.2
2013	0.4	0.1	0.6	0.7	0.6	0.3
Figure 1-3 - Pregnancies among females 15-17 years old						
2023	7.8	3.2	11.0	11.1	15.2	2.1
2022	7.9	3.5	11.8	10.3	10.8	2.2
2021	8.3	3.8	11.7	8.1	18.1	2.4
2020	9.3	4.4	12.9	11.2	18.5	2.8
2019	10.2	5.0	14.2	12.3	20.0	2.2
2018	10.8	5.3	15.4	11.6	19.8	2.3
2017	11.3	5.4	15.8	14.0	23.3	2.0
2016	12.6	6.5	17.6	14.0	24.8	3.4
2015	14.1	7.7	19.5	14.2	27.3	4.8
2014	16.1	8.2	25.2	15.9	21.0	4.6
2013	18.0	7.1	25.9	20.9	31.5	3.7
Figure 1-4 - Pregnancies among females 18-19 years old						
2023	35.8	20.2	49.5	41.0	53.8	12.6
2022	37.0	20.7	51.1	46.4	54.7	10.9
2021	39.3	22.8	53.6	49.3	56.1	11.9
2020	40.7	24.7	54.6	52.5	57.6	11.3
2019	42.8	25.7	56.7	55.8	64.9	16.8
2018	46.6	29.7	60.8	52.9	74.1	17.8
2017	50.9	31.5	66.5	64.9	78.9	24.2
2016	55.0	36.4	71.5	63.5	83.9	19.0
2015	58.4	40.2	74.7	59.8	90.8	23.8
2014	65.2	45.5	91.7	59.4	62.7	20.3
2013	64.8	34.0	87.4	82.9	98.0	25.5

## 2. MATERNAL LIFESTYLE AND HEALTH CHARACTERISTICS

(All ratios are per 100 live births)

Indicator	ALL ARIZONA RESIDENTS	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
Figure 2-1 - Unmarried mothers						
2023	45.5	30.5	56.2	61.6	79.0	16.9
2022	44.9	30.2	55.5	61.6	78.2	16.4
2021	45.2	30.5	56.2	64.3	79.5	17.6
2020	45.0	31.1	55.0	62.9	78.7	16.4
2019	45.0	31.3	55.0	62.7	78.4	14.8
2018	44.6	31.1	54.7	60.6	78.9	14.8
2017	44.4	30.7	55.1	60.6	77.9	14.6
2016	44.8	31.3	55.8	61.3	78.1	15.4
2015	45.3	31.5	56.2	63.2	79.6	14.3
2014	44.7	31.1	56.1	62.5	78.9	15.2
2013	45.1	30.3	57.1	63.7	79.2	16.0
Figure 2-2 - Tobacco use during pregnancy						
2023	2.1	3.3	1.0	2.5	2.2	0.6
2022	2.6	3.8	1.4	3.1	2.9	0.9
2021	3.2	4.8	1.6	3.5	3.5	1.0
2020	3.6	5.7	1.8	4.5	2.9	0.5
2019	4.3	6.9	2.0	5.0	3.1	0.9
2018	4.5	7.1	2.1	5.2	3.4	1.2
2017	4.7	7.5	2.1	5.5	3.4	0.9
2016	4.8	7.5	2.2	5.5	3.6	1.3
2015	5.2	8.1	2.3	7.3	3.4	1.1
2014	5.3	8.3	2.2	6.8	3.4	1.3
2013	4.4	7.0	1.8	6.5	2.9	1.1
Figure 2-3 - Pre-existing hypertension						
2023	2.1	1.8	2.0	4.1	4.4	1.4
2022	1.9	1.7	1.8	2.8	3.5	1.4
2021	1.9	1.6	1.7	3.8	3.3	1.0
2020	1.6	1.4	1.6	3.2	2.3	0.8
2019	1.5	1.3	1.5	3.2	2.3	0.8
2018	1.4	1.4	1.3	2.2	2.0	1.1
2017	1.3	1.2	1.3	2.1	1.7	1.1
2016	1.2	1.0	1.2	2.1	1.3	0.7
2015	1.1	1.0	1.1	2.3	1.4	0.8
2014	1.2	1.1	1.1	2.1	1.9	0.9
2013	1.1	1.1	1.1	1.8	1.4	0.8
Figure 2-4 - Gestational diabetes						
2023	10.3	7.8	11.1	8.2	20.9	17.6
2022	10.2	7.8	10.9	6.9	22.0	17.4
2021	9.9	7.6	10.8	8.0	19.4	16.9
2020	9.5	7.3	10.3	8.0	18.8	15.9
2019	8.7	6.8	9.2	6.6	17.4	14.5
2018	8.5	6.6	8.7	7.0	17.3	15.8
2017	7.7	6.1	8.0	5.7	14.8	13.5
2016	7.6	6.3	7.7	5.9	14.7	13.6
2015	7.5	6.0	7.9	6.1	14.5	13.6
2014	6.1	4.9	6.4	4.6	12.1	11.4
2013	5.7	4.4	6.1	5.0	11.1	9.7
Figure 2-5 - Gestational hypertension						
2023	10.4	9.8	10.0	11.9	18.8	6.9
2022	9.9	9.3	9.6	12.3	17.0	6.0
2021	9.1	8.7	8.7	11.4	14.8	6.0
2020	8.9	8.4	8.7	10.9	13.4	6.3
2019	8.0	7.6	7.7	10.3	13.2	4.9
2018	7.7	7.1	7.6	10.1	12.8	4.7
2017	6.7	6.4	6.4	8.3	11.2	4.2
2016	6.2	5.8	5.9	8.5	10.5	4.3
2015	6.0	5.7	5.7	7.7	10.3	3.3
2014	5.2	5.2	4.7	6.9	8.6	3.1
2013	5.6	5.9	4.9	6.4	7.4	4.9

## 2. MATERNAL LIFESTYLE AND HEALTH CHARACTERISTICS (continued)

(All ratios are per 100 live births)

Indicator	ALL ARIZONA RESIDENTS	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
Figure 2-6 - Gestational weight gain - Inadequate						
2023	21.6	18.7	23.2	22.9	23.4	29.7
2022	22.8	19.9	24.6	25.7	24.2	28.8
2021	22.3	19.3	24.4	25.1	22.4	27.8
2020	21.3	18.3	23.1	24.0	22.7	28.5
2019	21.5	18.4	23.6	23.6	22.3	28.3
2018	22.5	19.2	24.7	25.0	23.4	29.2
2017	22.5	19.1	24.9	25.9	23.5	28.1
2016	22.8	19.7	25.5	25.5	21.9	29.6
2015	22.2	18.7	25.2	24.7	23.3	27.5
2014	21.8	18.0	25.3	23.7	23.0	28.2
2013	27.6	20.7	33.9	31.7	36.3	23.9
Figure 2-7 - Gestational weight gain - Excessive						
2023	46.8	49.7	45.4	47.2	46.2	33.8
2022	45.6	48.6	43.7	45.2	46.6	34.4
2021	47.0	49.5	45.0	47.1	49.4	36.8
2020	47.5	50.4	45.4	47.8	48.3	35.2
2019	47.0	50.3	44.5	47.3	48.8	35.0
2018	46.4	49.4	44.4	46.4	47.4	34.5
2017	46.2	49.6	43.8	45.5	46.5	34.5
2016	45.6	48.2	43.2	46.0	49.1	34.6
2015	46.1	49.4	43.1	47.9	46.7	35.6
2014	46.5	50.2	43.1	48.1	46.3	33.9
2013	27.6	20.7	33.9	31.7	36.3	23.9

## 3. UTILIZATION OF PRENATAL CARE SERVICES

(Per 100 live births)

Indicator	ALL ARIZONA RESIDENTS	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
Figure 3-1 - No care in the 1 <sup>st</sup> trimester						
2023	28.6	22.7	32.2	35.0	41.0	25.4
2022	28.5	23.1	31.7	34.4	42.9	24.4
2021	28.3	22.7	31.9	34.9	42.3	22.3
2020	31.2	24.9	35.6	39.7	42.9	25.7
2019	31.1	24.2	35.8	40.2	42.6	26.8
2018	31.2	24.3	36.2	37.6	43.5	27.5
2017	31.7	25.4	36.6	38.6	40.6	27.8
2016	31.1	25.3	36.1	37.2	39.3	26.8
2015	32.1	26.8	36.4	37.8	41.5	28.2
2014	34.0	28.3	39.5	38.6	41.6	29.5
2013	18.7	12.6	23.8	21.8	31.3	13.6
Figure 3-2 - Fewer than five prenatal visits						
2023	7.1	4.5	8.6	9.8	14.0	4.9
2022	7.0	4.8	8.2	9.4	14.0	5.2
2021	7.2	4.9	8.6	8.7	16.8	4.9
2020	7.8	5.1	9.5	10.0	16.3	5.0
2019	8.2	5.2	10.0	10.2	17.4	5.2
2018	7.8	4.8	9.8	9.4	16.2	5.2
2017	7.5	4.7	9.5	8.9	15.6	4.7
2016	7.0	4.3	9.0	8.5	15.0	4.4
2015	6.6	3.9	8.3	8.9	14.6	4.8
2014	6.5	3.7	8.6	9.0	13.3	4.0
2013	5.1	2.8	6.8	6.0	11.9	3.3

### 3. UTILIZATION OF PRENATAL CARE SERVICES (continued)

(Per 100 live births)

Indicator	ALL ARIZONA RESIDENTS	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
Figure 3-3 - No prenatal care						
2023	2.4	1.6	3.0	2.9	3.8	1.3
2022	2.3	1.7	2.7	2.9	4.4	1.6
2021	2.5	1.7	3.1	2.6	5.4	1.6
2020	2.5	1.5	3.2	2.7	4.3	1.7
2019	2.6	1.5	3.4	3.0	5.3	1.3
2018	2.8	1.6	3.7	3.0	5.1	1.9
2017	2.9	1.6	4.1	3.3	4.1	1.9
2016	2.4	1.4	3.4	2.2	4.0	1.3
2015	2.2	1.3	3.0	2.5	4.3	1.2
2014	2.1	1.1	3.2	2.8	2.9	1.4
2013	1.4	0.7	2.1	1.3	2.4	0.7

### 4. NEWBORN'S HEALTH

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

Indicator	ALL ARIZONA RESIDENTS	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
Figure 4-1 - Newborn intensive care						
2023	7.8	7.8	7.4	10.3	8.4	7.7
2022	7.3	7.4	6.7	9.4	9.1	6.5
2021	7.9	7.9	7.5	11.2	9.0	7.0
2020	7.8	7.5	7.6	10.5	8.3	8.8
2019	7.7	7.4	7.4	10.8	8.6	6.8
2018	7.6	7.3	7.4	10.0	7.8	8.3
2017	7.1	6.8	7.1	9.3	6.5	6.9
2016	6.9	6.7	6.7	9.7	6.4	7.2
2015	6.9	6.6	6.7	10.9	6.0	7.8
2014	6.7	6.6	6.7	9.8	4.7	7.2
2013	5.3	5.3	5.2	7.2	4.1	5.5

Figure 4-2 - Born too early (preterm or <37 weeks)

2023	9.9	9.1	10.0	12.8	11.6	10.5
2022	9.8	9.2	9.6	12.7	12.5	10.5
2021	10.0	9.5	9.6	14.1	12.4	10.3
2020	9.5	8.9	9.3	13.1	10.8	9.3
2019	9.3	8.7	9.2	13.2	10.6	9.5
2018	9.5	8.9	9.5	12.4	10.4	10.0
2017	9.3	8.6	9.3	12.4	10.9	9.6
2016	9.0	8.5	9.2	12.4	9.9	8.7
2015	9.0	8.6	9.0	12.2	9.6	9.4
2014	9.0	8.6	9.2	12.1	8.2	8.0
2013	9.0	8.4	9.3	11.8	9.7	8.9

Figure 4-3 - Born too small: low-birthweight (<2,500 grams)

2023	8.1	7.3	7.8	13.0	8.0	11.0
2022	7.8	7.2	7.3	12.9	8.7	10.6
2021	7.9	7.2	7.6	13.6	7.8	9.2
2020	7.4	6.8	7.0	12.8	7.2	9.6
2019	7.4	6.8	7.0	12.3	7.9	8.6
2018	7.6	7.1	7.2	12.3	7.9	9.8
2017	7.5	7.0	7.0	12.4	7.7	9.5
2016	7.3	6.8	7.1	12.0	7.2	9.3
2015	7.2	6.6	6.9	12.3	7.3	9.0
2014	7.0	6.8	6.7	11.9	6.1	8.1
2013	6.9	6.4	6.6	11.1	7.2	7.9

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

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

Indicator	ALL ARIZONA RESIDENTS	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
Figure 4-4 - Born too small: very low-birthweight (<1,500 grams)						
2023	1.3	1.1	1.2	2.4	1.4	1.4
2022	1.2	1.0	1.1	2.4	1.6	1.3
2021	1.3	1.1	1.3	2.6	1.3	1.4
2020	1.1	1.0	1.1	2.6	1.2	1.1
2019	1.1	1.0	1.1	2.4	1.3	1.0
2018	1.2	1.1	1.3	2.1	1.4	1.2
2017	1.2	1.0	1.3	2.3	1.3	1.1
2016	1.2	1.1	1.2	2.4	1.3	1.4
2015	1.1	1.0	1.1	2.3	1.3	1.2
2014	1.2	1.1	1.1	2.5	0.9	1.2
2013	1.1	1.0	1.1	2.0	1.0	1.1
Figure 4-5 - Incidence of congenital anomalies (birth defects)						
2023	0.4	0.4	0.4	0.3	0.7	0.3
2022	0.4	0.4	0.4	0.3	0.8	0.4
2021	0.5	0.5	0.5	0.4	0.6	0.3
2020	0.4	0.4	0.4	0.2	0.6	0.3
2019	0.4	0.5	0.4	0.3	0.7	0.4
2018	0.5	0.5	0.5	0.4	0.9	0.4
2017	0.5	0.6	0.5	0.4	0.8	0.2
2016	0.5	0.4	0.5	0.2	1.2	0.2
2015	0.5	0.5	0.4	0.4	1.0	0.2
2014	0.5	0.5	0.5	0.3	0.8	0.2
2013	0.7	0.7	0.8	0.9	0.8	0.5
Figure 4-6 - Infant mortality						
2023	5.5	4.5	5.8	9.2	7.4	4.0
2022	6.2	5.3	5.8	11.6	9.2	5.1
2021	5.5	4.3	5.6	12.9	5.6	4.0
2020	5.3	4.5	4.7	12.4	8.1	2.7
2019	5.4	4.4	5.2	11.9	6.9	5.1
2018	5.6	4.6	5.7	9.2	9.3	2.8
2017	5.6	4.7	5.2	10.7	9.5	4.8
2016	5.4	3.9	6.0	11.4	8.3	3.9
2015	5.6	4.7	5.5	11.0	7.8	4.0
2014	6.2	5.3	6.4	11.7	8.7	2.5
2013	5.3	4.2	5.6	12.5	6.6	1.7
Figure 4-7 - Sudden Infant Death Syndrome (SIDS)						
2023	0.1	0.1	0.1	0.2	0.3	0.0
2022	0.2	0.2	0.1	0.2	0.7	0.0
2021	0.2	0.3	0.1	0.2	0.3	0.0
2020	0.2	0.2	0.1	0.2	0.5	0.0
2019	0.2	0.3	0.1	0.0	0.7	0.3
2018	0.2	0.1	0.1	0.6	0.4	0.3
2017	0.2	0.1	0.1	0.7	0.4	0.6
2016	0.1	0.1	0.0	0.2	0.2	0.0
2015	0.2	0.2	0.1	0.2	0.4	0.0
2014	0.2	0.1	0.1	0.2	0.4	0.0
2013	0.2	0.2	0.1	0.6	0.2	0.0
Figure 4-8 - Mortality of infants from low birthweight/short gestation						
2023	0.8	0.5	0.9	1.7	1.3	1.8
2022	1.1	0.8	1.2	3.1	0.7	1.3
2021	1.1	0.8	1.2	3.5	0.3	1.3
2020	1.0	0.8	0.8	2.5	0.5	0.7
2019	0.7	0.4	0.8	2.1	0.2	1.3
2018	0.9	0.7	0.9	1.3	0.8	0.9
2017	0.8	0.6	0.8	1.7	0.6	0.9
2016	0.7	0.3	0.9	1.6	1.2	0.6
2015	0.6	0.5	0.7	1.4	0.6	0.3
2014	0.7	0.5	0.8	1.3	0.8	0.9
2013	0.7	0.4	0.9	1.7	0.5	0.3

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

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

Indicator	ALL ARIZONA RESIDENTS	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
Figure 4-9 - Neonatal mortality						
2023	3.8	2.9	4.3	5.9	5.1	3.1
2022	4.1	3.4	4.1	8.0	4.5	3.2
2021	3.8	2.7	4.2	9.2	3.1	3.0
2020	3.5	3.0	3.4	7.6	3.2	1.3
2019	3.4	2.7	3.3	7.6	3.1	3.5
2018	3.9	3.3	4.1	5.4	5.3	1.5
2017	3.5	3.0	3.5	6.5	4.1	2.1
2016	3.6	2.4	4.2	7.5	4.2	3.9
2015	3.5	2.8	3.8	5.7	3.2	3.7
2014	4.1	3.4	4.4	7.5	5.1	2.2
2013	3.4	2.5	4.0	8.0	3.7	0.9
Figure 4-10 - Postneonatal mortality						
2023	1.7	1.6	1.5	3.4	2.3	0.9
2022	2.1	1.9	1.7	3.5	4.7	1.9
2021	1.7	1.6	1.5	3.8	2.6	1.0
2020	1.8	1.5	1.3	4.8	4.9	1.3
2019	2.1	1.7	1.9	4.3	3.8	1.6
2018	1.7	1.3	1.5	3.9	4.0	1.2
2017	2.1	1.7	1.7	4.1	5.3	2.7
2016	1.8	1.4	1.8	3.9	4.2	0.0
2015	2.1	1.9	1.7	5.3	4.6	0.3
2014	2.1	1.9	2.0	4.2	3.7	0.3
2013	1.9	1.7	1.6	4.4	2.9	0.9

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

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

Indicator	ALL ARIZONA RESIDENTS	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
Figure 5-1 - Cardiovascular diseases						
2023	194.5	195.3	173.7	284.1	205.2	118.9
2022	199.7	200.3	178.4	287.3	211.8	131.1
2021	203.4	203.4	182.6	289.1	210.8	146.5
2020	205.3	204.5	182.7	293.7	237.2	134.7
2019	184.9	185.9	160.4	254.7	192.7	128.0
2018	188.4	189.8	167.5	241.1	186.0	128.2
2017	189.9	191.4	166.2	258.3	204.2	125.2
2016	190.8	194.4	168.3	275.8	189.6	120.9
2015	189.0	192.4	165.1	266.8	167.0	119.1
2014	171.6	174.9	156.2	212.3	147.7	100.8
2013	187.7	190.9	161.9	280.2	164.2	133.6
Figure 5-2 - Diseases of the heart						
2023	145.4	148.9	117.7	195.9	157.0	79.6
2022	148.2	151.3	121.2	194.9	156.1	88.9
2021	151.2	154.7	123.5	193.3	145.9	97.6
2020	152.9	154.9	125.5	212.3	164.3	91.0
2019	137.3	140.4	107.9	188.3	132.8	86.7
2018	140.5	144.3	116.0	166.4	129.9	86.0
2017	141.9	146.1	112.5	169.6	150.9	87.2
2016	142.5	147.7	116.3	188.3	139.9	76.6
2015	141.3	146.0	117.6	184.4	119.9	75.0
2014	129.9	134.4	114.0	140.9	107.5	60.3
2013	143.0	147.6	116.1	200.5	122.9	82.5

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

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

Indicator	ALL ARIZONA RESIDENTS	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
<b>Figure 5-3 - Coronary heart disease</b>						
2023	101.3	104.4	82.2	135.0	102.8	53.2
2022	103.9	106.5	84.8	131.5	104.0	67.4
2021	108.1	110.8	88.0	144.1	97.6	70.9
2020	109.4	111.2	91.5	138.3	111.1	66.6
2019	98.2	101.0	75.6	128.5	87.8	62.2
2018	100.8	102.9	86.2	117.5	92.8	67.1
2017	102.8	105.4	85.1	122.8	109.5	70.6
2016	106.2	110.5	86.4	141.6	99.9	56.1
2015	104.6	108.0	90.2	132.5	83.3	54.9
2014	99.3	102.7	88.1	109.9	79.6	50.4
2013	110.0	113.3	91.6	164.0	92.7	63.4
<b>Figure 5-4 - Cerebrovascular disease</b>						
2023	32.5	30.6	38.5	51.4	30.3	25.9
2022	34.5	32.8	38.3	54.2	36.6	29.4
2021	34.4	32.0	38.6	61.9	41.3	32.3
2020	34.6	32.9	38.3	48.6	43.5	29.9
2019	31.0	30.0	33.9	35.7	35.7	23.2
2018	32.1	30.6	34.6	44.1	39.2	27.9
2017	30.7	29.2	34.5	49.2	31.7	23.6
2016	30.7	30.0	31.5	48.1	30.1	31.1
2015	31.1	30.1	32.4	51.8	31.6	30.4
2014	26.2	25.3	27.4	40.8	24.5	28.7
2013	28.2	27.1	29.7	54.4	23.4	30.7
<b>Figure 5-5 - Chronic lower respiratory diseases</b>						
2023	33.9	38.5	14.9	25.9	18.2	8.3
2022	35.3	40.1	15.3	36.6	14.6	11.1
2021	35.3	39.8	17.2	25.7	15.2	13.7
2020	38.8	43.1	21.9	27.4	20.9	14.3
2019	39.2	43.7	20.1	34.2	18.1	11.6
2018	42.6	48.0	18.3	38.2	20.8	17.2
2017	43.0	48.0	19.9	28.8	22.9	20.1
2016	45.0	50.9	20.0	43.8	19.5	11.3
2015	45.1	50.8	21.5	34.0	14.8	18.1
2014	41.1	45.9	21.1	34.0	12.4	17.3
2013	44.5	49.3	20.9	46.7	15.5	19.4
<b>Figure 5-6 - Malignant neoplasms (cancer)</b>						
2023	128.4	129.6	120.2	166.9	125.2	88.3
2022	133.1	136.5	113.8	166.1	139.3	102.7
2021	131.8	136.0	110.9	154.4	128.9	94.4
2020	134.7	138.9	114.8	169.4	116.5	87.9
2019	134.7	136.9	118.3	173.5	132.3	98.4
2018	135.9	140.2	118.7	156.7	115.3	102.7
2017	136.6	141.4	110.9	158.5	117.1	99.4
2016	140.7	146.7	115.9	171.6	101.2	102.6
2015	144.0	149.8	120.4	154.7	124.4	104.8
2014	136.3	141.8	124.9	145.0	97.1	83.2
2013	149.6	154.3	129.8	190.4	118.2	100.1
<b>Figure 5-7 - Lung cancer</b>						
2023	23.1	25.1	14.7	29.3	8.2	15.7
2022	24.3	26.5	15.6	30.3	8.9	21.5
2021	25.8	28.8	14.4	23.1	7.9	19.9
2020	26.8	29.4	15.3	36.0	9.6	14.8
2019	26.2	28.6	16.3	33.1	8.1	20.9
2018	28.9	31.5	17.6	35.6	9.0	22.8
2017	30.8	34.3	15.2	27.9	8.5	29.2
2016	31.4	34.8	17.8	37.8	7.4	19.5
2015	35.1	39.1	18.8	38.4	8.1	30.6
2014	32.2	35.3	21.6	29.5	10.2	26.7
2013	36.4	40.2	22.1	40.5	10.0	22.9

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

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

Indicator	All Arizona Residents	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
Figure 5-8 - Breast cancer (female)						
2023	17.5	18.0	16.5	18.9	16.0	5.9
2022	18.8	19.8	13.4	33.9	11.2	12.6
2021	19.5	19.9	15.5	30.5	18.3	17.7
2020	18.5	19.5	15.9	28.2	6.5	13.5
2019	18.8	19.1	15.2	39.3	17.6	13.8
2018	17.6	18.7	13.8	24.9	9.1	17.6
2017	18.2	18.7	13.3	36.7	13.0	14.5
2016	19.4	20.8	13.9	23.0	11.8	13.4
2015	19.2	20.7	12.9	23.1	12.8	13.3
2014	17.9	18.5	16.5	29.4	9.2	6.3
2013	20.7	21.3	19.7	23.3	13.1	11.4
Figure 5-9 - Cervical cancer (female)						
2023	2.0	2.2	1.2	0.6	3.0	5.2
2022	2.3	2.1	3.2	1.7	0.8	0.0
2021	2.5	2.1	2.7	4.7	5.0	2.0
2020	1.7	1.3	2.5	2.3	2.3	1.3
2019	2.0	2.2	2.3	0.6	1.5	1.6
2018	2.0	1.7	2.2	2.1	2.2	1.7
2017	2.1	1.8	2.8	2.2	1.8	1.5
2016	2.1	1.8	3.1	3.6	1.9	0.0
2015	2.3	1.9	3.6	2.2	1.9	2.1
2014	2.0	2.0	2.2	4.5	0.0	1.9
2013	2.4	2.1	4.4	1.5	2.0	0.8
Figure 5-10 - Colorectal cancer						
2023	12.8	12.6	12.9	21.4	13.6	8.9
2022	12.6	12.6	11.5	18.1	20.1	10.5
2021	12.4	12.6	11.9	15.9	8.2	9.6
2020	12.7	12.9	11.3	18.2	12.8	9.2
2019	12.3	12.4	11.2	14.2	12.9	11.0
2018	12.9	12.7	13.8	17.2	10.8	12.5
2017	13.0	13.2	12.7	15.1	11.1	6.0
2016	12.9	13.2	11.1	17.4	8.0	13.1
2015	12.9	12.9	11.8	19.5	13.3	9.4
2014	12.4	13.2	10.8	15.8	7.0	7.2
2013	13.6	13.7	12.5	21.7	11.3	12.1
Figure 5-11 - Prostate cancer (males)						
2023	17.2	16.4	19.7	38.7	21.5	6.4
2022	16.7	16.4	14.8	32.1	16.0	12.7
2021	17.2	16.6	18.2	37.0	13.0	9.3
2020	18.5	18.2	18.3	35.4	17.5	8.1
2019	17.4	17.0	16.9	41.9	19.0	9.9
2018	17.4	17.1	15.8	30.5	23.7	12.1
2017	16.8	16.5	16.3	26.3	19.9	9.7
2016	18.8	18.6	19.4	39.5	15.9	6.4
2015	17.6	17.3	17.6	29.6	26.0	10.7
2014	17.0	17.0	15.5	24.0	23.0	7.4
2013	18.2	18.0	17.0	26.7	19.9	18.5
Figure 5-12 - Influenza and pneumonia						
2023	9.6	8.9	10.1	12.3	28.0	7.6
2022	10.0	9.1	11.2	10.3	32.5	6.0
2021	9.9	9.1	10.3	13.4	26.7	8.1
2020	12.1	10.9	14.4	12.8	41.4	7.8
2019	10.4	9.7	9.9	12.6	27.6	9.9
2018	12.7	12.3	12.7	11.7	30.1	8.2
2017	9.9	9.3	11.2	9.3	25.0	5.1
2016	10.4	9.6	11.5	10.3	29.6	9.9
2015	9.4	8.6	11.2	16.4	23.8	6.7
2014	8.9	8.8	9.4	4.2	22.9	6.7
2013	10.0	9.6	10.9	11.9	24.7	8.0

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

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

Indicator	All Arizona Residents	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
<b>Figure 5-13 - Diabetes</b>						
2023	23.9	19.2	33.2	43.2	83.7	22.5
2022	25.1	19.7	39.5	42.4	88.0	19.4
2021	26.8	20.0	42.5	48.3	97.6	30.1
2020	27.9	21.4	43.1	51.7	106.4	22.1
2019	23.9	18.9	34.6	43.6	91.4	19.5
2018	23.0	18.0	35.0	48.9	73.6	17.0
2017	23.8	18.1	39.4	45.9	81.6	21.3
2016	24.5	19.3	40.5	50.1	79.9	20.8
2015	25.7	20.1	45.3	53.0	73.9	22.7
2014	23.0	18.8	39.1	39.7	63.2	18.3
2013	23.6	18.6	40.7	60.2	65.7	17.9
<b>Figure 5-14 - Chronic liver disease and cirrhosis</b>						
2023	16.4	13.8	17.1	8.3	91.8	6.4
2022	17.4	13.4	19.9	8.2	106.0	4.9
2021	21.6	17.5	18.6	12.9	145.7	4.3
2020	17.4	14.9	16.7	4.3	103.2	3.1
2019	14.7	12.4	14.5	7.8	82.7	3.9
2018	14.2	11.3	15.1	6.8	88.8	3.4
2017	14.2	11.9	15.8	4.6	74.0	4.8
2016	15.1	12.5	16.8	7.7	85.9	2.0
2015	14.9	13.1	14.0	8.4	77.6	4.0
2014	13.2	10.9	18.0	8.3	52.7	3.8
2013	14.5	12.6	16.7	6.8	62.0	3.9
<b>Figure 5-15 - HIV disease</b>						
2023	0.9	0.7	1.1	2.1	2.2	0.6
2022	1.4	1.1	1.5	3.5	2.5	0.6
2021	1.3	0.9	1.6	3.8	3.3	0.3
2020	0.9	0.8	0.6	3.8	1.6	0.3
2019	0.9	0.8	0.8	3.3	1.9	0.0
2018	1.1	0.9	1.0	1.9	2.1	1.1
2017	1.2	1.0	1.3	3.6	1.1	0.4
2016	1.4	1.3	1.0	7.2	1.3	0.8
2015	1.6	1.3	1.4	5.3	2.1	0.8
2014	1.6	1.5	1.6	4.5	1.8	0.7
2013	1.4	1.2	1.2	5.9	1.9	0.0
<b>Figure 5-16 - Septicemia</b>						
2023	5.7	4.7	8.1	10.3	16.5	2.3
2022	5.5	4.9	6.6	6.3	15.2	3.6
2021	5.4	5.3	5.6	8.1	15.1	2.3
2020	4.7	4.1	5.3	8.3	19.3	2.7
2019	3.8	3.1	4.4	3.8	14.0	2.4
2018	4.4	3.9	5.7	5.6	13.4	1.3
2017	5.5	4.9	7.1	8.0	14.5	4.0
2016	6.2	5.2	7.3	11.7	17.6	4.7
2015	5.4	5.0	5.9	9.7	14.0	4.7
2014	4.4	4.0	5.6	4.0	8.5	3.1
2013	4.8	4.5	6.1	7.4	11.4	3.8
<b>Figure 5-17 - Alzheimer's disease</b>						
2023	26.3	26.2	29.3	35.8	15.6	14.6
2022	28.5	28.6	29.6	35.7	18.9	17.3
2021	28.3	28.5	29.8	29.1	20.6	18.9
2020	34.7	34.6	36.1	44.8	21.4	28.6
2019	33.2	33.6	33.0	44.8	20.4	18.8
2018	34.3	35.1	30.5	45.1	21.0	19.8
2017	35.2	36.1	33.6	39.5	12.7	16.9
2016	37.3	37.9	34.6	48.6	24.5	26.2
2015	37.3	37.8	36.5	46.1	21.3	20.4
2014	30.9	31.1	34.1	35.8	21.4	11.0
2013	33.2	33.4	35.6	41.3	16.0	18.2

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

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

Indicator	ALL ARIZONA RESIDENTS	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
Figure 5-18 - Nephritis, nephrotic syndrome and nephrosis (kidney disease)						
2023	8.2	6.3	10.9	18.5	25.7	9.3
2022	8.5	6.9	12.4	15.0	28.9	4.8
2021	9.1	7.5	12.5	17.4	23.2	7.5
2020	8.4	7.2	12.0	11.8	20.2	5.5
2019	8.3	7.0	12.2	10.7	23.3	7.5
2018	7.7	6.3	10.5	21.5	23.0	6.5
2017	6.2	5.4	7.1	9.4	18.7	6.4
2016	5.8	4.9	8.4	8.4	24.7	1.5
2015	6.3	5.6	8.3	10.7	18.3	5.7
2014	4.6	4.2	6.8	5.3	8.3	3.8
2013	5.3	4.9	4.5	12.2	15.8	6.2
Figure 5-19 - Essential (primary) hypertension						
2023	10.6	9.6	12.3	26.8	12.5	10.7
2022	11.3	10.1	14.6	28.4	14.3	7.6
2021	12.4	11.1	15.9	26.1	19.7	11.7
2020	12.2	10.9	14.2	25.0	25.1	8.8
2019	11.0	9.8	13.3	23.7	21.4	13.1
2018	10.5	9.3	12.9	23.6	13.4	11.6
2017	11.8	10.6	14.1	29.6	14.9	10.6
2016	12.2	11.2	14.6	28.5	16.1	11.1
2015	11.1	10.7	11.7	21.6	13.0	8.7
2014	9.9	9.2	10.2	23.1	13.3	9.2
2013	9.7	8.9	11.4	21.3	12.7	17.0
Figure 5-20 - COVID-19						
2023	9.5	9.3	9.7	7.8	20.3	9.3
2022	47.5	41.7	62.7	52.7	116.7	30.1
2021	136.9	103.5	220.5	168.5	394.4	120.1
2020	92.1	55.4	185.8	101.6	492.3	72.6
2019	-	-	-	-	-	-
2018	-	-	-	-	-	-
2017	-	-	-	-	-	-
2016	-	-	-	-	-	-
2015	-	-	-	-	-	-
2014	-	-	-	-	-	-
2013	-	-	-	-	-	-
Figure 5-21 - Total mortality from all causes						
2023	720.5	706.9	663.9	956.4	1210.0	428.8
2022	784.3	766.9	733.9	1010.8	1378.6	474.3
2021	882.6	835.4	892.8	1113.6	1704.7	597.0
2020	842.2	794.6	871.7	1057.7	1757.8	507.4
2019	676.6	674.5	602.8	841.5	1051.0	421.6
2018	688.6	690.2	607.1	843.2	1036.1	429.7
2017	679.3	681.4	592.0	800.0	1001.9	419.1
2016	696.6	704.8	607.5	874.2	1023.9	433.5
2015	691.3	704.1	601.5	832.8	965.3	413.8
2014	676.0	685.7	636.9	739.9	818.5	371.8
2013	687.8	693.7	615.6	918.5	887.0	413.4

## 6. MORTALITY FROM INJURIES

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

Indicator	ALL ARIZONA RESIDENTS	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
Figure 6-1 - Unintentional injuries						
2023	74.6	71.1	63.7	98.7	203.3	27.8
2022	74.8	71.8	63.3	91.2	206.5	31.1
2021	77.8	74.8	66.6	101.3	206.9	30.5
2020	71.5	69.2	60.3	82.2	180.1	20.2
2019	59.2	60.5	48.3	60.4	129.4	22.9
2018	55.9	56.3	44.5	57.6	144.5	24.9
2017	55.3	54.5	45.9	60.3	142.0	24.3
2016	53.7	55.2	41.6	52.2	139.1	25.9
2015	48.1	49.3	36.7	50.5	139.0	21.7
2014	43.3	43.7	35.9	37.6	85.4	18.3
2013	46.3	47.9	38.5	43.3	104.5	13.4
Figure 6-2 - Motor vehicle-related injuries						
2023	16.7	14.8	14.6	20.5	64.3	8.7
2022	17.5	15.4	16.7	21.3	59.7	8.8
2021	18.4	16.1	16.7	23.3	65.5	6.6
2020	14.0	12.0	13.7	12.2	44.7	6.8
2019	13.1	12.4	12.5	12.0	36.7	6.1
2018	14.1	12.3	12.1	13.9	60.7	6.2
2017	13.8	12.0	12.7	17.1	54.0	7.5
2016	13.9	11.5	13.3	19.1	52.2	7.2
2015	12.6	10.7	9.9	14.1	54.3	8.2
2014	10.3	8.3	10.3	7.9	35.6	2.5
2013	11.4	10.2	11.4	12.0	31.7	5.8
Figure 6-3 - Fall-related injuries						
2023	13.0	13.3	10.9	5.8	20.5	7.6
2022	12.0	12.4	9.2	4.5	17.2	9.1
2021	12.0	12.3	9.9	6.2	18.7	10.8
2020	12.2	12.7	9.6	6.5	20.5	5.0
2019	12.2	12.8	9.3	7.1	15.8	6.2
2018	12.4	12.6	10.3	7.9	17.2	10.6
2017	12.4	12.9	10.1	6.4	17.1	7.8
2016	13.4	14.0	11.0	6.0	17.5	7.5
2015	12.8	13.0	12.1	12.5	15.6	9.5
2014	11.7	11.9	10.2	8.4	7.7	12.0
2013	12.1	12.4	12.0	8.8	10.3	5.7
Figure 6-4 - Drowning mortality						
2023	1.5	1.7	1.1	2.2	2.0	1.4
2022	1.7	1.8	1.0	2.6	3.7	1.3
2021	1.6	1.6	1.1	3.9	2.6	1.9
2020	1.3	1.6	0.9	1.4	1.7	1.0
2019	1.3	1.2	0.9	0.8	3.7	0.7
2018	1.3	1.5	0.7	2.5	2.7	1.6
2017	1.5	1.2	1.2	3.2	3.4	2.4
2016	1.5	1.7	0.9	2.6	2.5	2.3
2015	1.2	1.3	0.8	1.2	1.4	0.8
2014	1.2	1.2	0.8	1.7	2.5	0.5
2013	1.1	1.1	1.0	0.7	1.3	1.5
Figure 6-5 - Injury by firearms						
2023	18.3	18.0	13.1	31.4	30.9	4.4
2022	20.1	19.5	15.8	31.0	36.1	5.6
2021	18.3	18.2	13.8	33.2	26.6	5.3
2020	17.2	17.6	10.8	32.4	28.3	5.6
2019	15.3	17.2	10.2	18.7	14.9	4.0
2018	15.5	16.6	9.9	24.8	18.2	3.7
2017	15.8	17.0	9.9	22.8	17.1	4.4
2016	15.3	16.9	10.2	22.8	12.0	5.6
2015	13.7	16.5	7.2	15.7	11.4	3.0
2014	12.6	14.6	8.3	13.9	6.7	2.2
2013	14.1	15.8	8.6	17.0	13.0	5.1

## 6. MORTALITY FROM INJURIES (continued)

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

Indicator	ALL ARIZONA RESIDENTS	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
Figure 6-6 - Drug-induced deaths						
2023	36.8	36.2	31.1	58.7	78.7	8.4
2022	38.6	39.1	32.5	55.3	83.7	10.8
2021	40.6	42.1	34.0	59.6	72.7	9.3
2020	38.4	40.4	31.6	51.9	64.3	5.9
2019	28.4	32.0	21.4	38.6	34.3	6.1
2018	25.4	29.3	18.4	30.9	31.2	4.6
2017	23.3	26.4	16.5	27.5	25.2	4.7
2016	21.5	27.9	12.2	21.7	17.8	4.6
2015	19.8	25.4	11.7	20.0	15.8	1.6
2014	18.4	23.3	10.8	16.2	13.4	3.3
2013	16.9	21.2	9.9	13.5	18.7	0.4
Figure 6-7 - Alcohol-induced deaths						
2023	17.9	16.6	11.2	8.9	115.6	4.5
2022	20.0	16.4	15.5	7.8	142.5	4.1
2021	24.3	21.0	14.6	13.0	181.0	3.0
2020	20.4	17.9	12.8	8.2	149.2	1.9
2019	16.2	14.9	11.3	7.5	96.5	1.6
2018	15.2	12.9	10.7	8.1	105.5	3.0
2017	16.1	13.7	12.3	6.6	104.1	4.0
2016	17.6	14.7	13.8	9.7	123.0	2.5
2015	17.5	15.5	13.3	8.1	111.5	1.1
2014	14.8	12.7	13.8	9.2	68.0	1.6
2013	15.7	13.7	12.5	7.1	84.7	2.0
Figure 6-8 - Intentional self-harm (suicide)						
2023	18.9	21.9	10.9	18.0	32.1	6.0
2022	20.5	24.3	12.2	14.3	35.1	9.4
2021	19.4	23.3	10.0	13.3	39.7	9.8
2020	18.2	22.5	9.2	13.7	28.0	6.8
2019	18.9	23.1	9.9	12.5	26.8	7.3
2018	19.5	23.7	8.7	16.0	36.5	7.3
2017	18.0	22.1	8.5	10.5	26.2	9.3
2016	17.7	21.7	8.8	9.0	24.2	9.3
2015	17.8	23.6	6.7	6.6	19.0	7.0
2014	16.5	21.0	8.3	9.0	13.9	7.0
2013	17.0	20.8	8.4	6.7	21.9	7.0
Figure 6-9 - Assault (homicide)						
2023	7.4	4.1	7.8	21.9	26.1	1.6
2022	9.0	4.7	9.4	27.4	34.5	2.6
2021	8.1	4.0	9.1	29.5	23.7	3.8
2020	7.7	4.3	6.9	27.3	28.4	2.3
2019	5.9	3.7	5.8	15.2	20.3	2.3
2018	6.1	3.6	6.6	19.3	17.9	2.6
2017	6.4	4.1	6.8	17.9	17.9	0.7
2016	6.3	3.7	6.8	20.4	17.6	4.0
2015	5.6	4.0	5.3	15.5	15.7	2.4
2014	4.6	3.0	6.0	11.1	7.3	0.4
2013	5.9	4.0	5.8	15.4	17.7	1.9

## 7. AGE-SPECIFIC MORTALITY

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

Indicator	ALL ARIZONA RESIDENTS	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
Figure 7-1 - Mortality among children 1-14 years old						
2023	20.4	18.0	17.7	43.8	30.0	20.5
2022	17.9	17.5	13.1	34.9	46.3	14.6
2021	19.8	16.0	15.6	47.8	50.2	21.2
2020	19.1	20.4	14.9	27.9	35.1	15.9
2019	17.5	16.6	14.7	30.7	36.8	11.1
2018	19.1	20.5	14.7	25.0	40.7	13.8
2017	18.2	18.5	14.6	24.2	39.2	9.4
2016	18.3	14.6	16.3	28.6	49.0	23.7
2015	15.4	13.9	11.9	25.2	50.3	9.6
2014	17.9	16.2	17.2	21.7	28.8	10.1
2013	19.8	17.1	17.7	30.9	49.2	11.5
Figure 7-2 - Mortality among adolescents 15-19 years old						
2023	68.7	54.5	65.9	127.2	163.8	37.7
2022	74.4	64.2	74.1	90.8	178.7	32.8
2021	83.7	76.4	71.5	167.1	181.1	22.3
2020	82.3	60.6	84.9	162.9	190.5	22.6
2019	63.2	54.5	62.0	105.2	132.9	17.1
2018	62.6	61.9	55.0	77.1	138.9	24.0
2017	53.7	48.1	45.9	70.7	174.4	12.6
2016	53.5	47.5	45.4	103.1	117.6	52.1
2015	47.5	48.1	40.8	58.9	97.1	27.1
2014	46.5	48.7	43.6	39.7	72.2	11.9
2013	45.5	42.5	39.1	64.1	103.1	32.4
Figure 7-3 - Mortality among young adults 20-44 years old						
2023	201.1	186.9	157.6	289.7	715.6	63.7
2022	221.9	201.7	171.8	309.2	847.2	82.0
2021	262.6	229.2	217.6	350.0	1012.5	99.2
2020	227.3	203.8	185.8	302.5	857.2	67.8
2019	168.2	167.1	129.1	221.2	514.8	65.1
2018	160.9	162.3	116.9	210.0	523.8	49.2
2017	155.9	156.8	118.1	187.5	463.9	50.6
2016	153.3	157.8	111.0	186.2	474.5	61.7
2015	146.6	154.7	102.8	191.7	423.9	52.3
2014	138.6	146.2	107.2	138.3	300.1	49.1
2013	143.5	143.2	112.6	174.2	390.8	51.3
Figure 7-4 - Mortality among middle-age adults 45-64 years old						
2023	645.9	656.9	499.7	885.9	1400.6	301.4
2022	747.3	757.6	592.5	1026.2	1629.2	340.3
2021	932.1	884.2	847.6	1215.4	2322.8	479.0
2020	819.2	769.3	720.8	1098.0	2185.5	360.6
2019	629.7	653.0	460.1	819.6	1213.0	297.8
2018	639.4	662.0	471.7	816.1	1221.0	301.7
2017	626.8	648.2	456.9	860.6	1076.6	284.6
2016	657.8	701.8	464.4	854.1	1189.8	306.0
2015	641.0	684.0	468.5	794.1	1108.3	236.4
2014	617.7	656.4	479.5	721.1	860.3	208.9
2013	620.7	661.0	461.2	788.7	943.5	199.0
Figure 7-5 - Mortality among elderly adults 65 years old and older						
2023	3699.1	3747.2	3316.4	4336.0	4215.3	2259.7
2022	3958.9	4000.0	3633.0	4438.9	4632.7	2469.9
2021	4304.7	4261.4	4308.3	4740.2	5588.7	3095.8
2020	4286.1	4207.7	4385.8	4677.2	6541.7	2663.5
2019	3511.9	3572.8	3088.5	3811.8	3995.6	2174.6
2018	3588.4	3660.9	3112.0	3802.9	3800.7	2244.9
2017	3579.6	3664.9	3048.2	3543.5	3933.6	2163.0
2016	3669.5	3768.6	3154.9	4033.9	3920.9	2135.9
2015	3671.5	3780.5	3110.7	3891.5	3804.3	2165.2
2014	3610.4	3696.9	3330.3	3517.5	3462.4	1916.4
2013	3667.5	3765.3	3132.4	4306.1	3516.0	2146.7

## 8. PREMATURE MORTALITY

Indicator	ALL ARIZONA RESIDENTS	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
Figure 8-1 - Median age at death from all causes						
2023	76.0	78.0	70.0	67.0	60.0	75.0
2022	76.0	78.0	69.0	66.0	59.0	75.0
2021	74.0	77.0	67.0	65.0	59.0	74.0
2020	76.0	78.0	69.0	65.0	62.0	76.0
2019	76.0	78.0	70.0	66.0	62.0	74.0
2018	76.0	78.0	70.0	67.0	60.0	75.0
2017	76.0	78.0	69.0	65.0	61.0	75.0
2016	76.0	78.0	69.0	66.0	60.0	74.0
2015	76.0	78.0	69.0	66.0	60.0	75.0
2014	76.0	78.0	69.0	65.0	61.0	74.0
2013	77.0	79.0	69.0	66.0	60.0	76.0
Figure 8-2 - Median age at death from all causes among males						
2023	74.0	76.0	65.0	64.0	56.0	71.0
2022	73.0	76.0	65.0	63.0	55.0	71.0
2021	72.0	75.0	64.0	62.0	56.0	71.0
2020	73.0	76.0	66.0	63.0	59.0	72.0
2019	74.0	76.0	65.0	65.0	58.0	71.0
2018	73.0	76.0	65.0	63.0	56.0	72.0
2017	73.0	76.0	65.0	62.0	57.0	72.0
2016	73.0	75.0	65.0	63.0	56.0	69.5
2015	73.0	75.0	66.0	64.0	56.0	71.0
2014	73.0	75.0	65.0	63.0	57.0	71.0
2013	74.0	76.0	64.0	63.0	55.0	73.0
Figure 8-3 - Median age at death from all causes among females						
2023	79.0	80.0	75.0	70.0	67.0	78.0
2022	79.0	80.0	74.0	70.0	66.0	78.0
2021	77.0	79.0	72.0	68.0	63.0	77.0
2020	79.0	80.0	74.0	69.0	66.0	79.0
2019	79.0	81.0	75.0	68.0	67.0	77.0
2018	80.0	81.0	76.0	70.0	66.0	78.0
2017	79.0	81.0	75.0	69.0	67.0	77.0
2016	79.0	81.0	75.0	71.0	66.0	78.0
2015	79.0	81.0	74.0	69.0	66.0	77.0
2014	80.0	81.0	74.0	67.0	66.0	79.0
2013	81.0	82.0	75.0	73.0	67.0	78.0
Figure 8-4 - Percent of total deaths before expected years of life reached						
2023	54.9	49.6	67.3	75.2	79.2	56.9
2022	53.6	48.1	66.0	74.3	77.8	54.6
2021	52.7	45.9	67.2	74.0	79.1	52.8
2020	52.2	46.1	65.0	72.9	75.6	51.0
2019	55.6	50.8	67.3	75.3	77.8	60.2
2018	55.1	50.8	65.6	73.3	78.8	57.7
2017	55.1	50.6	67.0	75.1	77.9	58.7
2016	55.3	51.4	66.7	73.5	77.1	58.5
2015	54.9	50.9	67.4	74.1	77.4	59.9
2014	54.8	50.9	66.7	75.2	77.8	58.9
2013	54.6	50.1	67.1	72.8	76.7	58.9

## 9. REPORTABLE DISEASES

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

Indicator	ALL ARIZONA RESIDENTS	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
Figure 9-1 - Incidence of early syphilis						
2023	48.1	22.4	61.9	103.9	173.1	17.6
2022	50.4	22.5	62.5	122.8	212.1	16.5
2021	47.4	23.5	57.6	123.1	171.6	17.8
2020	37.3	20.7	44.2	87.7	116.9	12.4
2019	34.6	19.0	43.5	78.4	100.0	14.1
2018	27.6	17.4	32.7	58.5	78.3	12.6
2017	22.6	12.7	27.2	43.8	48.0	7.2
2016	17.7	11.7	22.3	43.5	40.1	5.9
2015	13.9	10.0	16.7	36.6	14.6	6.5
2014	13.1	9.1	16.1	29.3	16.9	5.6
2013	7.5	5.3	9.3	19.9	9.6	2.7
Figure 9-2 - Incidence of gonorrhea						
2023	188.4	71.6	185.1	562.0	340.1	52.3
2022	222.8	79.1	205.1	639.2	384.5	56.5
2021	253.2	94.7	220.0	771.0	412.4	48.6
2020	225.5	81.4	193.6	758.5	399.8	41.2
2019	212.1	84.4	186.8	692.7	359.7	49.4
2018	182.3	81.8	153.0	632.6	387.4	46.9
2017	180.5	66.4	161.3	508.4	287.7	34.0
2016	151.3	62.8	139.7	514.3	229.0	33.5
2015	121.1	50.9	115.8	417.7	183.1	23.7
2014	112.7	40.6	103.8	336.2	206.5	24.8
2013	98.2	37.4	92.7	351.0	224.6	23.2
Figure 9-3 - Incidence of chlamydia						
2023	542.4	158.9	486.9	952.8	786.8	136.2
2022	550.9	161.4	494.6	968.5	795.8	138.3
2021	569.9	165.0	490.4	1004.0	791.8	144.1
2020	515.3	152.3	432.0	986.9	723.3	118.0
2019	601.2	195.9	548.7	1160.1	786.6	181.6
2018	577.5	217.8	530.7	1156.5	1031.9	175.3
2017	571.8	171.2	547.1	927.4	801.6	141.7
2016	511.5	162.0	482.2	884.5	846.5	133.8
2015	476.1	147.9	471.8	799.4	845.9	132.9
2014	471.7	135.2	451.4	766.3	986.6	114.7
2013	466.6	149.3	518.0	848.9	1158.2	129.3
Figure 9-4 - Incidence of HIV/AIDS						
2023	12.9	6.8	17.3	42.9	18.1	7.6
2022	11.9	6.4	16.5	40.0	15.0	9.4
2021	10.9	6.1	15.5	33.0	14.1	4.1
2020	9.3	5.9	11.8	27.1	12.4	6.4
2019	10.4	6.1	14.0	35.2	13.0	5.4
2018	10.8	6.2	14.4	36.5	13.7	7.6
2017	10.4	6.2	13.6	34.0	15.2	8.8
2016	10.7	6.3	13.3	42.6	17.9	6.2
2015	10.5	6.3	12.3	40.9	17.8	9.8
2014	11.2	6.9	14.6	36.7	14.5	6.7
2013	10.5	7.1	12.3	42.3	14.9	4.5

# **SCORES IN 2023**

## SCORES IN 2023

(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	-45.4	38.1	19.6	51.5	-66.0
1-2	Pregnancies among females 14 and younger	-50.0	50.0	0.0	-50.0	-50.0
1-3	Pregnancies among females 15-17 years old	-59.0	41.0	42.3	94.9	-73.1
1-4	Pregnancies among females 18-19 years old	-43.6	38.3	14.5	50.3	-64.8
	<b>TOTAL SCORE</b>	<b>-198.0</b>	<b>167.4</b>	<b>76.4</b>	<b>146.7</b>	<b>-253.9</b>
	<b>AVERAGE SCORE</b>	<b>-49.5</b>	<b>41.9</b>	<b>19.1</b>	<b>36.7</b>	<b>-63.5</b>

### 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	-33.0	23.5	35.4	73.6	-62.9
2-2	Tobacco use during pregnancy	57.1	-52.4	19.0	4.8	-71.4
2-3	Pre-existing hypertension	-14.3	-4.8	95.2	109.5	-33.3
2-4	Gestational diabetes	-24.3	7.8	-20.4	102.9	70.9
2-5	Gestational hypertension	-5.8	-3.8	14.4	80.8	-33.7
2-6	Gestational weight gain - Inadequate	-13.4	7.4	6.0	8.3	37.5
2-7	Gestational weight gain -Excessive	6.2	-3.0	0.9	-1.3	-27.8
	<b>TOTAL SCORE</b>	<b>-27.5</b>	<b>-25.3</b>	<b>150.5</b>	<b>378.6</b>	<b>-120.7</b>
	<b>AVERAGE SCORE</b>	<b>-3.9</b>	<b>-3.6</b>	<b>21.5</b>	<b>54.1</b>	<b>-17.2</b>

### 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	-20.6	12.6	22.4	43.4	-11.2
3-2	Fewer than five prenatal visits	-36.6	21.1	38.0	97.2	-31.0
3-3	No prenatal care	-33.3	25.0	20.8	58.3	-45.8
	<b>TOTAL SCORE</b>	<b>-90.5</b>	<b>58.7</b>	<b>81.2</b>	<b>198.9</b>	<b>-88.0</b>
	<b>AVERAGE SCORE</b>	<b>-30.2</b>	<b>19.6</b>	<b>27.1</b>	<b>66.3</b>	<b>-29.3</b>

### 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	Incidence of newborn intensive care	0.0	-5.1	32.1	7.7	-1.3
4-2	Born too early (preterm or < 37 weeks)	-8.1	1.0	29.3	17.2	6.1
4-3	Born too small: low-birthweight (<2,500 grams)	-9.9	-3.7	60.5	-1.2	35.8
4-4	Born too small: very low-birthweight (<1,500 grams)	-15.4	-7.7	84.6	7.7	7.7
4-5	Incidence of congenital anomalies (birth defects)	0.0	0.0	-25.0	75.0	-25.0
4-6	Infant mortality	-18.2	5.5	67.3	34.5	-27.3
4-7	Sudden Infant Death Syndrome (SIDS)	0.0	0.0	100.0	200.0	-100.0
4-8	Mortality of infants from low birthweight/short gestation	-37.5	12.5	112.5	62.5	125.0
4-9	Neonatal mortality	-23.7	13.2	55.3	34.2	-18.4
4-10	Postneonatal mortality	-5.9	-11.8	100.0	35.3	-47.1
	<b>TOTAL SCORE</b>	<b>-118.7</b>	<b>3.9</b>	<b>616.6</b>	<b>472.9</b>	<b>-44.5</b>
	<b>AVERAGE SCORE</b>	<b>-11.9</b>	<b>0.4</b>	<b>61.7</b>	<b>47.3</b>	<b>-4.5</b>

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

Figure No.	Indicator	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
5-1	Cardiovascular diseases	0.4	-10.7	46.1	5.5	-38.9
5-2	Diseases of the heart	2.4	-19.1	34.7	8.0	-45.3
5-3	Coronary heart disease	3.1	-18.9	33.3	1.5	-47.5
5-4	Cerebrovascular disease	-5.8	18.5	58.2	-6.8	-20.3
5-5	Chronic lower respiratory diseases	13.6	-56.0	-23.6	-46.3	-75.5
5-6	Malignant neoplasms (cancer)	0.9	-6.4	30.0	-2.5	-31.2
5-7	Lung cancer	8.7	-36.4	26.8	-64.5	-32.0
5-8	Breast cancer	2.9	-5.7	8.0	-8.6	-66.3
5-9	Cervical cancer	10.0	-40.0	-70.0	50.0	160.0
5-10	Colorectal cancer	-1.6	0.8	67.2	6.2	-30.5
5-11	Prostate cancer	-4.7	14.5	125.0	25.0	-62.8
5-12	Influenza and pneumonia	-7.3	5.2	28.1	191.7	-20.8
5-13	Diabetes	-19.7	38.9	80.8	250.2	-5.9
5-14	Chronic liver disease and cirrhosis	-15.9	4.3	-49.4	459.8	-61.0
5-15	HIV disease	-22.2	22.2	133.3	144.4	-33.3
5-16	Septicemia	-17.5	42.1	80.7	189.5	-59.6
5-17	Alzheimer's disease	-0.4	11.4	36.1	-40.7	-44.5
5-18	Nephritis, nephrotic syndrome and nephrosis (kidney disease)	-23.2	32.9	125.6	213.4	13.4
5-19	Essential (primary) hypertension	-9.4	16.0	152.8	17.9	0.9
5-20	COVID-19	-2.1	2.1	-17.9	113.7	-2.1
5-21	Total mortality from all causes	-1.9	-7.9	32.7	67.9	-40.5
	<b>TOTAL SCORE</b>	<b>-89.7</b>	<b>7.8</b>	<b>938.5</b>	<b>1575.3</b>	<b>-543.7</b>
	<b>AVERAGE SCORE</b>	<b>-4.3</b>	<b>0.4</b>	<b>44.7</b>	<b>75.0</b>	<b>-25.9</b>

## 6. MORTALITY FROM INJURIES

Figure No.	Indicator	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
6-1	Unintentional injuries	-4.7	-14.6	32.3	172.5	-62.7
6-2	Motor vehicle-related injuries	-11.4	-12.6	22.8	285.0	-47.9
6-3	Fall-related injuries	2.3	-16.2	-55.4	57.7	-41.5
6-4	Drowning mortality	13.3	-26.7	46.7	33.3	-6.7
6-5	Injury by firearms	-1.6	-28.4	71.6	68.9	-76.0
6-6	Drug-induced deaths	-1.6	-15.5	59.5	113.9	-77.2
6-7	Alcohol-induced deaths	-7.3	-37.4	-50.3	545.8	-74.9
6-8	Intentional self-harm (suicide)	15.9	-42.3	-4.8	69.8	-68.3
6-9	Assault (homicide)	-44.6	5.4	195.9	252.7	-78.4
	<b>TOTAL SCORE</b>	<b>-39.7</b>	<b>-188.3</b>	<b>318.3</b>	<b>1599.6</b>	<b>-533.6</b>
	<b>AVERAGE SCORE</b>	<b>-4.4</b>	<b>-20.9</b>	<b>35.4</b>	<b>177.7</b>	<b>-59.3</b>

## 7. AGE-SPECIFIC MORTALITY

Figure No.	Indicator	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
7-1	Mortality among children 1-14 years old	-11.8	-13.2	114.7	47.1	0.5
7-2	Mortality among adolescents 15-19 years old	-20.7	-4.1	85.2	138.4	-45.1
7-3	Mortality among young adults 20-44 years old	-7.1	-21.6	44.1	255.8	-68.3
7-4	Mortality among middle-age adults 45-64 years old	1.7	-22.6	37.2	116.8	-53.3
7-5	Mortality among elderly adults 65 years old and older	1.3	-10.3	17.2	14.0	-38.9
	<b>TOTAL SCORE</b>	<b>-36.6</b>	<b>-71.8</b>	<b>298.4</b>	<b>572.1</b>	<b>-205.1</b>
	<b>AVERAGE SCORE</b>	<b>-7.3</b>	<b>-14.4</b>	<b>59.7</b>	<b>114.4</b>	<b>-41.0</b>

## 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	7.9	11.8	21.1	1.3
8-2	Median age at death from all causes among males	-2.7	12.2	13.5	24.3	4.1
8-3	Median age at death from all causes among females	-1.3	5.1	11.4	15.2	1.3
8-4	Percent of total deaths before expected years of life reached	-9.7	22.6	37.0	44.3	3.6
	<b>TOTAL SCORE</b>	<b>-16.3</b>	<b>47.8</b>	<b>73.7</b>	<b>104.9</b>	<b>10.3</b>
	<b>AVERAGE SCORE</b>	<b>-4.1</b>	<b>12.0</b>	<b>18.4</b>	<b>26.2</b>	<b>2.6</b>

## 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	-53.4	28.7	116.0	259.9	-63.4
9-2	Incidence of gonorrhea	-62.0	-1.8	198.3	80.5	-72.2
9-3	Incidence of chlamydia	-70.7	-10.2	75.7	45.1	-74.9
9-4	Incidence of HIV/HIV/AIDS	-47.3	34.1	232.6	40.3	-41.1
	<b>TOTAL SCORE</b>	<b>-233.4</b>	<b>50.8</b>	<b>622.6</b>	<b>425.8</b>	<b>-251.6</b>
	<b>AVERAGE SCORE</b>	<b>-58.4</b>	<b>12.7</b>	<b>155.7</b>	<b>106.5</b>	<b>-62.9</b>

## OVERALL HEALTH STATUS (ALL 67 INDICATORS)

		White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
	<b>TOTAL SCORE</b>	<b>-850.4</b>	<b>51.0</b>	<b>3176.2</b>	<b>5474.8</b>	<b>-2030.8</b>
	<b>AVERAGE SCORE</b>	<b>-12.7</b>	<b>0.8</b>	<b>47.4</b>	<b>81.7</b>	<b>-30.3</b>

# **RANK ORDER IN 2023**

## RANK ORDER IN 2023

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

**1 = RANKS BEST AMONG RACE/ETHNIC GROUPS**

**5 = RANKS WORST AMONG RACE/ETHNIC GROUPS**

### 1. TEEN PREGNANCIES

Figure No.	Indicator	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
1-1	Pregnancies among females 19 and younger	2.0	4.0	3.0	5.0	1.0
1-2	Pregnancies among females 14 and younger	2.0	5.0	4.0	2.0	2.0
1-3	Pregnancies among females 15-17 years old	2.0	3.0	4.0	5.0	1.0
1-4	Pregnancies among females 18-19 years old	2.0	4.0	3.0	5.0	1.0
	<b>SUM OF RANKS</b>	<b>8.0</b>	<b>16.0</b>	<b>14.0</b>	<b>17.0</b>	<b>5.0</b>
	<b>AVERAGE RANK</b>	<b>2.0</b>	<b>4.0</b>	<b>3.5</b>	<b>4.3</b>	<b>1.3</b>

### 2. MATERNAL LIFESTYLE AND HEALTH CHARACTERISTICS

Figure No.	Indicator	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
2-1	Unmarried mothers	2.0	3.0	4.0	5.0	1.0
2-2	Tobacco use during pregnancy	5.0	2.0	4.0	3.0	1.0
2-3	Pre-existing hypertension	2.0	3.0	4.0	5.0	1.0
2-4	Gestational diabetes	1.0	3.0	2.0	5.0	4.0
2-5	Gestational hypertension	2.0	3.0	4.0	5.0	1.0
2-6	Gestational weight gain - Inadequate	1.0	3.0	2.0	4.0	5.0
2-7	Gestational weight gain -Excessive	5.0	2.0	4.0	3.0	1.0
	<b>SUM OF RANKS</b>	<b>18.0</b>	<b>19.0</b>	<b>24.0</b>	<b>30.0</b>	<b>14.0</b>
	<b>AVERAGE RANK</b>	<b>2.6</b>	<b>2.7</b>	<b>3.4</b>	<b>4.3</b>	<b>2.0</b>

### 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	3.0	4.0	5.0	2.0
3-2	Fewer than five prenatal visits	1.0	3.0	4.0	5.0	2.0
3-3	No prenatal care	2.0	4.0	3.0	5.0	1.0
	<b>SUM OF RANKS</b>	<b>4.0</b>	<b>10.0</b>	<b>11.0</b>	<b>15.0</b>	<b>5.0</b>
	<b>AVERAGE RANK</b>	<b>1.3</b>	<b>3.3</b>	<b>3.7</b>	<b>5.0</b>	<b>1.7</b>

### 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	Incidence of newborn intensive care	3.0	1.0	5.0	4.0	2.0
4-2	Born too early (preterm or < 37 weeks)	1.0	2.0	5.0	4.0	3.0
4-3	Born too small: low-birthweight (<2,500 grams)	1.0	2.0	5.0	3.0	4.0
4-4	Born too small: very low-birthweight (<1,500 grams)	1.0	2.0	5.0	3.5	3.5
4-5	Incidence of congenital anomalies (birth defects)	3.5	3.5	1.5	5.0	1.5
4-6	Infant mortality	2.0	3.0	5.0	4.0	1.0
4-7	Sudden Infant Death Syndrome (SIDS)	2.5	2.5	4.0	5.0	1.0
4-8	Mortality of infants from low birthweight/short gestation	1.0	2.0	4.0	3.0	5.0
4-9	Neonatal mortality	1.0	3.0	5.0	4.0	2.0
4-10	Postneonatal mortality	3.0	2.0	5.0	4.0	1.0
	<b>SUM OF RANKS</b>	<b>19.0</b>	<b>23.0</b>	<b>44.5</b>	<b>39.5</b>	<b>24.0</b>
	<b>AVERAGE RANK</b>	<b>1.9</b>	<b>2.3</b>	<b>4.5</b>	<b>4.0</b>	<b>2.4</b>

## 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	3.0	2.0	5.0	4.0	1.0
5-2	Diseases of the heart	3.0	2.0	5.0	4.0	1.0
5-3	Coronary heart disease	4.0	2.0	5.0	3.0	1.0
5-4	Cerebrovascular disease	3.0	4.0	5.0	2.0	1.0
5-5	Chronic lower respiratory diseases	5.0	2.0	4.0	3.0	1.0
5-6	Malignant neoplasms (cancer)	4.0	2.0	5.0	3.0	1.0
5-7	Lung cancer	4.0	2.0	5.0	1.0	3.0
5-8	Breast cancer	4.0	3.0	5.0	2.0	1.0
5-9	Cervical cancer	3.0	2.0	1.0	4.0	5.0
5-10	Colorectal cancer	2.0	3.0	5.0	4.0	1.0
5-11	Prostate cancer	2.0	3.0	5.0	4.0	1.0
5-12	Influenza and pneumonia	2.0	3.0	4.0	5.0	1.0
5-13	Diabetes	1.0	3.0	4.0	5.0	2.0
5-14	Chronic liver disease and cirrhosis	3.0	4.0	2.0	5.0	1.0
5-15	HIV disease	2.0	3.0	4.0	5.0	1.0
5-16	Septicemia	2.0	3.0	4.0	5.0	1.0
5-17	Alzheimer's disease	3.0	4.0	5.0	2.0	1.0
5-18	Nephritis, nephrotic syndrome and nephrosis (kidney disease)	1.0	3.0	4.0	5.0	2.0
5-19	Essential (primary) hypertension	1.0	3.0	5.0	4.0	2.0
5-20	COVID-19	2.5	4.0	1.0	5.0	2.5
5-21	Total mortality from all causes	3.0	2.0	4.0	5.0	1.0
	<b>SUM OF RANKS</b>	<b>57.5</b>	<b>59.0</b>	<b>87.0</b>	<b>80.0</b>	<b>31.5</b>
	<b>AVERAGE RANK</b>	<b>2.7</b>	<b>2.8</b>	<b>4.1</b>	<b>3.8</b>	<b>1.5</b>

## 6. MORTALITY FROM INJURIES

Figure No.	Indicator	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
6-1	Unintentional injuries	3.0	2.0	4.0	5.0	1.0
6-2	Motor vehicle-related injuries	3.0	2.0	4.0	5.0	1.0
6-3	Fall-related injuries	4.0	3.0	1.0	5.0	2.0
6-4	Drowning mortality	3.0	1.0	5.0	4.0	2.0
6-5	Injury by firearms	3.0	2.0	5.0	4.0	1.0
6-6	Drug-induced deaths	3.0	2.0	4.0	5.0	1.0
6-7	Alcohol-induced deaths	4.0	3.0	2.0	5.0	1.0
6-8	Intentional self-harm (suicide)	4.0	2.0	3.0	5.0	1.0
6-9	Assault (homicide)	2.0	3.0	4.0	5.0	1.0
	<b>SUM OF RANKS</b>	<b>29.0</b>	<b>20.0</b>	<b>32.0</b>	<b>43.0</b>	<b>11.0</b>
	<b>AVERAGE RANK</b>	<b>3.2</b>	<b>2.2</b>	<b>3.6</b>	<b>4.8</b>	<b>1.2</b>

## 7. AGE-SPECIFIC MORTALITY

Figure No.	Indicator	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
7-1	Mortality among children 1-14 years old	2.0	1.0	5.0	4.0	3.0
7-2	Mortality among adolescents 15-19 years old	2.0	3.0	4.0	5.0	1.0
7-3	Mortality among young adults 20-44 years old	3.0	2.0	4.0	5.0	1.0
7-4	Mortality among middle-age adults 45-64 years old	3.0	2.0	4.0	5.0	1.0
7-5	Mortality among elderly adults 65 years old and older	3.0	2.0	5.0	4.0	1.0
	<b>SUM OF RANKS</b>	<b>13.0</b>	<b>10.0</b>	<b>22.0</b>	<b>23.0</b>	<b>7.0</b>
	<b>AVERAGE RANK</b>	<b>2.6</b>	<b>2.0</b>	<b>4.4</b>	<b>4.6</b>	<b>1.4</b>

## 8. PREMATURE MORTALITY

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

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

Figure No.	Indicator	White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
9-1	Incidence of early syphilis	2.0	3.0	4.0	5.0	1.0
9-2	Incidence of gonorrhea	2.0	3.0	5.0	4.0	1.0
9-3	Incidence of chlamydia	2.0	3.0	5.0	4.0	1.0
9-4	Incidence of HIV/AIDS	1.0	3.0	5.0	4.0	2.0
	<b>SUM OF RANKS</b>	<b>7.0</b>	<b>12.0</b>	<b>19.0</b>	<b>17.0</b>	<b>5.0</b>
	<b>AVERAGE RANK</b>	<b>1.8</b>	<b>3.0</b>	<b>4.8</b>	<b>4.3</b>	<b>1.3</b>

## OVERALL HEALTH STATUS (ALL 67 INDICATORS)

		White non-Hispanic	Hispanic or Latino	Black or African American	American Indian or Alaska Native	Asian or Pacific Islander
	<b>SUM OF ALL RANKS FOR 67 MEASUREMENTS</b>	<b>159.5</b>	<b>181.0</b>	<b>269.5</b>	<b>284.5</b>	<b>110.5</b>
	<b>AVERAGE RANKS BASED ON 67 MEASUREMENTS</b>	<b>2.4</b>	<b>2.7</b>	<b>4.0</b>	<b>4.2</b>	<b>1.6</b>

# **DATA SOURCES AND DEFINITIONS**

## SOURCES OF DATA

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

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

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

Population denominators for Arizona residents, used to calculate rates for 2023 and other intercensal years, utilize the best available data sources. They are described in detail at <http://pub.azdhs.gov/health-stats>.

Almost all figures are based on rates and ratios published in the **2023 Arizona Health Status and Vital Statistics** report and available online at <http://pub.azdhs.gov/health-stats>.

## DEFINITIONS

### 1. TEEN PREGNANCIES

Figure number	Indicator	Definitions
1-1	Pregnancies among females 19 and younger	The sum of live births, fetal deaths, and abortions per 1,000 females aged 19 or younger.
1-2	Pregnancies among females 14 and younger	The sum of live births, fetal deaths, and abortions per 1,000 females aged 14 or younger.
1-3	Pregnancies among females 15-17 years old	The sum of live births, fetal deaths, and abortions per 1,000 females aged 15-17 years.
1-4	Pregnancies among females 18-19 years old	The sum of live births, fetal deaths, and abortions per 1,000 females aged 18-19 years.

### 2. MATERNAL LIFESTYLE AND HEALTH CHARACTERISTICS

Figure number	Indicator	Definitions
2-1	Unmarried mothers	The number of births to unmarried mothers per 100 births.
2-2	Tobacco use during pregnancy	The number of mothers giving birth who self-reported tobacco-use during pregnancy per 100 births.
2-3	Pre-existing 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).
2-4	Gestational diabetes	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).
2-5	Gestational 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).
2-6	Gestational weight gain - Inadequate	The number of women giving birth, whose gestational weight gain was inadequate in relation to pre-pregnancy body mass index (BMI).
2-7	Gestational weight gain - Excessive	The number of women giving birth, whose gestational weight gain was excessive in relation to pre-pregnancy body mass index (BMI).

### 3. UTILIZATION OF PRENATAL CARE SERVICES

Figure number	Indicator	Definition
3-1	No care in the 1 <sup>st</sup> trimester	The number of mothers giving birth who received no prenatal care in the 1 <sup>st</sup> trimester of pregnancy per 100 births.
3-2	Fewer than five prenatal visits	The number of mothers giving birth who had fewer than five prenatal visits during pregnancy per 100 births.
3-3	No prenatal care	The number of mothers giving birth who received no prenatal care during pregnancy per 100 births.

### 4. NEWBORN'S HEALTH

Figure number	Indicator	Definition
4-1	Incidence of newborn intensive care	The number of babies admitted to Newborn Intensive Care units per 100 births.
4-2	Born too early (preterm or < 37 weeks)	The number of births before 37 weeks of gestation per 100 births. Preterm is any neonate whose birth occurs through the end of the last day of the 37 <sup>th</sup> week (259th day), following onset of the last menstrual period.
4-3	Born too small: low-birthweight (<2,500 grams)	The number of newborns weighing less than 2,500 grams per 100 births. Low-birthweight is any neonate weighing less than 2,500 grams at birth (less than 5 pounds 8 ounces).
4-4	Born too small: very low-birthweight (<1,500 grams)	The number of newborns weighing less than 1,500 grams per 100 births. Very low-birthweight is any neonate whose weight at birth is 1,500 grams or less (less than 3 pounds 5 ounces).
4-5	Incidence of congenital anomalies (birth defects)	The numbers of babies born with birth defects per 100 births.
4-6	Infant mortality	The number of infant deaths per 1,000 live births. Infant death is any death at any time from birth up to, but not including, the first year of age (364 days, 23 hours, 59 minutes from the moment of birth).
4-7	Sudden Infant Death Syndrome (SIDS)	The number of infant deaths from Sudden Infant Death Syndrome (ICD-10 code R95) per 1,000 live births.
4-8	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.
4-9	Neonatal mortality	The number of neonatal deaths per 1,000 live births. Neonatal death is death of a live born neonate before the neonate becomes 28 days old (up to and including 27 days, 23 hours, 59 minutes from the moment of birth).
4-10	Postneonatal mortality	The number of postneonatal deaths per 1,000 live births. Postneonatal death is any death of a live born infant at least 28 days of age but less than one year of age.

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

Figure number	Indicator	Definition
5-1	Cardiovascular disease	The number of deaths from cardiovascular diseases (ICD-10 codes I00-I78) per 100,000 age-adjusted population.
5-2	Diseases of the heart	The number of deaths from disease of the heart (ICD-10 codes I00-I09, I11, I13, I20-I51) per 100,000 age-adjusted population.
5-3	Coronary heart disease	The number of deaths from coronary heart disease (ICD-10 codes I200-I259 and I110 – I119) per 100,000 age-adjusted population.
5-4	Cerebrovascular disease	The number of deaths from cerebrovascular disease (ICD-10 codes I60-I69) per 100,000 age-adjusted population.
5-5	Chronic lower respiratory diseases	The number of deaths from chronic lower respiratory diseases (ICD-10 codes J40–J47) per 100,000 age-adjusted population.
5-6	Malignant neoplasm (cancer)	The number of deaths from cancer (ICD-10 codes C00-C97) per 100,000 age-adjusted population.
5-7	Lung cancer	The number of deaths from lung cancer (ICD-10 codes C33-C34) per 100,000 age-adjusted population.
5-8	Breast cancer	The number of deaths from breast cancer (ICD-10 code C50) per 100,000 age-adjusted female population.
5-9	Cervical cancer	The number of deaths from cervical cancer (ICD-10 code C53) per 100,000 age-adjusted female population.
5-10	Colorectal cancer	The number of deaths from colorectal cancer (ICD-10 codes C18–C21) per 100,000 age-adjusted population.
5-11	Prostate cancer	The number of deaths from prostate cancer (ICD-10 code C61) per 100,000 age-adjusted male population.
5-12	Influenza and pneumonia	The number of deaths from influenza and pneumonia (ICD-10 codes J10–J18) per 100,000 age-adjusted population.
5-13	Diabetes	The number of deaths from diabetes (ICD-10 codes E10–E14) per 100,000 age-adjusted population.
5-14	Chronic liver disease and cirrhosis	The number of deaths from chronic liver disease and cirrhosis (ICD-10 codes K70, K73–K74) per 100,000 age-adjusted population.
5-15	HIV disease	The number of deaths from HIV disease (ICD-10 codes B20–B24) per 100,000 age-adjusted population.
5-16	Septicemia	The number of deaths from septicemia (ICD-10 codes A40–A41) per 100,000 age-adjusted population.
5-17	Alzheimer's disease	The number of deaths from Alzheimer's disease (ICD-10 code G30) per 100,000 age-adjusted population.
5-18	Nephritis, nephrotic syndrome and nephrosis (kidney disease)	The number of deaths from nephritis, nephritic syndrome and nephrosis (ICD-10 codes N00–N07, N17–N19, N25–N27) per 100,000 age-adjusted population.
5-19	Essential (primary) hypertension	The number of deaths from essential (primary) hypertension (ICD-10 codes I10, I12) per 100,000 age-adjusted population.
5-20	COVID-19	The number of deaths from COVID-19 (ICD-10 code U071) per 100,000 age-adjusted population.
5-21	Total mortality from all causes	Total number of deaths from all causes per 100,000 age-adjusted population.

## 6. MORTALITY FROM INJURIES

Figure number	Indicator	Definition
6-1	Unintentional injuries	The number of deaths from unintentional injuries in accidents (ICD-10 codes V01–X59, Y85–Y86) per 100,000 age-adjusted population.
6-2	Motor vehicle-related injuries	The number of deaths from motor vehicle-related injuries (ICD-10 codes V02–V04, V09.0, V09.2, V12–V14, V19.0–V19.2, V19.4–V19.6, V20–V79, V80.3–V80.5, V81.0–V81.1, V82.0–V82.1, V83–V86, V87.0–V87.8, V88.0–V88.8, V89.0, V89.2) per 100,000 age-adjusted population.
6-3	Fall-related injuries	The number of deaths from fall-related injuries (ICD-10 codes W00–W19) per 100,000 age-adjusted population.
6-4	Drowning mortality	The number of deaths due to accidental drowning and submersion (ICD-10 codes W65–W74) per 100,000 age-adjusted population.
6-5	Injury by firearms	The number of deaths by firearms (ICD-10 codes W32–W34, X72–X74, X93–X95, Y22–Y24, Y35.0) per 100,000 age-adjusted population. Causes of death attributable to firearm mortality include accidental discharge of firearms, intentional self-harm (suicide) by discharge of firearms, assault (homicide) by discharge of firearms, discharge of firearms, undetermined intent; and legal intervention involving firearm discharge. Deaths from injury by firearms exclude deaths due to explosives and other causes indirectly related to firearms.
6-6	Drug-induced deaths	The number of drug-induced deaths (ICD-10 codes F11.0–F11.5, F11.7–F11.9, F12.0–F12.5, F12.7–F12.9, F13.0–F13.5, F13.7–F13.9, F14.0–F14.5, F14.7–F14.9, F15.0–F15.5, F15.7–F15.9, F16.0–F16.5, F16.7–F16.9, F17.0, F17.3–F17.5, F17.7–F17.9, F18.0–F18.5, F18.7–F18.9, F19.0–F19.5, F19.7–F19.9, X40–X44, X60–X64, X85, Y10–Y14) per 100,000 age-adjusted population. Causes of death attributable to drug-induced mortality include selected codes from the ICD-10 title Mental and behavioral disorders due to psychoactive substance use, accidental poisoning by and exposure to drugs, medicaments and biological substances; intentional self-poisoning (suicide) by and exposure to drugs; assault (homicide) by drugs, medicaments and biological substances; and poisoning by and exposure to drugs, medicaments and biological substances, undetermined intent. Drug-induced causes exclude accidents, homicides, and other causes indirectly related to drug use. Also excluded are newborn deaths associated with mother's drug use.
6-7	Alcohol-induced deaths	The number of alcohol-induced deaths (ICD-10 codes F10, G31.2, G62.1, I42.6, K29.2, K70, R78.0, X45, X65, Y15) per 100,000 age-adjusted population. Causes of death attributable to alcohol-induced mortality include mental and behavioral disorders due to alcohol use, degeneration of nervous system due to alcohol, alcoholic polyneuropathy, alcoholic cardiomyopathy, alcoholic gastritis, alcoholic liver disease, finding of alcohol in blood, accidental poisoning by and exposure to alcohol, intentional self-poisoning by and exposure to alcohol; and poisoning by and exposure to alcohol, undetermined intent. Alcohol-induced causes exclude accidents, homicides, and other causes indirectly related to alcohol use.
6-8	Intentional self-harm (suicide)	The number of deaths due to intentional self-harm (ICD-10 codes X60–X84, Y87.0) per 100,000 age-adjusted population.
6-9	Assault (homicide)	The number of homicides (ICD-10 codes X85–X09, Y87.1) per 100,000 age-adjusted population.

## 7. AGE-SPECIFIC MORTALITY

Figure number	Indicators	Definition
7-1	Mortality of children 1-14 years old	The number of deaths per 100,000 children 1-14 years old.
7-2	Mortality of adolescents 15-19 years old	The number of deaths per 100,000 adolescents 15-19 years old.
7-3	Mortality of young adults 20-44 years old	The number of deaths per 100,000 young adults 20-44 years old.
7-4	Mortality of middle-aged adults 45-64 years old	The number of deaths per 100,000 middle-aged adults 45-64 years old.
7-5	Mortality of elderly adults 65 years old and older	The number of deaths per 100,000 elderly adults 65 years old and older.

## 8. PREMATURE MORTALITY

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

## 9. REPORTABLE DISEASES

Figure number	Indicators	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 HIV/AIDS	Number of reported new cases of HIV/AIDS per 100,000 population. The estimated incidence of HIV/AIDS includes the sum of new HIV cases and new AIDS cases which were not diagnosed as HIV positive in any prior calendar year. The cases of persons who were diagnosed with both HIV and AIDS in the same calendar year are counted only as AIDS to avoid double counting.

## Terms Related to Mortality

**Age-adjusted mortality rates** - Because mortality from most causes of death occurs predominately among the elderly, a population group with a larger proportion of older persons would have a higher mortality rate. The "age-adjustment" removes the effect of the age differences among sub-populations (or in the same population over time) by placing them all in a population with a standard age distribution. All age-adjusted mortality rates in this report were computed by the direct method that is by weighting the age-specific rates for a given year by the age distribution of a standard population. The weighted age-specific rates are then added to produce the summary rate for all ages combined. Beginning with the 2000 data year, a new population standard for the age adjustment of mortality rates has replaced the standard based on the 1940 population and used since 1943. The new standard uses the age composition of the 2000 U.S. projected population. The standard is expressed in terms of a "standard million": the relative distribution of the 2000 population of the United States totaling 1 million in 10-year age groups:

Age group	2023 population	2023 deaths	Age-specific rates in 2023	2000 standard	Age-adjusted rate for 2023
A	B	C	D (C/B)*100000	E	F D*E
<1	82,535	430	521.0	.013818	7.2
1-4	348,032	97	27.9	.055317	1.5
5-14	949,748	168	17.7	.145565	2.6
15-24	1,000,933	853	85.2	.138646	11.8
25-34	1,045,507	1,885	180.3	.135573	24.4
35-44	926,756	2,593	279.8	.162613	45.5
45-54	872,076	3,674	421.3	.134834	56.8
55-64	907,739	7,822	861.7	.087247	75.2
65-74	797,484	14,048	1761.5	.066037	116.3
75-84	440,216	19,008	4317.9	.044842	193.6
85+	154,087	18,427	11958.8	.015508	185.5
All ages	7,525,113	69,005		TOTAL	<b><math>\Sigma =720.5</math></b>

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

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

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



# **POPULATION DENOMINATORS**

**POPULATION BY RACE/ETHNICITY:  
ARIZONA RESIDENTS, 2003, 2013, AND 2023**

Racial/ethnic group	2003	2013	2023	Percent increase from 2003 to 2023
<b>All Groups</b>	5,629,870	6,581,054	7,525,113	<b>33.7%</b>
<b>White Non-Hispanic</b>	3,608,747	3,842,190	4,137,270	<b>14.6%</b>
<b>Hispanic or Latino</b>	1,424,357	1,961,135	2,399,468	<b>68.5%</b>
<b>Black or African American</b>	185,786	269,384	388,969	<b>109.4%</b>
<b>American Indian or Alaska Native</b>	292,753	309,035	297,546	<b>1.6%</b>
<b>Asian or Pacific Islander</b>	118,227	199,310	301,860	<b>155.3%</b>

### ESTIMATED POPULATION BY AGE GROUP, GENDER AND RACE/ETHNICITY, ARIZONA, 2023

		<1	1-4	5-14	15-24	25-34	35-44	45-54	55-64	65-74	75-84	85+	Total
<b>All groups</b>	<b>Total</b>	82,535	348,032	949,748	1,000,933	1,045,507	926,756	872,076	907,739	797,484	440,216	154,087	7,525,113
	<b>Male</b>	42,157	177,756	484,161	513,884	542,432	469,896	431,974	434,261	370,944	204,509	64,687	3,736,661
	<b>Female</b>	40,378	170,276	465,587	487,049	503,075	456,860	440,102	473,478	426,540	235,707	89,400	3,788,452
<b>White non-Hispanic</b>	<b>Total</b>	32,437	134,386	383,611	426,945	488,982	463,815	488,883	613,469	616,577	360,541	127,624	4,137,270
	<b>Male</b>	16,604	68,918	195,695	220,072	252,537	235,799	245,076	294,289	289,233	170,629	54,738	2,043,590
	<b>Female</b>	15,833	65,468	187,916	206,873	236,445	228,016	243,807	319,180	327,344	189,912	72,886	2,093,680
<b>Hispanic or Latino</b>	<b>Total</b>	37,770	162,146	421,117	425,030	387,577	322,235	265,650	194,823	115,143	50,865	17,112	2,399,468
	<b>Male</b>	19,268	82,795	215,012	216,672	202,070	163,920	130,236	93,642	53,157	21,958	6,504	1,205,234
	<b>Female</b>	18,502	79,351	206,105	208,358	185,507	158,315	135,414	101,181	61,986	28,907	10,608	1,194,234
<b>Black or African American</b>	<b>Total</b>	5,285	22,832	61,662	60,933	67,648	52,402	43,693	38,029	23,786	9,714	2,985	388,969
	<b>Male</b>	2,683	11,372	31,579	32,043	36,692	27,586	22,419	19,270	11,243	4,278	1,097	200,262
	<b>Female</b>	2,602	11,460	30,083	28,890	30,956	24,816	21,274	18,759	12,543	5,436	1,888	188,707
<b>American Indian or Alaska Native</b>	<b>Total</b>	3,652	15,265	48,022	46,993	50,232	37,908	32,420	31,194	19,893	9,094	2,873	297,546
	<b>Male</b>	1,857	7,752	24,249	23,733	25,406	18,329	15,274	13,987	8,731	3,573	1,045	143,936
	<b>Female</b>	1,795	7,513	23,773	23,260	24,826	19,579	17,146	17,207	11,162	5,521	1,828	153,610
<b>Asian or Pacific Islander</b>	<b>Total</b>	3,391	13,403	35,336	41,032	51,068	50,396	41,430	30,224	22,085	10,002	3,493	301,860
	<b>Male</b>	1,745	6,919	17,626	21,364	25,727	24,262	18,969	13,073	8,580	4,071	1,303	143,639
	<b>Female</b>	1,646	6,484	17,710	19,668	25,341	26,134	22,461	17,151	13,505	5,931	2,190	158,221

Notes: Totals may not equal sum of parts due to rounding; cells contain non-rounded values; population denominator tables can be found: <http://pub.azdhs.gov/health-stats>

Our Web site at <http://pub.azdhs.gov/health-stats> provides access to a wide range of statistical information about the health status of Arizonans. The Arizona Health Status and Vital Statistics annual report examines trends in natality, mortality, and morbidity towards established health objectives. Additional reports and studies include Advance Vital Statistics by County of Residence, Injury Mortality among Arizona Residents (all injury, accidents, suicides, homicides, legal intervention, undetermined, firearm-related fatalities, drug-related deaths, drowning deaths, falls among Arizonans 65 years or older), Hospital Inpatient and Emergency Room Statistics (first-listed diagnosis, procedures, alcohol abuse, asthma, diabetes, substance abuse, falls, influenza and pneumonia, injury, and mental disorders), Abortions in Arizona, Community Vital Statistics, Teenage Pregnancy, Differences in Health Status Among Racial/Ethnic Groups, Mortality from Alzheimer's Disease, Heart Disease vs. Cancer: An Epidemiologic Transition in Mortality Risks, Health Status Profile of American Indians in Arizona, Suicide and Self-Inflicted Injury, and Deaths from Exposure to Excessive Natural Heat Occurring in Arizona.

