

# **5**

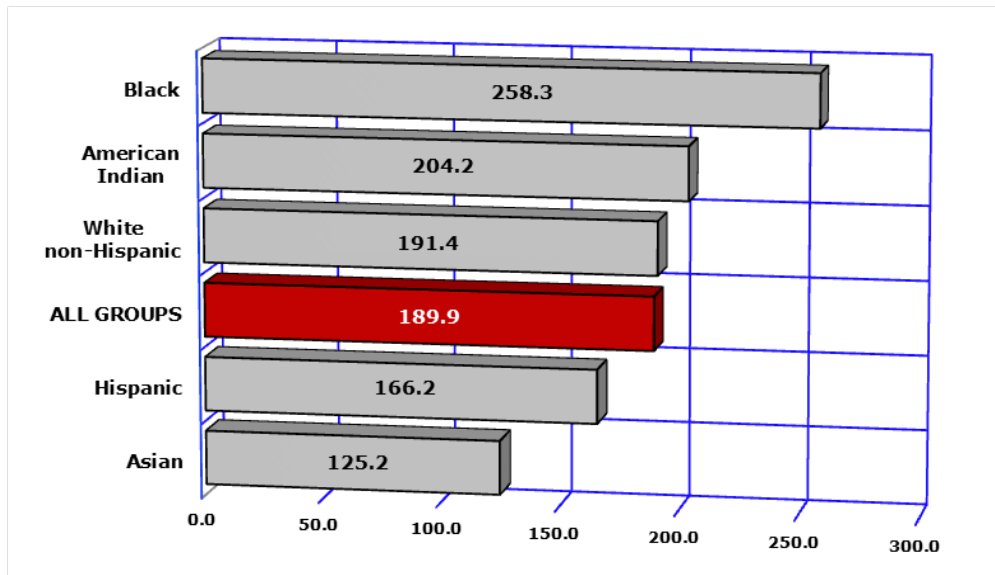
## **Mortality from Natural Causes**

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



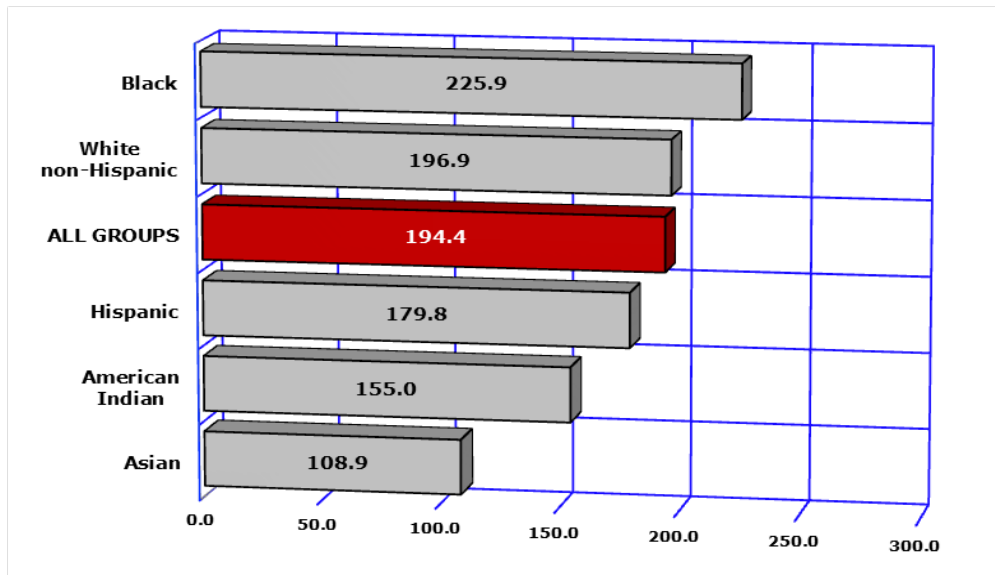
## 5-1 CARDIOVASCULAR DISEASE

**2017**



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

**2007**

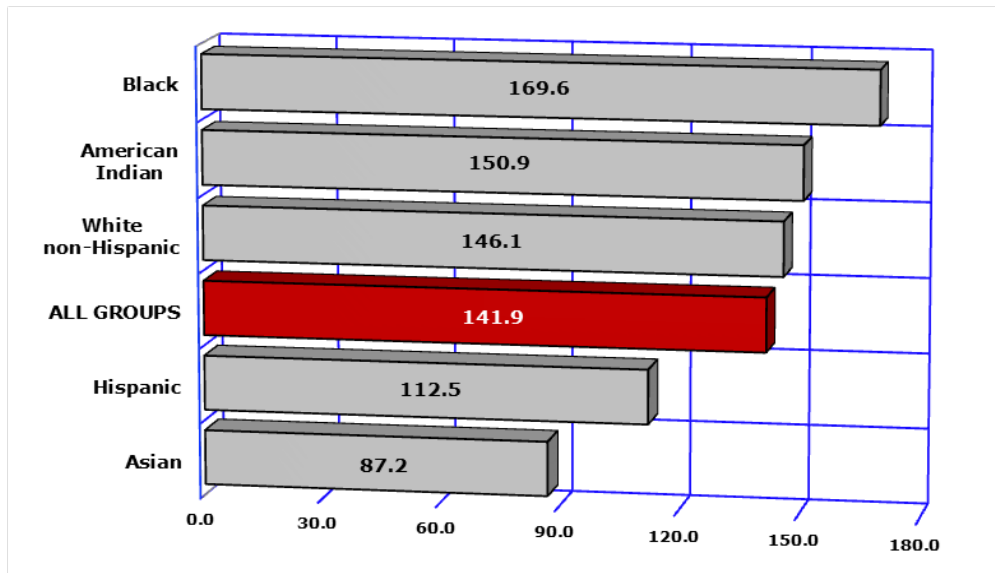


Note: Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

<b>COMPARATIVE RATES FOR 2007 AND 2017</b>						
Number of deaths per 100,000 population by race/ethnicity						
<b>Year</b>	<b>All groups</b>	<b>White non-Hispanic</b>	<b>Hispanic or Latino</b>	<b>Black or African American</b>	<b>American Indian or Alaska Native</b>	<b>Asian or Pacific Islander</b>
<b>2007</b>	<b>194.4</b>	<b>196.9</b>	<b>179.8</b>	<b>225.9</b>	<b>155.0</b>	<b>108.9</b>
<b>2017</b>	<b>189.9</b>	<b>191.4</b>	<b>166.2</b>	<b>258.3</b>	<b>204.2</b>	<b>125.2</b>
<b>% change from 2007</b>	<b>-2.3</b>	<b>-2.8</b>	<b>-7.6</b>	<b>14.3</b>	<b>31.7</b>	<b>15.0</b>

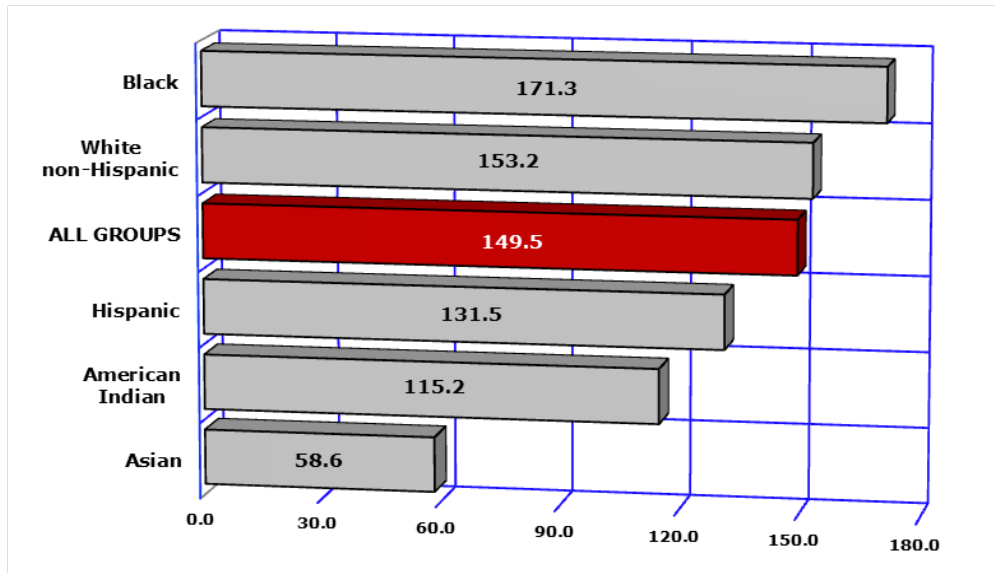
## 5-2 DISEASES OF THE HEART

**2017**



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

**2007**

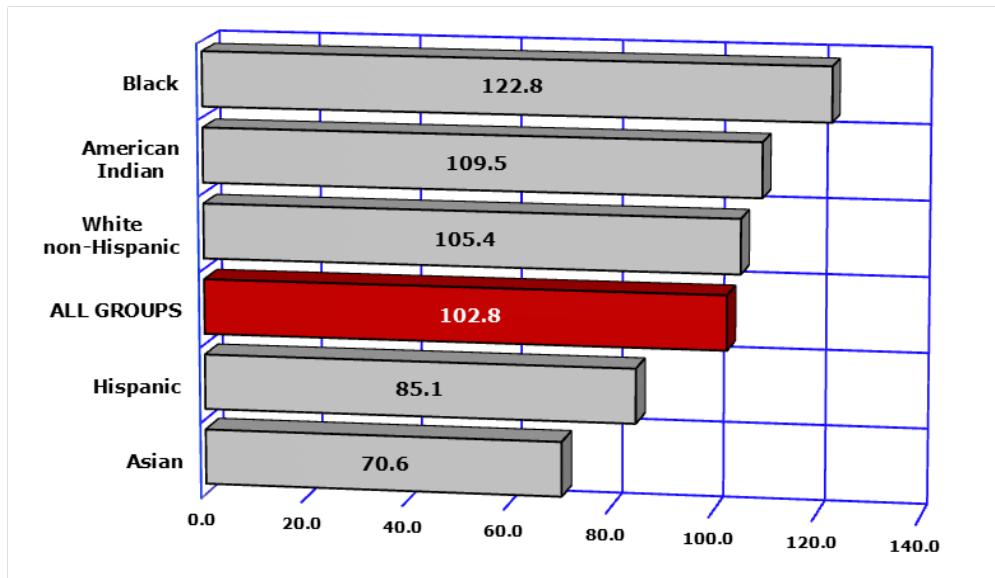


Note: Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

<b>COMPARATIVE RATES FOR 2007 AND 2017</b>						
Number of deaths per 100,000 population by race/ethnicity						
<b>Year</b>	<b>All groups</b>	<b>White non-Hispanic</b>	<b>Hispanic or Latino</b>	<b>Black or African American</b>	<b>American Indian or Alaska Native</b>	<b>Asian or Pacific Islander</b>
<b>2007</b>	<b>149.5</b>	<b>153.2</b>	<b>131.5</b>	<b>171.3</b>	<b>115.2</b>	<b>58.6</b>
<b>2017</b>	<b>141.9</b>	<b>146.1</b>	<b>112.5</b>	<b>169.6</b>	<b>150.9</b>	<b>87.2</b>
<b>% change from 2007</b>	<b>-5.1</b>	<b>-4.6</b>	<b>-14.4</b>	<b>-1.0</b>	<b>31.0</b>	<b>48.8</b>

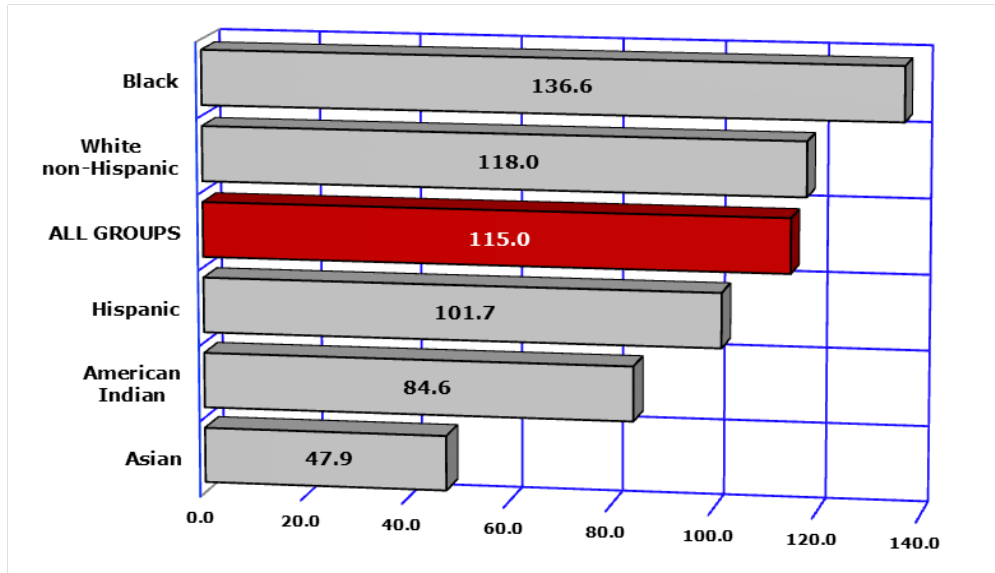
### 5-3 CORONARY HEART DISEASE

2017



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

2007



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

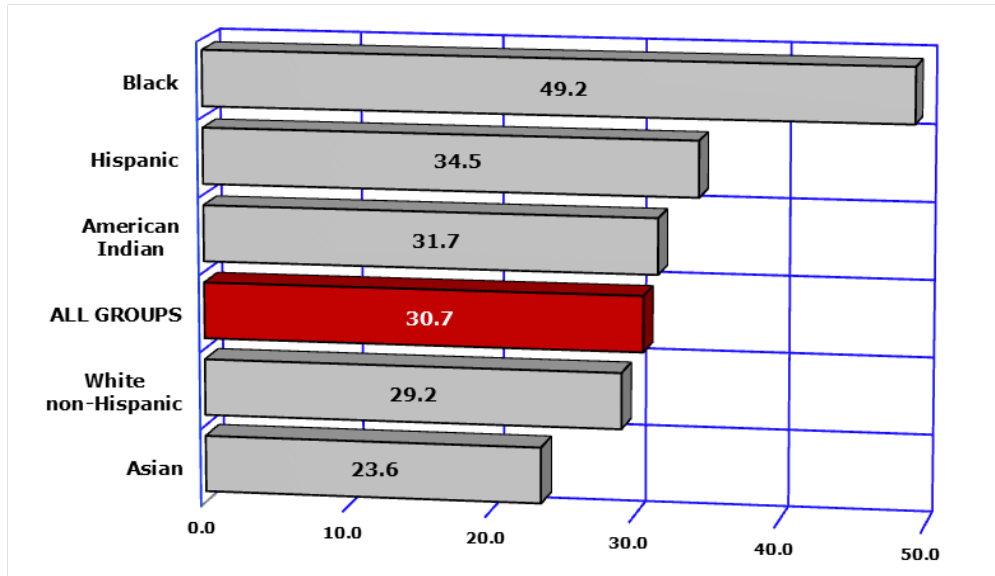
#### COMPARATIVE RATES FOR 2007 AND 2017

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
2007	115.0	118.0	101.7	136.6	84.6	47.9
2017	102.8	105.4	85.1	122.8	109.5	70.6
% change from 2007	-10.6	-10.7	-16.3	-10.1	29.4	47.4

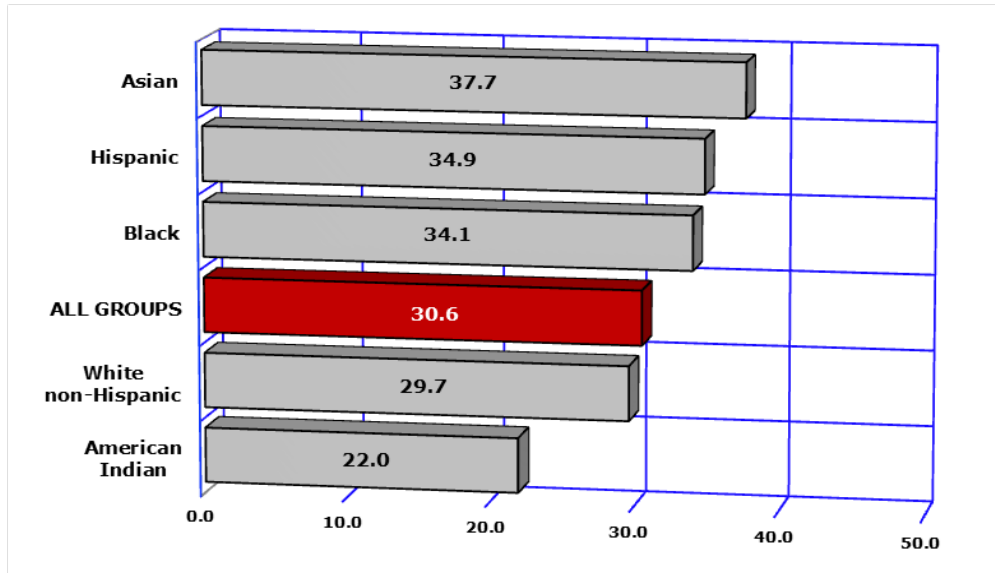
## 5-4 CEREBROVASCULAR DISEASE

**2017**



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

**2007**

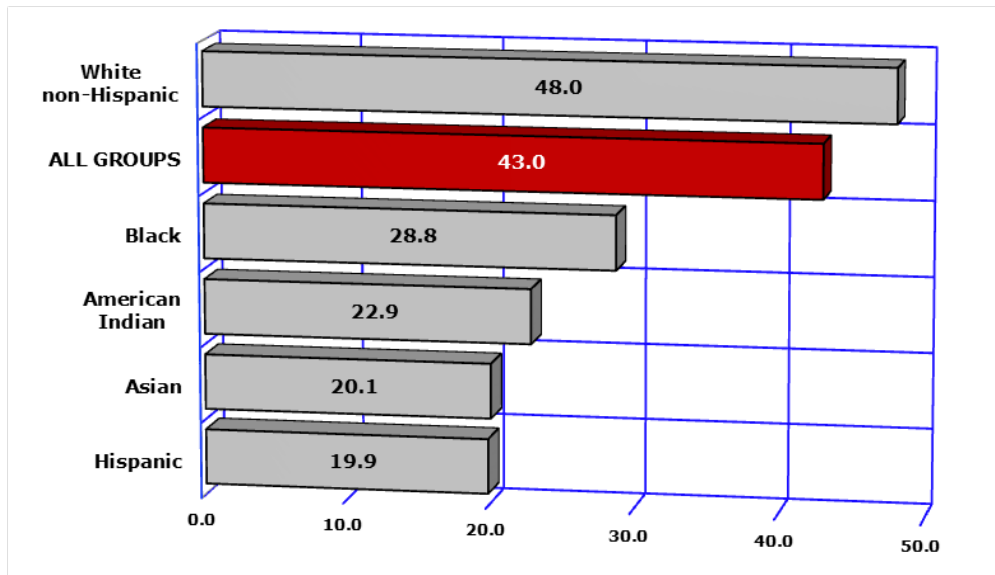


Note: Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

<b>COMPARATIVE RATES FOR 2007 AND 2017</b>						
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
2007	30.6	29.7	34.9	34.1	22.0	37.7
2017	30.7	29.2	34.5	49.2	31.7	23.6
% change from 2007	0.3	-1.7	-1.1	44.3	44.1	-37.4

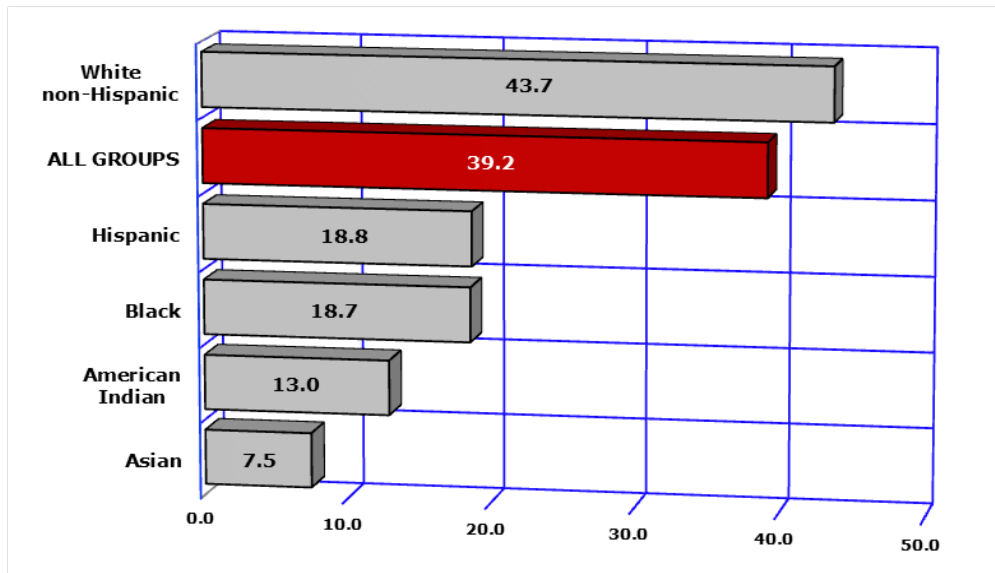
## 5-5 CHRONIC LOWER RESPIRATORY DISEASE

2017



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

2007



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

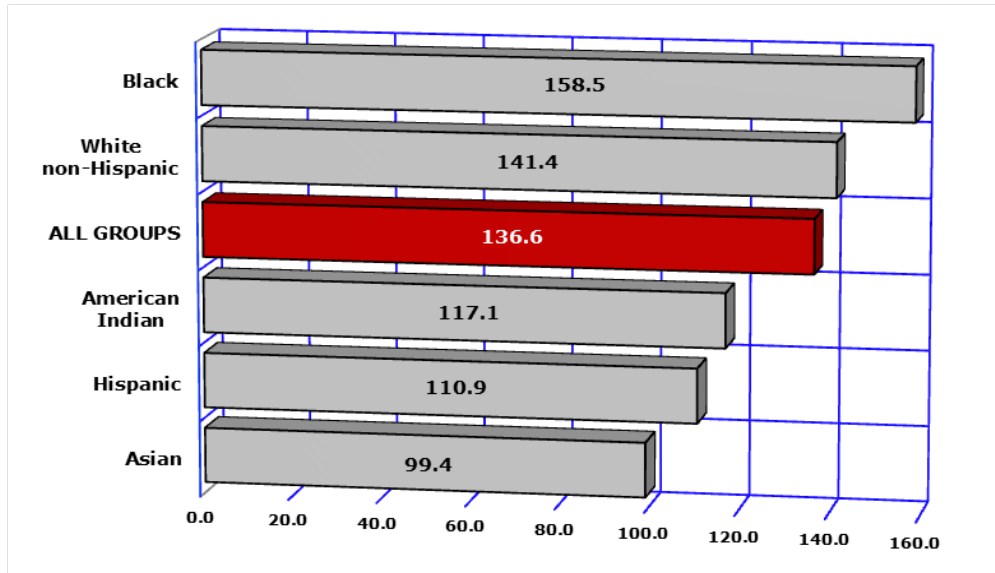
### COMPARATIVE RATES FOR 2007 AND 2017

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
2007	39.2	43.7	18.8	18.7	13.0	7.5
2017	43.0	48.0	19.9	28.8	22.9	20.1
% change from 2007	9.7	9.8	5.9	54.0	76.2	168.0

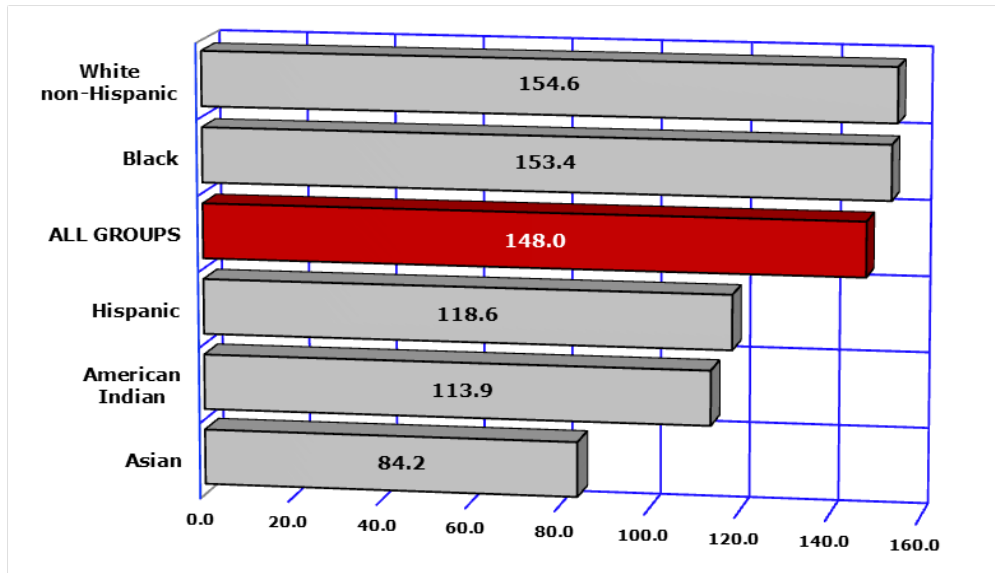
## 5-6 MALIGNANT NEOPLASM (CANCER)

**2017**



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

**2007**



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

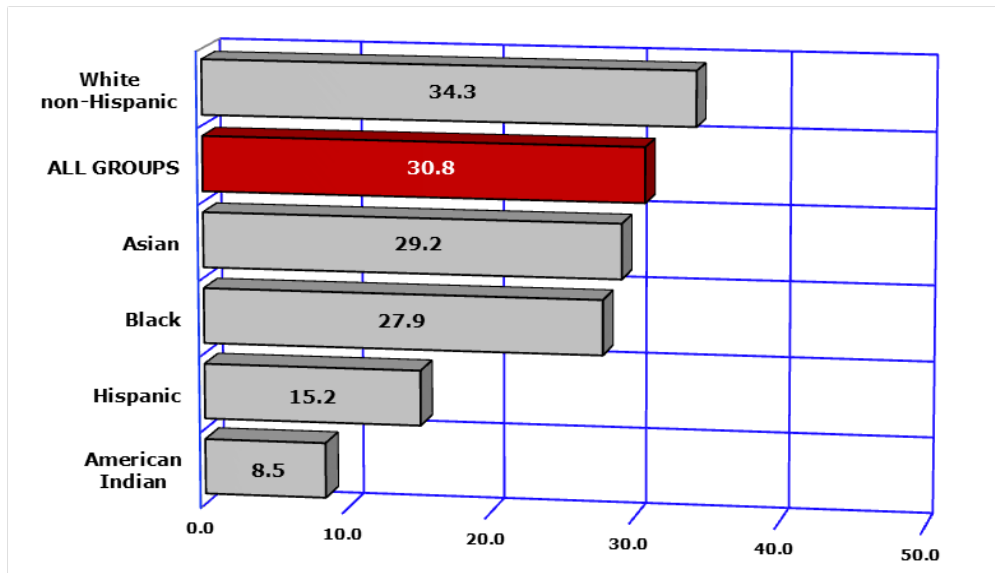
### COMPARATIVE RATES FOR 2007 AND 2017

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
2007	148.0	154.6	118.6	153.4	113.9	84.2
2017	136.6	141.4	110.9	158.5	117.1	99.4
% change from 2007	-7.7	-8.5	-6.5	3.3	2.8	18.1



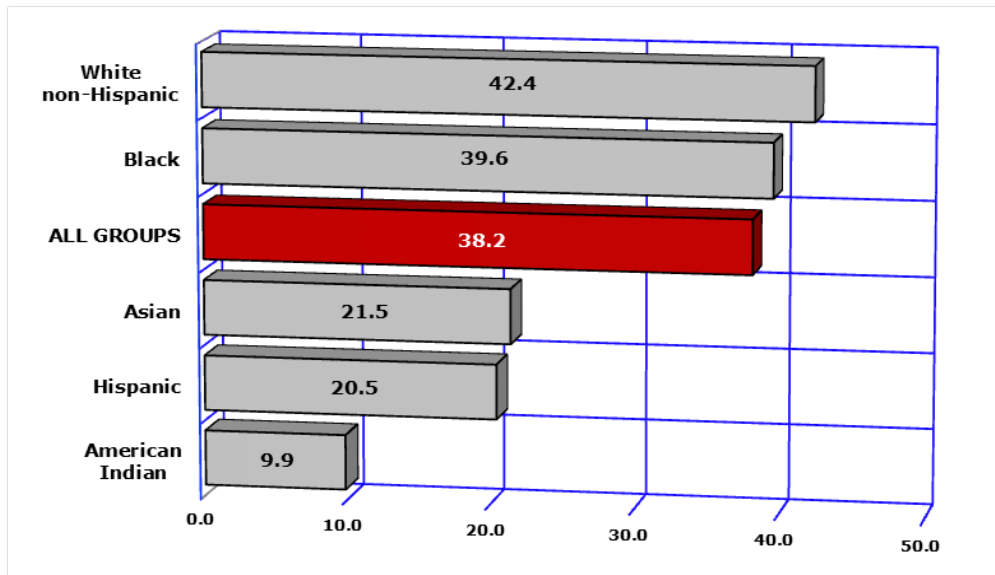
## 5-7 LUNG CANCER

**2017**



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

**2007**

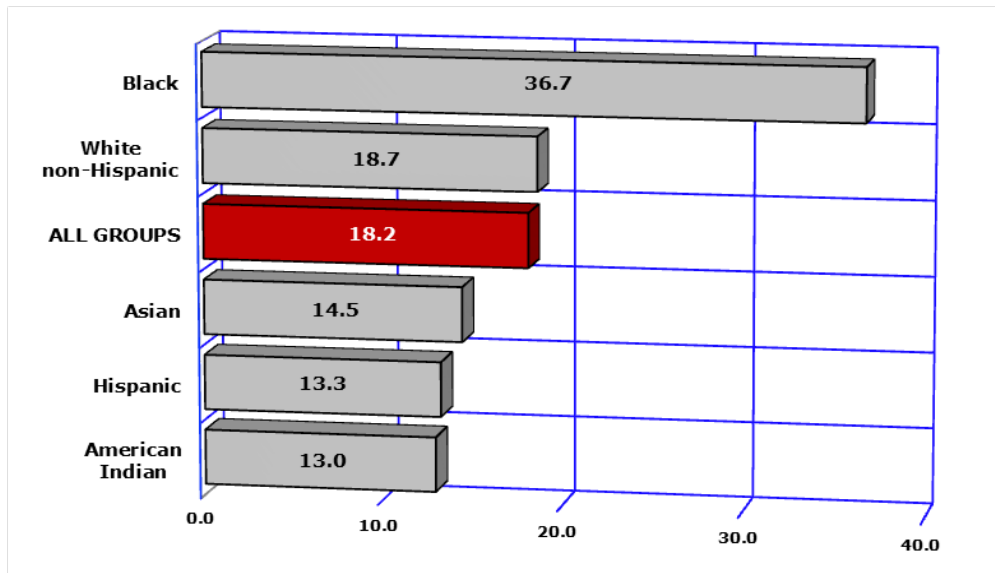


Note: Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

<b>COMPARATIVE RATES FOR 2007 AND 2017</b>						
Number of deaths per 100,000 population by race/ethnicity						
<b>Year</b>	<b>All groups</b>	<b>White non-Hispanic</b>	<b>Hispanic or Latino</b>	<b>Black or African American</b>	<b>American Indian or Alaska Native</b>	<b>Asian or Pacific Islander</b>
<b>2007</b>	<b>38.2</b>	<b>42.4</b>	<b>20.5</b>	<b>39.6</b>	<b>9.9</b>	<b>21.5</b>
<b>2017</b>	<b>30.8</b>	<b>34.3</b>	<b>15.2</b>	<b>27.9</b>	<b>8.5</b>	<b>29.2</b>
<b>% change from 2007</b>	<b>-19.4</b>	<b>-19.1</b>	<b>-25.9</b>	<b>-29.5</b>	<b>-14.1</b>	<b>35.8</b>

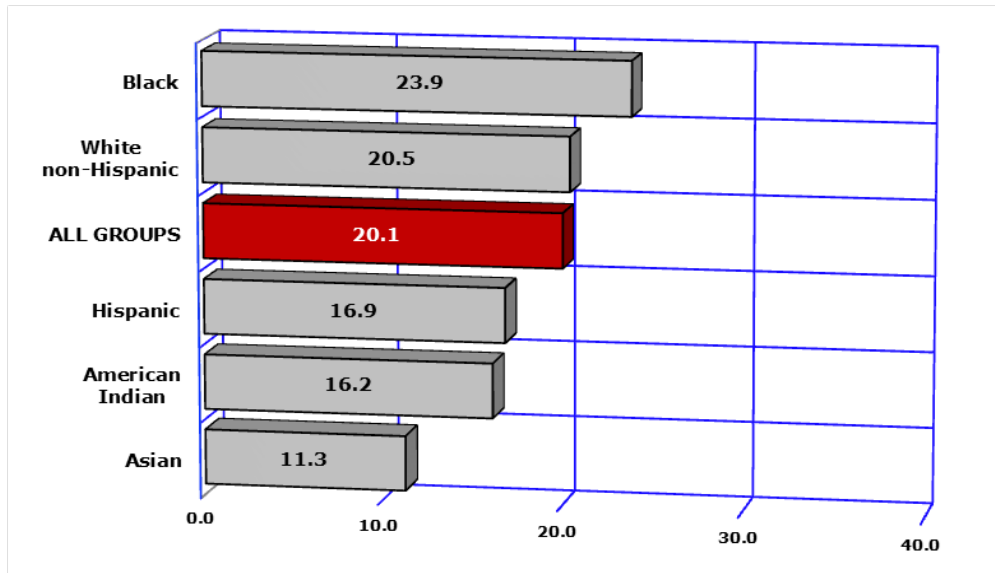
## 5-8 BREAST CANCER (FEMALE)

**2017**



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

**2007**

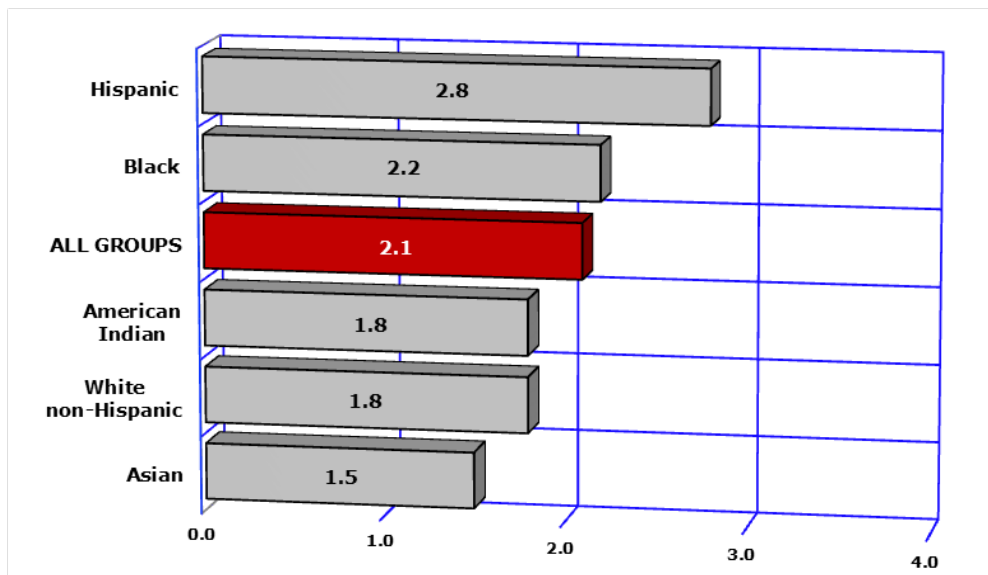


Note: Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

<b>COMPARATIVE RATES FOR 2007 AND 2017</b>						
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
2007	20.1	20.5	16.9	23.9	16.2	11.3
2017	18.2	18.7	13.3	36.7	13.0	14.5
% change from 2007	-9.5	-8.8	-21.3	53.6	-19.8	28.3

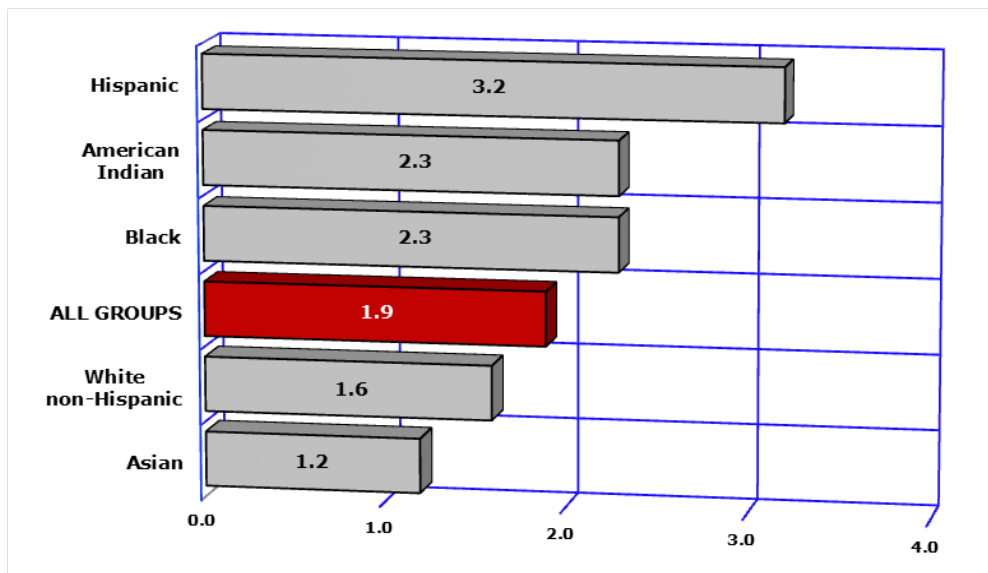
## 5-9 CERVICAL CANCER

**2017**



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

**2007**

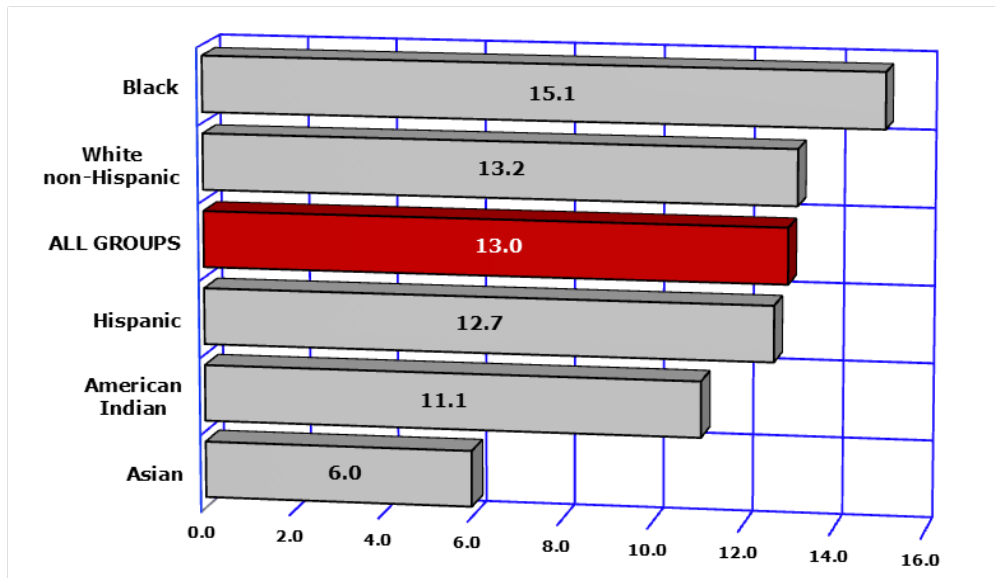


Note: Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

<b>COMPARATIVE RATES FOR 2007 AND 2017</b>						
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
2007	1.9	1.6	3.2	2.3	2.3	1.2
2017	2.1	1.8	2.8	2.2	1.8	1.5
<b>% change from 2007</b>	<b>10.5</b>	<b>12.5</b>	<b>-12.5</b>	<b>-4.3</b>	<b>-21.7</b>	<b>25.0</b>

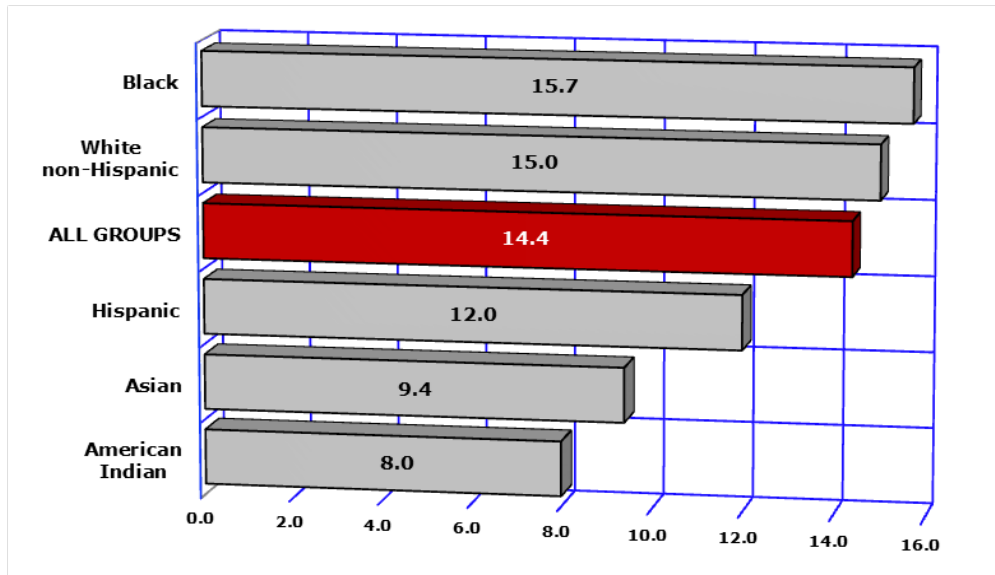
## 5-10 COLORECTAL CANCER

**2017**



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

**2007**

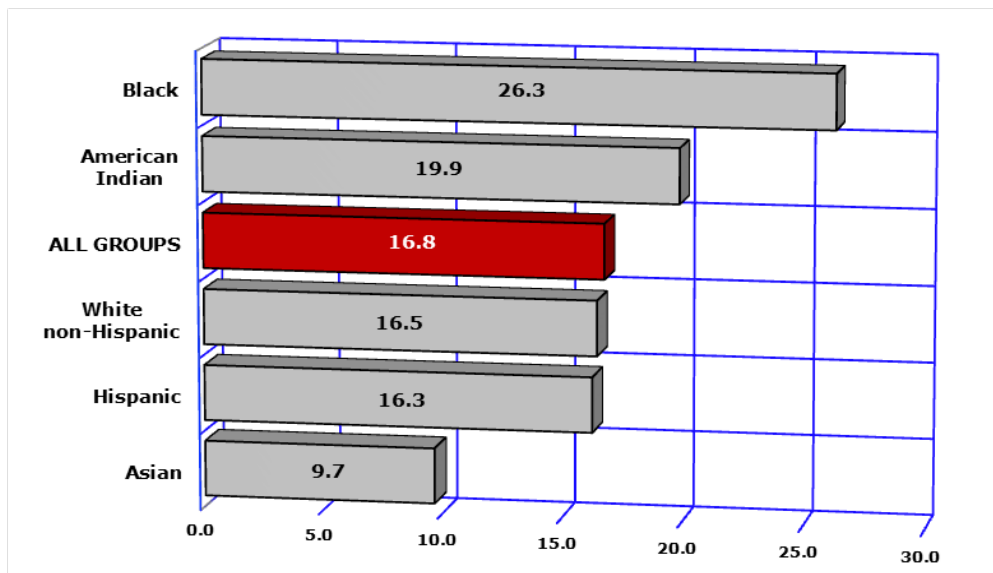


Note: Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

<b>COMPARATIVE RATES FOR 2007 AND 2017</b>						
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
2007	14.4	15.0	12.0	15.7	8.0	9.4
2017	13.0	13.2	12.7	15.1	11.1	6.0
% change from 2007	-9.7	-12.0	5.8	-3.8	38.8	-36.2

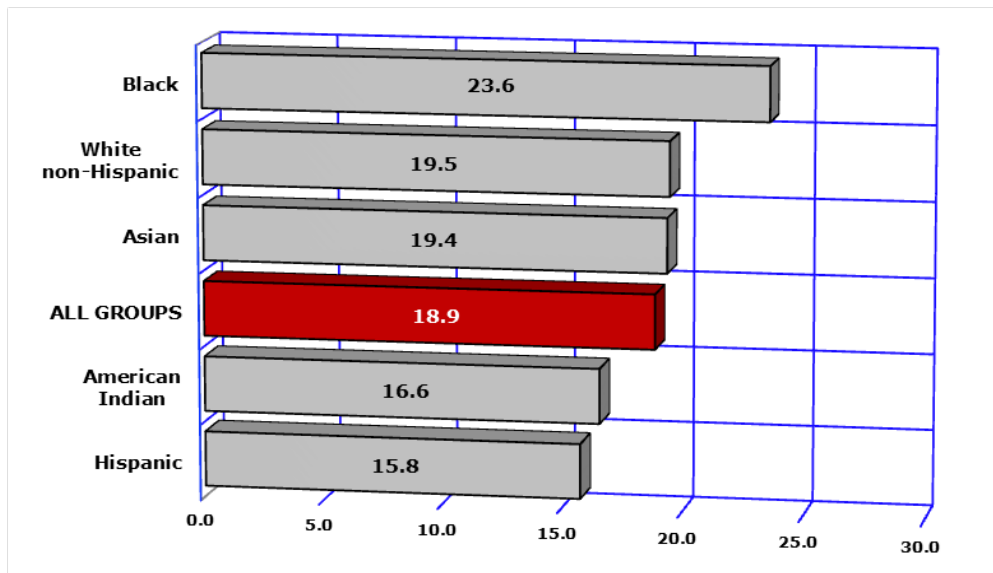
## 5-11 PROSTATE CANCER

**2017**



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

**2007**

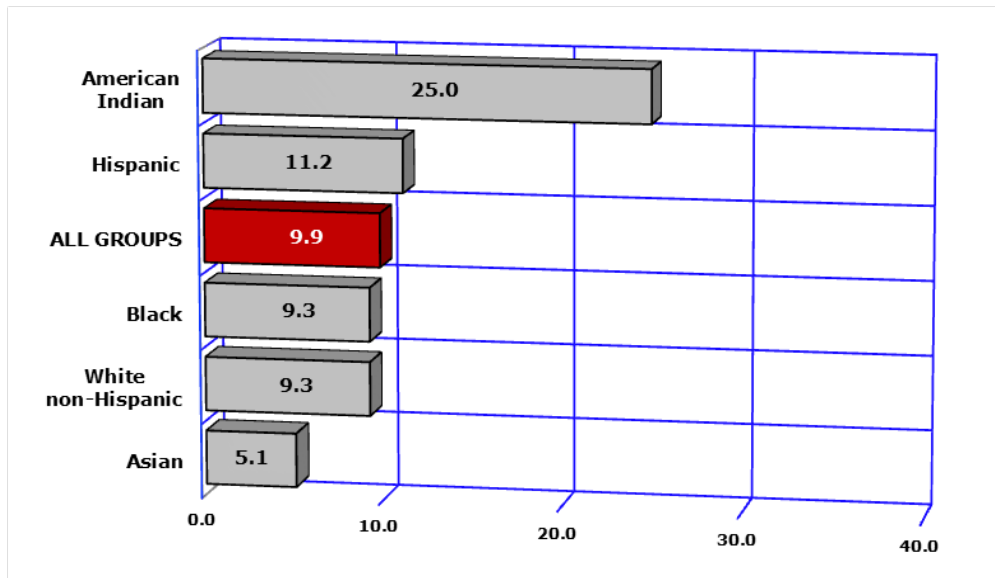


Note: Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

<b>COMPARATIVE RATES FOR 2007 AND 2017</b>						
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
2007	18.9	19.5	15.8	23.6	16.6	19.4
2017	16.8	16.5	16.3	26.3	19.9	9.7
% change from 2007	-11.1	-15.4	3.2	11.4	19.9	-50.0

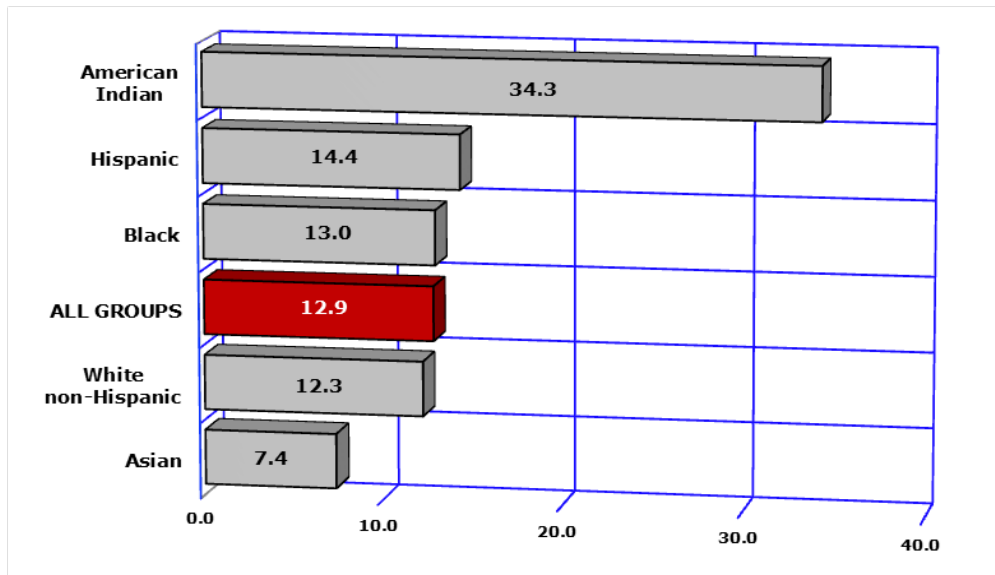
## 5-12 INFLUENZA AND PNEUMONIA

**2017**



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

**2007**

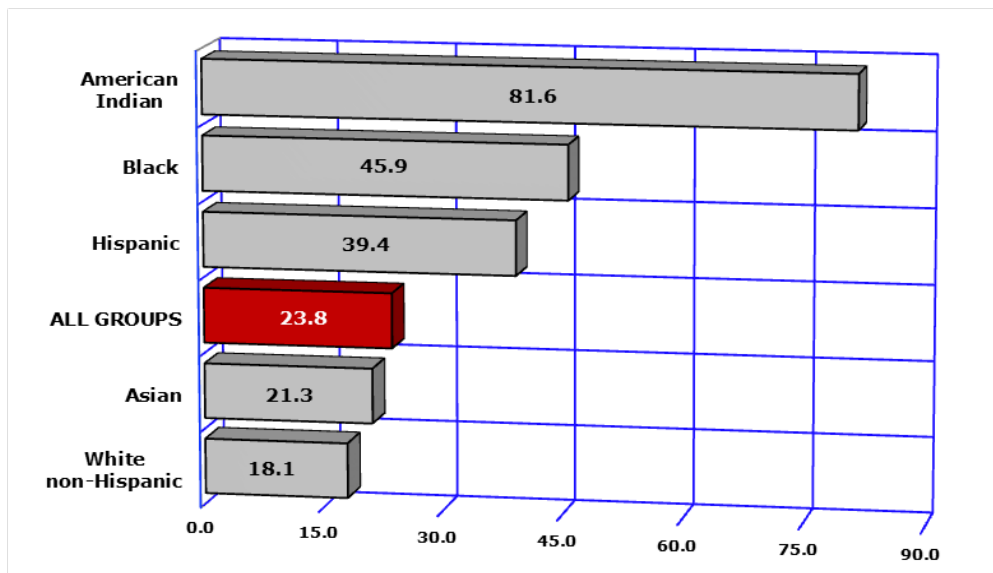


Note: Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

<b>COMPARATIVE RATES FOR 2007 AND 2017</b>						
Number of deaths per 100,000 population by race/ethnicity						
<b>Year</b>	<b>All groups</b>	<b>White non-Hispanic</b>	<b>Hispanic or Latino</b>	<b>Black or African American</b>	<b>American Indian or Alaska Native</b>	<b>Asian or Pacific Islander</b>
<b>2007</b>	12.9	12.3	14.4	13.0	34.3	7.4
<b>2017</b>	9.9	9.3	11.2	9.3	25.0	5.1
<b>% change from 2007</b>	-23.3	-24.4	-22.2	-28.5	-27.1	-31.1

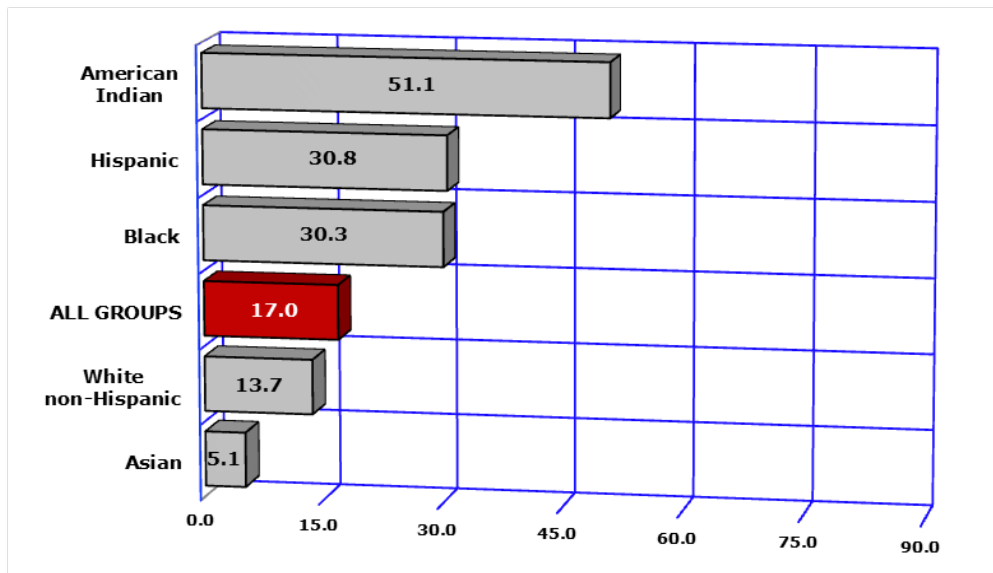
## 5-13 DIABETES

**2017**



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

**2007**

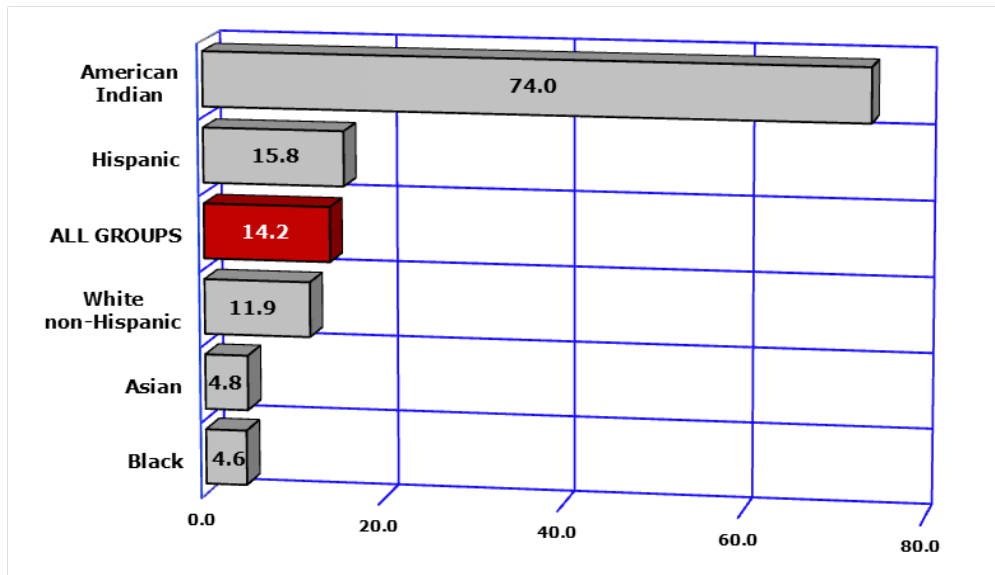


Note: Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

<b>COMPARATIVE RATES FOR 2007 AND 2017</b>						
Number of deaths per 100,000 population by race/ethnicity						
<b>Year</b>	<b>All groups</b>	<b>White non-Hispanic</b>	<b>Hispanic or Latino</b>	<b>Black or African American</b>	<b>American Indian or Alaska Native</b>	<b>Asian or Pacific Islander</b>
<b>2007</b>	17.0	13.7	30.8	30.3	51.1	5.1
<b>2017</b>	23.8	18.1	39.4	45.9	81.6	21.3
<b>% change from 2007</b>	40.0	32.1	27.9	51.5	59.7	317.6

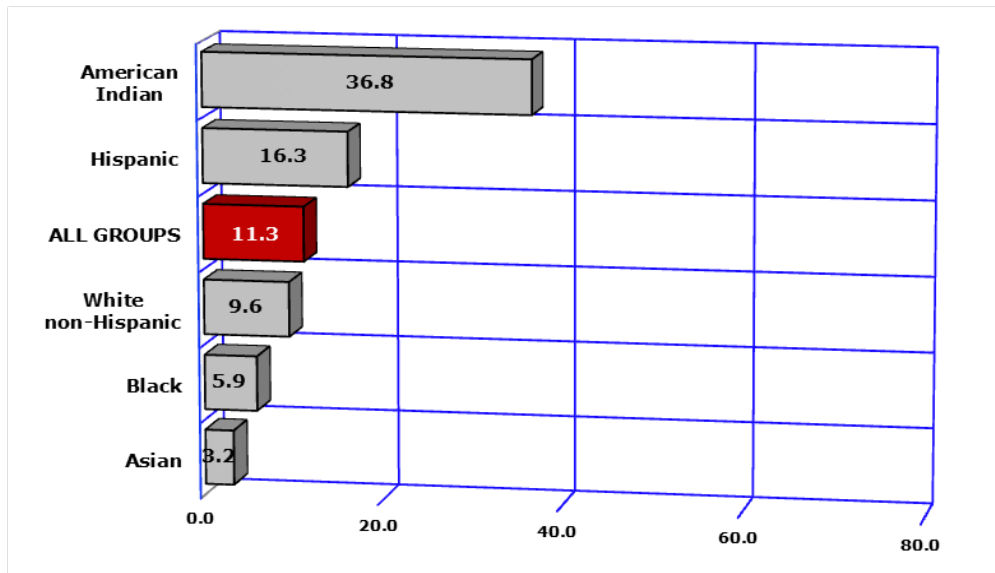
## 5-14 CHRONIC LIVER DISEASE AND CIRRHOSIS

**2017**



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

**2007**



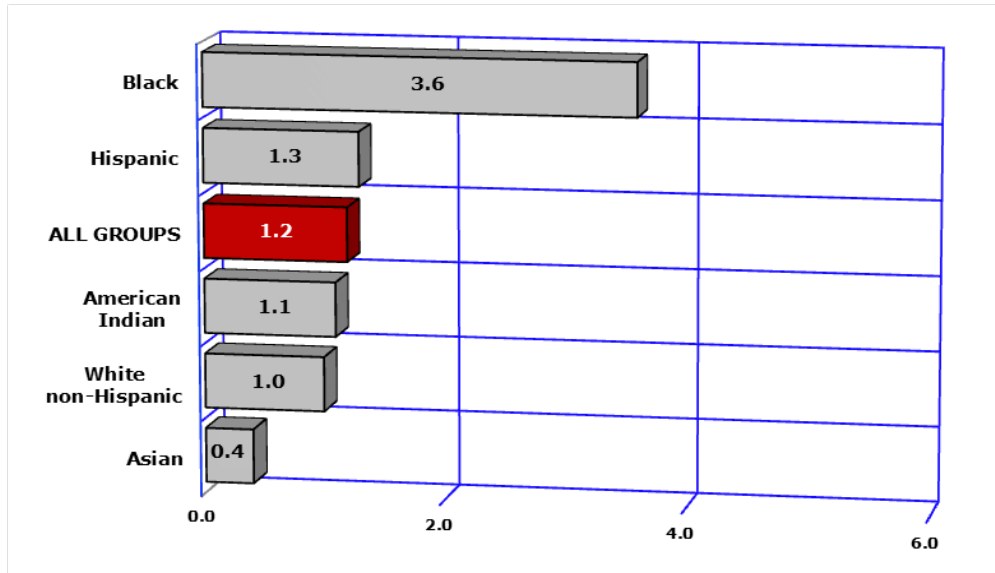
Note: Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

<b>COMPARATIVE RATES FOR 2007 AND 2017</b>						
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
2007	11.3	9.6	16.3	5.9	36.8	3.2
2017	14.2	11.9	15.8	4.6	74.0	4.8
% change from 2007	25.7	24.0	-3.1	-22.0	101.1	50.0



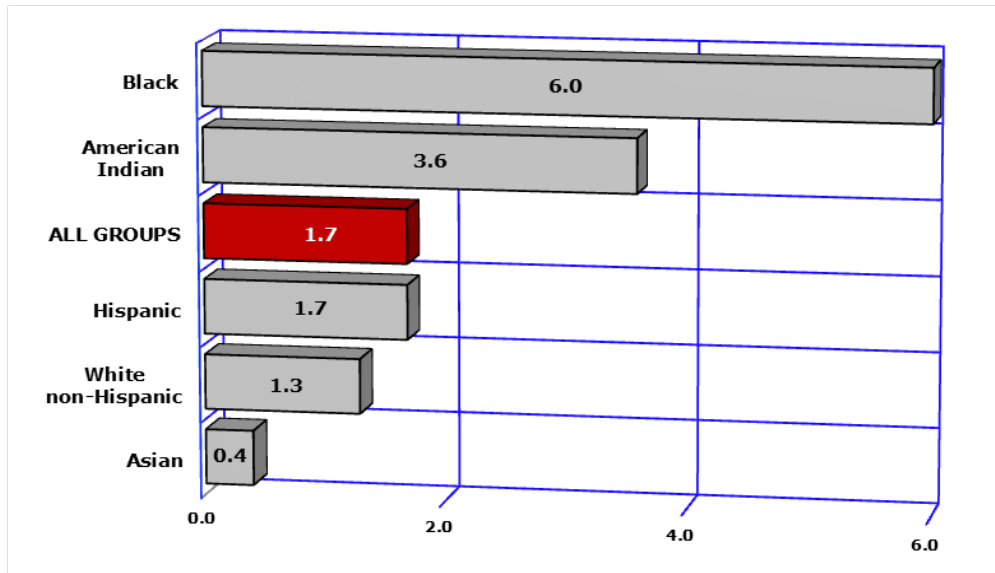
## 5-15 HIV DISEASE

**2017**



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

**2007**

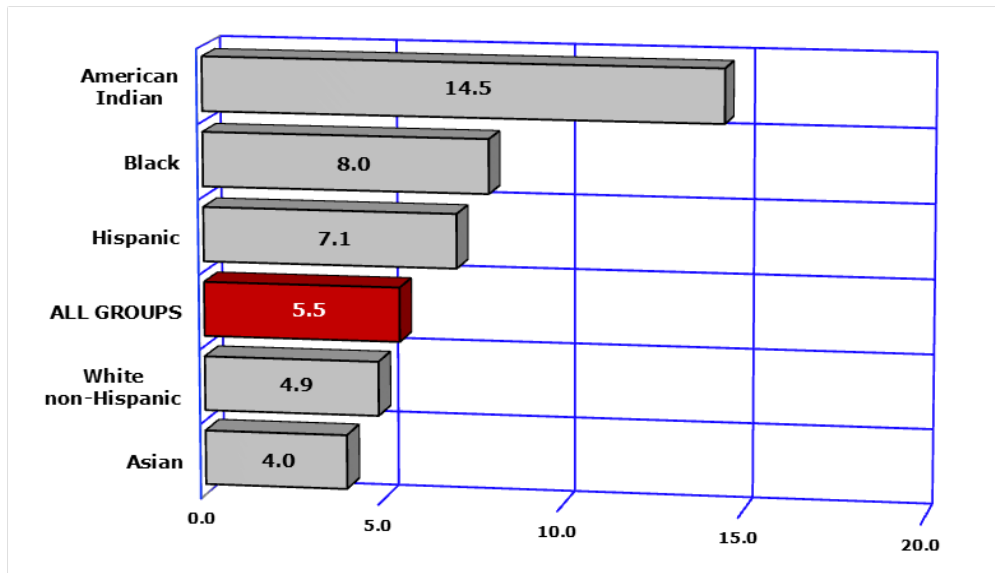


Note: Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

<b>COMPARATIVE RATES FOR 2007 AND 2017</b>						
Number of deaths per 100,000 population by race/ethnicity						
<b>Year</b>	<b>All groups</b>	<b>White non-Hispanic</b>	<b>Hispanic or Latino</b>	<b>Black or African American</b>	<b>American Indian or Alaska Native</b>	<b>Asian or Pacific Islander</b>
<b>2007</b>	1.7	1.3	1.7	6.0	3.6	0.4
<b>2017</b>	1.2	1.0	1.3	3.6	1.1	0.4
<b>% change from 2007</b>	-29.4	-23.1	-23.5	-40.0	-69.4	0.0

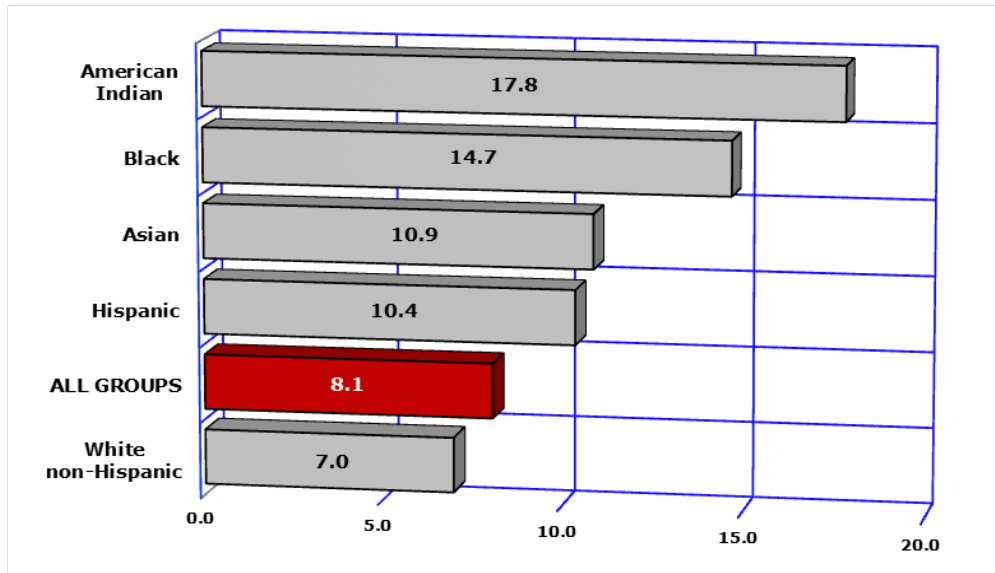
## 5-16 SEPTICEMIA

**2017**



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

**2007**

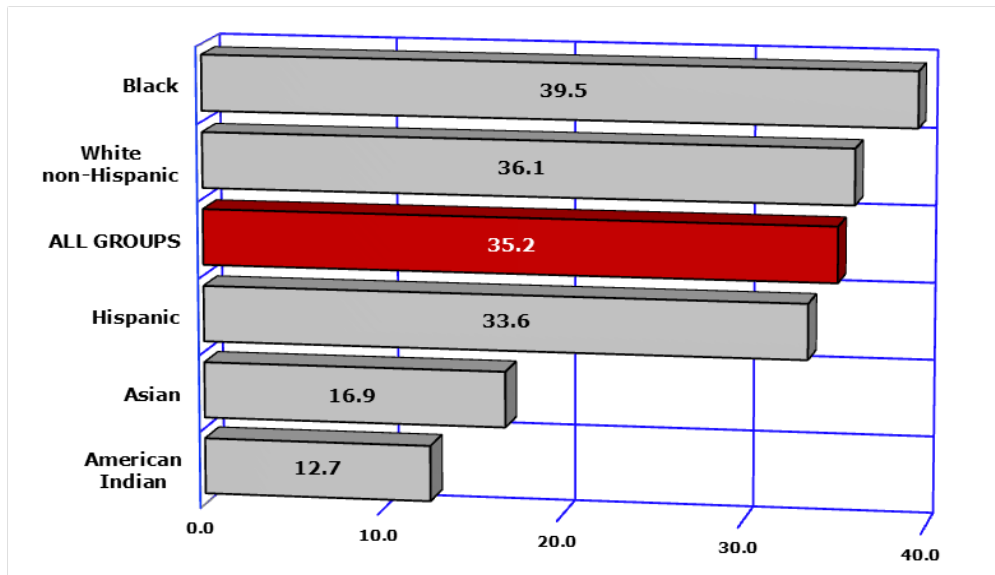


Note: Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

<b>COMPARATIVE RATES FOR 2007 AND 2017</b>						
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
2007	8.1	7.0	10.4	14.7	17.8	10.9
2017	5.5	4.9	7.1	8.0	14.5	4.0
% change from 2007	-32.1	-30.0	-31.7	-45.6	-18.5	-63.3

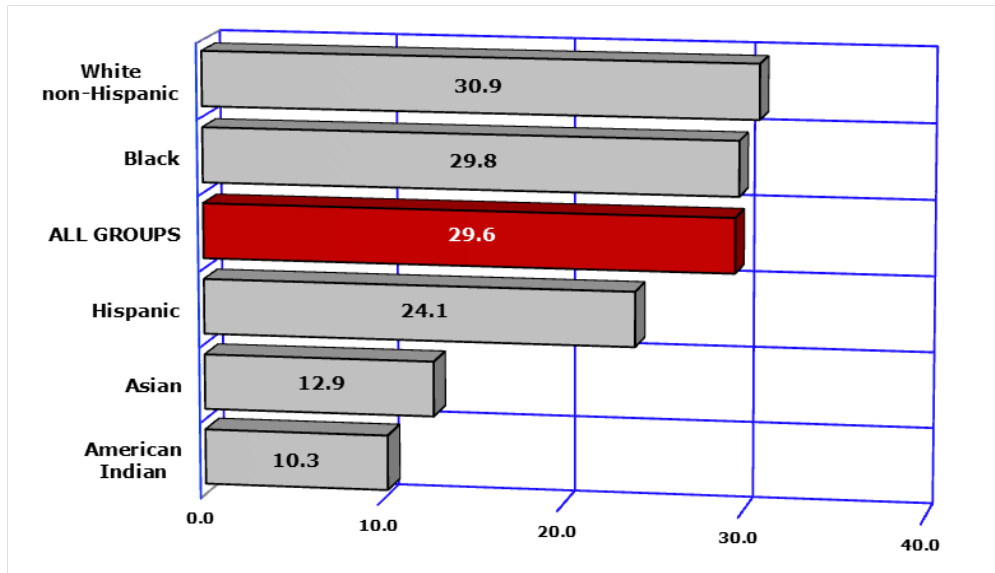
## 5-17 ALZHEIMER'S DISEASE

**2017**



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

**2007**

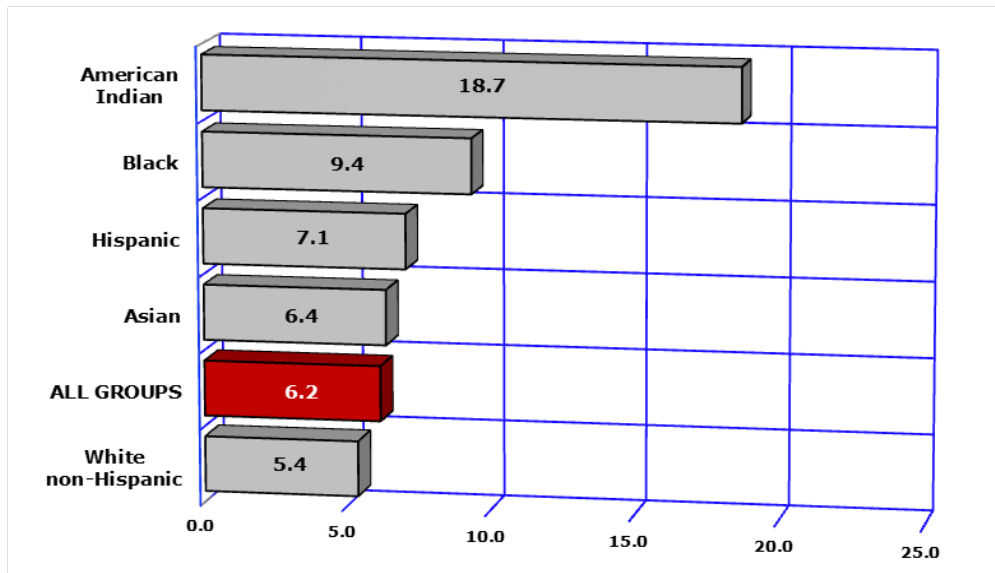


Note: Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

<b>COMPARATIVE RATES FOR 2007 AND 2017</b>						
Number of deaths per 100,000 population by race/ethnicity						
<b>Year</b>	<b>All groups</b>	<b>White non-Hispanic</b>	<b>Hispanic or Latino</b>	<b>Black or African American</b>	<b>American Indian or Alaska Native</b>	<b>Asian or Pacific Islander</b>
<b>2007</b>	29.6	30.9	24.1	29.8	10.3	12.9
<b>2017</b>	35.2	36.1	33.6	39.5	12.7	16.9
<b>% change from 2007</b>	18.9	16.8	39.4	32.6	23.3	31.0

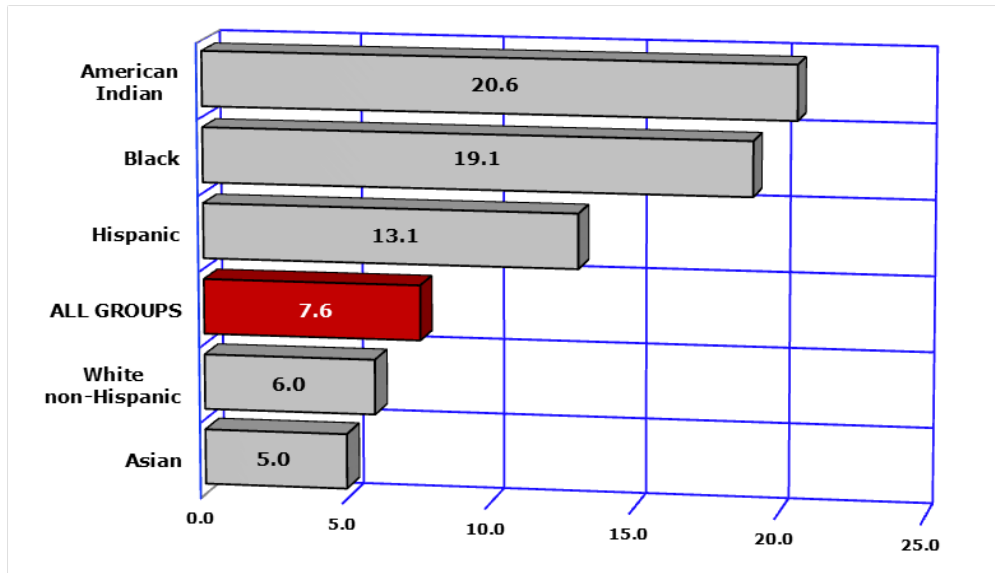
## 5-18 NEPHRITIS, NEPHROTIC SYNDROME, AND NEPHROSIS

**2017**



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

**2007**



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

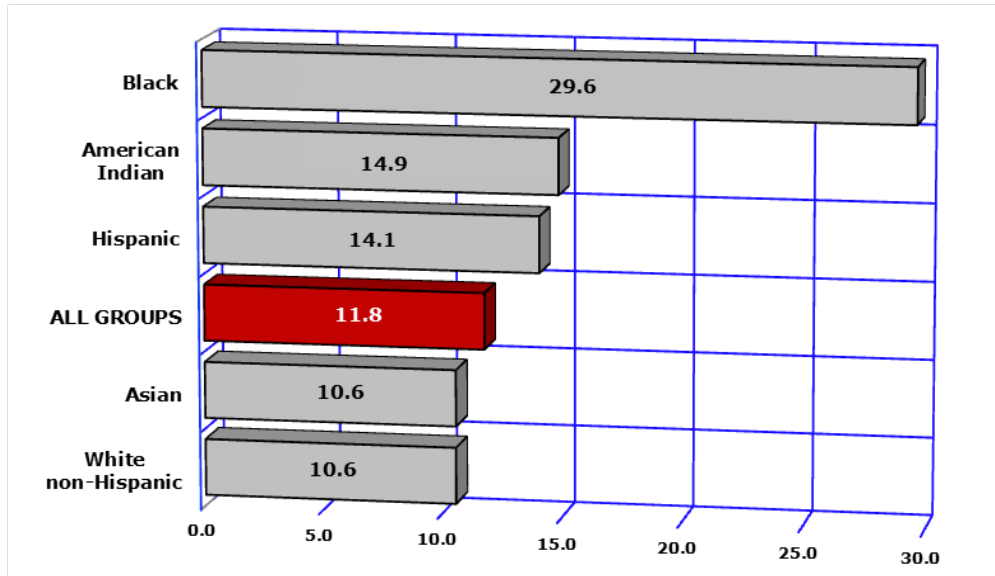
### COMPARATIVE RATES FOR 2007 AND 2017

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
2007	7.6	6.0	13.1	19.1	20.6	5.0
2017	6.2	5.4	7.1	9.4	18.7	6.4
% change from 2007	-18.4	-10.0	-45.8	-50.8	-9.2	28.0

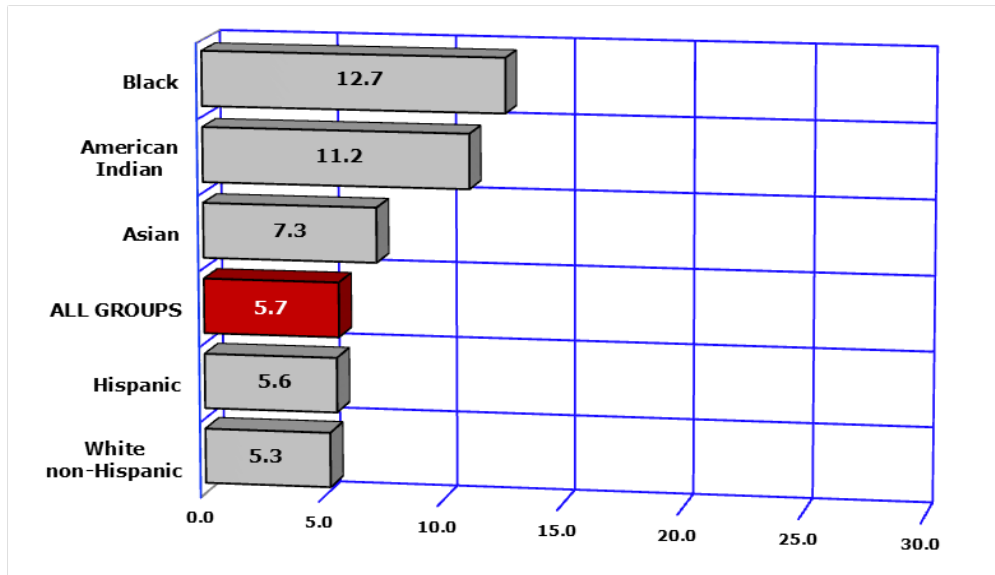
## 5-19 ESSENTIAL (PRIMARY) HYPERTENSION

**2017**



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

**2007**

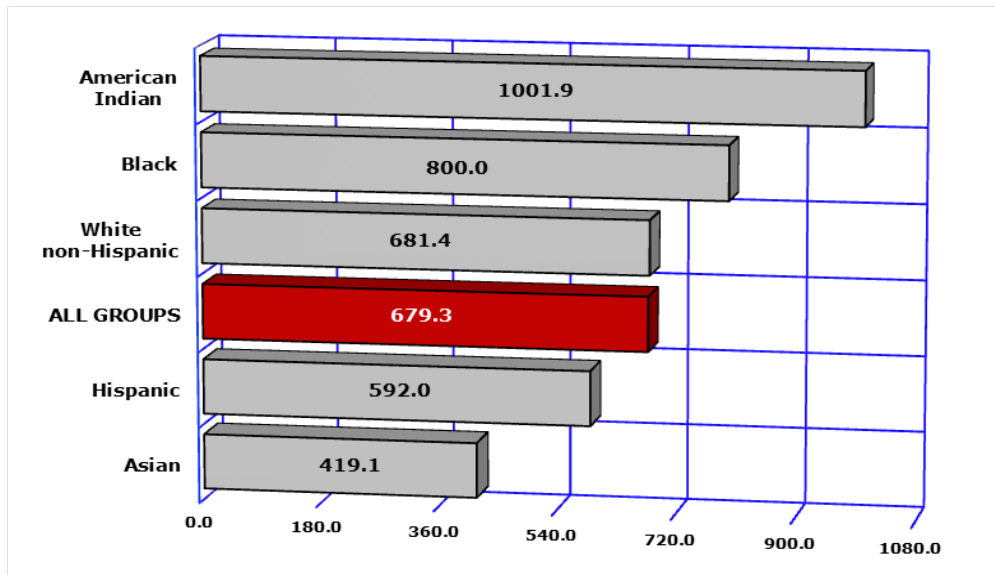


Note: Number of deaths per 100,000 population (age-adjusted to the 2000 standard).

<b>COMPARATIVE RATES FOR 2007 AND 2017</b>						
Number of deaths per 100,000 population by race/ethnicity						
<b>Year</b>	<b>All groups</b>	<b>White non-Hispanic</b>	<b>Hispanic or Latino</b>	<b>Black or African American</b>	<b>American Indian or Alaska Native</b>	<b>Asian or Pacific Islander</b>
<b>2007</b>	5.7	5.3	5.6	12.7	11.2	7.3
<b>2017</b>	11.8	10.6	14.1	29.6	14.9	10.6
<b>% change from 2007</b>	107.0	100.0	151.8	133.1	33.0	45.2

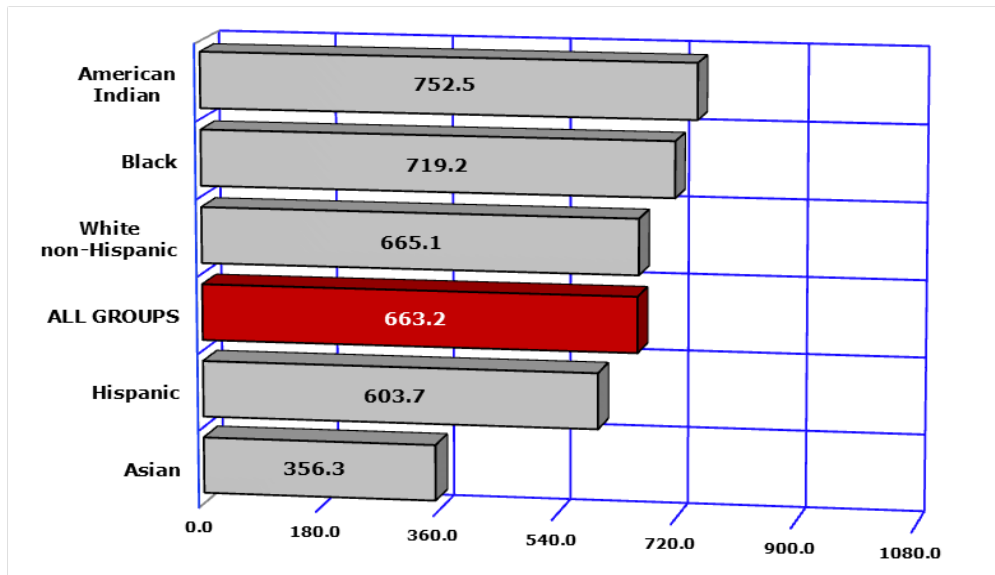
## 5-20 TOTAL MORTALITY FROM ALL CAUSES

**2017**



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

**2007**



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

<b>COMPARATIVE RATES FOR 2007 AND 2017</b>						
Number of deaths per 100,000 population by race/ethnicity						
<b>Year</b>	<b>All groups</b>	<b>White non-Hispanic</b>	<b>Hispanic or Latino</b>	<b>Black or African American</b>	<b>American Indian or Alaska Native</b>	<b>Asian or Pacific Islander</b>
<b>2007</b>	<b>663.2</b>	<b>665.1</b>	<b>603.7</b>	<b>719.2</b>	<b>752.5</b>	<b>356.3</b>
<b>2017</b>	<b>679.3</b>	<b>681.4</b>	<b>592.0</b>	<b>800.0</b>	<b>1001.9</b>	<b>419.1</b>
<b>% change from 2007</b>	<b>2.4</b>	<b>2.5</b>	<b>-1.9</b>	<b>11.2</b>	<b>33.1</b>	<b>17.6</b>