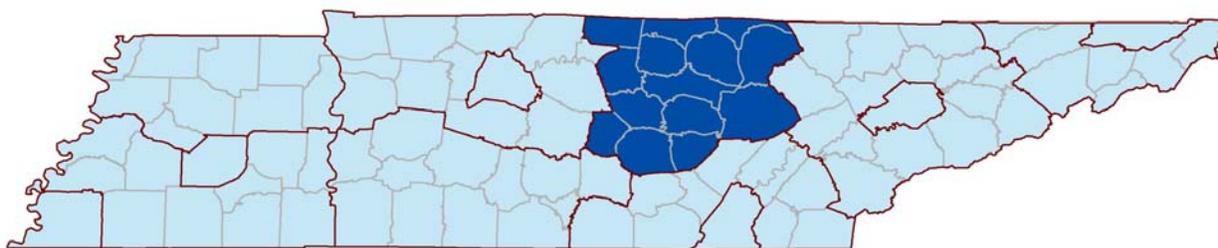


CHRONIC DISEASE HEALTH PROFILE REGIONS AND COUNTIES: TENNESSEE

UPPER-CUMBERLAND REGION



TENNESSEE DEPARTMENT OF HEALTH
OFFICE OF POLICY, PLANNING & ASSESSMENT
SURVEILLANCE, EPIDEMIOLOGY AND EVALUATION
DECEMBER 2011

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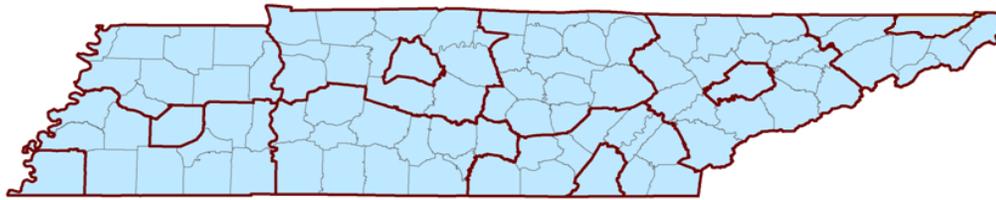
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Demographics



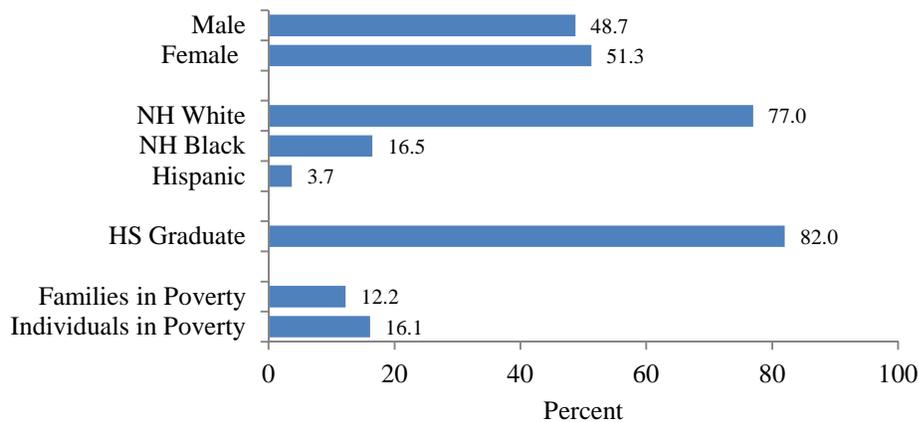
Quick Facts

Median Age¹: 37.3
 Median Income¹: \$42,943
 Home Ownership¹: 72.0%
 Unemployment¹: 7.9%
 Crime Rate² (per 1,000): 91.9
 Teen Pregnancy Rate³ (per 1,000)
 Overall: 63.4
 White: 52.4
 Black: 103.3
 Infant Mortality⁴ (per 1,000)
 Overall: 8.1
 White: 5.6
 Black: 15.2
 Automobile Accident
 Deaths⁴ (per 100,000): 18.7

Population by Age, Gender and Race, 2005-2009¹

| Age | Gender | | Race | | | Total |
|-------|-----------|-----------|--------------------|--------------------|----------|-----------|
| | Female | Male | Non-Hispanic White | Non-Hispanic Black | Hispanic | |
| <18 | 720,623 | 754,407 | 1,025,898 | 298,159 | 90,277 | 1,475,030 |
| 18-44 | 1,143,968 | 1,140,065 | 1,699,802 | 410,678 | 106,533 | 2,284,033 |
| 45-64 | 827,771 | 775,142 | 1,315,508 | 226,209 | 25,576 | 1,602,913 |
| 65+ | 464,909 | 332,068 | 698,898 | 81,004 | 6,057 | 796,977 |
| Total | 3,157,271 | 3,001,682 | 4,740,106 | 1,016,050 | 228,443 | 6,158,953 |

Demographics of Tennessee, 2005-2009¹



¹Data Source: U.S. Census Bureau, American Community Survey, 2005-2009.

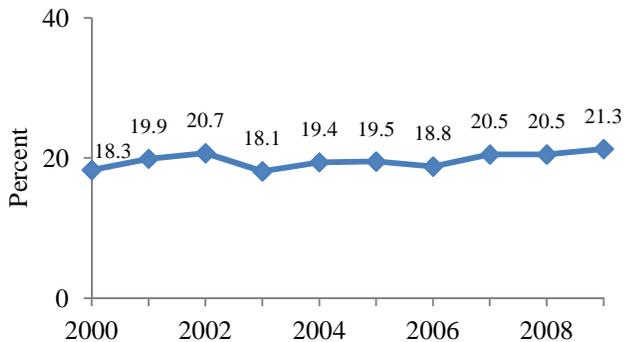
²Data Source: Tennessee Bureau of Investigation. "Tennessee Incident Based Reporting System (TIBRS)" accessed July 26, 2011. <http://www.tennesseeonline.com/tibrspublic2005>, 2007-2009.

³Data Source: Birth Statistical System, Fetal Death Statistical System, and Induced Abortion Statistical System. Tennessee Department of Health, Division of Health Statistics, 2007-2009.

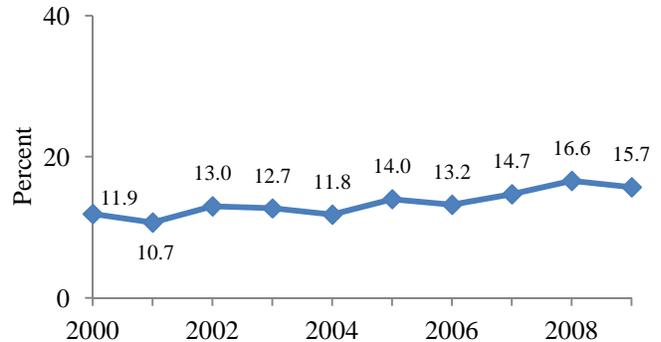
⁴Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics, 2007-2009.

General Health

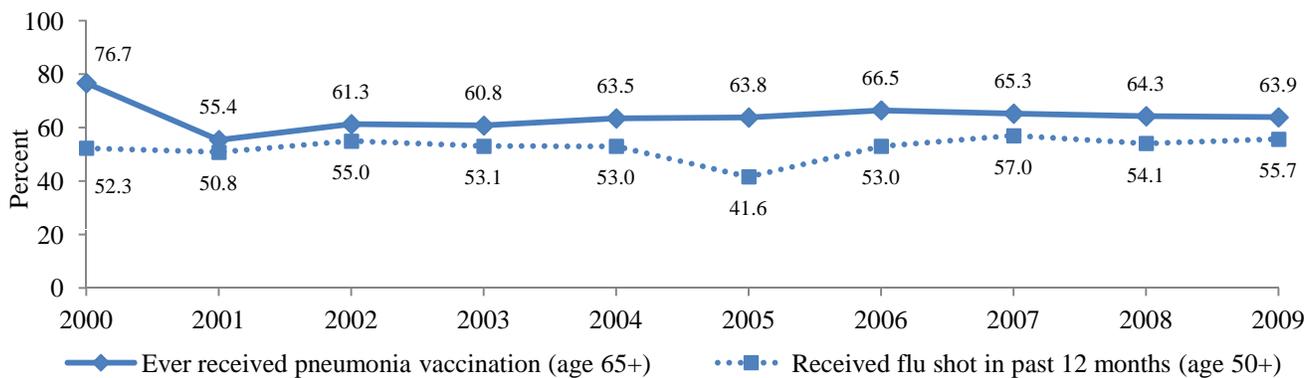
"Fair/Poor" Health¹



Lacking Health Insurance¹



Pneumonia and Influenza Vaccination Status¹



Prevalence for General Health Indicators Among Tennessee Adults 18+, 2009¹

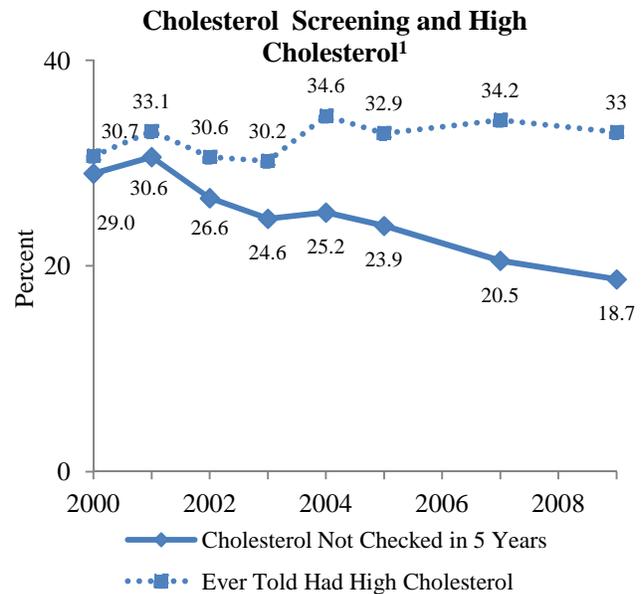
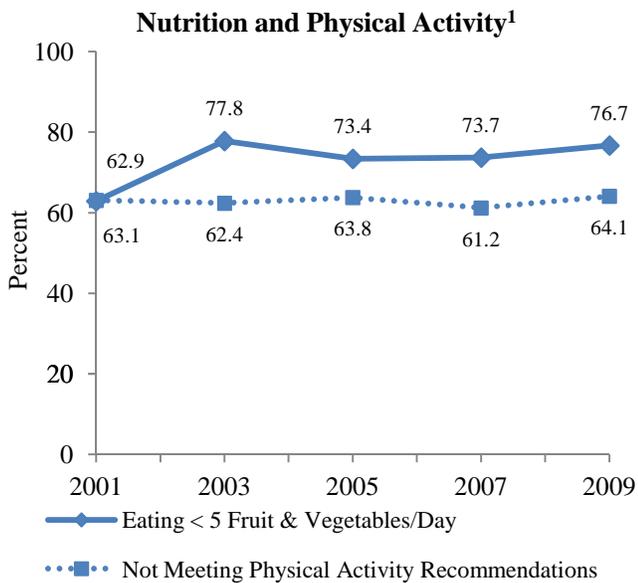
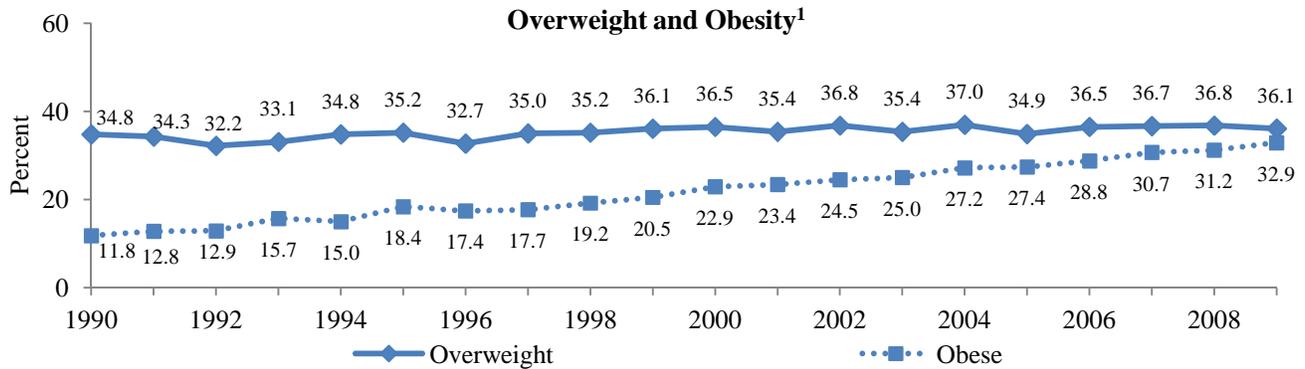
| Indicator | Total | NH White | NH Black | Female | Male |
|--|-------|----------|----------|--------|------|
| Fair/Poor Health Status (%) | 21.3 | 22.1 | 20.6 | 22.4 | 20.1 |
| Lacking Health Insurance (%) | 15.7 | 14.2 | 20.0 | 12.9 | 18.9 |
| Ever Received Pneumonia Vaccination ² (%) | 63.9 | 66.1 | 44.5 | 65.3 | 62.0 |
| Received Flu Shot in Past 12 Months ³ (%) | 55.7 | 57.2 | 43.7 | 56.6 | 54.7 |
| Mean # of Days of Poor Physical Health per Month (%) | 12.4 | 12.9 | 10.9 | 12.5 | 12.4 |
| Mean # of Days of Poor Mental Health per Month (%) | 13.9 | 14.2 | 13.5 | 12.9 | 15.3 |

¹Data Source: Tennessee Behavioral Risk Factor Surveillance System (BRFSS). Statistics are for 18+ unless indicated otherwise.

²Age 65+.

³Age 50+.

Behavioral Risk Factors

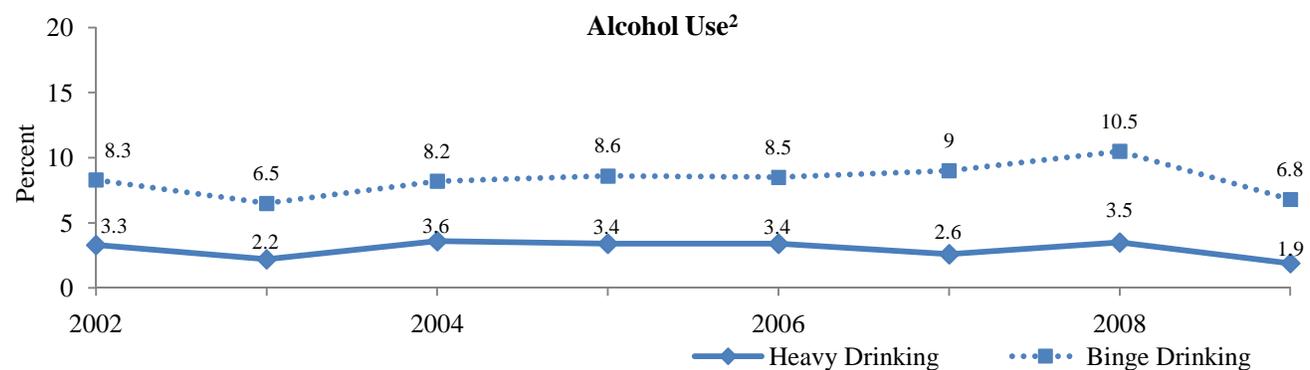
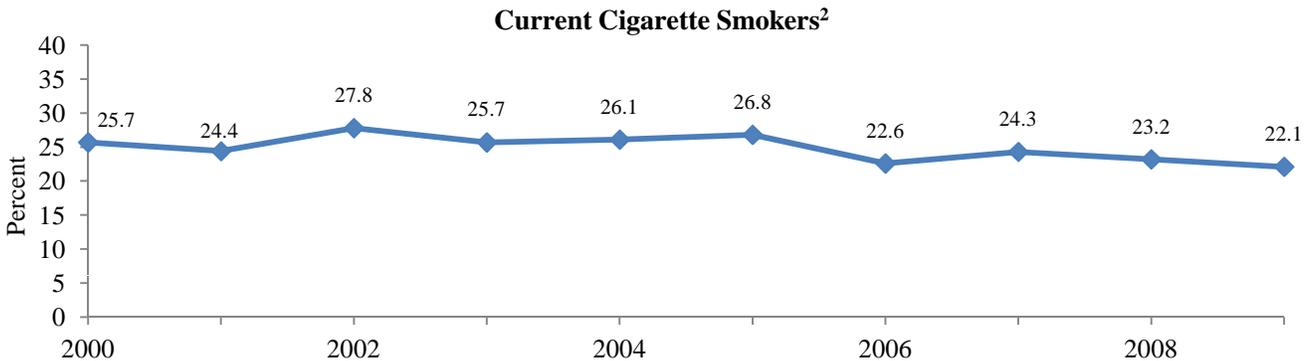
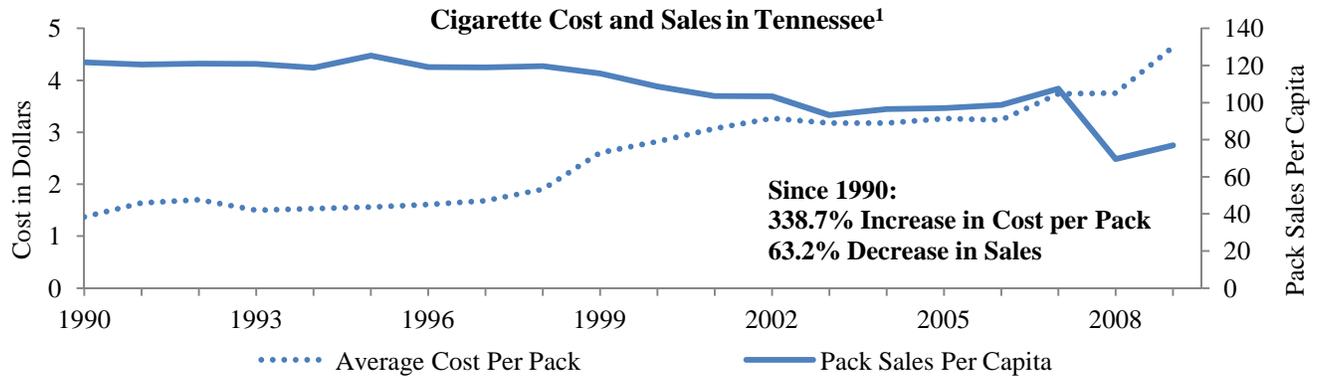


Prevalence for Behavioral Risk Factors Among Tennessee Adults 18+, 2009¹

| Risk factor | Total | NH White | NH Black | Female | Male |
|--|-------|----------|----------|--------|------|
| Eating <5 Fruits & Vegetables per Day (%) | 76.7 | 75.3 | 82.9 | 73.9 | 79.7 |
| Not Meeting Physical Activity Recommendations (%) | 64.1 | 63.6 | 67.7 | 66.8 | 61.2 |
| Overweight or Obese (%) | 69.1 | 66.9 | 78.8 | 64.4 | 73.8 |
| Have Not Checked Cholesterol Within the Past 5 Years (%) | 18.7 | 18.3 | 20.3 | 16.7 | 20.9 |
| Ever Told Had High Cholesterol (%) | 33.0 | 34.1 | 28.5 | 32.0 | 34.1 |
| Ever Told Had High Blood Pressure (%) | 32.7 | 32.5 | 41.6 | 33.5 | 31.8 |

¹Data Source: Tennessee Behavioral Risk Factor Surveillance System (BRFSS). Statistics are for 18+ unless indicated otherwise.

Cigarette & Alcohol Use



Prevalence for Alcohol and Tobacco Use Among Tennessee Adults 18+, 2009²

| Indicator | Total | NH White | NH Black | Female | Male |
|---------------------|-------|----------|----------|--------|------|
| Heavy Drinking (%) | 1.9 | 2.3 | 1.0 | 1.9 | 2.0 |
| Binge Drinking (%) | 6.8 | 6.5 | 6.8 | 4.6 | 9.0 |
| Current Smokers (%) | 22.1 | 22.3 | 20.9 | 19.7 | 24.7 |

¹Data Source: Centers for Disease Control and Prevention (CDC) State Tobacco Activities Tracking and Evaluation (STATE) System.

²Data Source: Tennessee Behavioral Risk Factor Surveillance System (BRFSS). Statistics are for 18+ unless indicated otherwise.

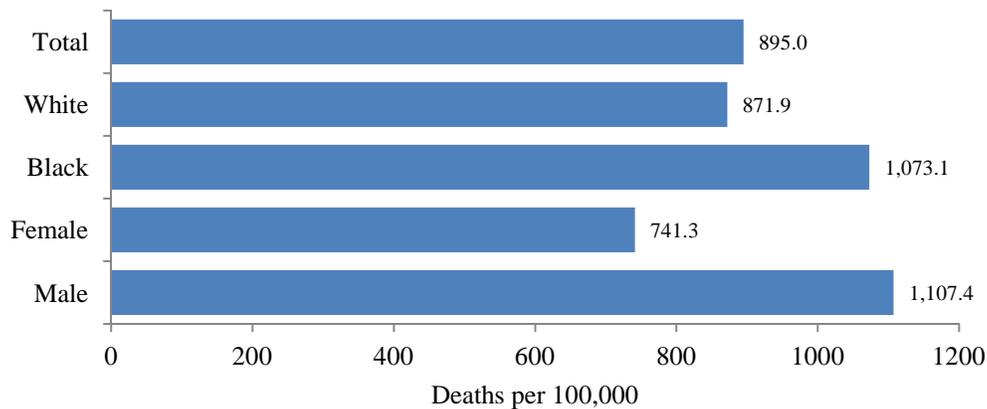
Leading Causes of Death

Leading Causes of Death, Tennessee, 2007-2009¹

| Rank ² | Cause | # Deaths | Age Adjusted Mortality Rate ³ and Demographic Ranking | | | | |
|-------------------|------------------------------------|----------|--|-------|-------|--------|-------|
| | | | Total | White | Black | Female | Male |
| 1 | Heart Disease | 42,982 | 220.7 | 214.7 | 272.4 | 174.7 | 284.2 |
| 2 | Cancer | 39,629 | 200.8 | 196.4 | 242.4 | 159.8 | 264.3 |
| 3 | Chronic Lower Respiratory Diseases | 10,157 | 52.7 | 55.2 | 33.6 | 45.6 | 65.5 |
| 4 | Stroke | 9,857 | 51.3 | 48.3 | 73.0 | 49.1 | 53.7 |
| 5 | Accidents | 9,574 | 50.8 | 53.0 | 40.7 | 33.9 | 70.5 |
| 6 | Alzheimer's Disease | 6,880 | 36.2 | 36.8 | 32.0 | 38.7 | 30.8 |
| 7 | Diabetes Mellitus | 5,174 | 26.5 | 23.3 | 52.7 | 23.7 | 30.2 |
| 8 | Influenza and Pneumonia | 4,204 | 21.9 | 22.1 | 19.6 | 19.4 | 26.7 |
| 9 | Suicide | 2,737 | 14.4 | 16.0 | 6.3 | 6.3 | 23.5 |
| 10 | Kidney Disease | 2,670 | 13.9 | 12.1 | 28.6 | 12.1 | 17.1 |

| | | | | | |
|--------------|---|---|---|---|---|
| Ranking Key: | 1 | 2 | 3 | 4 | 5 |
|--------------|---|---|---|---|---|

All Cause Mortality by Race, Tennessee, 2007-2009¹

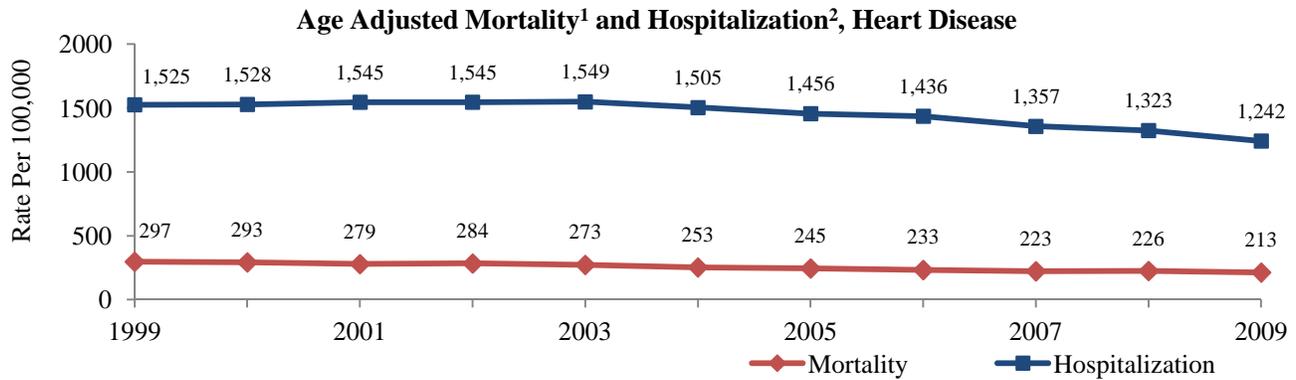


¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjusted to the 2000 standard US population.

²Ranking order is based on counts for the total population. Demographic ranking is based on counts for each subgroup.

³Annual Mortality Rate per 100,000 population, age adjusted to the 2000 standard US population.

Heart Disease

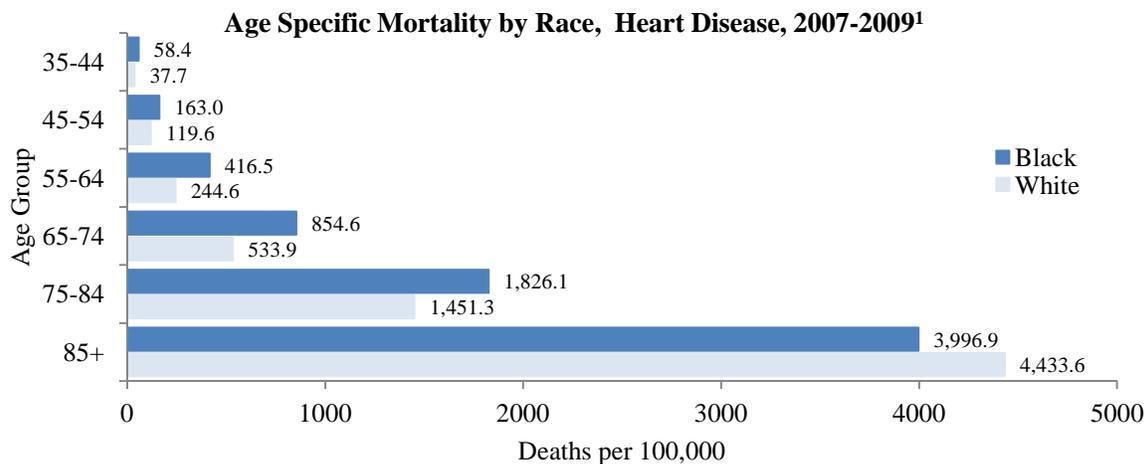


Heart Disease Mortality¹, Hospitalization², 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|---------|---------|---------|---------|---------|
| Mortality (per 100,000) | 220.7 | 214.7 | 272.4 | 174.7 | 284.2 |
| Hospitalization (per 100,000) | 1,306.8 | 1,144.7 | 1,615.2 | 1,069.4 | 1,601.0 |

Heart Disease Prevalence³, 2009

| | Total | NH White | NH Black | Female | Male |
|------------------------------------|-------|----------|----------|--------|------|
| Prevalence of MI ⁴ (%) | 4.7 | 5.2 | 3.6 | 4.4 | 5.1 |
| Prevalence of CHD ⁵ (%) | 4.5 | 5.1 | 2.5 | 4.2 | 4.8 |



¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

²Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

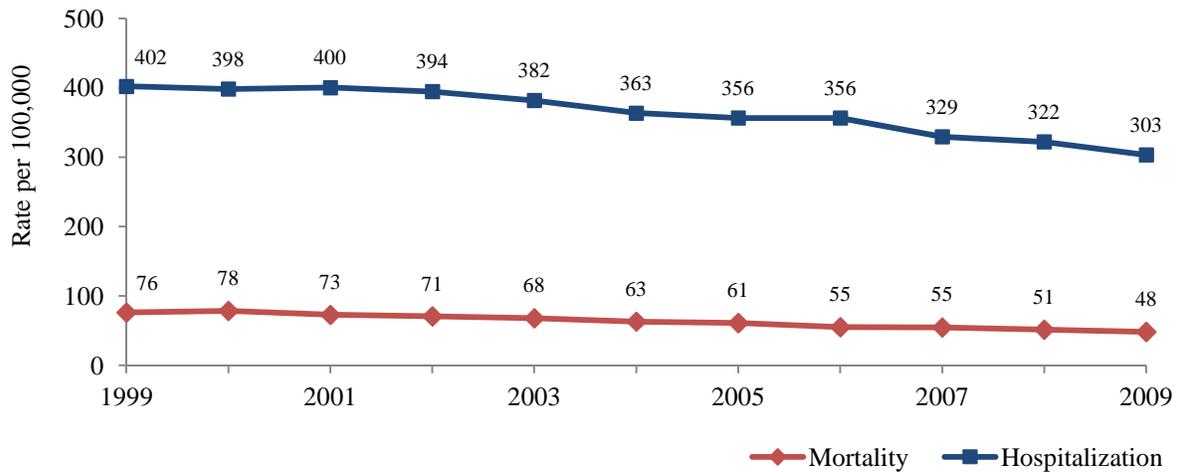
³Data Source: Tennessee Behavioral Risk Factor Surveillance System (BRFSS). Statistics are for 18+ unless indicated otherwise.

⁴MI= Myocardial Infarction.

⁵CHD=Coronary Heart Disease.

Stroke

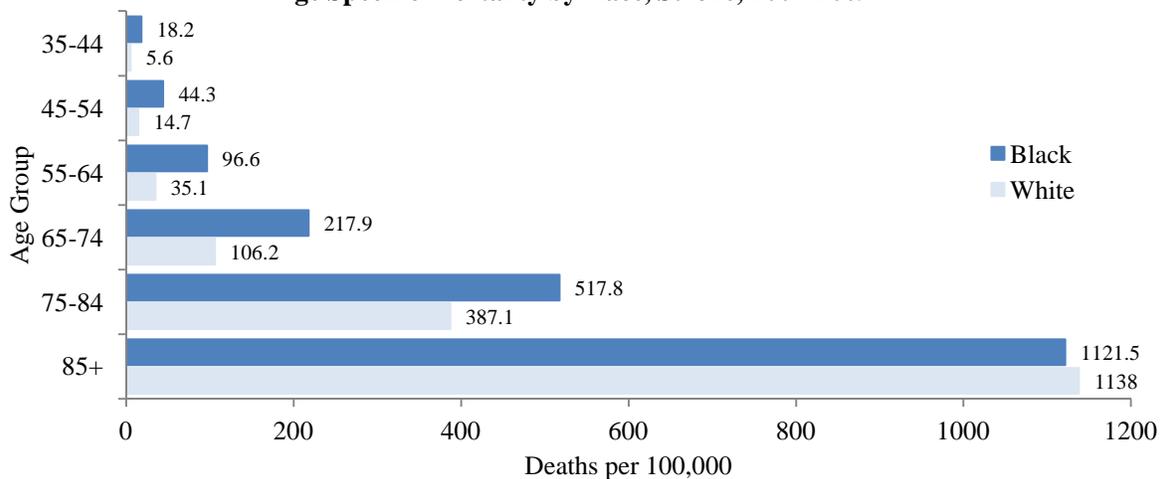
Age Adjusted Mortality¹ and Hospitalization², Stroke



Stroke Mortality¹, Hospitalization², and Prevalence³, 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|-------|-------|-------|--------|-------|
| Mortality (per 100,000) | 51.3 | 48.3 | 73.0 | 49.1 | 53.7 |
| Hospitalization (per 100,000) | 318.0 | 273.4 | 431.1 | 299.8 | 342.0 |
| Prevalence ⁴ (%) | 3.0 | 3.1 | 3.4 | 3.7 | 2.2 |

Age Specific Mortality by Race, Stroke, 2007-2009¹



¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

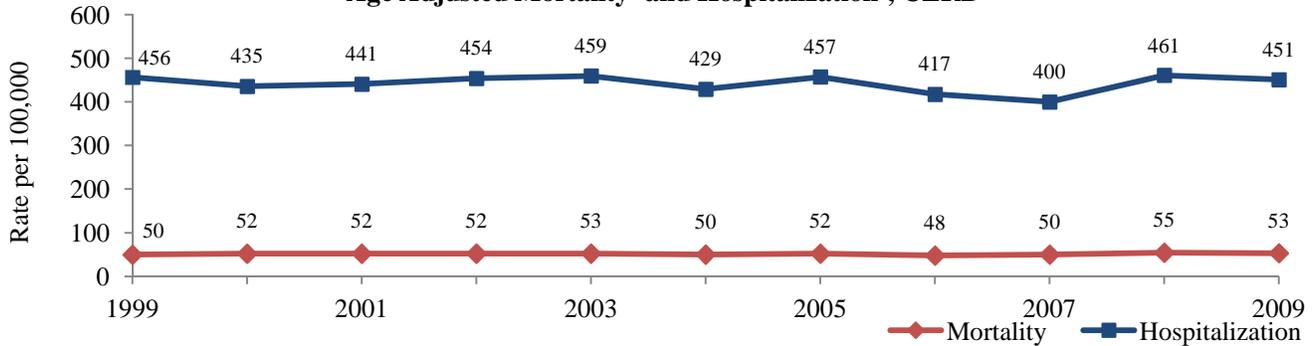
²Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

³Data Source: Tennessee Behavioral Risk Factor Surveillance System (BRFSS). Statistics are for 18+ unless indicated otherwise.

⁴2009 data, NH white and NH black race groups.

CLRD¹

Age Adjusted Mortality² and Hospitalization³, CLRD



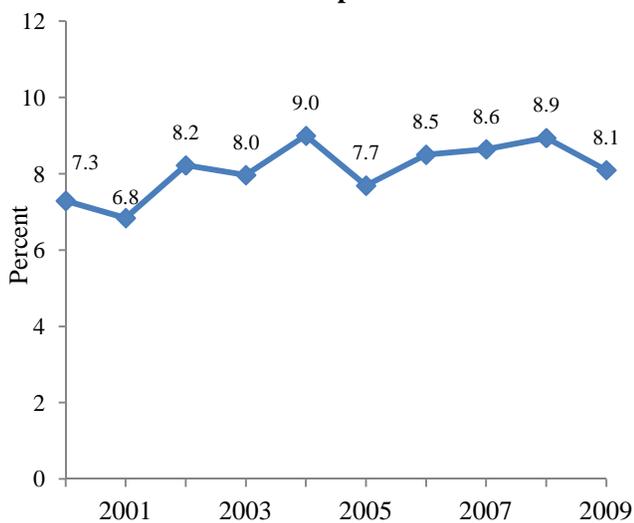
Chronic Lower Respiratory Disease Mortality² and Hospitalization³, 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|-------|-------|-------|--------|-------|
| Mortality (per 100,000) | 52.7 | 55.2 | 33.6 | 45.6 | 65.5 |
| Hospitalization (per 100,000) | 437.5 | 402.8 | 457.6 | 481.1 | 397.4 |

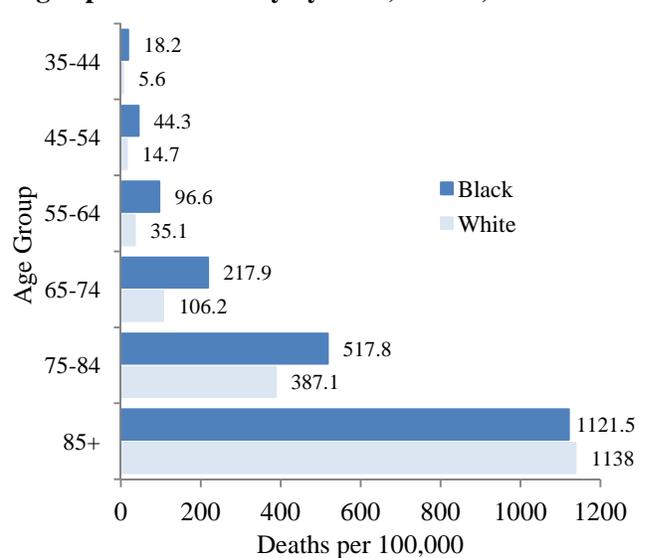
Asthma Prevalence, 2009⁴

| | Total | NH White | NH Black | Female | Male |
|---------------------------|-------|----------|----------|--------|------|
| Ever Had Asthma (%) | 11.9 | 12.8 | 9.1 | 11.9 | 11.9 |
| Currently Have Asthma (%) | 8.3 | 8.9 | 6.4 | 9.5 | 7.0 |

Prevalence of Self-Reported Current Asthma⁴



Age Specific Mortality by Race, CLRD, 2007-2009²



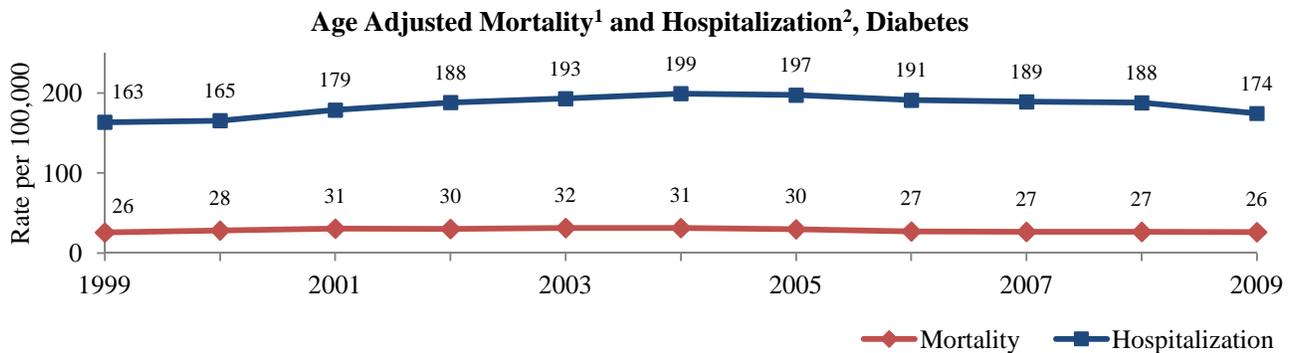
¹CLRD= Chronic Lower Respiratory Disease.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

³Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

⁴Data Source: Tennessee Behavioral Risk Factor Surveillance System (BRFSS). Statistics are for 18+ unless indicated otherwise.

Diabetes

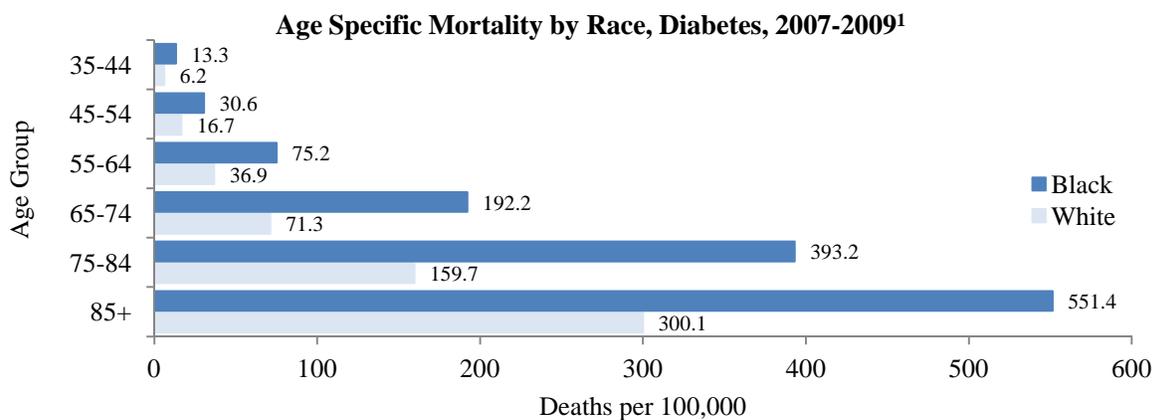


Diabetes Mortality¹ and Hospitalization², 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|-------|-------|-------|--------|-------|
| Mortality (per 100,000) | 26.5 | 23.3 | 52.7 | 23.7 | 30.2 |
| Hospitalization (per 100,000) | 183.7 | 134.2 | 409.8 | 176.7 | 192.7 |

Diabetes Prevalence³ and Diabetes Management Indicators³, 2009

| | Total | NH White | NH Black | Female | Male |
|---|-------|----------|----------|--------|------|
| Prevalence (%) | 10.3 | 10.4 | 10.3 | 10.6 | 9.9 |
| Self-Blood Glucose Monitoring at Least Once Daily (%) | 73.8 | 75.5 | 66.5 | 76.3 | 71.1 |
| Foot Examined by a Doctor in Past 12 Months (%) | 72.7 | 73.5 | 68.0 | 67.4 | 78.9 |
| Received a Dilated Eye Exam in past 12 Months (%) | 68.2 | 68.1 | 67.2 | 63.4 | 73.6 |



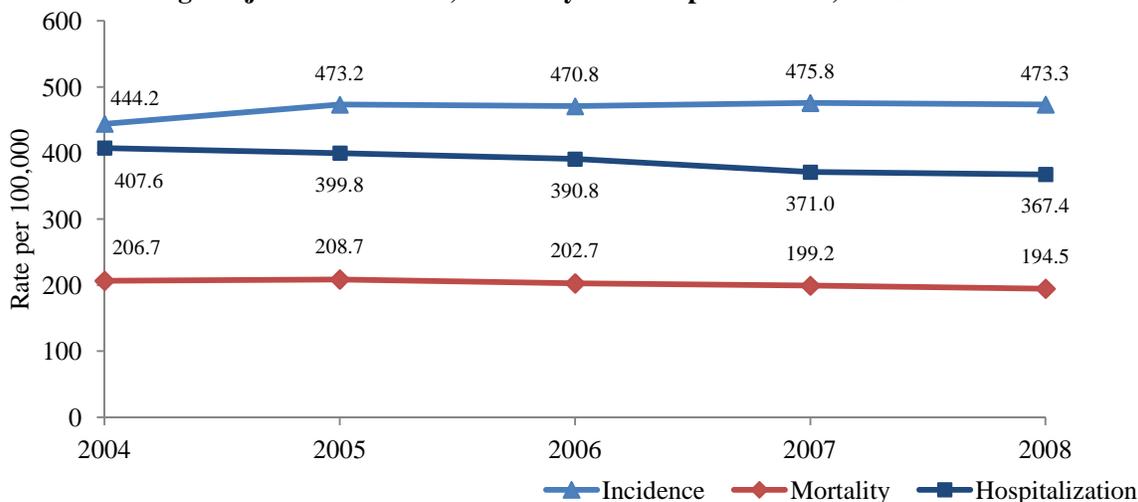
¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

²Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

³Data Source: Tennessee Behavioral Risk Factor Surveillance System (BRFSS). Statistics are for 18+ unless indicated otherwise.

Cancer

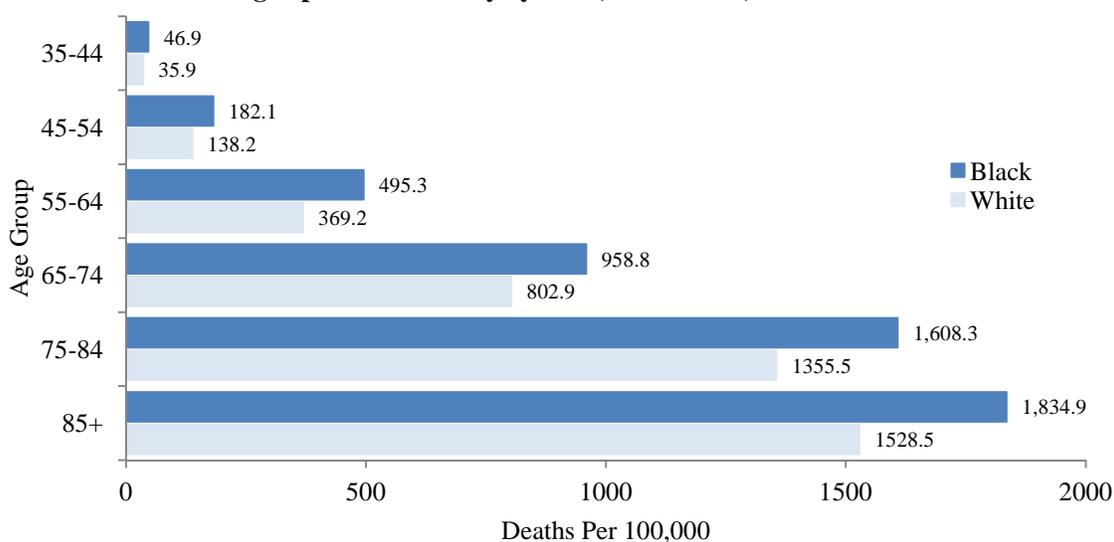
Age Adjusted Incidence¹, Mortality¹ and Hospitalization², All Cancers



Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black | Female | Male |
|-------------------------|-------|-------|-------|--------|-------|
| Incidence (per 100,000) | 467.8 | 466.6 | 468.1 | 405.3 | 559.1 |
| Mortality (per 100,000) | 202.2 | 196.9 | 249.8 | 163.3 | 260.5 |

Age Specific Mortality by Race, All Cancer, 2007-2009³

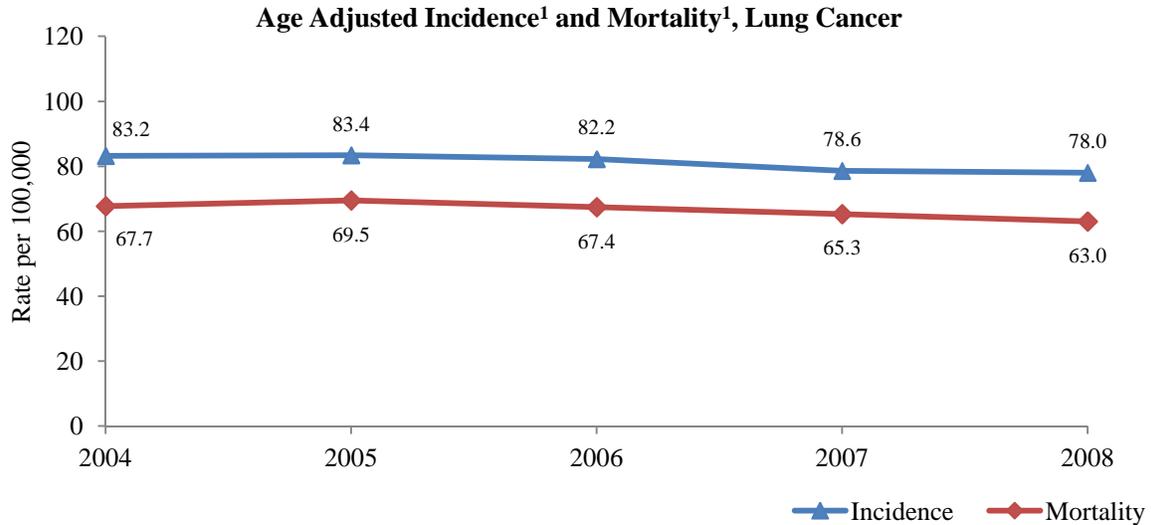


¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

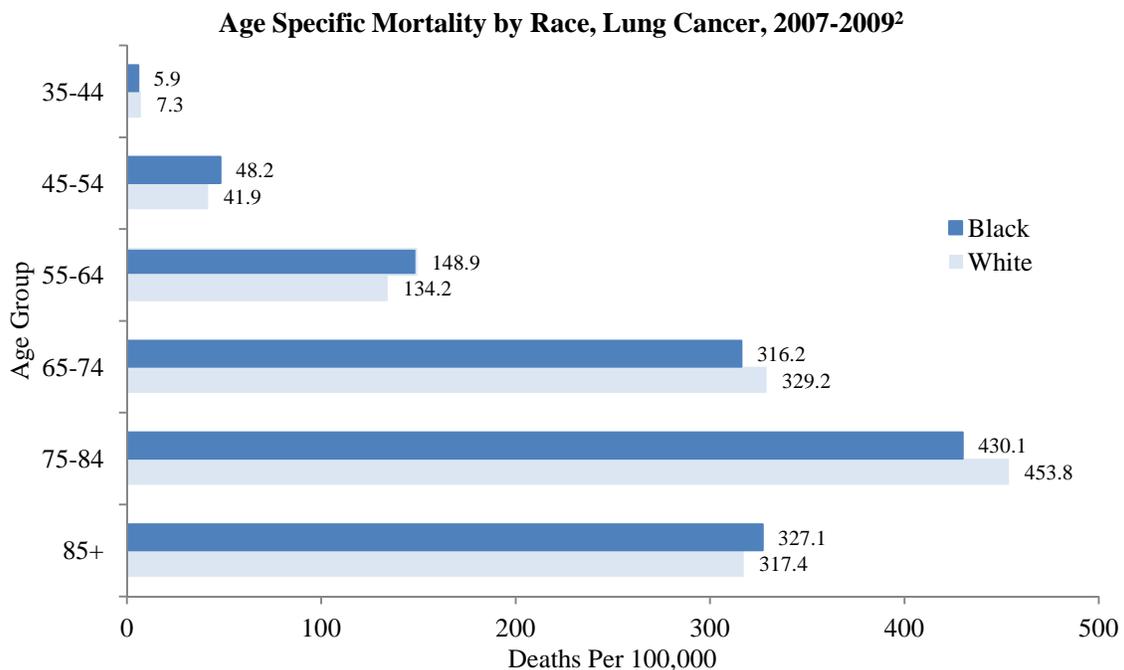
³Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

Lung Cancer



Lung Cancer Incidence¹ and Mortality¹, 2004-2008

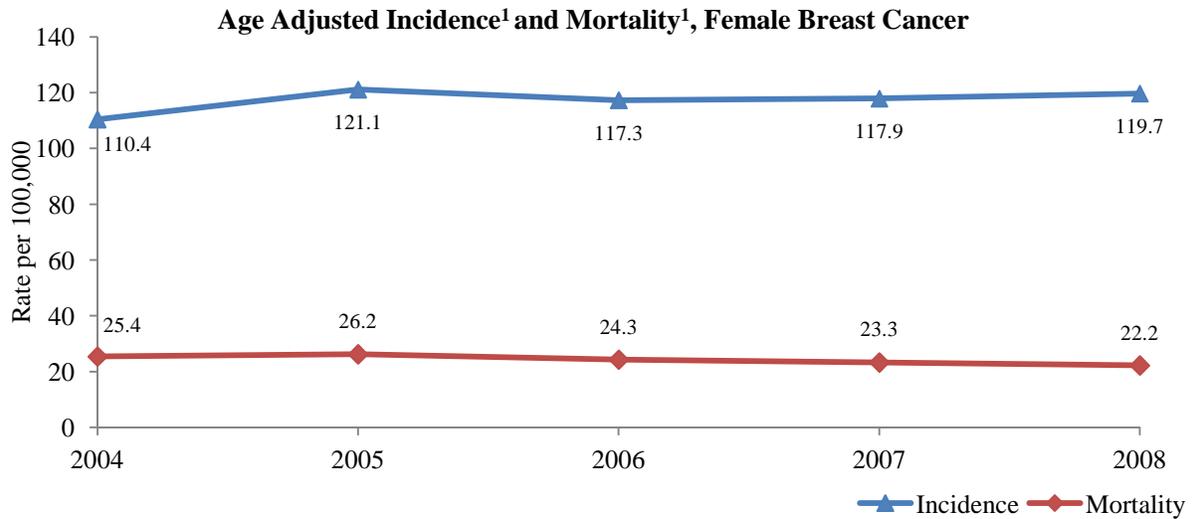
| | Total | White | Black | Female | Male |
|-------------------------|-------|-------|-------|--------|-------|
| Incidence (per 100,000) | 81.0 | 81.7 | 77.8 | 60.8 | 108.8 |
| Mortality (per 100,000) | 66.5 | 66.5 | 66.5 | 66.5 | 66.5 |



¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

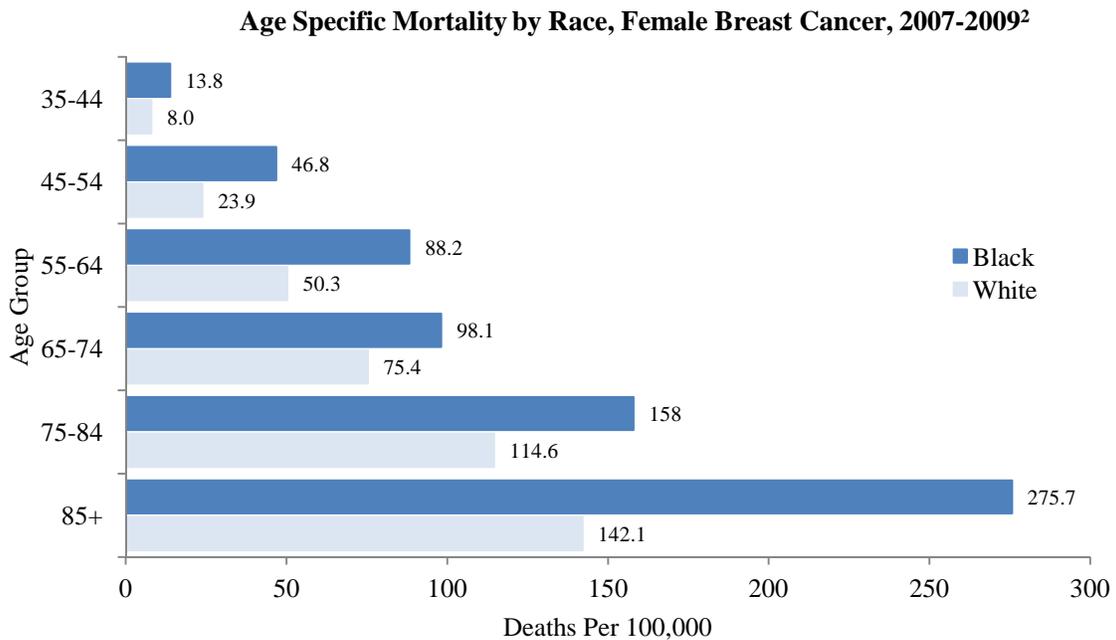
²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

Breast Cancer



Female Breast Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black |
|-------------------------|-------|-------|-------|
| Incidence (per 100,000) | 117.3 | 116.9 | 116.7 |
| Mortality (per 100,000) | 24.3 | 22.4 | 36.6 |

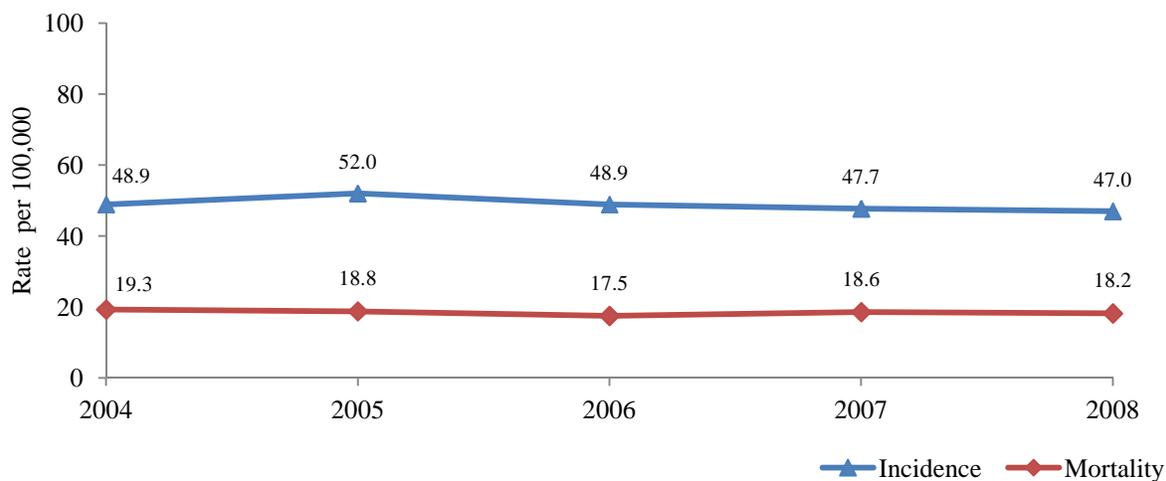


¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

Colorectal Cancer

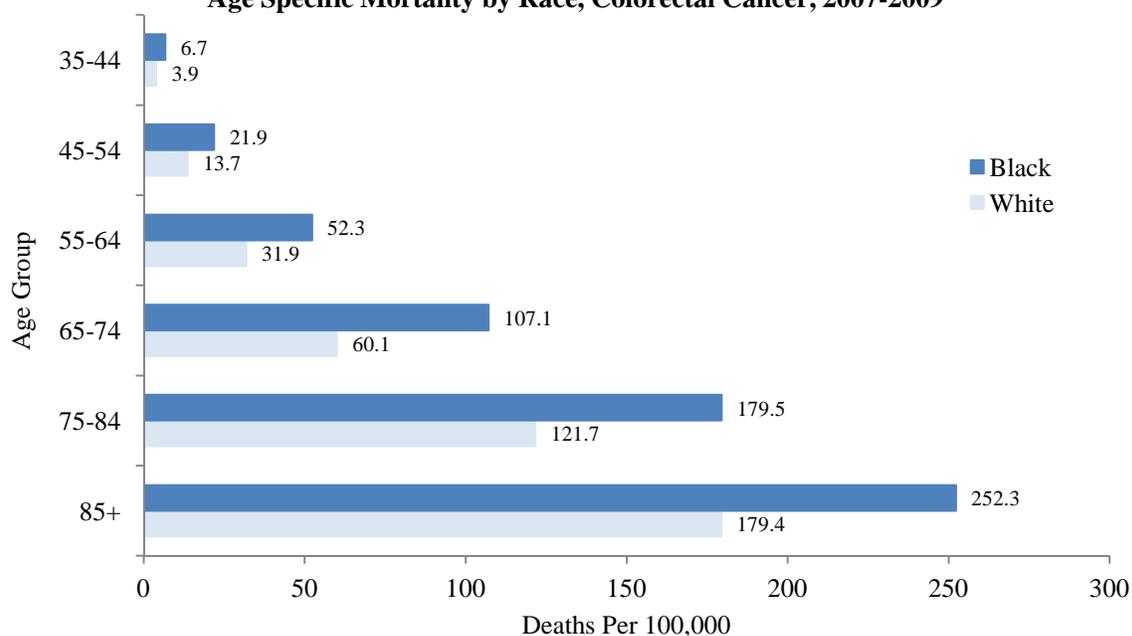
Age Adjusted Incidence¹ and Mortality¹, Colorectal Cancer



Colorectal Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black | Female | Male |
|-------------------------|-------|-------|-------|--------|------|
| Incidence (per 100,000) | 48.8 | 47.3 | 58.6 | 42.2 | 57.5 |
| Mortality (per 100,000) | 18.5 | 17.3 | 28.4 | 15.5 | 22.6 |

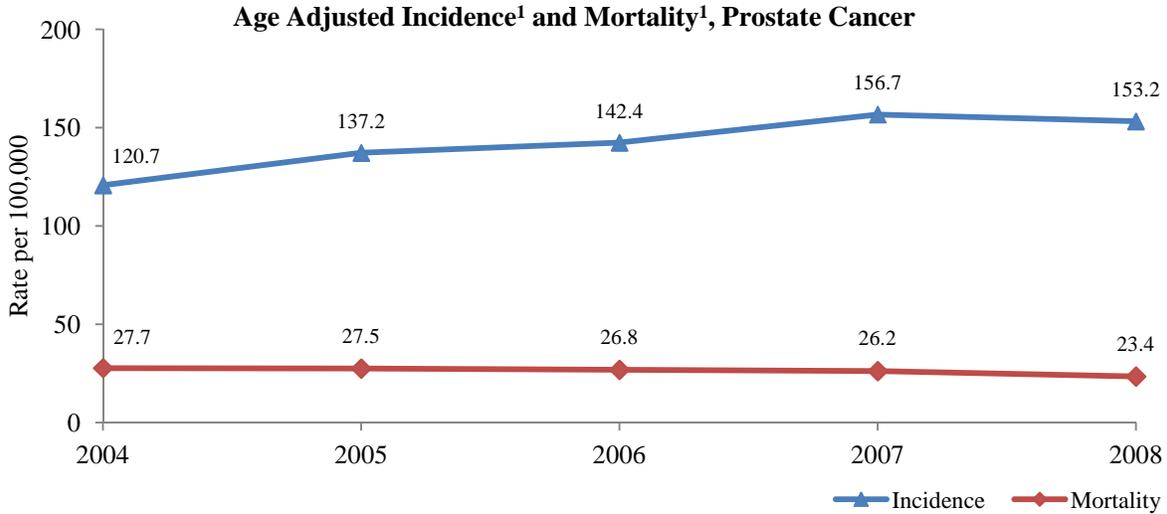
Age Specific Mortality by Race, Colorectal Cancer, 2007-2009²



¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

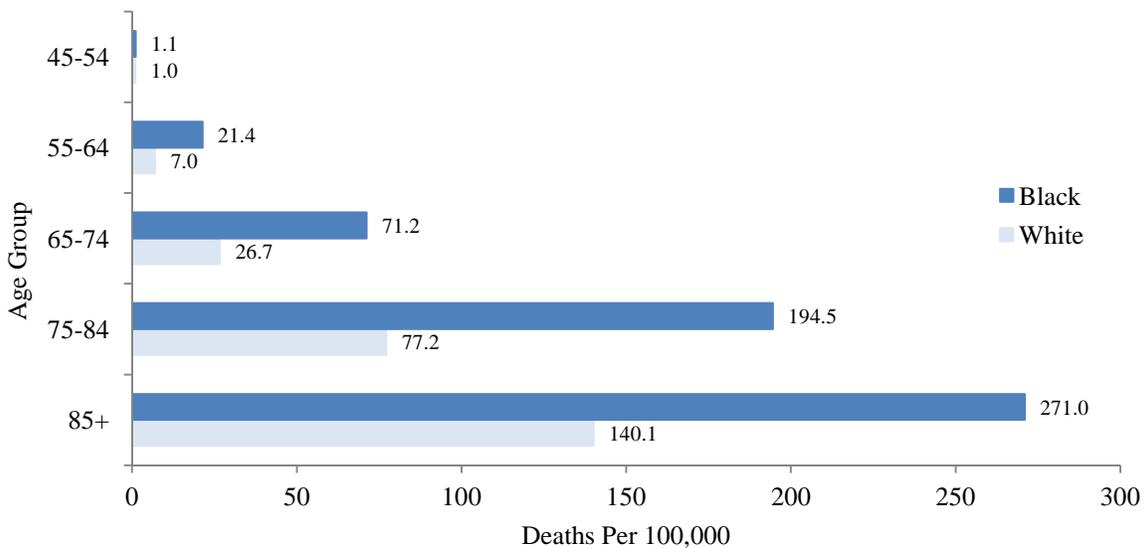
Prostate Cancer



Prostate Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black |
|-------------------------|-------|-------|-------|
| Incidence (per 100,000) | 142.5 | 134.3 | 205.7 |
| Mortality (per 100,000) | 26.2 | 22.6 | 63.1 |

Age Specific Mortality by Race, Prostate Cancer, 2007-2009²



¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

Regional Rankings of Selected Indicators, Tennessee*

| Indicator | Davidson | East | Hamilton | Knox | Madison | Mid-Cumberland | Northeast | Northwest | Shelby | South Central | Southeast | Southwest | Sullivan | Upper-Cumberland |
|--|----------|------|----------|------|---------|----------------|-----------|-----------|--------|---------------|-----------|-----------|----------|------------------|
| High School Education or Higher | 4 | 11 | 3 | 2 | 6 | 1 | 8 | 9 | 4 | 9 | 13 | 12 | 7 | 14 |
| Individuals in Poverty | 11 | 8 | 13 | 12 | 6 | 14 | 4 | 4 | 2 | 8 | 7 | 2 | 10 | 1 |
| Unemployment | 12 | 9 | 8 | 14 | 6 | 13 | 6 | 4 | 2 | 5 | 3 | 1 | 11 | 10 |
| Crime | 2 | 8 | 5 | 6 | 3 | 14 | 12 | 10 | 1 | 8 | 11 | 7 | 4 | 13 |
| Teen Pregnancy | 2 | 8 | 6 | 14 | 3 | 13 | 12 | 7 | 1 | 4 | 9 | 5 | 11 | 10 |
| Infant Mortality | 10 | 12 | 4 | 13 | 2 | 14 | 8 | 5 | 1 | 6 | 7 | 8 | 3 | 11 |
| Fair/Poor Health Status | 14 | 1 | 11 | 13 | 6 | 10 | 5 | 7 | 11 | 4 | 2 | 3 | 8 | 9 |
| Lacking Health Insurance | 9 | 3 | 14 | 13 | 8 | 11 | 10 | 4 | 12 | 5 | 2 | 6 | 7 | 1 |
| Ever Received Pneumonia Vaccination ¹ | 6 | 5 | 13 | 4 | 12 | 2 | 3 | 6 | 14 | 10 | 9 | 11 | 1 | 8 |
| Received Flu Shot in Past 12 Months ² | 10 | 5 | 13 | 2 | 8 | 9 | 3 | 4 | 7 | 11 | 14 | 12 | 1 | 6 |
| Eating <5 F&V ³ | 14 | 1 | 11 | 10 | 4 | 12 | 13 | 3 | 7 | 8 | 5 | 2 | 9 | 6 |
| Not Meeting PA ⁴ Recommendations | 13 | 1 | 9 | 14 | 5 | 8 | 4 | 6 | 11 | 12 | 2 | 3 | 7 | 10 |
| Overweight or Obese | 13 | 5 | 14 | 12 | 3 | 9 | 11 | 7 | 2 | 4 | 10 | 6 | 8 | 1 |
| Cholesterol Not Checked Within the Past 5 Years | 2 | 8 | 11 | 3 | 10 | 6 | 13 | 5 | 12 | 9 | 1 | 14 | 7 | 4 |
| Ever Told High Cholesterol | 9 | 1 | 10 | 5 | 14 | 13 | 4 | 6 | 12 | 2 | 11 | 6 | 3 | 8 |
| Ever Told High Blood Pressure | 14 | 3 | 10 | 9 | 13 | 12 | 7 | 2 | 1 | 8 | 6 | 5 | 4 | 11 |
| Current Cigarette Smoker | 7 | 2 | 11 | 13 | 12 | 9 | 5 | 1 | 14 | 3 | 4 | 8 | 10 | 5 |
| Heavy Drinking | 7 | 7 | 2 | 10 | 9 | 1 | 13 | 3 | 4 | 6 | 4 | 14 | 10 | 10 |
| Binge Drinking | 1 | 7 | 3 | 9 | 2 | 11 | 14 | 12 | 5 | 13 | 8 | 4 | 6 | 10 |
| All Cause Mortality | 9 | 8 | 13 | 12 | 14 | 11 | 7 | 1 | 6 | 4 | 3 | 2 | 10 | 5 |
| Heart Disease Mortality | 10 | 12 | 8 | 14 | 11 | 9 | 3 | 1 | 6 | 5 | 7 | 2 | 13 | 4 |
| Myocardial Infarction Prevalence | 14 | 5 | 8 | 13 | 12 | 7 | 1 | 2 | 9 | 6 | 10 | 4 | 3 | 11 |
| CHD ⁵ Prevalence | 11 | 10 | 14 | 9 | 7 | 11 | 1 | 3 | 13 | 8 | 6 | 4 | 2 | 5 |
| Stroke Mortality | 10 | 11 | 9 | 12 | 1 | 5 | 13 | 4 | 3 | 7 | 6 | 2 | 14 | 8 |
| Stroke Prevalence | 12 | 7 | 14 | 5 | 11 | 5 | 2 | 1 | 9 | 8 | 10 | 3 | 13 | 4 |
| CLRD ⁶ Mortality | 12 | 4 | 6 | 7 | 11 | 9 | 3 | 5 | 14 | 9 | 1 | 7 | 13 | 2 |
| Asthma Prevalence (Ever) | 10 | 2 | 14 | 12 | 11 | 5 | 8 | 3 | 6 | 9 | 1 | 7 | 4 | 12 |
| Asthma Prevalence (Current) | 12 | 1 | 11 | 10 | 12 | 8 | 3 | 5 | 7 | 9 | 2 | 6 | 4 | 14 |
| Diabetes Mortality | 4 | 8 | 7 | 14 | 6 | 13 | 10 | 3 | 5 | 11 | 2 | 1 | 8 | 12 |
| Diabetes Prevalence | 14 | 4 | 6 | 8 | 2 | 13 | 10 | 3 | 9 | 12 | 5 | 7 | 1 | 11 |
| Cancer Mortality | 9 | 6 | 13 | 12 | 14 | 11 | 8 | 1 | 4 | 4 | 7 | 3 | 10 | 2 |
| Cancer Incidence | 6 | 3 | 5 | 1 | 13 | 8 | 11 | 12 | 9 | 7 | 10 | 14 | 2 | 4 |
| Lung Cancer Incidence | 8 | 2 | 10 | 5 | 12 | 9 | 7 | 1 | 14 | 6 | 11 | 13 | 3 | 4 |
| Breast Cancer Incidence | 4 | 5 | 6 | 1 | 14 | 6 | 12 | 13 | 2 | 11 | 10 | 6 | 3 | 9 |
| Colorectal Cancer Incidence | 8 | 10 | 11 | 13 | 4 | 7 | 14 | 5 | 1 | 3 | 9 | 2 | 12 | 6 |
| Prostate Cancer Incidence | 6 | 5 | 3 | 2 | 11 | 8 | 14 | 13 | 1 | 12 | 10 | 4 | 9 | 7 |

*Regional rankings are in descending order, where a rank of 1 indicates the highest value for that indicator among all regions.

¹For population age 65+.

²For population age 50+.

³Fruit and vegetable.

⁴Physical Activity.

⁵Coronary heart disease.

⁶Chronic lower respiratory disease.

Data Sources:

U.S. Census Bureau, American Community Survey, 2005-2009: High School Education or Higher, Individuals in Poverty, Unemployment.

Tennessee Bureau of Investigation, "Tennessee Incident Based Reporting System (TIBRS)" 2007-2009: Crime.

Tennessee Birth Statistical System, Fetal Death Statistical System, and Induced Abortion Statistical System, 2007-2009: Teen Pregnancy.

Tennessee Death Statistical System, 2007-2009: Infant Mortality, All Cause Mortality, Heart Disease Mortality, Stroke Mortality, CLRD Mortality, Diabetes Mortality.

Tennessee Behavioral Risk Factor Surveillance System, 2009: Fair/Poor Health Status, Lacking Health Insurance, Ever Received Pneumonia Vaccination, Received Flu Shot in Past 12 Months, Eating <5 F&V, Not Meeting PA Recommendations,

Overweight or Obese, Cholesterol Not Checked Within the Past 5 Years, Ever Told High Cholesterol, Ever Told High Blood Pressure, Current Cigarette Smoker, Heavy Drinking, Binge Drinking, Myocardial Infarction Prevalence, CHD Prevalence,

Stroke Prevalence, Asthma Prevalence Ever/Current, Diabetes Prevalence.

Tennessee Cancer Registry, 2004-2008: Cancer Mortality, Cancer Incidence, Lung Cancer Incidence, Breast Cancer Incidence, Colorectal Cancer Incidence, Prostate Cancer Incidence.

County Rankings of Selected Indicators, Tennessee*

| County | High School Education and Higher | Individuals in Poverty | Unemployment | Crime | Teen Pregnancy | Infant Mortality | All Cause Mortality | Heart Disease Mortality | Stroke Mortality | CLRD ¹ Mortality | Diabetes Mortality | Cancer Mortality | Cancer Incidence | Lung Cancer Incidence | Breast Cancer Incidence | Colorectal Cancer Incidence | Prostate Cancer Incidence |
|------------------------------|----------------------------------|------------------------|--------------|-------|----------------|------------------|---------------------|-------------------------|------------------|-----------------------------|--------------------|------------------|------------------|-----------------------|-------------------------|-----------------------------|---------------------------|
| Metropolitan Counties | | | | | | | | | | | | | | | | | |
| Davidson | 9 | 70 | 76 | 3 | 5 | 44 | 76 | 70 | 63 | 74 | 35 | 74 | 34 | 60 | 31 | 57 | 15 |
| Hamilton | 7 | 77 | 57 | 9 | 41 | 29 | 87 | 67 | 55 | 56 | 50 | 84 | 31 | 70 | 37 | 67 | 9 |
| Knox | 5 | 74 | 92 | 26 | 77 | 68 | 86 | 89 | 71 | 57 | 82 | 79 | 21 | 38 | 14 | 75 | 6 |
| Madison | 14 | 48 | 51 | 2 | 10 | 17 | 88 | 71 | 20 | 72 | 43 | 73 | 54 | 76 | 52 | 37 | 44 |
| Shelby | 9 | 34 | 30 | 1 | 3 | 6 | 55 | 55 | 26 | 89 | 38 | 41 | 43 | 86 | 23 | 22 | 4 |
| Sullivan | 18 | 65 | 69 | 11 | 59 | 28 | 80 | 79 | 83 | 78 | 54 | 66 | 23 | 34 | 27 | 71 | 28 |
| East Region | | | | | | | | | | | | | | | | | |
| Anderson | 17 | 63 | 67 | 19 | 78 | 83 | 81 | 84 | 92 | 66 | 81 | 52 | 28 | 50 | 41 | 31 | 11 |
| Blount | 7 | 88 | 64 | 61 | 70 | 61 | 89 | 94 | 66 | 52 | 69 | 87 | 39 | 66 | 25 | 80 | 41 |
| Campbell | 89 | 11 | 22 | 7 | 56 | 58 | 31 | 43 | 95 | 15 | 66 | 13 | 17 | 2 | 45 | 44 | 20 |
| Claiborne | 84 | 31 | 51 | 34 | 79 | 24 | 16 | 11 | 49 | 36 | 69 | 4 | 18 | 5 | 28 | 29 | 45 |
| Cocke | 77 | 15 | 26 | 23 | 22 | 35 | 25 | 8 | 77 | 86 | 52 | 44 | 51 | 47 | 75 | 61 | 53 |
| Grainger | 93 | 55 | 55 | 71 | 61 | 85 | 24 | 41 | 62 | 27 | 45 | 6 | 8 | 14 | 34 | 43 | 18 |
| Hamblen | 43 | 65 | 48 | 17 | 6 | 61 | 49 | 64 | 40 | 22 | 7 | 31 | 45 | 31 | 76 | 79 | 48 |
| Jefferson | 48 | 49 | 48 | 49 | 44 | 24 | 30 | 66 | 34 | 47 | 9 | 34 | 7 | 26 | 20 | 56 | 24 |
| Loudon | 13 | 86 | 76 | 47 | 40 | 88 | 91 | 86 | 72 | 87 | 52 | 82 | 15 | 53 | 35 | 84 | 1 |
| Monroe | 74 | 56 | 13 | 42 | 24 | 63 | 61 | 65 | 38 | 53 | 41 | 42 | 48 | 32 | 77 | 57 | 24 |
| Morgan | 67 | 20 | 69 | 90 | 82 | 76 | 47 | 92 | 82 | 18 | 63 | 9 | 1 | 1 | 2 | 4 | 22 |
| Roane | 22 | 77 | 64 | 35 | 66 | 16 | 60 | 80 | 53 | 60 | 33 | 39 | 55 | 49 | 62 | 74 | 28 |
| Scott | 59 | 9 | 15 | 14 | 34 | 86 | 22 | 45 | 94 | 4 | 18 | 19 | 37 | 15 | 71 | 12 | 74 |
| Sevier | 27 | 83 | 87 | 12 | 15 | 36 | 84 | 50 | 87 | 95 | 88 | 86 | 20 | 43 | 37 | 50 | 13 |
| Union | 91 | 32 | 93 | 81 | 47 | 80 | 66 | 77 | 52 | 12 | 31 | 62 | 80 | 57 | 90 | 35 | 37 |
| Mid-Cumberland Region | | | | | | | | | | | | | | | | | |
| Cheatham | 16 | 92 | 78 | 48 | 79 | 91 | 72 | 56 | 43 | 64 | 85 | 76 | 53 | 28 | 48 | 64 | 54 |
| Dickson | 24 | 82 | 69 | 22 | 48 | 33 | 52 | 53 | 30 | 71 | 89 | 22 | 9 | 16 | 17 | 5 | 65 |
| Houston | 26 | 21 | 14 | 33 | 4 | 87 | 54 | 83 | 2 | 14 | 85 | 53 | 49 | 45 | 29 | 2 | 47 |
| Humphreys | 20 | 86 | 74 | 77 | 76 | 57 | 46 | 30 | 13 | 31 | 3 | 29 | 11 | 24 | 3 | 46 | 78 |
| Montgomery | 2 | 81 | 82 | 15 | 21 | 48 | 71 | 82 | 12 | 26 | 37 | 60 | 58 | 46 | 51 | 61 | 51 |
| Robertson | 32 | 91 | 69 | 53 | 11 | 58 | 33 | 14 | 8 | 81 | 32 | 26 | 47 | 68 | 48 | 37 | 40 |

| County | High School Education and Higher | Individuals in Poverty | Unemployment | Crime | Teen Pregnancy | Infant Mortality | All Cause Mortality | Heart Disease Mortality | Stroke Mortality | CLRD ¹ Mortality | Diabetes Mortality | Cancer Mortality | Cancer Incidence | Lung Cancer Incidence | Breast Cancer Incidence | Colorectal Cancer Incidence | Prostate Cancer Incidence |
|-----------------------------|----------------------------------|------------------------|--------------|-------|----------------|------------------|---------------------|-------------------------|------------------|-----------------------------|--------------------|------------------|------------------|-----------------------|-------------------------|-----------------------------|---------------------------|
| Rutherford | 4 | 90 | 78 | 28 | 63 | 65 | 90 | 72 | 63 | 61 | 76 | 83 | 52 | 74 | 47 | 80 | 19 |
| Stewart | 31 | 45 | 39 | 74 | 84 | 74 | 28 | 4 | 84 | 72 | 28 | 36 | 22 | 48 | 60 | 6 | 46 |
| Sumner | 6 | 93 | 62 | 43 | 65 | 68 | 83 | 74 | 63 | 67 | 78 | 67 | 36 | 54 | 44 | 48 | 16 |
| Trousdale | 74 | 88 | 31 | 49 | 57 | 92 | 37 | 47 | 6 | 1 | 75 | 50 | 86 | 72 | 78 | 34 | 70 |
| Williamson | 1 | 95 | 95 | 92 | 95 | 90 | 94 | 90 | 49 | 90 | 89 | 92 | 39 | 90 | 10 | 63 | 12 |
| Wilson | 3 | 94 | 94 | 37 | 90 | 73 | 79 | 60 | 23 | 80 | 68 | 71 | 71 | 79 | 56 | 55 | 69 |
| Northeast Region | | | | | | | | | | | | | | | | | |
| Carter | 50 | 21 | 46 | 72 | 73 | 13 | 68 | 46 | 70 | 50 | 45 | 55 | 89 | 72 | 86 | 89 | 94 |
| Greene | 52 | 37 | 57 | 51 | 48 | 76 | 38 | 19 | 68 | 33 | 56 | 15 | 42 | 17 | 30 | 71 | 76 |
| Hancock | 95 | 1 | 23 | 85 | 71 | 37 | 6 | 22 | 32 | 8 | 11 | 64 | 82 | 84 | 53 | . | 23 |
| Hawkins | 43 | 42 | 11 | 44 | 62 | 65 | 57 | 62 | 93 | 41 | 74 | 71 | 58 | 39 | 59 | 82 | 55 |
| Johnson | 86 | 8 | 18 | 82 | 48 | 83 | 82 | 91 | 59 | 40 | 17 | 63 | 88 | 80 | 84 | 83 | 95 |
| Unicoi | 63 | 52 | 62 | 79 | 79 | 43 | 13 | 17 | 57 | 23 | 59 | 21 | 65 | 67 | 22 | 89 | 93 |
| Washington | 11 | 69 | 78 | 27 | 86 | 20 | 77 | 54 | 78 | 77 | 71 | 78 | 46 | 61 | 21 | 64 | 62 |
| Northwest Region | | | | | | | | | | | | | | | | | |
| Benton | 41 | 46 | 21 | 59 | 30 | 92 | 2 | 2 | 27 | 28 | 42 | 25 | 30 | 9 | 58 | 76 | 34 |
| Carroll | 57 | 26 | 9 | 73 | 19 | 45 | 7 | 3 | 39 | 79 | 34 | 14 | 10 | 7 | 26 | 16 | 61 |
| Crockett | 41 | 29 | 41 | 76 | 33 | 8 | 27 | 1 | 56 | 92 | 48 | 77 | 60 | 22 | 7 | 53 | 89 |
| Dyer | 46 | 25 | 69 | 5 | 8 | 4 | 42 | 35 | 41 | 48 | 84 | 51 | 83 | 57 | 78 | 44 | 90 |
| Gibson | 35 | 37 | 31 | 32 | 43 | 38 | 17 | 38 | 13 | 75 | 15 | 15 | 37 | 25 | 40 | 32 | 49 |
| Henry | 21 | 57 | 27 | 38 | 36 | 38 | 23 | 9 | 11 | 61 | 67 | 59 | 61 | 36 | 56 | 51 | 17 |
| Lake | 92 | 5 | 3 | 83 | 1 | 27 | 1 | 25 | 81 | 3 | 4 | 1 | 72 | 10 | 46 | 59 | 68 |
| Obion | 25 | 72 | 78 | 29 | 24 | 26 | 39 | 33 | 60 | 29 | 14 | 35 | 41 | 40 | 66 | 8 | 52 |
| Weakley | 36 | 37 | 57 | 45 | 93 | 71 | 63 | 63 | 80 | 35 | 10 | 27 | 78 | 63 | 67 | 47 | 37 |
| South Central Region | | | | | | | | | | | | | | | | | |
| Bedford | 72 | 37 | 25 | 67 | 9 | 15 | 29 | 10 | 36 | 64 | 83 | 20 | 63 | 64 | 36 | 54 | 58 |
| Coffee | 28 | 58 | 51 | 18 | 26 | 51 | 56 | 68 | 19 | 58 | 80 | 28 | 19 | 40 | 63 | 26 | 10 |
| Giles | 28 | 58 | 16 | 41 | 67 | 68 | 44 | 24 | 21 | 45 | 29 | 69 | 74 | 68 | 72 | 18 | 62 |
| Hickman | 69 | 50 | 68 | 65 | 20 | 7 | 62 | 93 | 89 | 53 | 72 | 32 | 33 | 8 | 15 | 41 | 67 |
| Lawrence | 55 | 58 | 48 | 13 | 46 | 76 | 64 | 68 | 88 | 46 | 29 | 46 | 14 | 13 | 16 | 40 | 26 |
| Lewis | 48 | 18 | 1 | 57 | 58 | 30 | 8 | 5 | 29 | 76 | 1 | 9 | 73 | 71 | 91 | 21 | 72 |

| County | High School Education and Higher | Individuals in Poverty | Unemployment | Crime | Teen Pregnancy | Infant Mortality | All Cause Mortality | Heart Disease Mortality | Stroke Mortality | CLRD ¹ Mortality | Diabetes Mortality | Cancer Mortality | Cancer Incidence | Lung Cancer Incidence | Breast Cancer Incidence | Colorectal Cancer Incidence | Prostate Cancer Incidence |
|--------------------------------|----------------------------------|------------------------|--------------|-------|----------------|------------------|---------------------|-------------------------|------------------|-----------------------------|--------------------|------------------|------------------|-----------------------|-------------------------|-----------------------------|---------------------------|
| Lincoln | 33 | 76 | 82 | 38 | 32 | 31 | 51 | 20 | 37 | 94 | 87 | 56 | 70 | 78 | 42 | 19 | 83 |
| Marshall | 33 | 46 | 38 | 64 | 16 | 4 | 40 | 28 | 46 | 63 | 91 | 37 | 13 | 42 | 11 | 7 | 35 |
| Maury | 14 | 85 | 61 | 8 | 28 | 33 | 59 | 81 | 35 | 59 | 48 | 68 | 27 | 37 | 12 | 51 | 27 |
| Moore | 19 | 83 | 90 | 86 | 94 | 92 | 95 | 95 | 54 | 84 | 23 | 95 | 95 | 94 | . | 94 | 64 |
| Perry | 62 | 13 | 66 | 68 | 87 | 19 | 69 | 57 | 51 | 49 | 57 | 11 | 15 | 20 | 64 | 1 | 21 |
| Wayne | 65 | 63 | 7 | 84 | 92 | 79 | 53 | 21 | 43 | 43 | 61 | 32 | 75 | 34 | 54 | 25 | 85 |
| Southeast Region | | | | | | | | | | | | | | | | | |
| Bledsoe | 88 | 14 | 11 | 94 | 18 | 17 | 48 | 29 | 5 | 30 | 93 | 94 | 91 | 80 | 70 | 88 | 73 |
| Bradley | 30 | 72 | 43 | 21 | 52 | 71 | 78 | 61 | 73 | 68 | 35 | 80 | 81 | 92 | 50 | 73 | 87 |
| Franklin | 36 | 80 | 46 | 54 | 88 | 40 | 70 | 78 | 17 | 38 | 39 | 80 | 57 | 77 | 68 | 11 | 36 |
| Grundy | 94 | 2 | 45 | 69 | 83 | 9 | 3 | 27 | 48 | 5 | 45 | 47 | 29 | 30 | 9 | 26 | 50 |
| Marion | 61 | 68 | 43 | 58 | 53 | 20 | 20 | 49 | 28 | 13 | 20 | 3 | 44 | 27 | 24 | 76 | 57 |
| McMinn | 39 | 50 | 51 | 6 | 54 | 47 | 43 | 88 | 23 | 42 | 12 | 56 | 77 | 87 | 73 | 69 | 71 |
| Meigs | 60 | 11 | 23 | 36 | 42 | 48 | 14 | 51 | 16 | 18 | 44 | 93 | 4 | 11 | 8 | 42 | 28 |
| Polk | 76 | 54 | 28 | 46 | 17 | 11 | 65 | 58 | 86 | 38 | 8 | 18 | 35 | 18 | 68 | 59 | 86 |
| Rhea | 66 | 30 | 5 | 56 | 7 | 14 | 18 | 39 | 25 | 20 | 16 | 43 | 2 | 4 | 1 | 15 | 42 |
| Sequatchie | 52 | 23 | 55 | 70 | 27 | 11 | 36 | 76 | 47 | 16 | 73 | 24 | 66 | 85 | 81 | 86 | 59 |
| Southwest Region | | | | | | | | | | | | | | | | | |
| Chester | 54 | 71 | 34 | 62 | 91 | 31 | 85 | 36 | 57 | 90 | 6 | 90 | 92 | 93 | 18 | 92 | 88 |
| Decatur | 87 | 44 | 74 | 74 | 14 | 3 | 9 | 23 | 15 | 69 | 24 | 49 | 79 | 19 | 83 | 39 | 91 |
| Fayette | 23 | 77 | 18 | 66 | 51 | 74 | 67 | 37 | 66 | 51 | 2 | 70 | 94 | 95 | 93 | 91 | 75 |
| Hardeman | 90 | 34 | 16 | 40 | 22 | 80 | 73 | 52 | 69 | 83 | 5 | 65 | 64 | 75 | 61 | 48 | 33 |
| Hardin | 68 | 24 | 28 | 10 | 38 | 67 | 41 | 26 | 4 | 88 | 61 | 38 | 84 | 44 | 80 | 85 | 92 |
| Haywood | 63 | 4 | 2 | 4 | 13 | 1 | 26 | 6 | 22 | 93 | 19 | 23 | 85 | 88 | 87 | 20 | 14 |
| Henderson | 39 | 62 | 20 | 20 | 45 | 58 | 35 | 13 | 1 | 85 | 27 | 60 | 67 | 62 | 13 | 9 | 60 |
| Lauderdale | 82 | 7 | 4 | 16 | 2 | 9 | 34 | 15 | 75 | 44 | 25 | 7 | 62 | 65 | 88 | 13 | 32 |
| McNairy | 45 | 27 | 8 | 63 | 38 | 41 | 11 | 12 | 10 | 16 | 64 | 48 | 32 | 56 | 5 | 3 | 80 |
| Tipton | 12 | 53 | 31 | 25 | 54 | 48 | 32 | 32 | 74 | 24 | 64 | 12 | 50 | 57 | 55 | 24 | 8 |
| Upper-Cumberland Region | | | | | | | | | | | | | | | | | |
| Cannon | 51 | 75 | 84 | 89 | 85 | 89 | 75 | 84 | 43 | 32 | 58 | 89 | 68 | 89 | 89 | 36 | 56 |
| Clay | 83 | 43 | 9 | 87 | 68 | 53 | 45 | 40 | 60 | 24 | 94 | 58 | 90 | 91 | 94 | 87 | 77 |

| County | High School Education and Higher | Individuals in Poverty | Unemployment | Crime | Teen Pregnancy | Infant Mortality | All Cause Mortality | Heart Disease Mortality | Stroke Mortality | CLRD ¹ Mortality | Diabetes Mortality | Cancer Mortality | Cancer Incidence | Lung Cancer Incidence | Breast Cancer Incidence | Colorectal Cancer Incidence | Prostate Cancer Incidence |
|------------|----------------------------------|------------------------|--------------|-------|----------------|------------------|---------------------|-------------------------|------------------|-----------------------------|--------------------|------------------|------------------|-----------------------|-------------------------|-----------------------------|---------------------------|
| Cumberland | 38 | 58 | 34 | 29 | 29 | 55 | 92 | 75 | 90 | 82 | 92 | 91 | 26 | 82 | 32 | 78 | 7 |
| Dekalb | 69 | 6 | 5 | 31 | 35 | 22 | 12 | 44 | 7 | 21 | 55 | 45 | 55 | 28 | 33 | 23 | 79 |
| Fentress | 79 | 3 | 39 | 52 | 69 | 23 | 10 | 16 | 85 | 11 | 21 | 8 | 6 | 3 | 65 | 10 | 5 |
| Jackson | 79 | 10 | 34 | 88 | 74 | 92 | 5 | 7 | 9 | 9 | 50 | 75 | 87 | 55 | 82 | 66 | 81 |
| Macon | 77 | 15 | 34 | 80 | 12 | 54 | 4 | 18 | 33 | 7 | 77 | 2 | 24 | 22 | 6 | 13 | 43 |
| Overton | 79 | 32 | 85 | 78 | 71 | 80 | 21 | 31 | 18 | 10 | 25 | 17 | 76 | 33 | 92 | 69 | 81 |
| Pickett | 56 | 17 | 89 | 95 | 89 | 2 | 58 | 48 | 91 | 2 | 95 | 88 | 12 | 6 | 85 | 68 | 31 |
| Putnam | 57 | 19 | 87 | 24 | 75 | 51 | 74 | 59 | 79 | 55 | 60 | 54 | 3 | 21 | 4 | 32 | 3 |
| Smith | 46 | 65 | 86 | 91 | 63 | 46 | 15 | 73 | 3 | 6 | 13 | 5 | 69 | 52 | 74 | 30 | 66 |
| Van Buren | 84 | 28 | 90 | 93 | 60 | 64 | 93 | 87 | 75 | 34 | 40 | 85 | 93 | 83 | 43 | 93 | 84 |
| Warren | 73 | 41 | 60 | 59 | 37 | 55 | 50 | 34 | 42 | 70 | 79 | 30 | 25 | 51 | 39 | 17 | 39 |
| White | 71 | 34 | 41 | 55 | 31 | 41 | 19 | 41 | 31 | 37 | 21 | 40 | 5 | 12 | 18 | 26 | 2 |

*County rankings are in descending order, where a rank of 1 indicates the highest value for that indicator among all counties.

¹Chronic lower respiratory disease.

Data Sources:

U.S. Census Bureau, American Community Survey, 2005-2009: High School Education or Higher, Individuals in Poverty, Unemployment.

Tennessee Bureau of Investigation, "Tennessee Incident Based Reporting System (TIBRS)" 2007-2009: Crime.

Tennessee Birth Statistical System, Fetal Death Statistical System, and Induced Abortion Statistical System, 2007-2009: Teen Pregnancy.

Tennessee Death Statistical System, 2007-2009: Infant Mortality, All Cause Mortality, Heart Disease Mortality, Stroke Mortality, CLRD Mortality, Diabetes Mortality.

Tennessee Cancer Registry, 2004-2008: Cancer Mortality, Cancer Incidence, Lung Cancer Incidence, Breast Cancer Incidence, Colorectal Cancer Incidence, Prostate Cancer Incidence.

County Rankings of Selected Indicators by Rural Region, Tennessee*

| County | High School Education and Higher | Individuals in Poverty | Unemployment | Crime | Teen Pregnancy | Infant Mortality | All Cause Mortality | Heart Disease Mortality | Stroke Mortality | CLRD ¹ Mortality | Diabetes Mortality | Cancer Mortality | Cancer Incidence | Lung Cancer Incidence | Breast Cancer Incidence | Colorectal Cancer Incidence | Prostate Cancer Incidence |
|------------------------------|----------------------------------|------------------------|--------------|-------|----------------|------------------|---------------------|-------------------------|------------------|-----------------------------|--------------------|------------------|------------------|-----------------------|-------------------------|-----------------------------|---------------------------|
| East Region | | | | | | | | | | | | | | | | | |
| Anderson | 3 | 10 | 11 | 5 | 13 | 12 | 12 | 12 | 13 | 12 | 14 | 11 | 8 | 12 | 8 | 4 | 2 |
| Blount | 1 | 15 | 9 | 12 | 12 | 7 | 14 | 15 | 8 | 9 | 12 | 15 | 10 | 15 | 3 | 14 | 11 |
| Campbell | 13 | 2 | 3 | 1 | 9 | 6 | 6 | 4 | 15 | 3 | 11 | 4 | 5 | 2 | 9 | 7 | 5 |
| Claiborne | 12 | 5 | 7 | 7 | 14 | 2 | 1 | 2 | 4 | 7 | 12 | 1 | 6 | 3 | 4 | 3 | 12 |
| Cocke | 11 | 3 | 4 | 6 | 3 | 4 | 4 | 1 | 10 | 13 | 8 | 10 | 13 | 10 | 12 | 11 | 14 |
| Grainger | 15 | 8 | 8 | 13 | 10 | 13 | 3 | 3 | 7 | 6 | 7 | 2 | 3 | 4 | 5 | 6 | 4 |
| Hamblen | 6 | 11 | 5 | 4 | 1 | 7 | 8 | 7 | 3 | 5 | 1 | 6 | 11 | 7 | 13 | 13 | 13 |
| Jefferson | 7 | 7 | 5 | 11 | 7 | 2 | 5 | 9 | 1 | 8 | 2 | 7 | 2 | 6 | 2 | 9 | 7 |
| Loudon | 2 | 14 | 13 | 10 | 6 | 15 | 15 | 13 | 9 | 14 | 8 | 13 | 4 | 13 | 6 | 15 | 1 |
| Monroe | 10 | 9 | 1 | 9 | 4 | 9 | 10 | 8 | 2 | 10 | 6 | 9 | 12 | 8 | 14 | 10 | 7 |
| Morgan | 9 | 4 | 12 | 15 | 15 | 10 | 7 | 14 | 11 | 4 | 10 | 3 | 1 | 1 | 1 | 1 | 6 |
| Roane | 4 | 12 | 9 | 8 | 11 | 1 | 9 | 11 | 6 | 11 | 5 | 8 | 14 | 11 | 10 | 12 | 9 |
| Scott | 8 | 1 | 2 | 3 | 5 | 14 | 2 | 5 | 14 | 1 | 3 | 5 | 9 | 5 | 11 | 2 | 15 |
| Sevier | 5 | 13 | 14 | 2 | 2 | 5 | 13 | 6 | 12 | 15 | 15 | 14 | 7 | 9 | 7 | 8 | 3 |
| Union | 14 | 6 | 15 | 14 | 8 | 11 | 11 | 10 | 5 | 2 | 4 | 12 | 15 | 14 | 15 | 5 | 10 |
| Mid-Cumberland Region | | | | | | | | | | | | | | | | | |
| Cheatham | 6 | 9 | 8 | 7 | 9 | 11 | 8 | 6 | 8 | 6 | 9 | 10 | 9 | 3 | 7 | 11 | 8 |
| Dickson | 8 | 4 | 5 | 2 | 4 | 1 | 5 | 5 | 7 | 8 | 11 | 1 | 1 | 1 | 3 | 2 | 9 |
| Houston | 9 | 1 | 1 | 4 | 1 | 9 | 6 | 11 | 1 | 2 | 9 | 6 | 7 | 4 | 4 | 1 | 6 |
| Humphreys | 7 | 5 | 7 | 11 | 8 | 3 | 4 | 3 | 5 | 4 | 1 | 3 | 2 | 2 | 1 | 6 | 12 |
| Montgomery | 2 | 3 | 10 | 1 | 3 | 2 | 7 | 10 | 4 | 3 | 4 | 7 | 10 | 5 | 9 | 9 | 7 |
| Robertson | 11 | 8 | 5 | 9 | 2 | 4 | 2 | 2 | 3 | 11 | 3 | 2 | 6 | 8 | 7 | 5 | 4 |
| Rutherford | 4 | 7 | 8 | 3 | 6 | 5 | 11 | 8 | 10 | 5 | 7 | 11 | 8 | 10 | 6 | 12 | 3 |
| Stewart | 10 | 2 | 3 | 10 | 10 | 8 | 1 | 1 | 12 | 9 | 2 | 4 | 3 | 6 | 11 | 3 | 5 |
| Sumner | 5 | 10 | 4 | 6 | 7 | 6 | 10 | 9 | 10 | 7 | 8 | 8 | 4 | 7 | 5 | 7 | 2 |
| Trousdale | 12 | 6 | 2 | 8 | 5 | 12 | 3 | 4 | 2 | 1 | 6 | 5 | 12 | 9 | 12 | 4 | 11 |
| Williamson | 1 | 12 | 12 | 12 | 12 | 10 | 12 | 12 | 9 | 12 | 11 | 12 | 5 | 12 | 2 | 10 | 1 |
| Wilson | 3 | 11 | 11 | 5 | 11 | 7 | 9 | 7 | 6 | 10 | 5 | 9 | 11 | 11 | 10 | 8 | 10 |
| Northeast Region | | | | | | | | | | | | | | | | | |
| Carter | 3 | 3 | 4 | 4 | 5 | 1 | 5 | 4 | 5 | 6 | 3 | 3 | 7 | 5 | 7 | 5 | 6 |

| County | High School Education and Higher | Individuals in Poverty | Unemployment | Crime | Teen Pregnancy | Infant Mortality | All Cause Mortality | Heart Disease Mortality | Stroke Mortality | CLRD ¹ Mortality | Diabetes Mortality | Cancer Mortality | Cancer Incidence | Lung Cancer Incidence | Breast Cancer Incidence | Colorectal Cancer Incidence | Prostate Cancer Incidence |
|----------------------|----------------------------------|------------------------|--------------|-------|----------------|------------------|---------------------|-------------------------|------------------|-----------------------------|--------------------|------------------|------------------|-----------------------|-------------------------|-----------------------------|---------------------------|
| Greene | 4 | 4 | 5 | 3 | 1 | 6 | 3 | 2 | 4 | 3 | 4 | 1 | 1 | 1 | 3 | 2 | 4 |
| Hancock | 7 | 1 | 3 | 7 | 4 | 3 | 1 | 3 | 1 | 1 | 1 | 5 | 5 | 7 | 4 | . | 1 |
| Hawkins | 2 | 5 | 1 | 2 | 3 | 5 | 4 | 6 | 7 | 5 | 7 | 6 | 3 | 2 | 5 | 3 | 2 |
| Johnson | 6 | 2 | 2 | 6 | 1 | 7 | 7 | 7 | 3 | 4 | 2 | 4 | 6 | 6 | 6 | 4 | 7 |
| Unicoi | 5 | 6 | 6 | 5 | 6 | 4 | 2 | 1 | 2 | 2 | 5 | 2 | 4 | 4 | 2 | 5 | 5 |
| Washington | 1 | 7 | 7 | 1 | 7 | 2 | 6 | 5 | 6 | 7 | 6 | 7 | 2 | 3 | 1 | 1 | 3 |
| Northwest Region | | | | | | | | | | | | | | | | | |
| Benton | 5 | 7 | 3 | 6 | 5 | 9 | 2 | 2 | 3 | 2 | 6 | 4 | 2 | 2 | 6 | 9 | 2 |
| Carroll | 8 | 3 | 2 | 7 | 3 | 7 | 3 | 3 | 4 | 8 | 5 | 2 | 1 | 1 | 2 | 2 | 6 |
| Crockett | 5 | 4 | 6 | 8 | 6 | 2 | 6 | 1 | 6 | 9 | 7 | 9 | 5 | 4 | 1 | 7 | 8 |
| Dyer | 7 | 2 | 8 | 1 | 2 | 1 | 8 | 7 | 5 | 5 | 9 | 7 | 9 | 8 | 9 | 4 | 9 |
| Gibson | 3 | 5 | 5 | 3 | 8 | 5 | 4 | 8 | 2 | 7 | 4 | 3 | 3 | 5 | 3 | 3 | 4 |
| Henry | 1 | 8 | 4 | 4 | 7 | 5 | 5 | 4 | 1 | 6 | 8 | 8 | 6 | 6 | 5 | 6 | 1 |
| Lake | 9 | 1 | 1 | 9 | 1 | 4 | 1 | 5 | 9 | 1 | 1 | 1 | 7 | 3 | 4 | 8 | 7 |
| Obion | 2 | 9 | 9 | 2 | 4 | 3 | 7 | 6 | 7 | 3 | 3 | 6 | 4 | 7 | 7 | 1 | 5 |
| Weakley | 4 | 5 | 7 | 5 | 9 | 8 | 9 | 9 | 8 | 4 | 2 | 5 | 8 | 9 | 8 | 5 | 3 |
| South Central Region | | | | | | | | | | | | | | | | | |
| Bedford | 12 | 3 | 4 | 9 | 1 | 3 | 2 | 2 | 5 | 9 | 10 | 3 | 7 | 8 | 5 | 11 | 6 |
| Coffee | 3 | 6 | 7 | 3 | 4 | 8 | 7 | 8 | 1 | 6 | 9 | 4 | 4 | 6 | 8 | 7 | 1 |
| Giles | 3 | 6 | 3 | 5 | 9 | 9 | 4 | 5 | 2 | 2 | 3 | 11 | 10 | 9 | 10 | 3 | 7 |
| Hickman | 11 | 5 | 10 | 8 | 3 | 2 | 9 | 11 | 12 | 5 | 8 | 5 | 6 | 1 | 3 | 9 | 9 |
| Lawrence | 8 | 6 | 6 | 2 | 7 | 10 | 10 | 8 | 11 | 3 | 3 | 8 | 2 | 2 | 4 | 8 | 3 |
| Lewis | 7 | 2 | 1 | 6 | 8 | 5 | 1 | 1 | 3 | 10 | 1 | 1 | 9 | 10 | 11 | 5 | 10 |
| Lincoln | 5 | 10 | 11 | 4 | 6 | 6 | 5 | 3 | 6 | 12 | 11 | 9 | 8 | 11 | 6 | 4 | 11 |
| Marshall | 5 | 4 | 5 | 7 | 2 | 1 | 3 | 6 | 8 | 8 | 12 | 7 | 1 | 7 | 1 | 2 | 5 |
| Maury | 1 | 12 | 8 | 1 | 5 | 7 | 8 | 10 | 4 | 7 | 5 | 10 | 5 | 5 | 2 | 10 | 4 |
| Moore | 2 | 11 | 12 | 12 | 12 | 12 | 12 | 12 | 10 | 11 | 2 | 12 | 12 | 12 | . | 12 | 8 |
| Perry | 9 | 1 | 9 | 10 | 10 | 4 | 11 | 7 | 9 | 4 | 6 | 2 | 3 | 3 | 9 | 1 | 2 |
| Wayne | 10 | 9 | 2 | 11 | 11 | 11 | 6 | 4 | 7 | 1 | 7 | 5 | 11 | 4 | 7 | 6 | 12 |
| Southeast Region | | | | | | | | | | | | | | | | | |
| Bledsoe | 9 | 3 | 2 | 10 | 3 | 5 | 7 | 2 | 1 | 6 | 10 | 10 | 10 | 7 | 8 | 10 | 8 |
| Bradley | 1 | 9 | 5 | 2 | 6 | 10 | 10 | 7 | 9 | 10 | 5 | 7 | 9 | 10 | 5 | 7 | 10 |

| County | High School Education and Higher | Individuals in Poverty | Unemployment | Crime | Teen Pregnancy | Infant Mortality | All Cause Mortality | Heart Disease Mortality | Stroke Mortality | CLRD ¹ Mortality | Diabetes Mortality | Cancer Mortality | Cancer Incidence | Lung Cancer Incidence | Breast Cancer Incidence | Colorectal Cancer Incidence | Prostate Cancer Incidence |
|--------------------------------|----------------------------------|------------------------|--------------|-------|----------------|------------------|---------------------|-------------------------|------------------|-----------------------------|--------------------|------------------|------------------|-----------------------|-------------------------|-----------------------------|---------------------------|
| Franklin | 2 | 10 | 8 | 5 | 10 | 7 | 9 | 9 | 3 | 7 | 6 | 7 | 6 | 6 | 6 | 1 | 2 |
| Grundy | 10 | 1 | 7 | 8 | 9 | 1 | 1 | 1 | 8 | 1 | 8 | 5 | 3 | 5 | 3 | 3 | 4 |
| Marion | 6 | 8 | 5 | 7 | 7 | 6 | 4 | 4 | 6 | 2 | 4 | 1 | 5 | 4 | 4 | 8 | 5 |
| McMinn | 3 | 6 | 9 | 1 | 8 | 8 | 6 | 10 | 4 | 9 | 2 | 6 | 8 | 9 | 9 | 6 | 7 |
| Meigs | 5 | 2 | 3 | 3 | 5 | 9 | 2 | 5 | 2 | 4 | 7 | 9 | 2 | 2 | 2 | 4 | 1 |
| Polk | 8 | 7 | 4 | 4 | 2 | 2 | 8 | 6 | 10 | 7 | 1 | 2 | 4 | 3 | 6 | 5 | 9 |
| Rhea | 7 | 5 | 1 | 6 | 1 | 4 | 3 | 3 | 5 | 5 | 3 | 4 | 1 | 1 | 1 | 2 | 3 |
| Sequatchie | 4 | 4 | 10 | 9 | 4 | 2 | 5 | 8 | 7 | 3 | 9 | 3 | 7 | 8 | 10 | 9 | 6 |
| Southwest Region | | | | | | | | | | | | | | | | | |
| Chester | 5 | 9 | 9 | 7 | 10 | 4 | 10 | 8 | 6 | 9 | 3 | 10 | 9 | 9 | 3 | 10 | 8 |
| Decatur | 9 | 6 | 10 | 10 | 3 | 2 | 1 | 5 | 4 | 5 | 5 | 6 | 6 | 1 | 7 | 6 | 9 |
| Fayette | 2 | 10 | 5 | 9 | 8 | 9 | 8 | 9 | 7 | 4 | 1 | 9 | 10 | 10 | 10 | 9 | 6 |
| Hardeman | 10 | 5 | 4 | 6 | 4 | 10 | 9 | 10 | 8 | 6 | 2 | 8 | 4 | 7 | 5 | 7 | 4 |
| Hardin | 7 | 3 | 7 | 2 | 5 | 8 | 7 | 6 | 2 | 8 | 8 | 4 | 7 | 2 | 6 | 8 | 10 |
| Haywood | 6 | 1 | 1 | 1 | 2 | 1 | 3 | 1 | 5 | 10 | 4 | 3 | 8 | 8 | 8 | 4 | 2 |
| Henderson | 3 | 8 | 6 | 4 | 7 | 7 | 6 | 3 | 1 | 7 | 7 | 7 | 5 | 5 | 2 | 2 | 5 |
| Lauderdale | 8 | 2 | 2 | 3 | 1 | 3 | 5 | 4 | 10 | 3 | 6 | 1 | 3 | 6 | 9 | 3 | 3 |
| McNairy | 4 | 4 | 3 | 8 | 5 | 5 | 2 | 2 | 3 | 1 | 9 | 5 | 1 | 3 | 1 | 1 | 7 |
| Tipton | 1 | 7 | 8 | 5 | 9 | 6 | 4 | 7 | 9 | 2 | 9 | 2 | 2 | 4 | 4 | 5 | 1 |
| Upper-Cumberland Region | | | | | | | | | | | | | | | | | |
| Cannon | 3 | 14 | 9 | 11 | 13 | 13 | 12 | 13 | 8 | 9 | 8 | 13 | 9 | 13 | 12 | 8 | 8 |
| Clay | 13 | 11 | 2 | 9 | 8 | 7 | 8 | 6 | 9 | 8 | 13 | 9 | 13 | 14 | 14 | 13 | 10 |
| Cumberland | 1 | 12 | 3 | 2 | 2 | 9 | 13 | 12 | 13 | 14 | 12 | 14 | 7 | 11 | 4 | 12 | 4 |
| Dekalb | 6 | 2 | 1 | 3 | 4 | 2 | 4 | 8 | 2 | 7 | 7 | 7 | 8 | 6 | 5 | 4 | 11 |
| Fentress | 10 | 1 | 6 | 4 | 9 | 3 | 3 | 2 | 12 | 6 | 2 | 3 | 3 | 1 | 8 | 1 | 3 |
| Jackson | 10 | 3 | 3 | 10 | 11 | 14 | 2 | 1 | 3 | 4 | 6 | 10 | 12 | 10 | 10 | 9 | 12 |
| Macon | 9 | 4 | 3 | 8 | 1 | 8 | 1 | 3 | 6 | 3 | 10 | 1 | 5 | 5 | 2 | 2 | 7 |
| Overton | 10 | 8 | 10 | 7 | 10 | 12 | 7 | 4 | 4 | 5 | 4 | 4 | 11 | 7 | 13 | 11 | 12 |
| Pickett | 4 | 5 | 13 | 14 | 14 | 1 | 10 | 9 | 14 | 1 | 14 | 12 | 4 | 2 | 11 | 10 | 5 |
| Putnam | 5 | 6 | 12 | 1 | 12 | 6 | 11 | 10 | 11 | 12 | 9 | 8 | 1 | 4 | 1 | 7 | 2 |
| Smith | 2 | 13 | 11 | 12 | 7 | 5 | 5 | 11 | 1 | 2 | 1 | 2 | 10 | 9 | 9 | 6 | 9 |
| Van Buren | 14 | 7 | 14 | 13 | 6 | 11 | 14 | 14 | 10 | 10 | 5 | 11 | 14 | 12 | 7 | 14 | 14 |

| County | High School Education and Higher | Individuals in Poverty | Unemployment | Crime | Teen Pregnancy | Infant Mortality | All Cause Mortality | Heart Disease Mortality | Stroke Mortality | CLRD ¹ Mortality | Diabetes Mortality | Cancer Mortality | Cancer Incidence | Lung Cancer Incidence | Breast Cancer Incidence | Colorectal Cancer Incidence | Prostate Cancer Incidence |
|--------|----------------------------------|------------------------|--------------|-------|----------------|------------------|---------------------|-------------------------|------------------|-----------------------------|--------------------|------------------|------------------|-----------------------|-------------------------|-----------------------------|---------------------------|
| Warren | 8 | 10 | 8 | 6 | 5 | 9 | 9 | 5 | 7 | 13 | 11 | 5 | 6 | 8 | 6 | 3 | 6 |
| White | 7 | 9 | 7 | 5 | 3 | 4 | 6 | 7 | 5 | 11 | 2 | 6 | 2 | 3 | 3 | 5 | 1 |

*County rankings are in descending order, where a rank of 1 indicates the highest value for that indicator among all counties.

¹Chronic lower respiratory disease.

Data Sources:

U.S. Census Bureau, American Community Survey, 2005-2009: High School Education or Higher, Individuals in Poverty, Unemployment.

Tennessee Bureau of Investigation, "Tennessee Incident Based Reporting System (TIBRS)" 2007-2009: Crime.

Tennessee Birth Statistical System, Fetal Death Statistical System, and Induced Abortion Statistical System, 2007-2009: Teen Pregnancy.

Tennessee Death Statistical System, 2007-2009: Infant Mortality, All Cause Mortality, Heart Disease Mortality, Stroke Mortality, CLRD Mortality, Diabetes Mortality.

Tennessee Cancer Registry, 2004-2008: Cancer Mortality, Cancer Incidence, Lung Cancer Incidence, Breast Cancer Incidence, Colorectal Cancer Incidence, Prostate Cancer Incidence.

Demographics

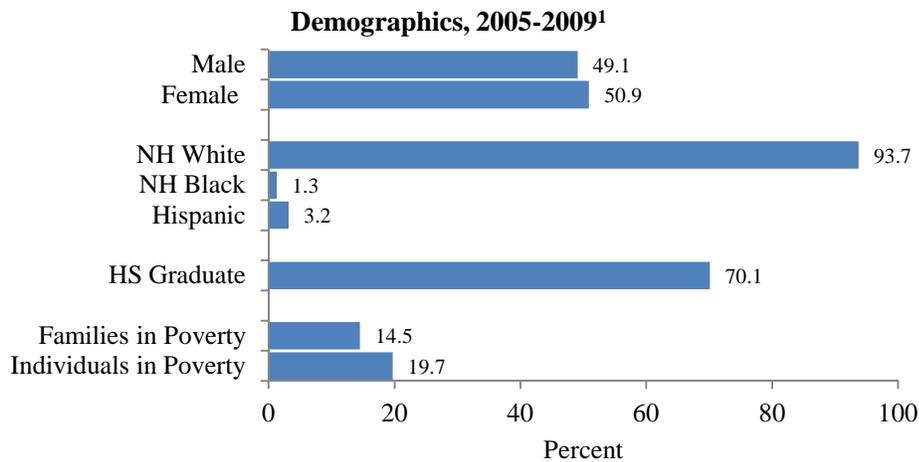


Quick Facts

| | |
|--|-----------|
| Median Age ¹ : | 40.6 |
| Median Income ¹ : | \$ 33,188 |
| Home Ownership ¹ : | 75.2% |
| Unemployment ¹ : | 7.8% |
| Crime Rate ² (per 1,000): | 63.6 |
| Teen Pregnancy Rate ³ (per 1,000) | |
| Overall: | 57.3 |
| White: | 57.3 |
| Black: | 51.4 |
| Infant Mortality ⁴ (per 1,000) | |
| Overall: | 7 |
| White: | 0.4 |
| Black: | 7.4 |
| Automobile Accident Deaths ⁴ (per 100,000): | 25.0 |

Population by Age, Gender, and Race Distribution (2005-2009)¹

| Age | Gender | | Race | | | Total |
|-------|---------|---------|--------------------|--------------------|----------|---------|
| | Female | Male | Non-Hispanic White | Non-Hispanic Black | Hispanic | |
| <18 | 2,798 | 37,228 | 66,106 | 924 | 4,202 | 40,026 |
| 18-44 | 55,084 | 57,903 | 103,865 | 1,961 | 5,324 | 112,987 |
| 45-64 | 44,976 | 42,255 | 84,187 | 1,005 | 807 | 87,231 |
| 65+ | 30,490 | 23,483 | 52,690 | 456 | 285 | 53,973 |
| Total | 133,348 | 160,869 | 306,848 | 4,346 | 10,618 | 294,217 |



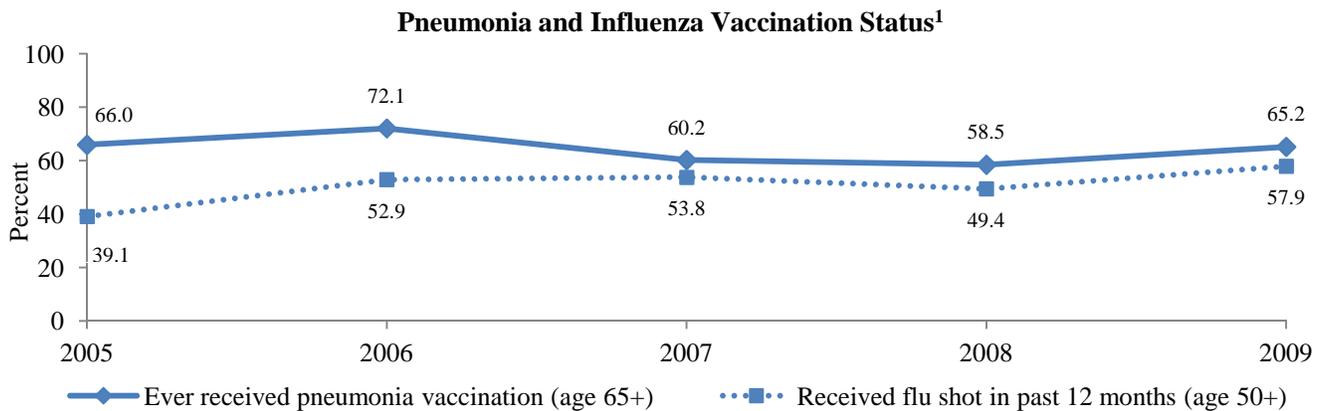
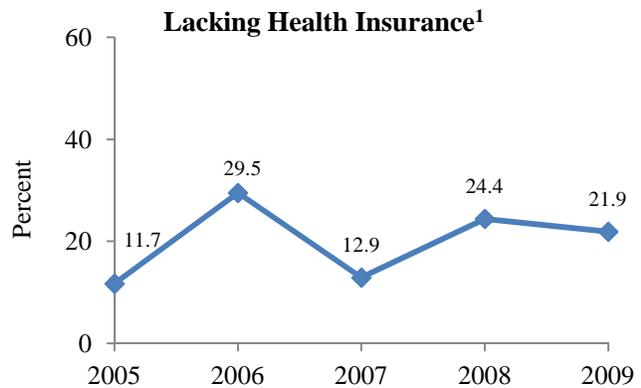
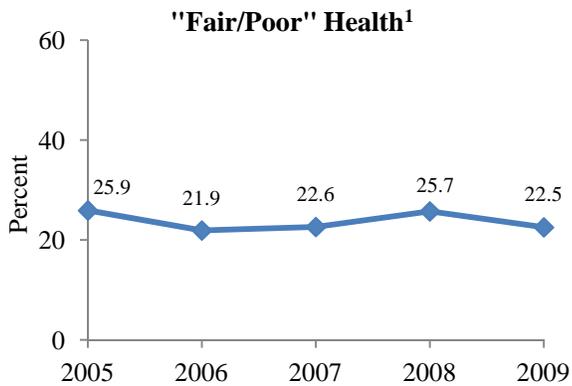
¹Data Source: U.S. Census Bureau, American Community Survey, 2005-2009.

²Data Source: Tennessee Bureau of Investigation. "Tennessee Incident Based Reporting System (TIBRS)" accessed July 26, 2011. <http://www.tennesseeonline.com/tibrpublic2005>, 2007-2009.

³Data Source: Birth Statistical System, Fetal Death Statistical System, and Induced Abortion Statistical System. Tennessee Department of Health, Division of Health Statistics, 2007-2009.

⁴Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics, 2007-2009.

General Health



Prevalence for General Health Indicators Among Adults 18+, 2009¹

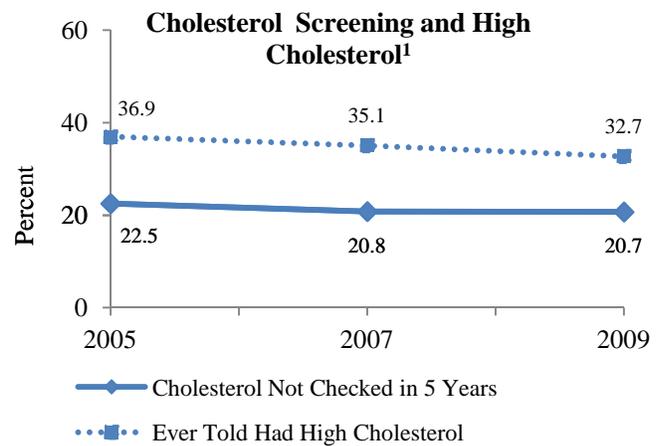
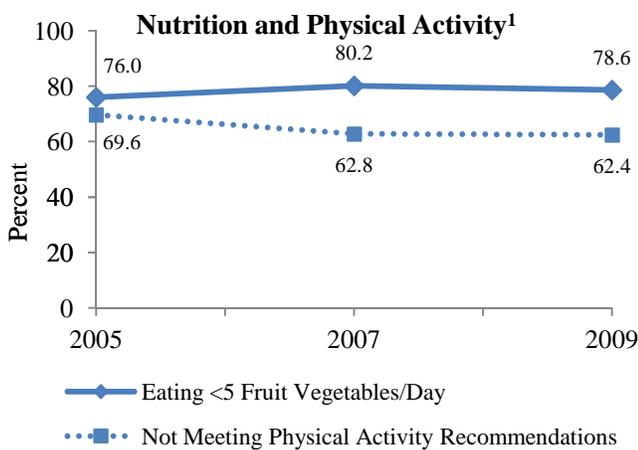
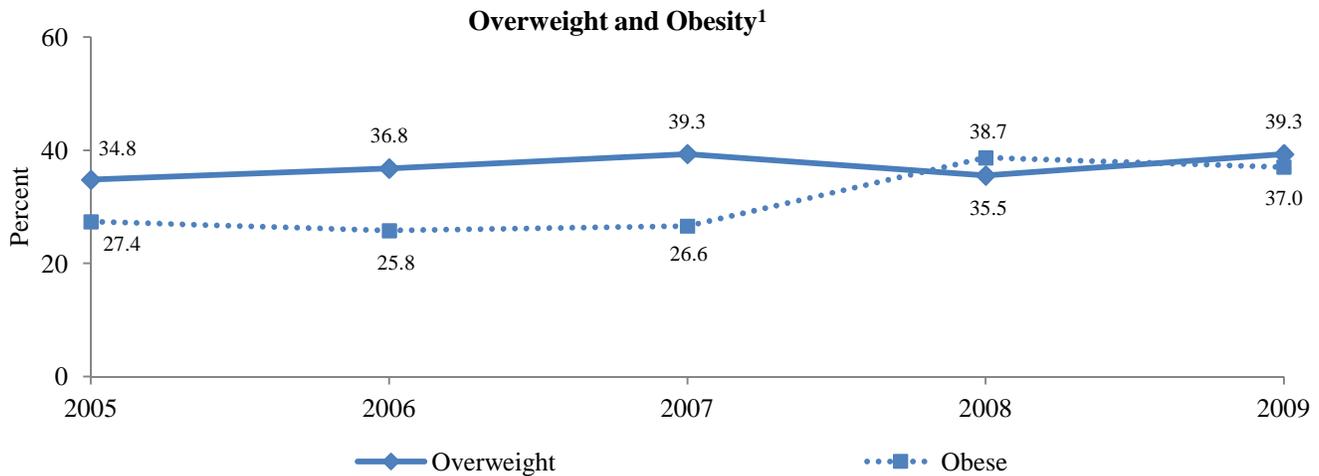
| Indicator | Total | NH White | NH Black | Female | Male |
|--|-------|----------|----------|--------|------|
| Fair/Poor Health Status (%) | 22.5 | 22.9 | 20.9 | 25.1 | 19.8 |
| Lacking Health Insurance (%) | 21.9 | 20.1 | 0.0 | 17.4 | 26.7 |
| Ever Received Pneumonia Vaccination ² (%) | 65.2 | 64.5 | 0.0 | 70.8 | 57.7 |
| Received Flu Shot in Past 12 Months ³ (%) | 57.9 | 57.7 | 64.4 | 60.0 | 55.3 |
| Mean # of Days of Poor Physical Health per Month | 14.1 | 14.7 | 30.0 | 16.1 | 11.4 |
| Mean # of Days of Poor Mental Health per Month | 13.7 | 15.2 | 0 | 15.6 | 11.1 |

¹Data Source: Tennessee Behavioral Risk Factor Surveillance System (BRFSS). Statistics are for 18+ unless indicated otherwise.

²Age 65+.

³Age 50+.

Behavioral Risk Factors

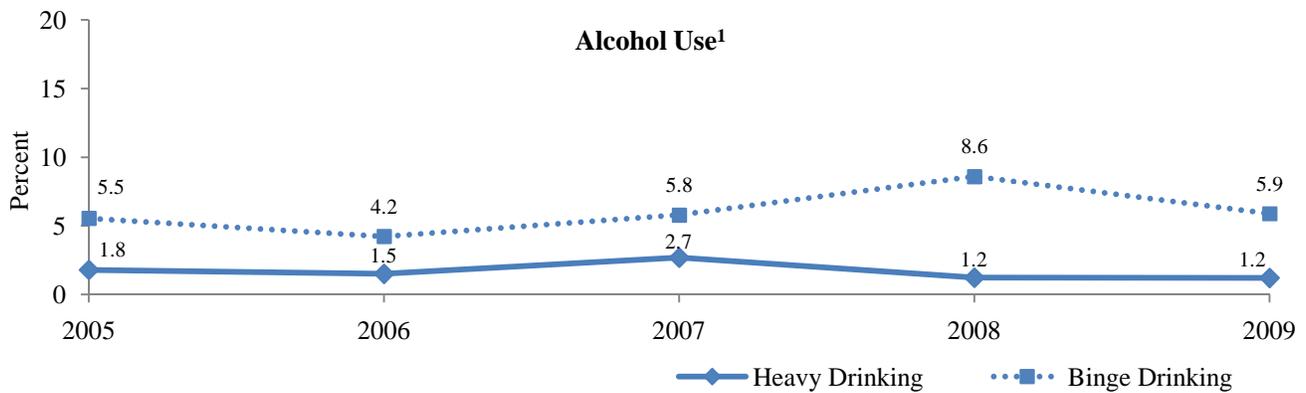
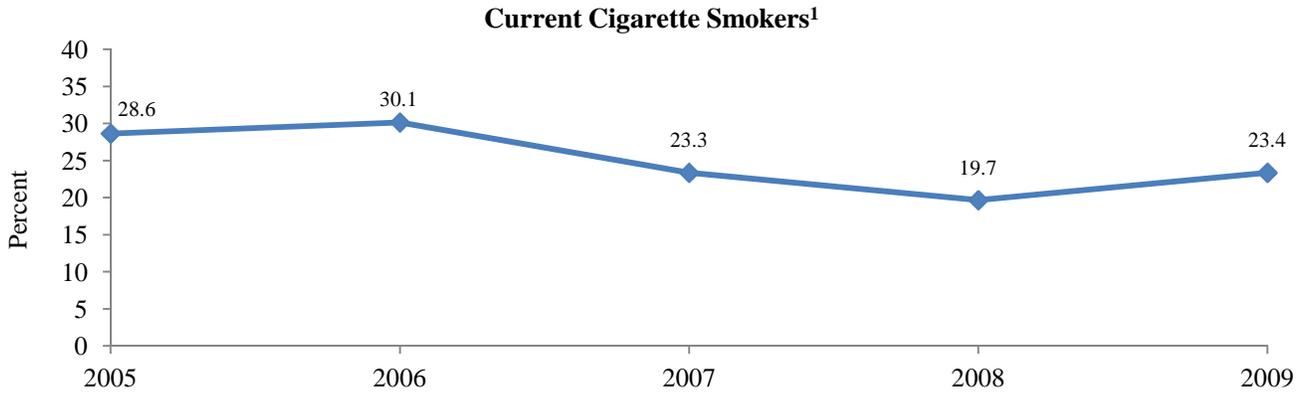


Prevalence for Behavioral Risk Factors, 2009¹

| Risk factor | Total | NH White | NH Black | Female | Male |
|--|-------|----------|----------|--------|------|
| Eating <5 Fruits & Vegetables per Day (%) | 78.6 | 78.0 | 100.0 | 71.6 | 85.7 |
| Not Meeting Physical Activity Recommendations (%) | 62.4 | 63.8 | 100.0 | 65.7 | 59.1 |
| Overweight or Obese (%) | 76.3 | 76.0 | 100.0 | 65.7 | 86.5 |
| Have Not Checked Cholesterol Within the Past 5 Years (%) | 20.7 | 21.8 | 0.0 | 19.6 | 21.8 |
| Ever Told High Cholesterol (%) | 32.7 | 33.8 | 20.9 | 34.9 | 30.7 |
| Ever Told High Blood Pressure (%) | 31.0 | 31.8 | 20.9 | 32.5 | 29.3 |

¹Data Source: Tennessee Behavioral Risk Factor Surveillance System (BRFSS). Statistics are for 18+ unless indicated otherwise.

Cigarette & Alcohol Use



Prevalence for Alcohol and Tobacco Use, 2009¹

| Indicator | Total | NH White | NH Black | Female | Male |
|---------------------|-------|----------|----------|--------|------|
| Heavy Drinking (%) | 1.2 | 1.3 | 0.0 | 2.1 | 0.3 |
| Binge Drinking (%) | 5.9 | 6.2 | 0.0 | 3.9 | 7.9 |
| Current Smokers (%) | 23.4 | 24.4 | 0.0 | 22.8 | 23.9 |

¹Data Source: Tennessee Behavioral Risk Factor Surveillance System (BRFSS). Statistics are for 18+ unless indicated otherwise.

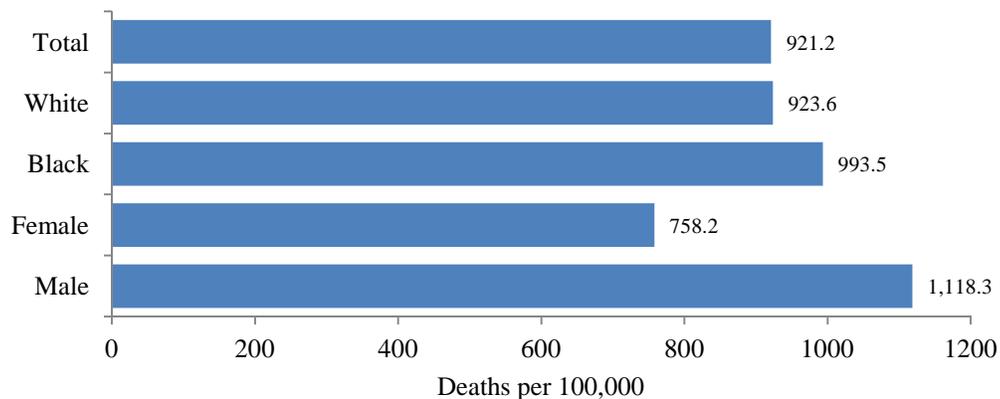
Leading Causes of Death

Leading Causes of Death, 2007-2009¹

| Rank ² | Cause | # Deaths | Age Adjusted Mortality Rate ³ and Demographic Ranking | | | | |
|-------------------|------------------------------------|----------|--|-------|-------|--------|-------|
| | | | Total | White | Black | Female | Male |
| 1 | Heart disease | 2,820 | 231.5 | 232.1 | 244.9 | 179.0 | 295.6 |
| 2 | Cancer | 2,646 | 214.5 | 214.2 | 290.8 | 167.2 | 278.0 |
| 3 | Chronic lower respiratory diseases | 756 | 61.0 | 61.8 | 16.9 | 50.1 | 77.1 |
| 4 | Accidents | 674 | 64.4 | 64.9 | 62.8 | 44.5 | 85.9 |
| 5 | Stroke | 622 | 50.9 | 50.7 | 85.6 | 50.6 | 49.3 |
| 6 | Alzheimer's disease | 472 | 38.2 | 38.4 | 18.8 | 42.7 | 29.0 |
| 7 | Diabetes mellitus | 287 | 23.1 | 23.2 | 23.2 | 21.1 | 25.2 |
| 8 | Influenza and pneumonia | 238 | 19.3 | 19.4 | 16.1 | 16.8 | 23.7 |
| 9 | Suicide | 177 | 17.1 | 17.2 | 15.4 | 6.9 | 28.3 |
| 10 | Kidney disease | 168 | 13.9 | 13.8 | 34.3 | 13.9 | 14.1 |

| | | | | | |
|--------------|---|---|---|---|---|
| Ranking Key: | 1 | 2 | 3 | 4 | 5 |
|--------------|---|---|---|---|---|

All Cause Mortality by Race, 2007-2009^{1,3}

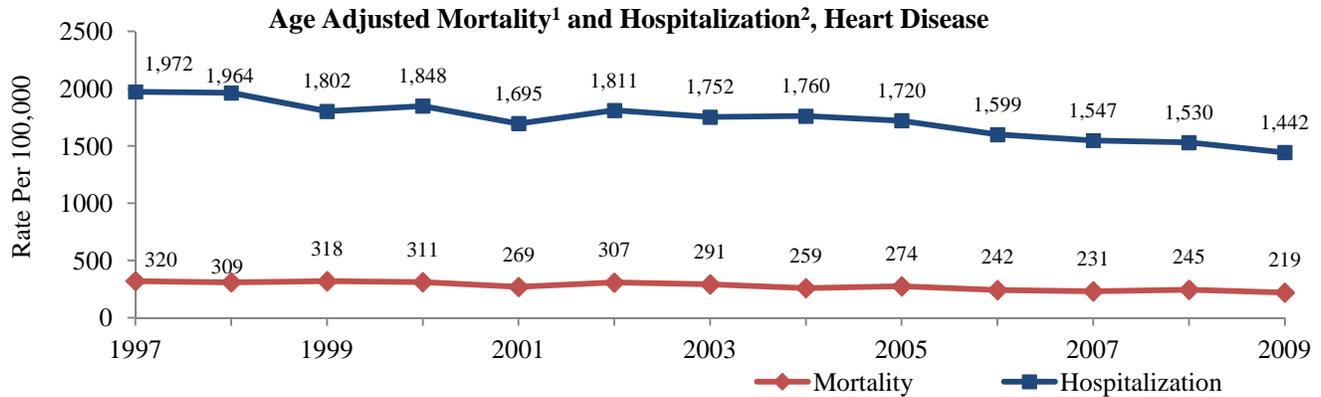


¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjusted to the 2000 standard US population.

²Ranking order is based on counts for the total population. Demographic ranking is based on counts for each subgroup.

³Annual mortality rate per 100,000 population. Age adjusted to the 2000 standard US population.

Heart Disease

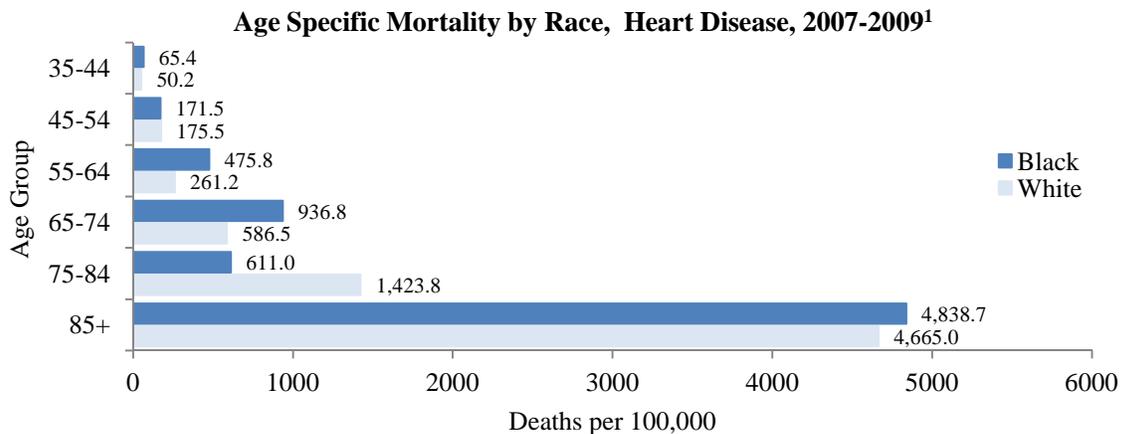


Heart Disease Mortality¹ and Hospitalization², 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|---------|---------|---------|---------|---------|
| Mortality (per 100,000) | 231.5 | 232.1 | 244.9 | 179.0 | 295.6 |
| Hospitalization (per 100,000) | 1,505.7 | 1,494.7 | 1,669.6 | 1,271.6 | 1,771.0 |

Heart Disease Prevalence³, 2009

| | Total | NH White | NH Black | Female | Male |
|------------------------------------|-------|----------|----------|--------|------|
| Prevalence of MI ⁴ (%) | 3.5 | 3.6 | 0.0 | 3.6 | 3.4 |
| Prevalence of CHD ⁵ (%) | 5.1 | 5.3 | 0.0 | 5.5 | 4.7 |



¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

²Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to 2000 US standard population.

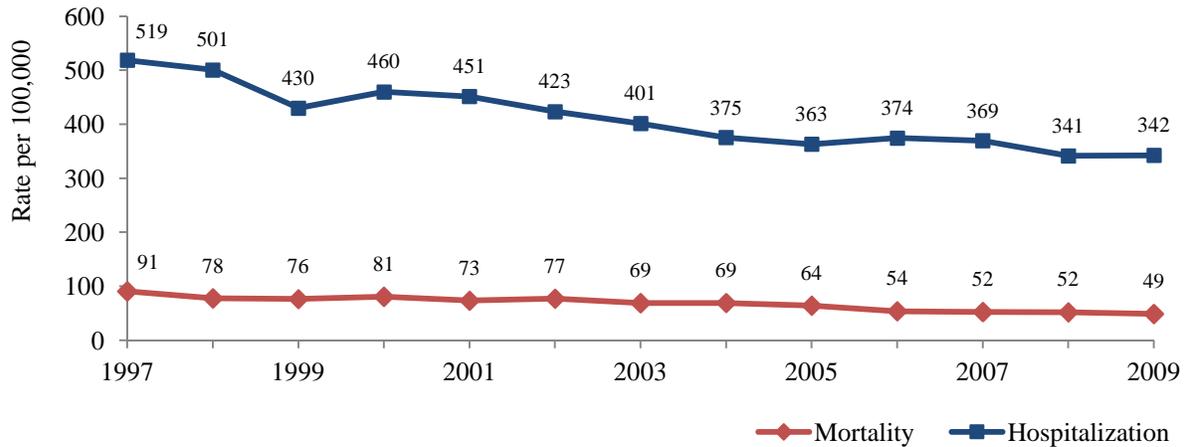
³Data Source: Tennessee Behavioral Risk Factor Surveillance System (BRFSS). Statistics are for 18+ unless indicated otherwise.

⁴MI= Myocardial Infarction.

⁵CHD=Coronary Heart Disease.

Stroke

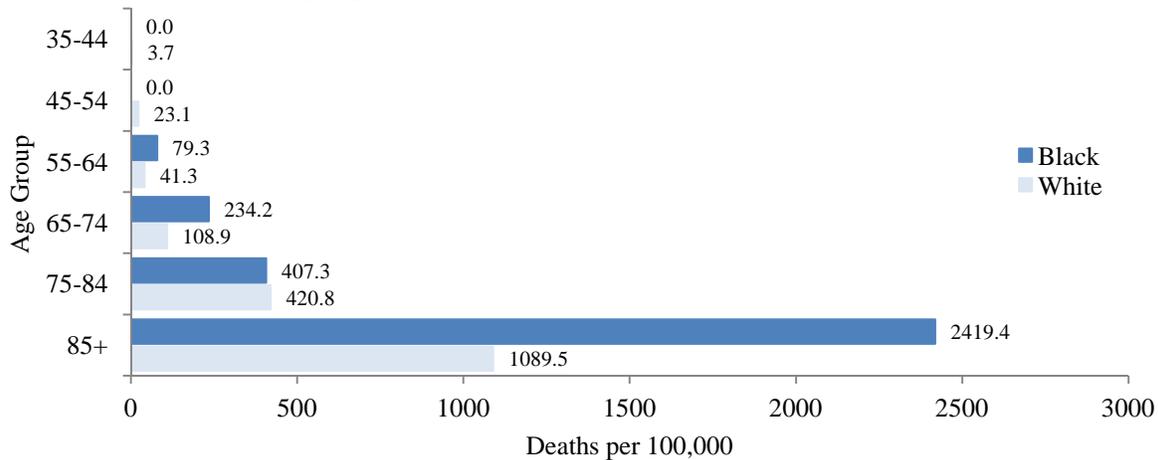
Age Adjusted Mortality¹ and Hospitalization², Stroke



Stroke Mortality¹, Hospitalization², and Prevalence³, 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|-------|-------|-------|--------|-------|
| Mortality (per 100,000) | 50.9 | 50.7 | 85.6 | 50.6 | 49.3 |
| Hospitalization (per 100,000) | 350.9 | 345.0 | 524.6 | 322.0 | 382.8 |
| Prevalence ⁴ (%) | 3.5 | 3.7 | . | 3.5 | 3.6 |

Age Specific Mortality by Race, Stroke, 2007-2009¹



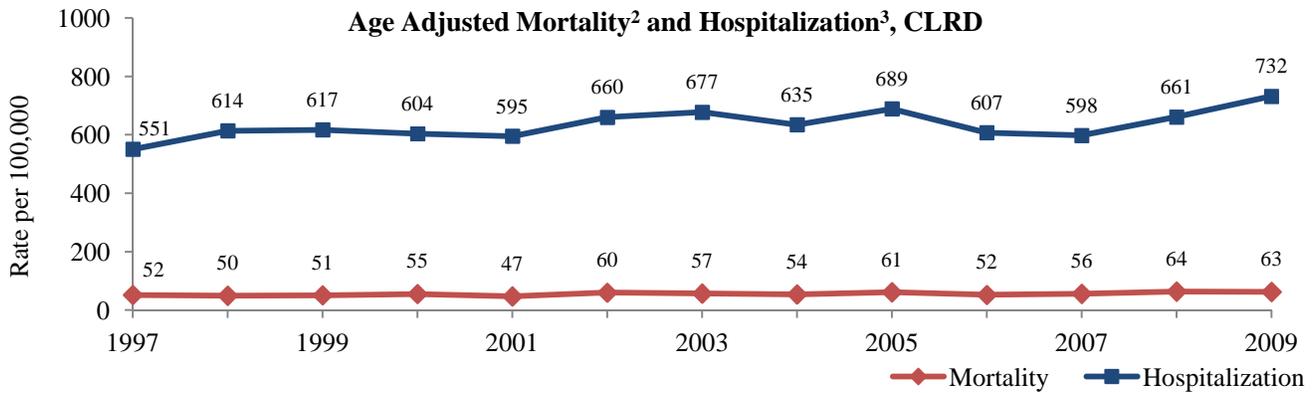
¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

²Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

³Data Source: Tennessee Behavioral Risk Factor Surveillance System (BRFSS). Statistics are for 18+ unless indicated otherwise.

⁴2009 data, NH white and NH black race groups.

CLRD¹



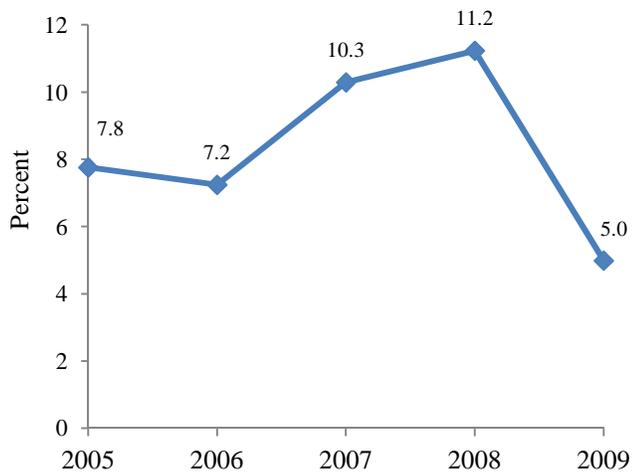
Chronic Lower Respiratory Disease Mortality² and Hospitalization³, 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|-------|-------|-------|--------|-------|
| Mortality (per 100,000) | 61.0 | 61.8 | 16.9 | 50.1 | 77.1 |
| Hospitalization (per 100,000) | 664.6 | 666.8 | 454.3 | 739.9 | 593.9 |

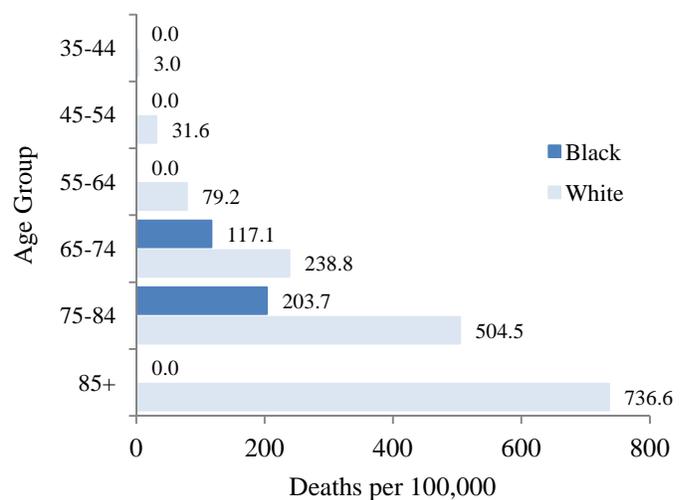
Asthma Prevalence, 2009⁴

| | Total | NH White | NH Black | Female | Male |
|---------------------------|-------|----------|----------|--------|------|
| Ever Had Asthma (%) | 7.9 | 8.2 | 0.0 | 8.5 | 7.2 |
| Currently Have Asthma (%) | 5.0 | 5.3 | 0.0 | 7.0 | 2.9 |

Prevalence of Self-Reported Current Asthma⁴



Age Specific Mortality by Race, CLRD, 2007-2009²



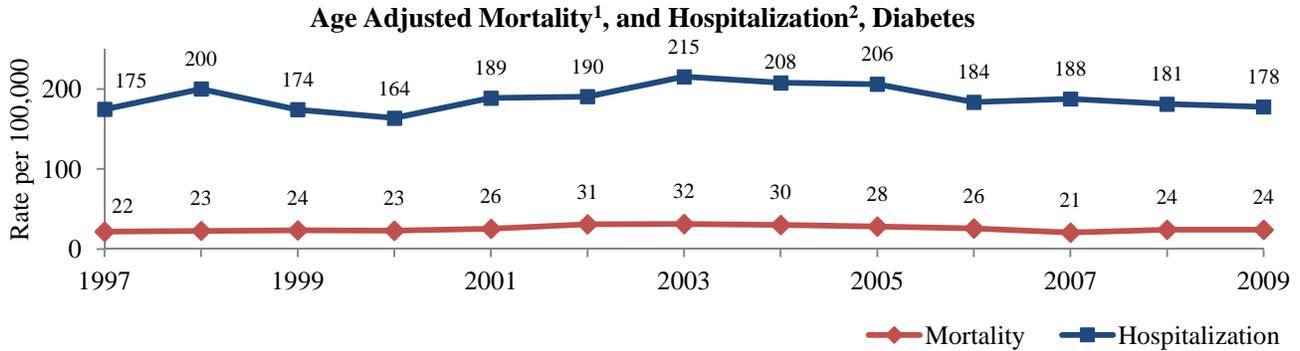
¹CLRD= Chronic Lower Respiratory Disease.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

³Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

⁴Data Source: Tennessee Behavioral Risk Factor Surveillance System (BRFSS). Statistics are for 18+ unless indicated otherwise.

Diabetes

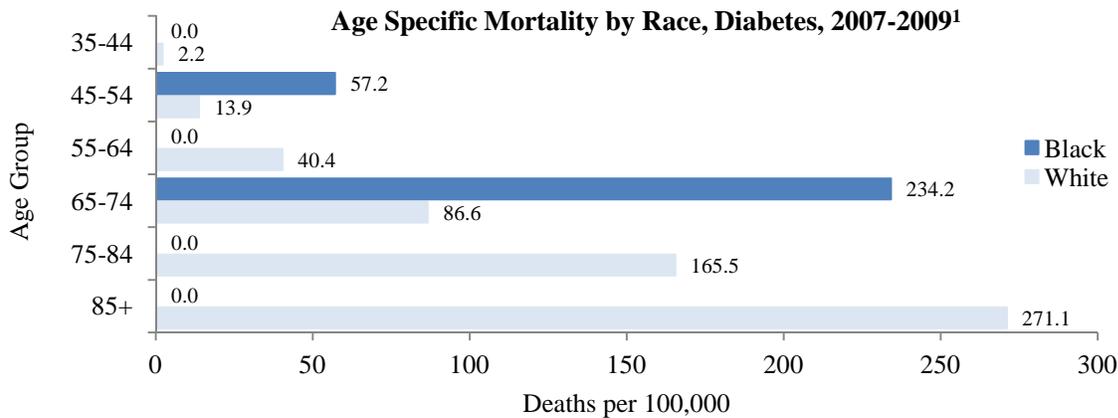


Diabetes Mortality¹ and Hospitalization², 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|-------|-------|-------|--------|-------|
| Mortality (per 100,000) | 23.1 | 23.2 | 23.2 | 21.1 | 25.2 |
| Hospitalization (per 100,000) | 182.0 | 178.2 | 471.1 | 186.6 | 180.2 |

Diabetes Prevalence³ and Diabetes Management Indicators³, 2009

| | Total | NH White | NH Black | Female | Male |
|---|-------|----------|----------|--------|------|
| Prevalence (%) | 10.4 | 10.6 | 20.9 | 13.5 | 7.2 |
| Self-Blood Glucose Monitoring at Least Once Daily (%) | 67.4 | 67.4 | 0.0 | 79.0 | 42.5 |
| Foot Examined by a Doctor in Past 12 Months (%) | 69.9 | 68.7 | 0.0 | 71.4 | 67.0 |
| Received a Dilated Eye Exam in past 12 Months (%) | 49.8 | 50.6 | 0.0 | 57.0 | 37.4 |

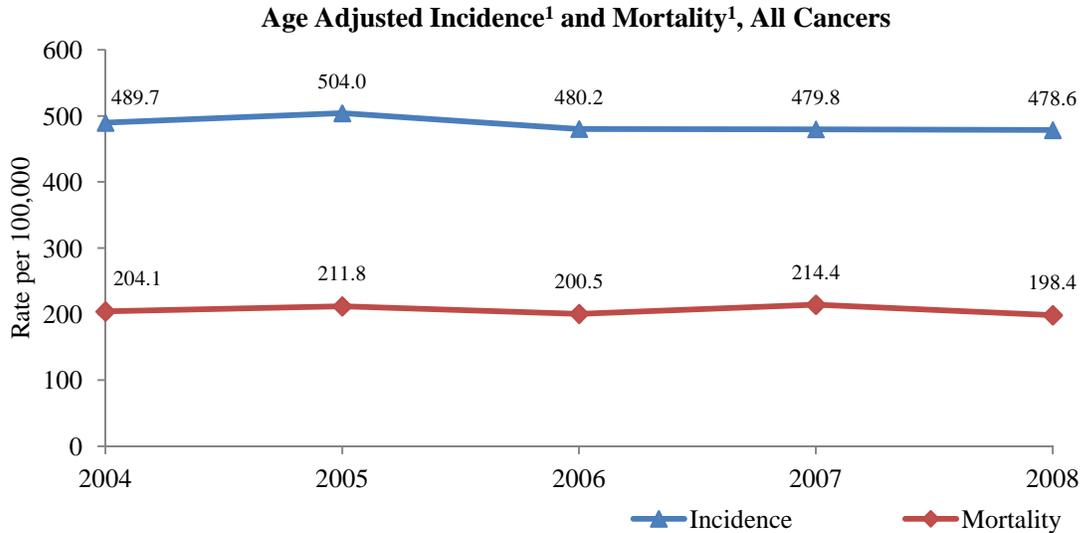


¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

²Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

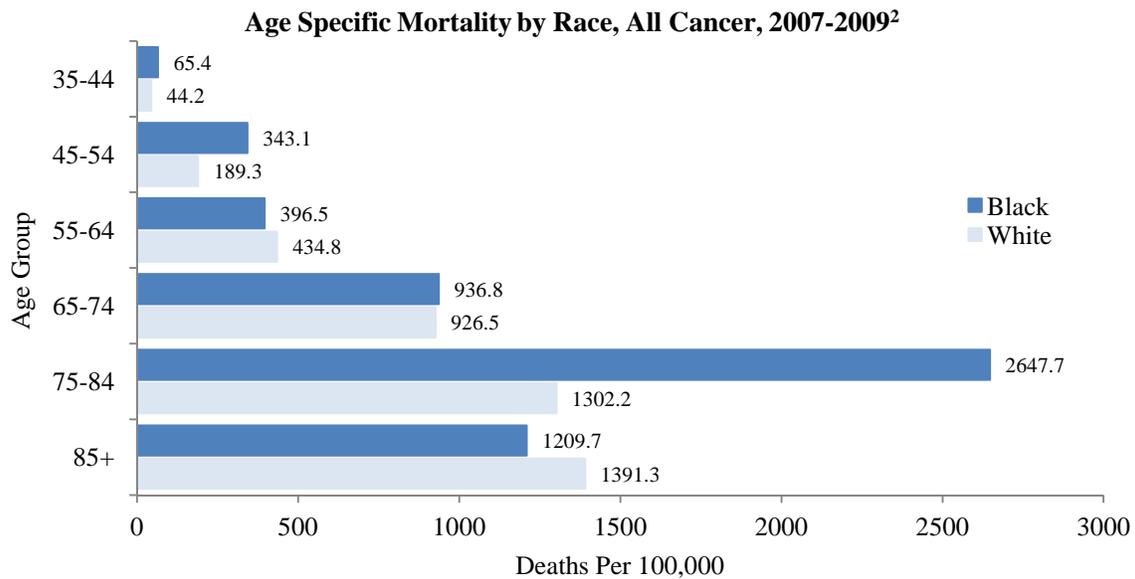
³Data Source: Tennessee Behavioral Risk Factor Surveillance System (BRFSS). Statistics are for 18+ unless indicated otherwise.

Cancer



Cancer Incidence¹ and Mortality¹, 2004-2008

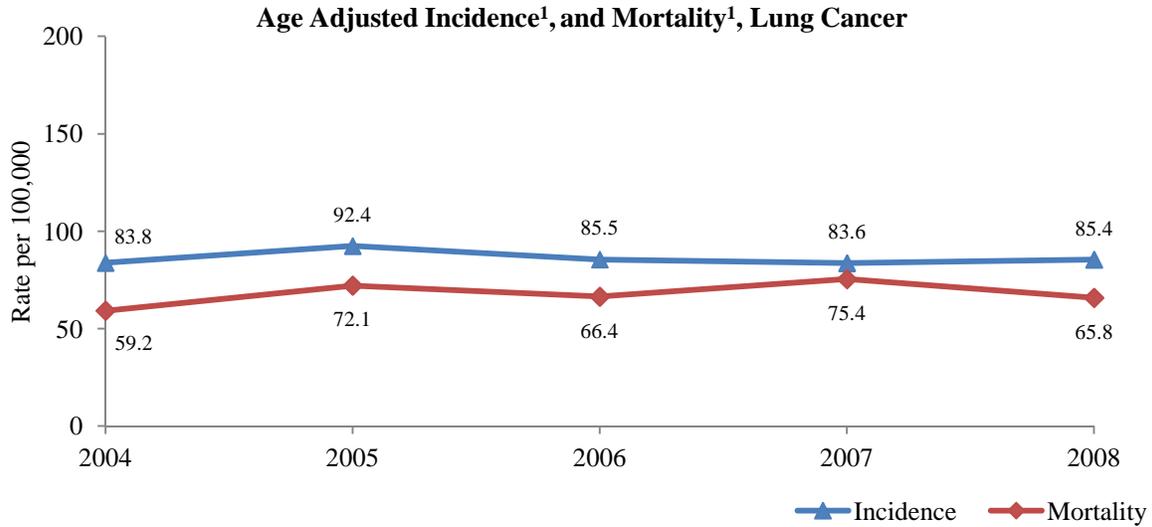
| | Total | White | Black | Female | Male |
|-------------------------|-------|-------|-------|--------|-------|
| Incidence (per 100,000) | 486.2 | 484.6 | 589.0 | 412.3 | 585.8 |
| Mortality (per 100,000) | 205.8 | 205.9 | 232.0 | 162.5 | 265.3 |



¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

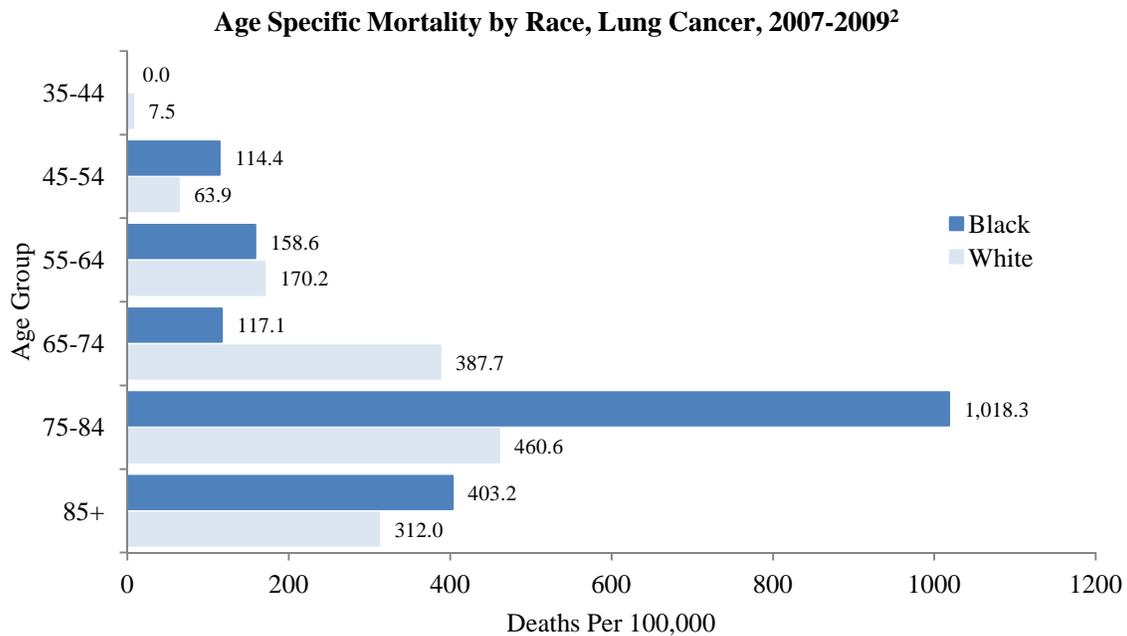
²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

Lung Cancer



Lung Cancer Incidence¹ and Mortality¹, 2004-2008

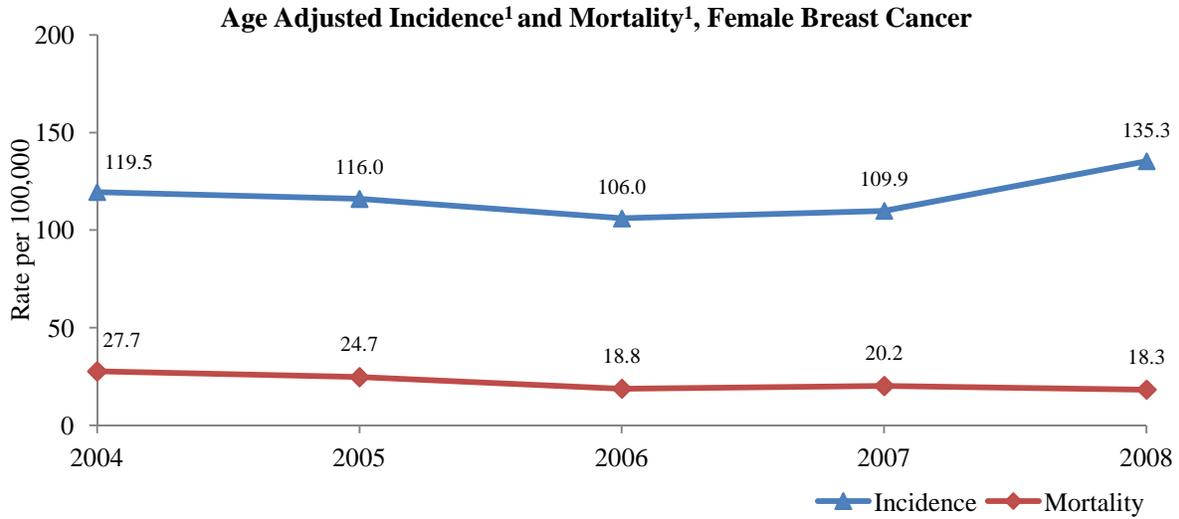
| | Total | White | Black | Female | Male |
|-------------------------|-------|-------|-------|--------|-------|
| Incidence (per 100,000) | 86.1 | 86.0 | 121.2 | 58.7 | 121.3 |
| Mortality (per 100,000) | 67.9 | 67.9 | 91.3 | 44.6 | 98.9 |



¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

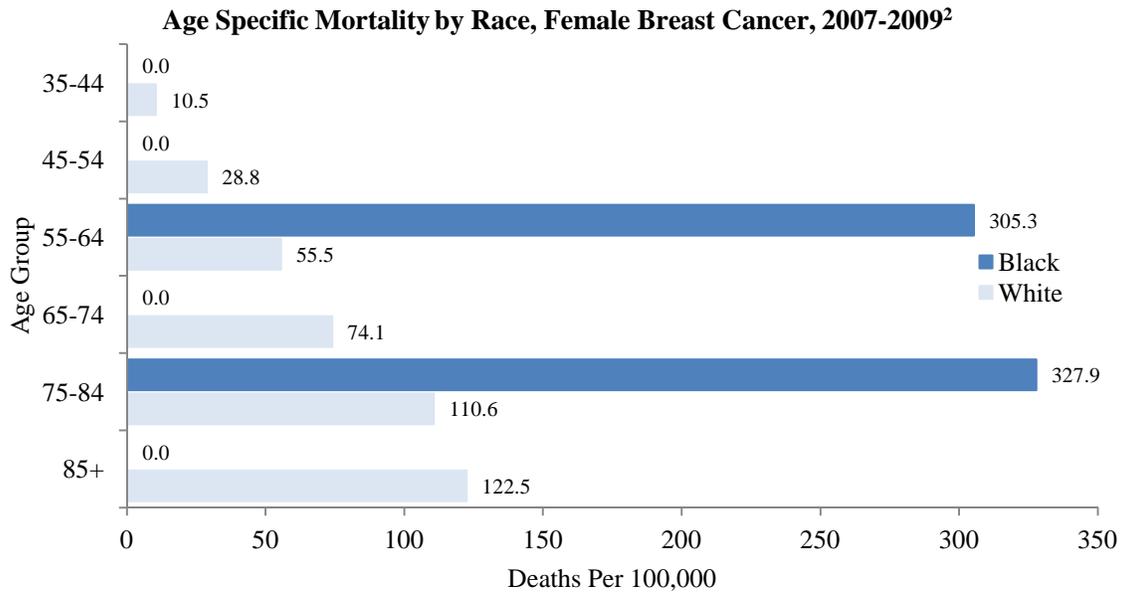
²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

Breast Cancer



Female Breast Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black |
|-------------------------|-------|-------|-------|
| Incidence (per 100,000) | 117.3 | 117.5 | 107.4 |
| Mortality (per 100,000) | 21.8 | 21.5 | ^ |



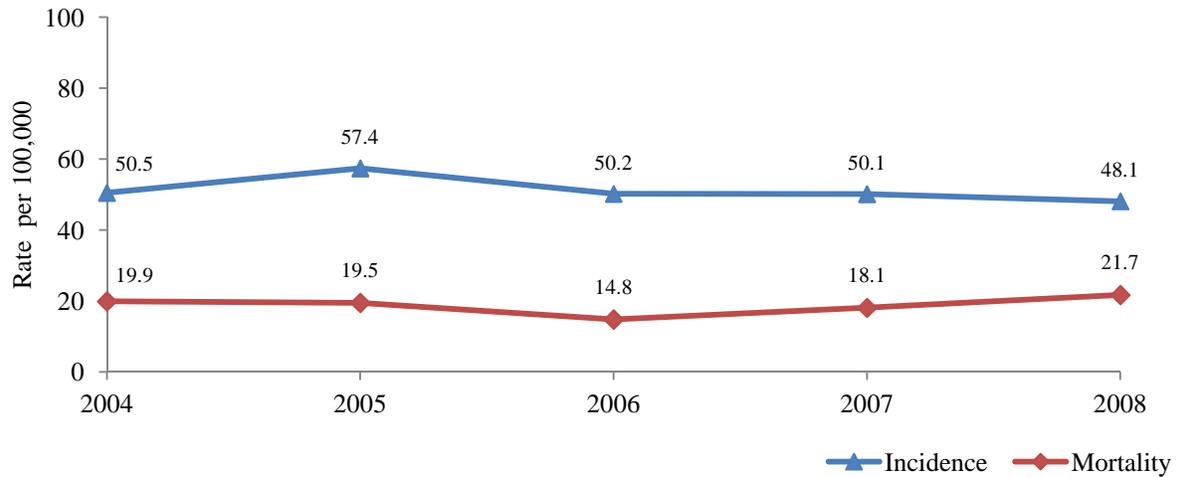
¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

Colorectal Cancer

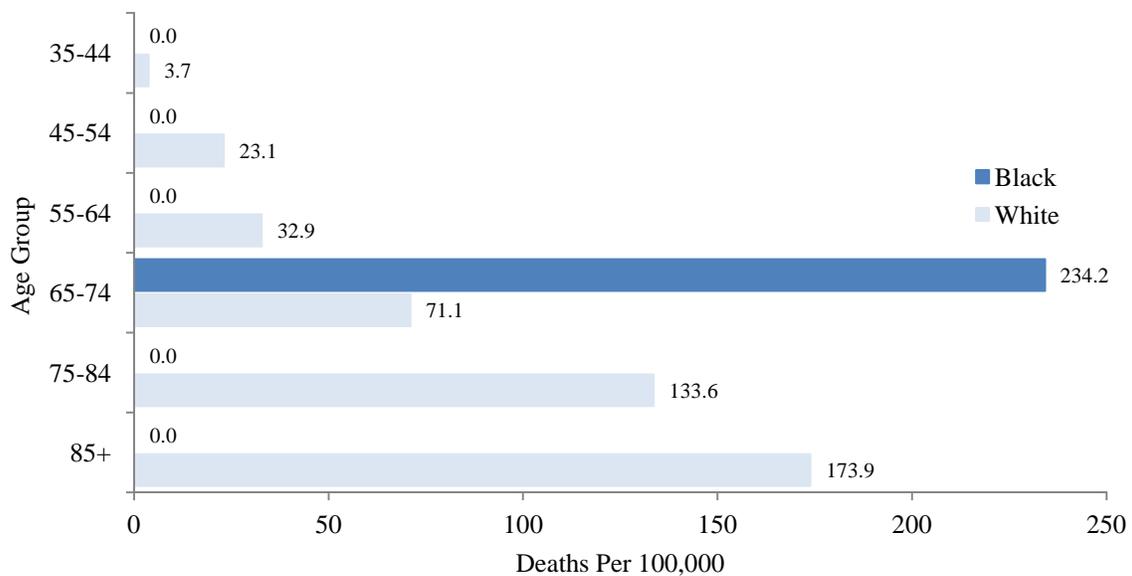
Age Adjusted Incidence¹ and Mortality¹, Colorectal Cancer



Colorectal Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black | Female | Male |
|-------------------------|-------|-------|-------|--------|------|
| Incidence (per 100,000) | 51.1 | 50.6 | 94.1 | 44.5 | 59.2 |
| Mortality (per 100,000) | 18.8 | 18.7 | ^ | 15.7 | 22.6 |

Age Specific Mortality by Race, Colorectal Cancer, 2007-2009²

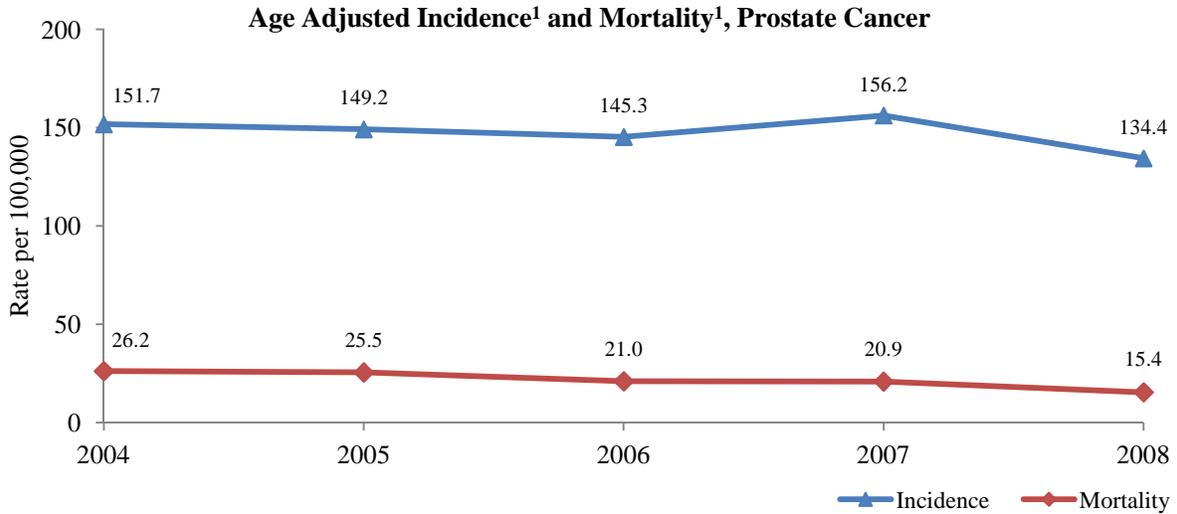


¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

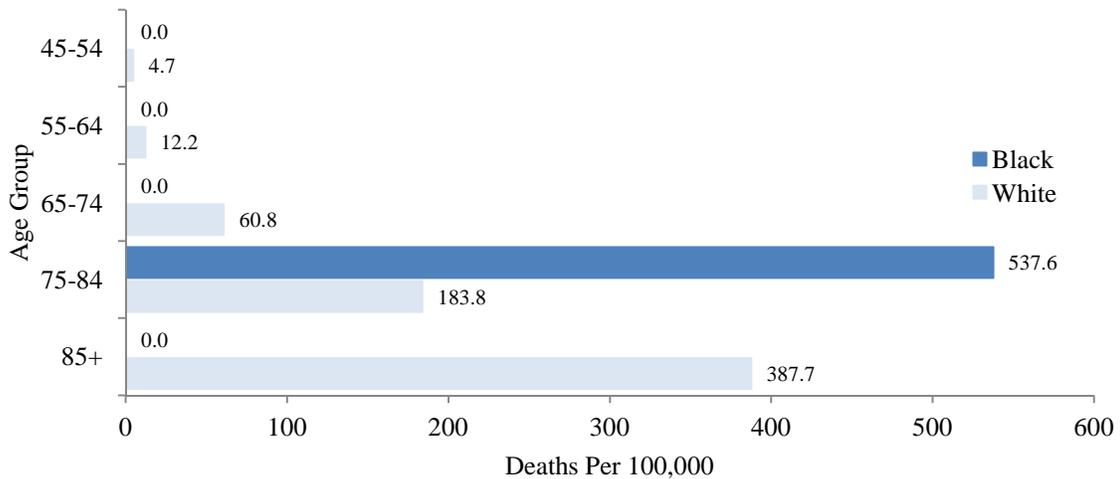
Prostate Cancer



Prostate Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black |
|-------------------------|-------|-------|-------|
| Incidence (per 100,000) | 147.1 | 144.8 | 288.4 |
| Mortality (per 100,000) | 21.5 | 21.3 | ^ |

Age Specific Mortality by Race, Prostate Cancer, 2007-2009²

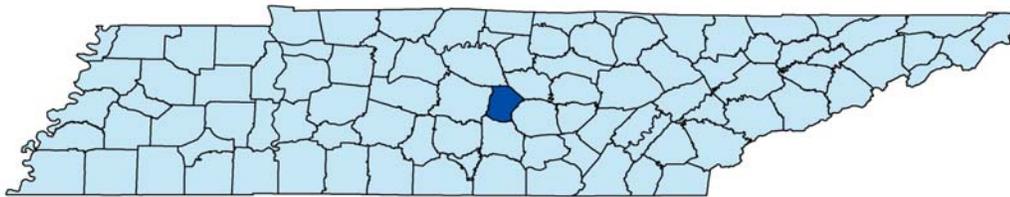


¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

Demographics

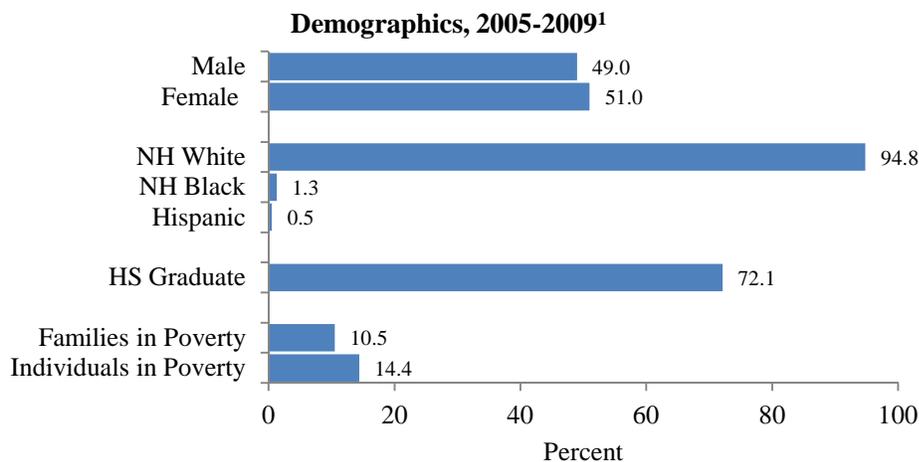


Quick Facts

| | |
|--|----------|
| Median Age ¹ : | 40.6 |
| Median Income ¹ : | \$35,972 |
| Home Ownership ¹ : | 74.4% |
| Unemployment ¹ : | 6.5% |
| Crime Rate ² (per 1,000): | 35.1 |
| Teen Pregnancy Rate ³ (per 1,000): | |
| Overall: | 44.1 |
| White: | 44.2 |
| Black: | ^ |
| Infant Mortality ⁴ (per 1,000): | |
| Overall: | 2.1 |
| White: | 2.2 |
| Black: | ^ |
| Automobile Accident Deaths ⁴ (per 100,000): | 24.1 |

Population by Age, Gender, and Race Distribution (2005-2009)¹

| Age | Gender | | Race | | | Total |
|-------|--------|-------|--------------------|--------------------|----------|--------|
| | Female | Male | Non-Hispanic White | Non-Hispanic Black | Hispanic | |
| <18 | 1,517 | 1,515 | 2,930 | 0 | 66 | 3,032 |
| 18-44 | 2,215 | 2,351 | 4,398 | 91 | 0 | 4,566 |
| 45-64 | 1,964 | 1,898 | 3,540 | 60 | 0 | 3,862 |
| 65+ | 1,197 | 848 | 1,940 | 26 | 0 | 2,045 |
| Total | 6,893 | 6,612 | 12,808 | 177 | 66 | 13,505 |



¹Data Source: U.S. Census Bureau, American Community Survey, 2005-2009.

²Data Source: Tennessee Bureau of Investigation. "Tennessee Incident Based Reporting System (TIBRS)" accessed July 26, 2011. <http://www.tennesseeonline.com/tibrspublic2005>, 2007-2009.

³Data Source: Birth Statistical System, Fetal Death Statistical System, and Induced Abortion Statistical System. Tennessee Department of Health, Division of Health Statistics, 2007-2009.

⁴Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics, 2007-2009.

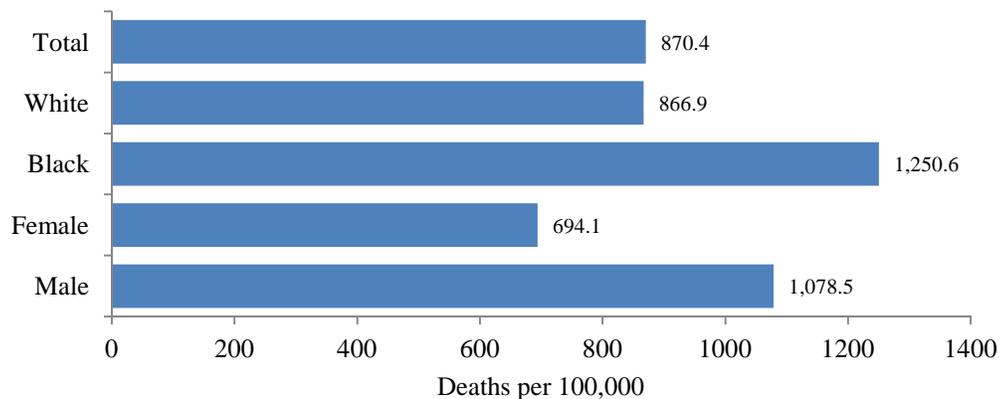
Leading Causes of Death

Leading Causes of Death, 2007-2009¹

| Rank ² | Cause | # Deaths | Age Adjusted Mortality Rate ³ and Demographic Ranking | | | | |
|-------------------|------------------------------------|----------|--|-------|-------|--------|-------|
| | | | Total | White | Black | Female | Male |
| 1 | Cancer | 97 | 202.3 | 200.1 | 431.3 | 140.8 | 304.1 |
| 2 | Heart disease | 89 | 191.3 | 193.2 | 99.1 | 148.6 | 235.8 |
| 3 | Chronic lower respiratory diseases | 29 | 62.0 | 61.4 | 90.5 | 51.2 | 80.9 |
| 4 | Accidents | 27 | 63.2 | 64.5 | 0.0 | 59.4 | 60.6 |
| 5 | Stroke | 24 | 52.4 | 49.2 | 284.3 | 49.0 | 45.9 |
| 6 | Alzheimer's disease | 12 | 27.5 | 27.9 | 0.0 | 33.3 | 14.5 |
| 6 | Diabetes mellitus | 12 | 25.7 | 24.3 | 90.5 | 25.3 | 24.2 |
| 8 | Influenza and pneumonia | 7 | 15.3 | 15.6 | 0.0 | 11.6 | 22.6 |
| 9 | Kidney disease | 6 | 13.0 | 13.2 | 0.0 | 17.6 | 3.6 |
| 9 | Septicemia | 6 | 12.8 | 13.1 | 0.0 | 3.1 | 26.6 |

| | | | | | |
|--------------|---|---|---|---|---|
| Ranking Key: | 1 | 2 | 3 | 4 | 5 |
|--------------|---|---|---|---|---|

All Cause Mortality by Race, 2007-2009^{1,3}



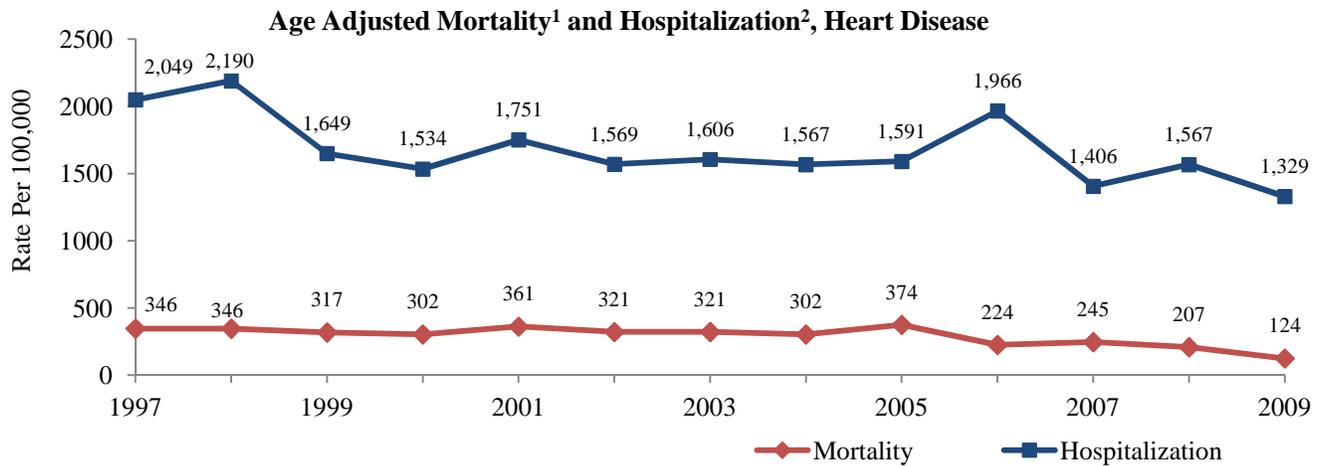
¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

²Ranking order is based on counts for the total population. Demographic ranking is based on counts for each subgroup.

³Annual mortality rate per 100,000 population, age adjusted to the 2000 standard US population.

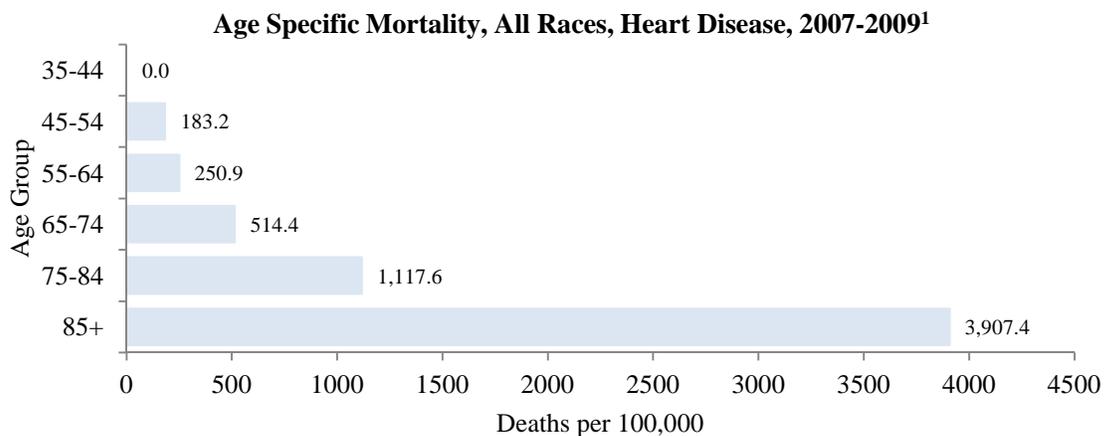
^ Indicates data has been suppressed due to small numbers.

Heart Disease



Heart Disease Mortality¹ and Hospitalization², 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|---------|---------|---------|---------|---------|
| Mortality (per 100,000) | 191.3 | 193.2 | 99.1 | 148.6 | 235.8 |
| Hospitalization (per 100,000) | 1,432.9 | 1,424.0 | 1,341.7 | 1,252.6 | 1,641.6 |



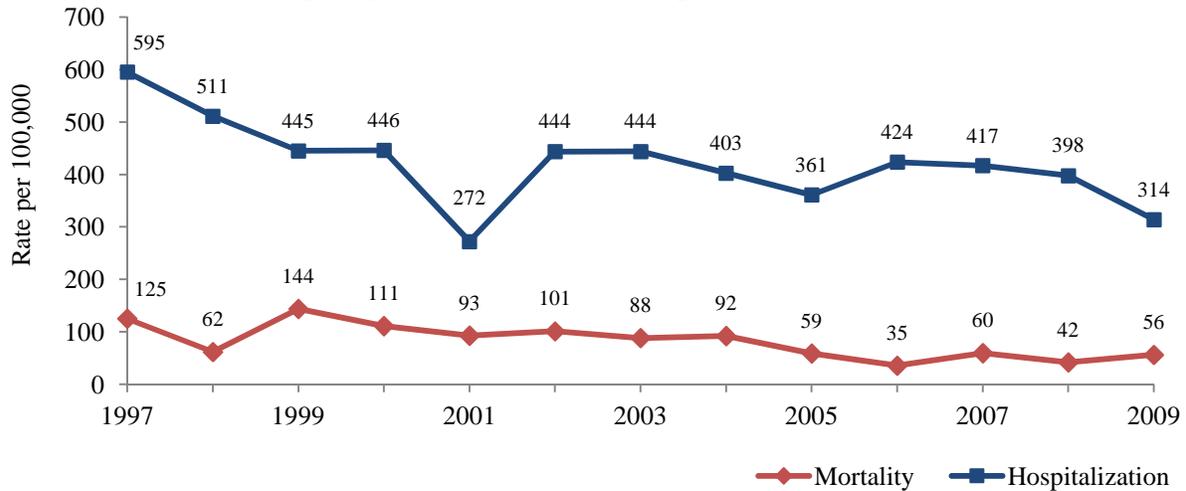
¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

²Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

^ Indicates data has been suppressed due to small numbers.

Stroke

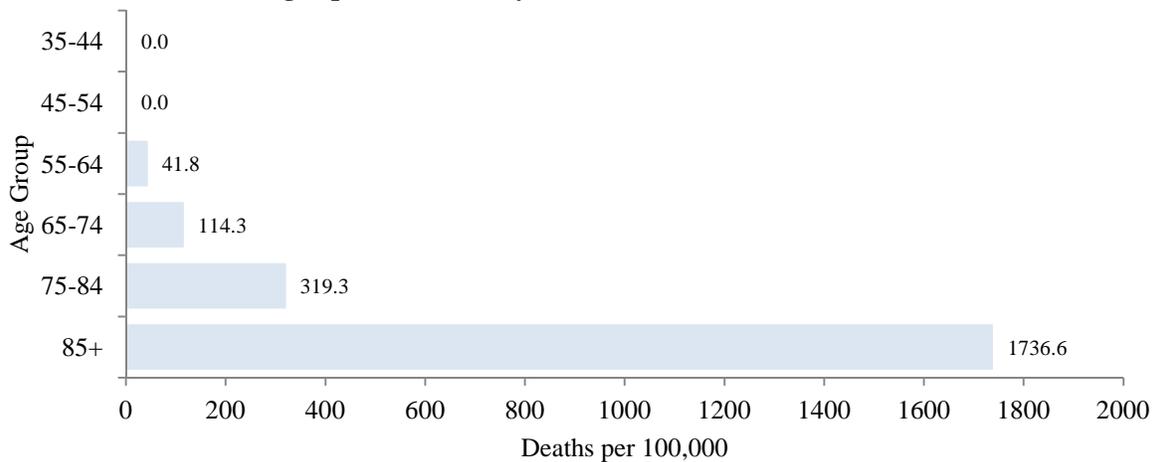
Age Adjusted Mortality¹ and Hospitalization², Stroke



Stroke Mortality¹ and Hospitalization², 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|-------|-------|-------|--------|-------|
| Mortality (per 100,000) | 52.4 | 49.2 | 284.3 | 49.0 | 45.9 |
| Hospitalization (per 100,000) | 375.8 | 365.6 | 976.7 | 350.8 | 389.8 |

Age Specific Mortality, All Races, Stroke, 2007-2009¹



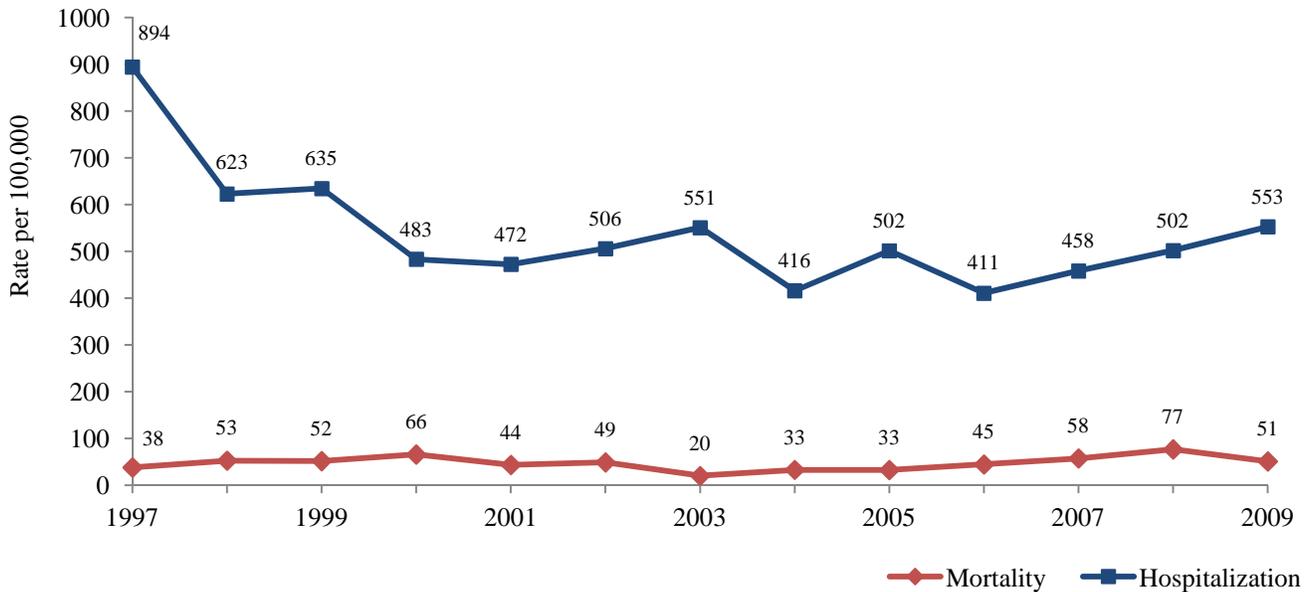
¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

²Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

^ Indicates data has been suppressed due to small numbers.

CLRD¹

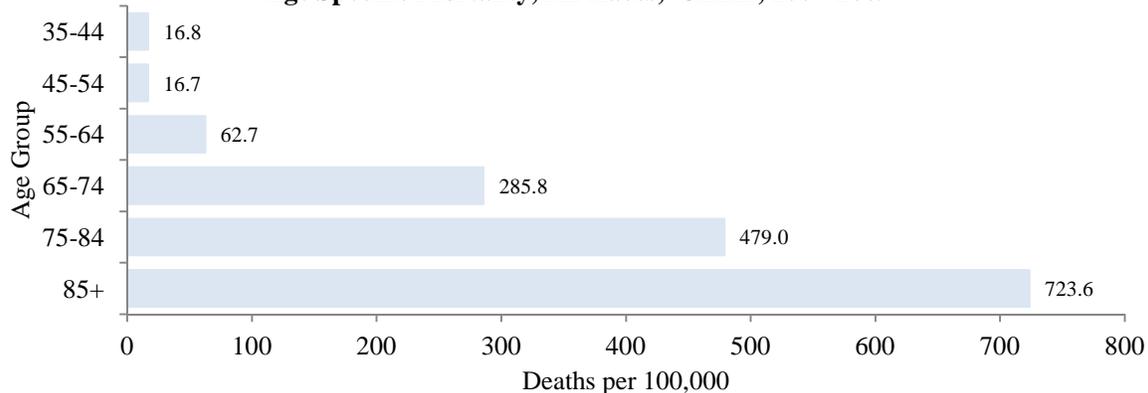
Age Adjusted Mortality² and Hospitalization³, CLRD



Chronic Lower Respiratory Disease Mortality² and Hospitalization³, 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|-------|-------|-------|--------|-------|
| Mortality (per 100,000) | 62.0 | 61.4 | 90.5 | 51.2 | 80.9 |
| Hospitalization (per 100,000) | 504.7 | 510.3 | 189.6 | 601.7 | 404.0 |

Age Specific Mortality, All Races, CLRD, 2007-2009²



¹CLRD= Chronic Lower Respiratory Disease.

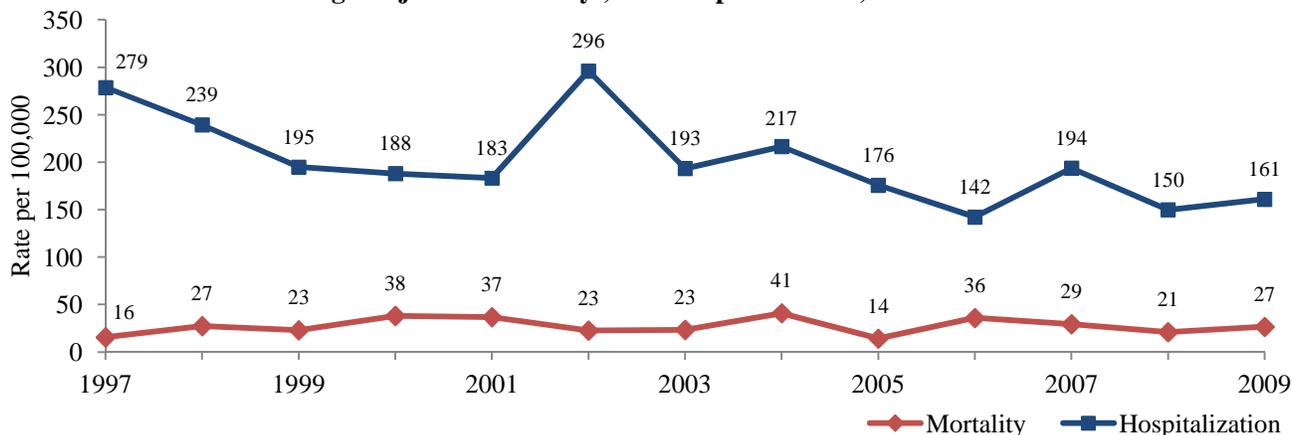
²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

³Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

^ Indicates data has been suppressed due to small numbers.

Diabetes

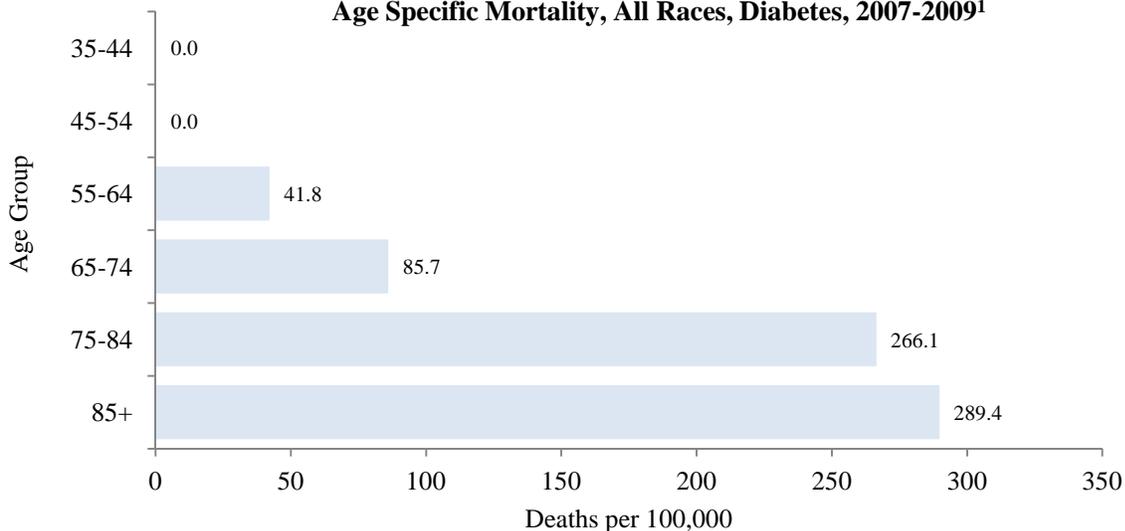
Age Adjusted Mortality¹, and Hospitalization², Diabetes



Diabetes Mortality¹ and Hospitalization², 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|-------|-------|--------|--------|-------|
| Mortality (per 100,000) | 25.7 | 24.3 | 90.5 | 25.3 | 24.2 |
| Hospitalization (per 100,000) | 168.2 | 155.0 | 1145.7 | 161.1 | 182.4 |

Age Specific Mortality, All Races, Diabetes, 2007-2009¹

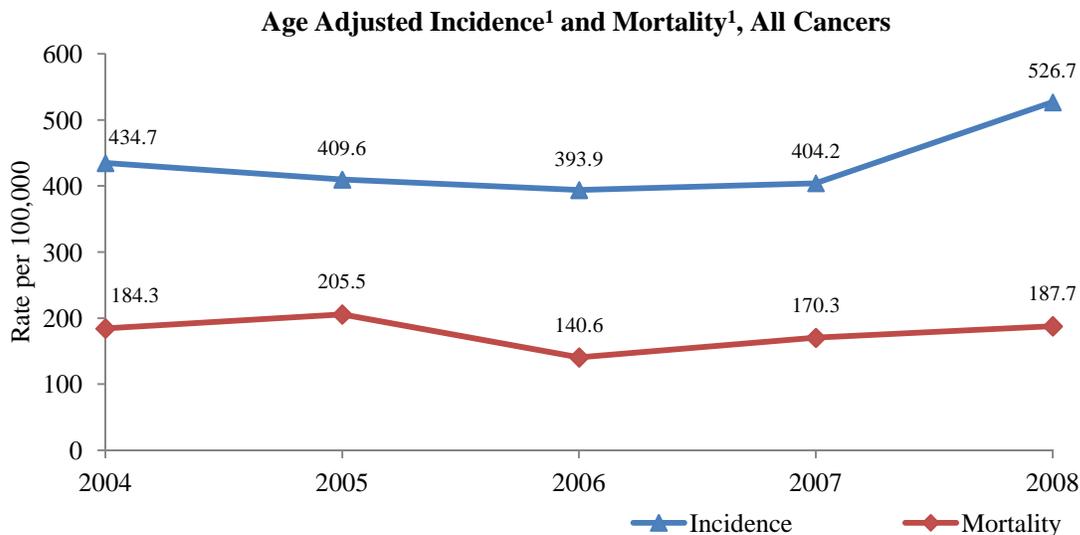


¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

²Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

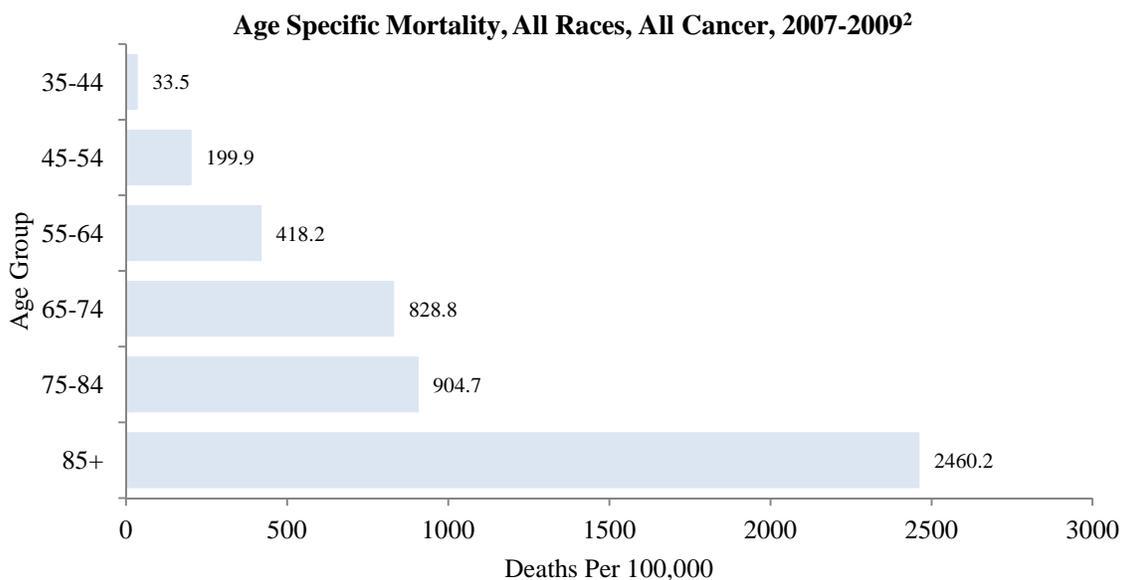
^ Indicates data has been suppressed due to small numbers.

Cancer



Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black | Female | Male |
|-------------------------|-------|-------|-------|--------|-------|
| Incidence (per 100,000) | 434.0 | 426.7 | 752.3 | 362.1 | 541.5 |
| Mortality (per 100,000) | 177.4 | 175.1 | ^ | 129.1 | 262.5 |

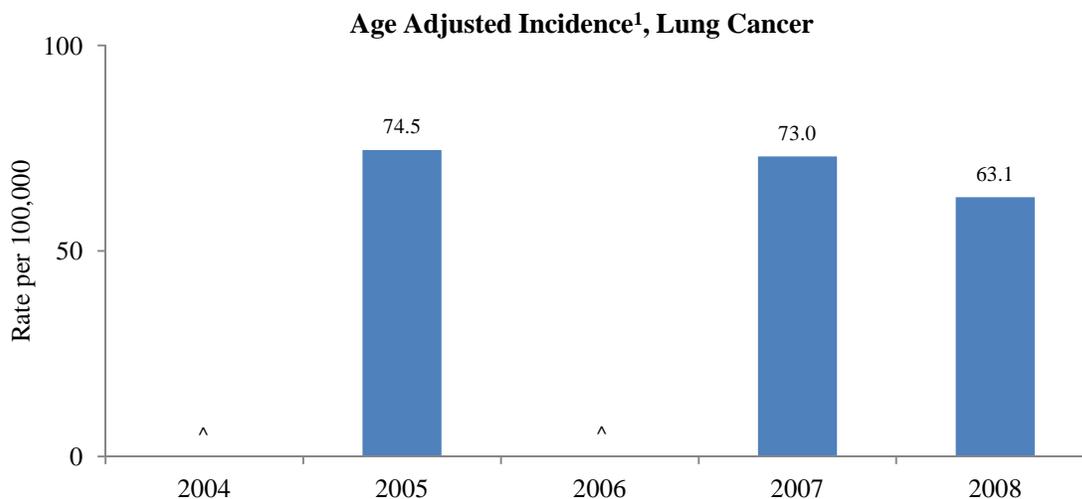


¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

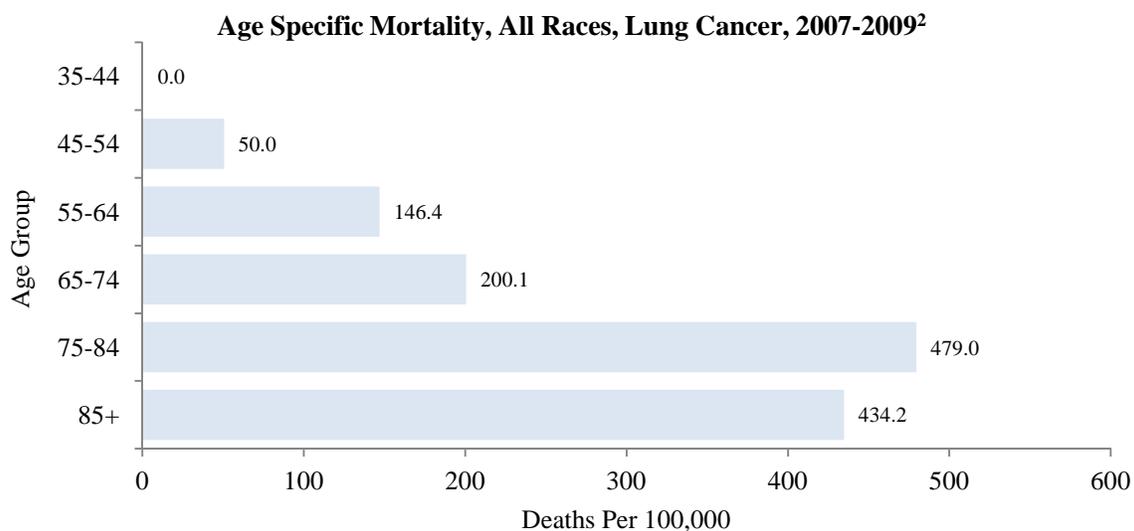
^ Indicates data has been suppressed due to small numbers.

Lung Cancer



Lung Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black | Female | Male |
|-------------------------|-------|-------|-------|--------|------|
| Incidence (per 100,000) | 63.8 | 61.3 | ^ | 46.5 | 87.5 |
| Mortality (per 100,000) | 46.9 | 44.2 | ^ | 37.5 | 63.3 |



¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

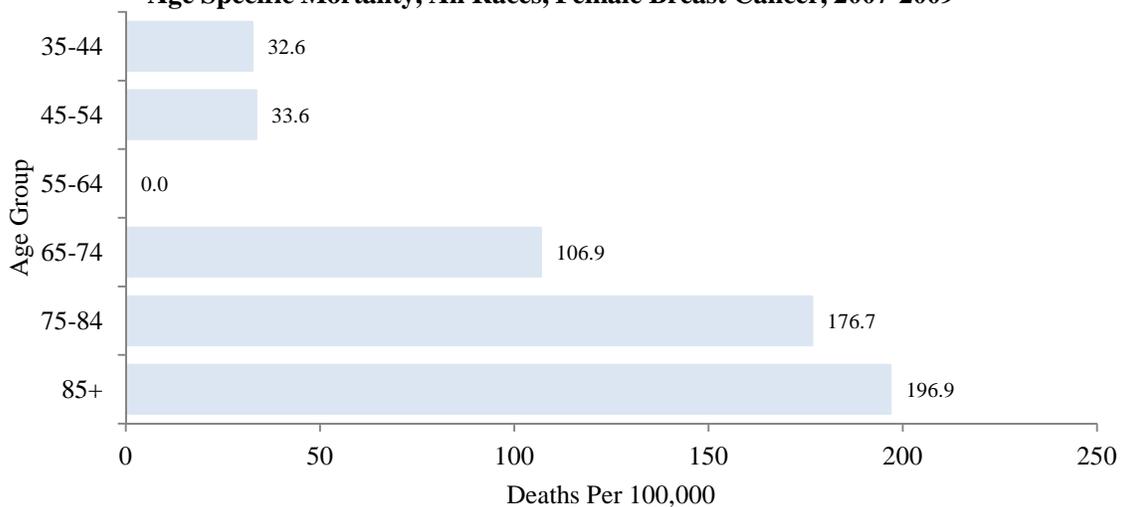
^ Indicates data has been suppressed due to small numbers.

Breast Cancer*

Female Breast Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black |
|-------------------------|-------|-------|-------|
| Incidence (per 100,000) | 82.4 | 78.6 | ^ |
| Mortality (per 100,000) | ^ | ^ | 0.0 |

Age Specific Mortality, All Races, Female Breast Cancer, 2007-2009²



¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

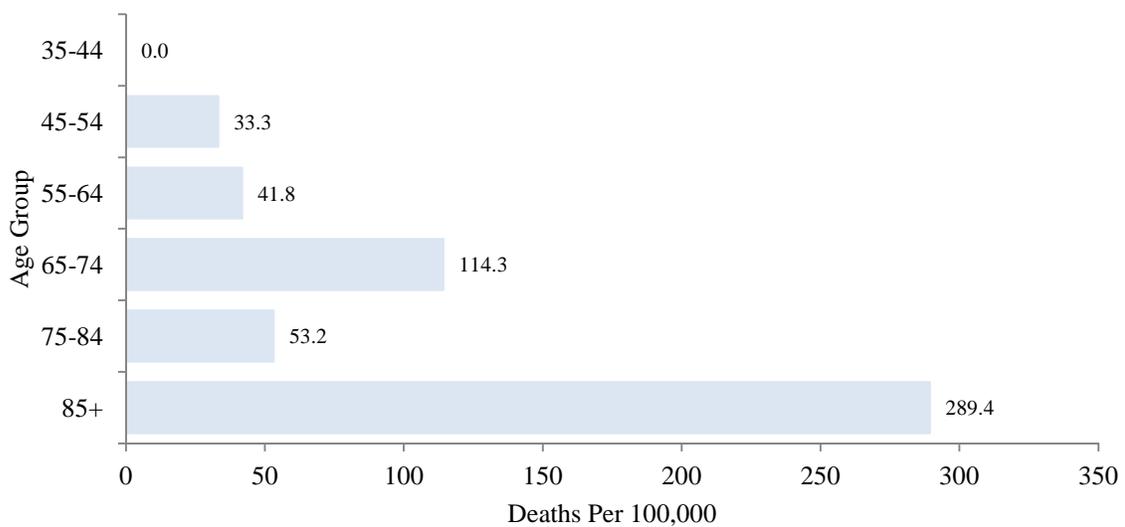
*All incidence trend data suppressed due to small numbers.

Colorectal Cancer*

Colorectal Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black | Female | Male |
|-------------------------|-------|-------|-------|--------|------|
| Incidence (per 100,000) | 52.7 | 52.5 | ^ | 51.0 | 52.2 |
| Mortality (per 100,000) | 20.9 | 21.3 | 0.0 | ^ | ^ |

Age Specific Mortality, All Races, Colorectal Cancer, 2007-2009²



¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

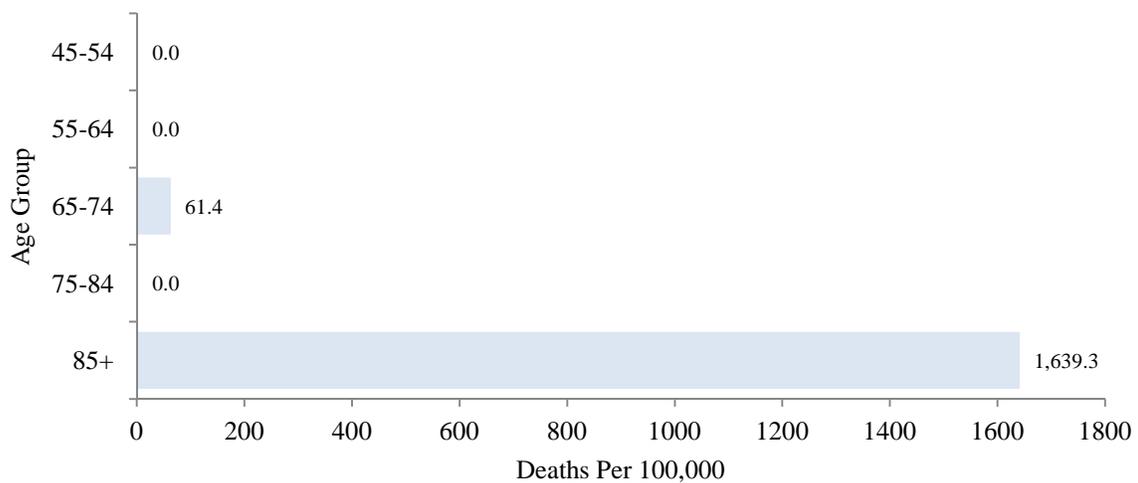
*All incidence trend data suppressed due to small numbers.

Prostate Cancer*

Prostate Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black |
|-------------------------|-------|-------|-------|
| Incidence (per 100,000) | 120.9 | 118.3 | ^ |
| Mortality (per 100,000) | ^ | ^ | 0.0 |

Age Specific Mortality, All Races, Prostate Cancer, 2007-2009²



¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

*All incidence trend data suppressed due to small numbers.

Demographics

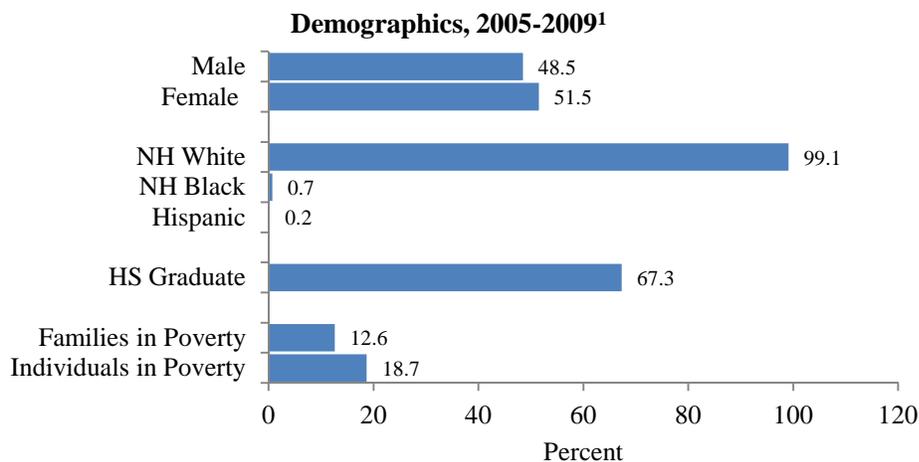


Quick Facts

| | |
|--|----------|
| Median Age ¹ : | 44.9 |
| Median Income ¹ : | \$32,134 |
| Home Ownership ¹ : | 79.3% |
| Unemployment ¹ : | 11.5% |
| Crime Rate ² (per 1,000): | 38.5 |
| Teen Pregnancy Rate ³ (per 1,000): | |
| Overall: | 52.6 |
| White: | 52.8 |
| Black: | ^ |
| Infant Mortality ⁴ (per 1,000): | |
| Overall: | 6.9 |
| White: | 7.1 |
| Black: | ^ |
| Automobile Accident Deaths ⁴ (per 100,000): | 61.1 |

Population by Age, Gender, and Race Distribution (2005-2009)¹

| Age | Gender | | Race | | | Total |
|-------|--------|-------|--------------------|--------------------|----------|-------|
| | Female | Male | Non-Hispanic White | Non-Hispanic Black | Hispanic | |
| <18 | 793 | 695 | 1,479 | 3 | 0 | 1,488 |
| 18-44 | 1,307 | 1,180 | 2,476 | 11 | 0 | 2,487 |
| 45-64 | 1,252 | 1,229 | 2,452 | 18 | 11 | 2,481 |
| 65+ | 734 | 747 | 1,456 | 23 | 2 | 1,481 |
| Total | 4,086 | 3,851 | 7,863 | 55 | 13 | 7,937 |



¹Data Source: U.S. Census Bureau, American Community Survey, 2005-2009.

²Data Source: Tennessee Bureau of Investigation. "Tennessee Incident Based Reporting System (TIBRS)" accessed July 26, 2011. <http://www.tennesseeonline.com/tibrspublic2005>, 2007-2009.

³Data Source: Birth Statistical System, Fetal Death Statistical System, and Induced Abortion Statistical System. Tennessee Department of Health, Division of Health Statistics, 2007-2009.

⁴Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics, 2007-2009.

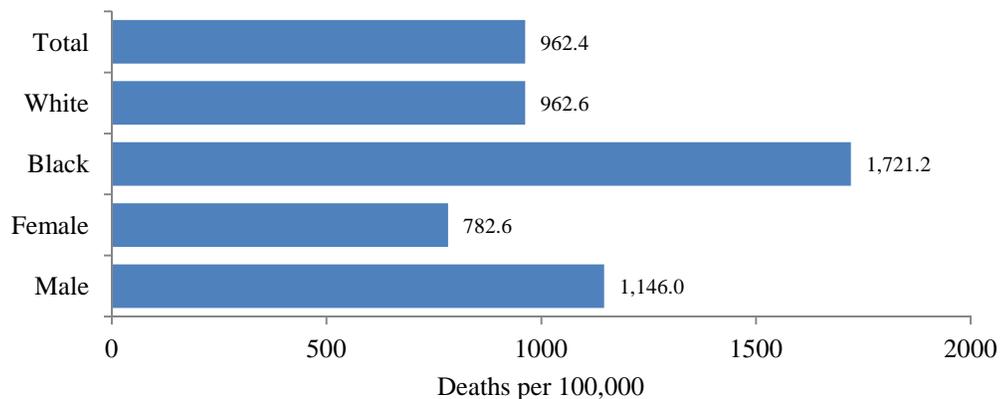
Leading Causes of Death

Leading Causes of Death, 2007-2009¹

| Rank ² | Cause | # Deaths | Age Adjusted Mortality Rate ³ and Demographic Ranking | | | | |
|-------------------|------------------------------------|----------|--|-------|-------|--------|-------|
| | | | Total | White | Black | Female | Male |
| 1 | Heart disease | 74 | 243.4 | 243.1 | 360.7 | 230.5 | 241.1 |
| 2 | Cancer | 59 | 194.0 | 191.6 | 360.7 | 137.3 | 264.2 |
| 3 | Chronic lower respiratory diseases | 22 | 68.5 | 70.1 | 0.0 | 83.9 | 41.9 |
| 4 | Accidents | 21 | 84.3 | 84.0 | 207.7 | 33.7 | 137.7 |
| 5 | Stroke | 15 | 48.5 | 49.8 | 0.0 | 33.0 | 70.7 |
| 6 | Influenza and pneumonia | 12 | 40.6 | 41.7 | 0.0 | 37.7 | 56.1 |
| 7 | Alzheimer's disease | 7 | 22.9 | 23.6 | 0.0 | 26.0 | 16.1 |
| 8 | Kidney disease | 6 | 18.8 | 19.4 | 0.0 | 15.2 | 26.2 |
| 9 | Homicide | 5 | 23.8 | 24.6 | 0.0 | 0.0 | 48.1 |
| 9 | Suicide | 5 | 19.9 | 20.5 | 0.0 | 0.0 | 42.4 |

| | | | | | |
|--------------|---|---|---|---|---|
| Ranking Key: | 1 | 2 | 3 | 4 | 5 |
|--------------|---|---|---|---|---|

All Cause Mortality by Race, 2007-2009^{1,3}



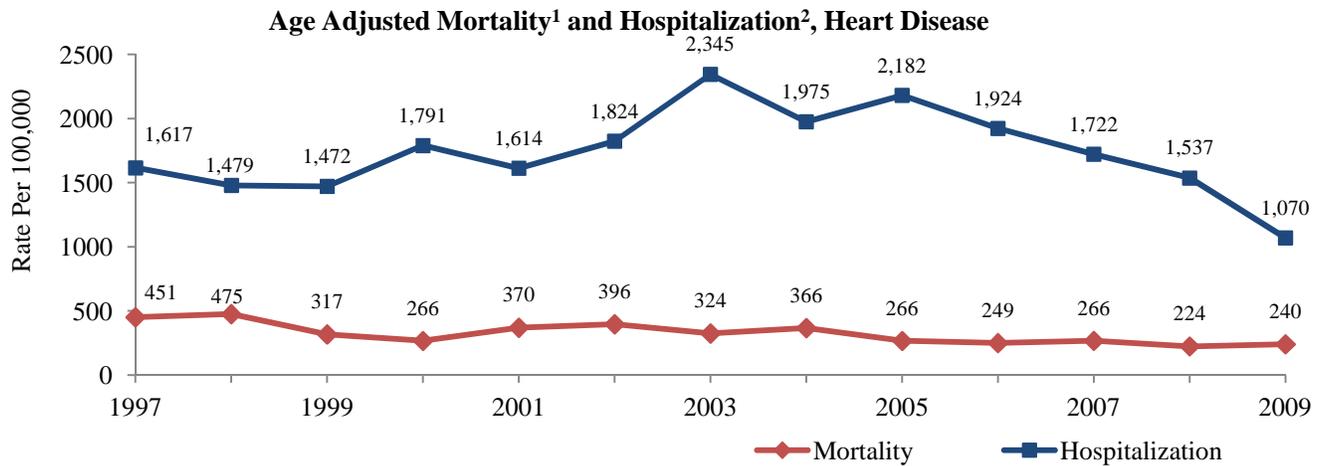
¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

²Ranking order is based on counts for the total population. Demographic ranking is based on counts for each subgroup.

³Annual mortality rate per 100,000 population, age adjusted to the 2000 standard US population.

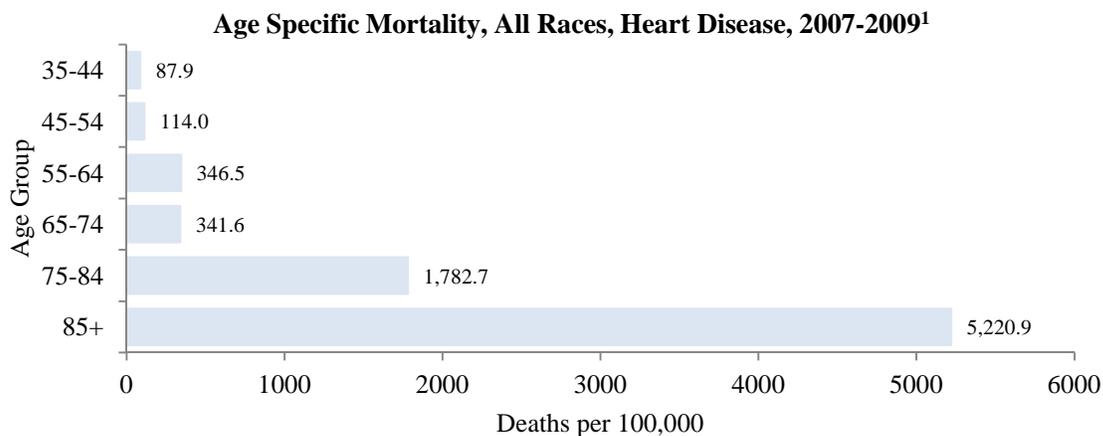
^ Indicates data has been suppressed due to small numbers.

Heart Disease



Heart Disease Mortality¹ and Hospitalization², 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|---------|---------|---------|---------|---------|
| Mortality (per 100,000) | 243.4 | 243.1 | 360.7 | 230.5 | 241.1 |
| Hospitalization (per 100,000) | 1,440.8 | 1,415.5 | 3,634.8 | 1,239.0 | 1,600.2 |

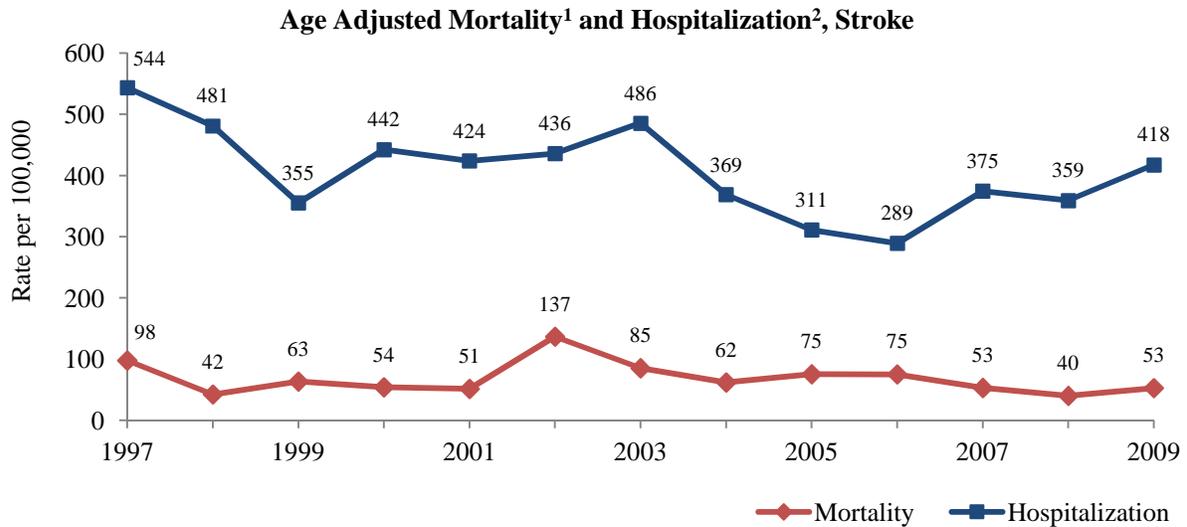


¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

²Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

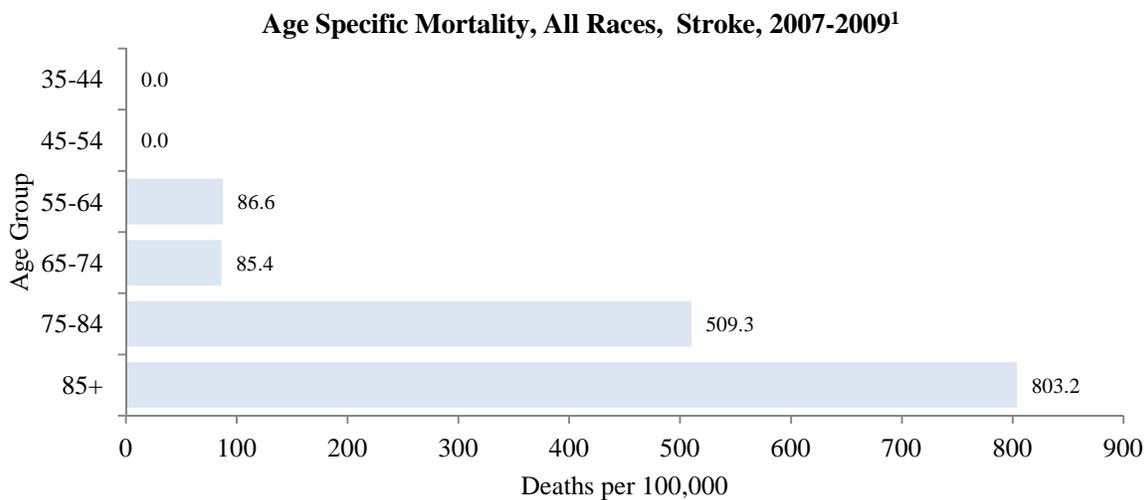
^ Indicates data has been suppressed due to small numbers.

Stroke



Stroke Mortality¹ and Hospitalization², 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|-------|-------|--------|--------|-------|
| Mortality (per 100,000) | 48.5 | 49.8 | 0.0 | 33.0 | 70.7 |
| Hospitalization (per 100,000) | 383.8 | 364.5 | 1702.4 | 332.8 | 451.7 |



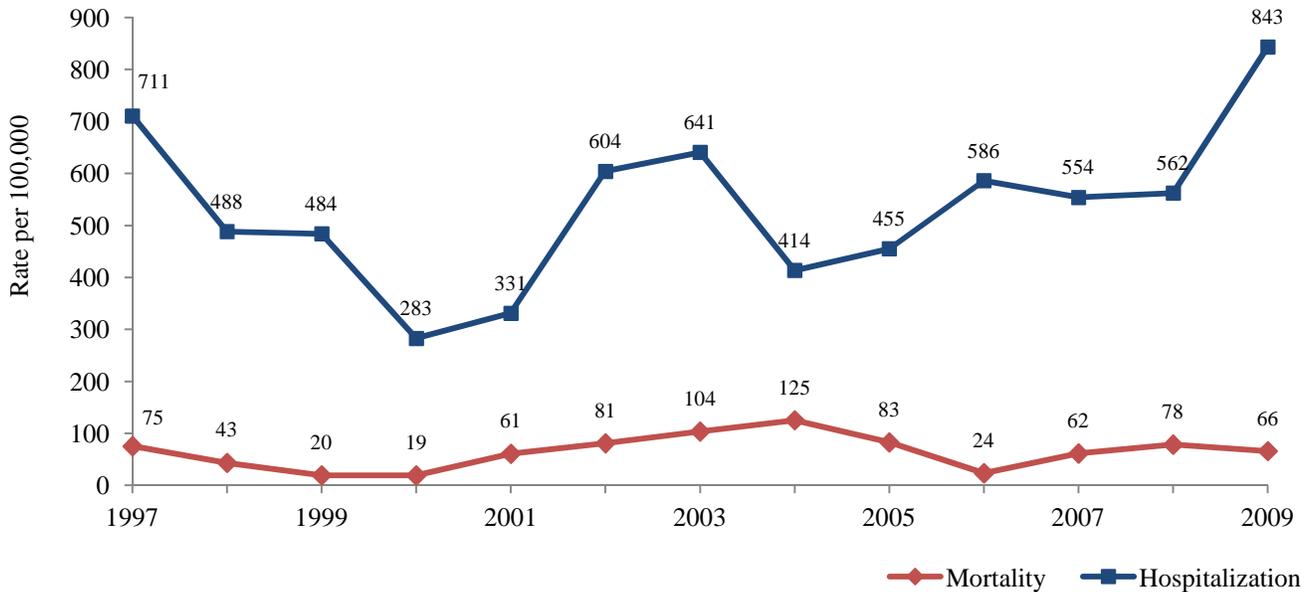
¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

²Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

^ Indicates data has been suppressed due to small numbers.

CLRD¹

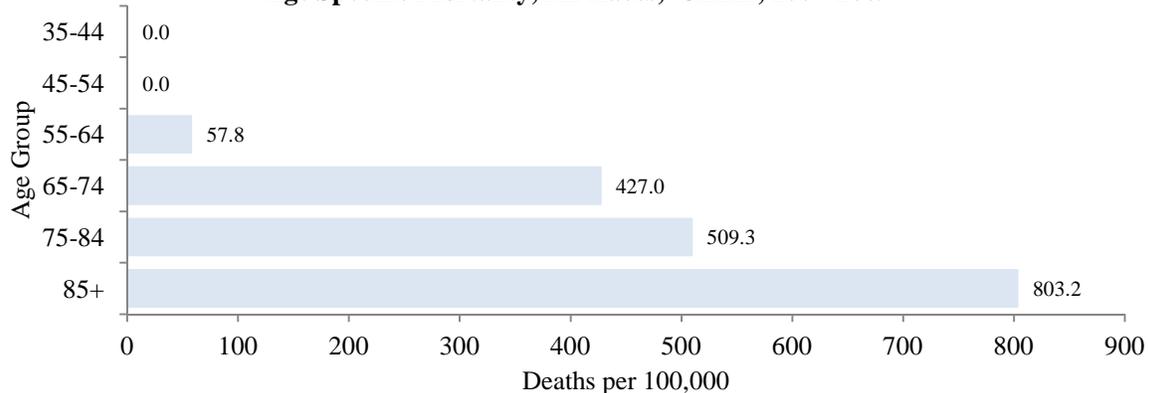
Age Adjusted Mortality² and Hospitalization³, CLRD



Chronic Lower Respiratory Disease Mortality² and Hospitalization³, 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|-------|-------|-------|--------|-------|
| Mortality (per 100,000) | 68.5 | 70.1 | 0.0 | 83.9 | 41.9 |
| Hospitalization (per 100,000) | 654.2 | 657.8 | 700.7 | 876.4 | 417.3 |

Age Specific Mortality, All Races, CLRD, 2007-2009²



¹CLRD= Chronic Lower Respiratory Disease.

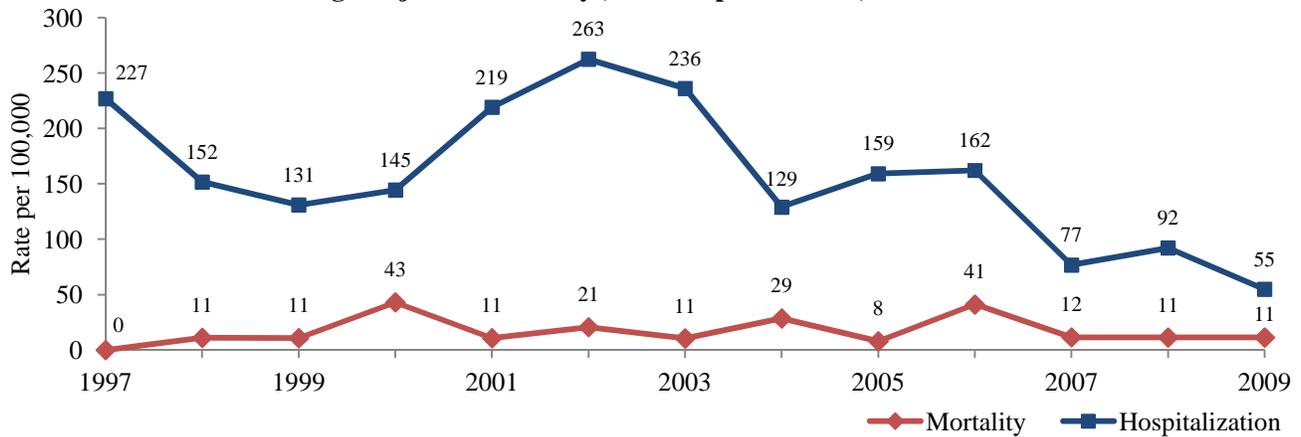
²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

³Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

^ Indicates data has been suppressed due to small numbers.

Diabetes

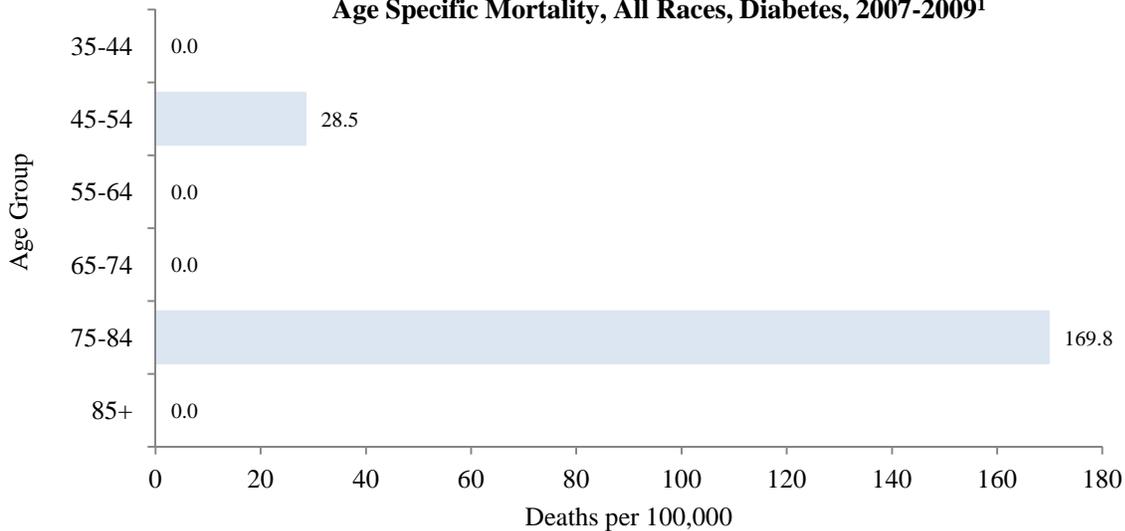
Age Adjusted Mortality¹, and Hospitalization², Diabetes



Diabetes Mortality¹ and Hospitalization², 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|-------|-------|-------|--------|-------|
| Mortality (per 100,000) | 11.5 | 11.8 | 0.0 | 12.8 | 7.6 |
| Hospitalization (per 100,000) | 74.7 | 76.6 | 0.0 | 45.3 | 107.3 |

Age Specific Mortality, All Races, Diabetes, 2007-2009¹

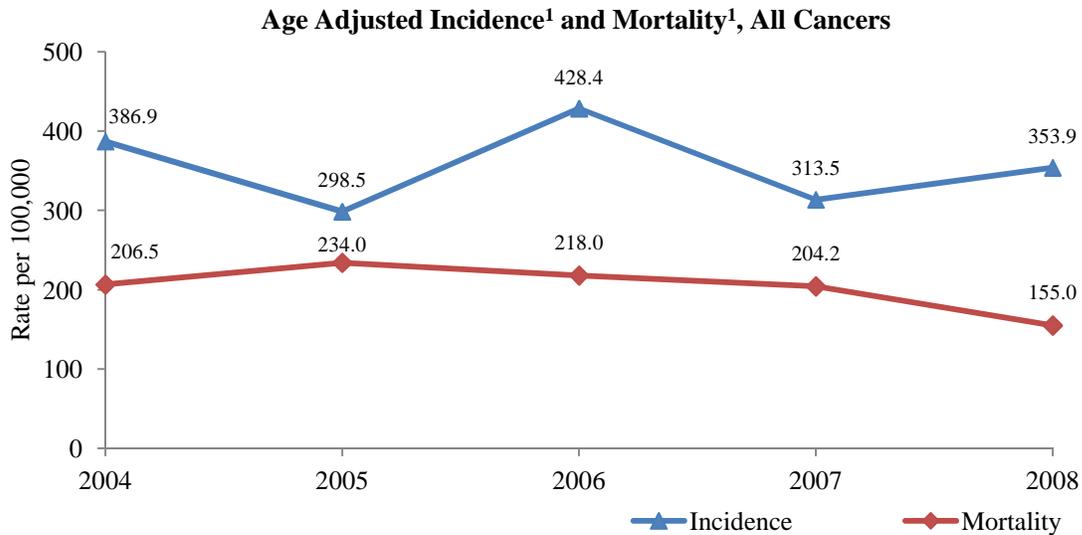


¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

²Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

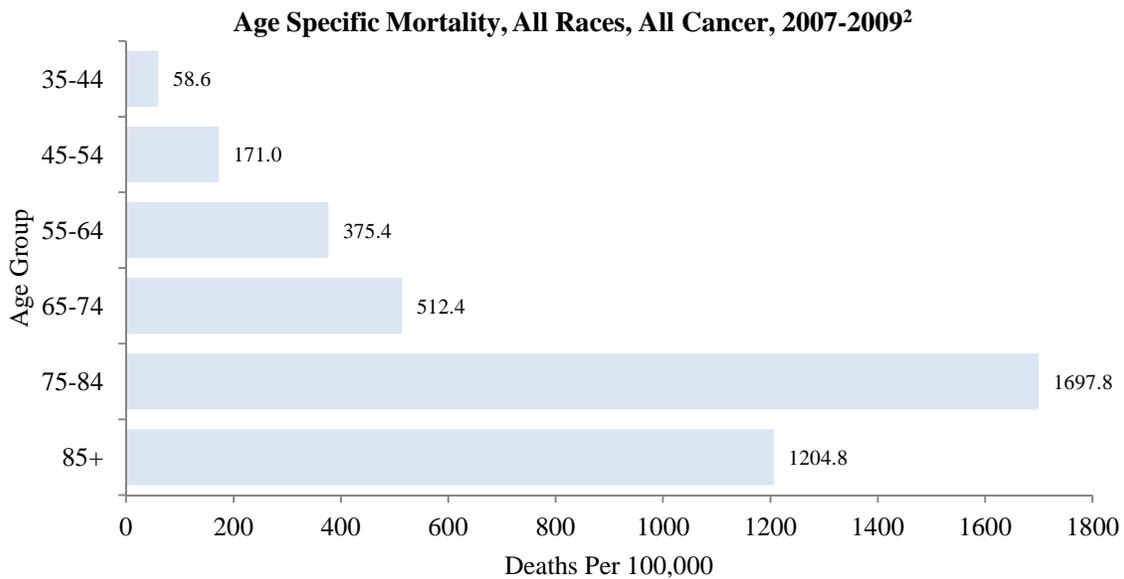
^ Indicates data has been suppressed due to small numbers.

Cancer



Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black | Female | Male |
|-------------------------|-------|-------|-------|--------|-------|
| Incidence (per 100,000) | 356.5 | 355.6 | ^ | 306.0 | 416.9 |
| Mortality (per 100,000) | 202.2 | 202.8 | ^ | 194.6 | 212.6 |



¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

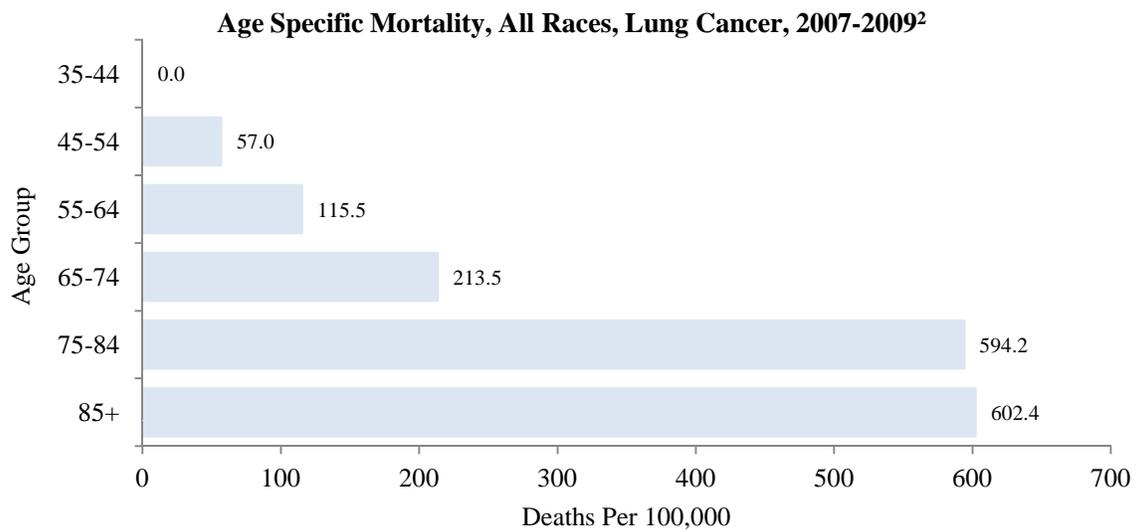
²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

Lung Cancer*

Lung Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black | Female | Male |
|-------------------------|-------|-------|-------|--------|------|
| Incidence (per 100,000) | 63.1 | 57.9 | ^ | 60.5 | 70.1 |
| Mortality (per 100,000) | 65.9 | 67.5 | 0.0 | 65.6 | 65.8 |



¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

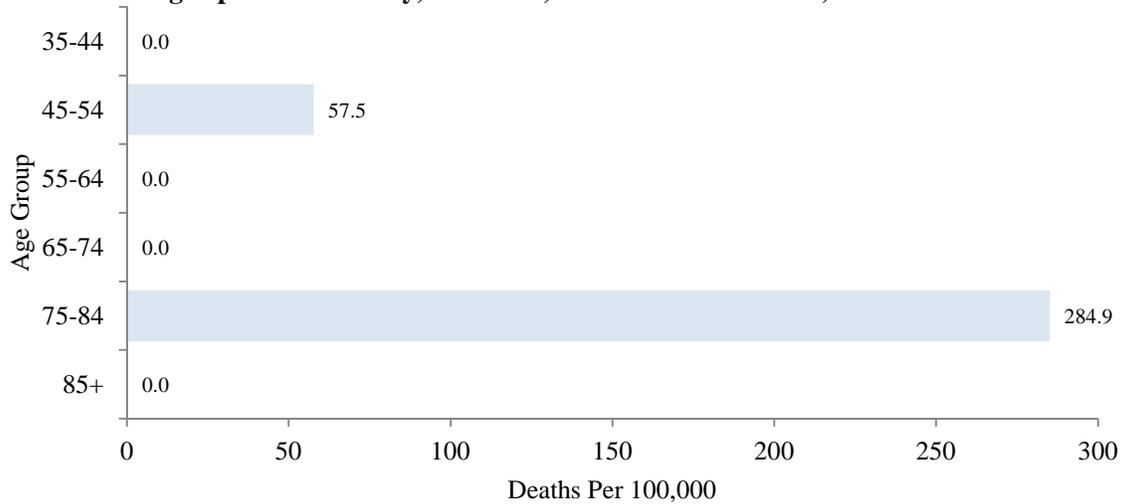
*All incidence trend data suppressed due to small numbers.

Breast Cancer*

Female Breast Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black |
|-------------------------|-------|-------|-------|
| Incidence (per 100,000) | 71.7 | 73.3 | 0.0 |
| Mortality (per 100,000) | ^ | ^ | 0.0 |

Age Specific Mortality, All Races, Female Breast Cancer, 2007-2009²



¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

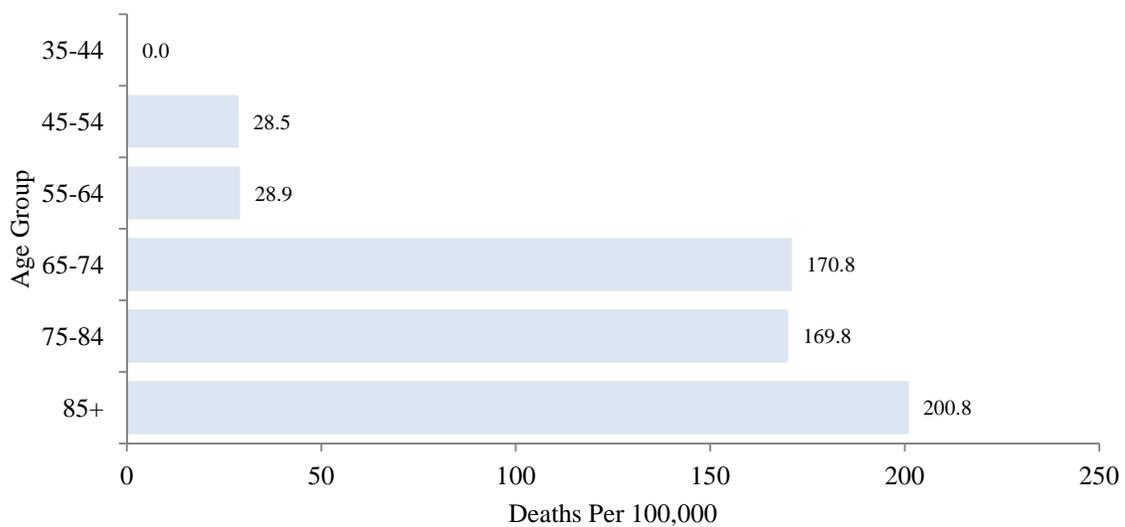
*All incidence trend data suppressed due to small numbers.

Colorectal Cancer*

Colorectal Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black | Female | Male |
|-------------------------|-------|-------|-------|--------|------|
| Incidence (per 100,000) | 38.0 | 38.9 | 0.0 | ^ | 60.9 |
| Mortality (per 100,000) | 23.7 | 24.4 | 0.0 | ^ | ^ |

Age Specific Mortality, All Races, Colorectal Cancer, 2007-2009²



¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

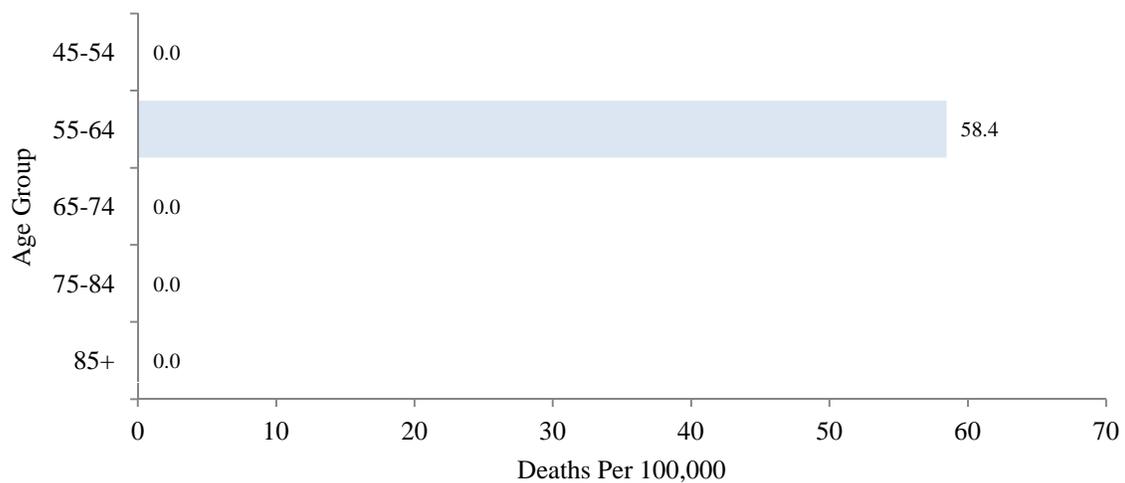
*All incidence trend data suppressed due to small numbers.

Prostate Cancer*

Prostate Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black |
|-------------------------|-------|-------|-------|
| Incidence (per 100,000) | 104.4 | 106.2 | 0.0 |
| Mortality (per 100,000) | ^ | ^ | 0.0 |

Age Specific Mortality, All Races, Prostate Cancer, 2007-2009²



¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

*All incidence trend data suppressed due to small numbers.

Cumberland

Demographics

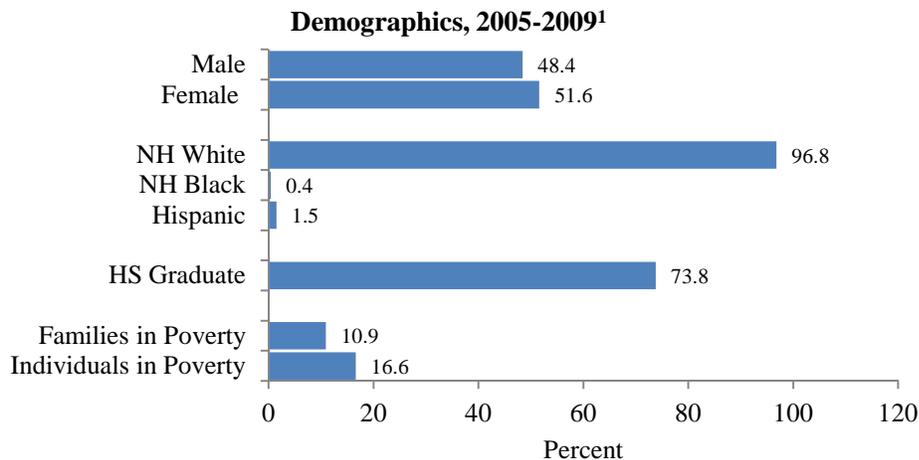


Quick Facts

| | |
|--|----------|
| Median Age ¹ : | 46.9 |
| Median Income ¹ : | \$36,346 |
| Home Ownership ¹ : | 80.9% |
| Unemployment ¹ : | 9.4% |
| Crime Rate ² (per 1,000): | 79.8 |
| Teen Pregnancy Rate ³ (per 1,000): | |
| Overall: | 65.3 |
| White: | 65.5 |
| Black: | ^ |
| Infant Mortality ⁴ (per 1,000): | |
| Overall: | 6.5 |
| White: | 6.6 |
| Black: | ^ |
| Automobile Accident Deaths ⁴ (per 100,000): | 21.8 |

Population by Age, Gender, and Race Distribution (2005-2009)¹

| Age | Gender | | Race | | | Total |
|-------|--------|--------|--------------------|--------------------|----------|--------|
| | Female | Male | Non-Hispanic White | Non-Hispanic Black | Hispanic | |
| <18 | 4,986 | 5,318 | 9,625 | 73 | 338 | 10,304 |
| 18-44 | 7,461 | 7,287 | 14,231 | 55 | 318 | 14,748 |
| 45-64 | 7,826 | 6,987 | 14,467 | 48 | 130 | 14,813 |
| 65+ | 6,986 | 6,001 | 12,826 | 41 | 32 | 12,987 |
| Total | 27,259 | 25,593 | 51,149 | 217 | 818 | 52,852 |



¹Data Source: U.S. Census Bureau, American Community Survey, 2005-2009.

²Data Source: Tennessee Bureau of Investigation. "Tennessee Incident Based Reporting System (TIBRS)" accessed July 26, 2011. <http://www.tennesseeonline.com/tibrspublic2005>, 2007-2009.

³Data Source: Birth Statistical System, Fetal Death Statistical System, and Induced Abortion Statistical System. Tennessee Department of Health, Division of Health Statistics, 2007-2009.

⁴Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics, 2007-2009.

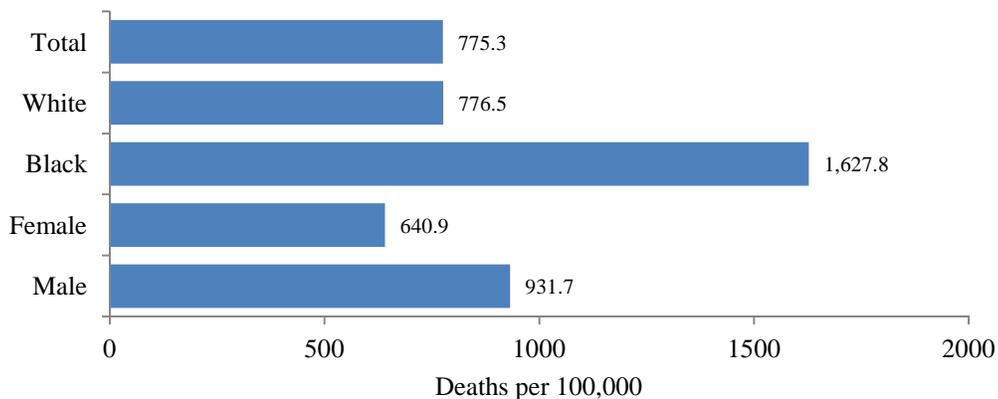
Leading Causes of Death

Leading Causes of Death, 2007-2009¹

| Rank ² | Cause | # Deaths | Age Adjusted Mortality Rate ³ and Demographic Ranking | | | | |
|-------------------|------------------------------------|----------|--|-------|---------|--------|-------|
| | | | Total | White | Black | Female | Male |
| 1 | Heart disease | 502 | 202.2 | 202.9 | 178.5 | 151.5 | 264.5 |
| 2 | Cancer | 478 | 185.4 | 185.6 | 224.2 | 138.4 | 240.0 |
| 3 | Chronic lower respiratory diseases | 118 | 45.0 | 45.3 | 0.0 | 42.9 | 49.9 |
| 4 | Alzheimer's disease | 101 | 37.5 | 37.6 | 0.0 | 48.4 | 20.6 |
| 5 | Accidents | 100 | 53.9 | 53.5 | 1,084.1 | 31.2 | 80.7 |
| 5 | Stroke | 100 | 37.7 | 37.8 | 0.0 | 36.7 | 38.5 |
| 7 | Diabetes mellitus | 34 | 13.4 | 13.5 | 0.0 | 15.5 | 11.1 |
| 8 | Suicide | 30 | 17.0 | 17.1 | 0.0 | 8.8 | 26.8 |
| 9 | Septicemia | 27 | 11.3 | 11.3 | 0.0 | 14.2 | 7.4 |
| 10 | Kidney disease | 25 | 10.8 | 10.9 | 0.0 | 15.6 | 5.8 |

| | | | | | |
|--------------|---|---|---|---|---|
| Ranking Key: | 1 | 2 | 3 | 4 | 5 |
|--------------|---|---|---|---|---|

All Cause Mortality by Race, 2007-2009^{1,3}



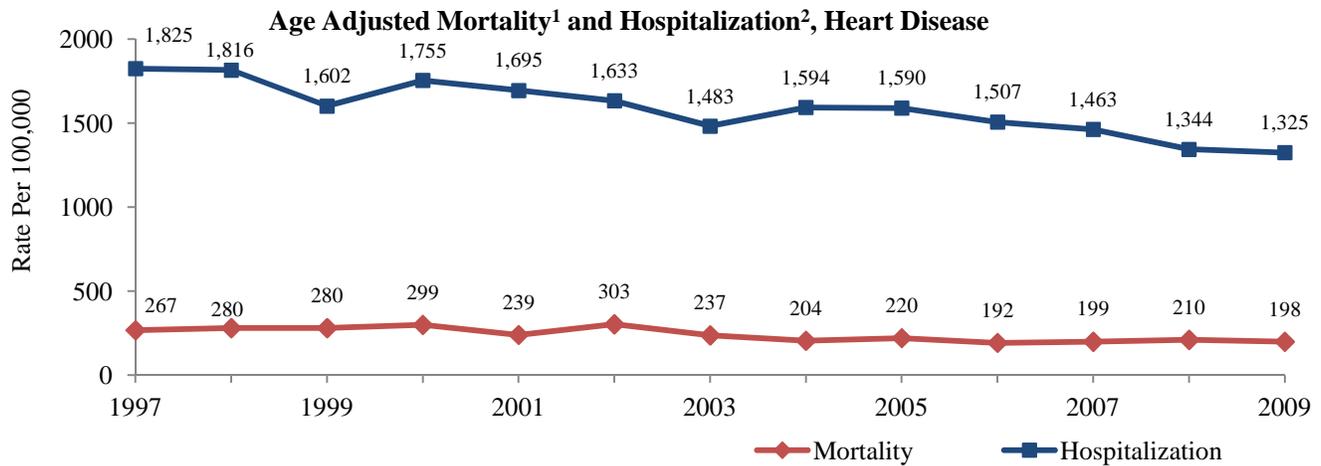
¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

²Ranking order is based on counts for the total population. Demographic ranking is based on counts for each subgroup.

³Annual mortality rate per 100,000 population, age adjusted to the 2000 standard US population.

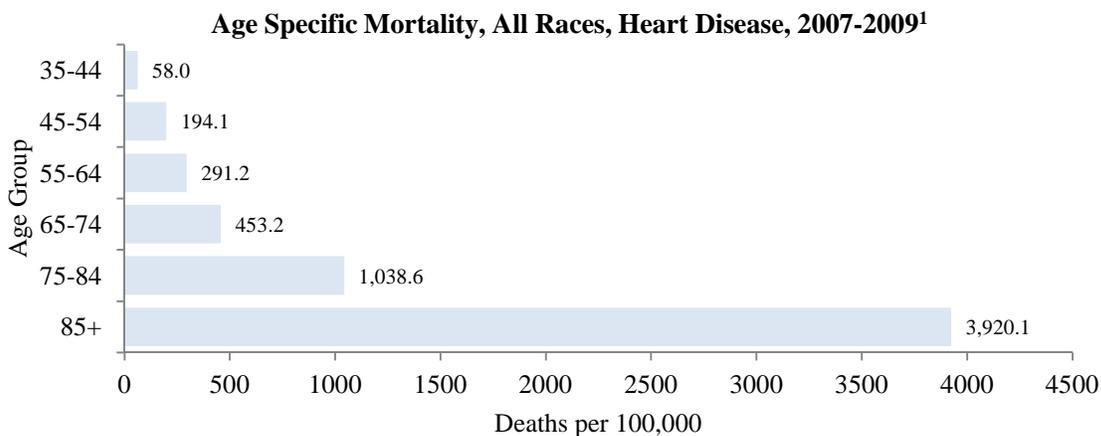
^ Indicates data has been suppressed due to small numbers.

Heart Disease



Heart Disease Mortality¹ and Hospitalization², 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|---------|---------|---------|---------|---------|
| Mortality (per 100,000) | 202.2 | 202.9 | 178.5 | 151.5 | 264.5 |
| Hospitalization (per 100,000) | 1,376.6 | 1,362.1 | 1,908.9 | 1,102.5 | 1,699.2 |

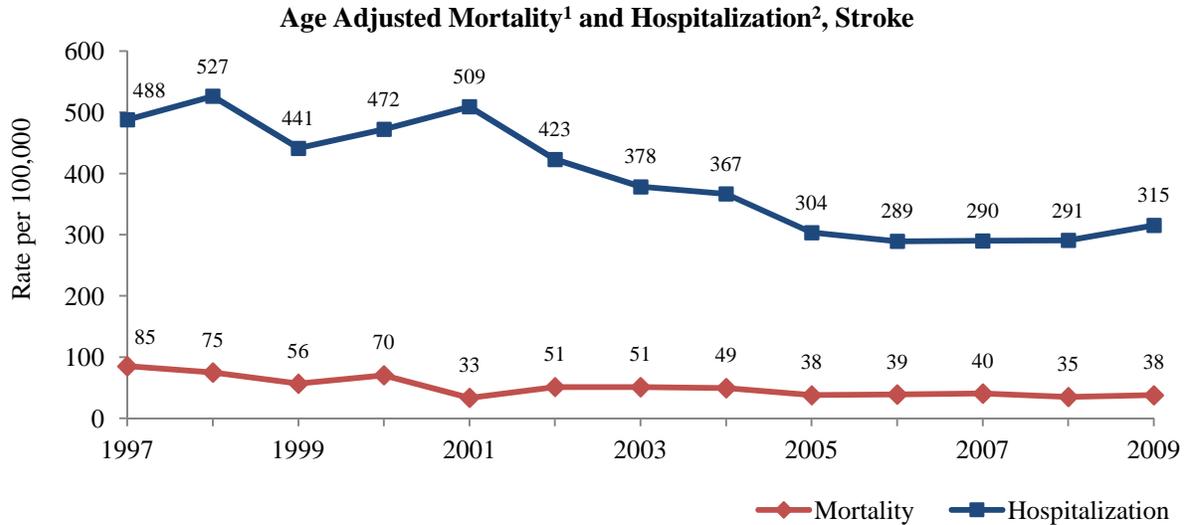


¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

²Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

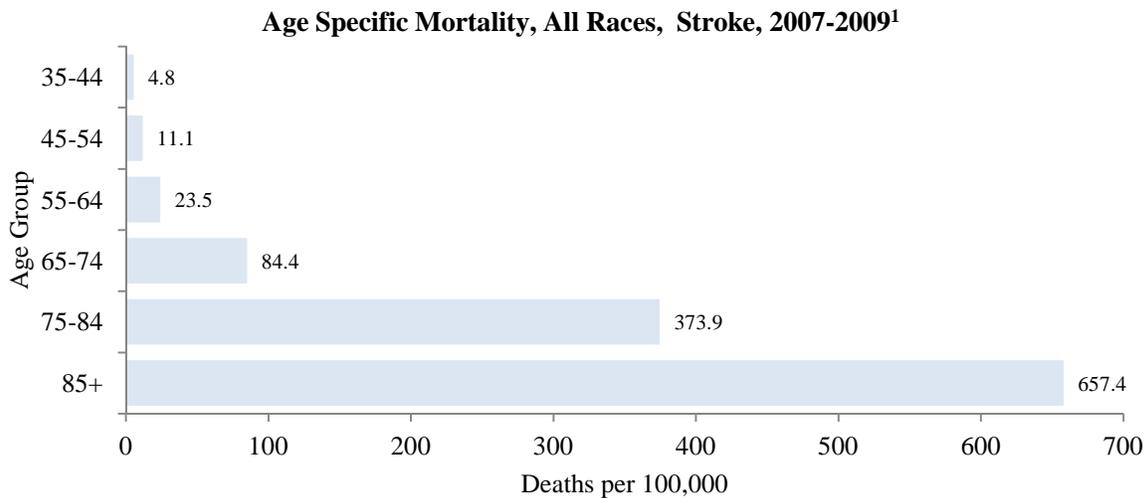
^ Indicates data has been suppressed due to small numbers.

Stroke



Stroke Mortality¹ and Hospitalization², 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|-------|-------|--------|--------|-------|
| Mortality (per 100,000) | 37.7 | 37.8 | 0.0 | 36.7 | 38.5 |
| Hospitalization (per 100,000) | 298.9 | 294.1 | 1095.2 | 244.8 | 360.2 |



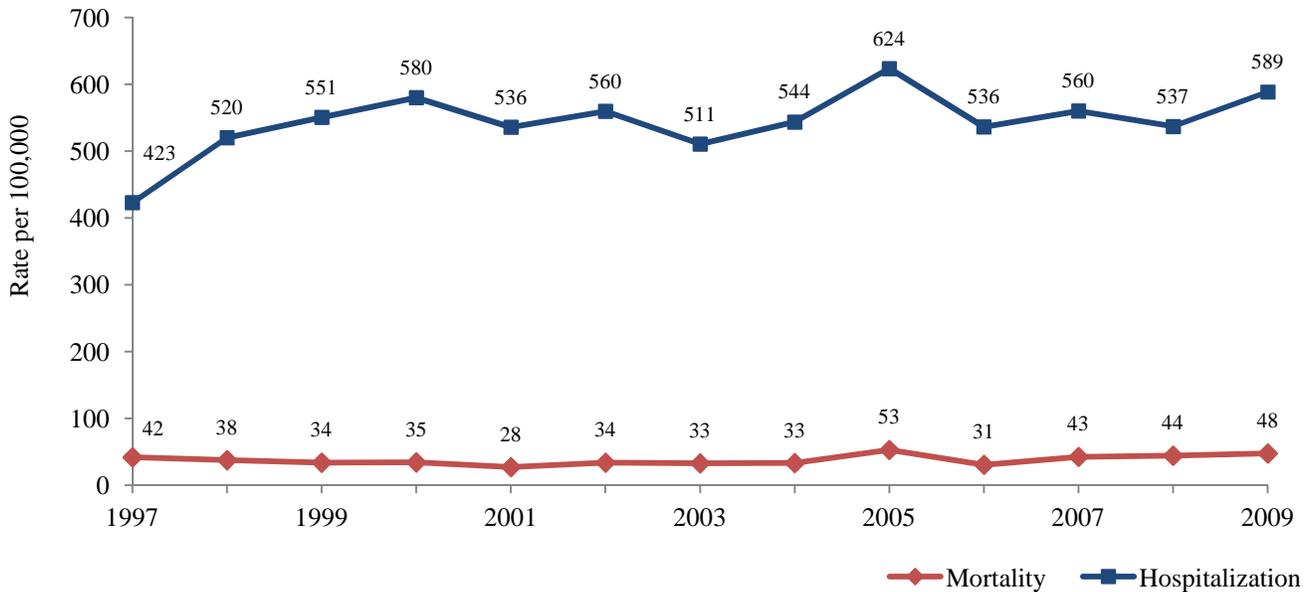
¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

²Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

^ Indicates data has been suppressed due to small numbers.

CLRD¹

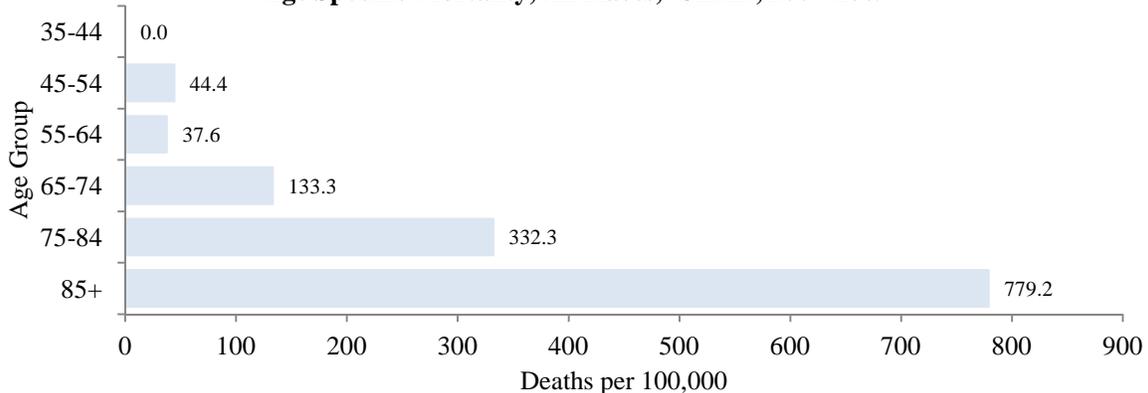
Age Adjusted Mortality² and Hospitalization³, CLRD



Chronic Lower Respiratory Disease Mortality² and Hospitalization³, 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|-------|-------|-------|--------|-------|
| Mortality (per 100,000) | 45.0 | 45.3 | 0.0 | 42.9 | 49.9 |
| Hospitalization (per 100,000) | 562.2 | 560.6 | 243.2 | 593.4 | 524.3 |

Age Specific Mortality, All Races, CLRD, 2007-2009²



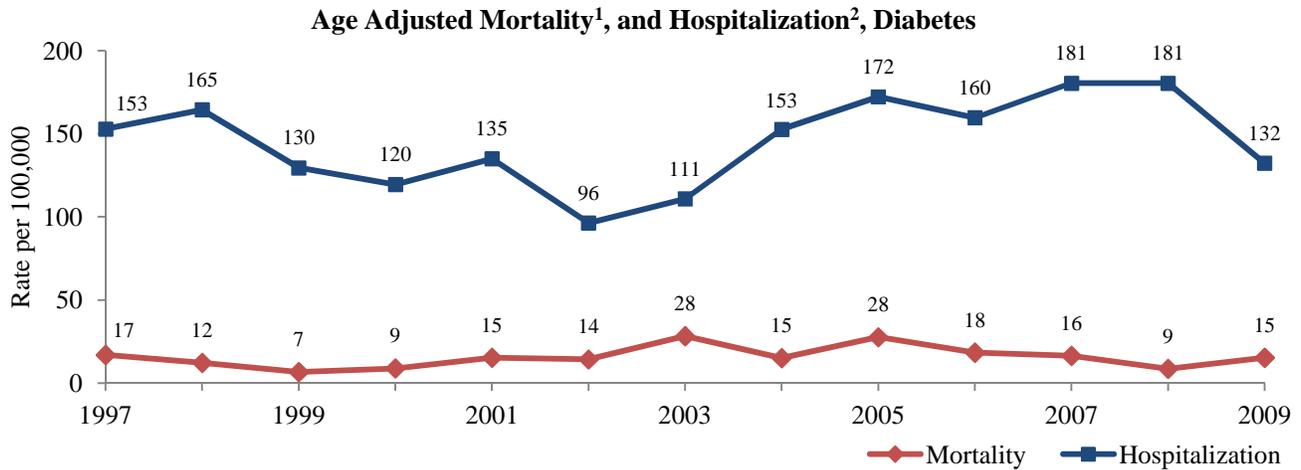
¹CLRD= Chronic Lower Respiratory Disease.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

³Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

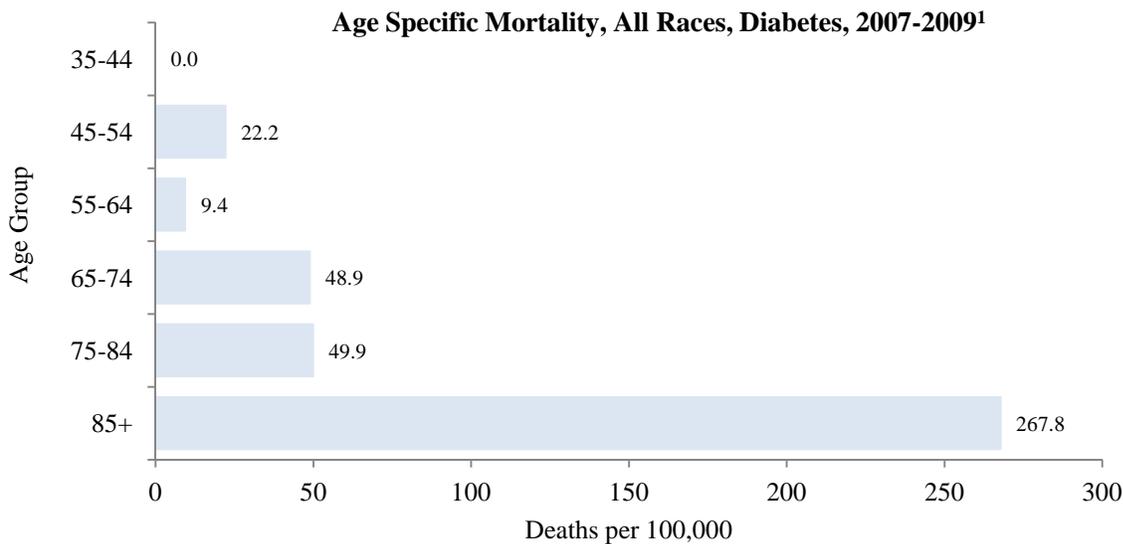
^ Indicates data has been suppressed due to small numbers.

Diabetes



Diabetes Mortality¹ and Hospitalization², 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|-------|-------|-------|--------|-------|
| Mortality (per 100,000) | 13.4 | 13.5 | 0.0 | 15.5 | 11.1 |
| Hospitalization (per 100,000) | 164.4 | 162.7 | 178.5 | 171.0 | 159.9 |

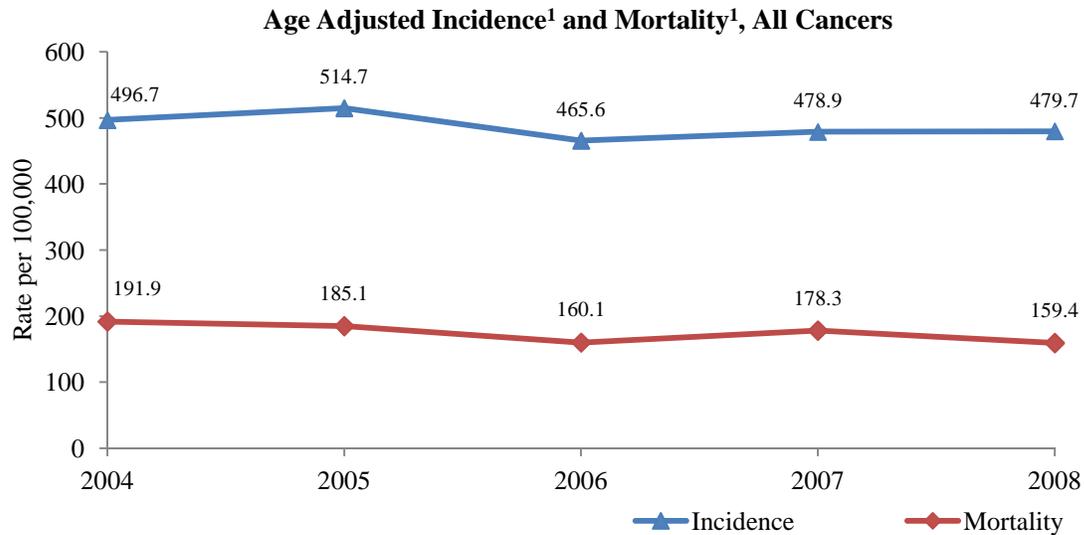


¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

²Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

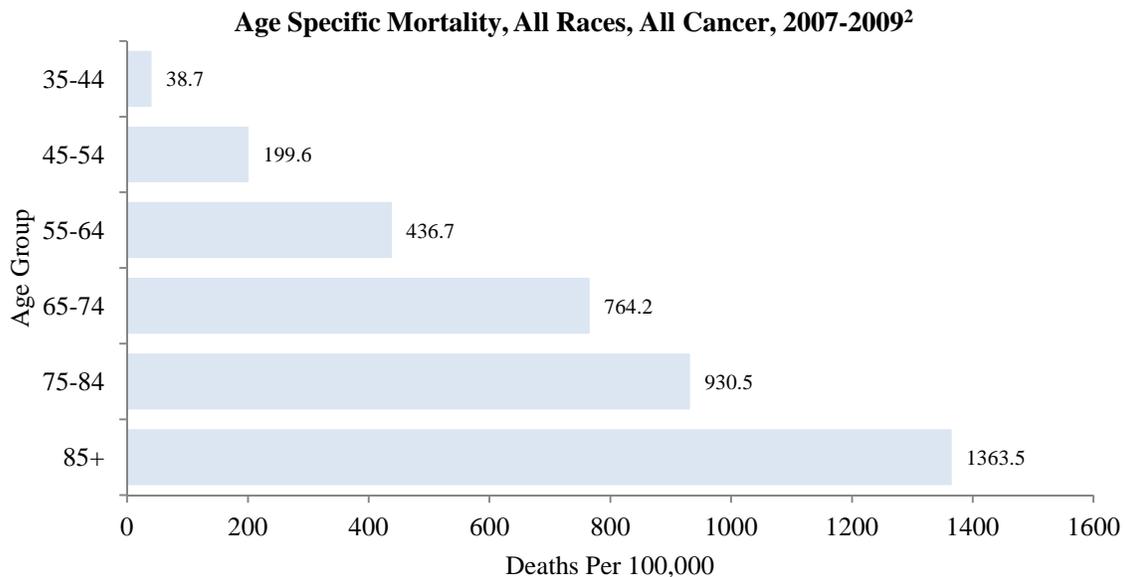
^ Indicates data has been suppressed due to small numbers.

Cancer



Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black | Female | Male |
|-------------------------|-------|-------|-------|--------|-------|
| Incidence (per 100,000) | 486.4 | 485.6 | ^ | 392.1 | 596.9 |
| Mortality (per 100,000) | 174.5 | 175.2 | 0.0 | 128.3 | 229.1 |

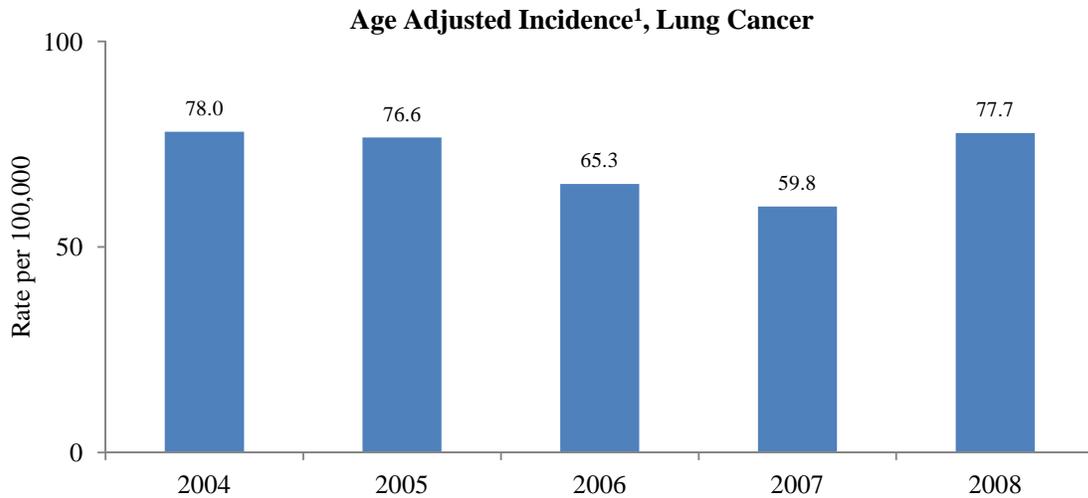


¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

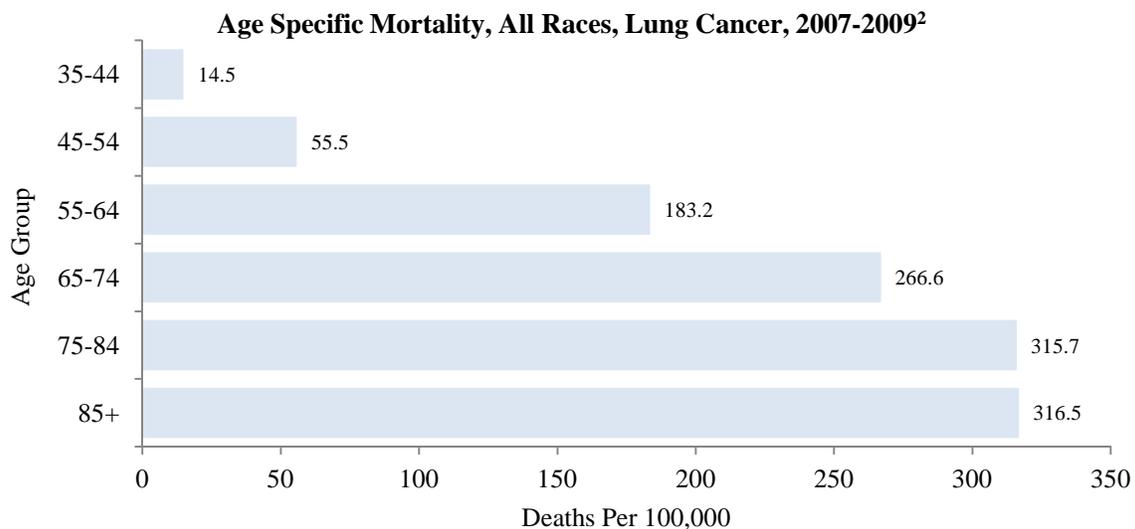
^ Indicates data has been suppressed due to small numbers.

Lung Cancer



Lung Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black | Female | Male |
|-------------------------|-------|-------|-------|--------|------|
| Incidence (per 100,000) | 71.2 | 71.7 | 0.0 | 53.3 | 92.1 |
| Mortality (per 100,000) | 54.0 | 54.2 | 0.0 | 36.3 | 74.8 |

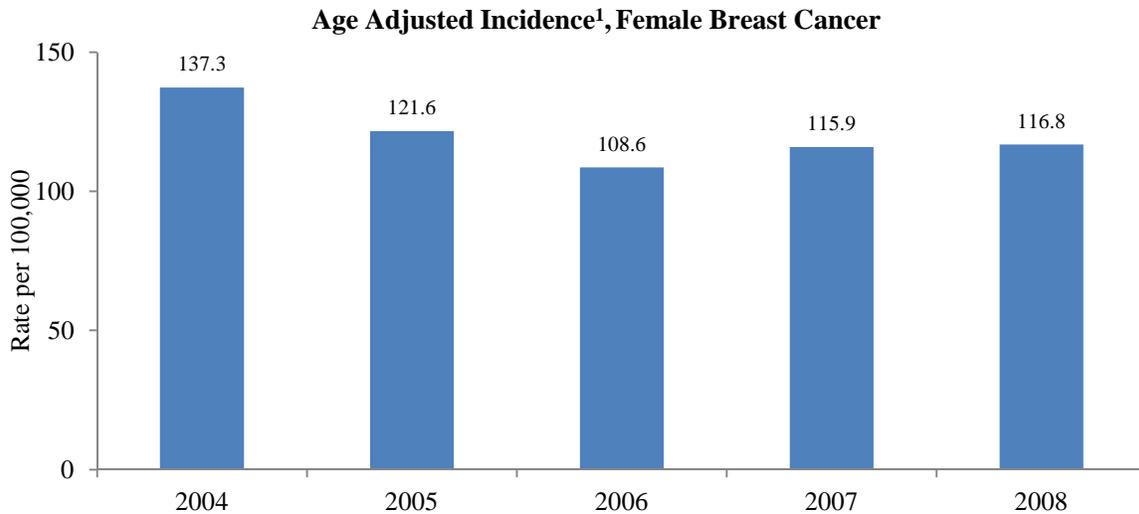


¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

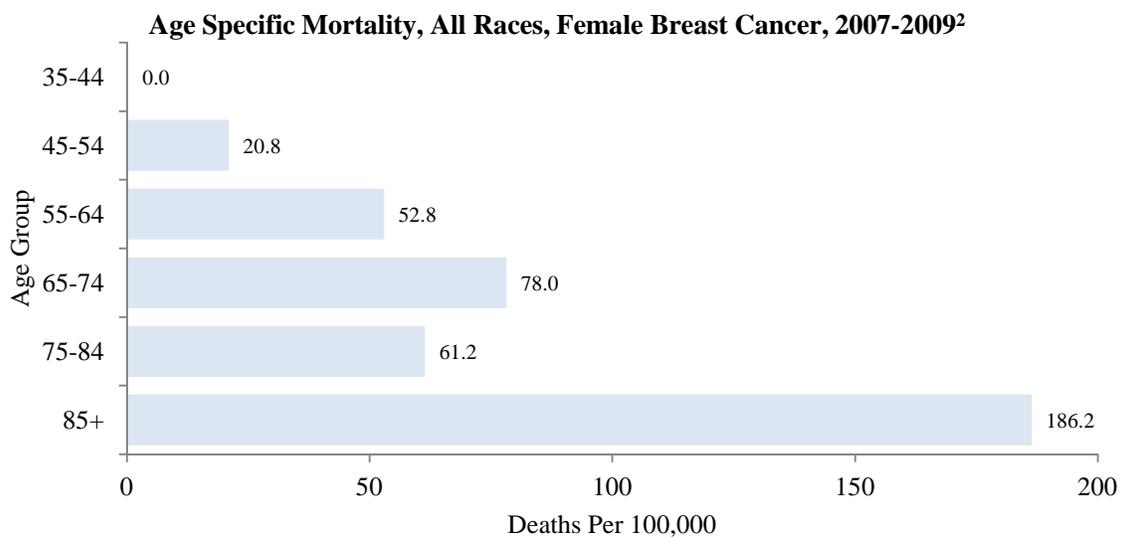
^ Indicates data has been suppressed due to small numbers.

Breast Cancer



Female Breast Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black |
|-------------------------|-------|-------|-------|
| Incidence (per 100,000) | 119.9 | 120.2 | 0.0 |
| Mortality (per 100,000) | 15.5 | 15.6 | 0.0 |



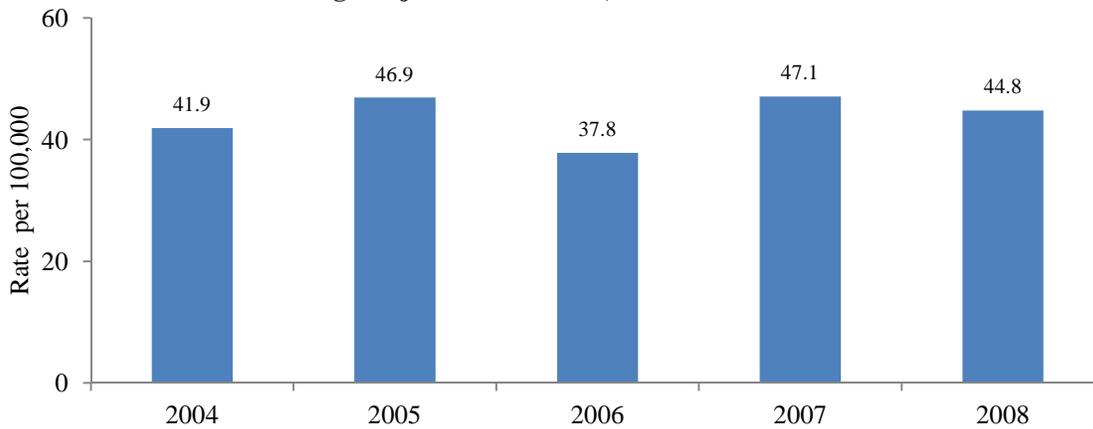
¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

Colorectal Cancer

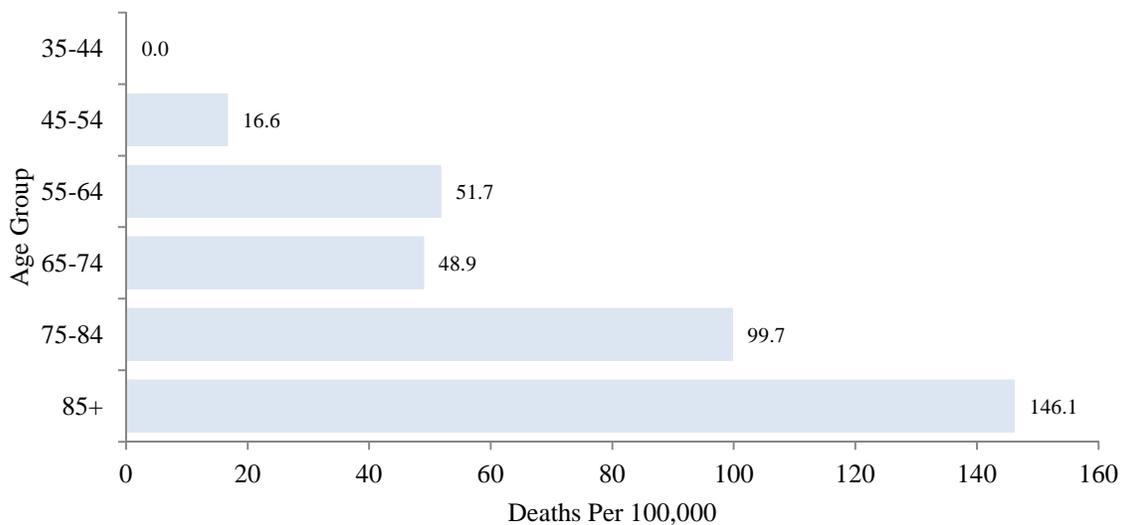
Age Adjusted Incidence¹, Colorectal Cancer



Colorectal Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black | Female | Male |
|-------------------------|-------|-------|-------|--------|------|
| Incidence (per 100,000) | 43.6 | 43.7 | 0.0 | 39.4 | 47.6 |
| Mortality (per 100,000) | 14.0 | 14.1 | 0.0 | 12.0 | 15.9 |

Age Specific Mortality, All Races, Colorectal Cancer, 2007-2009²



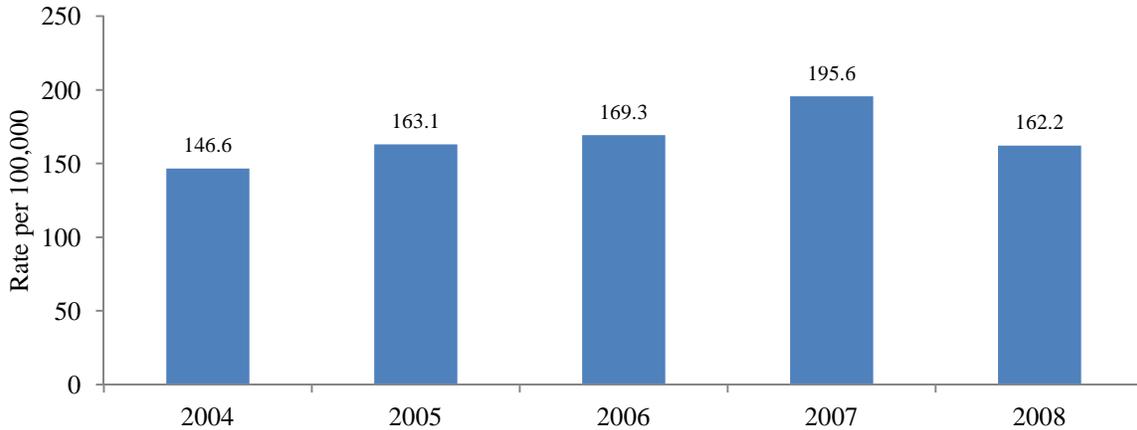
¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

Prostate Cancer

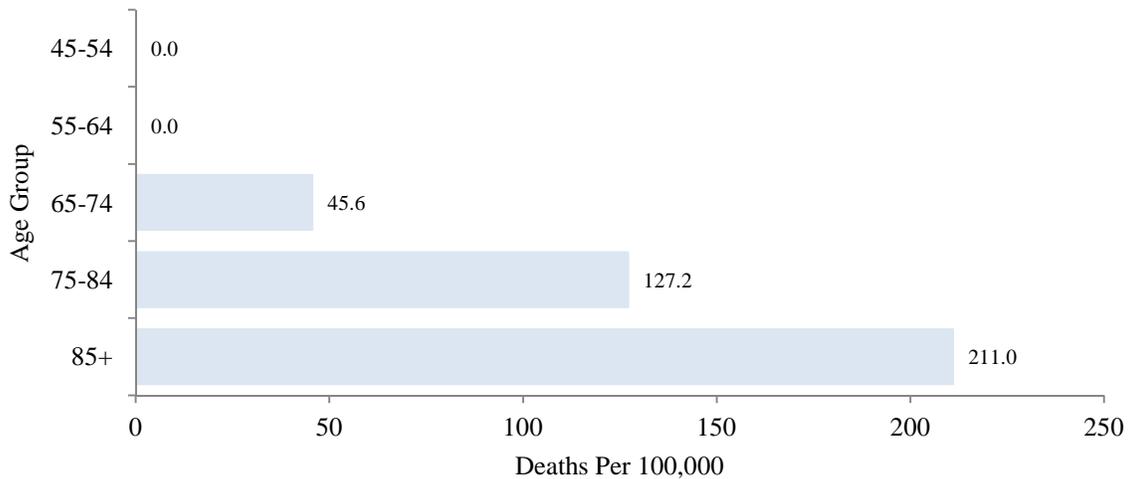
Age Adjusted Incidence¹, Prostate Cancer



Prostate Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black |
|-------------------------|-------|-------|-------|
| Incidence (per 100,000) | 168.3 | 166.8 | ^ |
| Mortality (per 100,000) | 18.3 | 18.4 | 0.0 |

Age Specific Mortality, All Races, Prostate Cancer, 2007-2009²

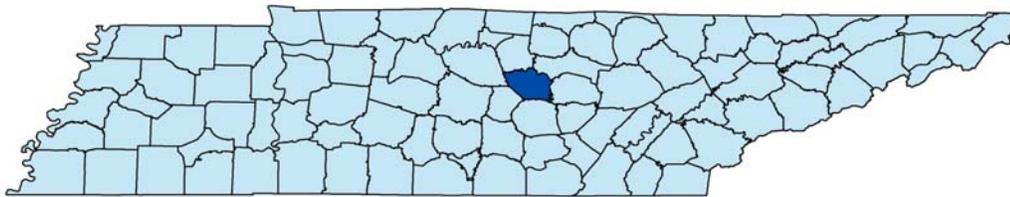


¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

Demographics

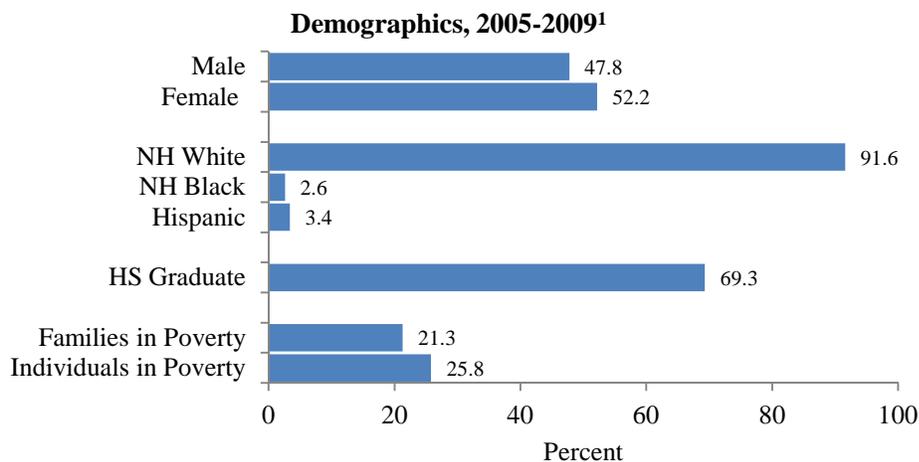


Quick Facts

| | |
|--|----------|
| Median Age ¹ : | 43.8 |
| Median Income ¹ : | \$25,333 |
| Home Ownership ¹ : | 73.3% |
| Unemployment ¹ : | 12.0% |
| Crime Rate ² (per 1,000): | 79.6 |
| Teen Pregnancy Rate ³ (per 1,000): | |
| Overall: | 63.4 |
| White: | 64.1 |
| Black: | ^ |
| Infant Mortality ⁴ (per 1,000): | |
| Overall: | 9.8 |
| White: | 10.0 |
| Black: | ^ |
| Automobile Accident Deaths ⁴ (per 100,000): | 36.4 |

Population by Age, Gender, and Race Distribution (2005-2009)¹

| Age | Gender | | Race | | | Total |
|-------|--------|-------|--------------------|--------------------|----------|--------|
| | Female | Male | Non-Hispanic White | Non-Hispanic Black | Hispanic | |
| <18 | 1,168 | 1,238 | 2,167 | 35 | 84 | 2,406 |
| 18-44 | 1,843 | 1,746 | 3,181 | 67 | 289 | 3,589 |
| 45-64 | 1,669 | 1,612 | 3,013 | 148 | 16 | 3,281 |
| 65+ | 1,305 | 891 | 2,146 | 46 | 0 | 2,196 |
| Total | 5,985 | 5,487 | 10,507 | 296 | 389 | 11,472 |



¹Data Source: U.S. Census Bureau, American Community Survey, 2005-2009.

²Data Source: Tennessee Bureau of Investigation. "Tennessee Incident Based Reporting System (TIBRS)" accessed July 26, 2011. <http://www.tennesseeonline.com/tibrpublic2005>, 2007-2009.

³Data Source: Birth Statistical System, Fetal Death Statistical System, and Induced Abortion Statistical System. Tennessee Department of Health, Division of Health Statistics, 2007-2009.

⁴Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics, 2007-2009.

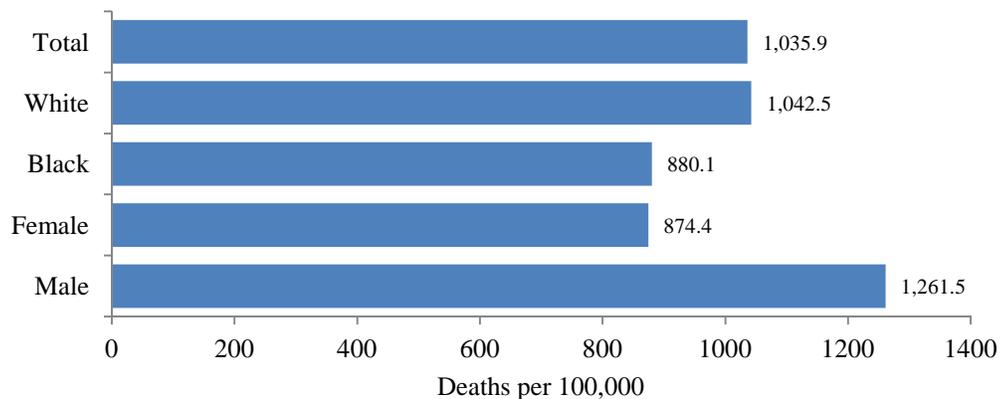
Leading Causes of Death

Leading Causes of Death, 2007-2009¹

| Rank ² | Cause | # Deaths | Age Adjusted Mortality Rate ³ and Demographic Ranking | | | | |
|-------------------|---|----------|--|-------|-------|--------|-------|
| | | | Total | White | Black | Female | Male |
| 1 | Heart disease | 154 | 241.2 | 241.0 | 281.0 | 211.0 | 284.4 |
| 2 | Cancer | 129 | 200.5 | 204.0 | 0.0 | 152.9 | 273.0 |
| 3 | Accidents | 55 | 94.9 | 96.9 | 0.0 | 64.0 | 129.3 |
| 4 | Chronic lower respiratory diseases | 46 | 72.3 | 73.7 | 0.0 | 42.1 | 113.9 |
| 5 | Stroke | 45 | 70.3 | 66.3 | 313.8 | 70.2 | 67.7 |
| 6 | Alzheimer's disease | 24 | 37.8 | 38.6 | 0.0 | 53.7 | 6.0 |
| 7 | Diabetes mellitus | 17 | 26.5 | 27.0 | 0.0 | 27.2 | 29.0 |
| 7 | Influenza and pneumonia | 17 | 26.4 | 25.1 | 128.1 | 26.3 | 28.1 |
| 7 | Suicide | 17 | 28.8 | 29.4 | 0.0 | 15.5 | 43.4 |
| 10 | Essential hypertension and hypertensive renal disease | 9 | 14.7 | 15.0 | 0.0 | 6.1 | 27.5 |

| | | | | | |
|--------------|---|---|---|---|---|
| Ranking Key: | 1 | 2 | 3 | 4 | 5 |
|--------------|---|---|---|---|---|

All Cause Mortality by Race, 2007-2009^{1,3}



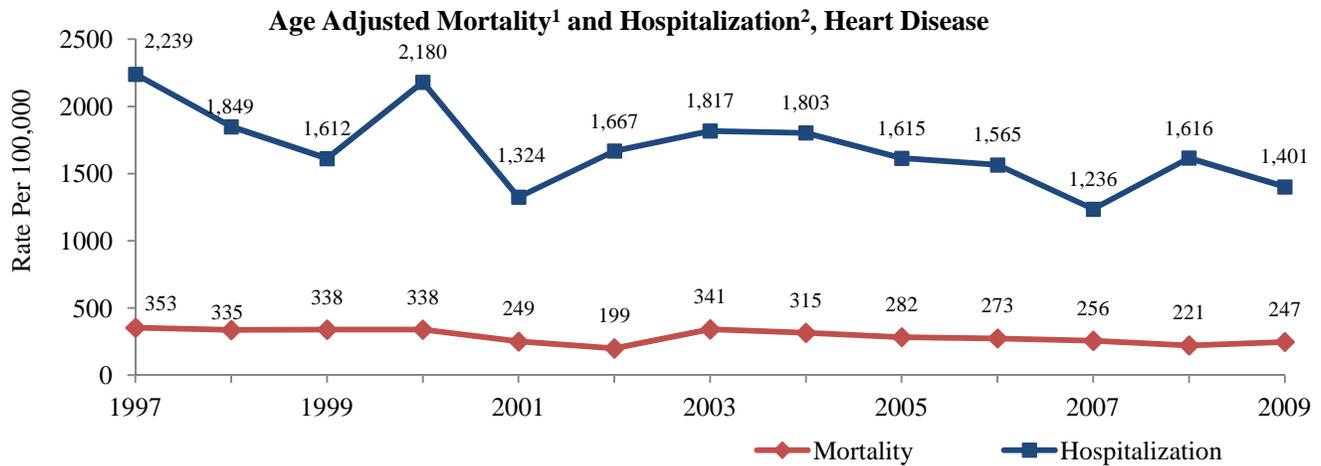
¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

²Ranking order is based on counts for the total population. Demographic ranking is based on counts for each subgroup.

³Annual mortality rate per 100,000 population, age adjusted to the 2000 standard US population.

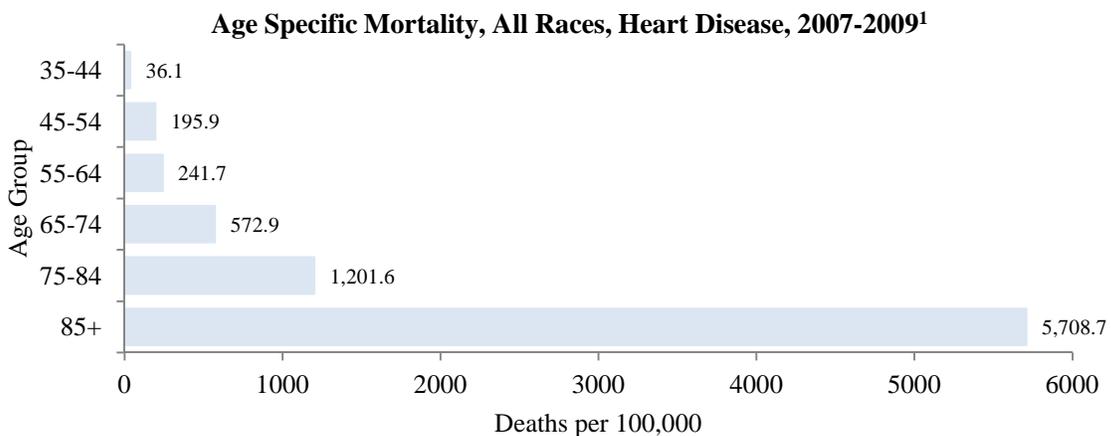
^ Indicates data has been suppressed due to small numbers.

Heart Disease



Heart Disease Mortality¹ and Hospitalization², 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|---------|---------|---------|---------|---------|
| Mortality (per 100,000) | 241.2 | 241.0 | 281.0 | 211.0 | 284.4 |
| Hospitalization (per 100,000) | 1,419.1 | 1,417.8 | 1,223.8 | 1,277.4 | 1,584.3 |

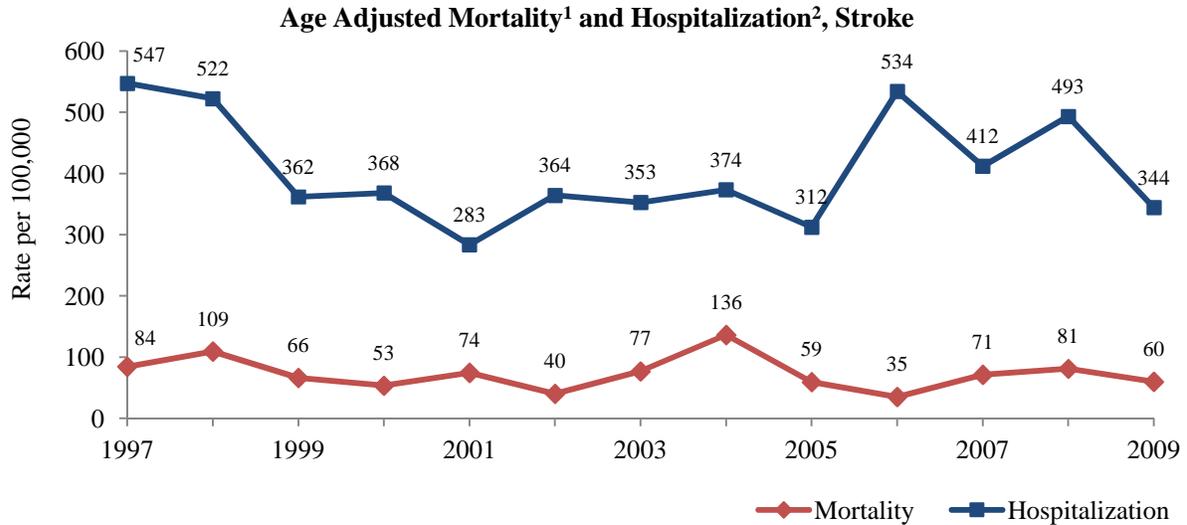


¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

²Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

^ Indicates data has been suppressed due to small numbers.

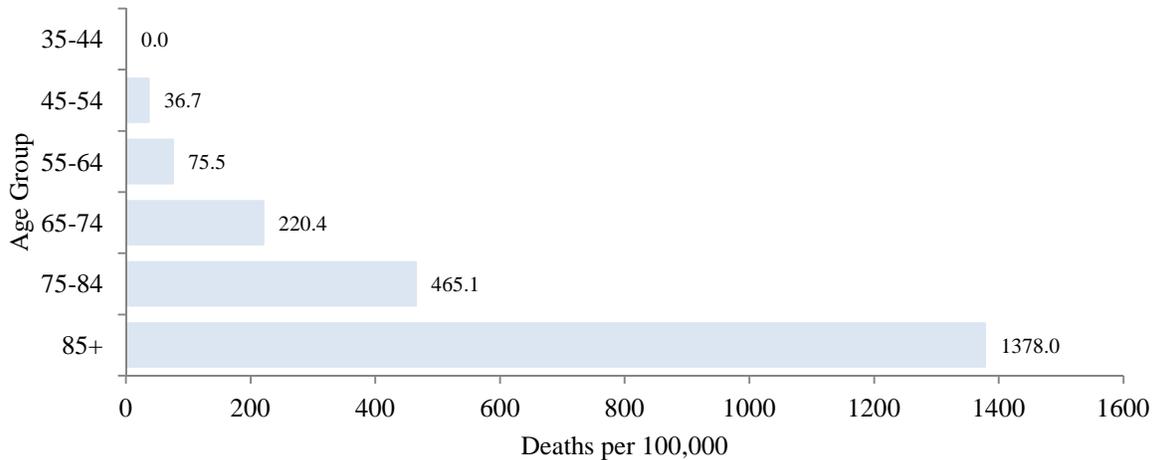
Stroke



Stroke Mortality¹ and Hospitalization², 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|-------|-------|-------|--------|-------|
| Mortality (per 100,000) | 70.3 | 66.3 | 313.8 | 70.2 | 67.7 |
| Hospitalization (per 100,000) | 416.2 | 413.5 | 515.5 | 395.9 | 428.9 |

Age Specific Mortality, All Races, Stroke, 2007-2009¹



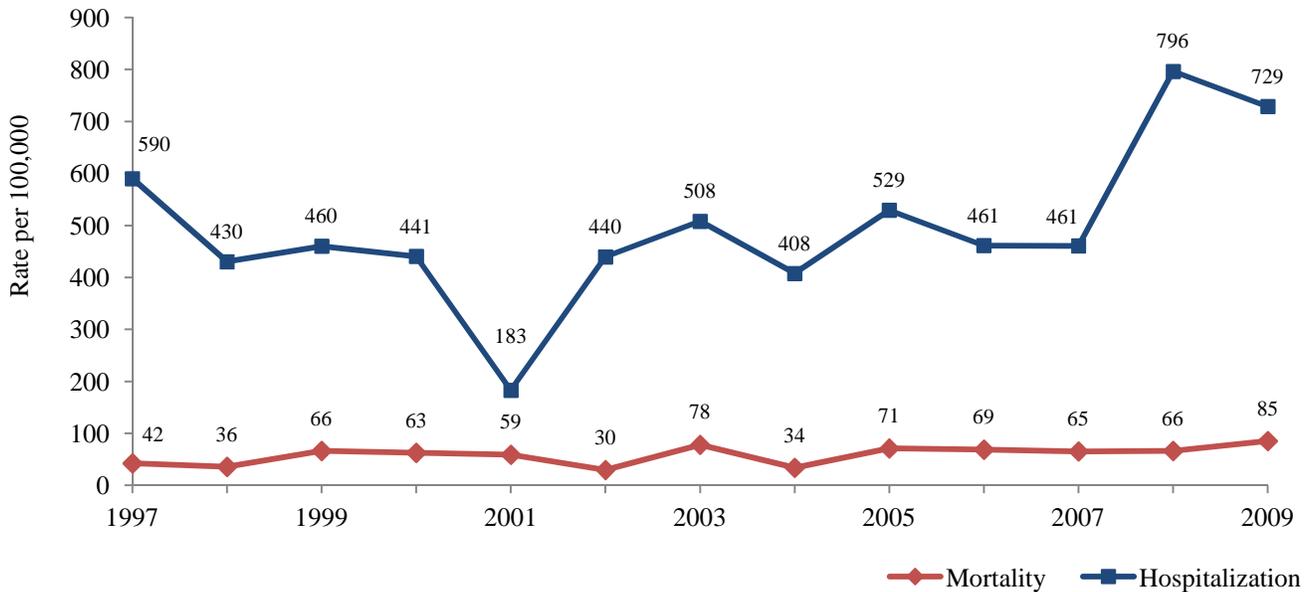
¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

²Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

^ Indicates data has been suppressed due to small numbers.

CLRD¹

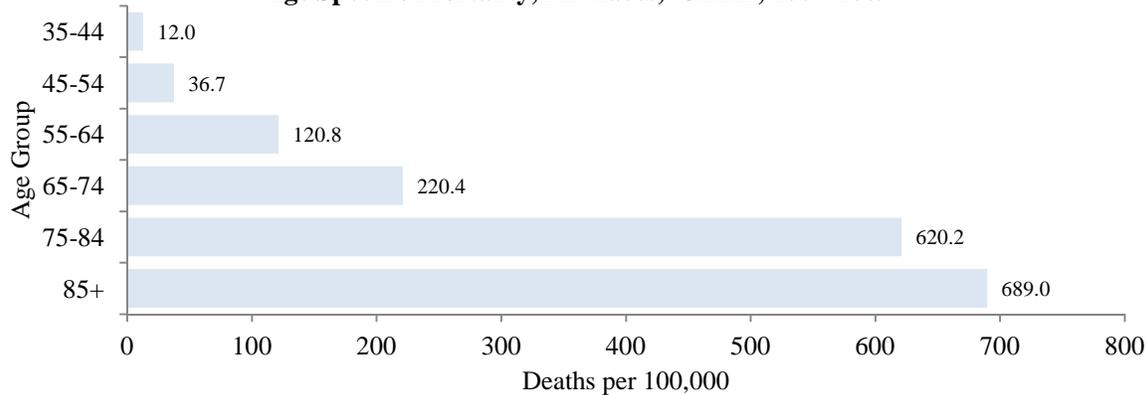
Age Adjusted Mortality² and Hospitalization³, CLRD



Chronic Lower Respiratory Disease Mortality² and Hospitalization³, 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|-------|-------|-------|--------|-------|
| Mortality (per 100,000) | 72.3 | 73.7 | 0.0 | 42.1 | 113.9 |
| Hospitalization (per 100,000) | 662.9 | 660.7 | 538.1 | 712.3 | 636.2 |

Age Specific Mortality, All Races, CLRD, 2007-2009²



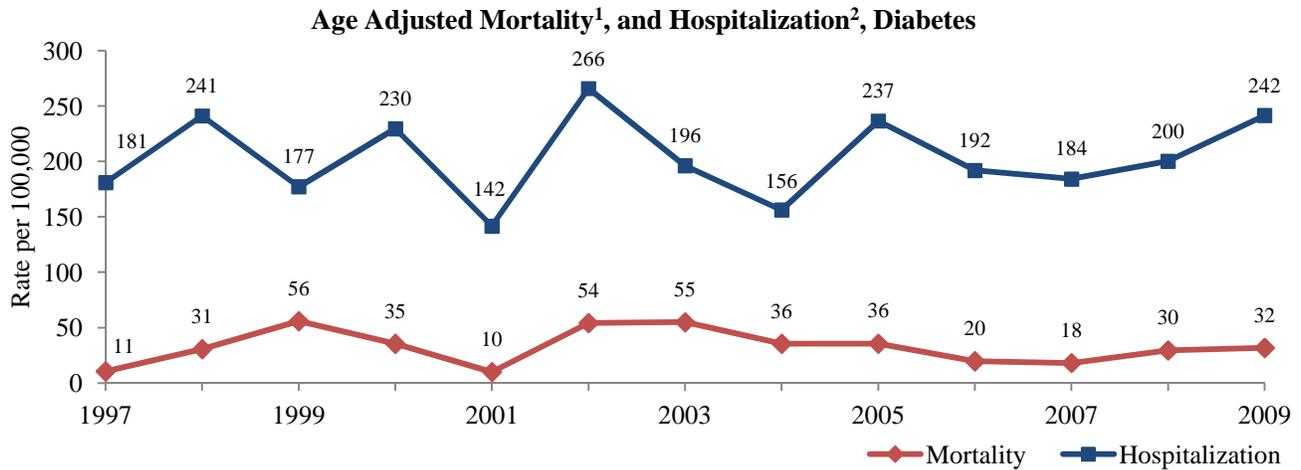
¹CLRD= Chronic Lower Respiratory Disease.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

³Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

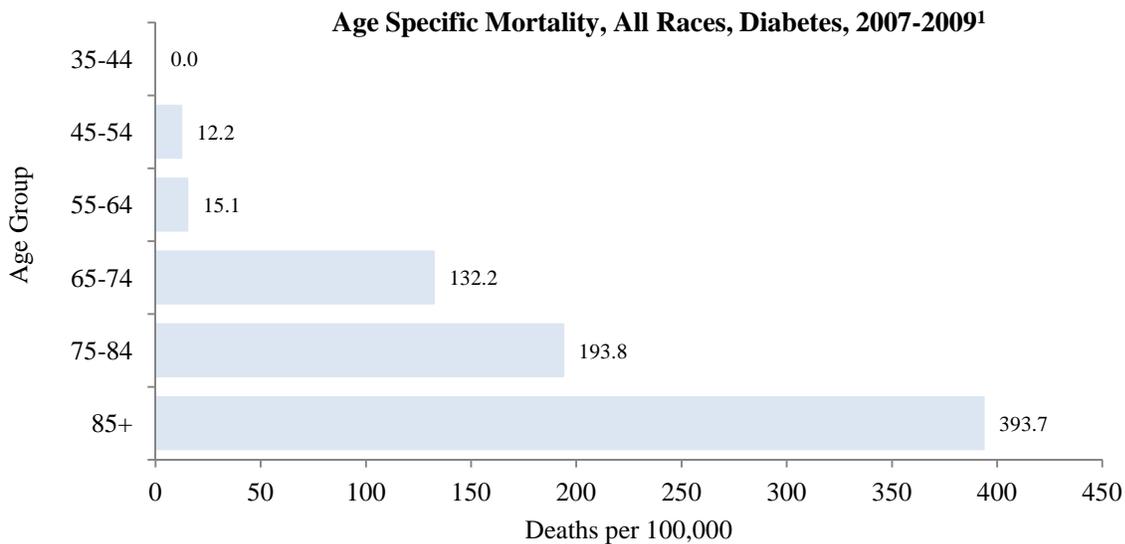
^ Indicates data has been suppressed due to small numbers.

Diabetes



Diabetes Mortality¹ and Hospitalization², 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|-------|-------|-------|--------|-------|
| Mortality (per 100,000) | 26.5 | 27.0 | 0.0 | 27.2 | 29.0 |
| Hospitalization (per 100,000) | 208.8 | 209.2 | 0.0 | 190.3 | 227.2 |

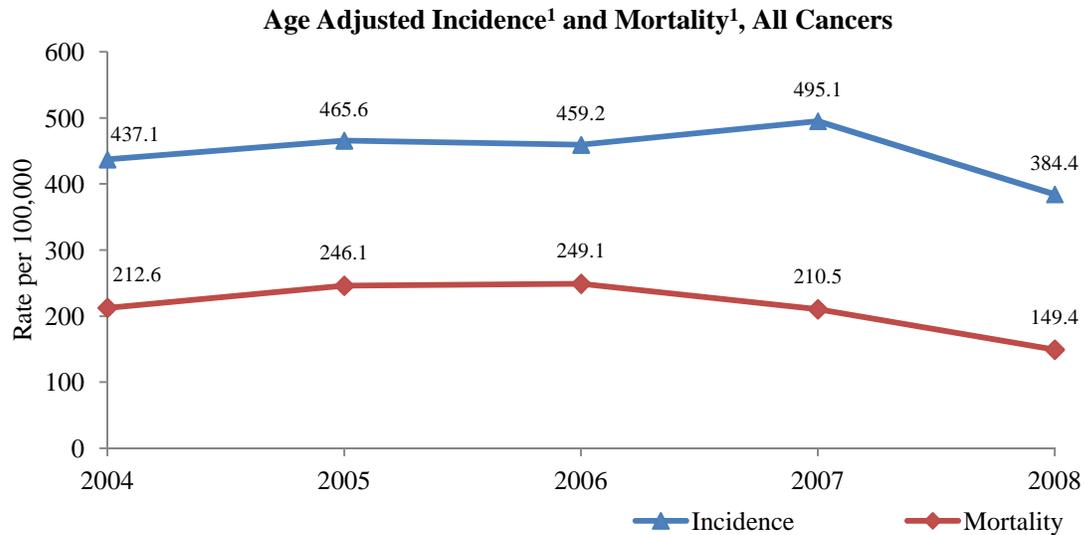


¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

²Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

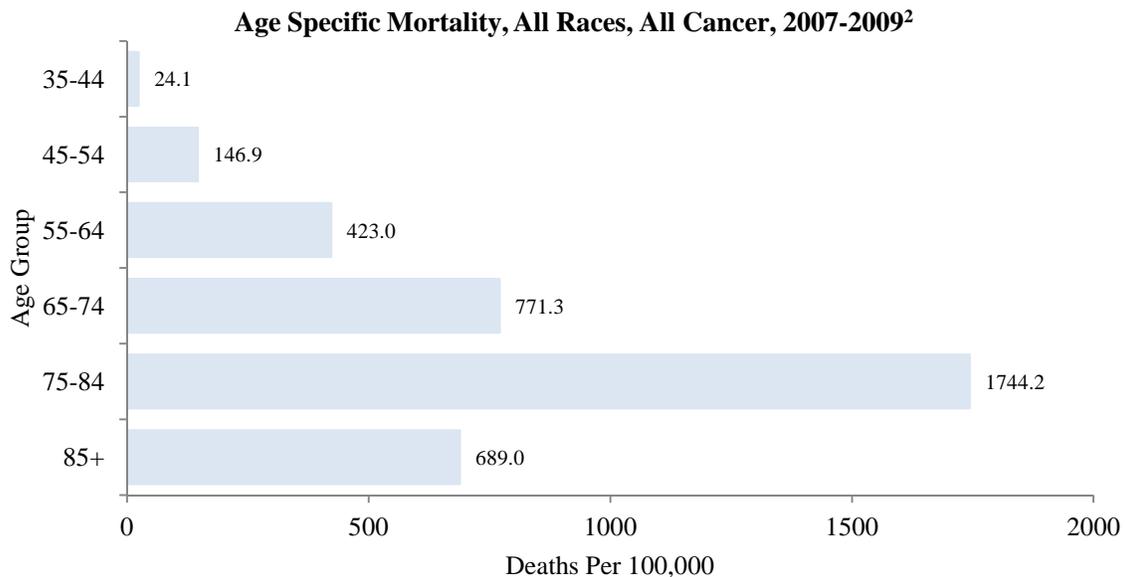
^ Indicates data has been suppressed due to small numbers.

Cancer



Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black | Female | Male |
|-------------------------|-------|-------|-------|--------|-------|
| Incidence (per 100,000) | 447.1 | 445.3 | ^ | 392.1 | 532.2 |
| Mortality (per 100,000) | 212.3 | 213.1 | ^ | 179.9 | 263.7 |

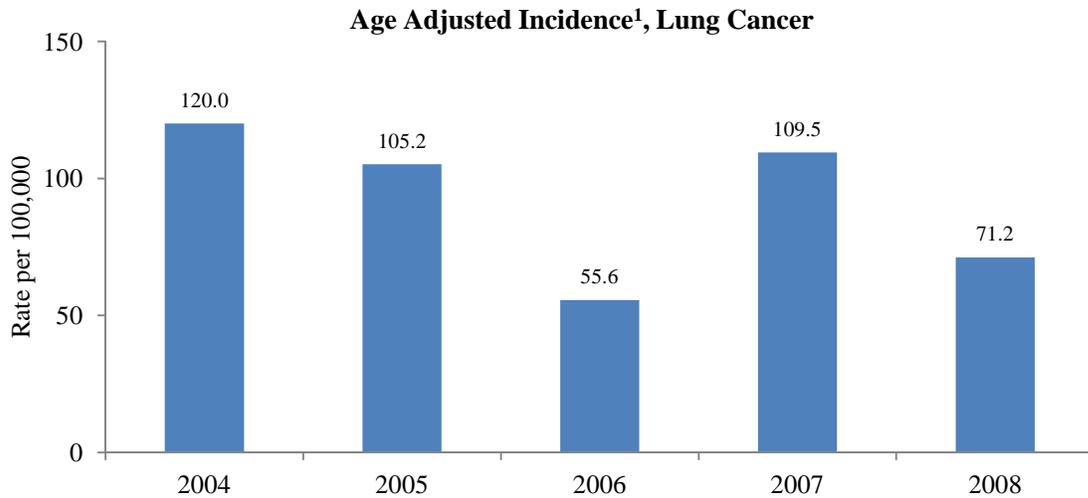


¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

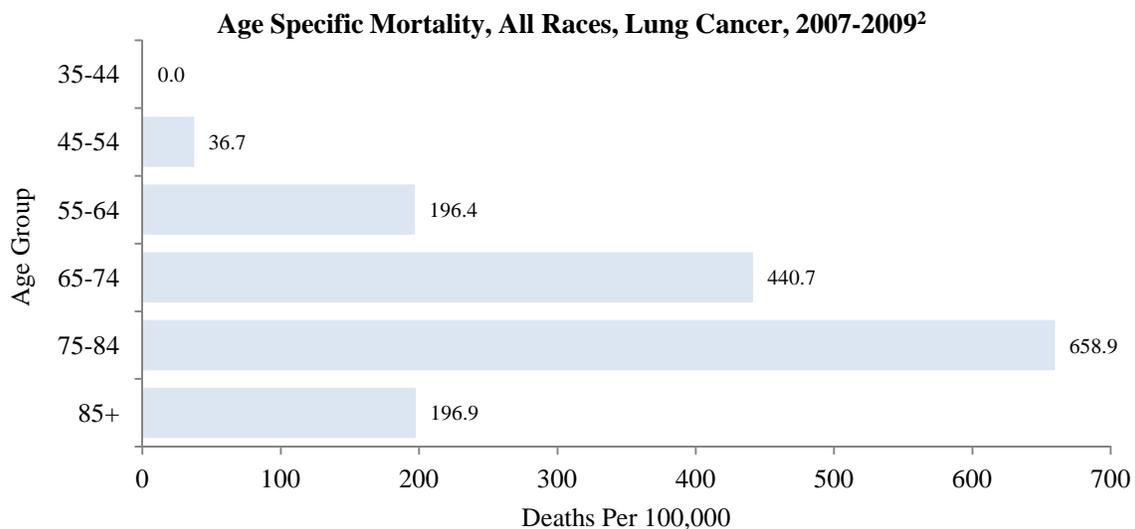
^ Indicates data has been suppressed due to small numbers.

Lung Cancer



Lung Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black | Female | Male |
|-------------------------|-------|-------|-------|--------|-------|
| Incidence (per 100,000) | 91.8 | 91.6 | ^ | 54.6 | 143.5 |
| Mortality (per 100,000) | 82.5 | 83.0 | ^ | 57.0 | 119.8 |



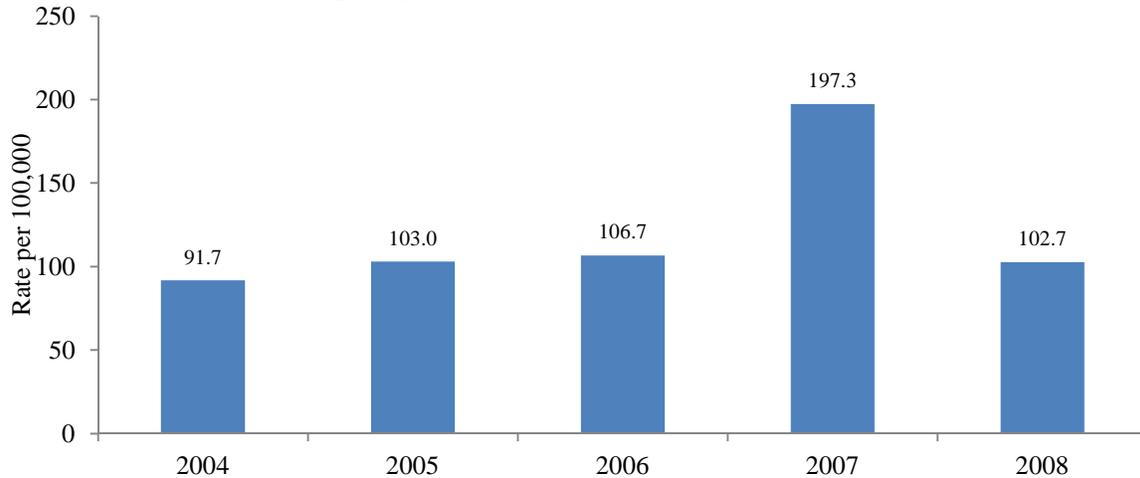
¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

Breast Cancer

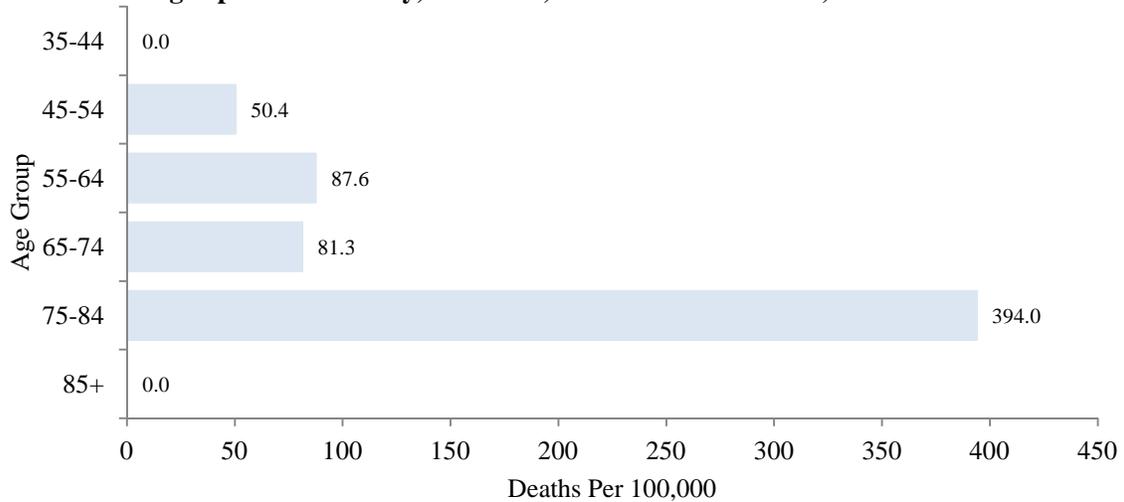
Age Adjusted Incidence¹, Female Breast Cancer



Female Breast Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black |
|-------------------------|-------|-------|-------|
| Incidence (per 100,000) | 119.8 | 120.4 | 0.0 |
| Mortality (per 100,000) | 27.3 | 27.7 | 0.0 |

Age Specific Mortality, All Races, Female Breast Cancer, 2007-2009²

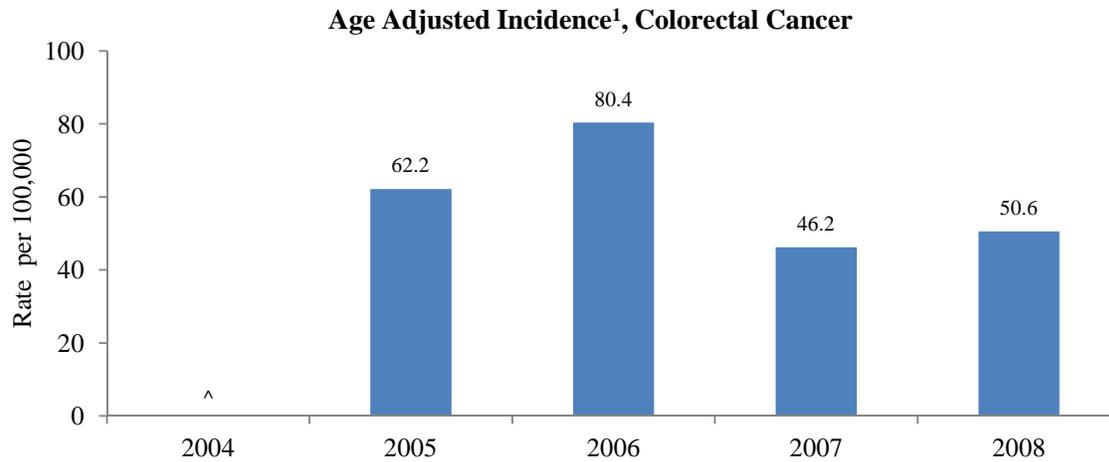


¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

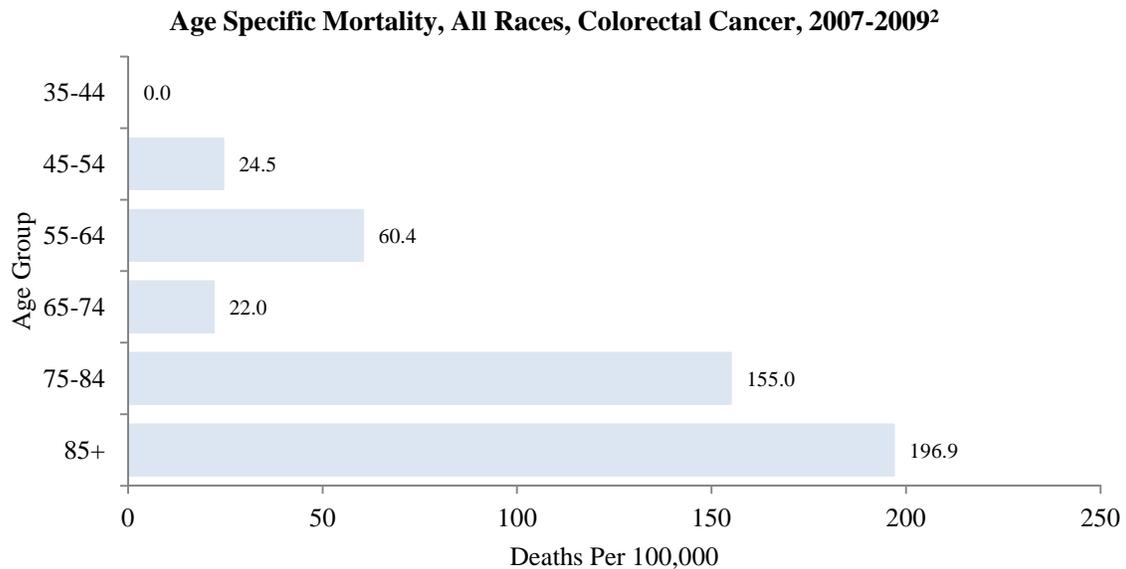
^ Indicates data has been suppressed due to small numbers.

Colorectal Cancer



Colorectal Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black | Female | Male |
|-------------------------|-------|-------|-------|--------|------|
| Incidence (per 100,000) | 55.5 | 55.5 | ^ | 51.7 | 61.8 |
| Mortality (per 100,000) | 18.1 | 18.4 | 0.0 | 19.0 | ^ |



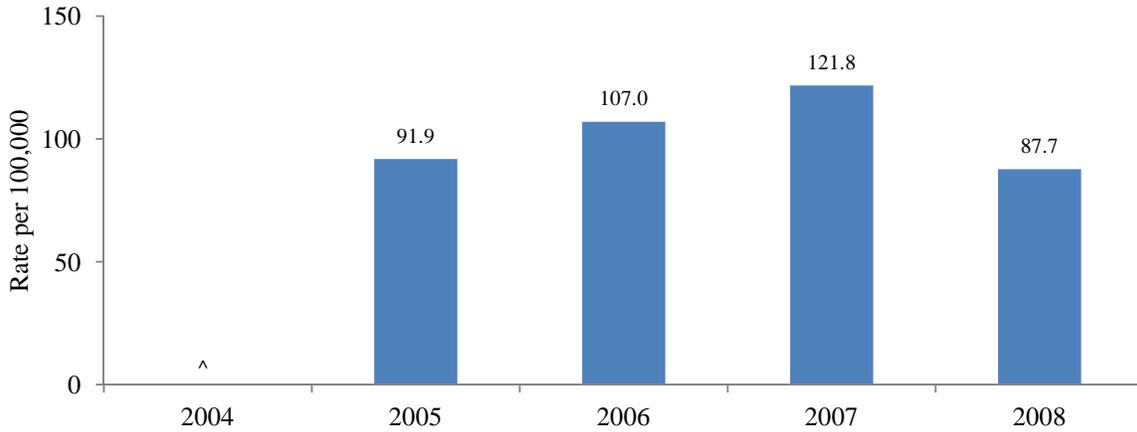
¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

Prostate Cancer

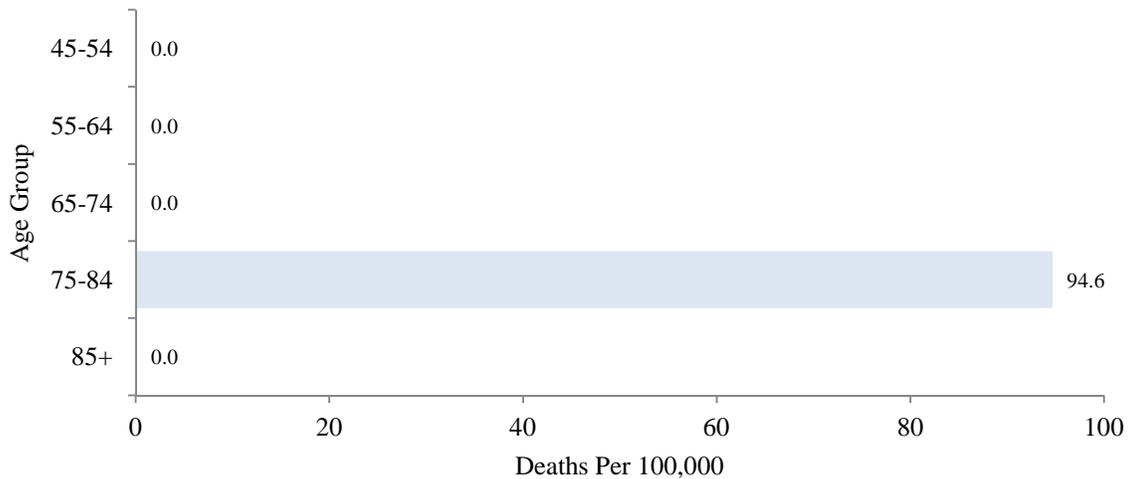
Age Adjusted Incidence¹, Prostate Cancer



Prostate Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black |
|-------------------------|-------|-------|-------|
| Incidence (per 100,000) | 100.3 | 99.6 | ^ |
| Mortality (per 100,000) | ^ | ^ | ^ |

Age Specific Mortality, All Races, Prostate Cancer, 2007-2009²



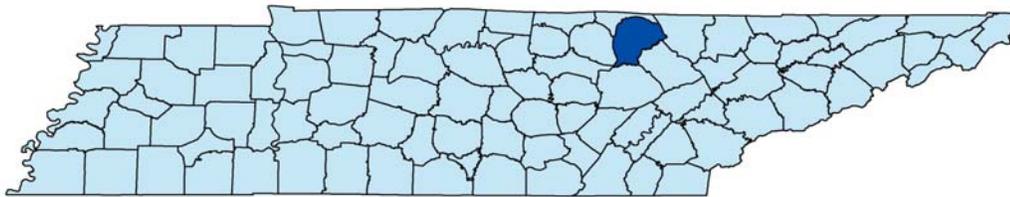
¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

Fentress

Demographics

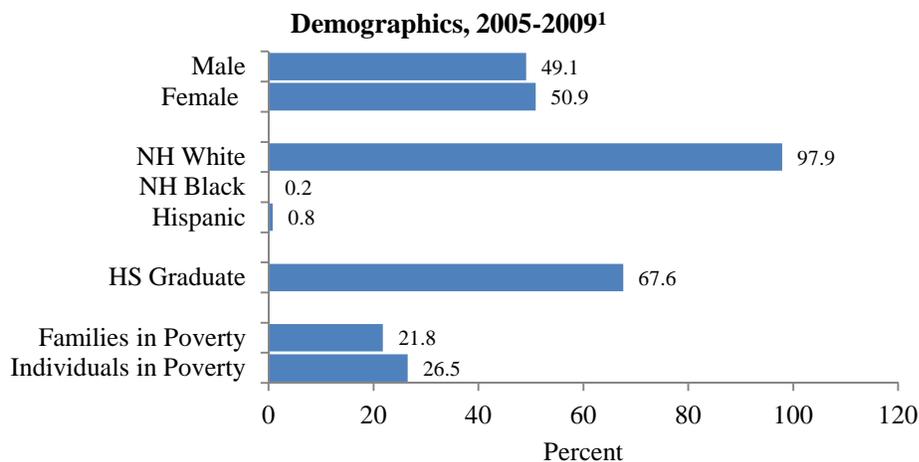


Quick Facts

| | |
|--|----------|
| Median Age ¹ : | 41.2 |
| Median Income ¹ : | \$28,407 |
| Home Ownership ¹ : | 77.4% |
| Unemployment ¹ : | 9.1% |
| Crime Rate ² (per 1,000): | 66.6 |
| Teen Pregnancy Rate ³ (per 1,000): | |
| Overall: | 51.8 |
| White: | 51.9 |
| Black: | ^ |
| Infant Mortality ⁴ (per 1,000): | |
| Overall: | 9.7 |
| White: | 9.8 |
| Black: | ^ |
| Automobile Accident Deaths ⁴ (per 100,000): | 30.2 |

Population by Age, Gender, and Race Distribution (2005-2009)¹

| Age | Gender | | Race | | | Total |
|-------|--------|-------|--------------------|--------------------|----------|--------|
| | Female | Male | Non-Hispanic White | Non-Hispanic Black | Hispanic | |
| <18 | 1,869 | 2,008 | 3,877 | 0 | 0 | 3,877 |
| 18-44 | 2,905 | 2,858 | 5,588 | 32 | 99 | 5,763 |
| 45-64 | 2,570 | 2,489 | 4,930 | 0 | 0 | 5,059 |
| 65+ | 1,514 | 1,199 | 2,649 | 0 | 43 | 2,713 |
| Total | 8,858 | 8,554 | 17,044 | 32 | 142 | 17,412 |



¹Data Source: U.S. Census Bureau, American Community Survey, 2005-2009.

²Data Source: Tennessee Bureau of Investigation. "Tennessee Incident Based Reporting System (TIBRS)" accessed July 26, 2011. <http://www.tennesseeonline.com/tibrpublic2005>, 2007-2009.

³Data Source: Birth Statistical System, Fetal Death Statistical System, and Induced Abortion Statistical System. Tennessee Department of Health, Division of Health Statistics, 2007-2009.

⁴Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics, 2007-2009.

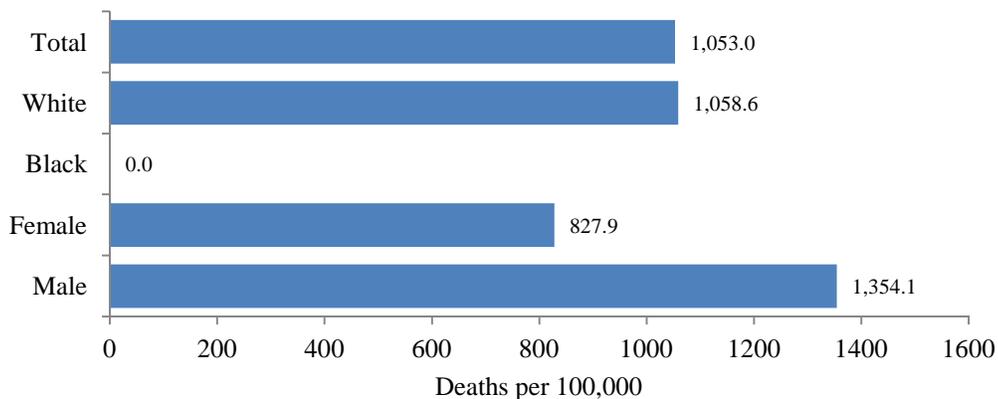
Leading Causes of Death

Leading Causes of Death, 2007-2009¹

| Rank ² | Cause | # Deaths | Age Adjusted Mortality Rate ³ and Demographic Ranking | | | | |
|-------------------|------------------------------------|----------|--|-------|-------|--------|-------|
| | | | Total | White | Black | Female | Male |
| 1 | Cancer | 175 | 264.4 | 265.7 | 0.0 | 199.8 | 353.5 |
| 1 | Heart disease | 175 | 279.1 | 280.8 | 0.0 | 212.6 | 365.6 |
| 3 | Accidents | 53 | 92.8 | 93.2 | 0.0 | 61.9 | 128.7 |
| 4 | Chronic lower respiratory diseases | 51 | 76.8 | 77.2 | 0.0 | 51.8 | 113.5 |
| 5 | Stroke | 25 | 40.7 | 40.9 | 0.0 | 46.5 | 38.9 |
| 6 | Diabetes mellitus | 22 | 33.6 | 33.7 | 0.0 | 27.3 | 41.7 |
| 7 | Suicide | 15 | 26.8 | 26.9 | 0.0 | 14.1 | 40.1 |
| 8 | Influenza and pneumonia | 14 | 20.6 | 20.7 | 0.0 | 19.7 | 23.7 |
| 9 | Kidney disease | 13 | 22.6 | 22.7 | 0.0 | 15.7 | 31.8 |
| 10 | Alzheimer's disease | 8 | 13.3 | 13.4 | 0.0 | 17.0 | 4.4 |

| | | | | | |
|--------------|---|---|---|---|---|
| Ranking Key: | 1 | 2 | 3 | 4 | 5 |
|--------------|---|---|---|---|---|

All Cause Mortality by Race, 2007-2009^{1,3}



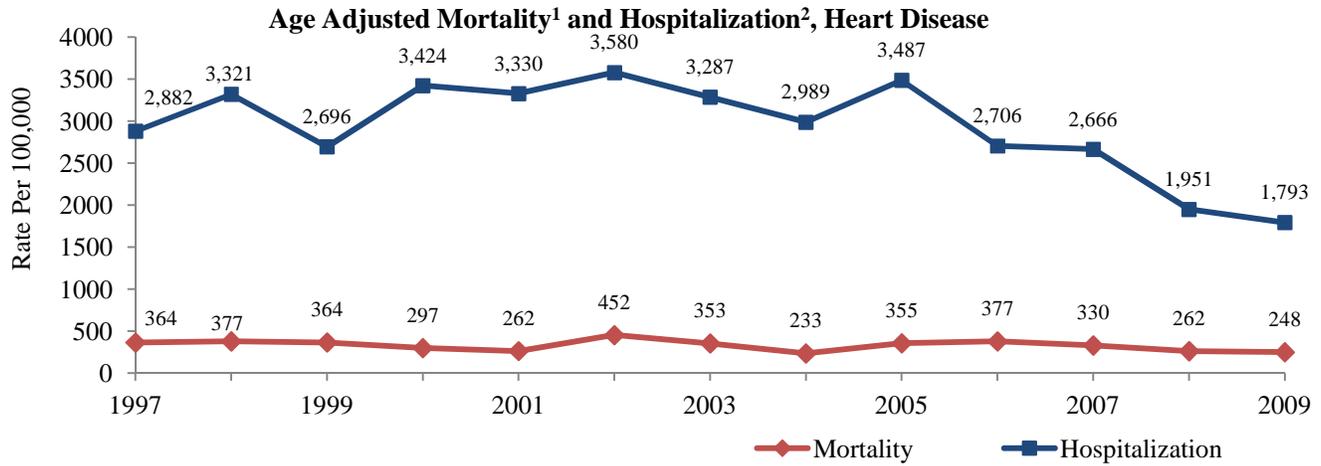
¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

²Ranking order is based on counts for the total population. Demographic ranking is based on counts for each subgroup.

³Annual mortality rate per 100,000 population, age adjusted to the 2000 standard US population.

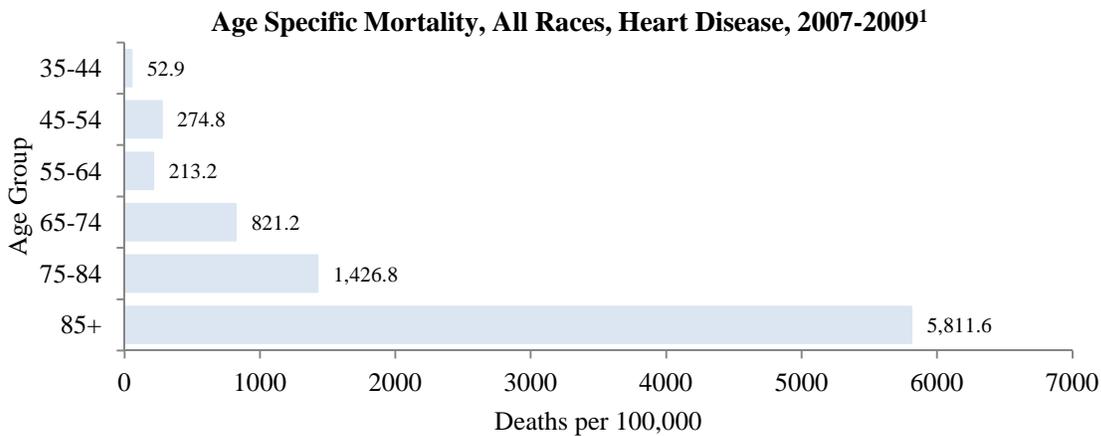
^ Indicates data has been suppressed due to small numbers.

Heart Disease



Heart Disease Mortality¹ and Hospitalization², 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|---------|---------|-------|---------|---------|
| Mortality (per 100,000) | 279.1 | 280.8 | 0.0 | 212.6 | 365.6 |
| Hospitalization (per 100,000) | 2,129.7 | 2,114.0 | 0.0 | 1,963.3 | 2,281.3 |

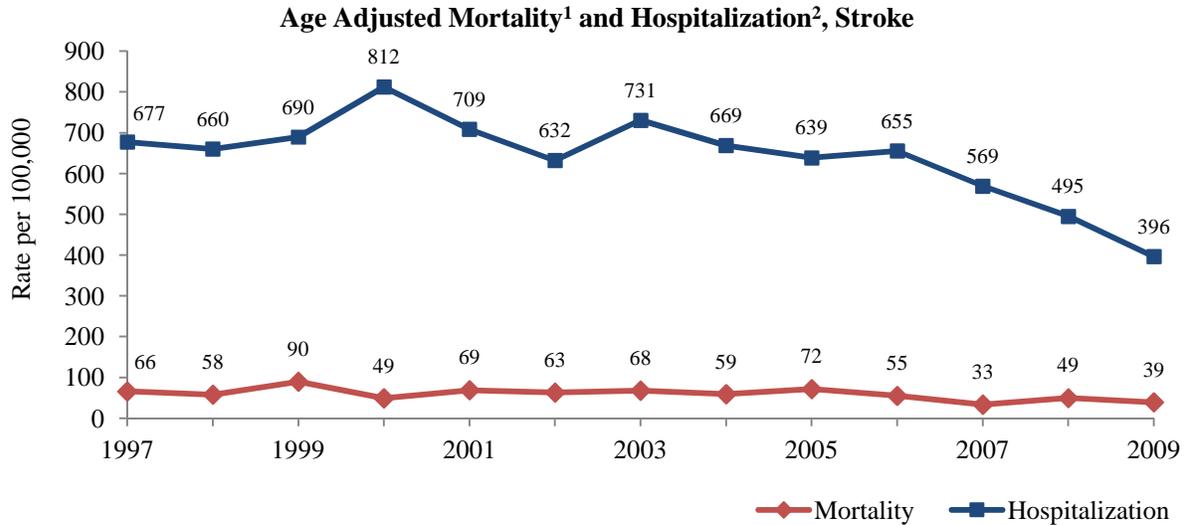


¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

²Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

^ Indicates data has been suppressed due to small numbers.

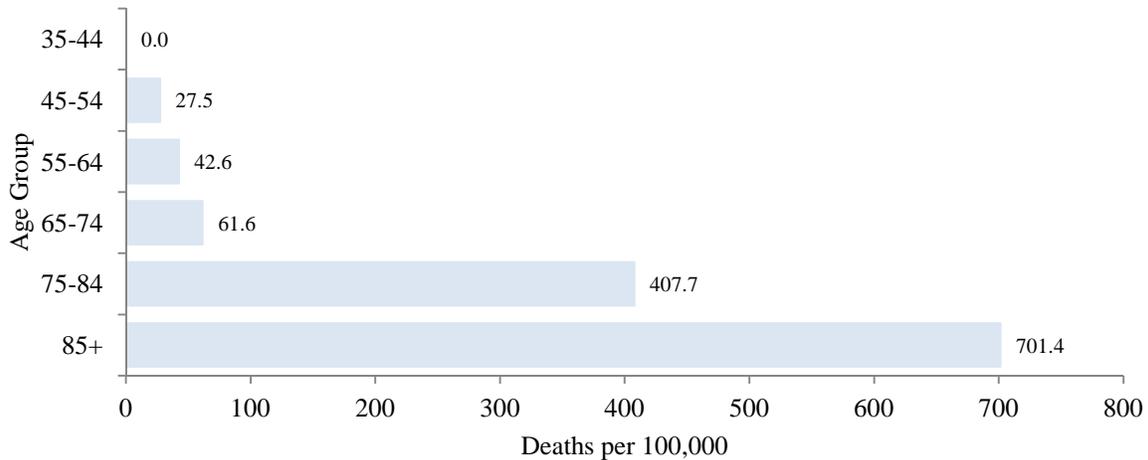
Stroke



Stroke Mortality¹ and Hospitalization², 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|-------|-------|-------|--------|-------|
| Mortality (per 100,000) | 40.7 | 40.9 | 0.0 | 46.5 | 38.9 |
| Hospitalization (per 100,000) | 485.8 | 482.3 | 0.0 | 469.3 | 500.4 |

Age Specific Mortality, All Races, Stroke, 2007-2009¹



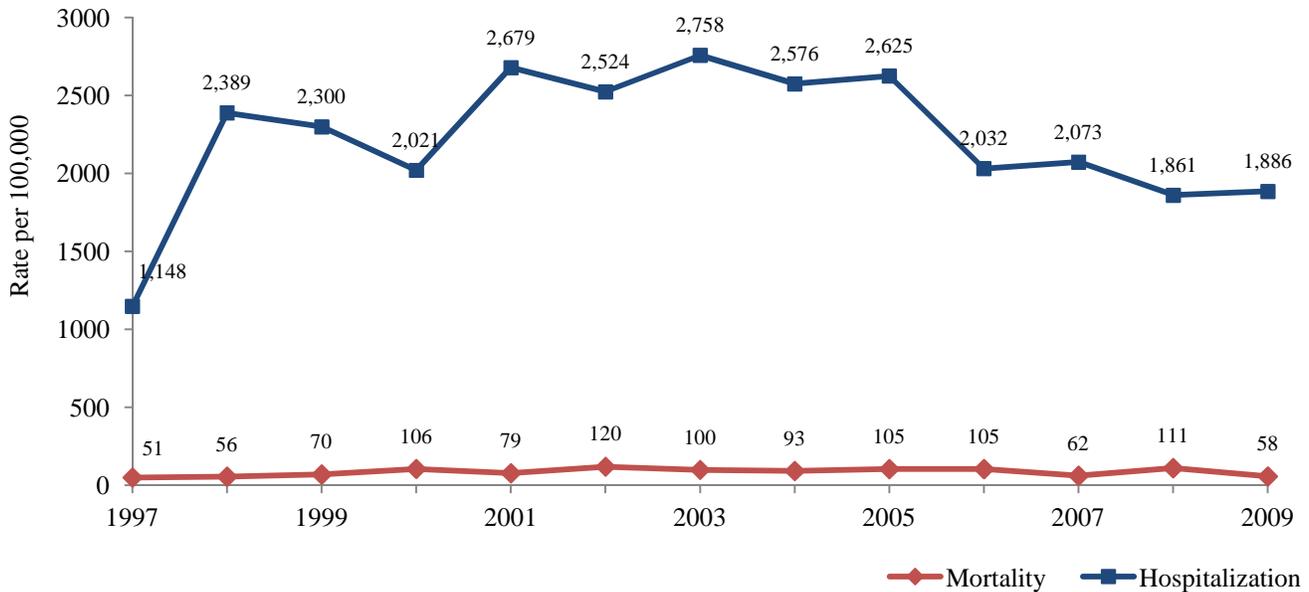
¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

²Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

^ Indicates data has been suppressed due to small numbers.

CLRD¹

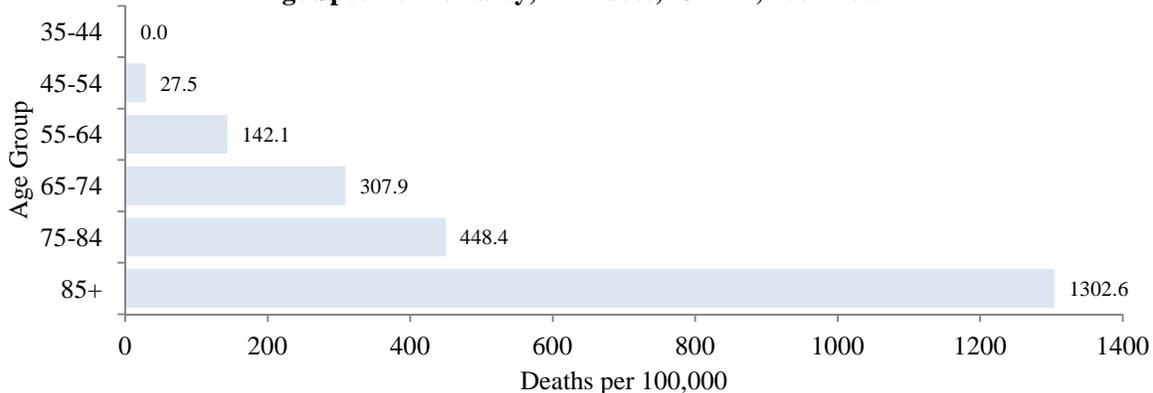
Age Adjusted Mortality² and Hospitalization³, CLRD



Chronic Lower Respiratory Disease Mortality² and Hospitalization³, 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|--------|--------|-------|--------|--------|
| Mortality (per 100,000) | 76.8 | 77.2 | 0.0 | 51.8 | 113.5 |
| Hospitalization (per 100,000) | 1940.7 | 1935.8 | 0.0 | 2133.5 | 1746.2 |

Age Specific Mortality, All Races, CLRD, 2007-2009²



¹CLRD= Chronic Lower Respiratory Disease.

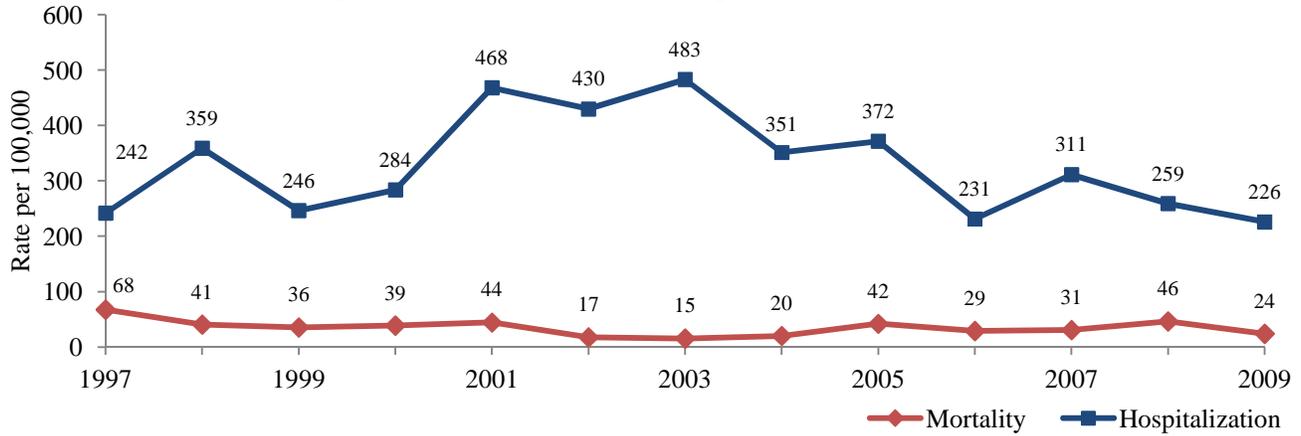
²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

³Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

^ Indicates data has been suppressed due to small numbers.

Diabetes

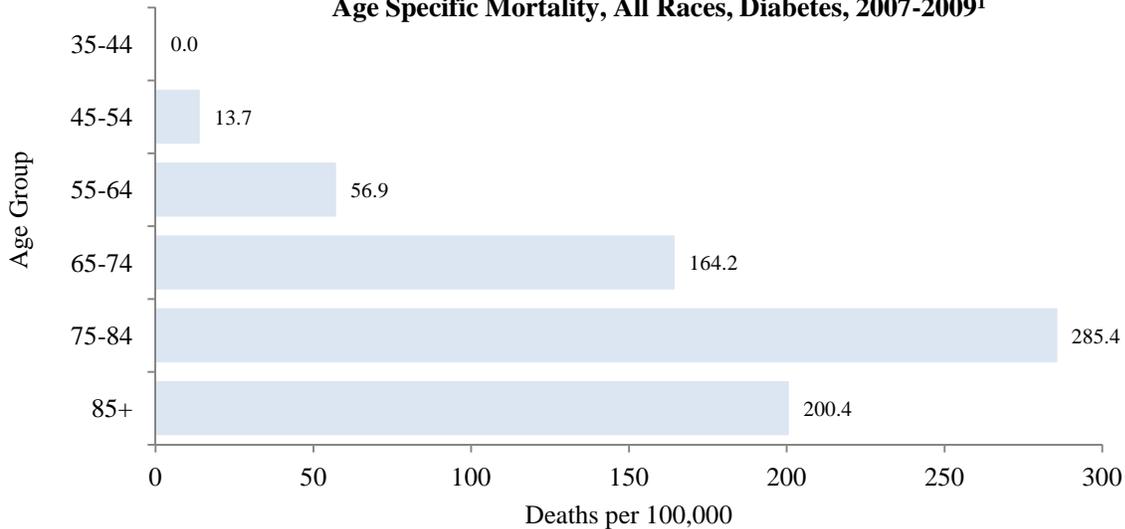
Age Adjusted Mortality¹, and Hospitalization², Diabetes



Diabetes Mortality¹ and Hospitalization², 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|-------|-------|-------|--------|-------|
| Mortality (per 100,000) | 33.6 | 33.7 | 0.0 | 27.3 | 41.7 |
| Hospitalization (per 100,000) | 264.7 | 265.9 | 0.0 | 264.7 | 266.8 |

Age Specific Mortality, All Races, Diabetes, 2007-2009¹

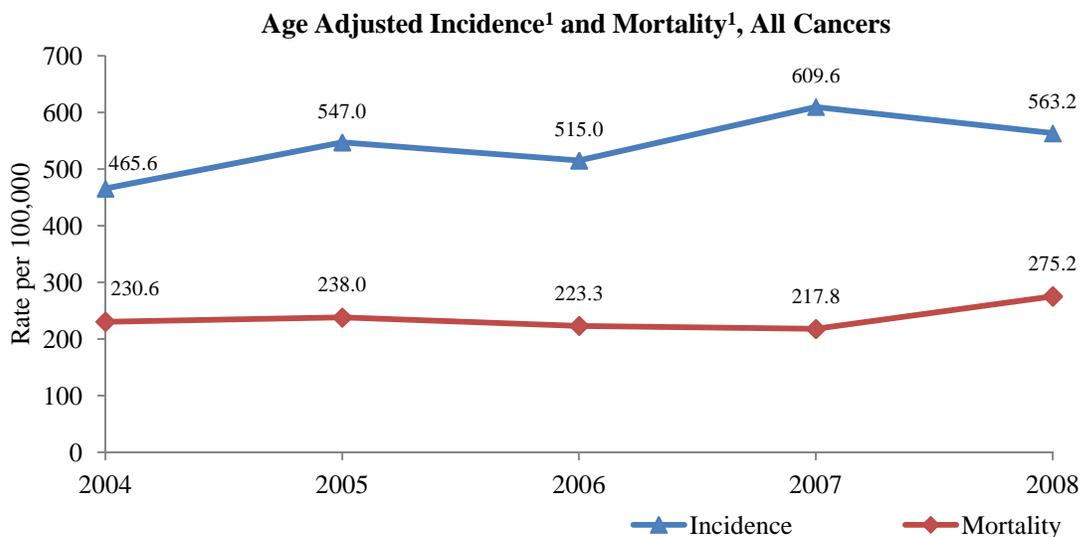


¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

²Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

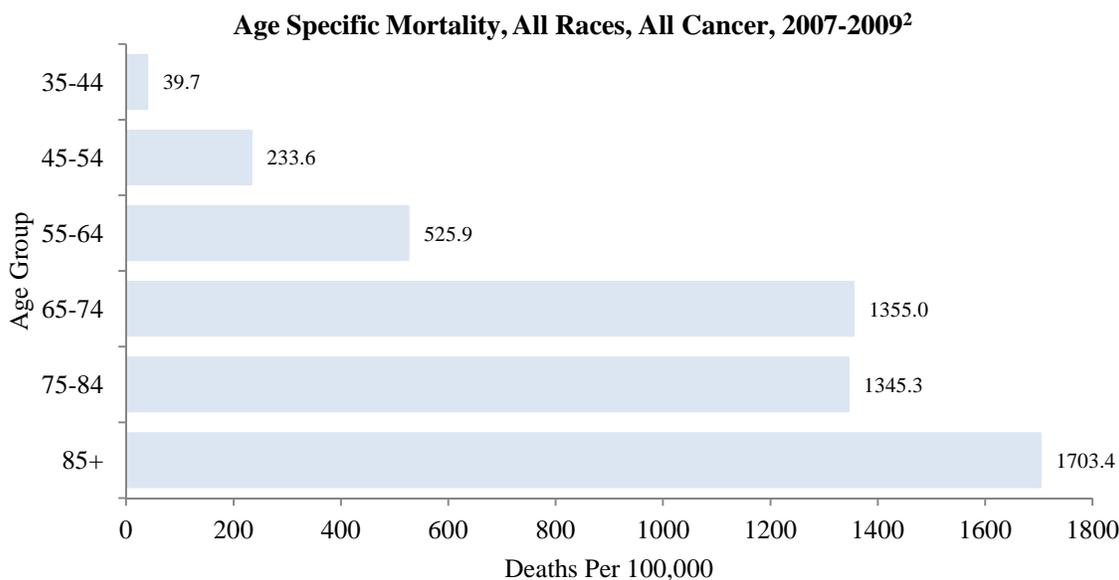
^ Indicates data has been suppressed due to small numbers.

Cancer



Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black | Female | Male |
|-------------------------|-------|-------|-------|--------|-------|
| Incidence (per 100,000) | 541.8 | 531.2 | ^ | 434.9 | 693.0 |
| Mortality (per 100,000) | 237.0 | 238.2 | 0.0 | 183.3 | 312.4 |

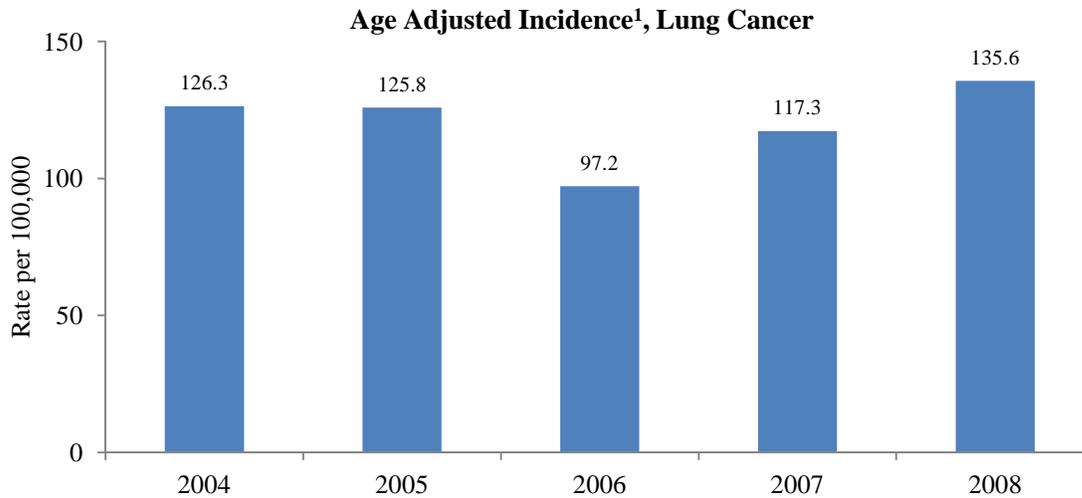


¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

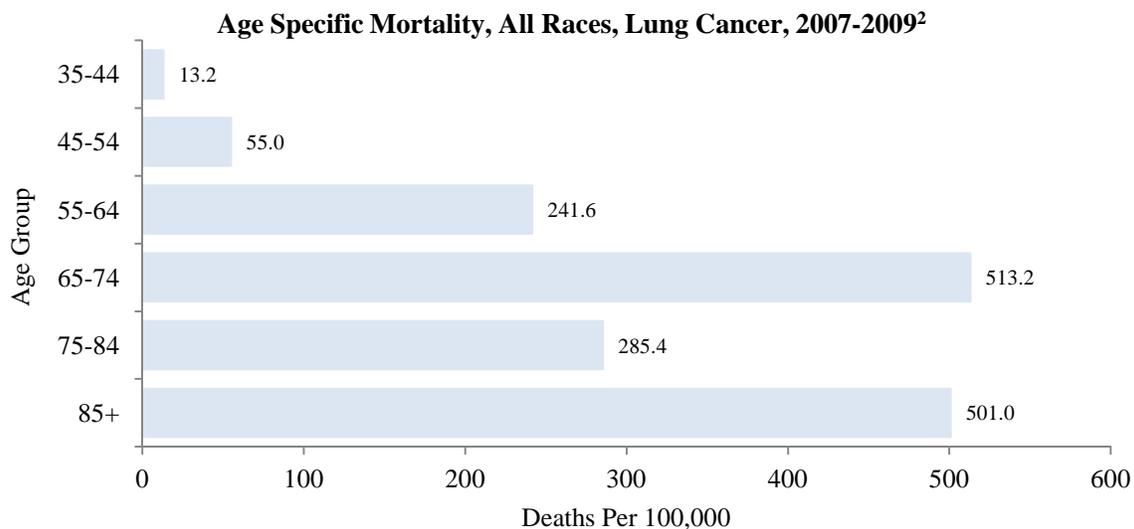
^ Indicates data has been suppressed due to small numbers.

Lung Cancer



Lung Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black | Female | Male |
|-------------------------|-------|-------|-------|--------|-------|
| Incidence (per 100,000) | 120.4 | 117.5 | ^ | 87.4 | 169.5 |
| Mortality (per 100,000) | 83.5 | 83.8 | 0.0 | 56.2 | 122.8 |



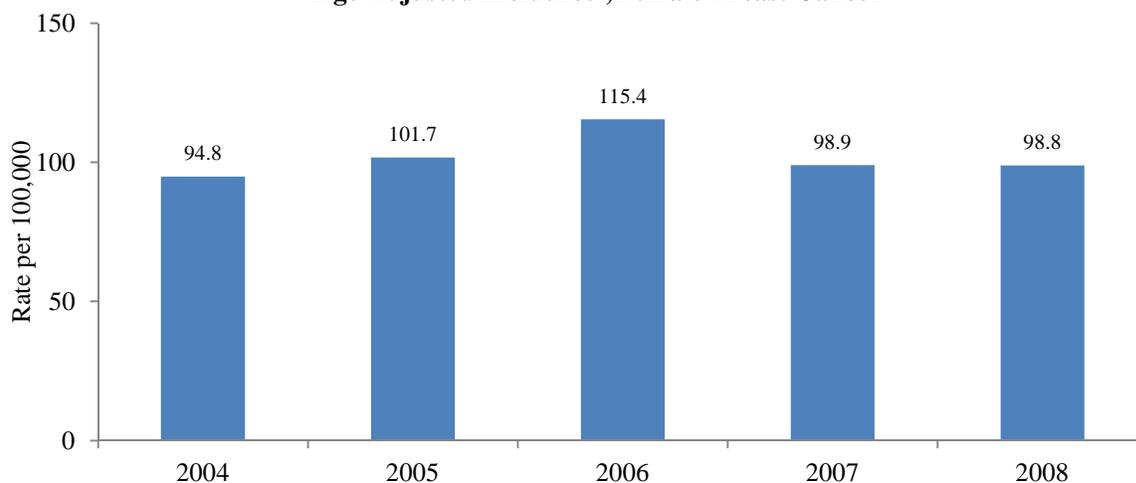
¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

Breast Cancer

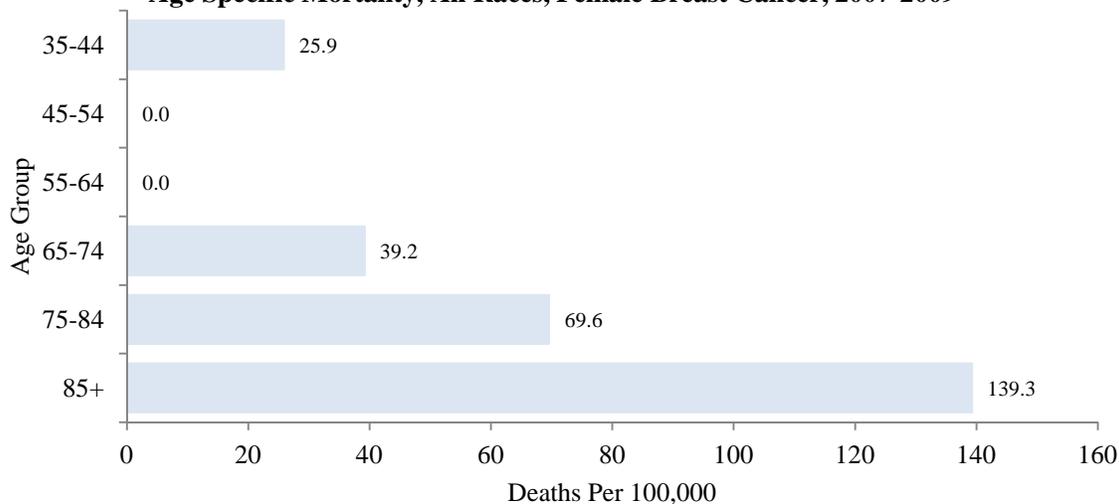
Age Adjusted Incidence¹, Female Breast Cancer



Female Breast Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black |
|-------------------------|-------|-------|-------|
| Incidence (per 100,000) | 102.2 | 98.7 | ^ |
| Mortality (per 100,000) | 19.2 | 19.2 | 0.0 |

Age Specific Mortality, All Races, Female Breast Cancer, 2007-2009²

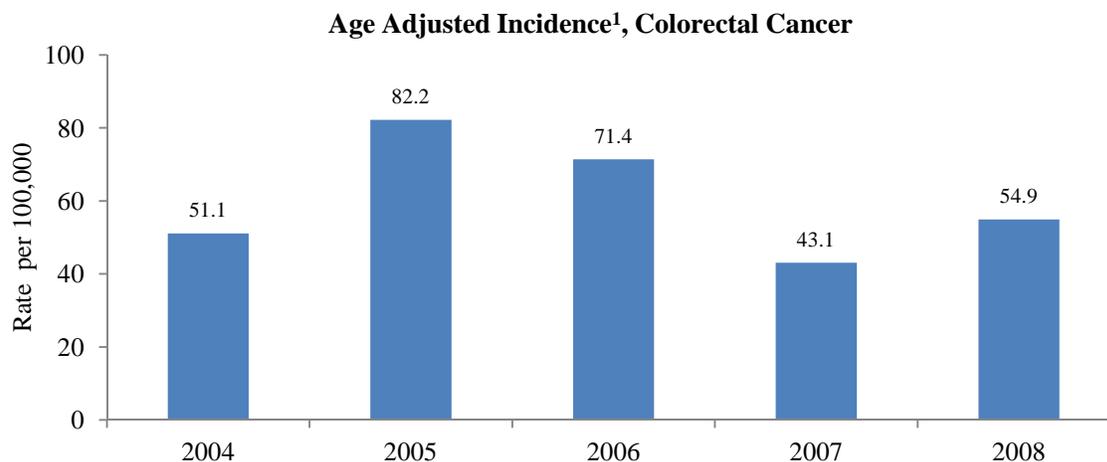


¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

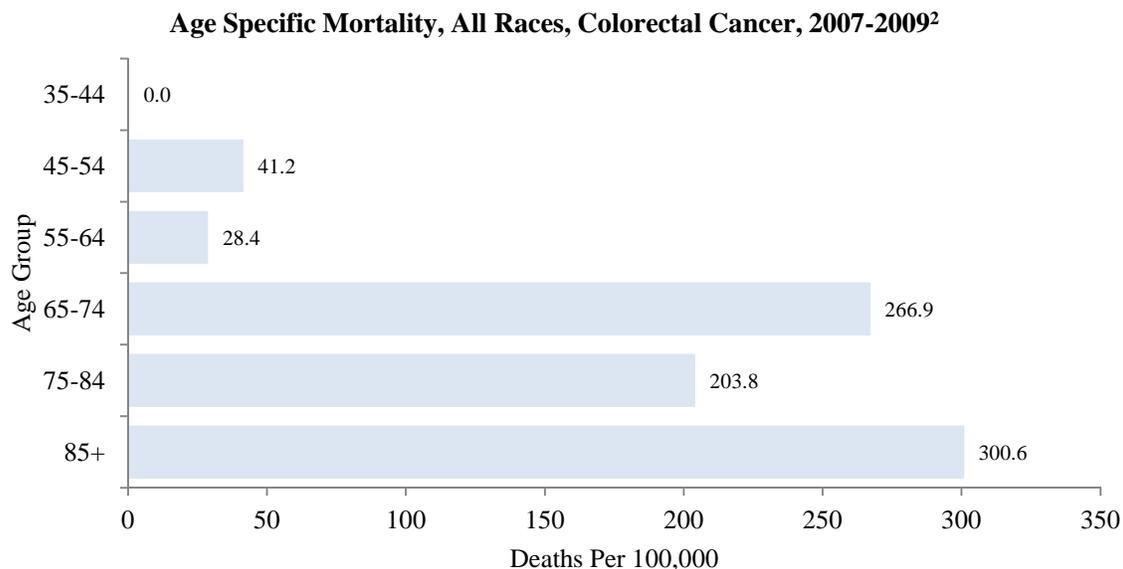
^ Indicates data has been suppressed due to small numbers.

Colorectal Cancer



Colorectal Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black | Female | Male |
|-------------------------|-------|-------|-------|--------|------|
| Incidence (per 100,000) | 60.7 | 60.3 | ^ | 43.7 | 82.6 |
| Mortality (per 100,000) | 27.9 | 28.0 | 0.0 | 19.3 | 39.4 |



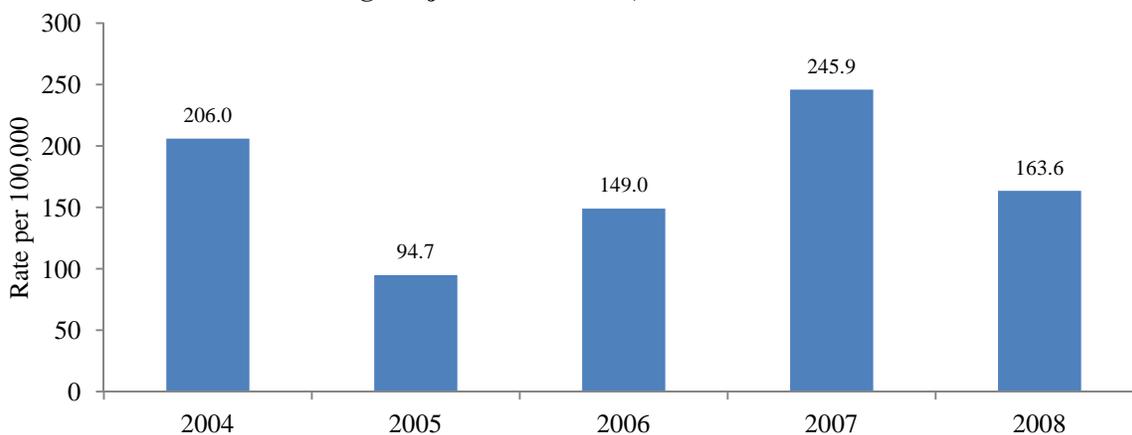
¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

Prostate Cancer

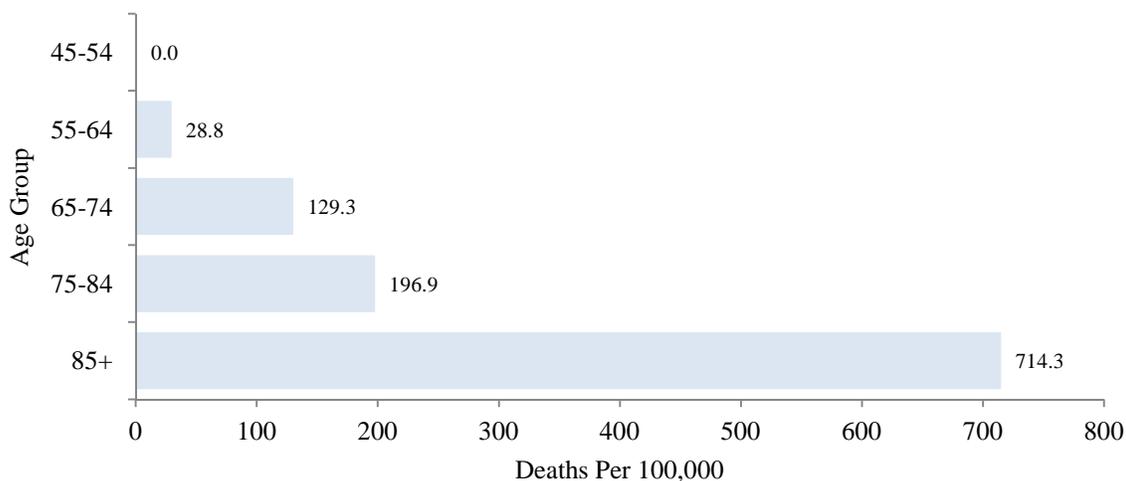
Age Adjusted Incidence¹, Prostate Cancer



Prostate Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black |
|-------------------------|-------|-------|-------|
| Incidence (per 100,000) | 171.6 | 168.3 | 0.0 |
| Mortality (per 100,000) | ^ | ^ | 0.0 |

Age Specific Mortality, All Races, Prostate Cancer, 2007-2009²



¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

Jackson

Demographics

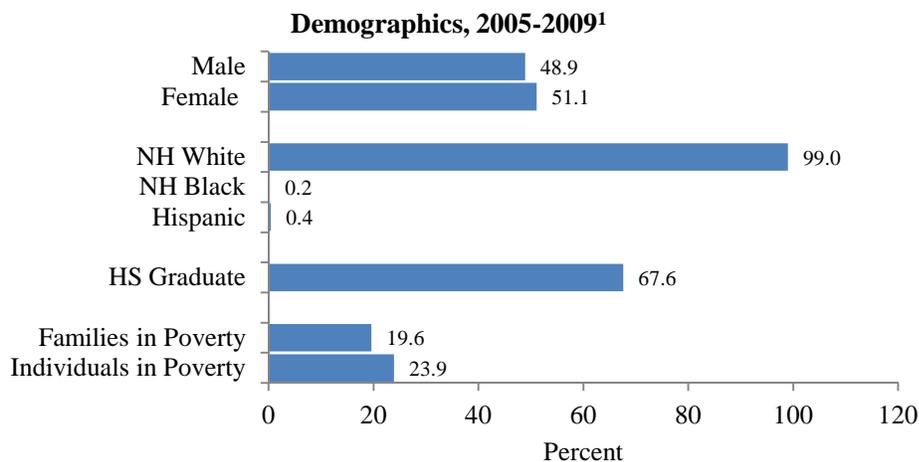


Quick Facts

| | |
|--|----------|
| Median Age ¹ : | 43.4 |
| Median Income ¹ : | \$30,844 |
| Home Ownership ¹ : | 76.1% |
| Unemployment ¹ : | 9.4% |
| Crime Rate ² (per 1,000): | 35.5 |
| Teen Pregnancy Rate ³ (per 1,000): | |
| Overall: | 48.8 |
| White: | 48.0 |
| Black: | ^ |
| Infant Mortality ⁴ (per 1,000): | |
| Overall: | 0.0 |
| White: | 0.0 |
| Black: | ^ |
| Automobile Accident Deaths ⁴ (per 100,000): | 17.1 |

Population by Age, Gender, and Race Distribution (2005-2009)¹

| Age | Gender | | Race | | | Total |
|-------|--------|-------|--------------------|--------------------|----------|--------|
| | Female | Male | Non-Hispanic White | Non-Hispanic Black | Hispanic | |
| <18 | 1,077 | 1,140 | 2,205 | 0 | 0 | 2,217 |
| 18-44 | 1,738 | 1,783 | 3,469 | 0 | 41 | 3,521 |
| 45-64 | 1,701 | 1,621 | 3,275 | 18 | 0 | 3,322 |
| 65+ | 1,050 | 786 | 1,836 | 0 | 0 | 1,836 |
| Total | 5,566 | 5,330 | 10,785 | 18 | 41 | 10,896 |



¹Data Source: U.S. Census Bureau, American Community Survey, 2005-2009.

²Data Source: Tennessee Bureau of Investigation. "Tennessee Incident Based Reporting System (TIBRS)" accessed July 26, 2011. <http://www.tennesseeonline.com/tibrpublic2005>, 2007-2009.

³Data Source: Birth Statistical System, Fetal Death Statistical System, and Induced Abortion Statistical System. Tennessee Department of Health, Division of Health Statistics, 2007-2009.

⁴Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics, 2007-2009.

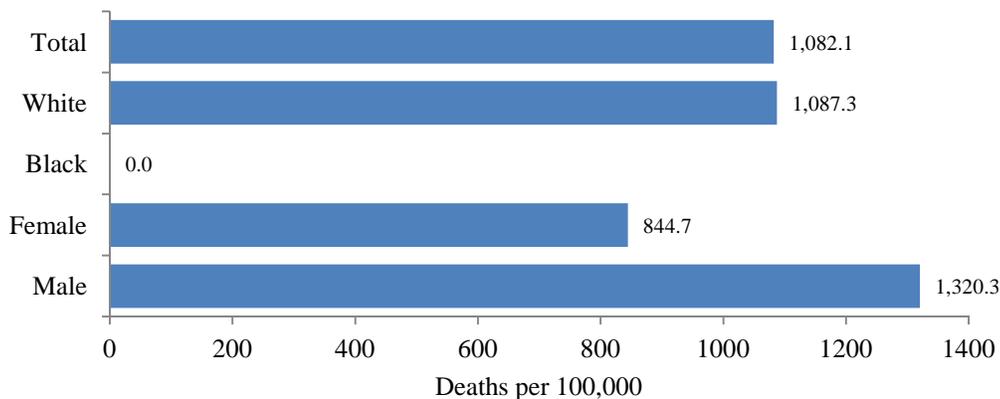
Leading Causes of Death

Leading Causes of Death, 2007-2009¹

| Rank ² | Cause | # Deaths | Age Adjusted Mortality Rate ³ and Demographic Ranking | | | | |
|-------------------|---|----------|--|-------|-------|--------|-------|
| | | | Total | White | Black | Female | Male |
| 1 | Heart disease | 125 | 309.7 | 311.4 | 0.0 | 257.5 | 352.8 |
| 2 | Cancer | 96 | 224.8 | 226.6 | 0.0 | 180.4 | 273.7 |
| 3 | Chronic lower respiratory diseases | 32 | 78.9 | 79.5 | 0.0 | 74.3 | 84.0 |
| 4 | Stroke | 27 | 68.5 | 68.8 | 0.0 | 52.8 | 92.3 |
| 5 | Accidents | 26 | 74.4 | 75.0 | 0.0 | 36.0 | 117.5 |
| 6 | Alzheimer's disease | 12 | 30.3 | 30.4 | 0.0 | 44.5 | 0.0 |
| 6 | Chronic liver disease and cirrhosis | 12 | 25.8 | 26.1 | 0.0 | 12.0 | 40.8 |
| 8 | Diabetes mellitus | 11 | 27.4 | 27.6 | 0.0 | 27.1 | 30.0 |
| 8 | Suicide | 11 | 31.5 | 31.8 | 0.0 | 10.9 | 52.8 |
| 10 | Essential hypertension and hypertensive renal disease | 4 | 10.8 | 10.8 | 0.0 | 7.2 | 13.8 |

| | | | | | |
|--------------|---|---|---|---|---|
| Ranking Key: | 1 | 2 | 3 | 4 | 5 |
|--------------|---|---|---|---|---|

All Cause Mortality by Race, 2007-2009^{1,3}



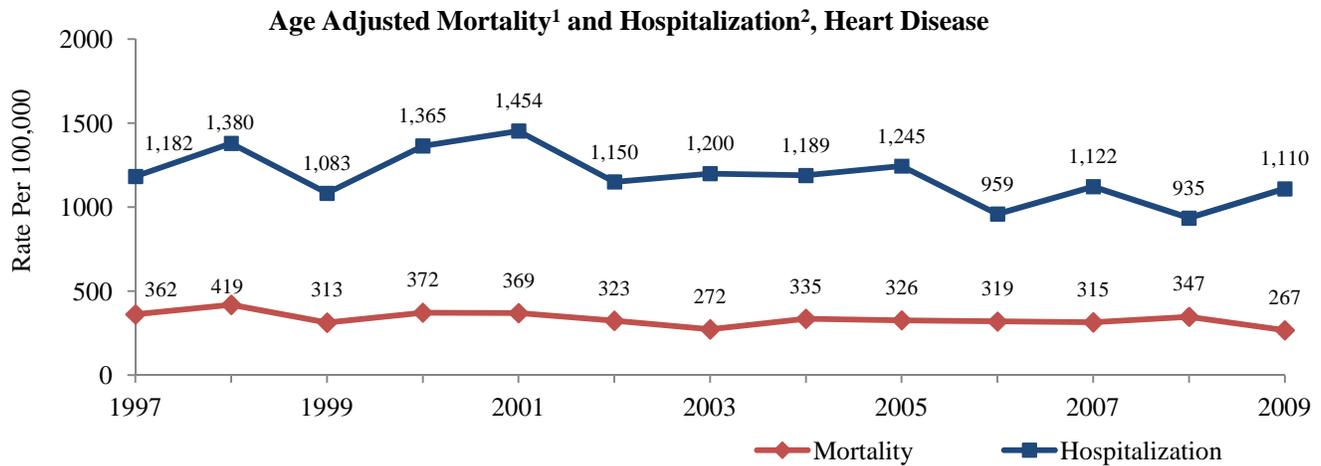
¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

²Ranking order is based on counts for the total population. Demographic ranking is based on counts for each subgroup.

³Annual mortality rate per 100,000 population, age adjusted to the 2000 standard US population.

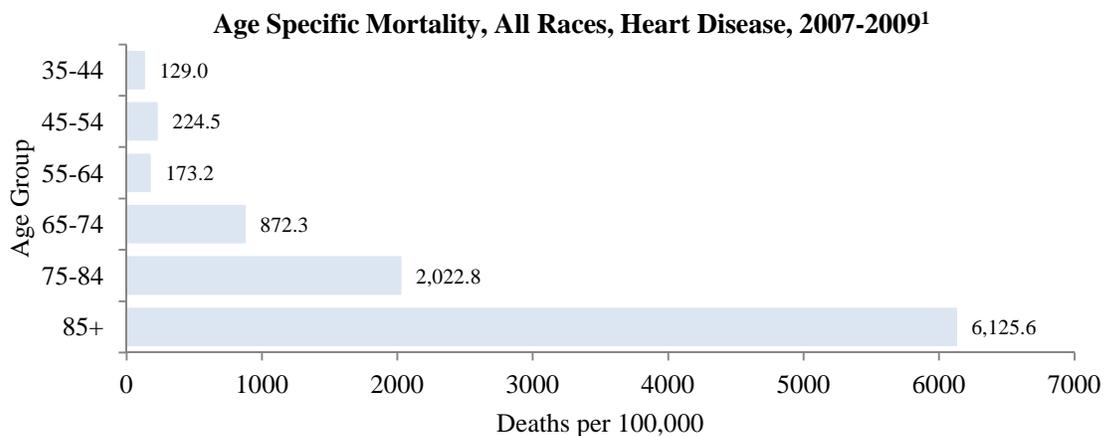
^ Indicates data has been suppressed due to small numbers.

Heart Disease



Heart Disease Mortality¹ and Hospitalization², 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|---------|---------|-------|--------|---------|
| Mortality (per 100,000) | 309.7 | 311.4 | 0.0 | 257.5 | 352.8 |
| Hospitalization (per 100,000) | 1,055.4 | 1,055.7 | 0.0 | 788.1 | 1,345.1 |



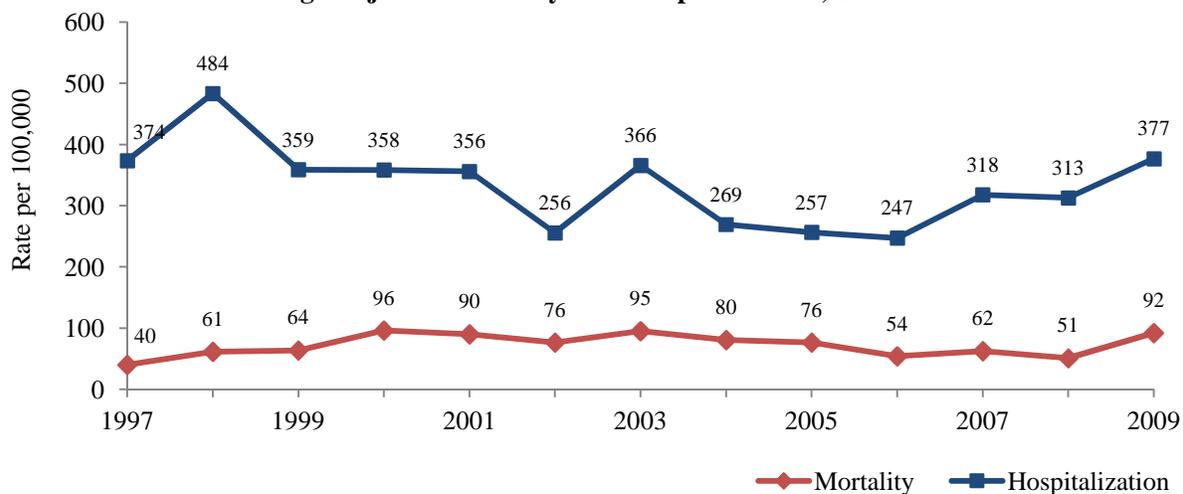
¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

²Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

^ Indicates data has been suppressed due to small numbers.

Stroke

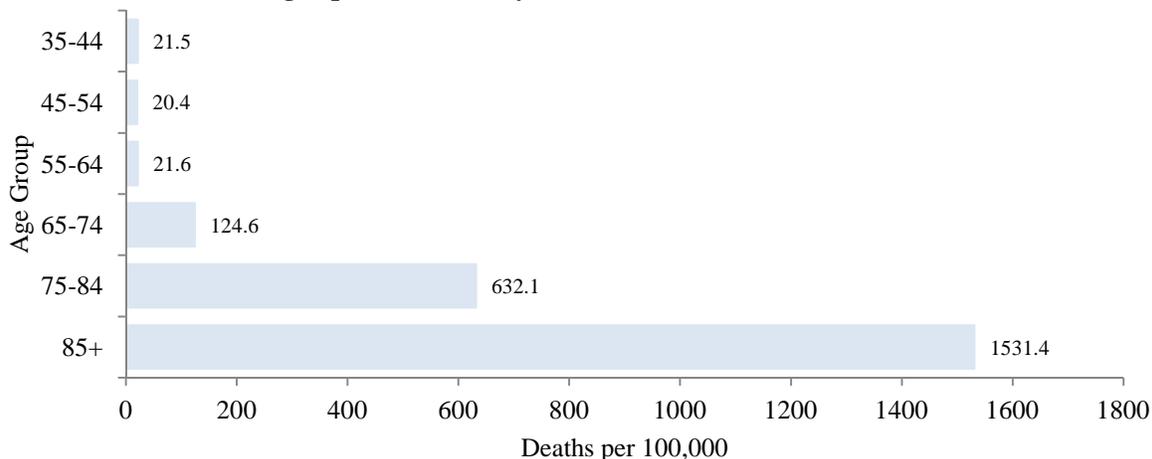
Age Adjusted Mortality¹ and Hospitalization², Stroke



Stroke Mortality¹ and Hospitalization², 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|-------|-------|-------|--------|-------|
| Mortality (per 100,000) | 68.5 | 68.8 | 0.0 | 52.8 | 92.3 |
| Hospitalization (per 100,000) | 335.7 | 335.9 | 0.0 | 256.8 | 457.0 |

Age Specific Mortality, All Races, Stroke, 2007-2009¹



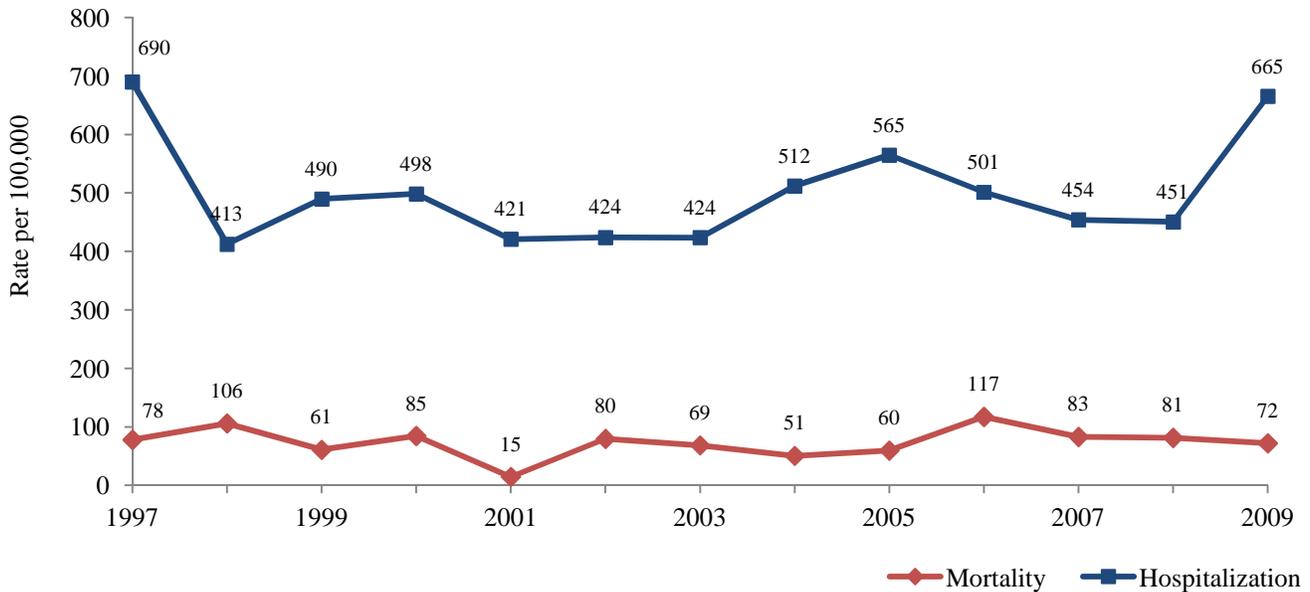
¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

²Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

^ Indicates data has been suppressed due to small numbers.

CLRD¹

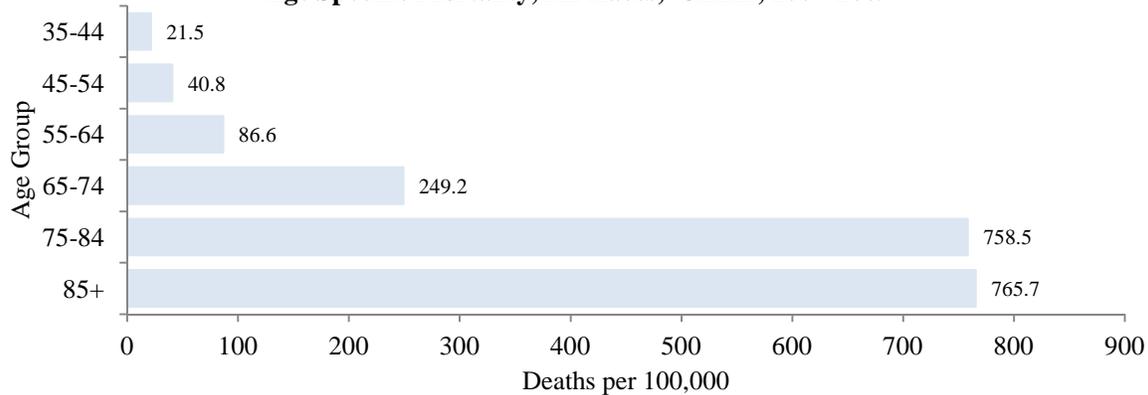
Age Adjusted Mortality² and Hospitalization³, CLRD



Chronic Lower Respiratory Disease Mortality² and Hospitalization³, 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|-------|-------|-------|--------|-------|
| Mortality (per 100,000) | 78.9 | 79.5 | 0.0 | 74.3 | 84.0 |
| Hospitalization (per 100,000) | 524.6 | 526.2 | 0.0 | 637.7 | 414.4 |

Age Specific Mortality, All Races, CLRD, 2007-2009²



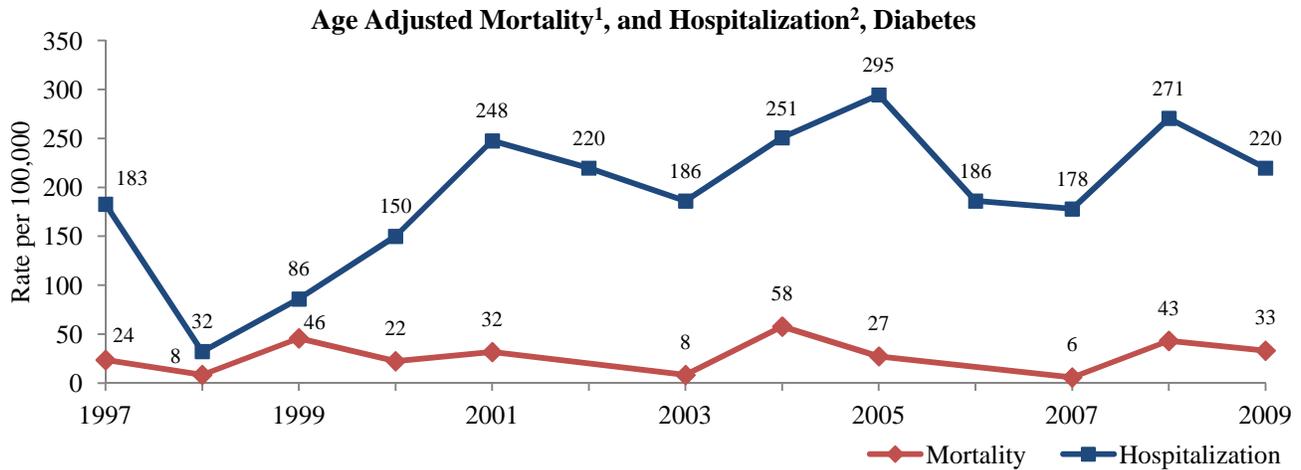
¹CLRD= Chronic Lower Respiratory Disease.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

³Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

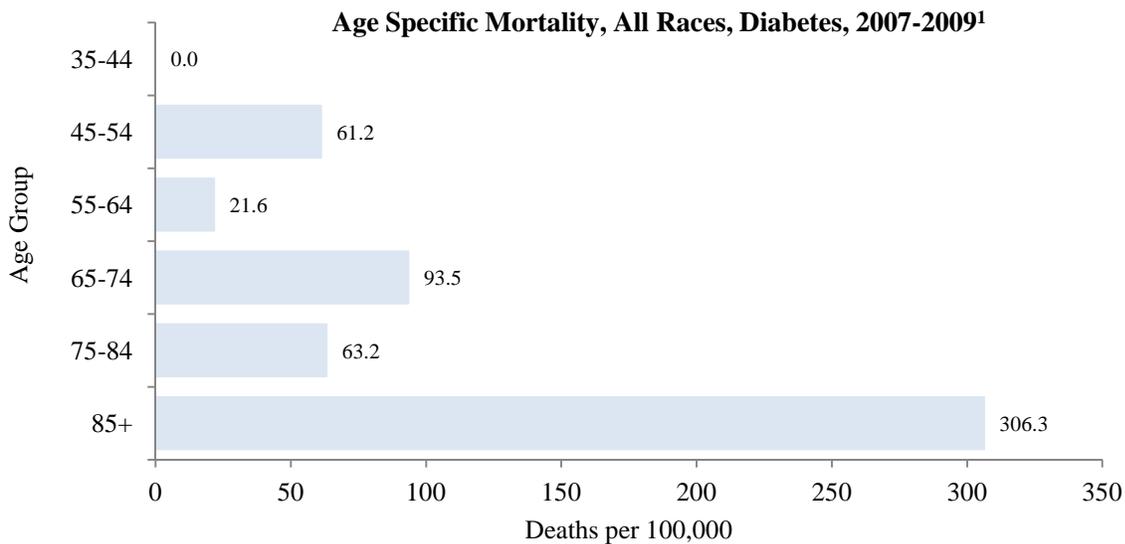
^ Indicates data has been suppressed due to small numbers.

Diabetes



Diabetes Mortality¹ and Hospitalization², 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|-------|-------|-------|--------|-------|
| Mortality (per 100,000) | 27.4 | 27.6 | 0.0 | 27.1 | 30.0 |
| Hospitalization (per 100,000) | 222.3 | 224.1 | 0.0 | 285.4 | 175.8 |

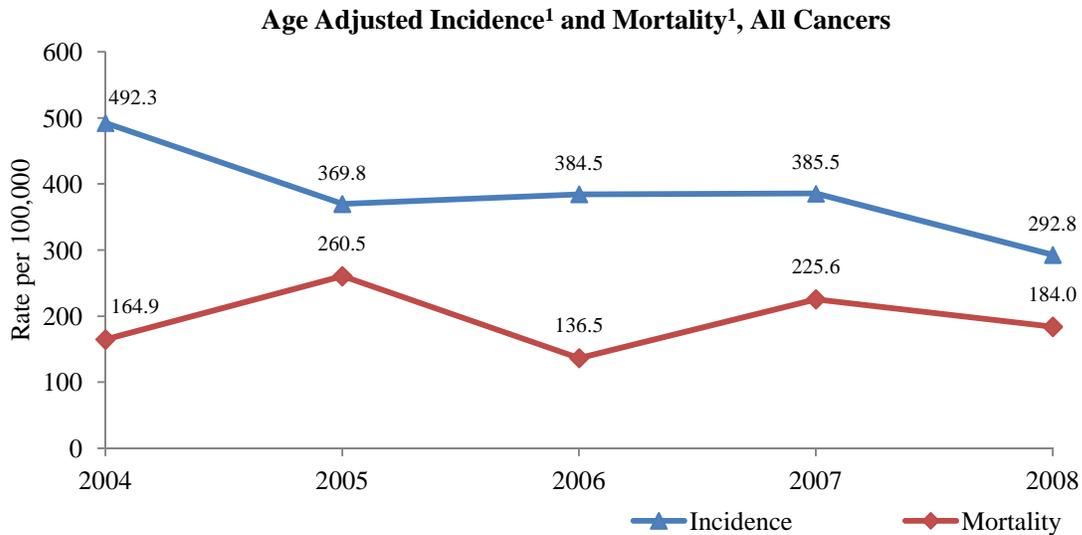


¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

²Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

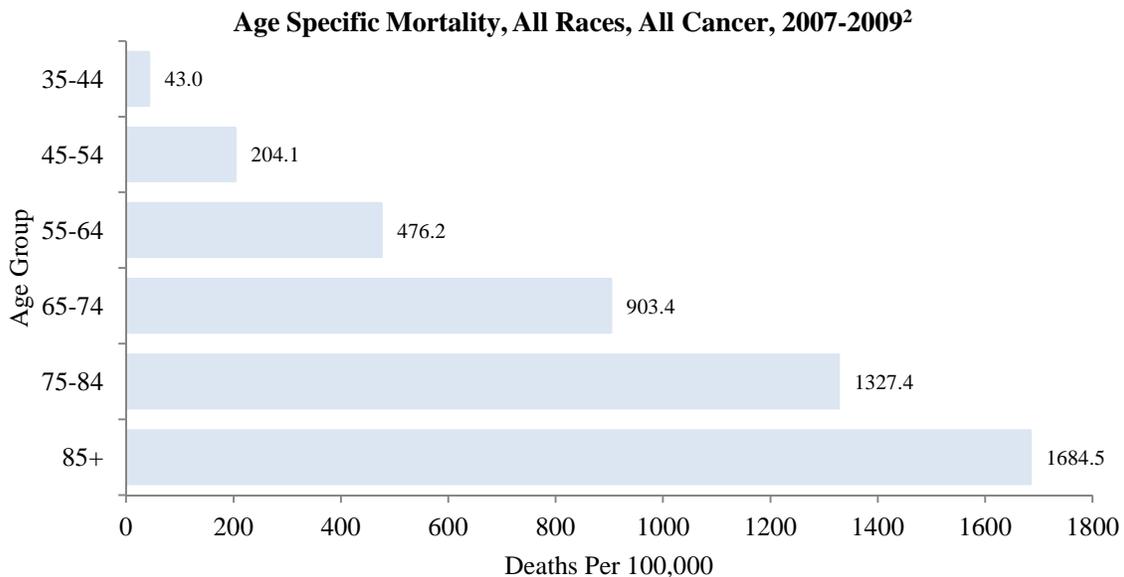
^ Indicates data has been suppressed due to small numbers.

Cancer



Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black | Female | Male |
|-------------------------|-------|-------|-------|--------|-------|
| Incidence (per 100,000) | 383.6 | 382.8 | 0.0 | 313.4 | 479.1 |
| Mortality (per 100,000) | 194.2 | 192.3 | 0.0 | 156.0 | 240.9 |

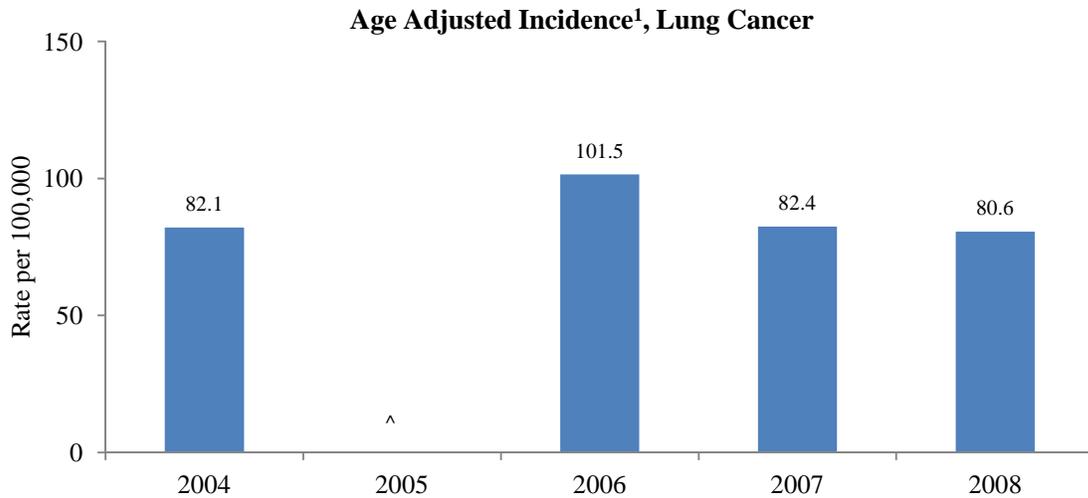


¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

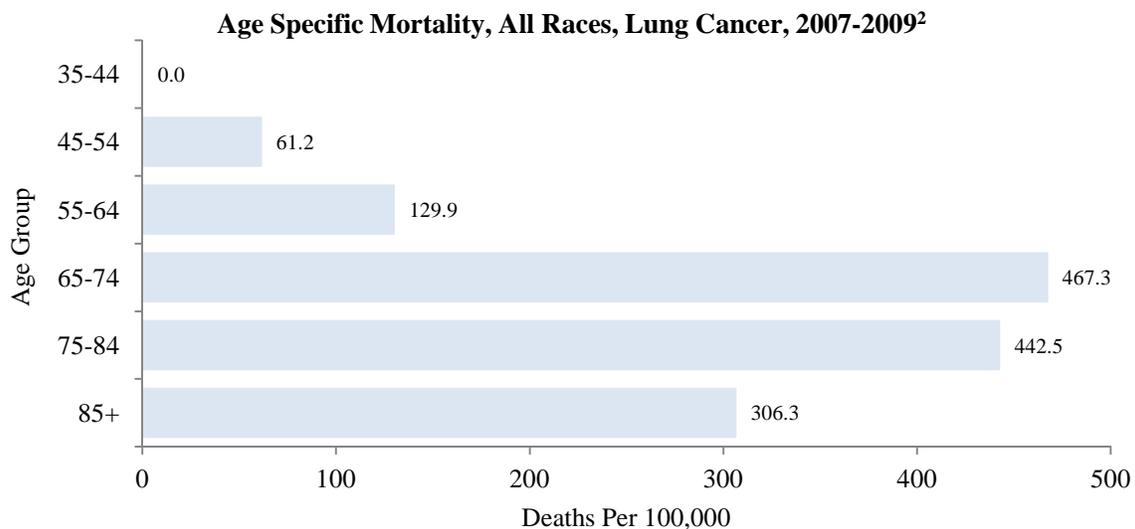
^ Indicates data has been suppressed due to small numbers.

Lung Cancer



Lung Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black | Female | Male |
|-------------------------|-------|-------|-------|--------|-------|
| Incidence (per 100,000) | 81.6 | 82.1 | 0.0 | 45.7 | 129.0 |
| Mortality (per 100,000) | 62.7 | 63.1 | 0.0 | 47.6 | 84.0 |



¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

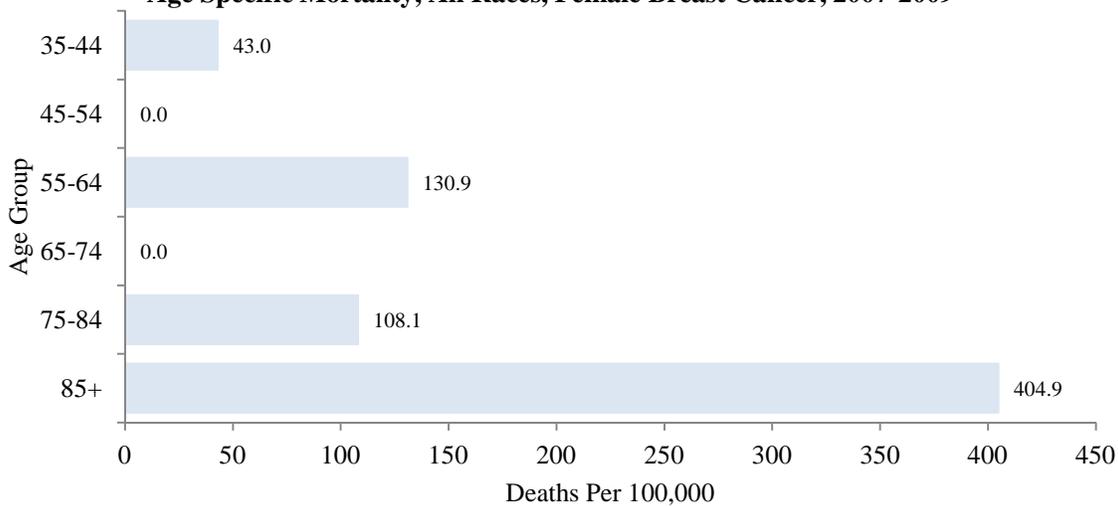
^ Indicates data has been suppressed due to small numbers.

Breast Cancer*

Female Breast Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black |
|-------------------------|-------|-------|-------|
| Incidence (per 100,000) | 90.7 | 91.3 | 0.0 |
| Mortality (per 100,000) | 23.4 | 23.4 | 0.0 |

Age Specific Mortality, All Races, Female Breast Cancer, 2007-2009²



¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

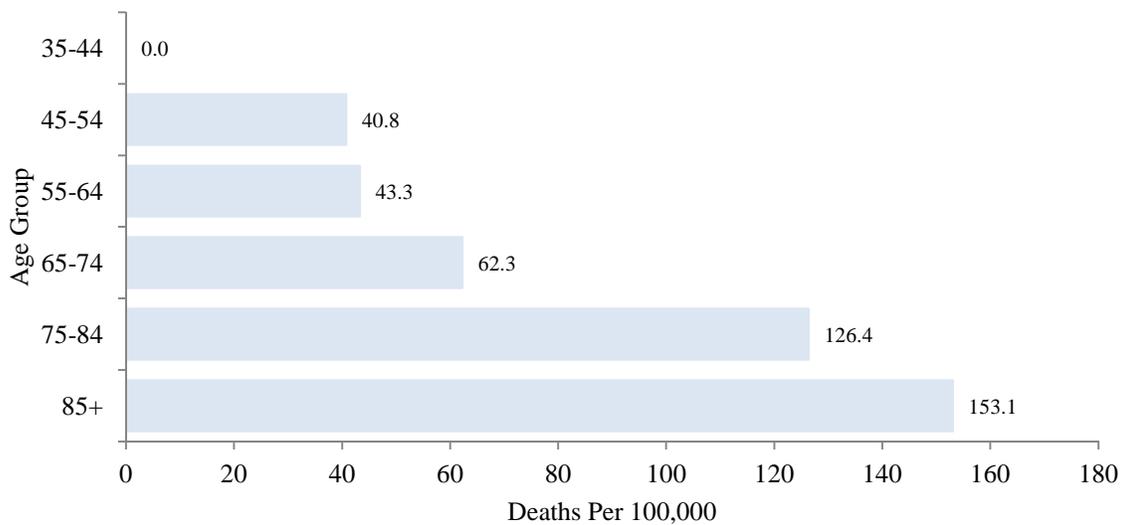
*All incidence trend data suppressed due to small numbers.

Colorectal Cancer*

Colorectal Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black | Female | Male |
|-------------------------|-------|-------|-------|--------|------|
| Incidence (per 100,000) | 45.7 | 44.4 | 0.0 | ^ | 78.5 |
| Mortality (per 100,000) | 23.3 | 21.9 | 0.0 | ^ | 32.1 |

Age Specific Mortality, All Races, Colorectal Cancer, 2007-2009²



¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

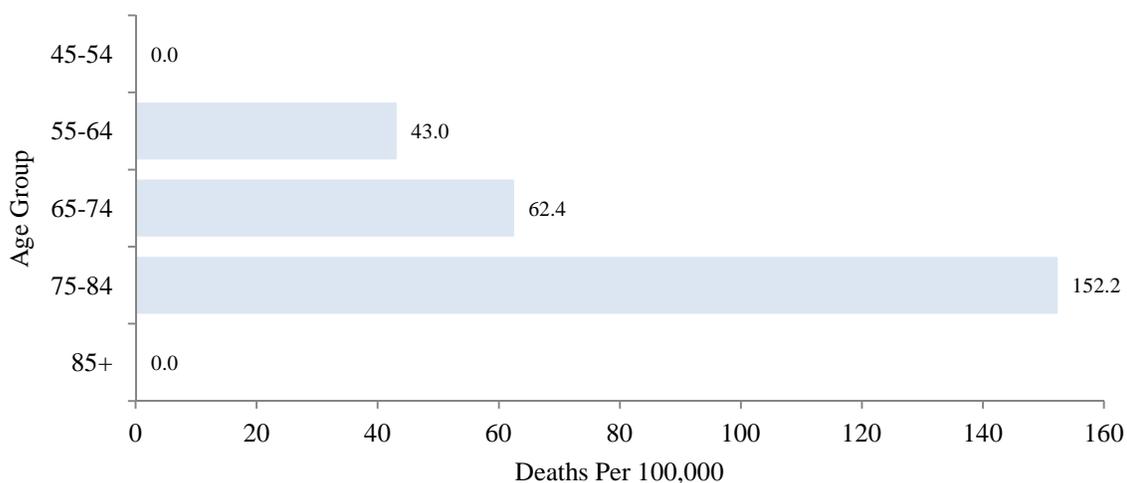
*All incidence trend data suppressed due to small numbers.

Prostate Cancer*

Prostate Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black |
|-------------------------|-------|-------|-------|
| Incidence (per 100,000) | 97.9 | 99 | 0.0 |
| Mortality (per 100,000) | ^ | ^ | 0.0 |

Age Specific Mortality, All Races, Prostate Cancer, 2007-2009²



¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

*All incidence trend data suppressed due to small numbers.

Macon

Demographics

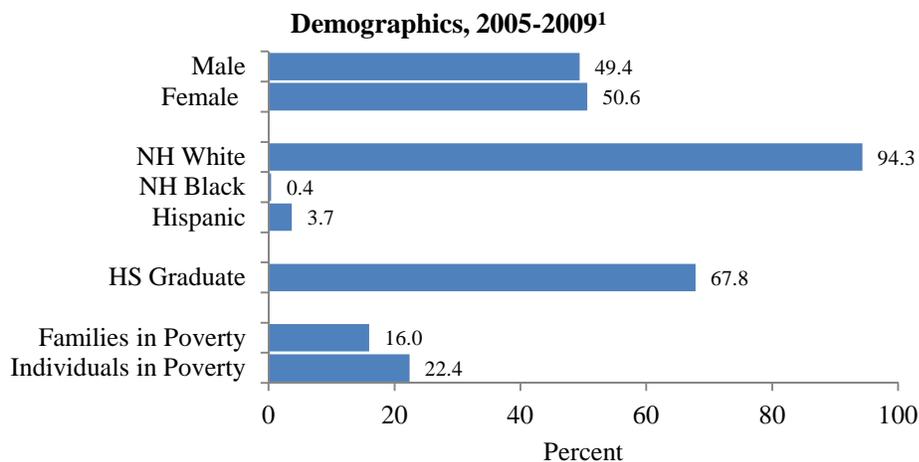


Quick Facts

| | |
|--|----------|
| Median Age ¹ : | 36.5 |
| Median Income ¹ : | \$32,354 |
| Home Ownership ¹ : | 76.5% |
| Unemployment ¹ : | 9.4% |
| Crime Rate ² (per 1,000): | 43.2 |
| Teen Pregnancy Rate ³ (per 1,000): | |
| Overall: | 72.1 |
| White: | 72.5 |
| Black: | ^ |
| Infant Mortality ⁴ (per 1,000): | |
| Overall: | 6.7 |
| White: | 6.8 |
| Black: | ^ |
| Automobile Accident Deaths ⁴ (per 100,000): | 31.4 |

Population by Age, Gender, and Race Distribution (2005-2009)¹

| Age | Gender | | Race | | | Total |
|-------|--------|--------|--------------------|--------------------|----------|--------|
| | Female | Male | Non-Hispanic White | Non-Hispanic Black | Hispanic | |
| <18 | 2,760 | 2,812 | 4,939 | 42 | 377 | 5,572 |
| 18-44 | 3,804 | 4,036 | 7,323 | 27 | 393 | 7,840 |
| 45-64 | 2,775 | 2,728 | 5,450 | 13 | 40 | 5,503 |
| 65+ | 1,648 | 1,145 | 2,762 | 0 | 0 | 2,793 |
| Total | 10,987 | 10,721 | 20,474 | 82 | 810 | 21,708 |



¹Data Source: U.S. Census Bureau, American Community Survey, 2005-2009.

²Data Source: Tennessee Bureau of Investigation. "Tennessee Incident Based Reporting System (TIBRS)" accessed July 26, 2011. <http://www.tennesseeonline.com/tibrspublic2005>, 2007-2009.

³Data Source: Birth Statistical System, Fetal Death Statistical System, and Induced Abortion Statistical System. Tennessee Department of Health, Division of Health Statistics, 2007-2009.

⁴Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics, 2007-2009.

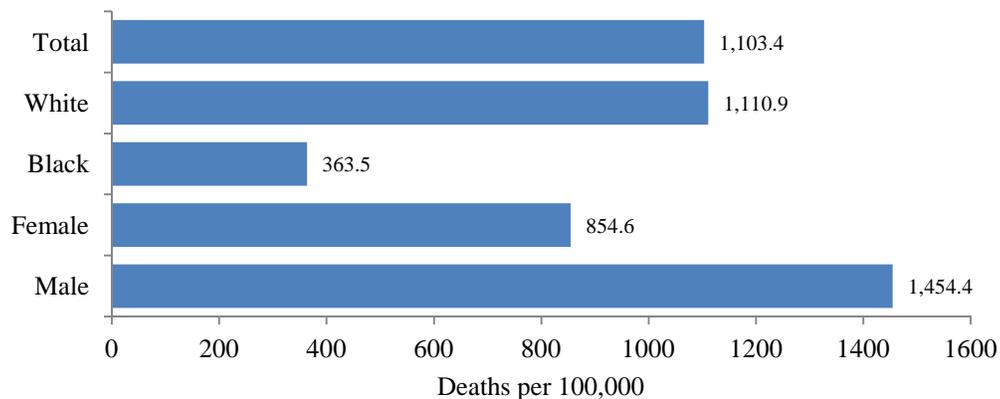
Leading Causes of Death

Leading Causes of Death, 2007-2009¹

| Rank ² | Cause | # Deaths | Age Adjusted Mortality Rate ³ and Demographic Ranking | | | | |
|-------------------|------------------------------------|----------|--|-------|-------|--------|-------|
| | | | Total | White | Black | Female | Male |
| 1 | Heart disease | 192 | 277.7 | 278.5 | 363.5 | 179.1 | 422.5 |
| 2 | Cancer | 181 | 265.9 | 268.1 | 0.0 | 215.0 | 340.1 |
| 3 | Accidents | 58 | 87.5 | 88.4 | 0.0 | 56.7 | 120.5 |
| 4 | Chronic lower respiratory diseases | 55 | 80.9 | 81.5 | 0.0 | 56.4 | 115.4 |
| 5 | Stroke | 37 | 55.9 | 56.3 | 0.0 | 53.9 | 58.6 |
| 6 | Alzheimer's disease | 23 | 33.3 | 33.5 | 0.0 | 22.0 | 60.7 |
| 7 | Kidney disease | 20 | 29.2 | 29.4 | 0.0 | 30.0 | 25.5 |
| 8 | Diabetes mellitus | 14 | 20.1 | 20.2 | 0.0 | 21.6 | 16.1 |
| 8 | Influenza and pneumonia | 14 | 19.8 | 19.9 | 0.0 | 20.3 | 22.8 |
| 8 | Suicide | 14 | 19.9 | 20.1 | 0.0 | 6.4 | 33.1 |

| | | | | | |
|--------------|---|---|---|---|---|
| Ranking Key: | 1 | 2 | 3 | 4 | 5 |
|--------------|---|---|---|---|---|

All Cause Mortality by Race, 2007-2009^{1,3}



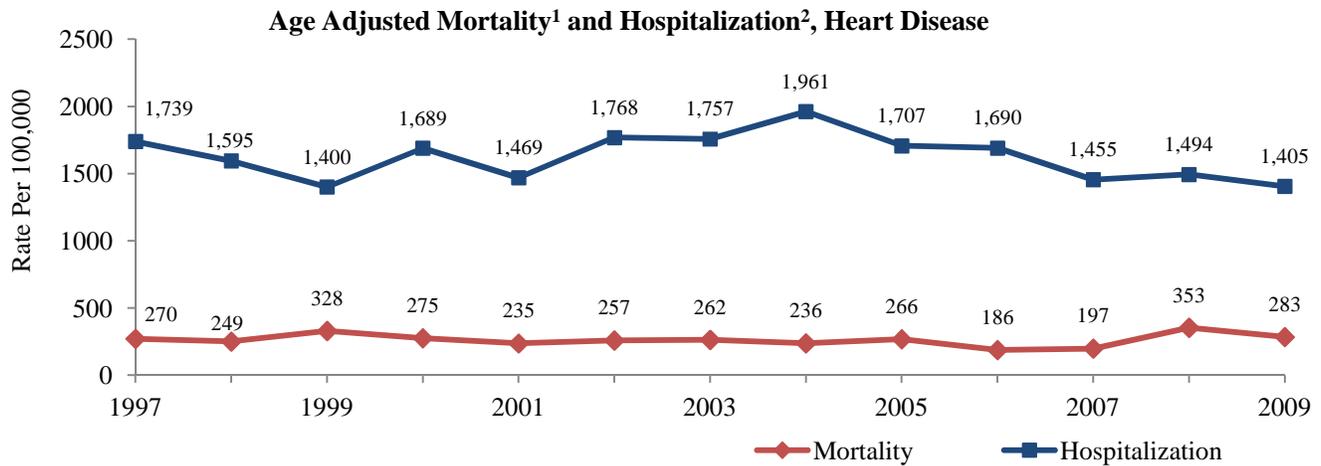
¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

²Ranking order is based on counts for the total population. Demographic ranking is based on counts for each subgroup.

³Annual mortality rate per 100,000 population, age adjusted to the 2000 standard US population.

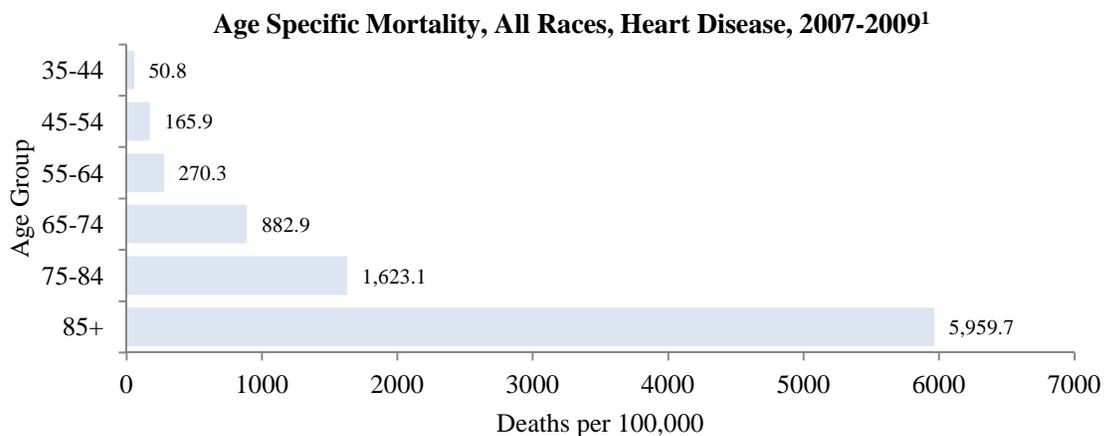
^ Indicates data has been suppressed due to small numbers.

Heart Disease



Heart Disease Mortality¹ and Hospitalization², 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|---------|---------|---------|---------|---------|
| Mortality (per 100,000) | 277.7 | 278.5 | 363.5 | 179.1 | 422.5 |
| Hospitalization (per 100,000) | 1,451.4 | 1,441.4 | 1,097.3 | 1,258.6 | 1,628.6 |

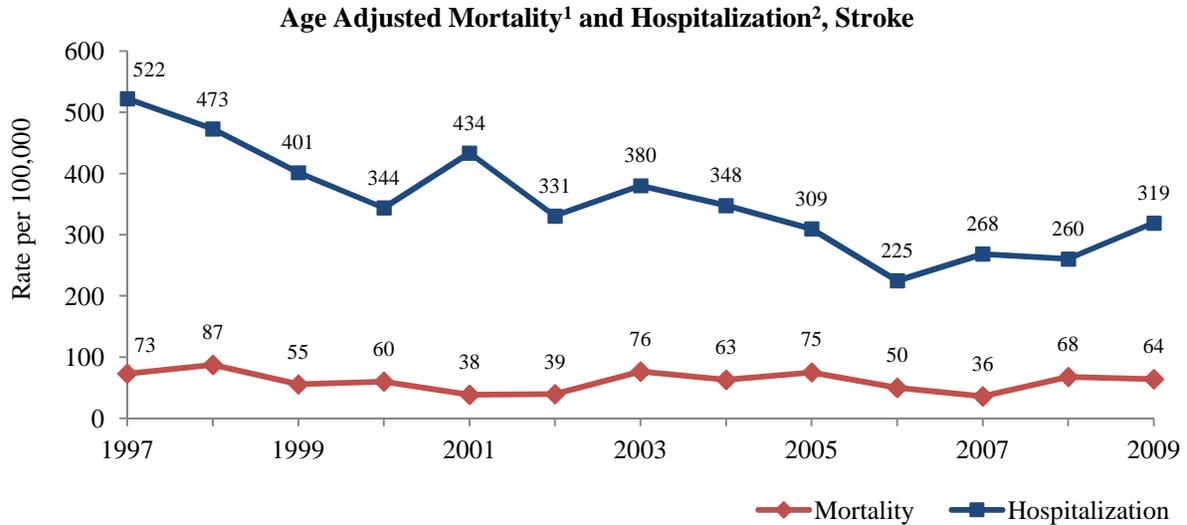


¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

²Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

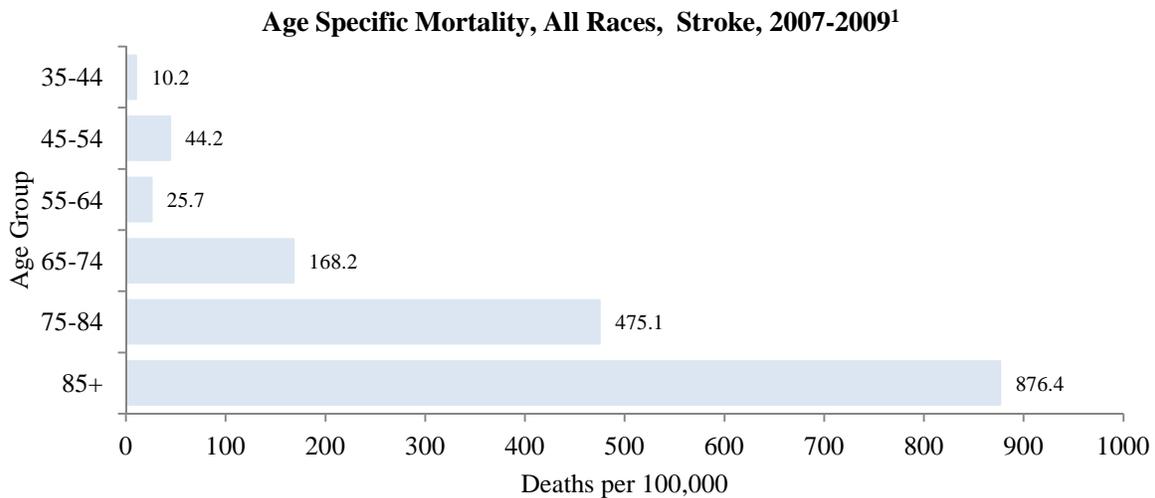
^ Indicates data has been suppressed due to small numbers.

Stroke



Stroke Mortality¹ and Hospitalization², 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|-------|-------|-------|--------|-------|
| Mortality (per 100,000) | 55.9 | 56.3 | 0.0 | 53.9 | 58.6 |
| Hospitalization (per 100,000) | 282.7 | 272.4 | 898.9 | 282.5 | 281.9 |



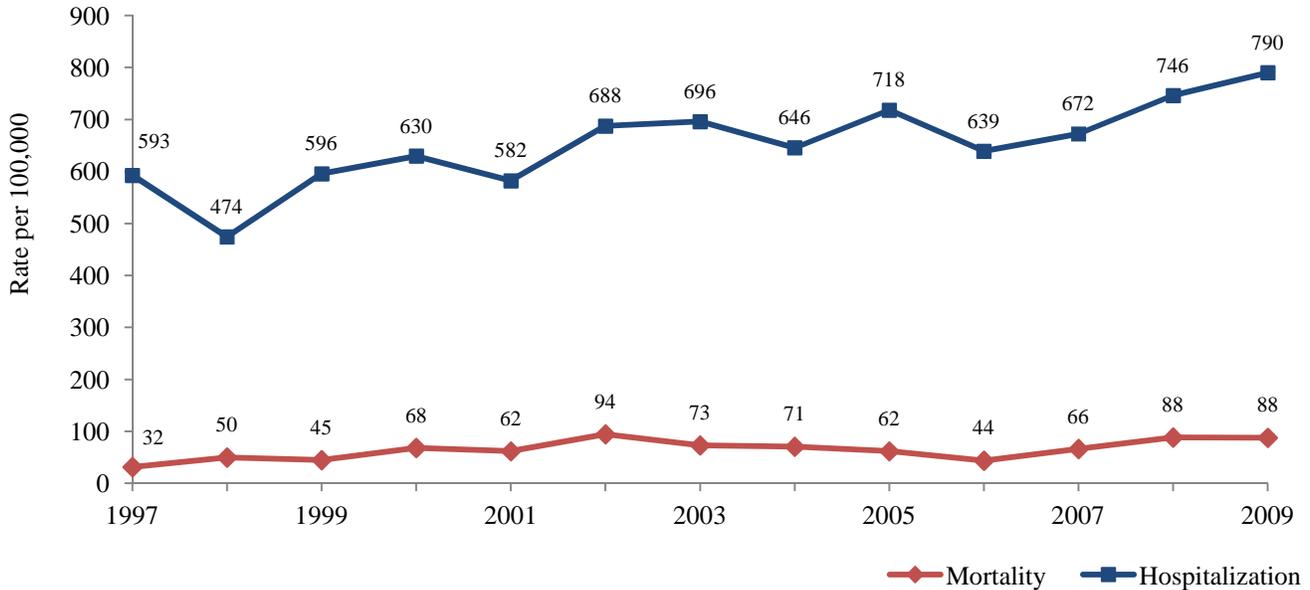
¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

²Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

^ Indicates data has been suppressed due to small numbers.

CLRD¹

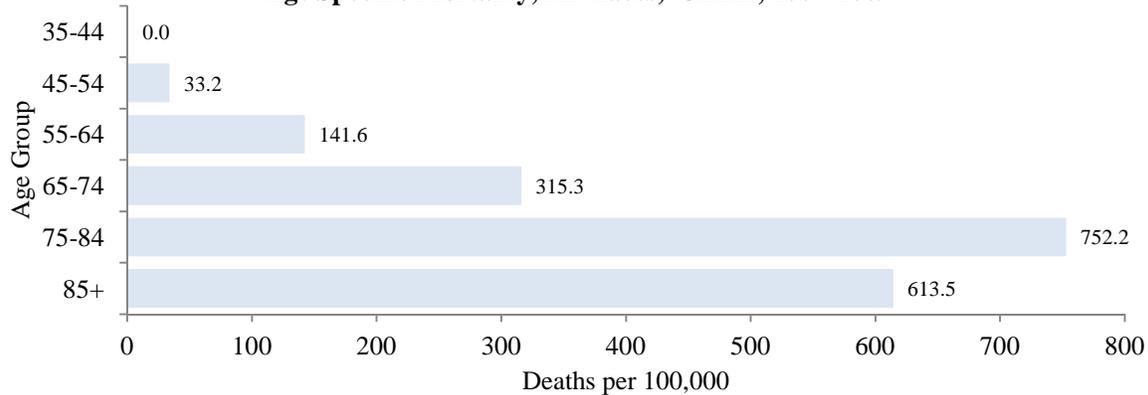
Age Adjusted Mortality² and Hospitalization³, CLRD



Chronic Lower Respiratory Disease Mortality² and Hospitalization³, 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|-------|-------|-------|--------|-------|
| Mortality (per 100,000) | 80.9 | 81.5 | 0.0 | 56.4 | 115.4 |
| Hospitalization (per 100,000) | 736.8 | 734.7 | 0.0 | 801.1 | 695.9 |

Age Specific Mortality, All Races, CLRD, 2007-2009²



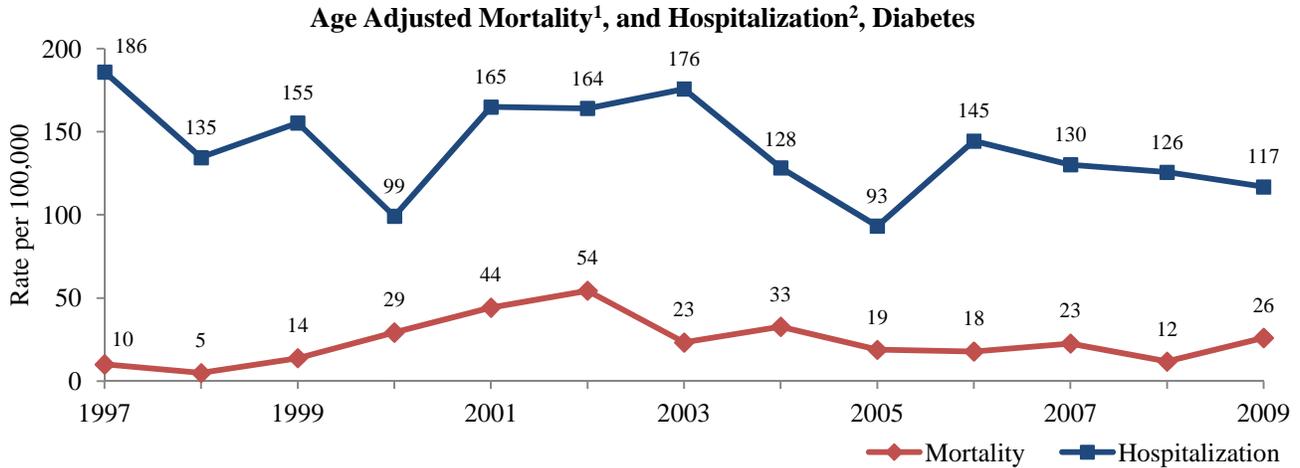
¹CLRD= Chronic Lower Respiratory Disease.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

³Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

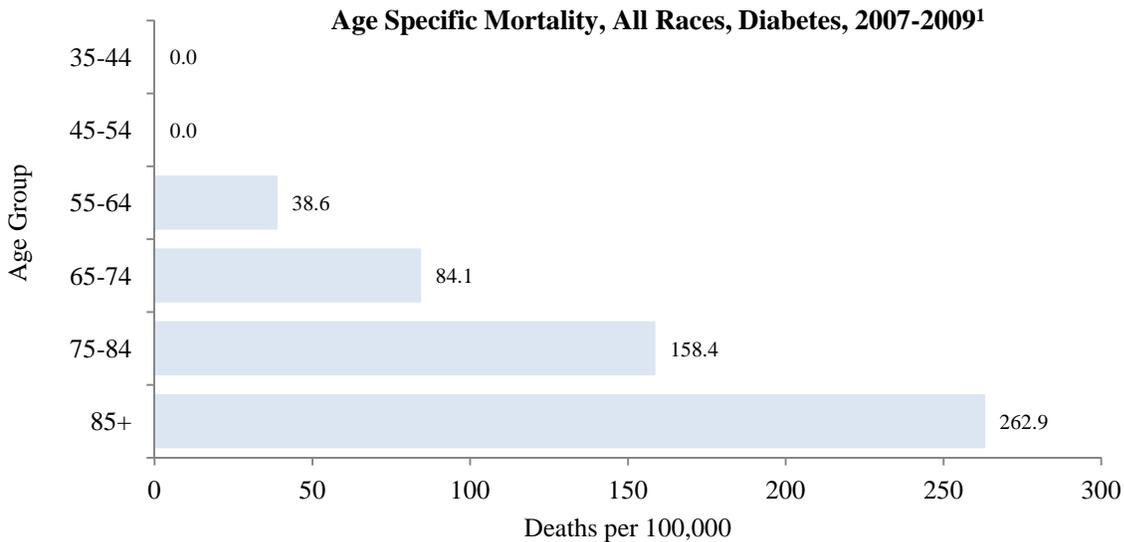
^ Indicates data has been suppressed due to small numbers.

Diabetes



Diabetes Mortality¹ and Hospitalization², 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|-------|-------|--------|--------|-------|
| Mortality (per 100,000) | 20.1 | 20.2 | 0.0 | 21.6 | 16.1 |
| Hospitalization (per 100,000) | 124.3 | 118.1 | 1797.8 | 105.8 | 142.2 |

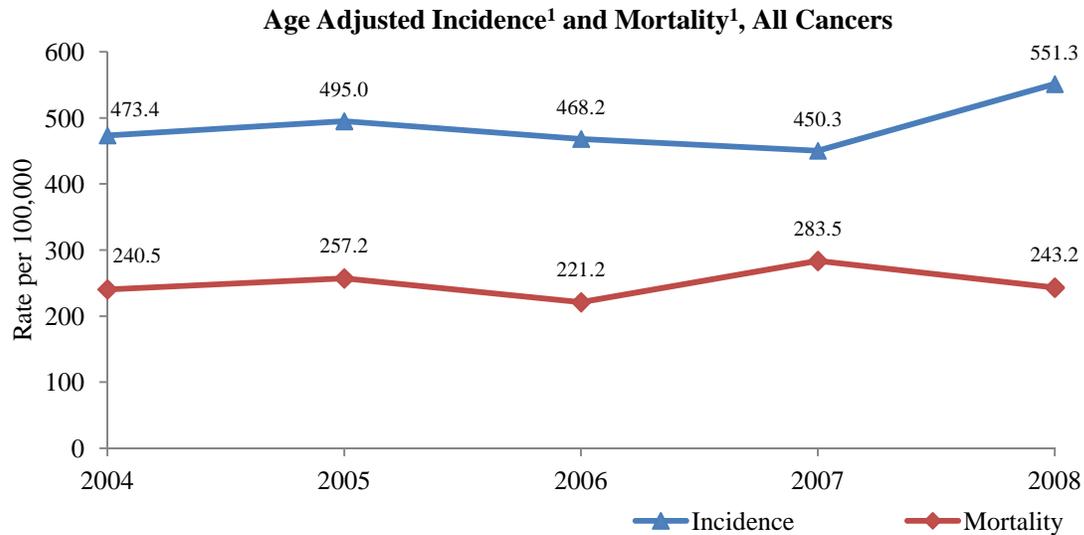


¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

²Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

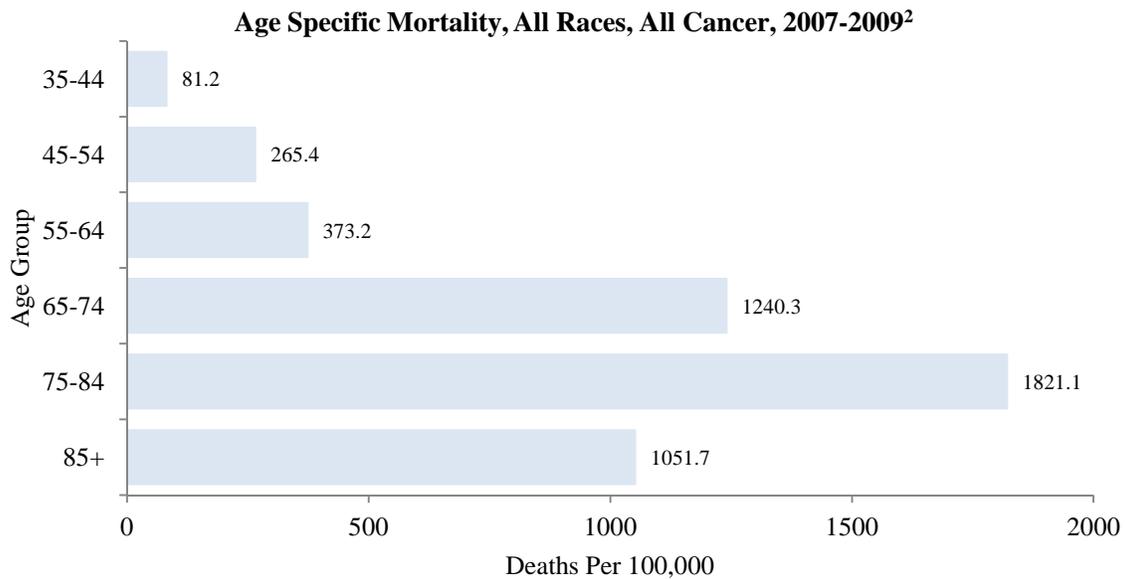
^ Indicates data has been suppressed due to small numbers.

Cancer



Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black | Female | Male |
|-------------------------|-------|-------|-------|--------|-------|
| Incidence (per 100,000) | 488.6 | 489.0 | ^ | 419.8 | 593.9 |
| Mortality (per 100,000) | 248.7 | 250.0 | 0.0 | 195.7 | 328.7 |

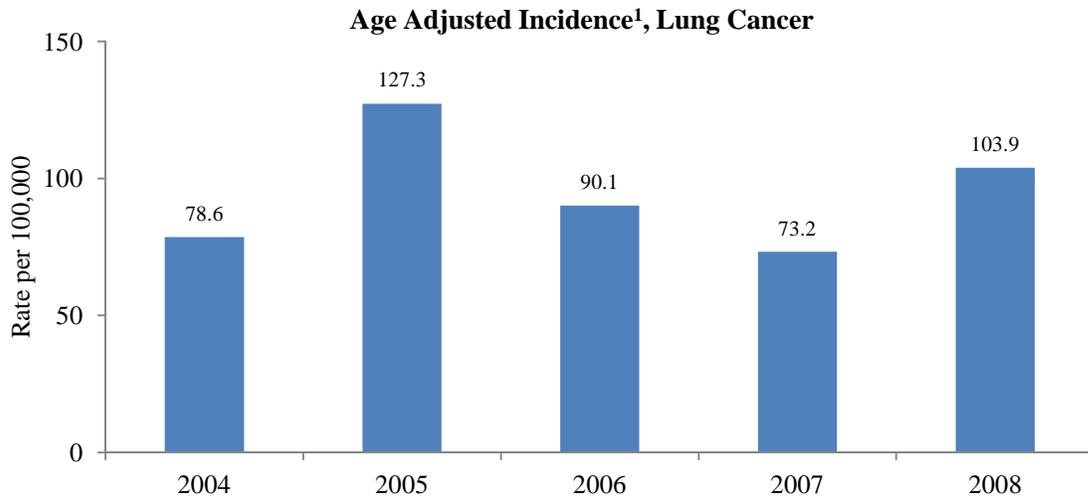


¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

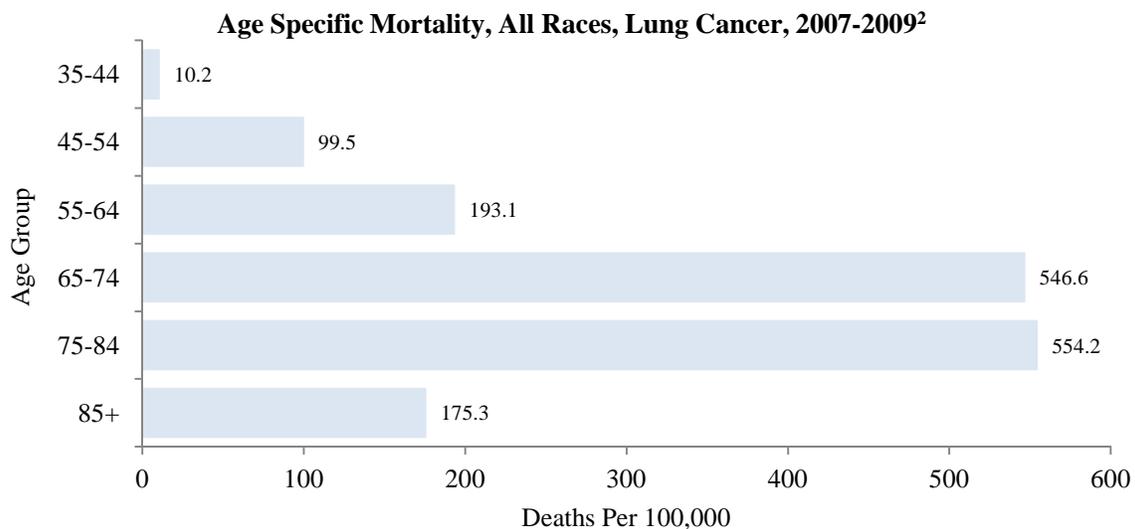
^ Indicates data has been suppressed due to small numbers.

Lung Cancer



Lung Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black | Female | Male |
|-------------------------|-------|-------|-------|--------|-------|
| Incidence (per 100,000) | 94.6 | 94.7 | 0.0 | 56.5 | 145.1 |
| Mortality (per 100,000) | 79.8 | 80.5 | 0.0 | 41.8 | 134.7 |



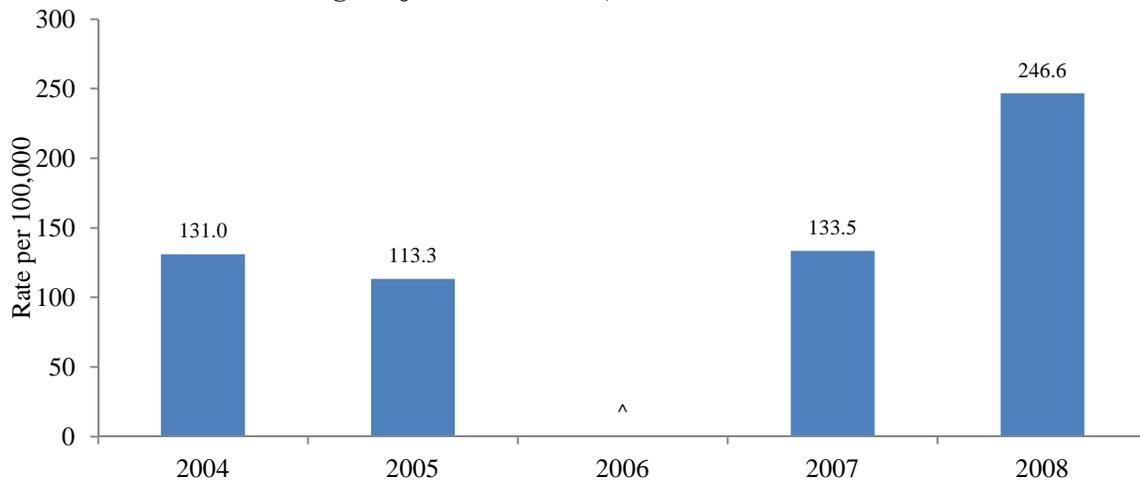
¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

Breast Cancer

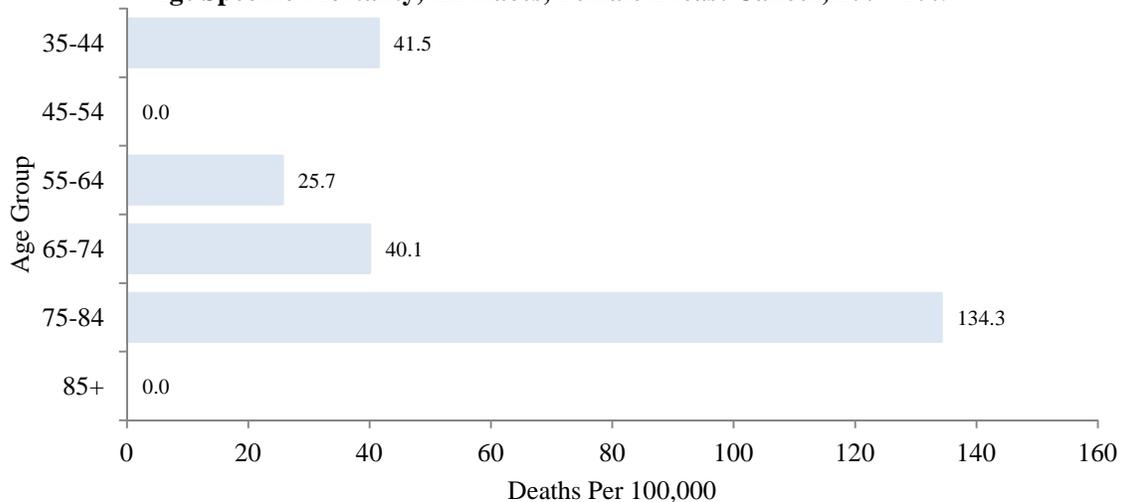
Age Adjusted Incidence¹, Female Breast Cancer



Female Breast Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black |
|-------------------------|-------|-------|-------|
| Incidence (per 100,000) | 140.7 | 142.2 | 0.0 |
| Mortality (per 100,000) | 20.7 | 20.9 | 0.0 |

Age Specific Mortality, All Races, Female Breast Cancer, 2007-2009²



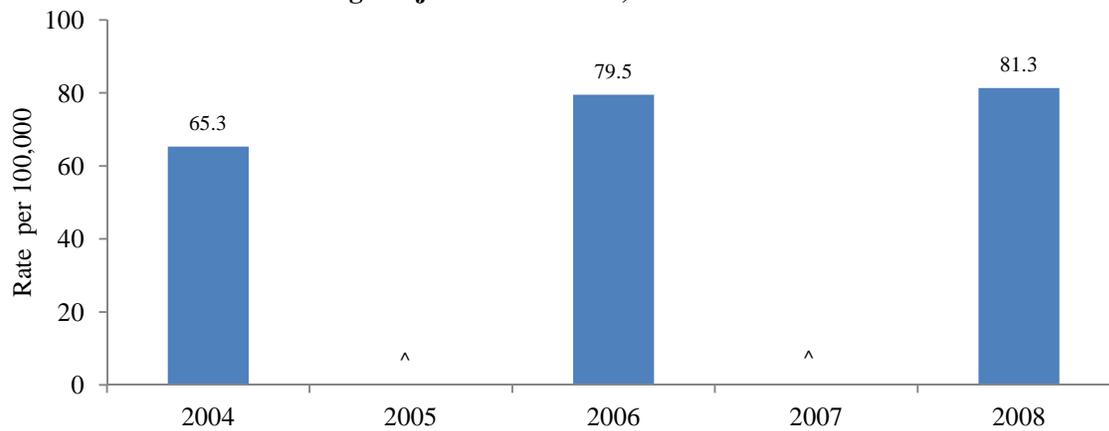
¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

Colorectal Cancer

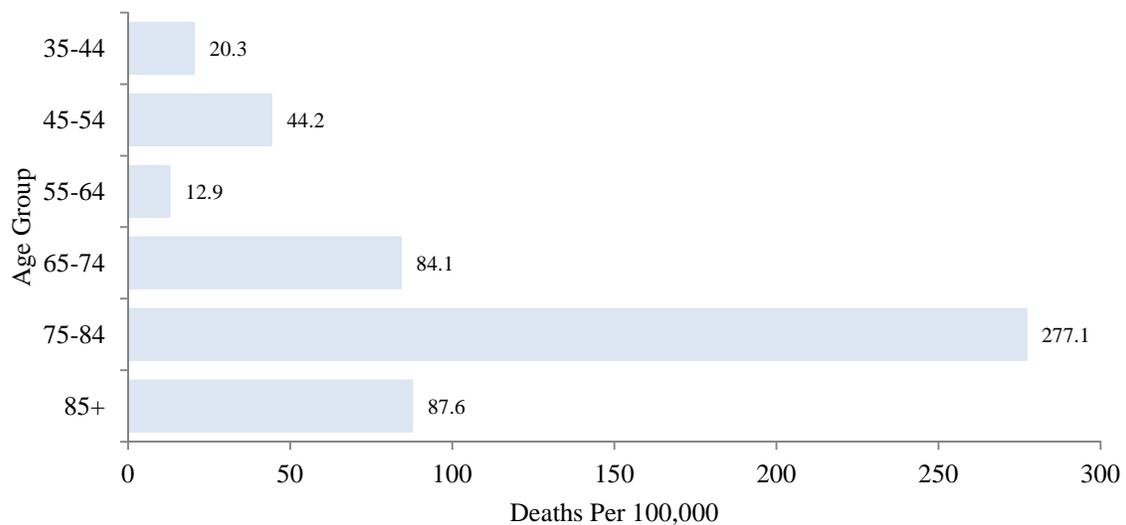
Age Adjusted Incidence¹, Colorectal Cancer



Colorectal Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black | Female | Male |
|-------------------------|-------|-------|-------|--------|------|
| Incidence (per 100,000) | 59.8 | 60.3 | 0.0 | 49.0 | 71.4 |
| Mortality (per 100,000) | 20.2 | 20.4 | 0.0 | 21.3 | ^ |

Age Specific Mortality, All Races, Colorectal Cancer, 2007-2009²



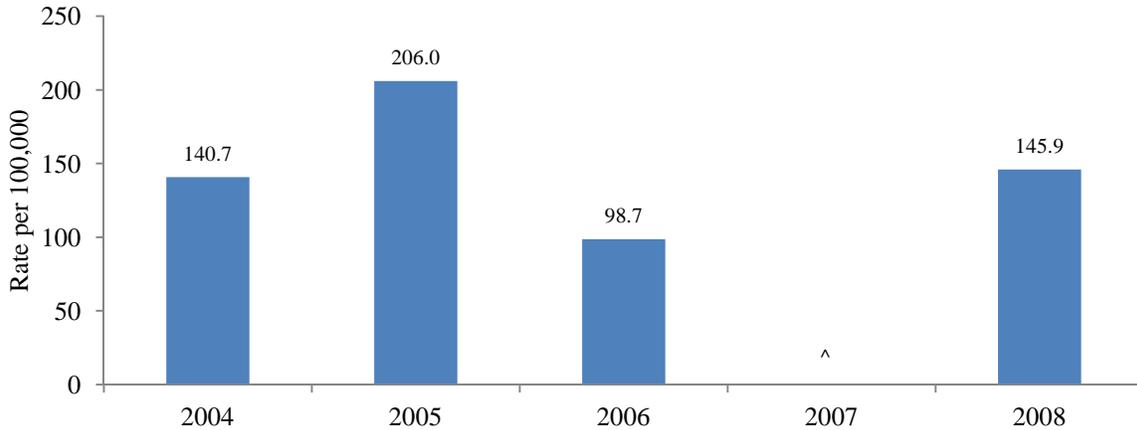
¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

Prostate Cancer

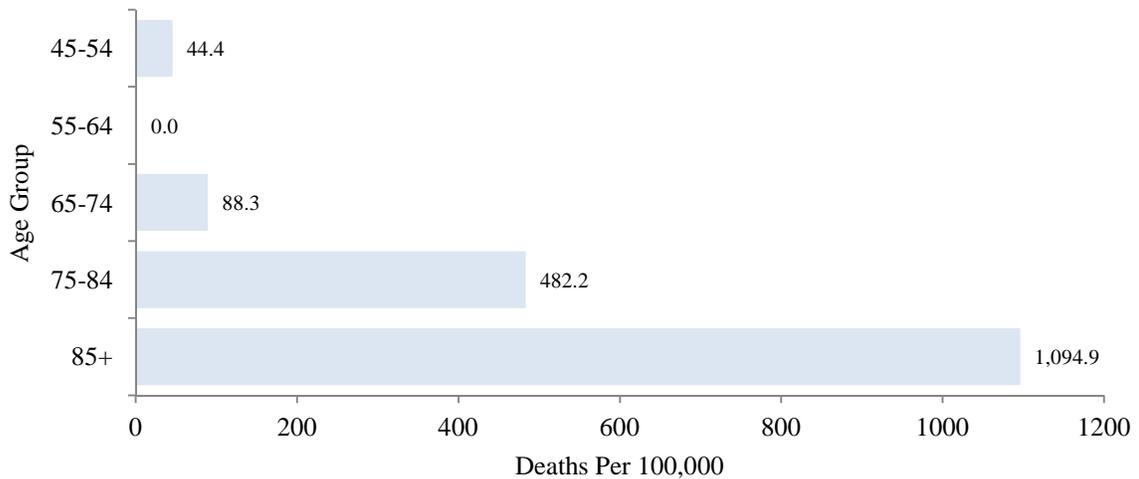
Age Adjusted Incidence¹, Prostate Cancer



Prostate Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black |
|-------------------------|-------|-------|-------|
| Incidence (per 100,000) | 133.2 | 130.7 | ^ |
| Mortality (per 100,000) | 40.2 | 38.8 | 0.0 |

Age Specific Mortality, All Races, Prostate Cancer, 2007-2009²



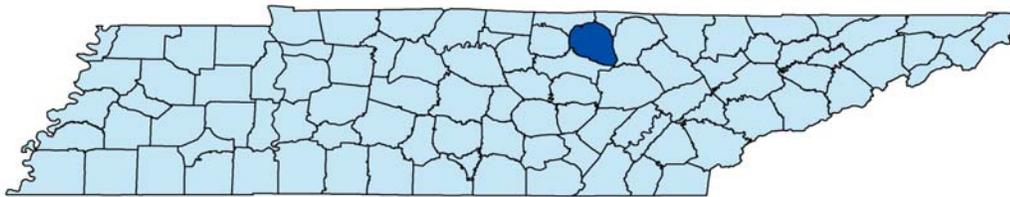
¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

Overton

Demographics

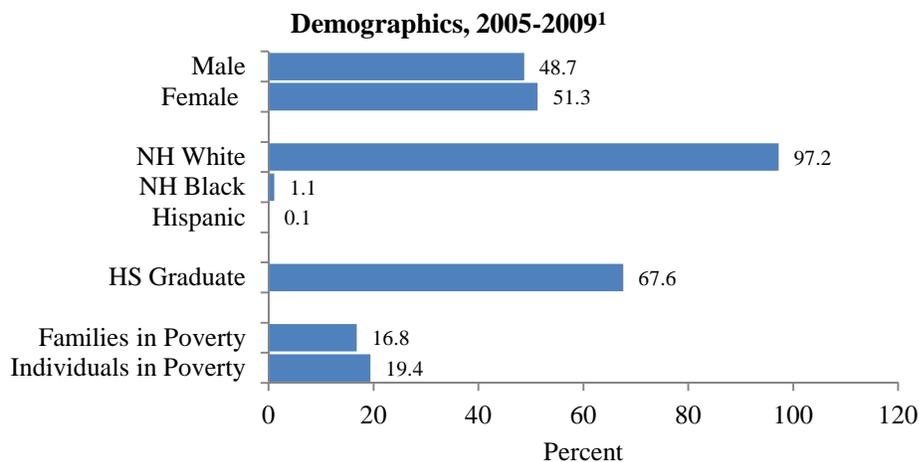


Quick Facts

| | |
|--|----------|
| Median Age ¹ : | 40.6 |
| Median Income ¹ : | \$33,323 |
| Home Ownership ¹ : | 80.0% |
| Unemployment ¹ : | 6.4% |
| Crime Rate ² (per 1,000): | 44.4 |
| Teen Pregnancy Rate ³ (per 1,000): | |
| Overall: | 51.2 |
| White: | 51.3 |
| Black: | ^ |
| Infant Mortality ⁴ (per 1,000): | |
| Overall: | 4.1 |
| White: | 4.1 |
| Black: | ^ |
| Automobile Accident Deaths ⁴ (per 100,000): | 22.2 |

Population by Age, Gender, and Race Distribution (2005-2009)¹

| Age | Gender | | Race | | | Total |
|-------|--------|--------|--------------------|--------------------|----------|--------|
| | Female | Male | Non-Hispanic White | Non-Hispanic Black | Hispanic | |
| <18 | 2,350 | 2,373 | 4,522 | 91 | 0 | 4,723 |
| 18-44 | 3,481 | 3,488 | 6,669 | 132 | 28 | 6,969 |
| 45-64 | 2,913 | 2,804 | 5,652 | 0 | 0 | 5,717 |
| 65+ | 1,931 | 1,476 | 3,392 | 0 | 0 | 3,407 |
| Total | 10,675 | 10,141 | 20,235 | 223 | 28 | 20,816 |



¹Data Source: U.S. Census Bureau, American Community Survey, 2005-2009.

²Data Source: Tennessee Bureau of Investigation. "Tennessee Incident Based Reporting System (TIBRS)" accessed July 26, 2011. <http://www.tennesseeonline.com/tibrspublic2005>, 2007-2009.

³Data Source: Birth Statistical System, Fetal Death Statistical System, and Induced Abortion Statistical System. Tennessee Department of Health, Division of Health Statistics, 2007-2009.

⁴Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics, 2007-2009.

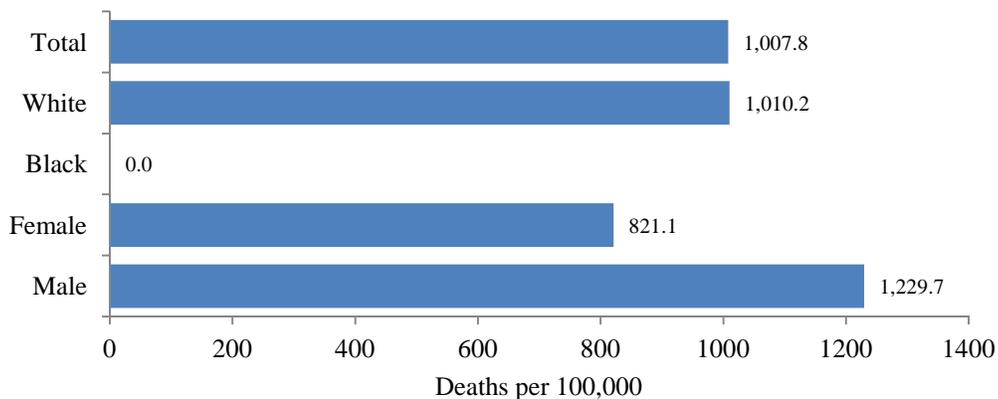
Leading Causes of Death

Leading Causes of Death, 2007-2009¹

| Rank ² | Cause | # Deaths | Age Adjusted Mortality Rate ³ and Demographic Ranking | | | | |
|-------------------|-------------------------------------|----------|--|-------|-------|--------|-------|
| | | | Total | White | Black | Female | Male |
| 1 | Heart disease | 200 | 255.6 | 255.9 | 0.0 | 217.6 | 297.5 |
| 2 | Cancer | 187 | 233.7 | 232.1 | ^ | 163.8 | 321.6 |
| 3 | Chronic lower respiratory diseases | 63 | 78.5 | 79.1 | 0.0 | 52.5 | 112.5 |
| 4 | Stroke | 49 | 62.0 | 62.4 | 0.0 | 73.3 | 40.5 |
| 5 | Alzheimer's disease | 42 | 52.7 | 53.0 | 0.0 | 44.6 | 63.7 |
| 6 | Accidents | 40 | 62.7 | 63.2 | 0.0 | 35.8 | 88.6 |
| 7 | Diabetes mellitus | 26 | 31.8 | 32.0 | 0.0 | 33.9 | 27.7 |
| 8 | Influenza and pneumonia | 19 | 23.7 | 23.9 | 0.0 | 15.3 | 42.5 |
| 9 | Chronic liver disease and cirrhosis | 13 | 18.2 | 18.3 | 0.0 | 11.2 | 25.7 |
| 10 | Suicide | 9 | 14.5 | 14.6 | 0.0 | 10.3 | 19.9 |

| | | | | | |
|--------------|---|---|---|---|---|
| Ranking Key: | 1 | 2 | 3 | 4 | 5 |
|--------------|---|---|---|---|---|

All Cause Mortality by Race, 2007-2009^{1,3}



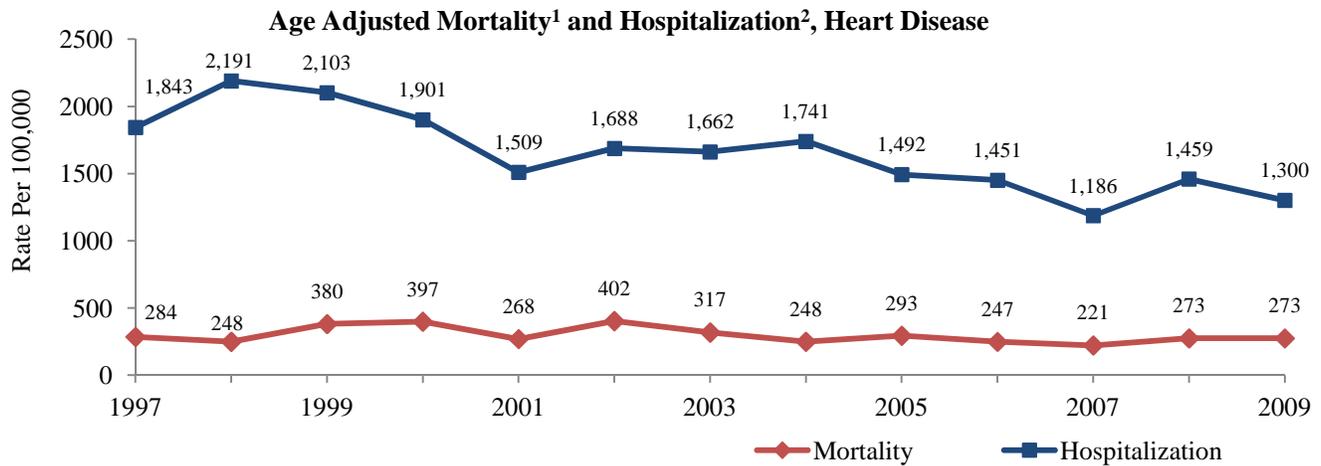
¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

²Ranking order is based on counts for the total population. Demographic ranking is based on counts for each subgroup.

³Annual mortality rate per 100,000 population, age adjusted to the 2000 standard US population.

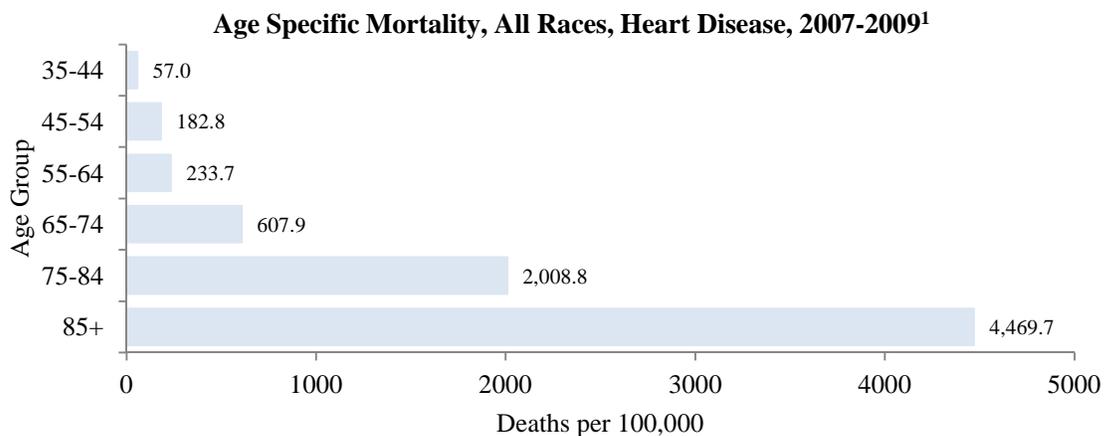
^ Indicates data has been suppressed due to small numbers.

Heart Disease



Heart Disease Mortality¹ and Hospitalization², 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|---------|---------|---------|---------|---------|
| Mortality (per 100,000) | 255.6 | 255.9 | 0.0 | 217.6 | 297.5 |
| Hospitalization (per 100,000) | 1,315.6 | 1,310.3 | 1,016.0 | 1,183.5 | 1,480.0 |

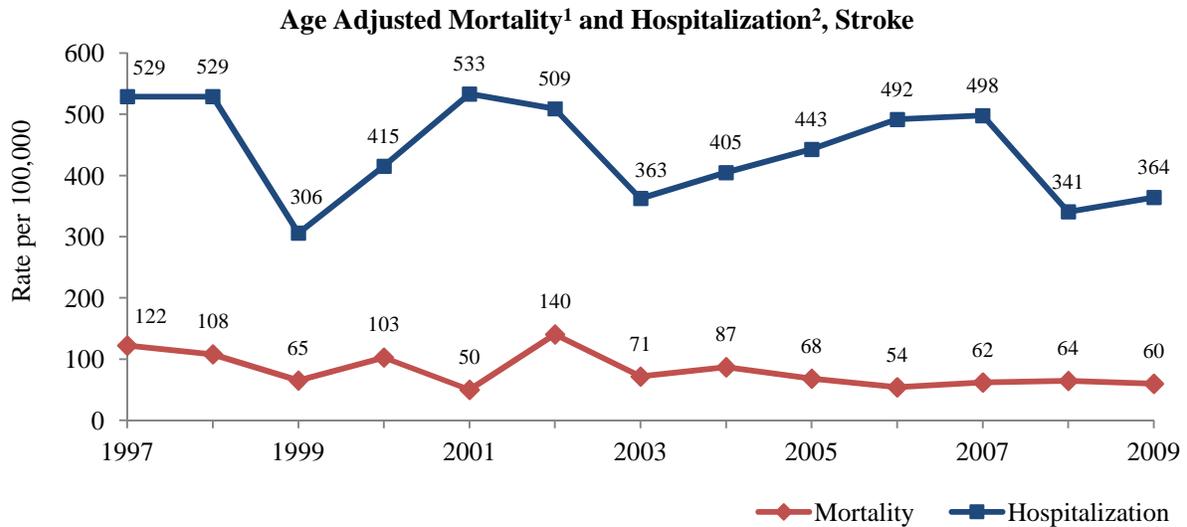


¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

²Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

^ Indicates data has been suppressed due to small numbers.

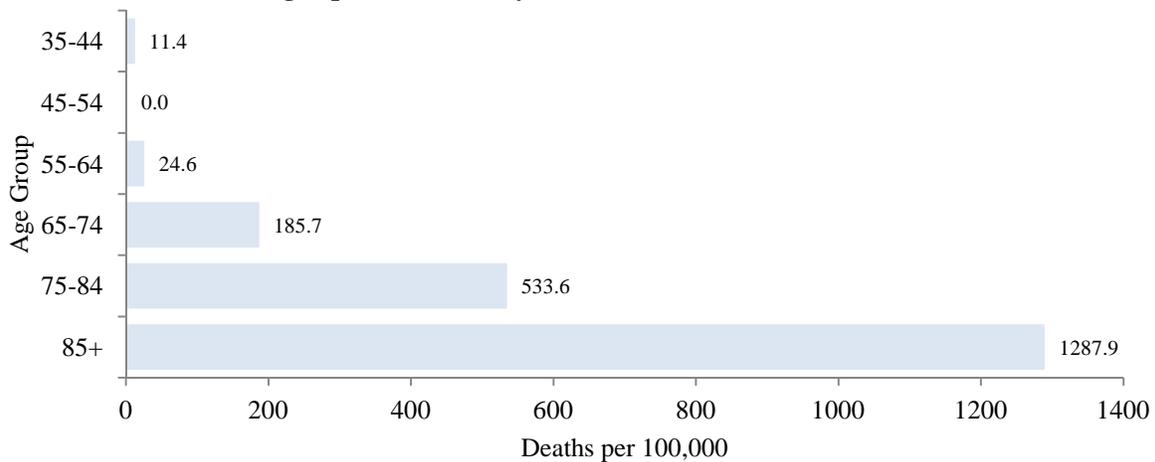
Stroke



Stroke Mortality¹ and Hospitalization², 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|-------|-------|-------|--------|-------|
| Mortality (per 100,000) | 62.0 | 62.4 | 0.0 | 73.3 | 40.5 |
| Hospitalization (per 100,000) | 400.7 | 396.6 | 0.0 | 374.4 | 424.7 |

Age Specific Mortality, All Races, Stroke, 2007-2009¹



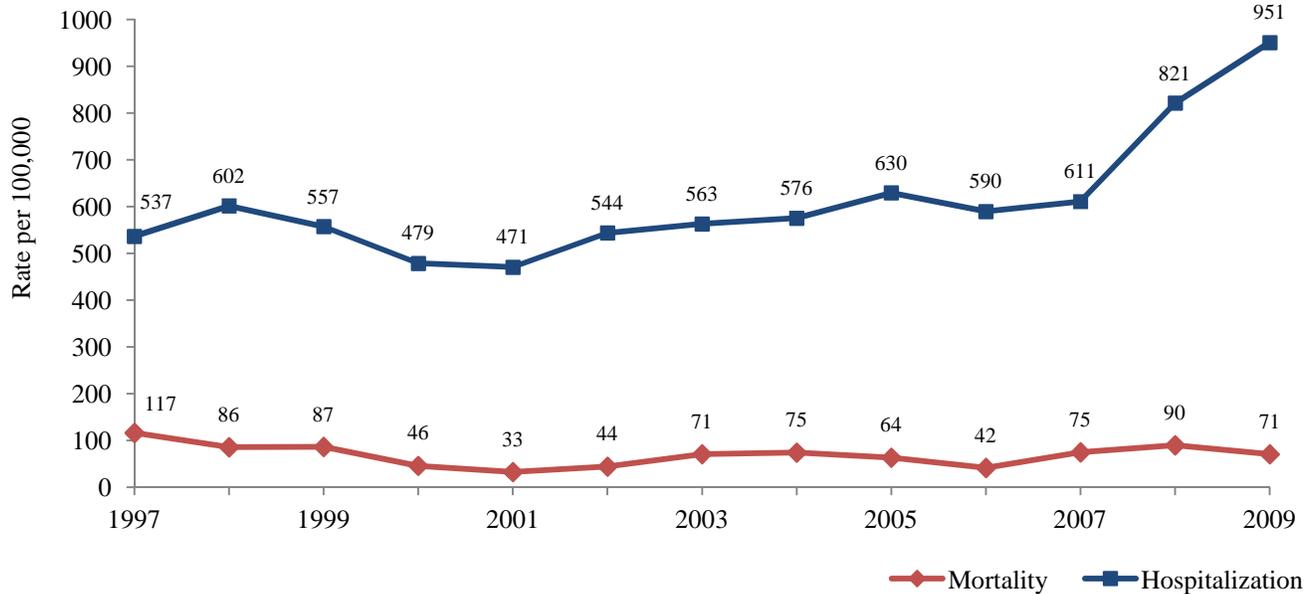
¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

²Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

^ Indicates data has been suppressed due to small numbers.

CLRD¹

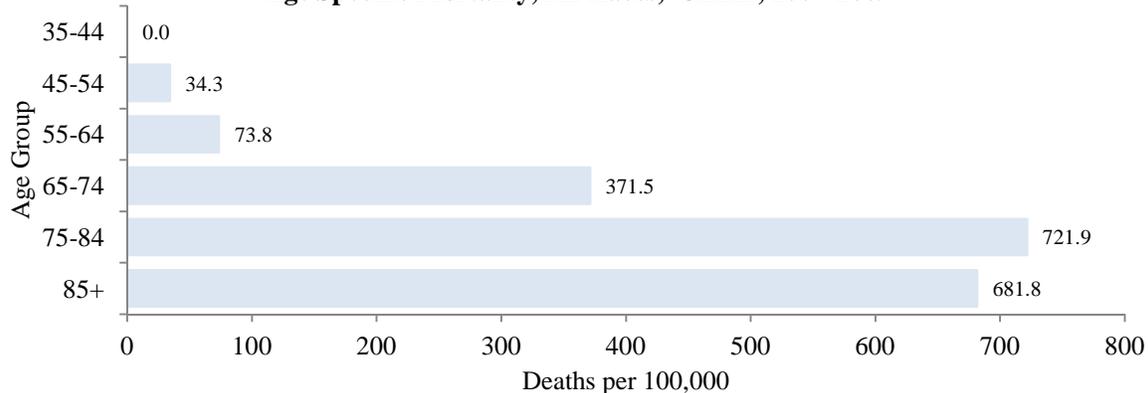
Age Adjusted Mortality² and Hospitalization³, CLRD



Chronic Lower Respiratory Disease Mortality² and Hospitalization³, 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|-------|-------|--------|--------|-------|
| Mortality (per 100,000) | 78.5 | 79.1 | 0.0 | 52.5 | 112.5 |
| Hospitalization (per 100,000) | 795.9 | 795.8 | 1576.8 | 895.5 | 698.3 |

Age Specific Mortality, All Races, CLRD, 2007-2009²



¹CLRD= Chronic Lower Respiratory Disease.

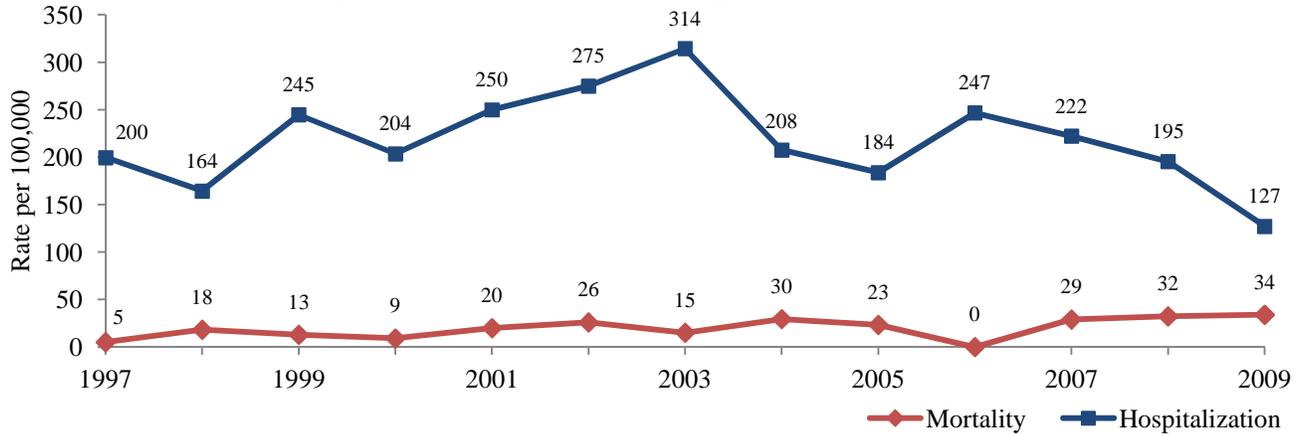
²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

³Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

^ Indicates data has been suppressed due to small numbers.

Diabetes

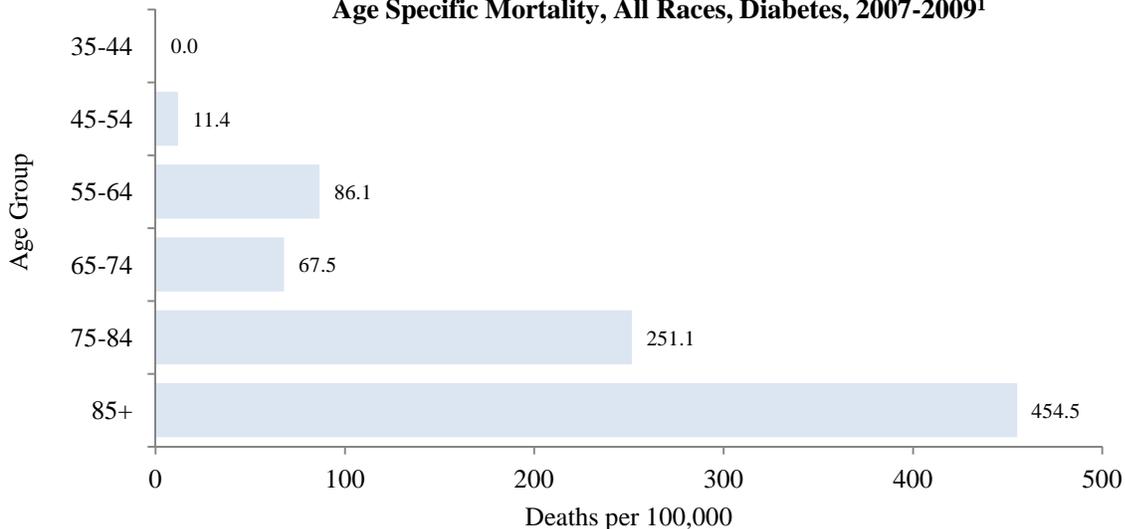
Age Adjusted Mortality¹, and Hospitalization², Diabetes



Diabetes Mortality¹ and Hospitalization², 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|-------|-------|-------|--------|-------|
| Mortality (per 100,000) | 31.8 | 32.0 | 0.0 | 33.9 | 27.7 |
| Hospitalization (per 100,000) | 181.3 | 178.2 | 0.0 | 183.7 | 181.6 |

Age Specific Mortality, All Races, Diabetes, 2007-2009¹

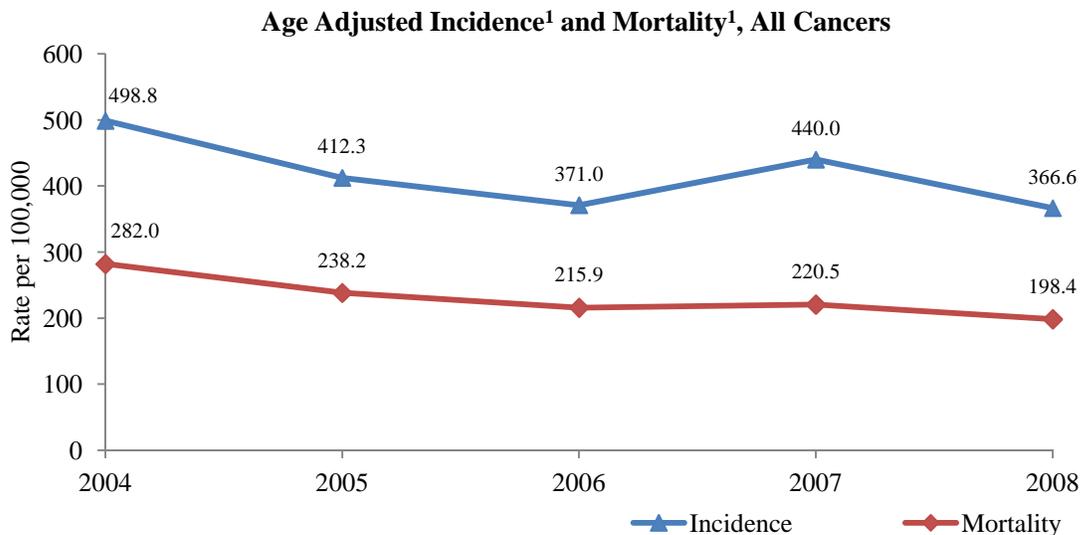


¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

²Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

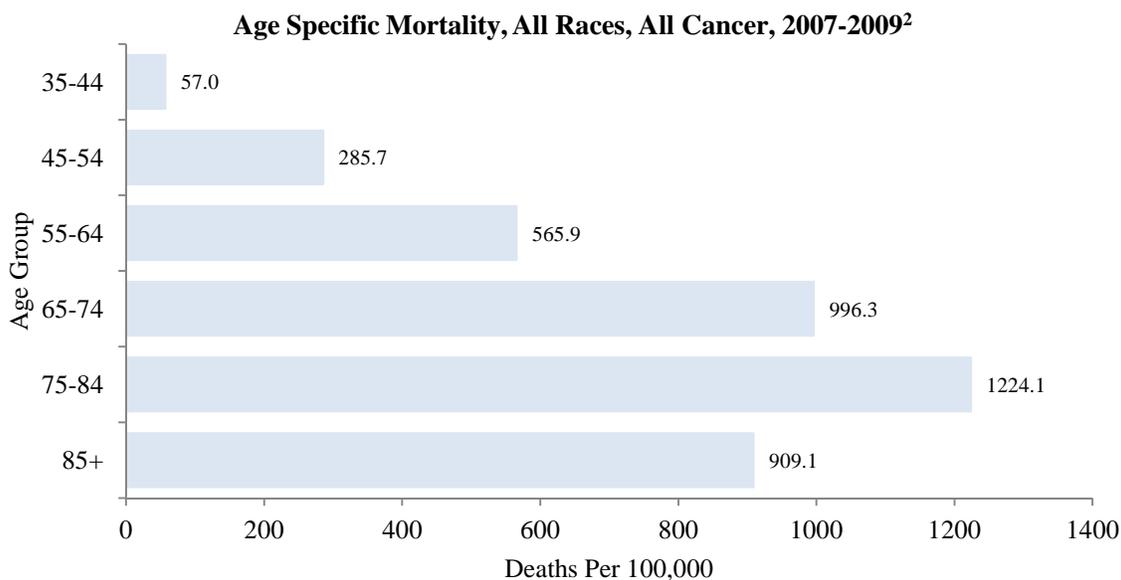
^ Indicates data has been suppressed due to small numbers.

Cancer



Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black | Female | Male |
|-------------------------|-------|-------|-------|--------|-------|
| Incidence (per 100,000) | 417.7 | 417.8 | ^ | 343.5 | 514.1 |
| Mortality (per 100,000) | 229.8 | 229.2 | ^ | 172.4 | 303.3 |

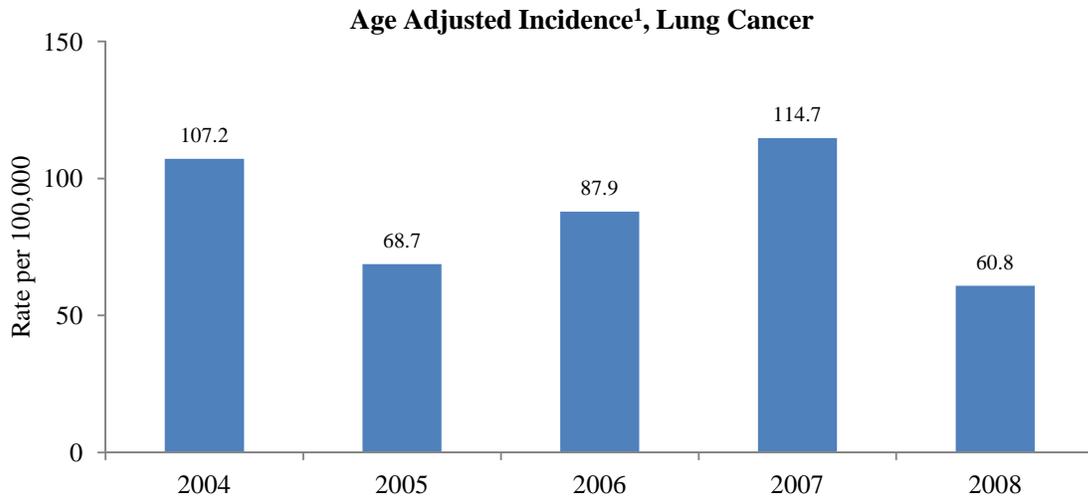


¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

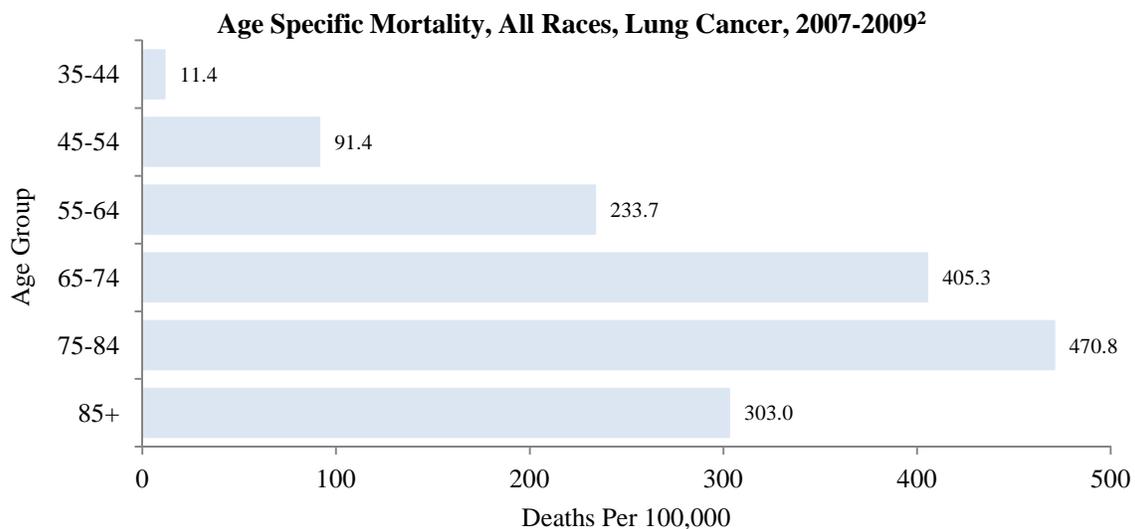
^ Indicates data has been suppressed due to small numbers.

Lung Cancer



Lung Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black | Female | Male |
|-------------------------|-------|-------|-------|--------|-------|
| Incidence (per 100,000) | 87.9 | 88.6 | 0.0 | 53.0 | 129.1 |
| Mortality (per 100,000) | 78.0 | 78.5 | 0.0 | 51.1 | 110.8 |



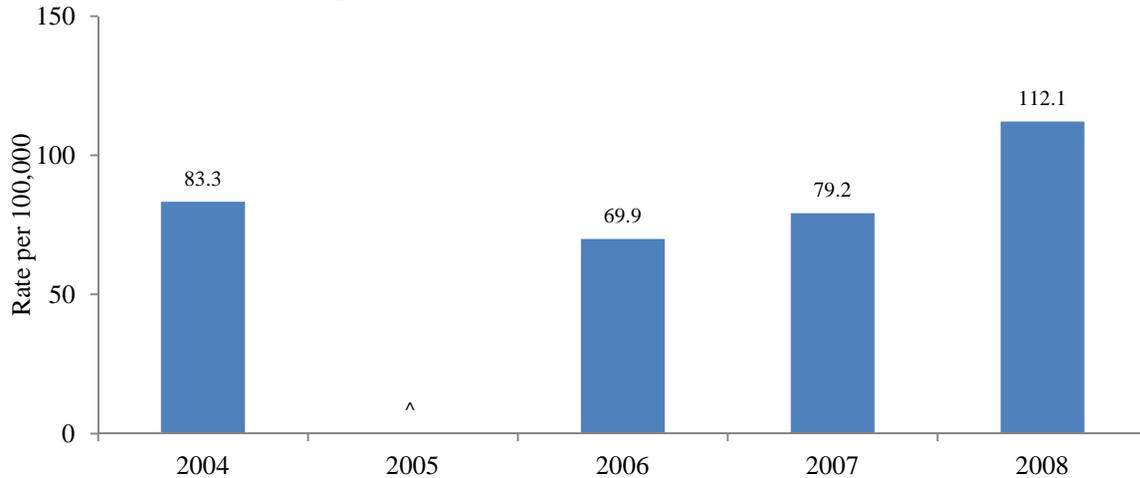
¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

Breast Cancer

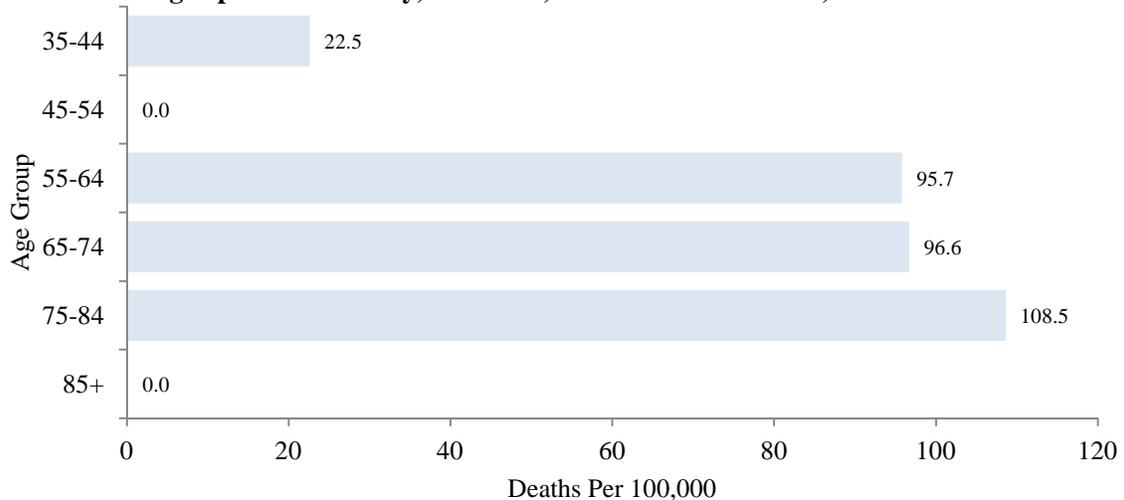
Age Adjusted Incidence¹, Female Breast Cancer



Female Breast Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black |
|-------------------------|-------|-------|-------|
| Incidence (per 100,000) | 79.7 | 80.2 | 0.0 |
| Mortality (per 100,000) | 16.6 | 16.7 | 0.0 |

Age Specific Mortality, All Races, Female Breast Cancer, 2007-2009²



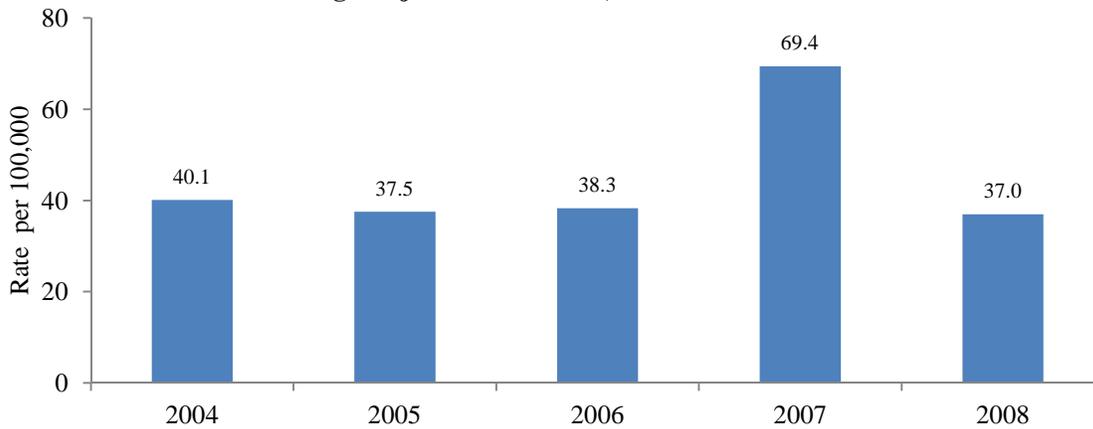
¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

Colorectal Cancer

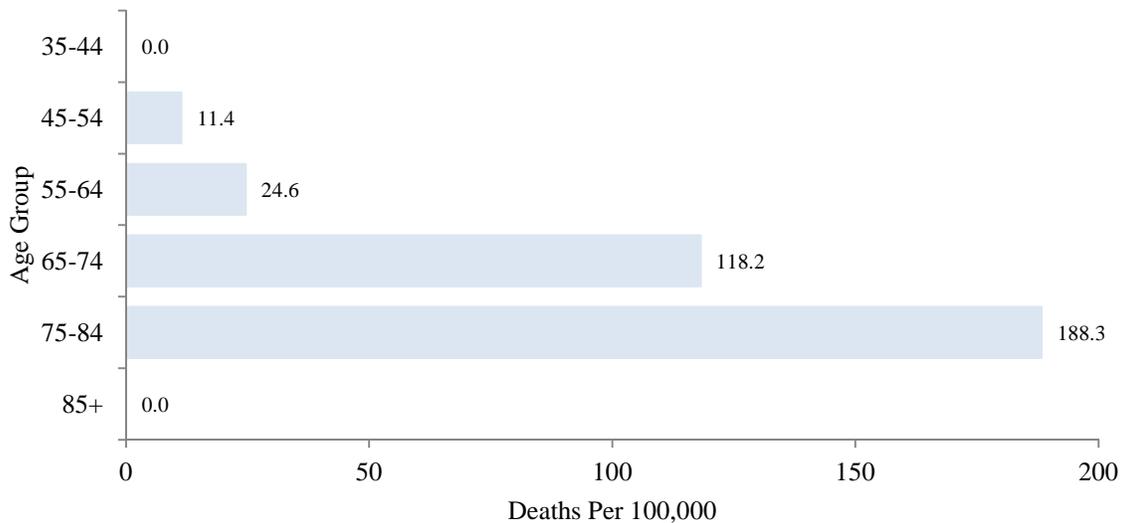
Age Adjusted Incidence¹, Colorectal Cancer



Colorectal Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black | Female | Male |
|-------------------------|-------|-------|-------|--------|------|
| Incidence (per 100,000) | 44.7 | 45.0 | 0.0 | 44.1 | 44.5 |
| Mortality (per 100,000) | 19.9 | 20.0 | 0.0 | 19.0 | 20.6 |

Age Specific Mortality, All Races, Colorectal Cancer, 2007-2009²



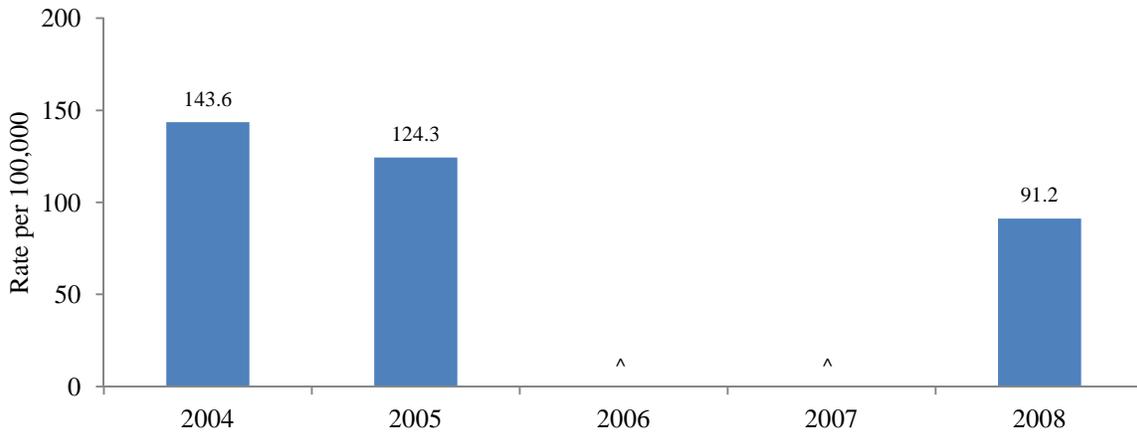
¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

Prostate Cancer

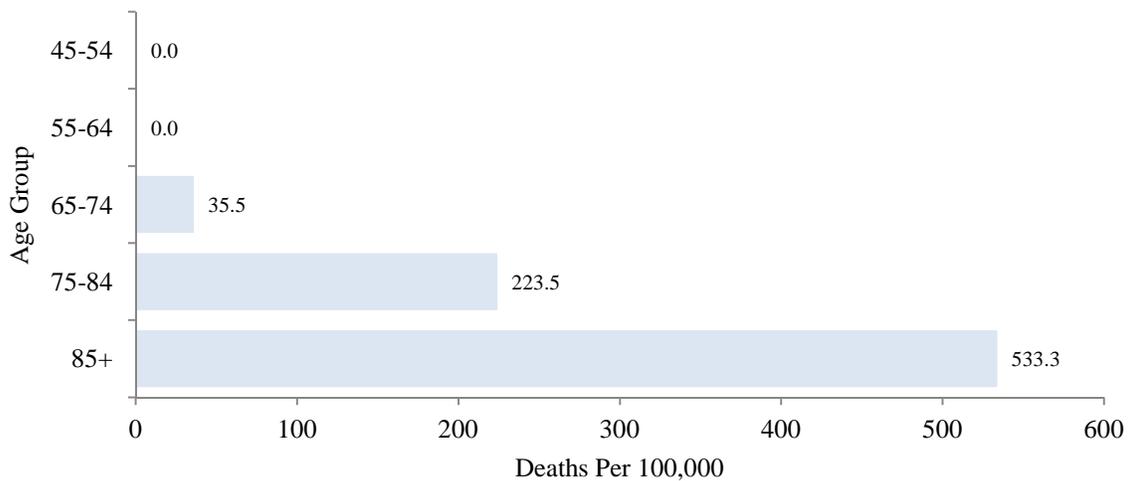
Age Adjusted Incidence¹, Prostate Cancer



Prostate Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black |
|-------------------------|-------|-------|-------|
| Incidence (per 100,000) | 97.9 | 96.8 | 0.0 |
| Mortality (per 100,000) | 33.2 | 33.5 | 0.0 |

Age Specific Mortality, All Races, Prostate Cancer, 2007-2009²



¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

Demographics

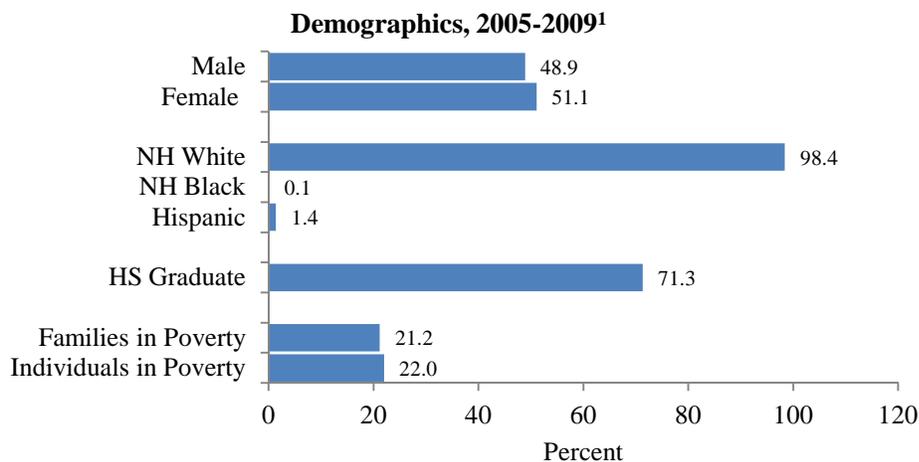


Quick Facts

| | |
|--|----------|
| Median Age ¹ : | 40.3 |
| Median Income ¹ : | \$24,757 |
| Home Ownership ¹ : | 77.2% |
| Unemployment ¹ : | 5.8% |
| Crime Rate ² (per 1,000): | 20.9 |
| Teen Pregnancy Rate ³ (per 1,000): | |
| Overall: | 41.8 |
| White: | 42.2 |
| Black: | ^ |
| Infant Mortality ⁴ (per 1,000): | |
| Overall: | 14.9 |
| White: | 15.0 |
| Black: | ^ |
| Automobile Accident Deaths ⁴ (per 100,000): | 12.7 |

Population by Age, Gender, and Race Distribution (2005-2009)¹

| Age | Gender | | Race | | | Total |
|-------|--------|-------|--------------------|--------------------|----------|-------|
| | Female | Male | Non-Hispanic White | Non-Hispanic Black | Hispanic | |
| <18 | 553 | 621 | 1,174 | 0 | 0 | 1,174 |
| 18-44 | 705 | 806 | 1,443 | 4 | 68 | 1,511 |
| 45-64 | 655 | 608 | 1,262 | 0 | 0 | 1,263 |
| 65+ | 541 | 314 | 847 | 0 | 0 | 855 |
| Total | 2,454 | 2,349 | 4,726 | 4 | 68 | 4,803 |



¹Data Source: U.S. Census Bureau, American Community Survey, 2005-2009.

²Data Source: Tennessee Bureau of Investigation. "Tennessee Incident Based Reporting System (TIBRS)" accessed July 26, 2011. <http://www.tennesseeonline.com/tibrspublic2005>, 2007-2009.

³Data Source: Birth Statistical System, Fetal Death Statistical System, and Induced Abortion Statistical System. Tennessee Department of Health, Division of Health Statistics, 2007-2009.

⁴Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics, 2007-2009.

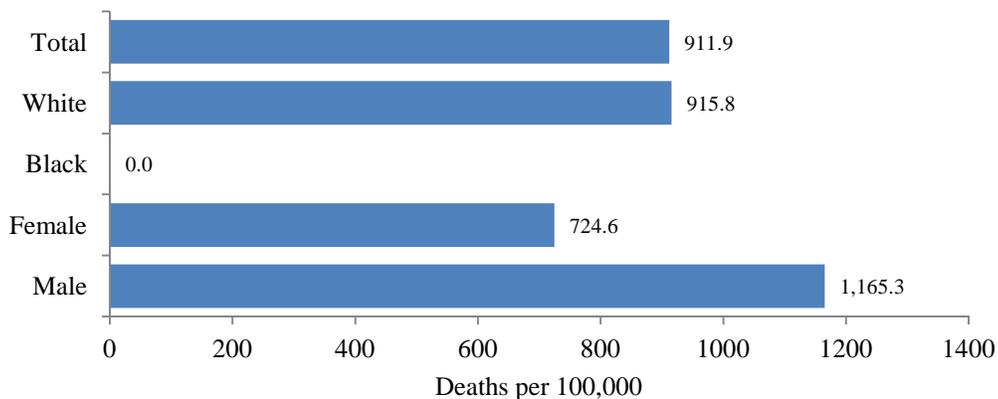
Leading Causes of Death

Leading Causes of Death, 2007-2009¹

| Rank ² | Cause | # Deaths | Age Adjusted Mortality Rate ³ and Demographic Ranking | | | | |
|-------------------|---|----------|--|-------|-------|--------|-------|
| | | | Total | White | Black | Female | Male |
| 1 | Heart disease | 50 | 237.5 | 238.5 | 0.0 | 166.0 | 343.7 |
| 2 | Cancer | 45 | 205.4 | 206.5 | 0.0 | 153.4 | 277.6 |
| 3 | Chronic lower respiratory diseases | 23 | 104.6 | 104.9 | 0.0 | 104.1 | 126.0 |
| 4 | Accidents | 12 | 85.2 | 85.7 | 0.0 | 80.9 | 86.4 |
| 5 | Alzheimer's disease | 10 | 47.4 | 47.5 | 0.0 | 45.0 | 55.6 |
| 6 | Stroke | 7 | 37.6 | 37.7 | 0.0 | 43.3 | 28.6 |
| 7 | Influenza and pneumonia | 5 | 25.4 | 25.5 | 0.0 | 12.8 | 33.6 |
| 8 | Septicemia | 4 | 16.9 | 16.9 | 0.0 | 13.7 | 25.6 |
| 9 | Diabetes mellitus | 2 | 8.7 | 8.8 | 0.0 | 7.3 | 12.0 |
| 10 | Certain conditions originating in the perinatal | 1 | 8.4 | 8.5 | 0.0 | 0.0 | 16.5 |

| | | | | | |
|--------------|---|---|---|---|---|
| Ranking Key: | 1 | 2 | 3 | 4 | 5 |
|--------------|---|---|---|---|---|

All Cause Mortality by Race, 2007-2009^{1,3}



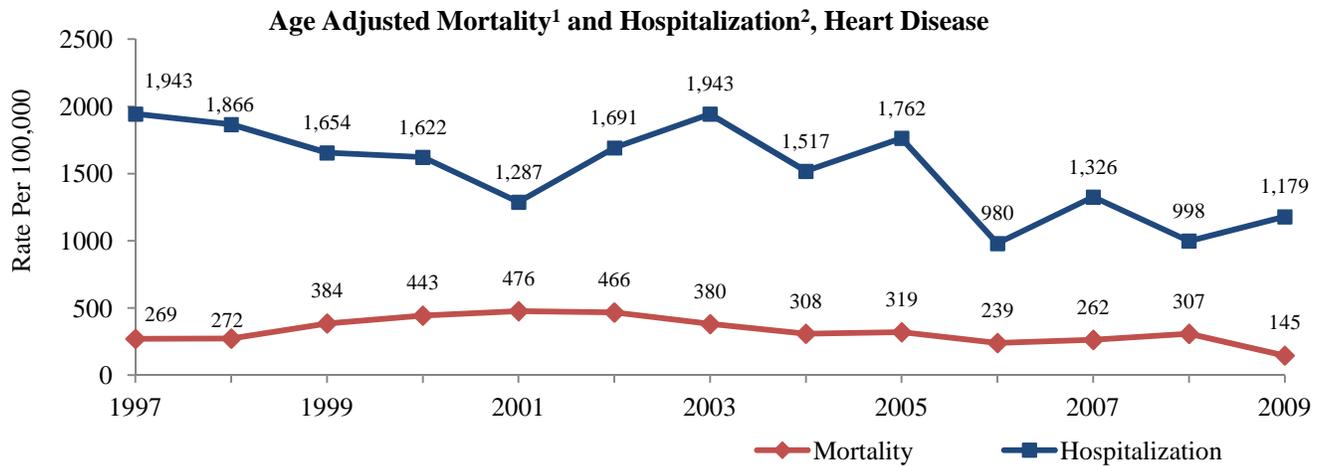
¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

²Ranking order is based on counts for the total population. Demographic ranking is based on counts for each subgroup.

³Annual mortality rate per 100,000 population, age adjusted to the 2000 standard US population.

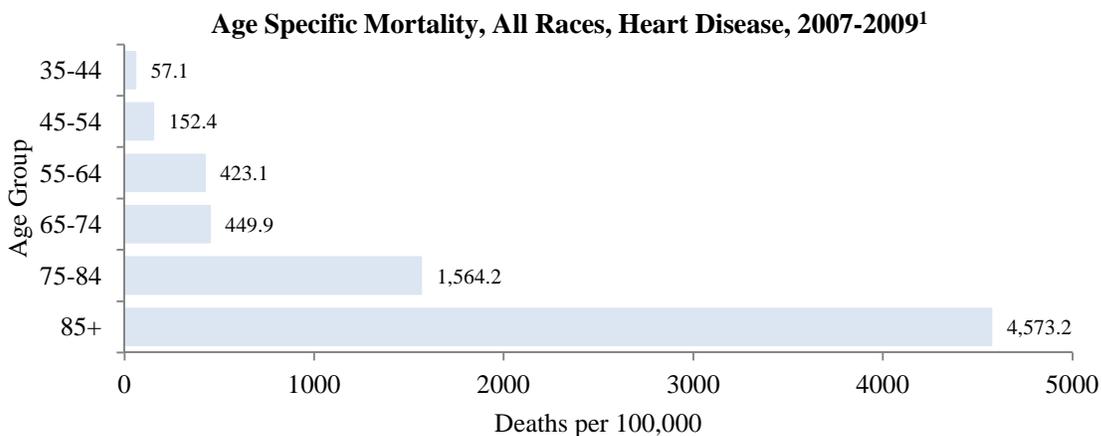
^ Indicates data has been suppressed due to small numbers.

Heart Disease



Heart Disease Mortality¹ and Hospitalization², 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|---------|---------|-------|--------|---------|
| Mortality (per 100,000) | 237.5 | 238.5 | 0.0 | 166.0 | 343.7 |
| Hospitalization (per 100,000) | 1,166.3 | 1,149.6 | 0.0 | 935.4 | 1,407.8 |

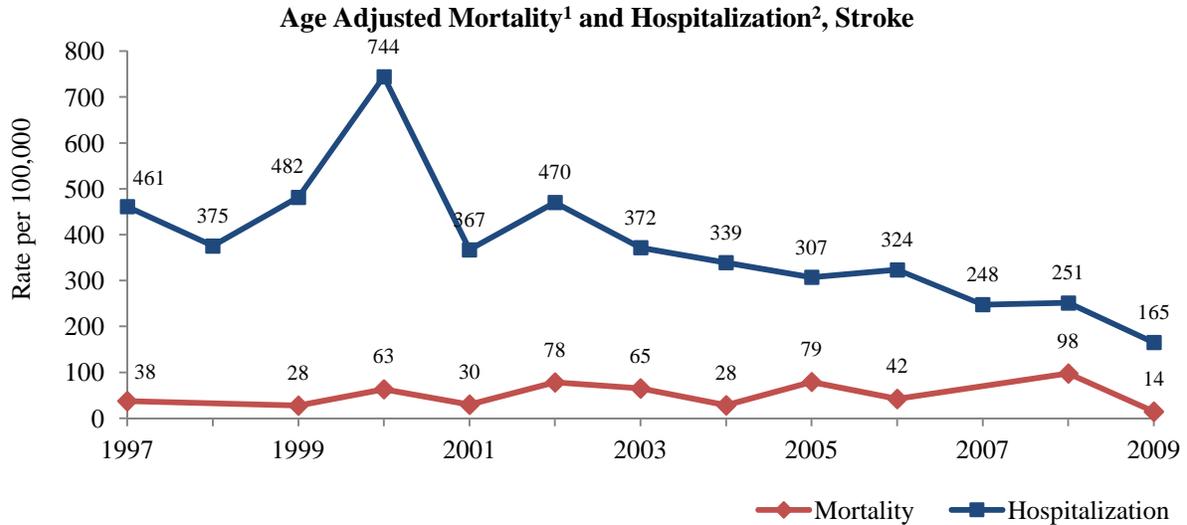


¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

²Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

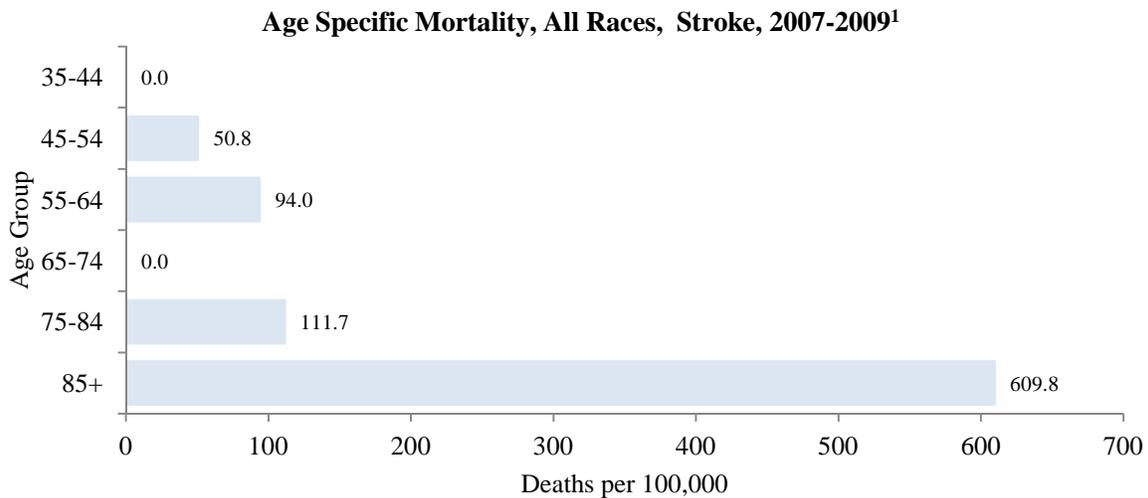
^ Indicates data has been suppressed due to small numbers.

Stroke



Stroke Mortality¹ and Hospitalization², 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|-------|-------|-------|--------|-------|
| Mortality (per 100,000) | 37.6 | 37.7 | 0.0 | 43.3 | 28.6 |
| Hospitalization (per 100,000) | 220.0 | 213.0 | 0.0 | 195.8 | 234.8 |



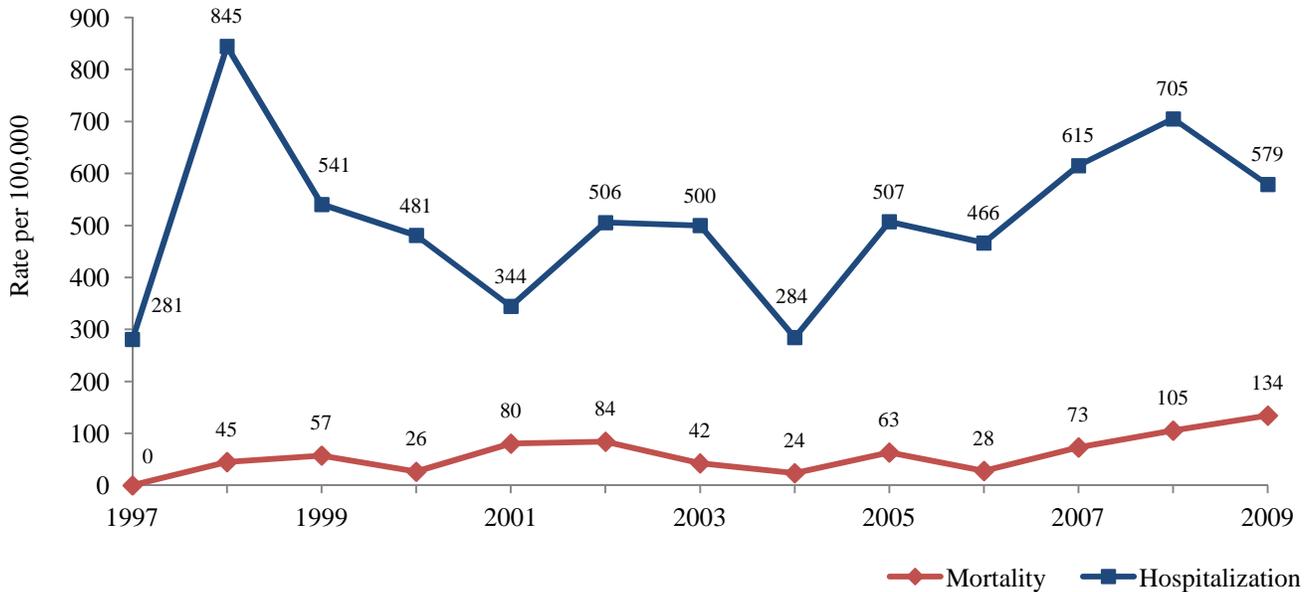
¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

²Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

^ Indicates data has been suppressed due to small numbers.

CLRD¹

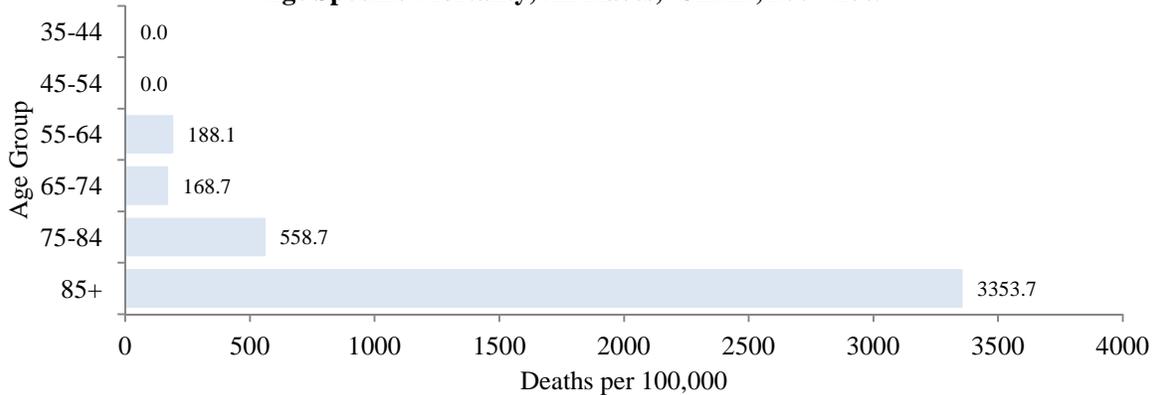
Age Adjusted Mortality² and Hospitalization³, CLRD



Chronic Lower Respiratory Disease Mortality² and Hospitalization³, 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|-------|-------|-------|--------|-------|
| Mortality (per 100,000) | 104.6 | 104.9 | 0.0 | 104.1 | 126.0 |
| Hospitalization (per 100,000) | 633.0 | 636.4 | 0.0 | 899.3 | 434.0 |

Age Specific Mortality, All Races, CLRD, 2007-2009²



¹CLRD= Chronic Lower Respiratory Disease.

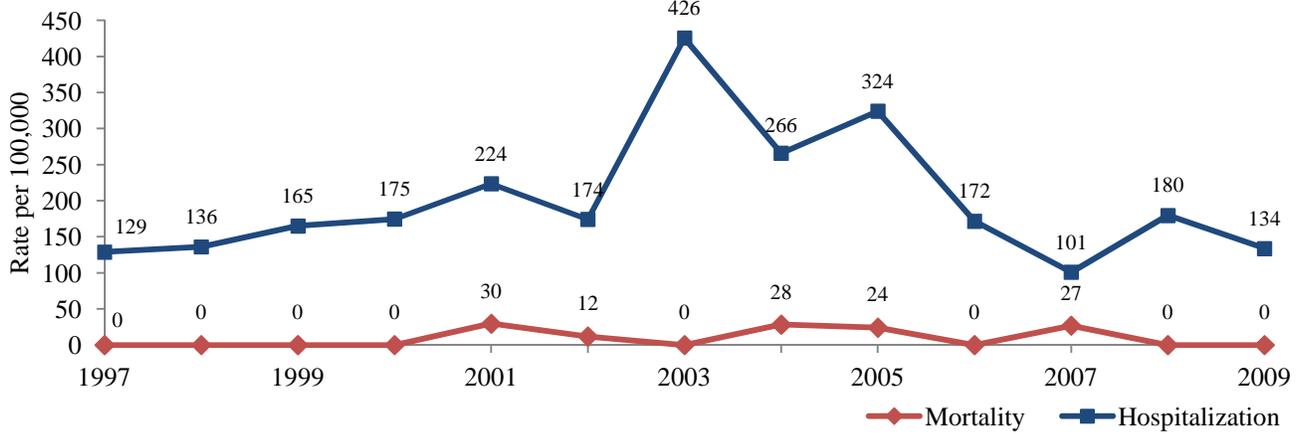
²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

³Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

^ Indicates data has been suppressed due to small numbers.

Diabetes

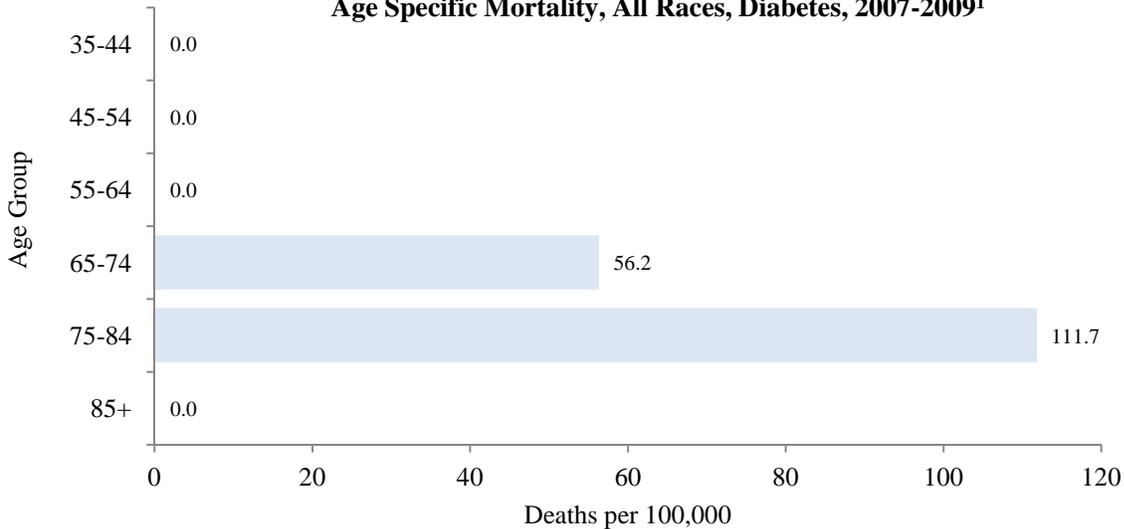
Age Adjusted Mortality¹, and Hospitalization², Diabetes



Diabetes Mortality¹ and Hospitalization², 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|-------|-------|-------|--------|------|
| Mortality (per 100,000) | 8.7 | 8.8 | 0.0 | 7.3 | 12.0 |
| Hospitalization (per 100,000) | 137.4 | 131.2 | 0.0 | 227.8 | 39.9 |

Age Specific Mortality, All Races, Diabetes, 2007-2009¹

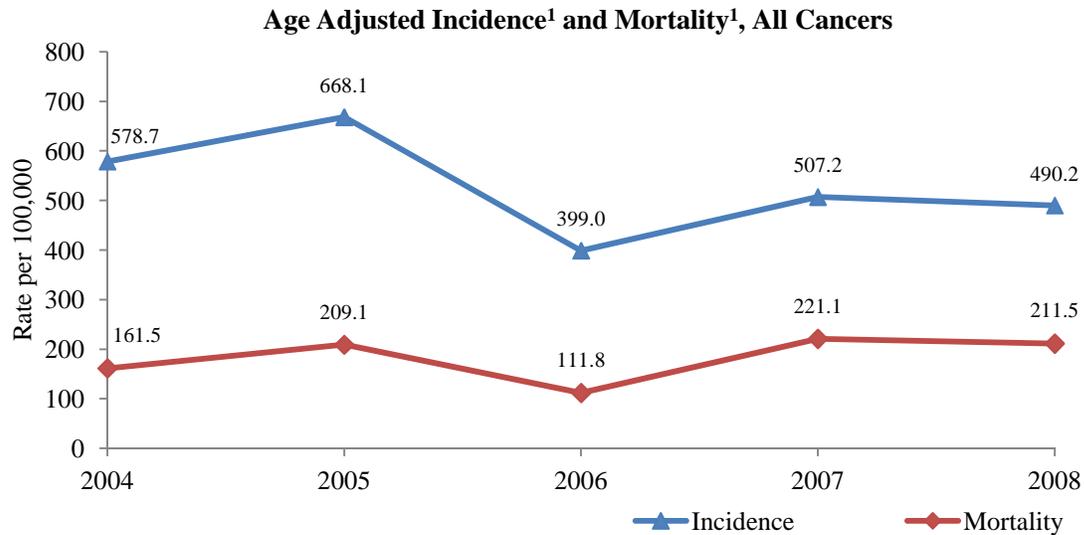


¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

²Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

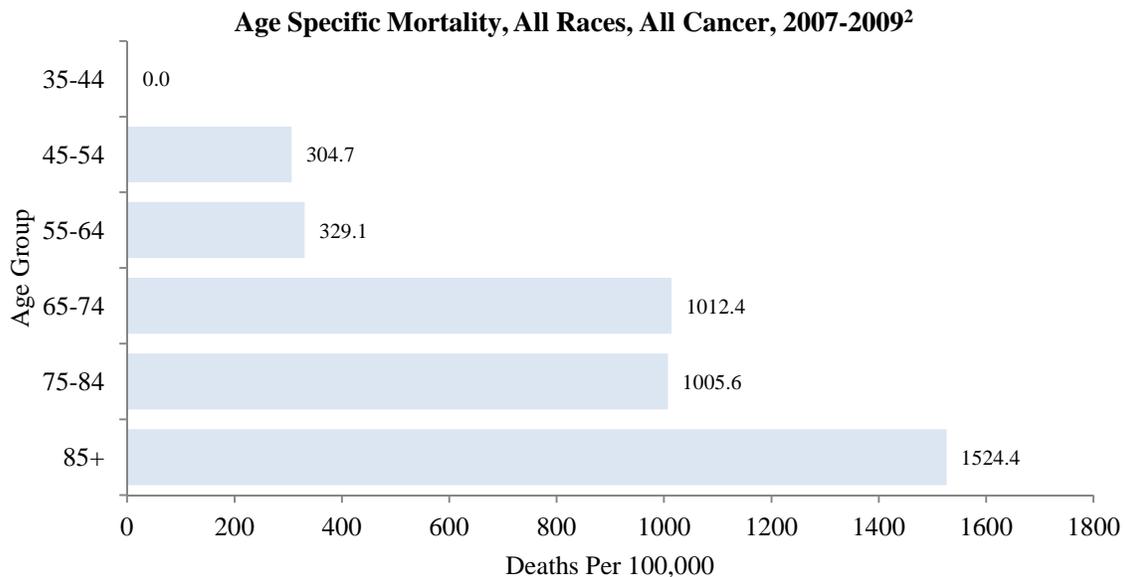
^ Indicates data has been suppressed due to small numbers.

Cancer



Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black | Female | Male |
|-------------------------|-------|-------|-------|--------|-------|
| Incidence (per 100,000) | 522.8 | 505.2 | ^ | 410.1 | 664.9 |
| Mortality (per 100,000) | 183.2 | 181.5 | 0.0 | 123.0 | 263.3 |



¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

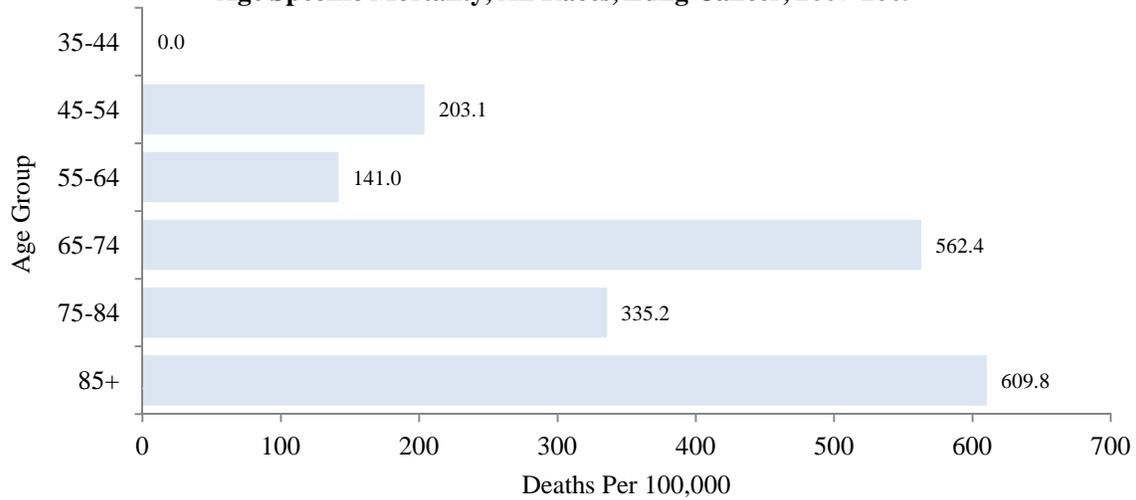
^ Indicates data has been suppressed due to small numbers.

Lung Cancer*

Lung Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black | Female | Male |
|-------------------------|-------|-------|-------|--------|-------|
| Incidence (per 100,000) | 108.6 | 106.7 | ^ | 79.6 | 145.8 |
| Mortality (per 100,000) | 66.4 | 64.5 | 0.0 | ^ | 98.4 |

Age Specific Mortality, All Races, Lung Cancer, 2007-2009²



¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

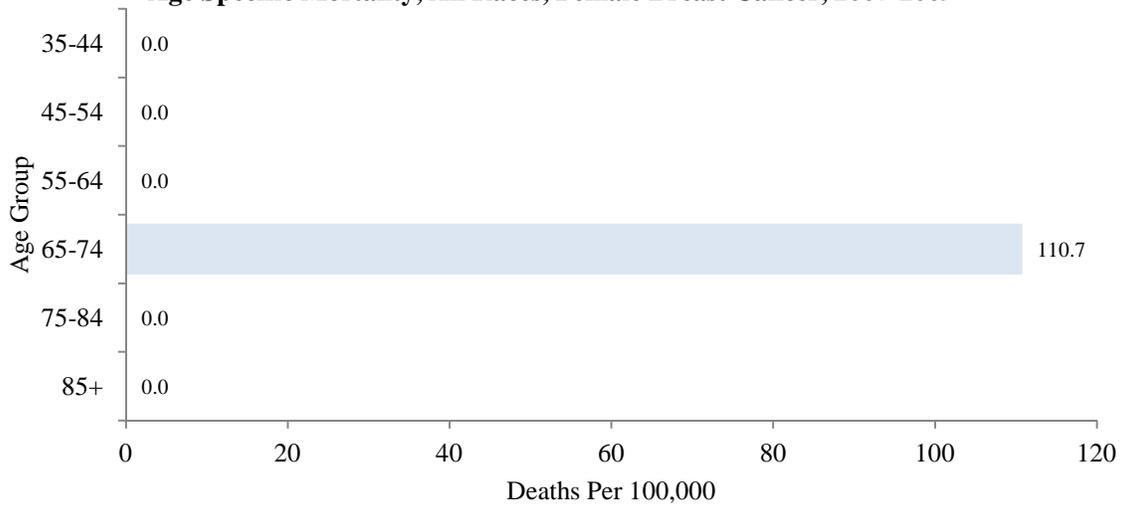
*All incidence trend data suppressed due to small numbers.

Breast Cancer*

Female Breast Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black |
|-------------------------|-------|-------|-------|
| Incidence (per 100,000) | 86.9 | 87.2 | 0.0 |
| Mortality (per 100,000) | ^ | ^ | 0.0 |

Age Specific Mortality, All Races, Female Breast Cancer, 2007-2009²



¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

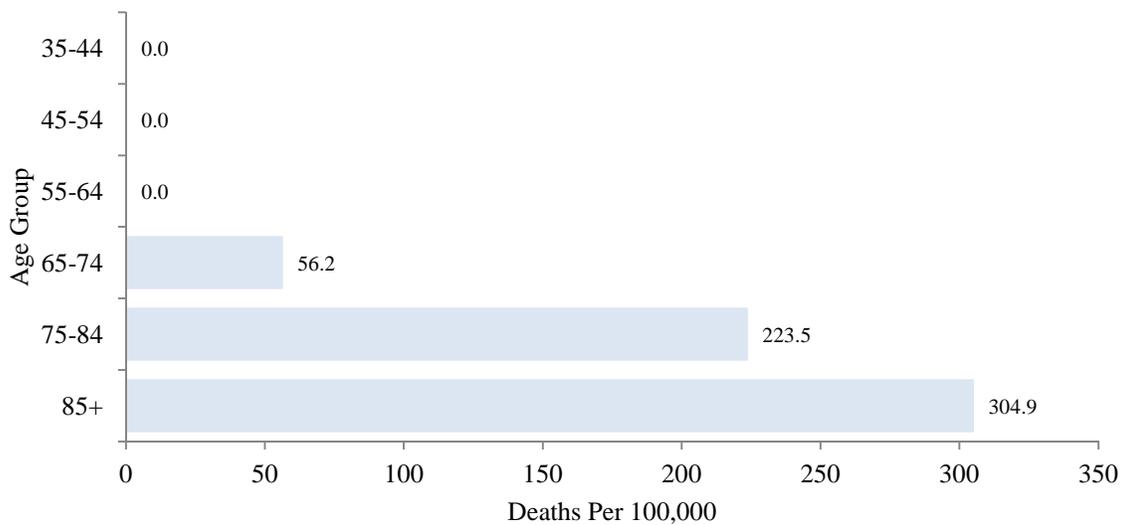
*All incidence trend data suppressed due to small numbers.

Colorectal Cancer*

Colorectal Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black | Female | Male |
|-------------------------|-------|-------|-------|--------|------|
| Incidence (per 100,000) | 44.9 | 42.8 | ^ | ^ | ^ |
| Mortality (per 100,000) | 27.9 | 27.9 | 0.0 | ^ | ^ |

Age Specific Mortality, All Races, Colorectal Cancer, 2007-2009²



¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

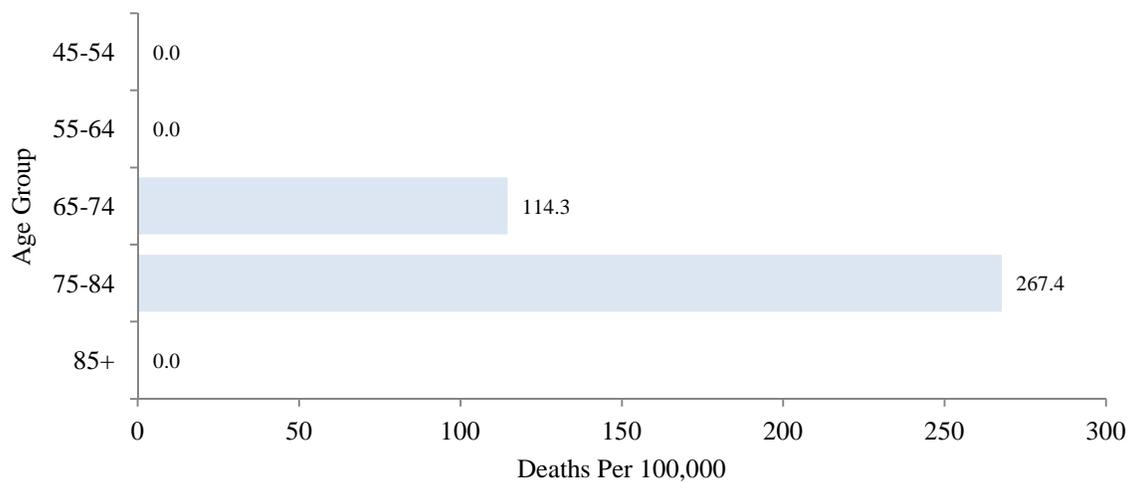
*All incidence trend data suppressed due to small numbers.

Prostate Cancer*

Prostate Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black |
|-------------------------|-------|-------|-------|
| Incidence (per 100,000) | 139.3 | 128.3 | ^ |
| Mortality (per 100,000) | ^ | ^ | 0.0 |

Age Specific Mortality, All Races, Prostate Cancer, 2007-2009²



¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

*All incidence trend data suppressed due to small numbers.

Putnam

Demographics

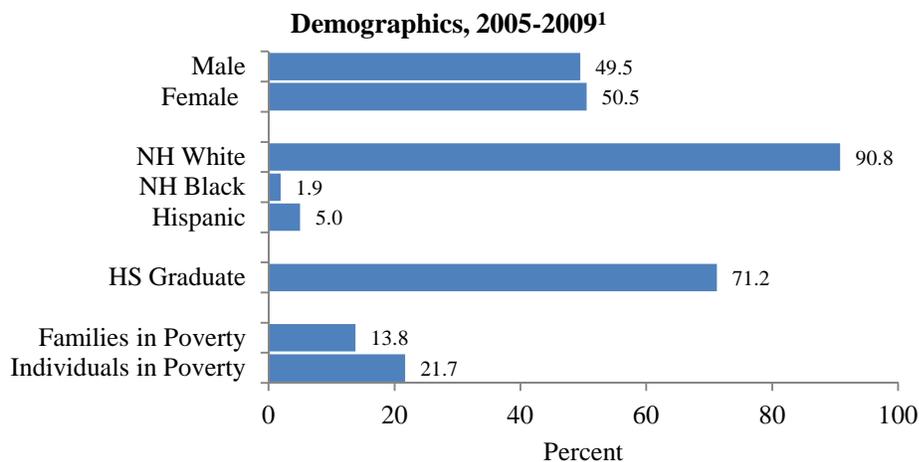


Quick Facts

| | |
|--|----------|
| Median Age ¹ : | 35.4 |
| Median Income ¹ : | \$34,705 |
| Home Ownership ¹ : | 65.4% |
| Unemployment ¹ : | 6.1% |
| Crime Rate ² (per 1,000): | 92.0 |
| Teen Pregnancy Rate ³ (per 1,000): | |
| Overall: | 48.4 |
| White: | 48.2 |
| Black: | 55.3 |
| Infant Mortality ⁴ (per 1,000): | |
| Overall: | 7.0 |
| White: | 6.9 |
| Black: | ^ |
| Automobile Accident Deaths ⁴ (per 100,000): | 21.0 |

Population by Age, Gender, and Race Distribution (2005-2009)¹

| Age | Gender | | Race | | | Total |
|-------|--------|--------|--------------------|--------------------|----------|--------|
| | Female | Male | Non-Hispanic White | Non-Hispanic Black | Hispanic | |
| <18 | 7,757 | 7,817 | 13,186 | 244 | 1,590 | 15,574 |
| 18-44 | 13,174 | 14,679 | 24,857 | 690 | 1,600 | 27,853 |
| 45-64 | 8,526 | 7,917 | 15,715 | 280 | 214 | 16,443 |
| 65+ | 5,830 | 4,238 | 9,729 | 90 | 114 | 10,068 |
| Total | 35,287 | 34,651 | 63,487 | 1,304 | 3,518 | 69,938 |



¹Data Source: U.S. Census Bureau, American Community Survey, 2005-2009.

²Data Source: Tennessee Bureau of Investigation. "Tennessee Incident Based Reporting System (TIBRS)" accessed July 26, 2011. <http://www.tennesseeonline.com/tibrspublic2005>, 2007-2009.

³Data Source: Birth Statistical System, Fetal Death Statistical System, and Induced Abortion Statistical System. Tennessee Department of Health, Division of Health Statistics, 2007-2009.

⁴Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics, 2007-2009.

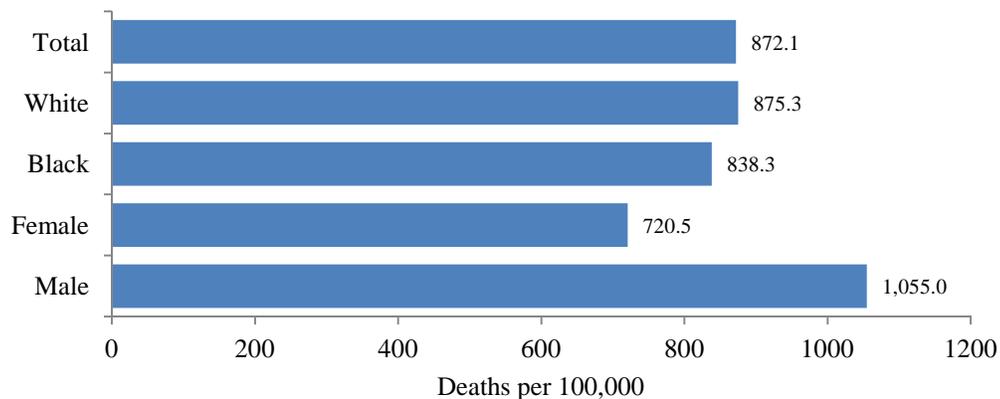
Leading Causes of Death

Leading Causes of Death, 2007-2009¹

| Rank ² | Cause | # Deaths | Age Adjusted Mortality Rate ³ and Demographic Ranking | | | | |
|-------------------|------------------------------------|----------|--|-------|-------|--------|-------|
| | | | Total | White | Black | Female | Male |
| 1 | Heart disease | 527 | 222.1 | 223.4 | 210.7 | 163.7 | 292.2 |
| 2 | Cancer | 492 | 210.7 | 210.0 | 270.5 | 164.4 | 276.6 |
| 3 | Chronic lower respiratory diseases | 128 | 54.7 | 55.7 | 0.0 | 42.5 | 71.3 |
| 4 | Alzheimer's disease | 112 | 45.8 | 46.1 | 0.0 | 48.2 | 39.7 |
| 5 | Accidents | 111 | 51.8 | 52.5 | 31.1 | 45.0 | 58.5 |
| 6 | Stroke | 103 | 43.1 | 43.1 | 67.0 | 39.7 | 43.9 |
| 7 | Diabetes mellitus | 58 | 24.6 | 24.6 | 42.1 | 18.5 | 30.1 |
| 8 | Influenza and pneumonia | 52 | 21.4 | 21.7 | 0.0 | 21.8 | 20.1 |
| 9 | Kidney disease | 29 | 12.1 | 11.8 | 41.5 | 12.7 | 11.5 |
| 10 | Suicide | 26 | 12.6 | 12.1 | 26.4 | 3.3 | 22.4 |

| | | | | | |
|--------------|---|---|---|---|---|
| Ranking Key: | 1 | 2 | 3 | 4 | 5 |
|--------------|---|---|---|---|---|

All Cause Mortality by Race, 2007-2009^{1,3}



¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

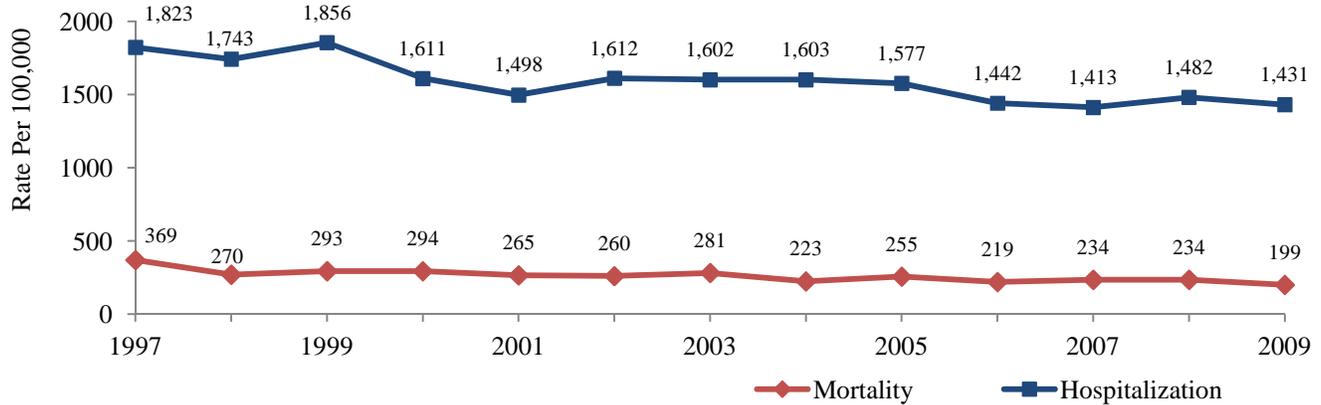
²Ranking order is based on counts for the total population. Demographic ranking is based on counts for each subgroup.

³Annual mortality rate per 100,000 population, age adjusted to the 2000 standard US population.

^ Indicates data has been suppressed due to small numbers.

Heart Disease

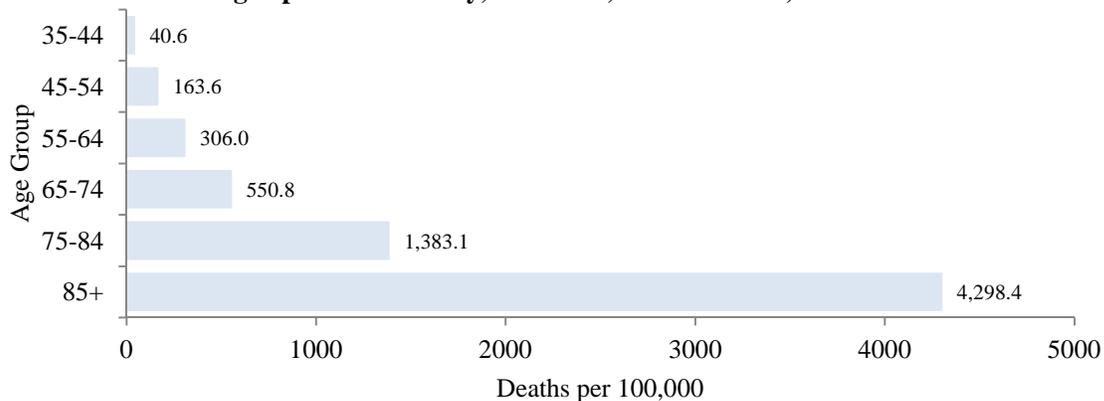
Age Adjusted Mortality¹ and Hospitalization², Heart Disease



Heart Disease Mortality¹ and Hospitalization², 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|---------|---------|-------|---------|---------|
| Mortality (per 100,000) | 222.1 | 223.4 | 210.7 | 163.7 | 292.2 |
| Hospitalization (per 100,000) | 1,442.0 | 1,445.3 | 863.9 | 1,125.2 | 1,823.5 |

Age Specific Mortality, All Races, Heart Disease, 2007-2009¹



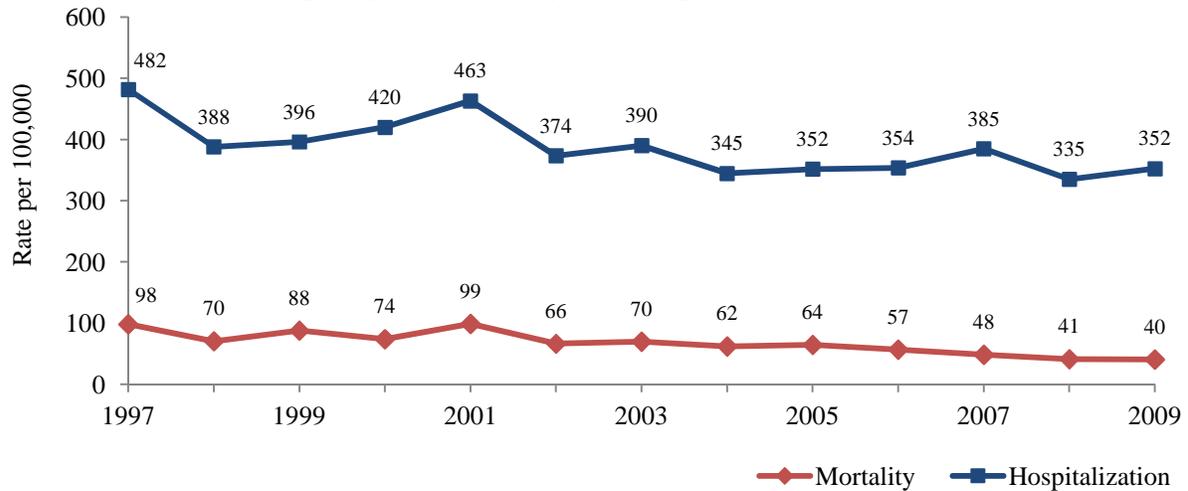
¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

²Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

^ Indicates data has been suppressed due to small numbers.

Stroke

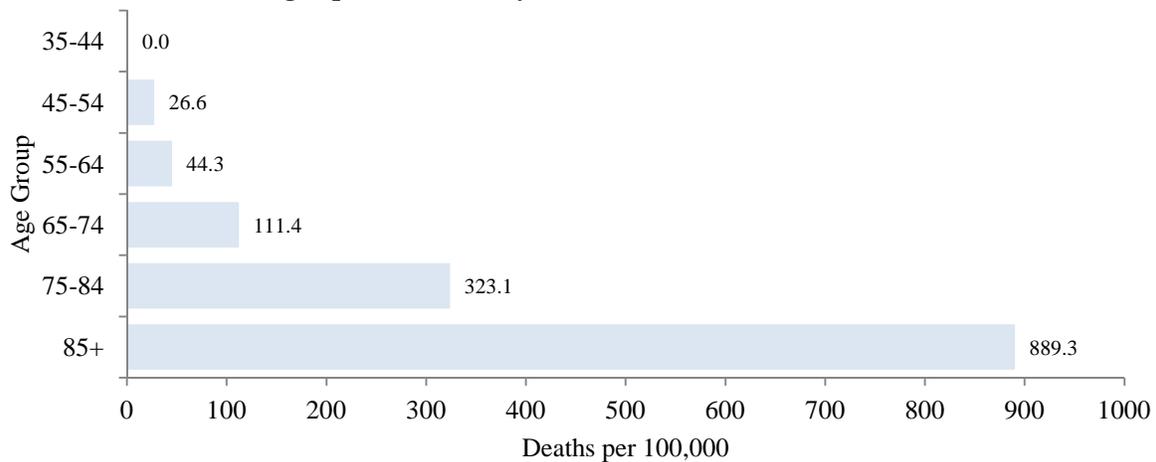
Age Adjusted Mortality¹ and Hospitalization², Stroke



Stroke Mortality¹ and Hospitalization², 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|-------|-------|-------|--------|-------|
| Mortality (per 100,000) | 43.1 | 43.1 | 67.0 | 39.7 | 43.9 |
| Hospitalization (per 100,000) | 357.1 | 352.1 | 389.5 | 326.4 | 393.9 |

Age Specific Mortality, All Races, Stroke, 2007-2009¹



¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

²Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

^ Indicates data has been suppressed due to small numbers.

CLRD¹

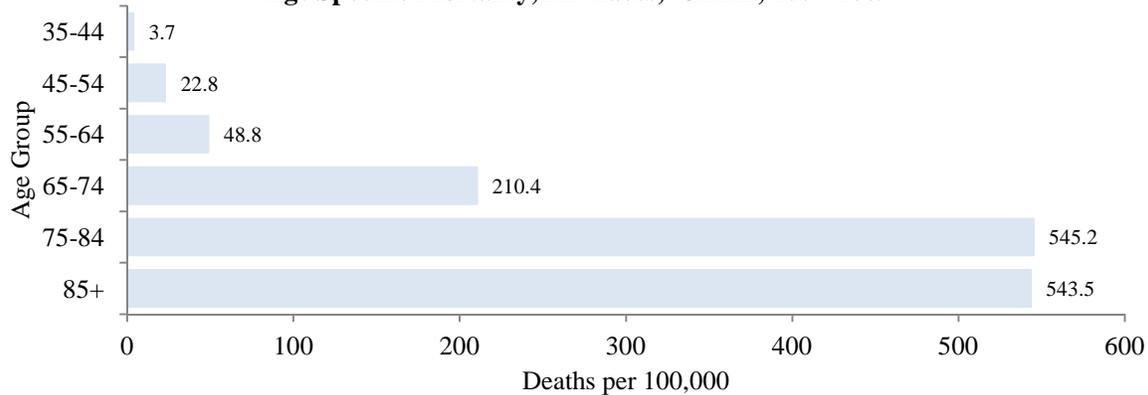
Age Adjusted Mortality² and Hospitalization³, CLRD



Chronic Lower Respiratory Disease Mortality² and Hospitalization³, 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|-------|-------|-------|--------|-------|
| Mortality (per 100,000) | 54.7 | 55.7 | 0.0 | 42.5 | 71.3 |
| Hospitalization (per 100,000) | 545.9 | 554.2 | 188.3 | 561.3 | 549.0 |

Age Specific Mortality, All Races, CLRD, 2007-2009²



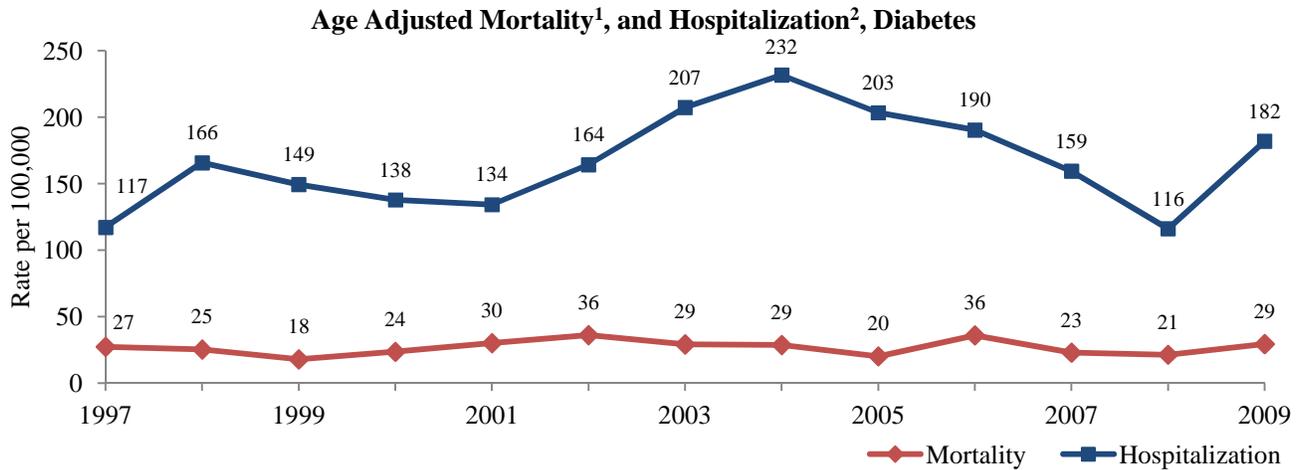
¹CLRD= Chronic Lower Respiratory Disease.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

³Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

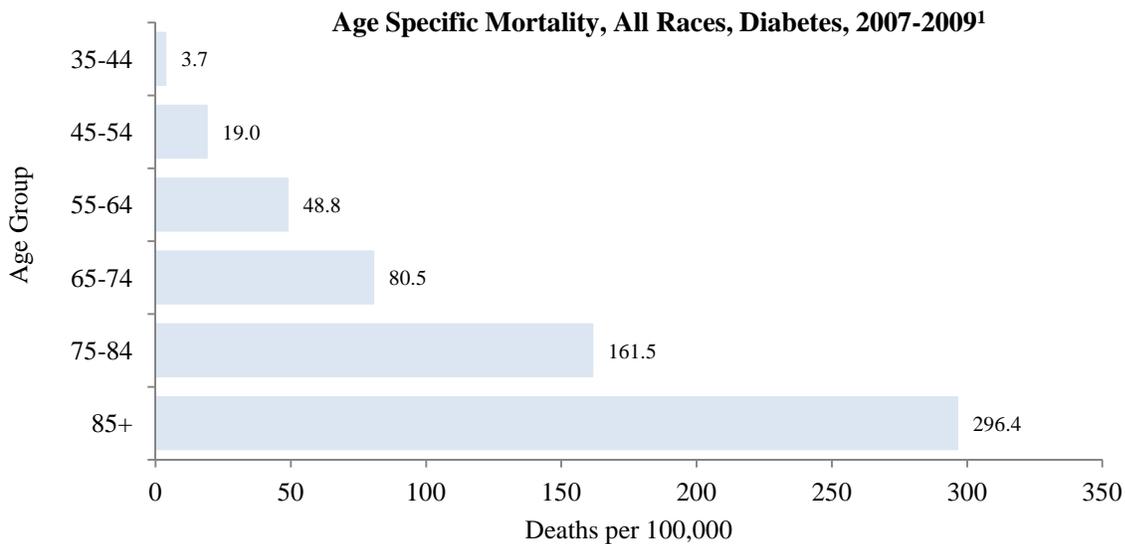
^ Indicates data has been suppressed due to small numbers.

Diabetes



Diabetes Mortality¹ and Hospitalization², 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|-------|-------|-------|--------|-------|
| Mortality (per 100,000) | 24.6 | 24.6 | 42.1 | 18.5 | 30.1 |
| Hospitalization (per 100,000) | 152.7 | 149.7 | 546.0 | 134.1 | 172.9 |

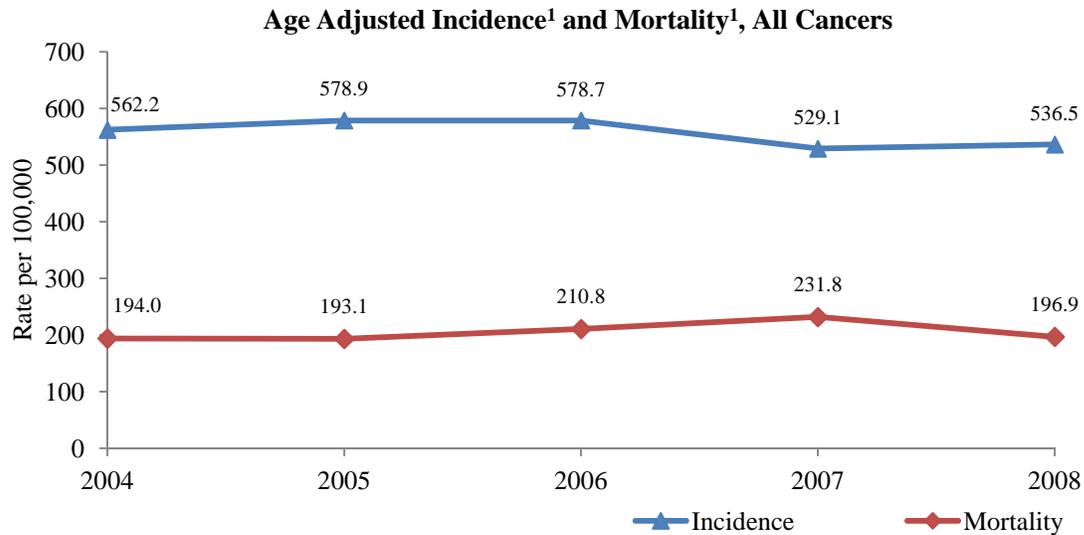


¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

²Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

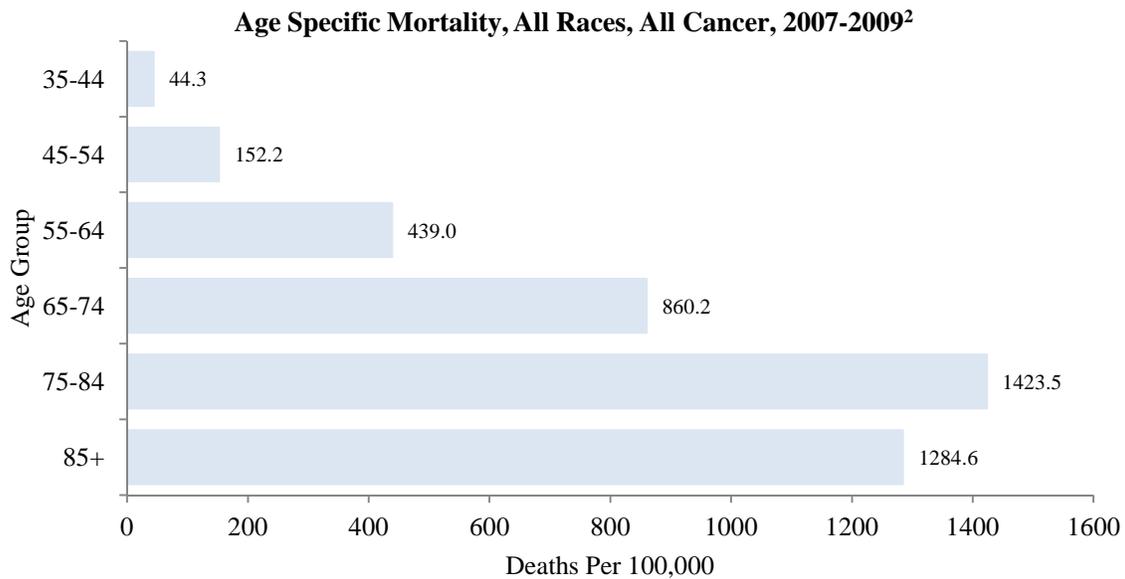
^ Indicates data has been suppressed due to small numbers.

Cancer



Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black | Female | Male |
|-------------------------|-------|-------|-------|--------|-------|
| Incidence (per 100,000) | 555.6 | 556.9 | 487.9 | 478.4 | 659.6 |
| Mortality (per 100,000) | 205.6 | 206.8 | ^ | 166.3 | 263.0 |

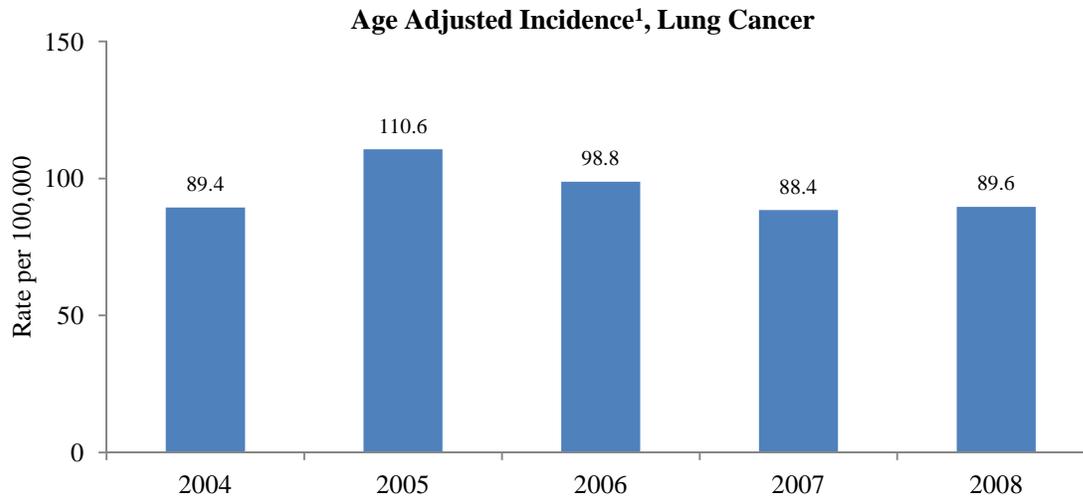


¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

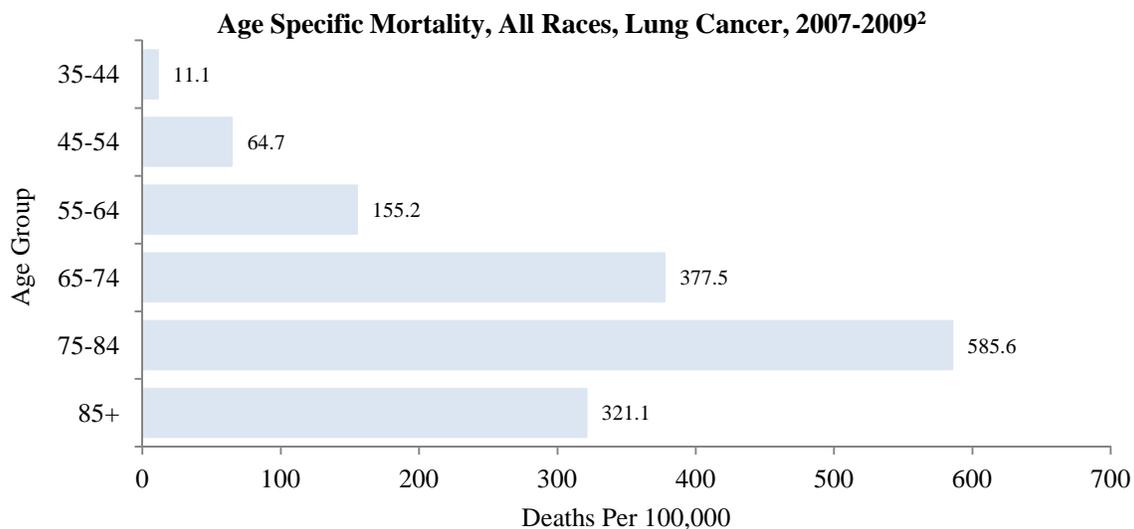
^ Indicates data has been suppressed due to small numbers.

Lung Cancer



Lung Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black | Female | Male |
|-------------------------|-------|-------|-------|--------|-------|
| Incidence (per 100,000) | 95.1 | 96.5 | ^ | 61.5 | 139.2 |
| Mortality (per 100,000) | 74.6 | 75.3 | ^ | 47.2 | 112.7 |

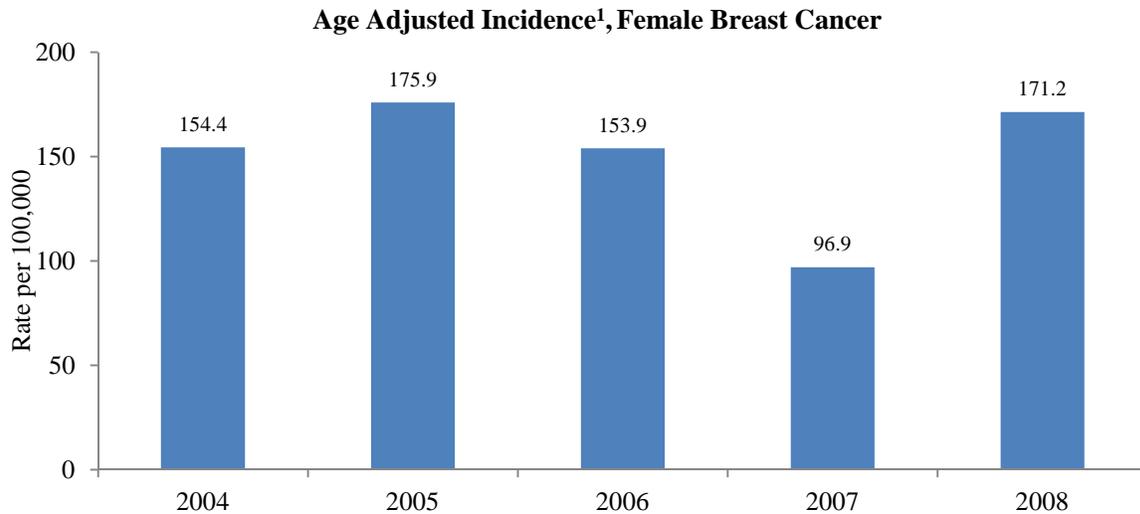


¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

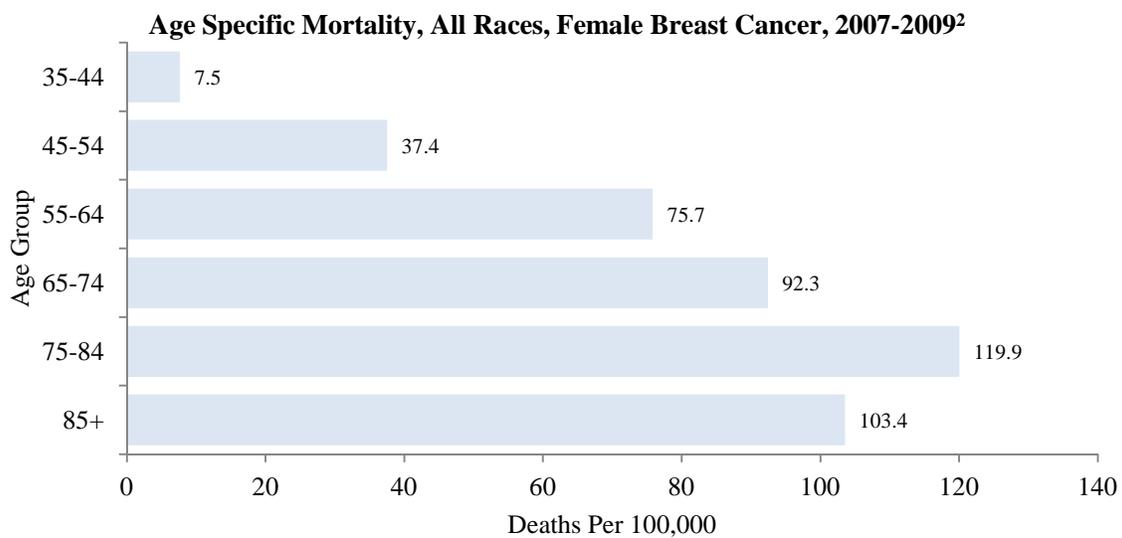
^ Indicates data has been suppressed due to small numbers.

Breast Cancer



Female Breast Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black |
|-------------------------|-------|-------|-------|
| Incidence (per 100,000) | 150.0 | 151.2 | ^ |
| Mortality (per 100,000) | 28.1 | 28.3 | ^ |



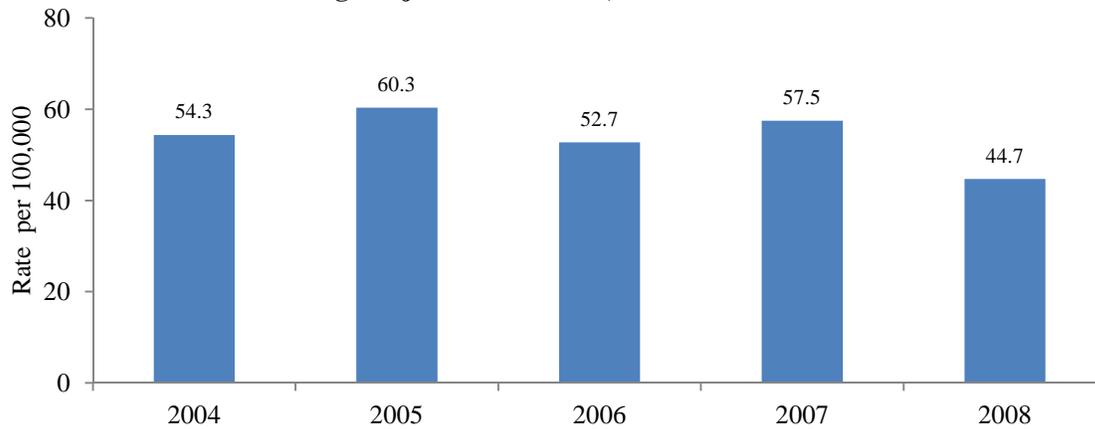
¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

Colorectal Cancer

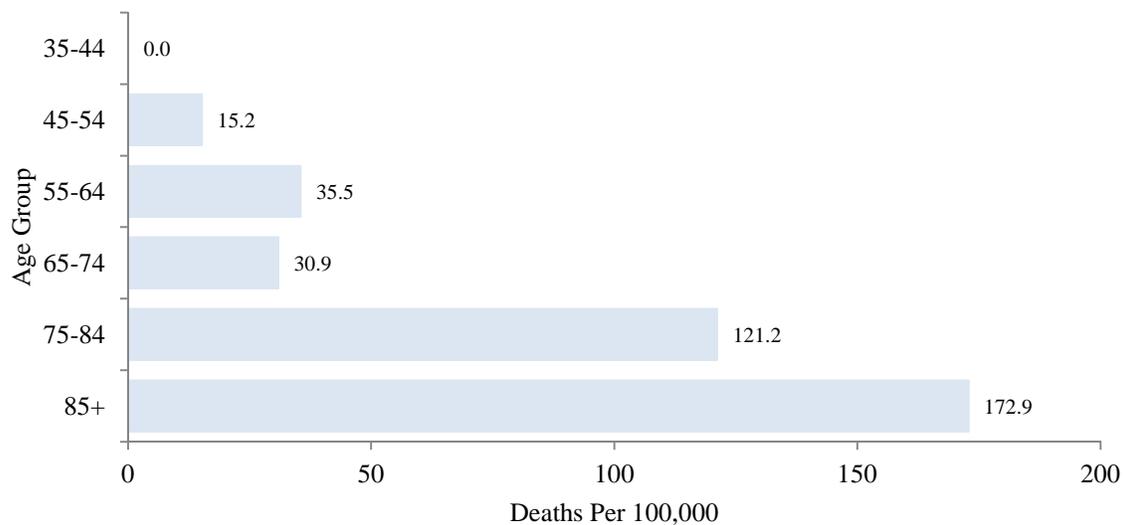
Age Adjusted Incidence¹, Colorectal Cancer



Colorectal Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black | Female | Male |
|-------------------------|-------|-------|-------|--------|------|
| Incidence (per 100,000) | 53.7 | 52.7 | ^ | 47.5 | 59.3 |
| Mortality (per 100,000) | 15.0 | 15.0 | 0.0 | 14.2 | 15.7 |

Age Specific Mortality, All Races, Colorectal Cancer, 2007-2009²

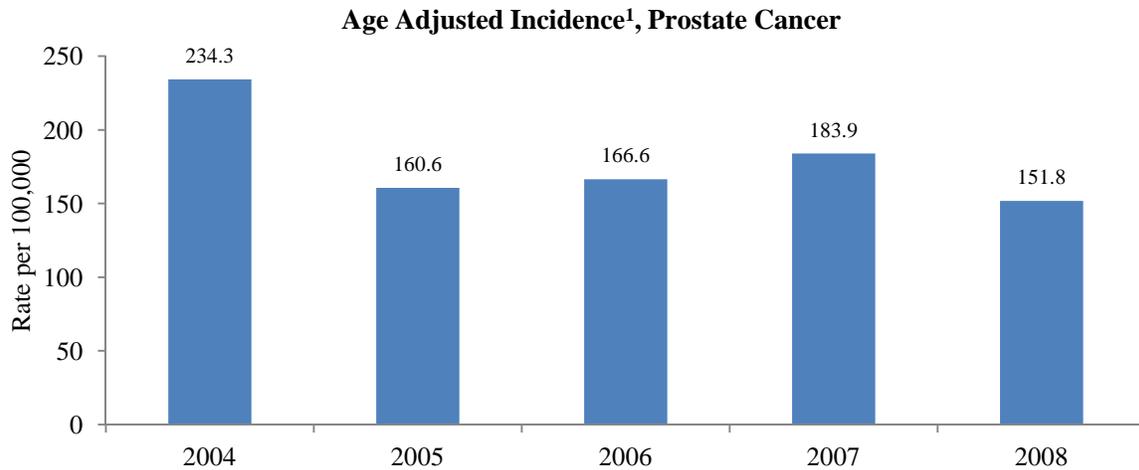


¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

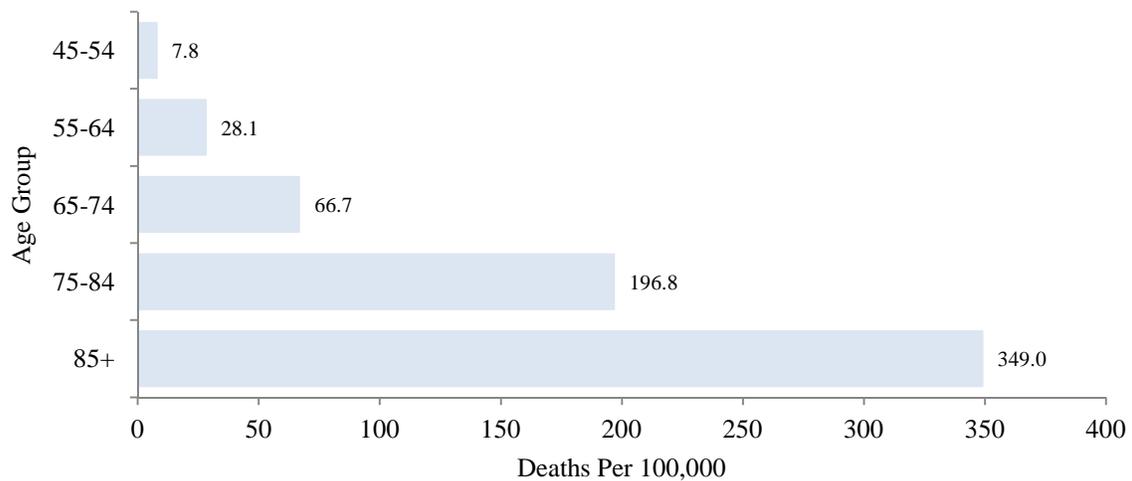
Prostate Cancer



Prostate Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black |
|-------------------------|-------|-------|-------|
| Incidence (per 100,000) | 178.1 | 176.3 | ^ |
| Mortality (per 100,000) | 17.6 | 17.9 | 0.0 |

Age Specific Mortality, All Races, Prostate Cancer, 2007-2009²

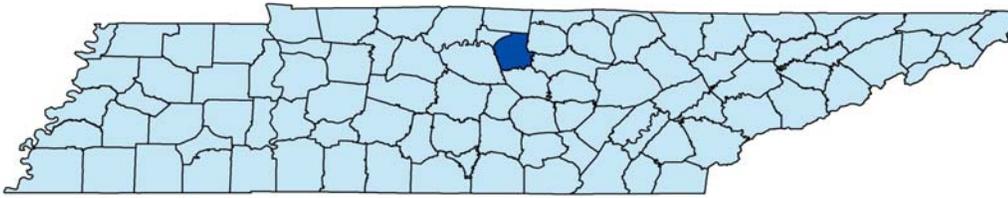


¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

Demographics

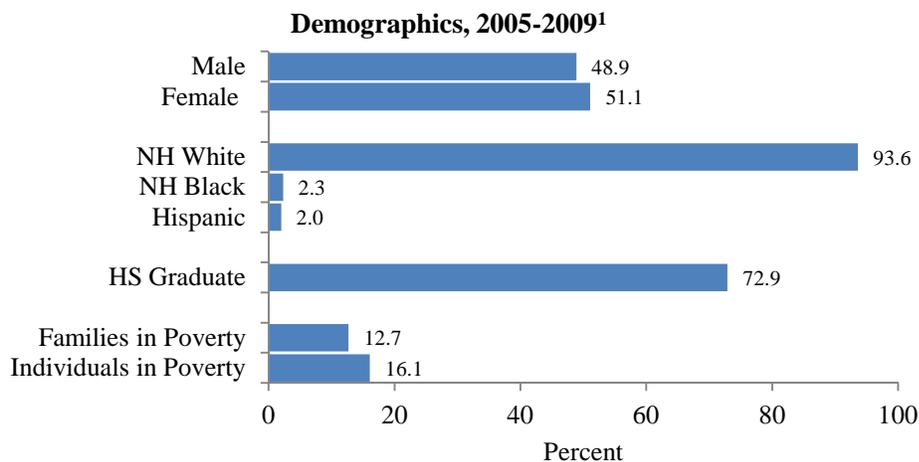


Quick Facts

| | |
|--|----------|
| Median Age ¹ : | 38.9 |
| Median Income ¹ : | \$44,430 |
| Home Ownership ¹ : | 80.5% |
| Unemployment ¹ : | 6.3% |
| Crime Rate ² (per 1,000): | 33.0 |
| Teen Pregnancy Rate ³ (per 1,000): | |
| Overall: | 54.1 |
| White: | 53.9 |
| Black: | ^ |
| Infant Mortality ⁴ (per 1,000): | |
| Overall: | 7.3 |
| White: | 7.5 |
| Black: | ^ |
| Automobile Accident Deaths ⁴ (per 100,000): | 22.2 |

Population by Age, Gender, and Race Distribution (2005-2009)¹

| Age | Gender | | Race | | | Total |
|-------|--------|-------|--------------------|--------------------|----------|--------|
| | Female | Male | Non-Hispanic White | Non-Hispanic Black | Hispanic | |
| <18 | 2,279 | 2,323 | 4,151 | 71 | 169 | 4,602 |
| 18-44 | 3,360 | 3,298 | 6,221 | 186 | 179 | 6,658 |
| 45-64 | 2,646 | 2,535 | 4,960 | 109 | 30 | 5,181 |
| 65+ | 1,363 | 1,059 | 2,317 | 63 | 0 | 2,422 |
| Total | 9,648 | 9,215 | 17,649 | 429 | 378 | 18,863 |



¹Data Source: U.S. Census Bureau, American Community Survey, 2005-2009.

²Data Source: Tennessee Bureau of Investigation. "Tennessee Incident Based Reporting System (TIBRS)" accessed July 26, 2011. <http://www.tennesseeonline.com/tibrspublic2005>, 2007-2009.

³Data Source: Birth Statistical System, Fetal Death Statistical System, and Induced Abortion Statistical System. Tennessee Department of Health, Division of Health Statistics, 2007-2009.

⁴Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics, 2007-2009.

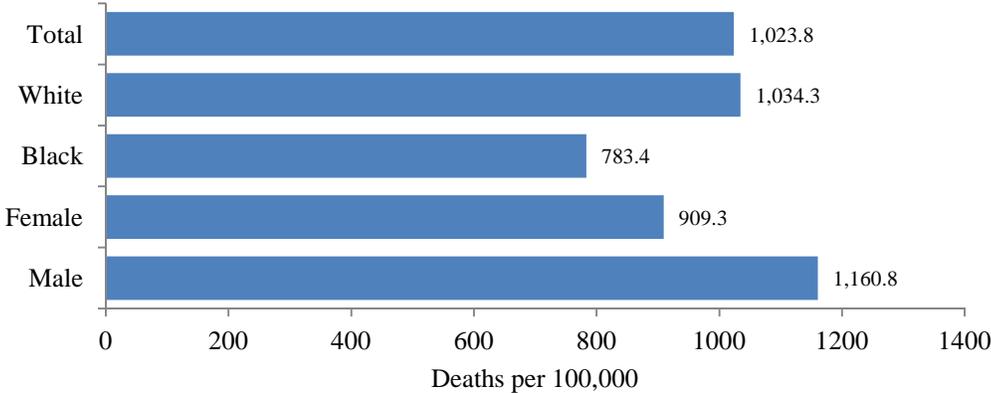
Leading Causes of Death

Leading Causes of Death, 2007-2009¹

| Rank ² | Cause | # Deaths | Age Adjusted Mortality Rate ³ and Demographic Ranking | | | | |
|-------------------|------------------------------------|----------|--|-------|-------|--------|-------|
| | | | Total | White | Black | Female | Male |
| 1 | Cancer | 144 | 234.6 | 234.5 | 202.7 | 203.2 | 281.8 |
| 2 | Heart disease | 130 | 208.0 | 210.2 | 168.1 | 157.0 | 268.7 |
| 3 | Stroke | 58 | 92.0 | 91.5 | 120.7 | 95.5 | 82.6 |
| 4 | Chronic lower respiratory diseases | 52 | 87.2 | 90.0 | 0.0 | 74.1 | 105.9 |
| 5 | Accidents | 41 | 69.8 | 70.6 | 70.2 | 53.1 | 85.7 |
| 6 | Diabetes mellitus | 23 | 39.5 | 40.8 | 0.0 | 34.6 | 46.8 |
| 7 | Influenza and pneumonia | 19 | 31.1 | 32.1 | 0.0 | 27.5 | 40.0 |
| 8 | Alzheimer's disease | 18 | 27.8 | 28.7 | 0.0 | 34.5 | 9.8 |
| 9 | Septicemia | 14 | 23.7 | 24.5 | 0.0 | 25.8 | 23.4 |
| 10 | Kidney disease | 13 | 20.3 | 18.9 | 69.0 | 23.7 | 13.3 |

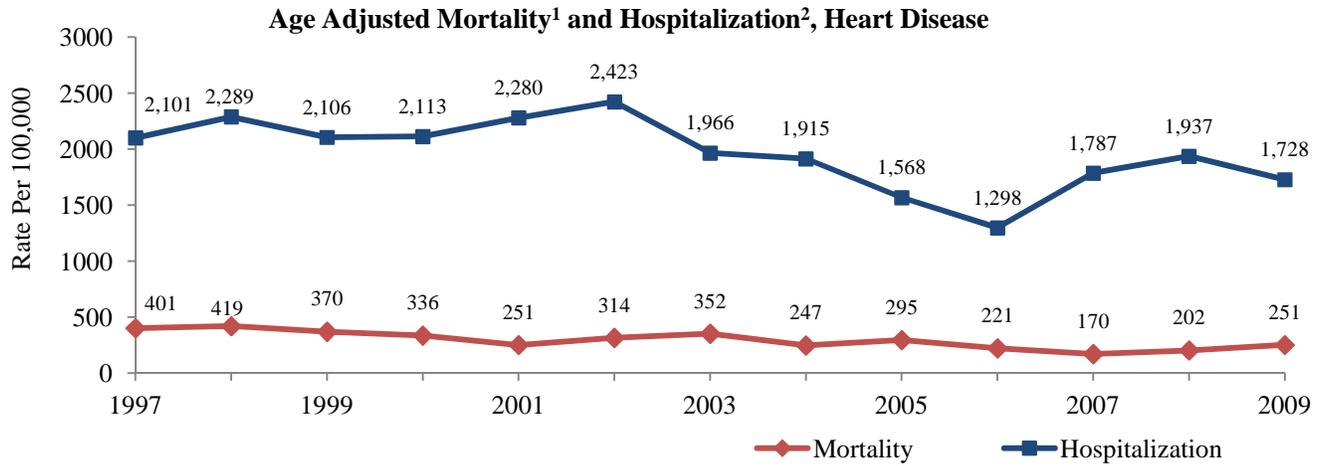


All Cause Mortality by Race, 2007-2009^{1,3}



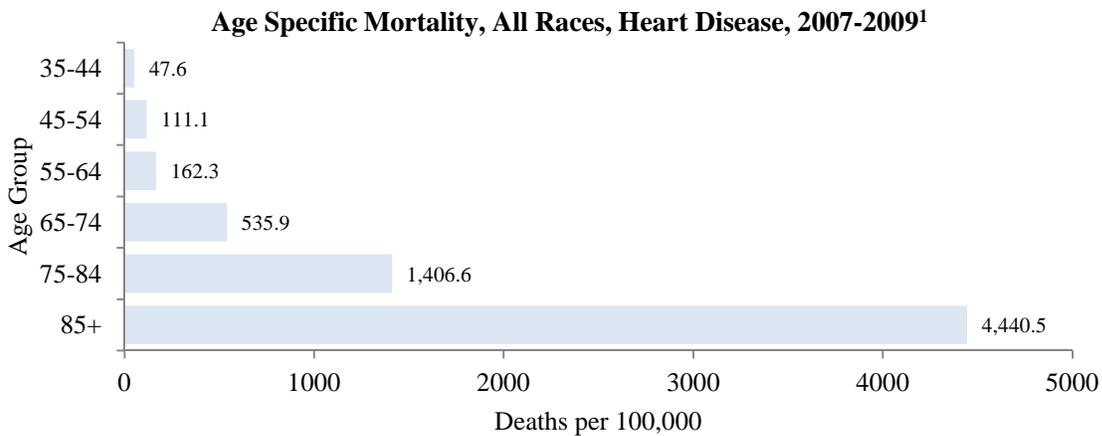
¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.
²Ranking order is based on counts for the total population. Demographic ranking is based on counts for each subgroup.
³Annual mortality rate per 100,000 population, age adjusted to the 2000 standard US population.
[^]Indicates data has been suppressed due to small numbers.

Heart Disease



Heart Disease Mortality¹ and Hospitalization², 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|---------|---------|---------|---------|---------|
| Mortality (per 100,000) | 208.0 | 210.2 | 168.1 | 157.0 | 268.7 |
| Hospitalization (per 100,000) | 1,816.1 | 1,768.7 | 2,987.0 | 1,622.7 | 1,975.5 |

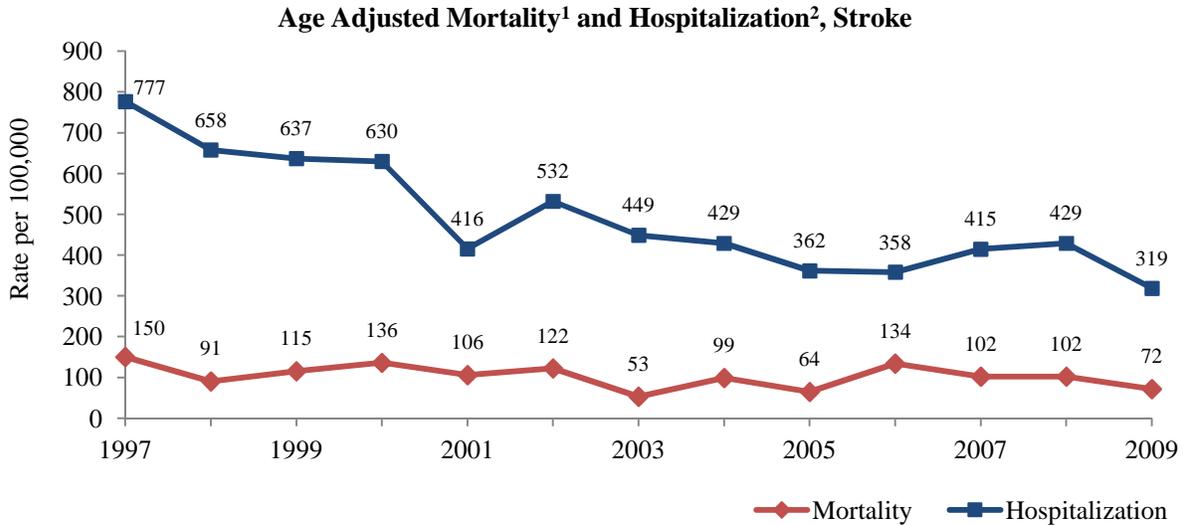


¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

²Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

^ Indicates data has been suppressed due to small numbers.

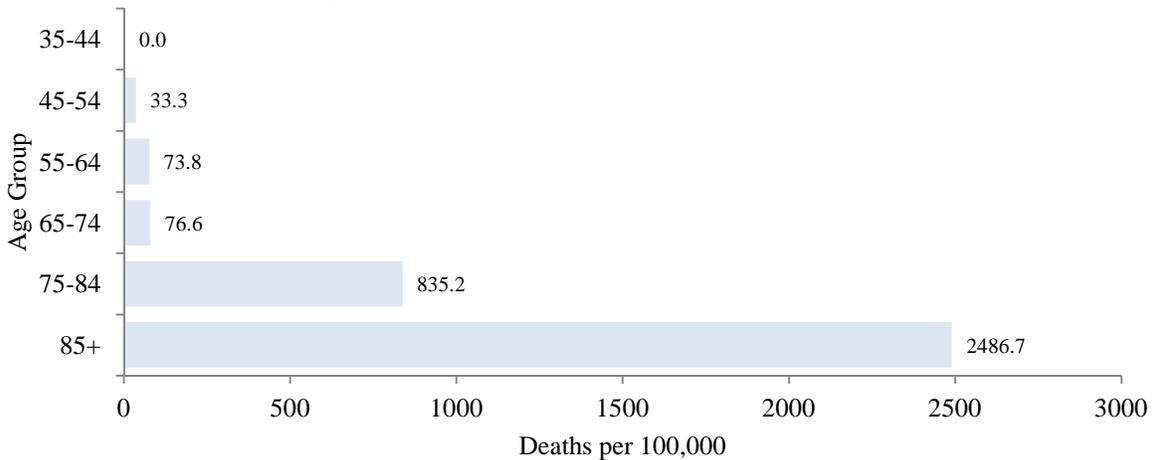
Stroke



Stroke Mortality¹ and Hospitalization², 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|-------|-------|-------|--------|-------|
| Mortality (per 100,000) | 92.0 | 91.5 | 120.7 | 95.5 | 82.6 |
| Hospitalization (per 100,000) | 387.3 | 355.9 | 939.0 | 391.3 | 367.6 |

Age Specific Mortality, All Races, Stroke, 2007-2009¹



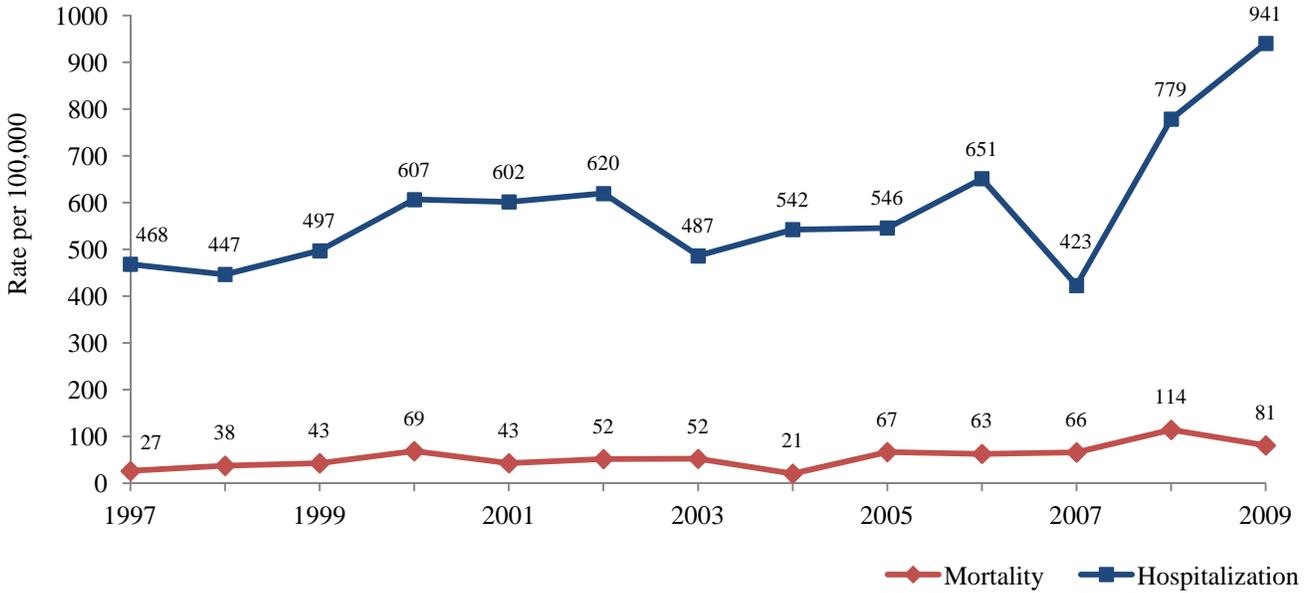
¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

²Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

^ Indicates data has been suppressed due to small numbers.

CLRD¹

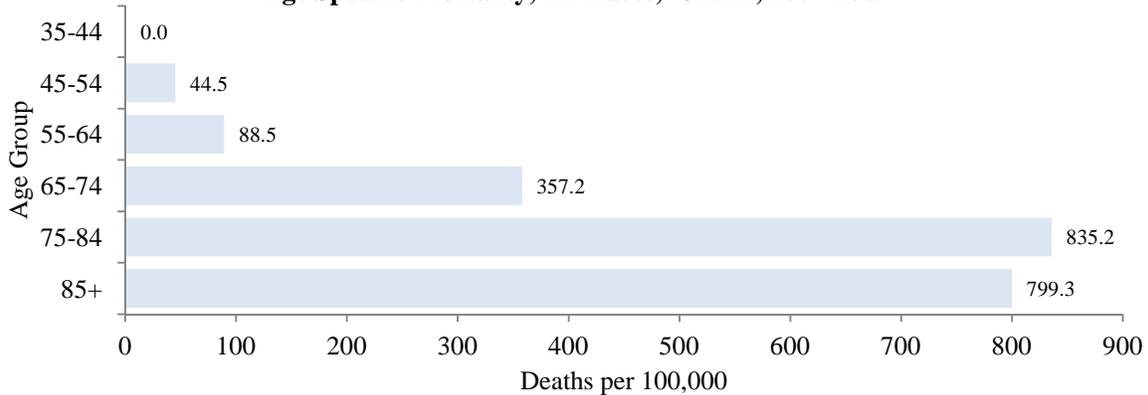
Age Adjusted Mortality² and Hospitalization³, CLRD



Chronic Lower Respiratory Disease Mortality² and Hospitalization³, 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|-------|-------|-------|--------|-------|
| Mortality (per 100,000) | 87.2 | 90.0 | 0.0 | 74.1 | 105.9 |
| Hospitalization (per 100,000) | 717.8 | 724.3 | 743.0 | 813.9 | 607.7 |

Age Specific Mortality, All Races, CLRD, 2007-2009²



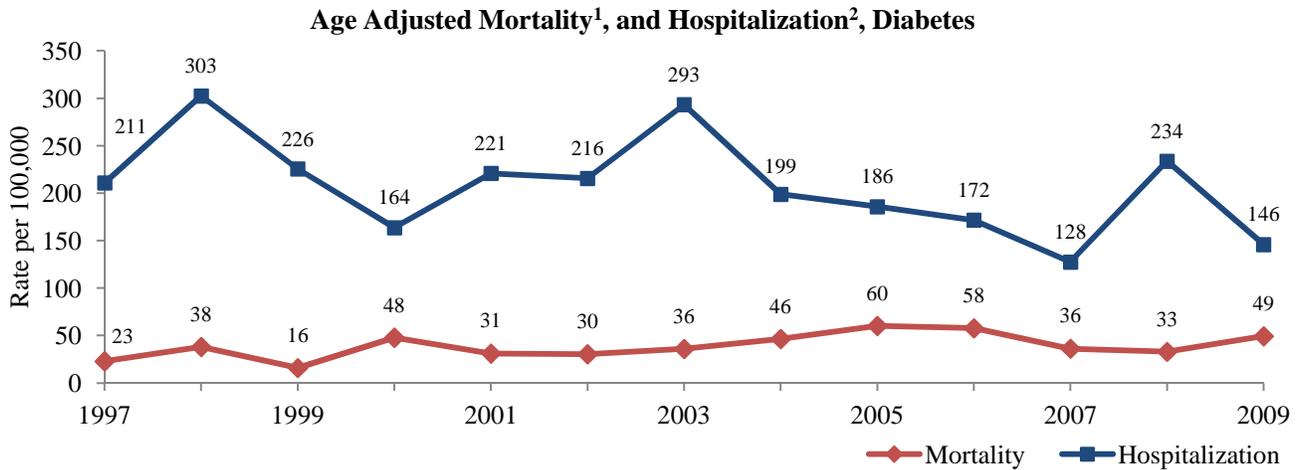
¹CLRD= Chronic Lower Respiratory Disease.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

³Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

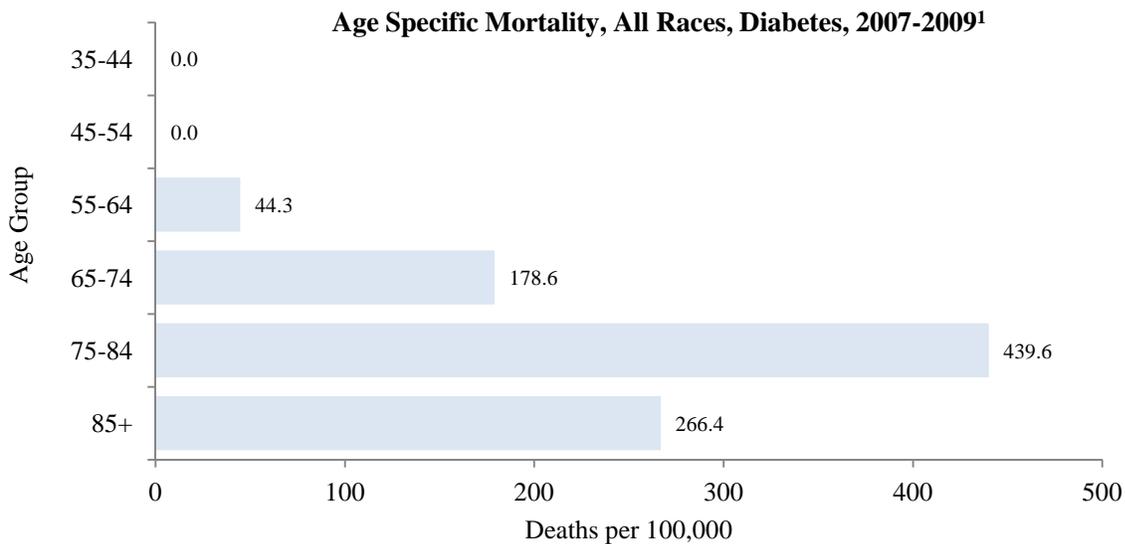
^ Indicates data has been suppressed due to small numbers.

Diabetes



Diabetes Mortality¹ and Hospitalization², 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|-------|-------|-------|--------|-------|
| Mortality (per 100,000) | 39.5 | 40.8 | 0.0 | 34.6 | 46.8 |
| Hospitalization (per 100,000) | 168.5 | 164.8 | 185.4 | 188.4 | 150.9 |

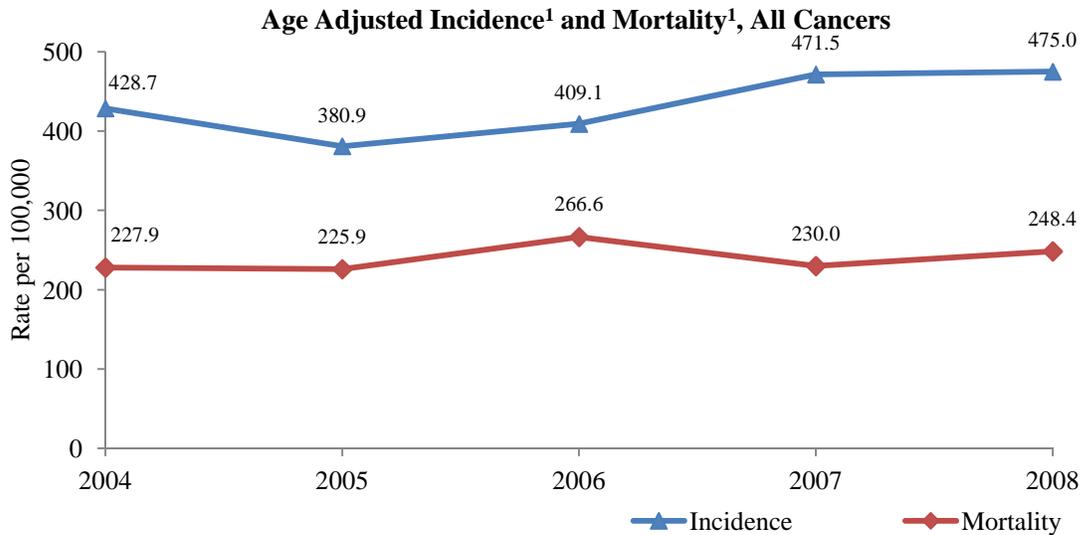


¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

²Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

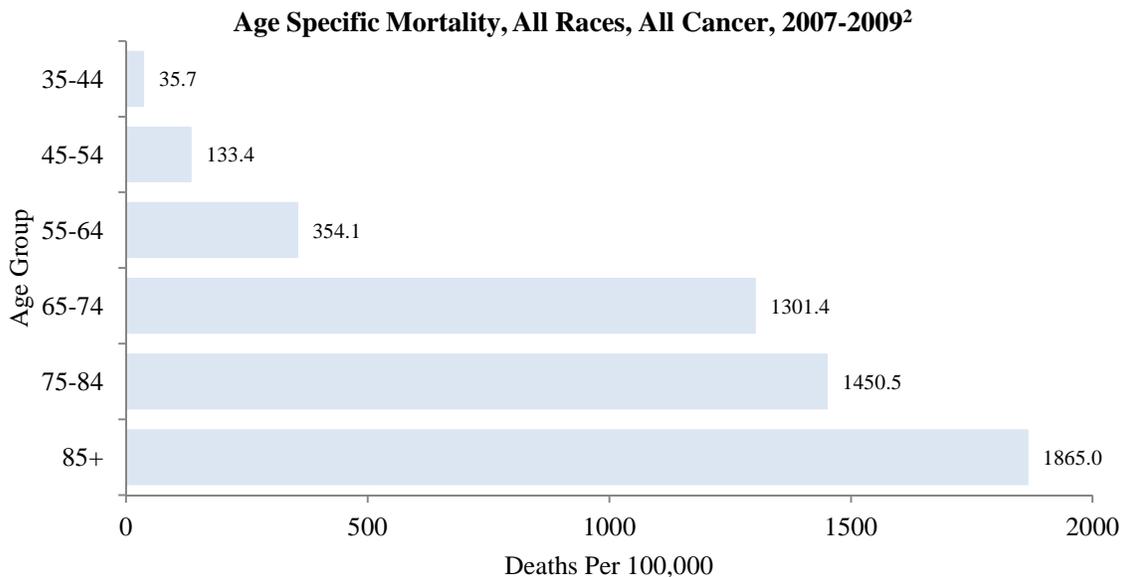
^ Indicates data has been suppressed due to small numbers.

Cancer



Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black | Female | Male |
|-------------------------|-------|-------|-------|--------|-------|
| Incidence (per 100,000) | 433.1 | 437.5 | ^ | 376.7 | 530.8 |
| Mortality (per 100,000) | 239.4 | 241.2 | ^ | 203.6 | 293.8 |

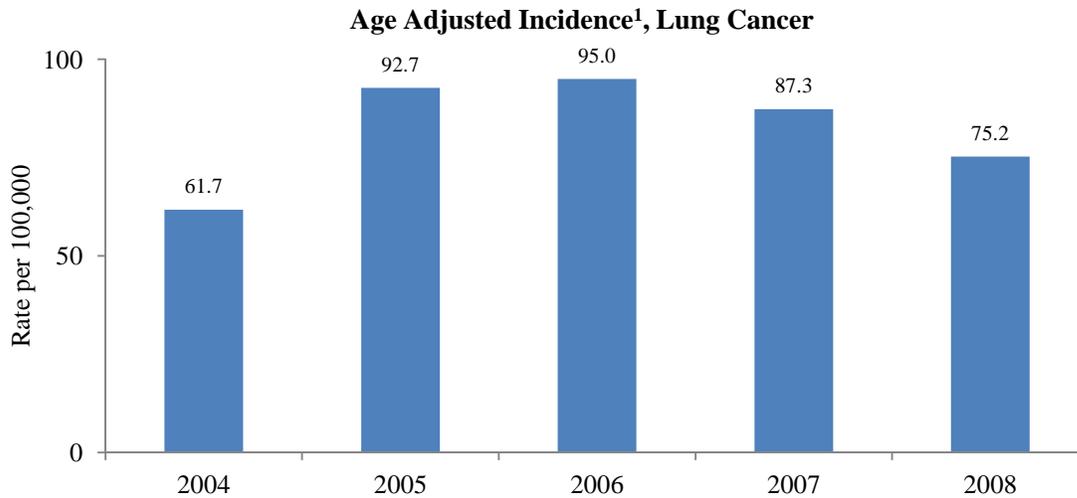


¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

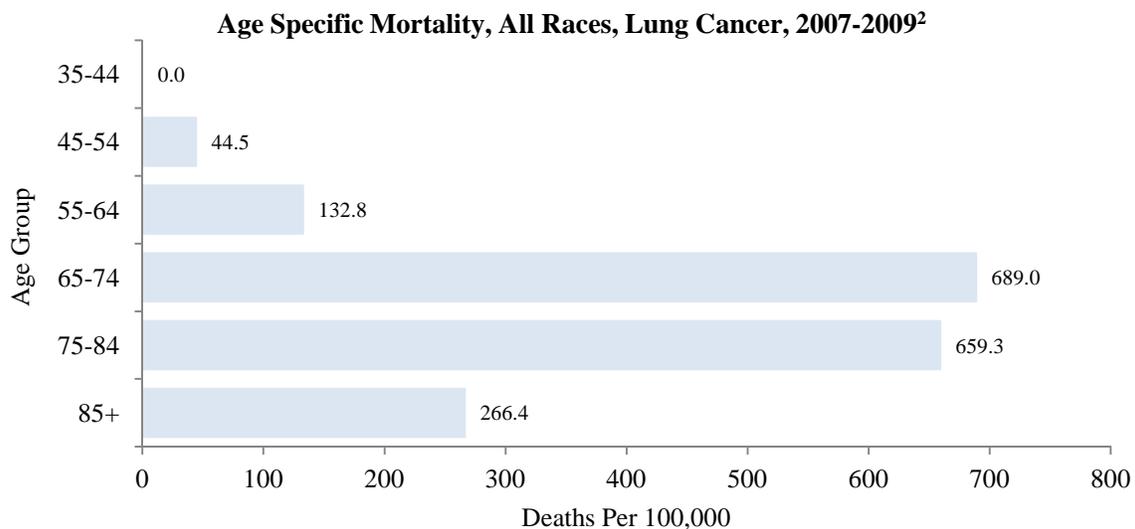
^ Indicates data has been suppressed due to small numbers.

Lung Cancer



Lung Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black | Female | Male |
|-------------------------|-------|-------|-------|--------|-------|
| Incidence (per 100,000) | 82.0 | 82.6 | ^ | 62.4 | 111.7 |
| Mortality (per 100,000) | 79.5 | 79.0 | ^ | 54.8 | 113.3 |



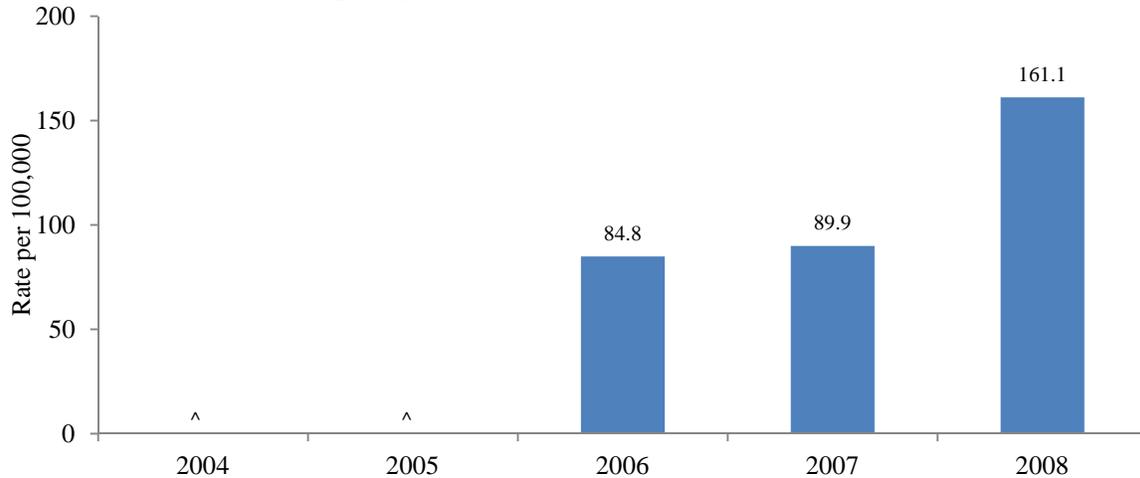
¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

Breast Cancer

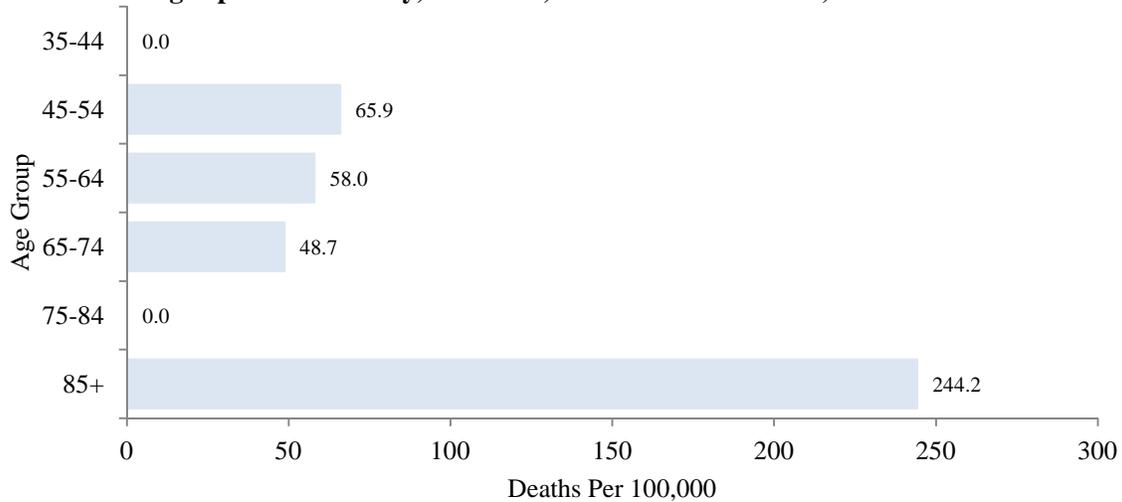
Age Adjusted Incidence¹, Female Breast Cancer



Female Breast Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black |
|-------------------------|-------|-------|-------|
| Incidence (per 100,000) | 97.6 | 101.0 | 0.0 |
| Mortality (per 100,000) | 34.2 | 34.1 | ^ |

Age Specific Mortality, All Races, Female Breast Cancer, 2007-2009²

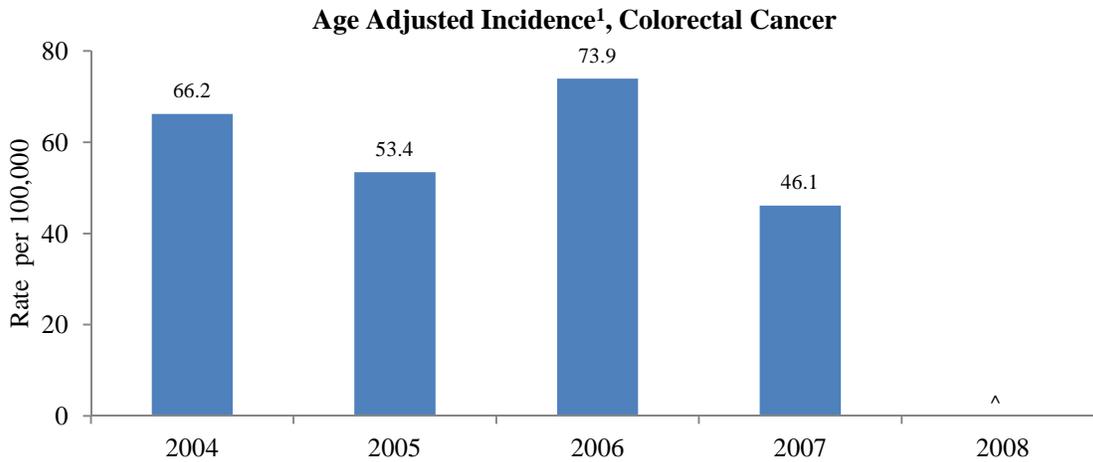


¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

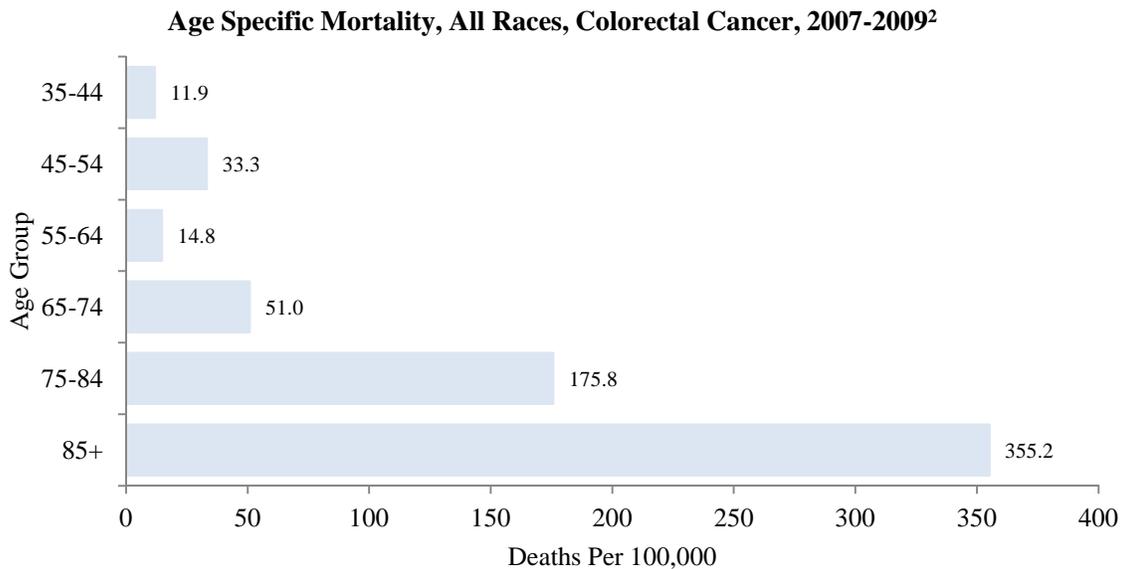
^ Indicates data has been suppressed due to small numbers.

Colorectal Cancer



Colorectal Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black | Female | Male |
|-------------------------|-------|-------|-------|--------|------|
| Incidence (per 100,000) | 54.1 | 56.0 | 0.0 | 49.8 | 67.0 |
| Mortality (per 100,000) | 29.2 | 30.3 | 0.0 | 25.3 | 36.7 |



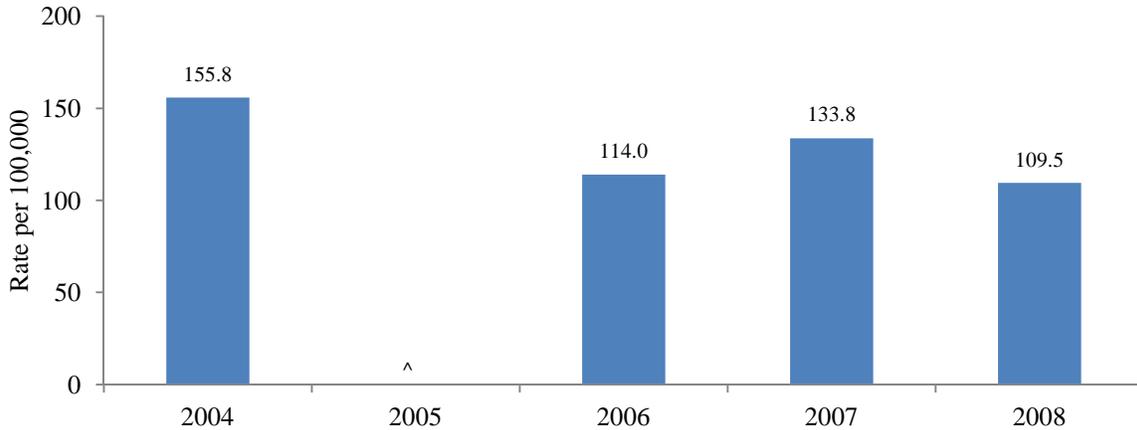
¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

Prostate Cancer

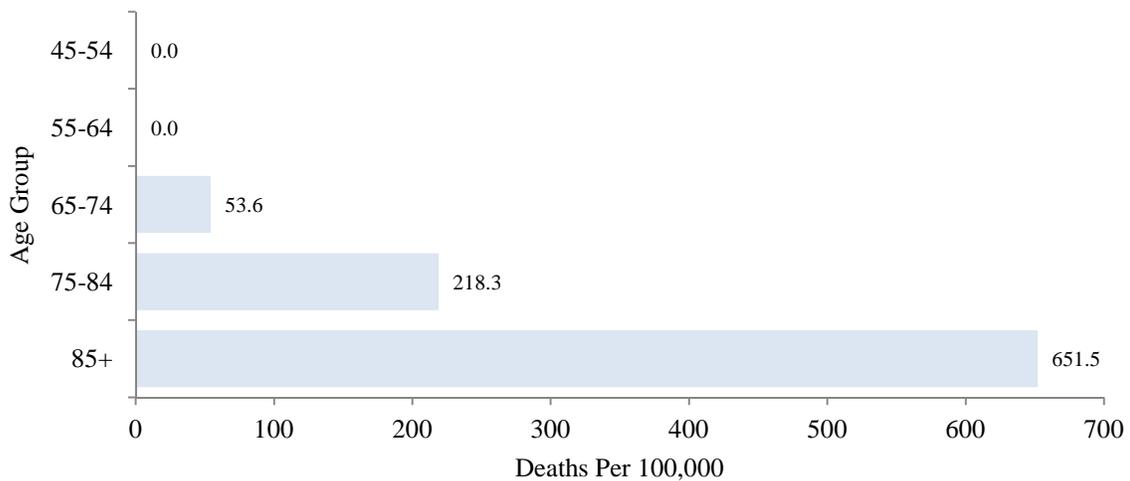
Age Adjusted Incidence¹, Prostate Cancer



Prostate Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black |
|-------------------------|-------|-------|-------|
| Incidence (per 100,000) | 112.1 | 107.8 | ^ |
| Mortality (per 100,000) | ^ | ^ | 0.0 |

Age Specific Mortality, All Races, Prostate Cancer, 2007-2009²



¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

Van Buren

Demographics

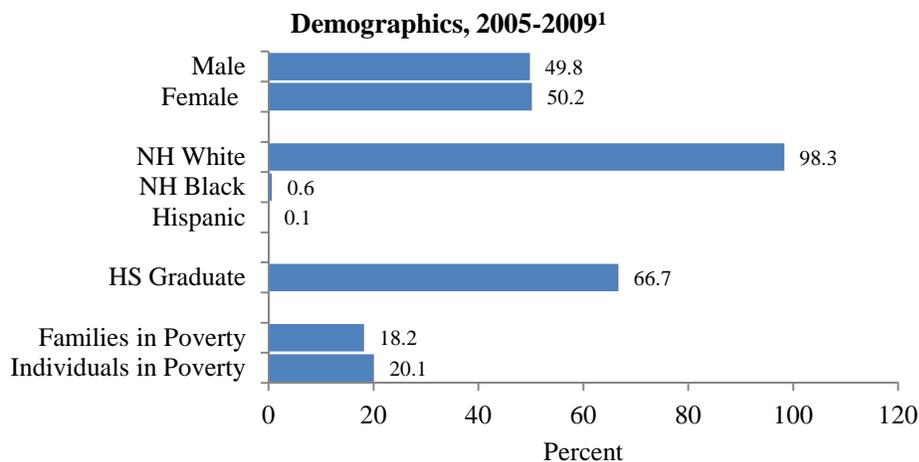


Quick Facts

| | |
|--|----------|
| Median Age ¹ : | 41.7 |
| Median Income ¹ : | \$30,359 |
| Home Ownership ¹ : | 83.5% |
| Unemployment ¹ : | 5.7% |
| Crime Rate ² (per 1,000): | 27.9 |
| Teen Pregnancy Rate ³ (per 1,000): | |
| Overall: | 55.1 |
| White: | 53.4 |
| Black: | ^ |
| Infant Mortality ⁴ (per 1,000): | |
| Overall: | 6.0 |
| White: | 6.0 |
| Black: | ^ |
| Automobile Accident Deaths ⁴ (per 100,000): | 29.2 |

Population by Age, Gender, and Race Distribution (2005-2009)¹

| Age | Gender | | Race | | | Total |
|-------|--------|-------|--------------------|--------------------|----------|-------|
| | Female | Male | Non-Hispanic White | Non-Hispanic Black | Hispanic | |
| <18 | 543 | 609 | 1,130 | 16 | 3 | 1,152 |
| 18-44 | 891 | 888 | 1,755 | 3 | 3 | 1,779 |
| 45-64 | 872 | 817 | 1,651 | 16 | 1 | 1,689 |
| 65+ | 419 | 384 | 793 | 0 | 0 | 803 |
| Total | 2,725 | 2,698 | 5,329 | 35 | 7 | 5,423 |



¹Data Source: U.S. Census Bureau, American Community Survey, 2005-2009.

²Data Source: Tennessee Bureau of Investigation. "Tennessee Incident Based Reporting System (TIBRS)" accessed July 26, 2011. <http://www.tennesseeonline.com/tibrspublic2005>, 2007-2009.

³Data Source: Birth Statistical System, Fetal Death Statistical System, and Induced Abortion Statistical System. Tennessee Department of Health, Division of Health Statistics, 2007-2009.

⁴Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics, 2007-2009.

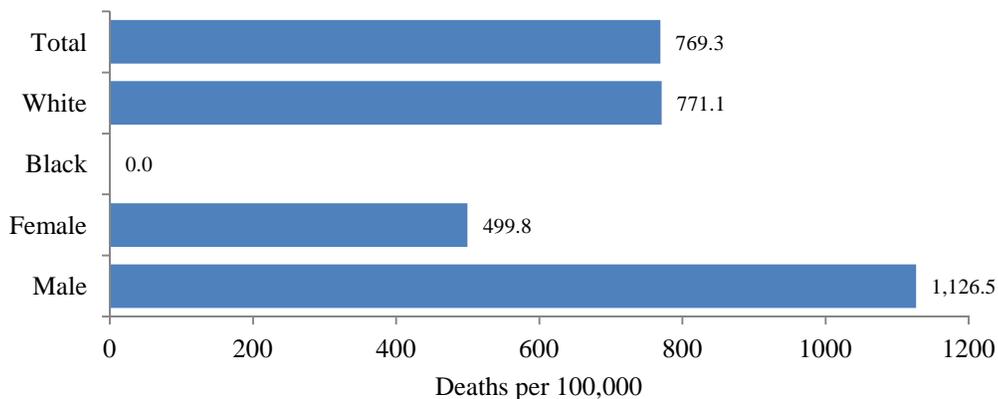
Leading Causes of Death

Leading Causes of Death, 2007-2009¹

| Rank ² | Cause | # Deaths | Age Adjusted Mortality Rate ³ and Demographic Ranking | | | | |
|-------------------|-------------------------------------|----------|--|-------|-------|--------|-------|
| | | | Total | White | Black | Female | Male |
| 1 | Cancer | 36 | 181.0 | 182.6 | ^ | 156.5 | 201.9 |
| 2 | Heart disease | 34 | 183.3 | 185.4 | ^ | 102.4 | 314.9 |
| 3 | Chronic lower respiratory diseases | 11 | 61.2 | 61.7 | ^ | 17.6 | 119.6 |
| 4 | Accidents | 8 | 48.5 | 48.9 | ^ | 22.2 | 76.8 |
| 4 | Stroke | 8 | 44.7 | 45.3 | ^ | 46.2 | 34.3 |
| 6 | Diabetes mellitus | 6 | 28.7 | 29.0 | ^ | 16.9 | 46.3 |
| 7 | Influenza and pneumonia | 4 | 21.8 | 21.9 | ^ | 0.0 | 59.2 |
| 7 | Kidney disease | 4 | 23.1 | 23.3 | ^ | 18.5 | 31.0 |
| 9 | Chronic liver disease and cirrhosis | 3 | 16.3 | 16.5 | ^ | 9.5 | 24.4 |
| 9 | Suicide | 3 | 16.3 | 16.5 | ^ | 14.5 | 17.5 |

| | | | | | |
|--------------|---|---|---|---|---|
| Ranking Key: | 1 | 2 | 3 | 4 | 5 |
|--------------|---|---|---|---|---|

All Cause Mortality by Race, 2007-2009^{1,3}



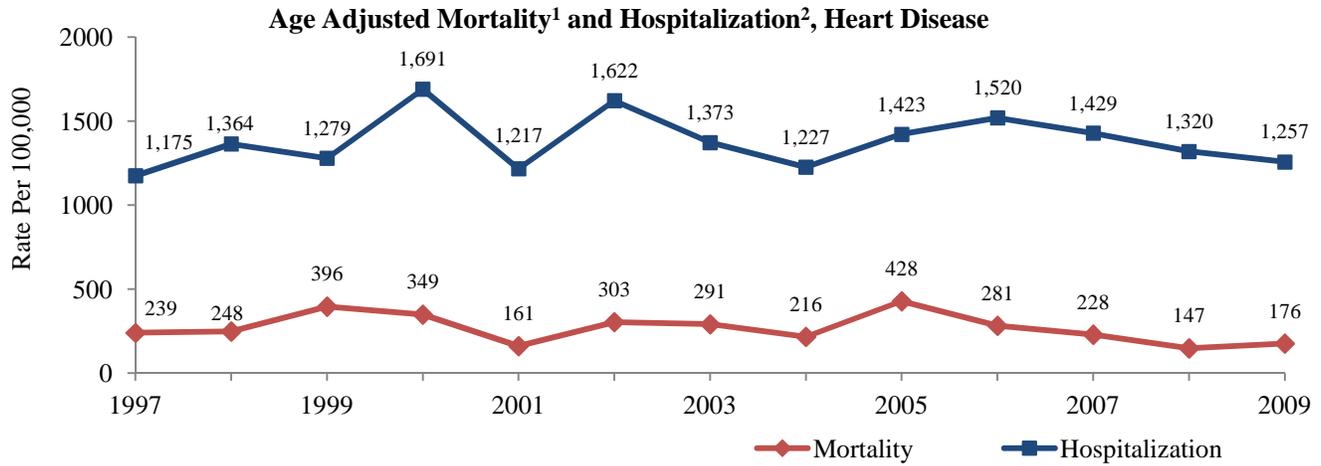
¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

²Ranking order is based on counts for the total population. Demographic ranking is based on counts for each subgroup.

³Annual mortality rate per 100,000 population, age adjusted to the 2000 standard US population.

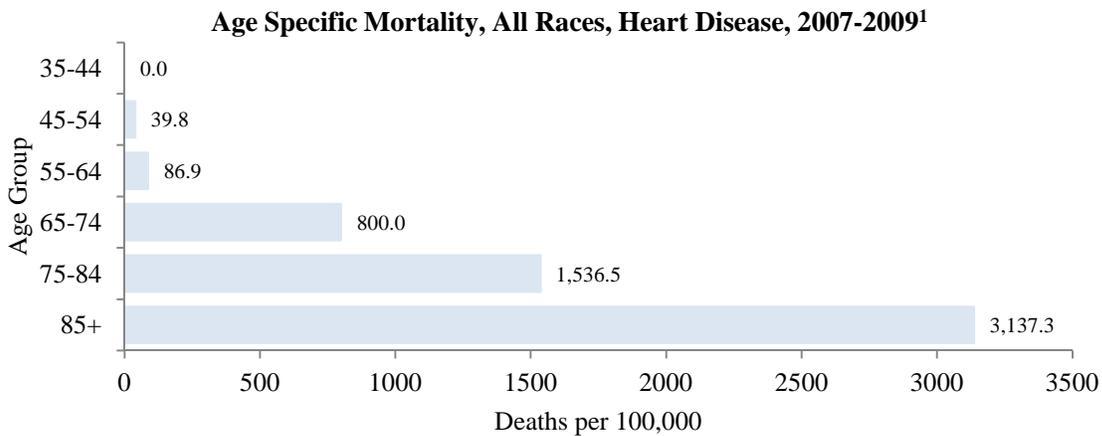
^ Indicates data has been suppressed due to small numbers.

Heart Disease



Heart Disease Mortality¹ and Hospitalization², 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|---------|---------|-------|---------|---------|
| Mortality (per 100,000) | 183.3 | 185.4 | 0.0 | 102.4 | 314.9 |
| Hospitalization (per 100,000) | 1,334.5 | 1,341.3 | 0.0 | 1,259.2 | 1,440.0 |

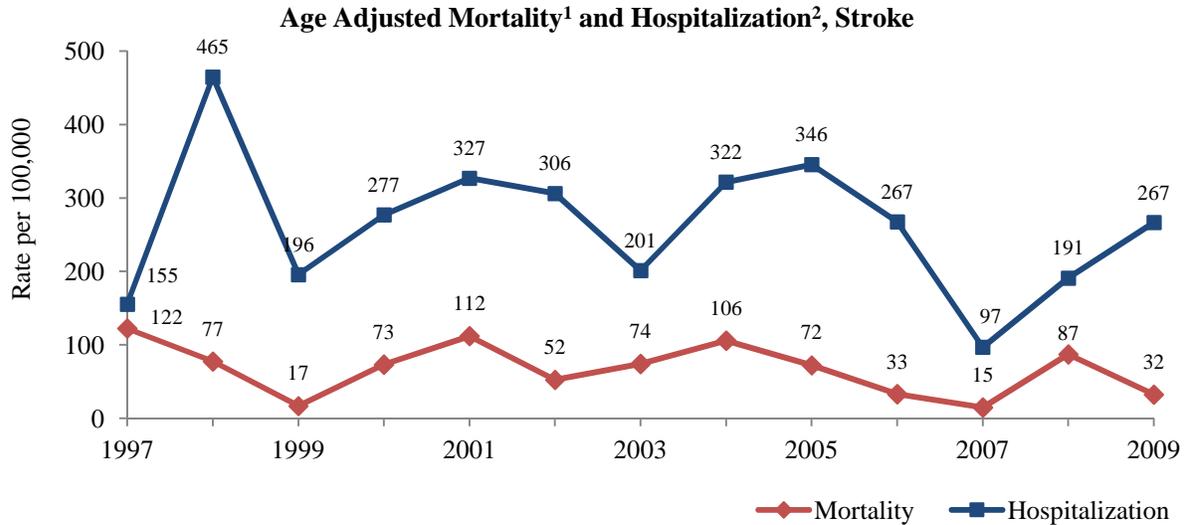


¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

²Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

^ Indicates data has been suppressed due to small numbers.

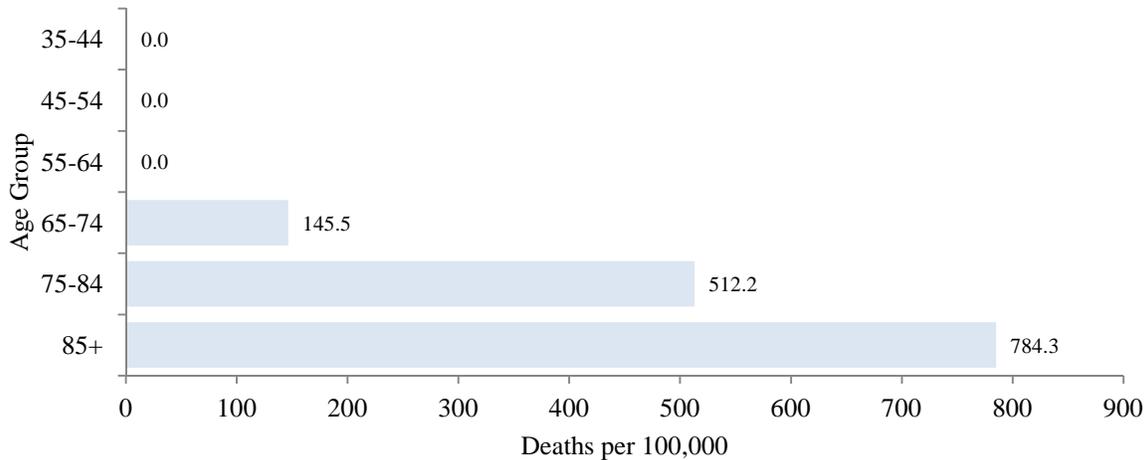
Stroke



Stroke Mortality¹ and Hospitalization², 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|-------|-------|-------|--------|-------|
| Mortality (per 100,000) | 44.7 | 45.3 | 0.0 | 46.2 | 34.3 |
| Hospitalization (per 100,000) | 186.2 | 176.8 | 0.0 | 163.8 | 201.0 |

Age Specific Mortality, All Races, Stroke, 2007-2009¹



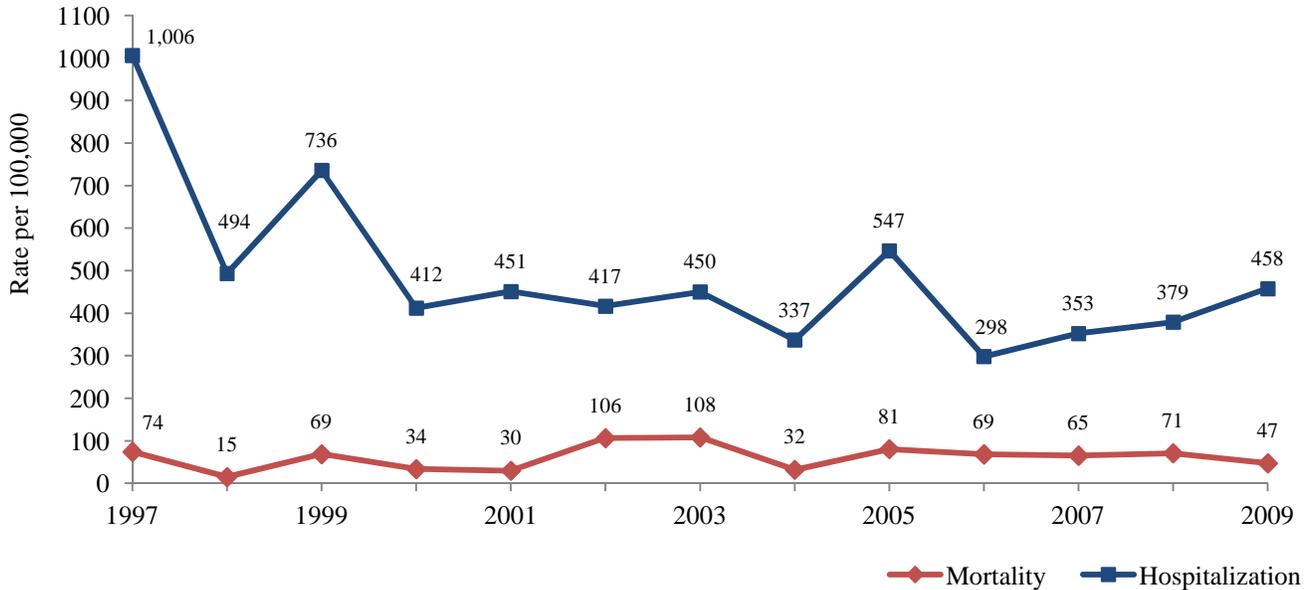
¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

²Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

^ Indicates data has been suppressed due to small numbers.

CLRD¹

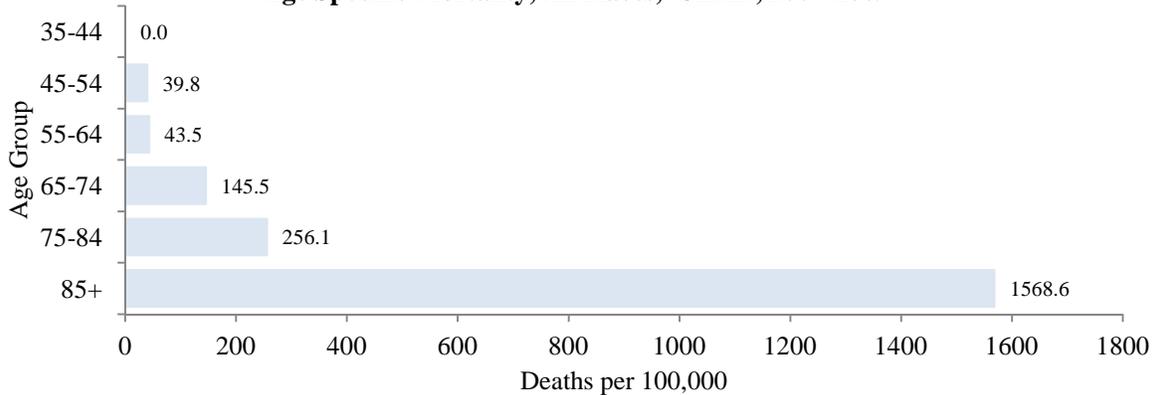
Age Adjusted Mortality² and Hospitalization³, CLRD



Chronic Lower Respiratory Disease Mortality² and Hospitalization³, 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|-------|-------|-------|--------|-------|
| Mortality (per 100,000) | 61.2 | 61.7 | 0.0 | 17.6 | 119.6 |
| Hospitalization (per 100,000) | 397.5 | 395.6 | 0.0 | 349.3 | 456.5 |

Age Specific Mortality, All Races, CLRD, 2007-2009²



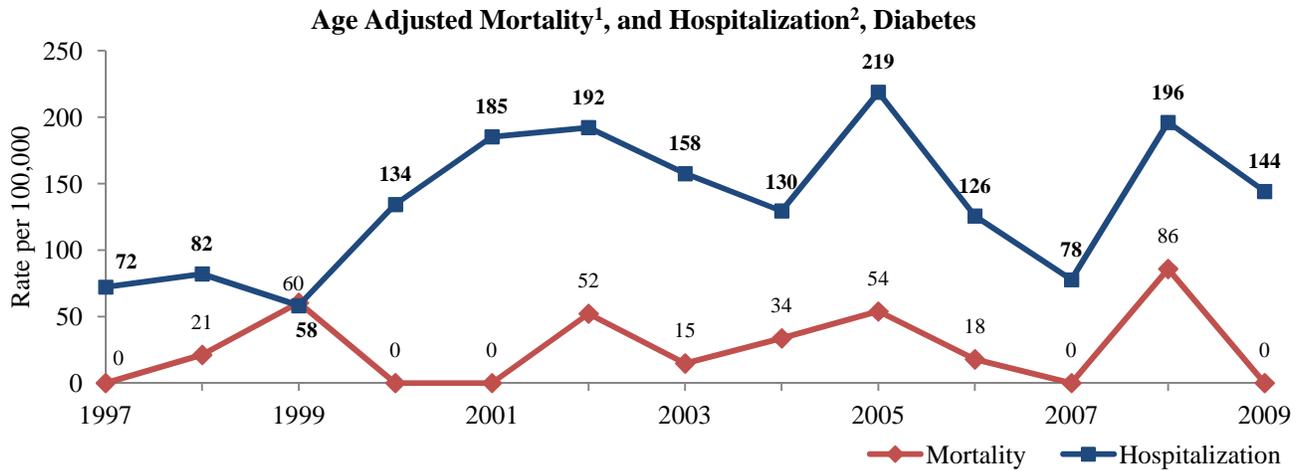
¹CLRD= Chronic Lower Respiratory Disease.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

³Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

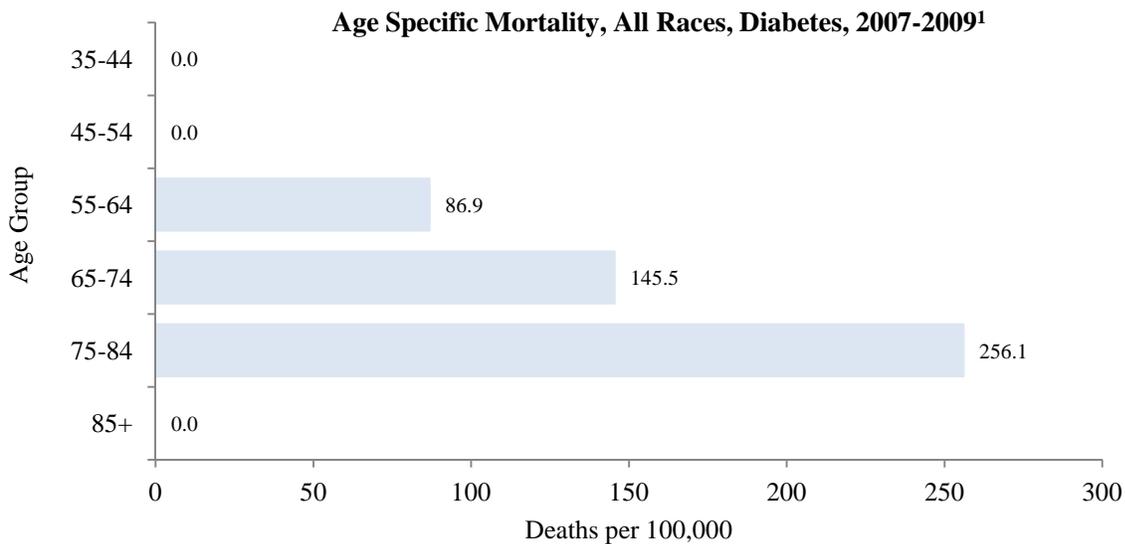
^ Indicates data has been suppressed due to small numbers.

Diabetes



Diabetes Mortality¹ and Hospitalization², 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|-------|-------|-------|--------|-------|
| Mortality (per 100,000) | 28.7 | 29.0 | 0.0 | 16.9 | 46.3 |
| Hospitalization (per 100,000) | 139.3 | 135.3 | 0.0 | 107.5 | 184.9 |

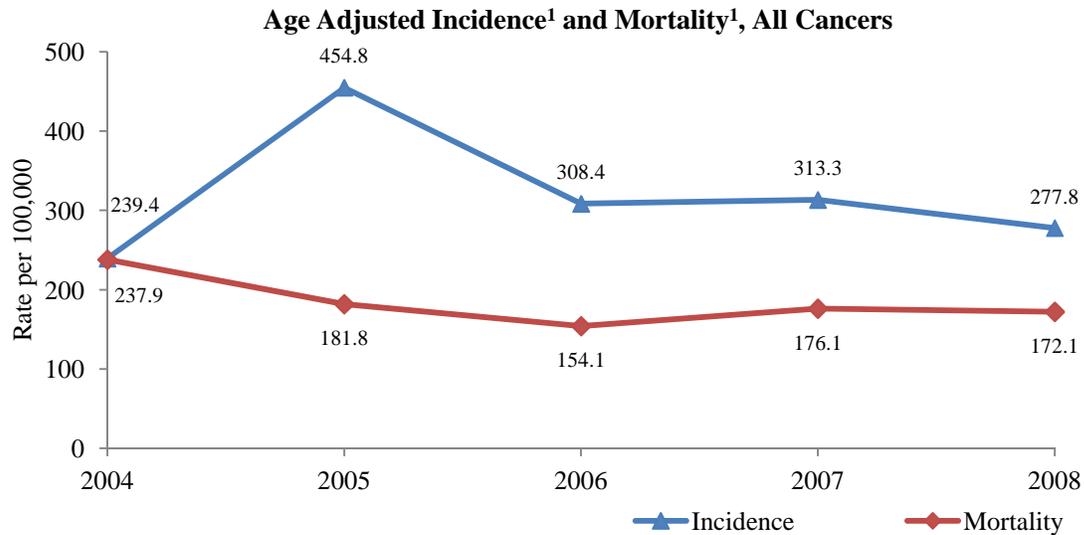


¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

²Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

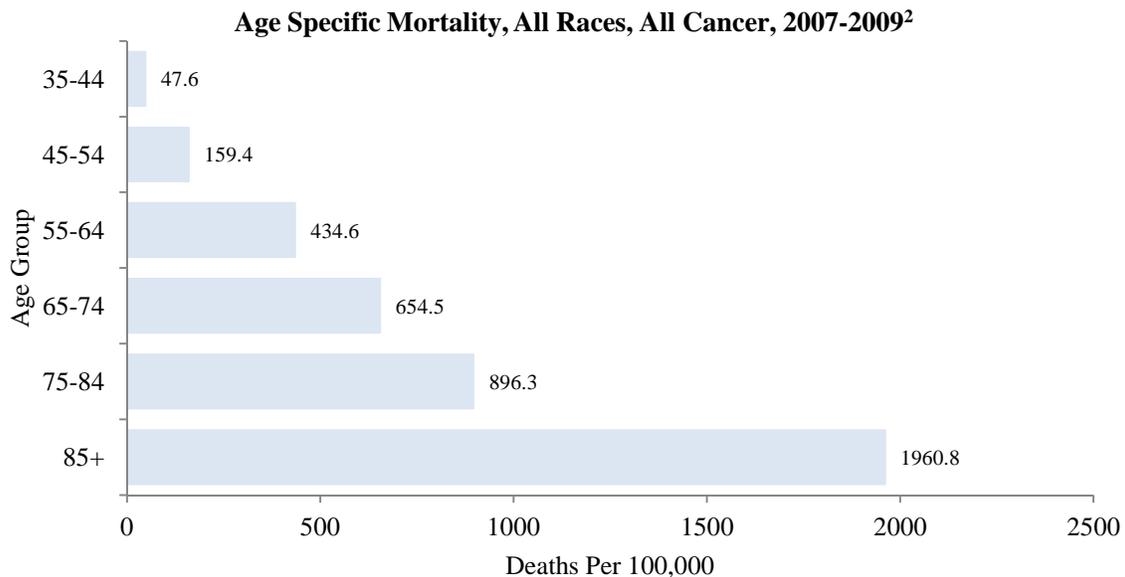
^ Indicates data has been suppressed due to small numbers.

Cancer



Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black | Female | Male |
|-------------------------|-------|-------|-------|--------|-------|
| Incidence (per 100,000) | 319.0 | 321.1 | 0.0 | 312.1 | 322.3 |
| Mortality (per 100,000) | 184.2 | 182.0 | ^ | 161.1 | 204.2 |



¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

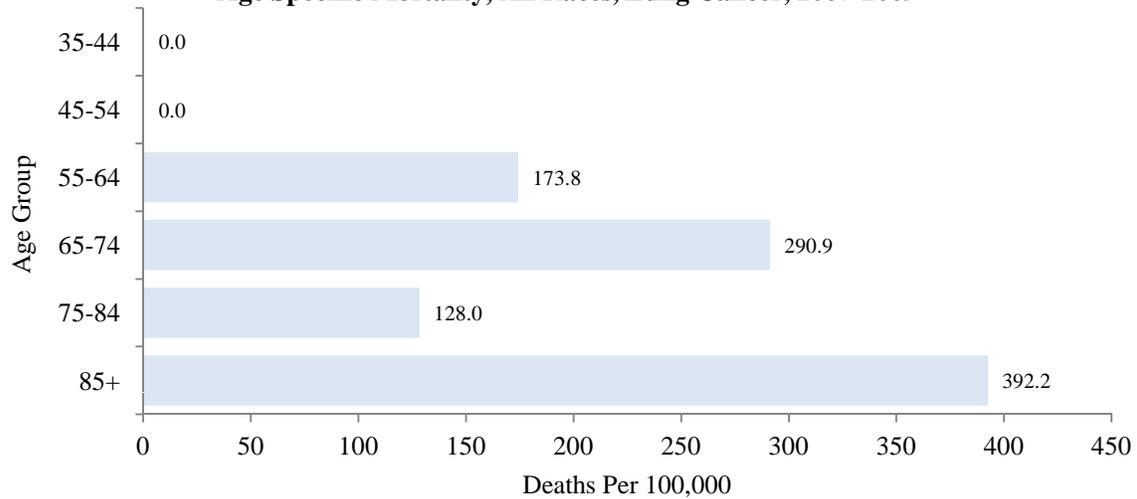
^ Indicates data has been suppressed due to small numbers.

Lung Cancer*

Lung Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black | Female | Male |
|-------------------------|-------|-------|-------|--------|-------|
| Incidence (per 100,000) | 70.8 | 71.5 | 0.0 | ^ | 106.7 |
| Mortality (per 100,000) | 40.2 | 40.5 | 0.0 | ^ | 78.6 |

Age Specific Mortality, All Races, Lung Cancer, 2007-2009²



¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

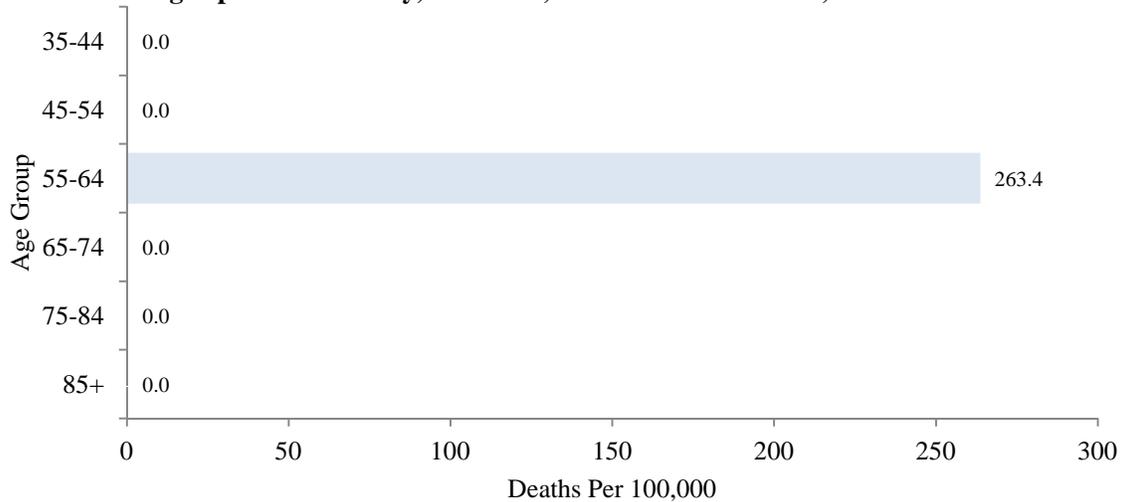
*All incidence trend data suppressed due to small numbers.

Breast Cancer*

Female Breast Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black |
|-------------------------|-------|-------|-------|
| Incidence (per 100,000) | 113.0 | 113.6 | 0.0 |
| Mortality (per 100,000) | ^ | ^ | 0.0 |

Age Specific Mortality, All Races, Female Breast Cancer, 2007-2009²



¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

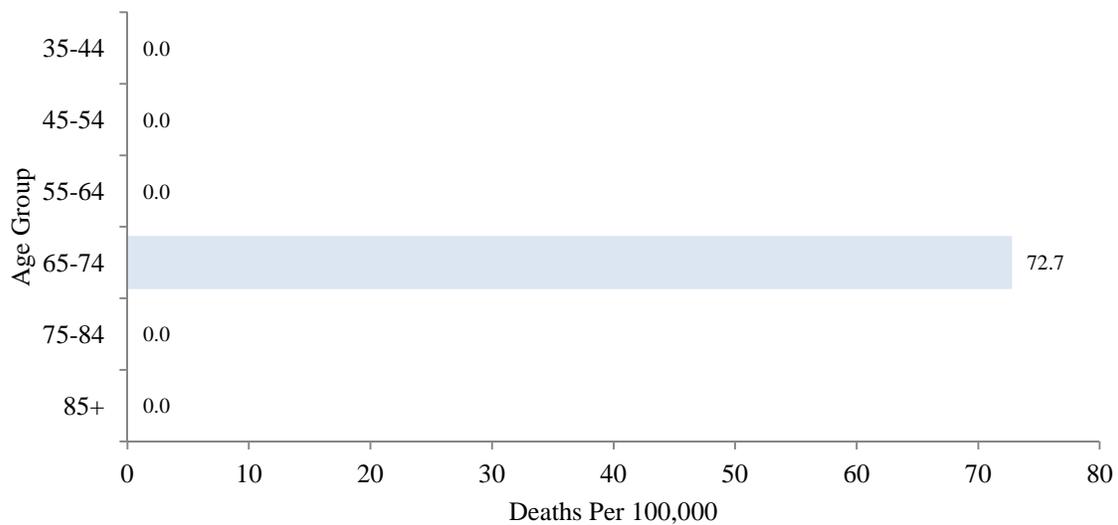
*All incidence trend data suppressed due to small numbers.

Colorectal Cancer*

Colorectal Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black | Female | Male |
|-------------------------|-------|-------|-------|--------|------|
| Incidence (per 100,000) | 32.1 | 32.3 | 0.0 | ^ | ^ |
| Mortality (per 100,000) | ^ | ^ | ^ | ^ | ^ |

Age Specific Mortality, All Races, Colorectal Cancer, 2007-2009²



¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

*All incidence trend data suppressed due to small numbers.

Prostate Cancer*

Prostate Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black |
|-------------------------|-------|-------|-------|
| Incidence (per 100,000) | 96.2 | 97 | 0.0 |
| Mortality (per 100,000) | 0.0 | 0.0 | 0.0 |

¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

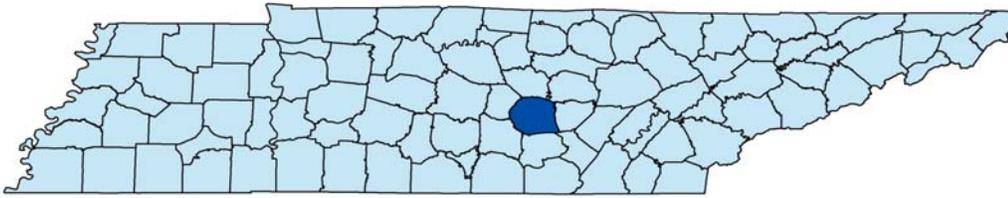
²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

*All incidence trend data suppressed due to small numbers.

Warren

Demographics

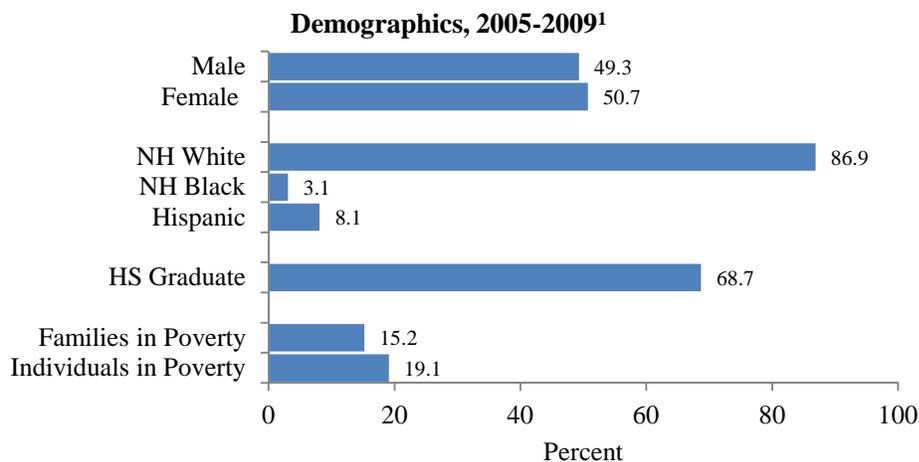


Quick Facts

| | |
|--|----------|
| Median Age ¹ : | 38.3 |
| Median Income ¹ : | \$34,261 |
| Home Ownership ¹ : | 73.2% |
| Unemployment ¹ : | 7.9% |
| Crime Rate ² (per 1,000): | 58.9 |
| Teen Pregnancy Rate ³ (per 1,000): | |
| Overall: | 62.5 |
| White: | 63.0 |
| Black: | 52.0 |
| Infant Mortality ⁴ (per 1,000): | |
| Overall: | 6.5 |
| White: | 6.8 |
| Black: | ^ |
| Automobile Accident Deaths ⁴ (per 100,000): | 21.9 |

Population by Age, Gender, and Race Distribution (2005-2009)¹

| Age | Gender | | Race | | | Total |
|-------|--------|--------|--------------------|--------------------|----------|--------|
| | Female | Male | Non-Hispanic White | Non-Hispanic Black | Hispanic | |
| <18 | 4,793 | 4,823 | 7,840 | 284 | 1,123 | 9,616 |
| 18-44 | 6,766 | 7,556 | 11,751 | 542 | 1,758 | 14,322 |
| 45-64 | 5,179 | 4,867 | 9,478 | 221 | 293 | 10,046 |
| 65+ | 3,479 | 2,452 | 5,612 | 176 | 78 | 5,931 |
| Total | 20,217 | 19,698 | 34,681 | 1,223 | 3,252 | 39,915 |



¹Data Source: U.S. Census Bureau, American Community Survey, 2005-2009.

²Data Source: Tennessee Bureau of Investigation. "Tennessee Incident Based Reporting System (TIBRS)" accessed July 26, 2011. <http://www.tennesseeonline.com/tibrspublic2005>, 2007-2009.

³Data Source: Birth Statistical System, Fetal Death Statistical System, and Induced Abortion Statistical System. Tennessee Department of Health, Division of Health Statistics, 2007-2009.

⁴Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics, 2007-2009.

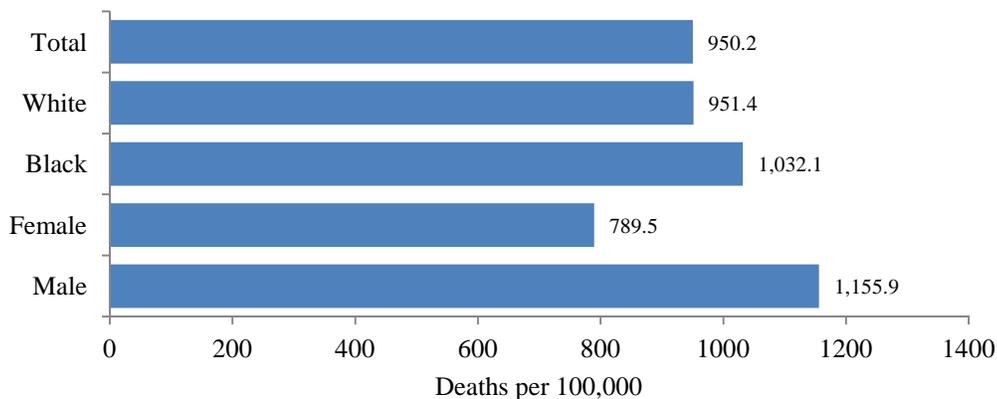
Leading Causes of Death

Leading Causes of Death, 2007-2009¹

| Rank ² | Cause | # Deaths | Age Adjusted Mortality Rate ³ and Demographic Ranking | | | | |
|-------------------|-------------------------------------|----------|--|-------|-------|--------|-------|
| | | | Total | White | Black | Female | Male |
| 1 | Heart disease | 353 | 251.9 | 252.1 | 240.4 | 196.2 | 322.2 |
| 2 | Cancer | 324 | 232.0 | 228.8 | 373.0 | 183.4 | 298.9 |
| 3 | Stroke | 75 | 53.0 | 53.4 | 41.2 | 49.8 | 56.6 |
| 4 | Accidents | 71 | 56.0 | 56.6 | 48.5 | 42.4 | 69.9 |
| 4 | Chronic lower respiratory diseases | 71 | 49.8 | 51.6 | 0.0 | 47.3 | 55.9 |
| 6 | Alzheimer's disease | 47 | 32.9 | 33.3 | 20.4 | 37.6 | 22.9 |
| 7 | Influenza and pneumonia | 33 | 23.3 | 23.5 | 22.8 | 19.1 | 29.1 |
| 8 | Diabetes mellitus | 27 | 19.7 | 19.6 | 24.3 | 10.9 | 32.5 |
| 9 | Suicide | 18 | 14.4 | 15.0 | 0.0 | 5.3 | 24.7 |
| 10 | Chronic liver disease and cirrhosis | 16 | 11.4 | 11.8 | 0.0 | 7.8 | 16.2 |

| | | | | | |
|--------------|---|---|---|---|---|
| Ranking Key: | 1 | 2 | 3 | 4 | 5 |
|--------------|---|---|---|---|---|

All Cause Mortality by Race, 2007-2009^{1,3}



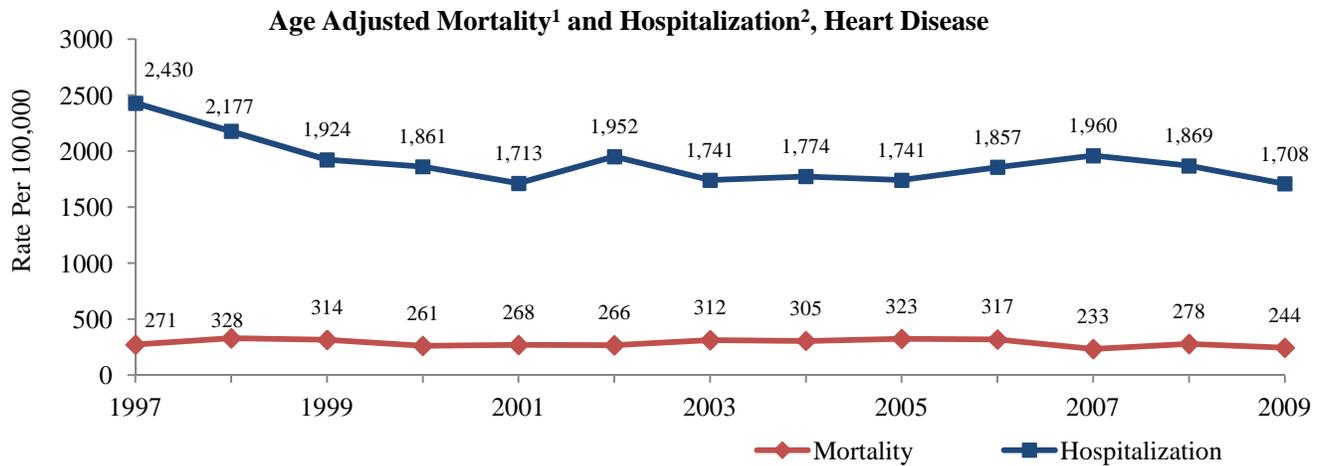
¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

²Ranking order is based on counts for the total population. Demographic ranking is based on counts for each subgroup.

³Annual mortality rate per 100,000 population, age adjusted to the 2000 standard US population.

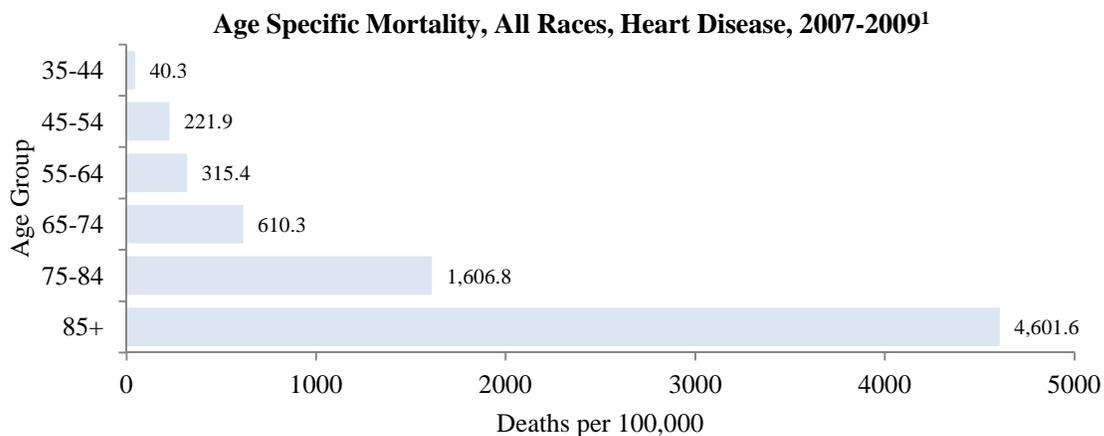
^ Indicates data has been suppressed due to small numbers.

Heart Disease



Heart Disease Mortality¹ and Hospitalization², 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|---------|---------|---------|---------|---------|
| Mortality (per 100,000) | 251.9 | 252.1 | 240.4 | 196.2 | 322.2 |
| Hospitalization (per 100,000) | 1,844.8 | 1,840.9 | 1,695.2 | 1,524.2 | 2,238.6 |

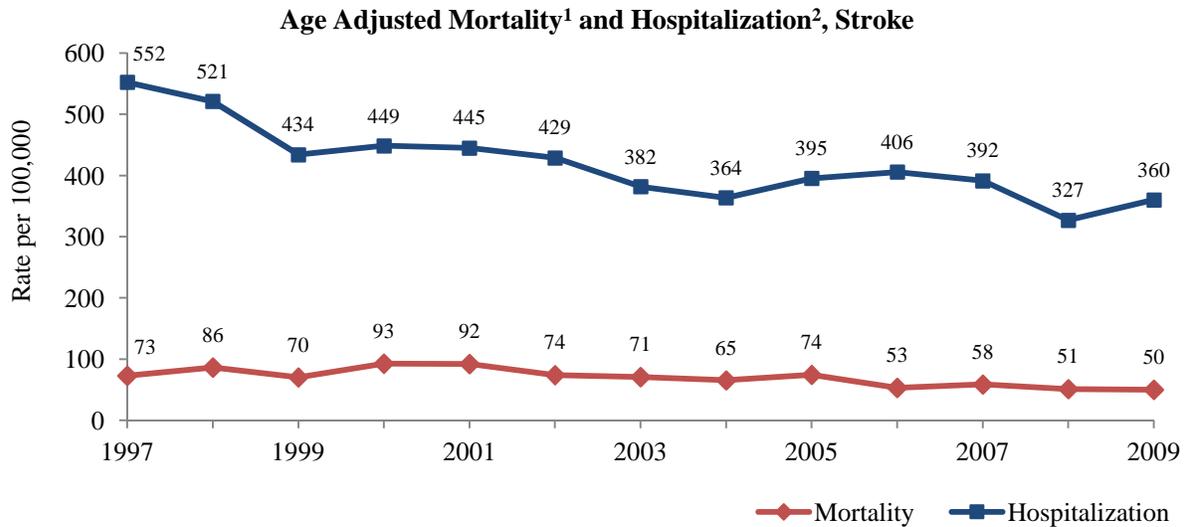


¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

²Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

^ Indicates data has been suppressed due to small numbers.

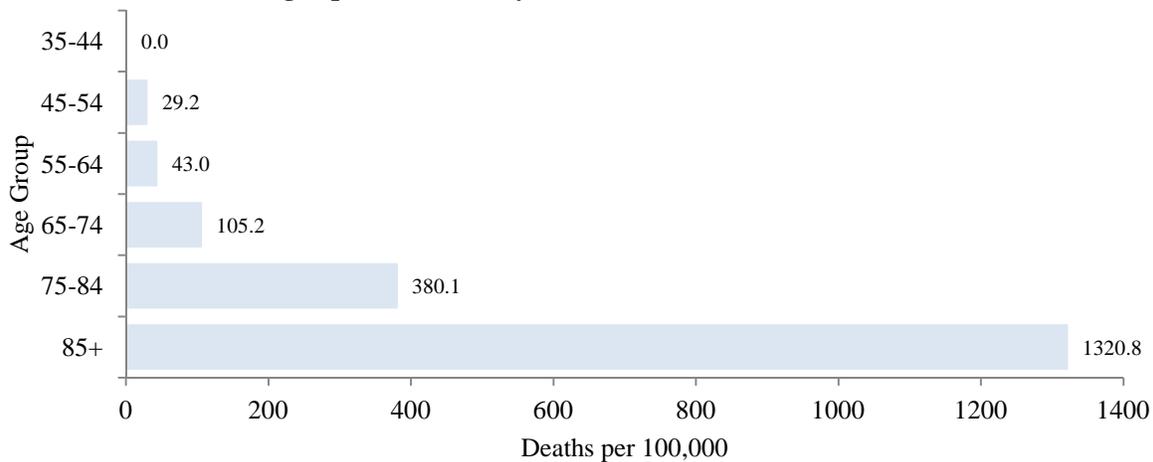
Stroke



Stroke Mortality¹ and Hospitalization², 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|-------|-------|-------|--------|-------|
| Mortality (per 100,000) | 53.0 | 53.4 | 41.2 | 49.8 | 56.6 |
| Hospitalization (per 100,000) | 359.6 | 359.8 | 255.6 | 335.4 | 383.4 |

Age Specific Mortality, All Races, Stroke, 2007-2009¹



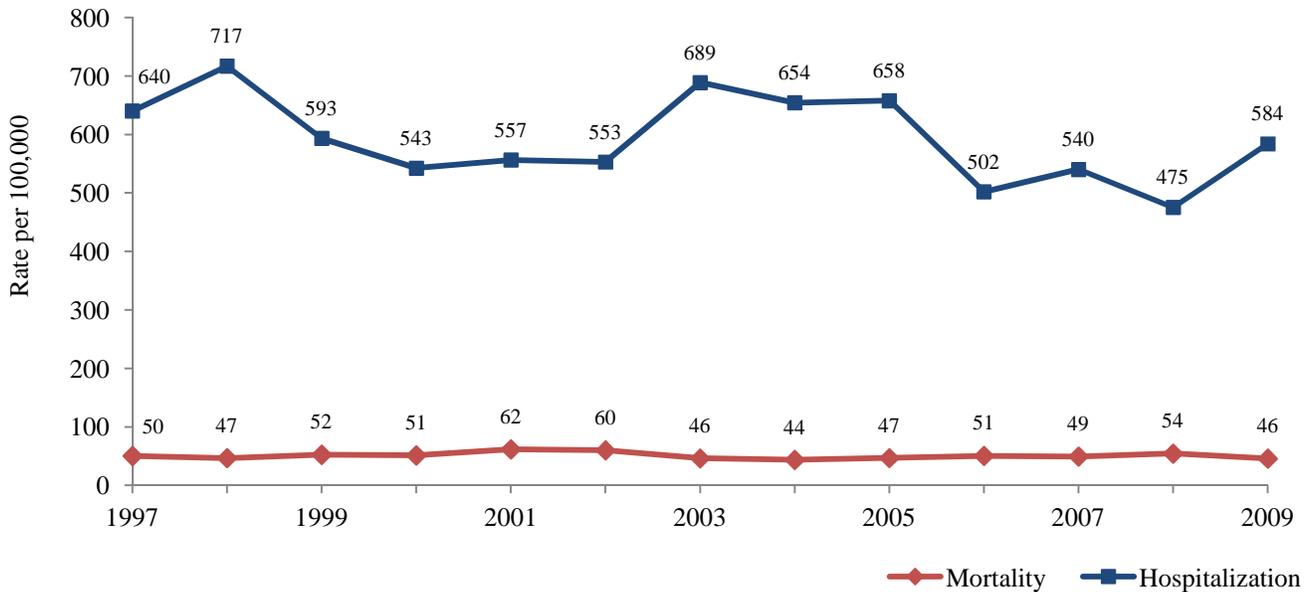
¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

²Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

^ Indicates data has been suppressed due to small numbers.

CLRD¹

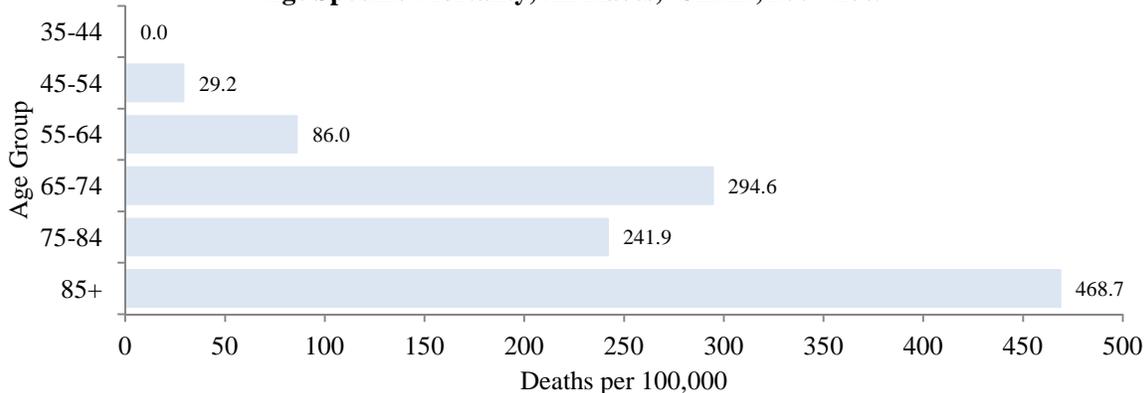
Age Adjusted Mortality² and Hospitalization³, CLRD



Chronic Lower Respiratory Disease Mortality² and Hospitalization³, 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|-------|-------|-------|--------|-------|
| Mortality (per 100,000) | 49.8 | 51.6 | 0.0 | 47.3 | 55.9 |
| Hospitalization (per 100,000) | 533.2 | 536.2 | 289.2 | 592.2 | 490.9 |

Age Specific Mortality, All Races, CLRD, 2007-2009²



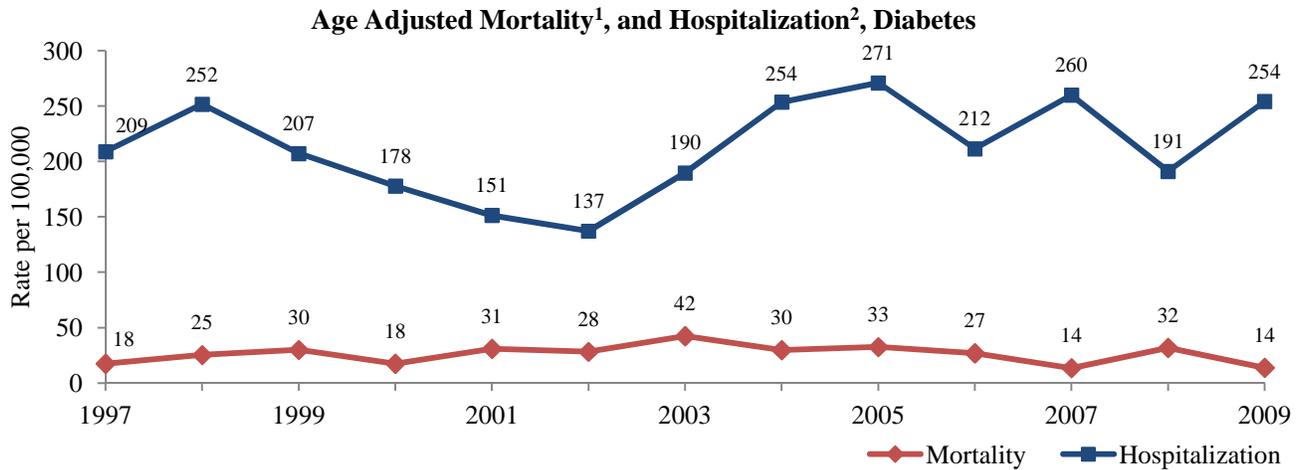
¹CLRD= Chronic Lower Respiratory Disease.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

³Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

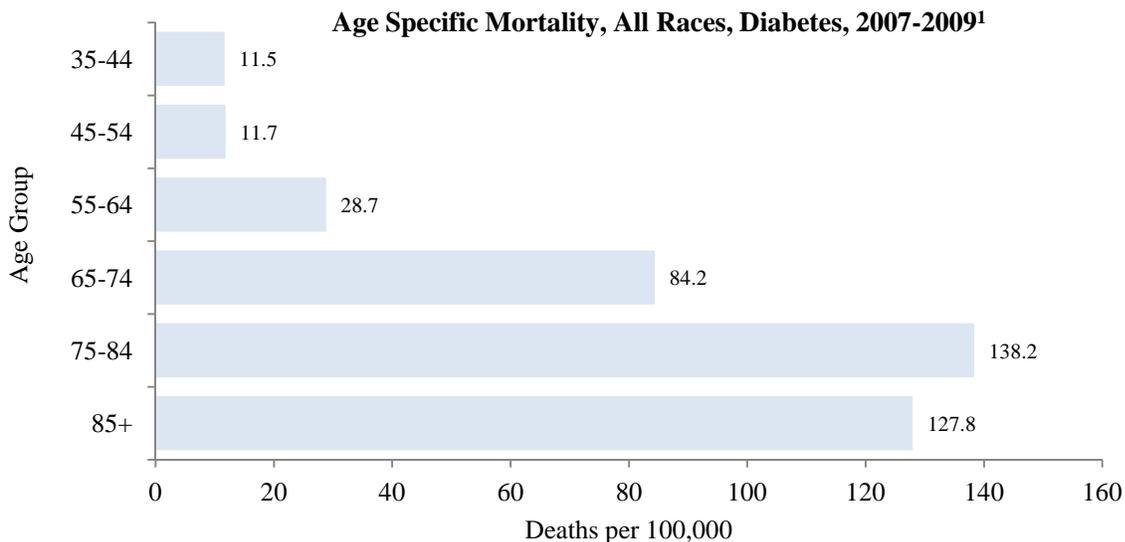
^ Indicates data has been suppressed due to small numbers.

Diabetes



Diabetes Mortality¹ and Hospitalization², 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|-------|-------|-------|--------|-------|
| Mortality (per 100,000) | 19.7 | 19.6 | 24.3 | 10.9 | 32.5 |
| Hospitalization (per 100,000) | 235.1 | 218.5 | 656.8 | 236.6 | 238.1 |

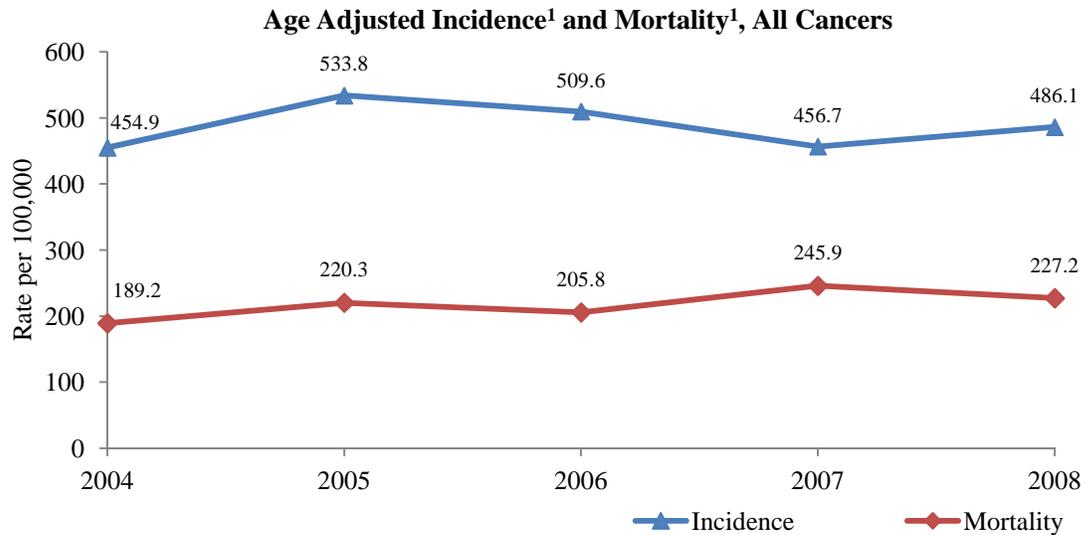


¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

²Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

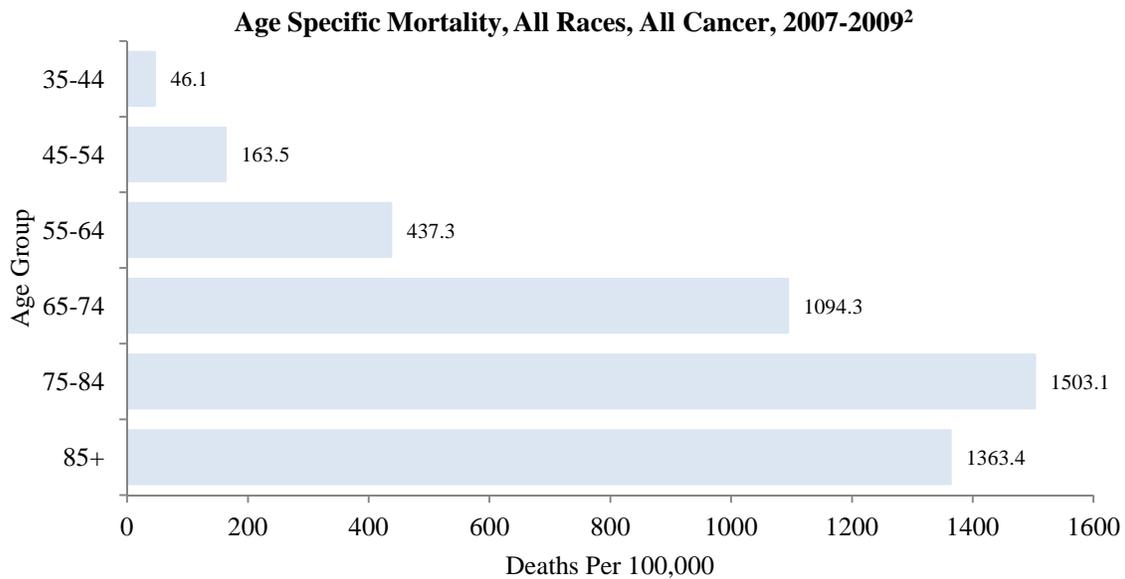
^ Indicates data has been suppressed due to small numbers.

Cancer



Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black | Female | Male |
|-------------------------|-------|-------|-------|--------|-------|
| Incidence (per 100,000) | 488.5 | 486.8 | 514.7 | 441.3 | 560.3 |
| Mortality (per 100,000) | 217.9 | 216.4 | 261.2 | 168.1 | 288.9 |

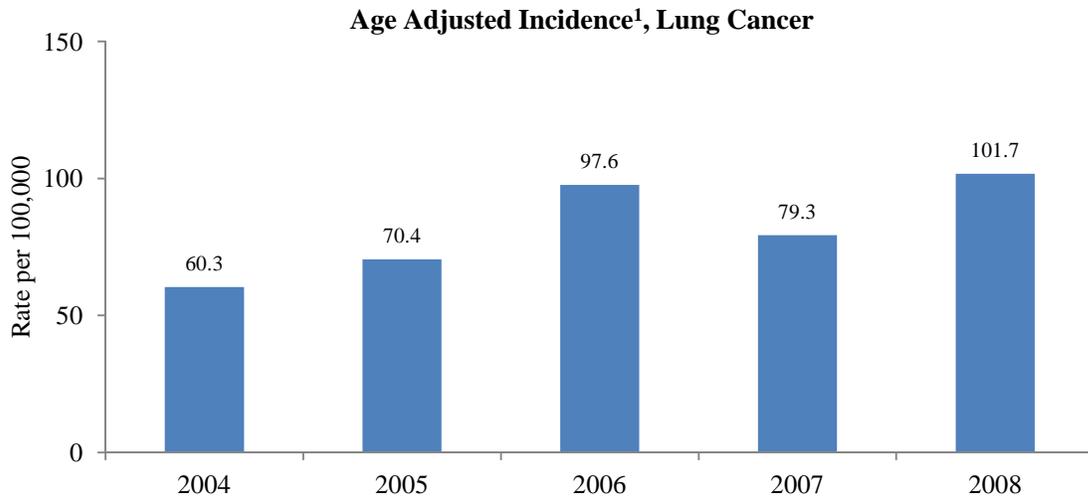


¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

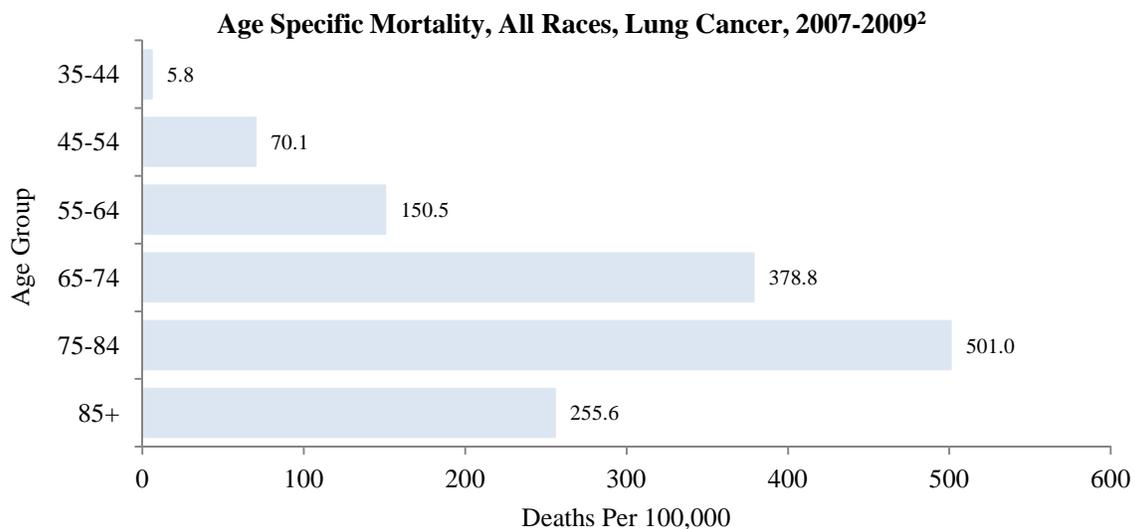
^ Indicates data has been suppressed due to small numbers.

Lung Cancer



Lung Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black | Female | Male |
|-------------------------|-------|-------|-------|--------|-------|
| Incidence (per 100,000) | 82.1 | 80.6 | ^ | 56.9 | 115.8 |
| Mortality (per 100,000) | 65.6 | 64.7 | ^ | 39.0 | 101.5 |

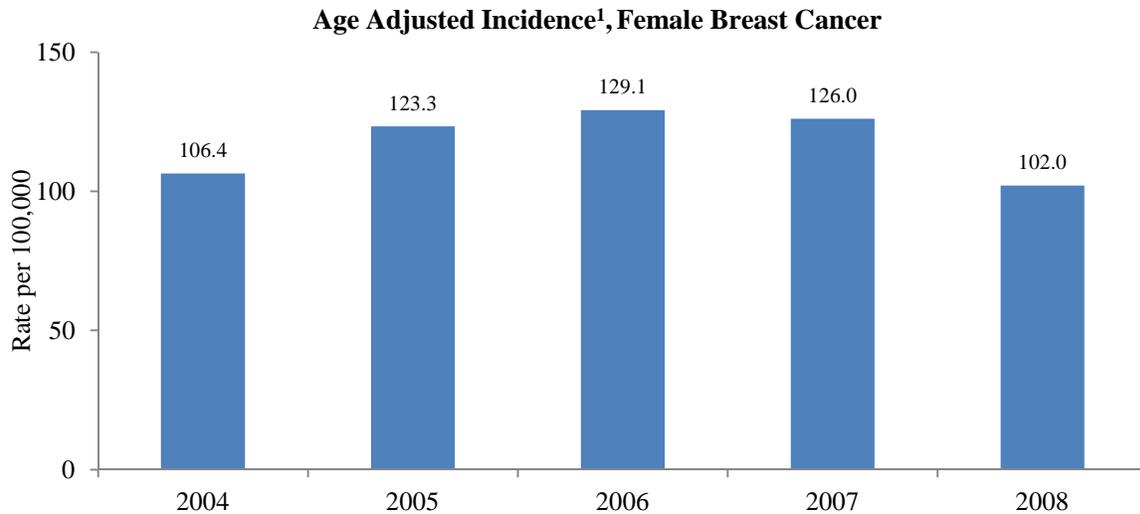


¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

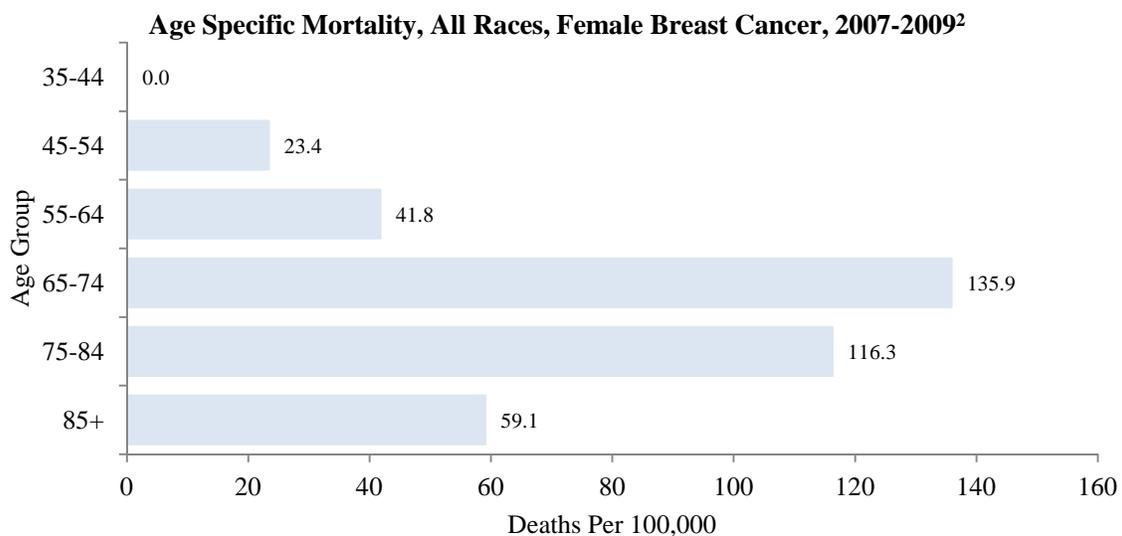
^ Indicates data has been suppressed due to small numbers.

Breast Cancer



Female Breast Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black |
|-------------------------|-------|-------|-------|
| Incidence (per 100,000) | 117.2 | 118.6 | ^ |
| Mortality (per 100,000) | 20.8 | 18.9 | ^ |

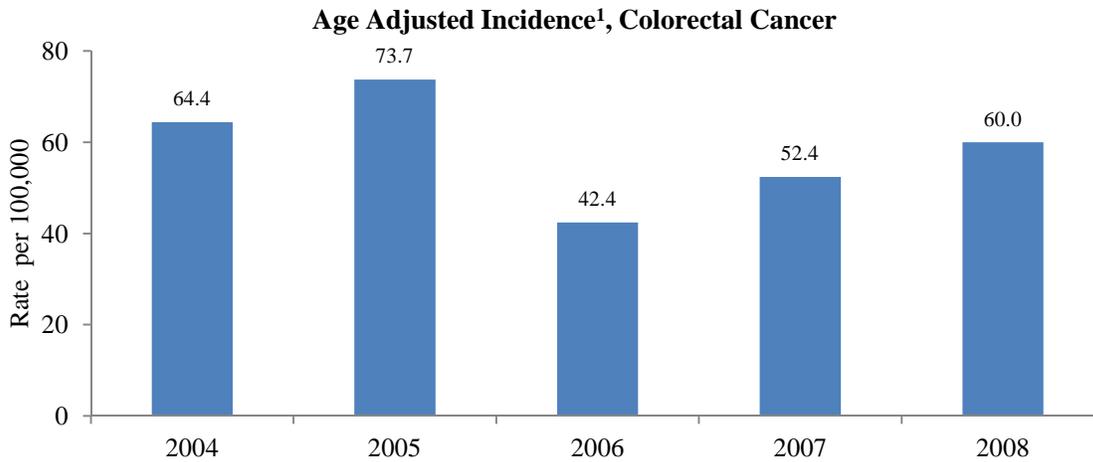


¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

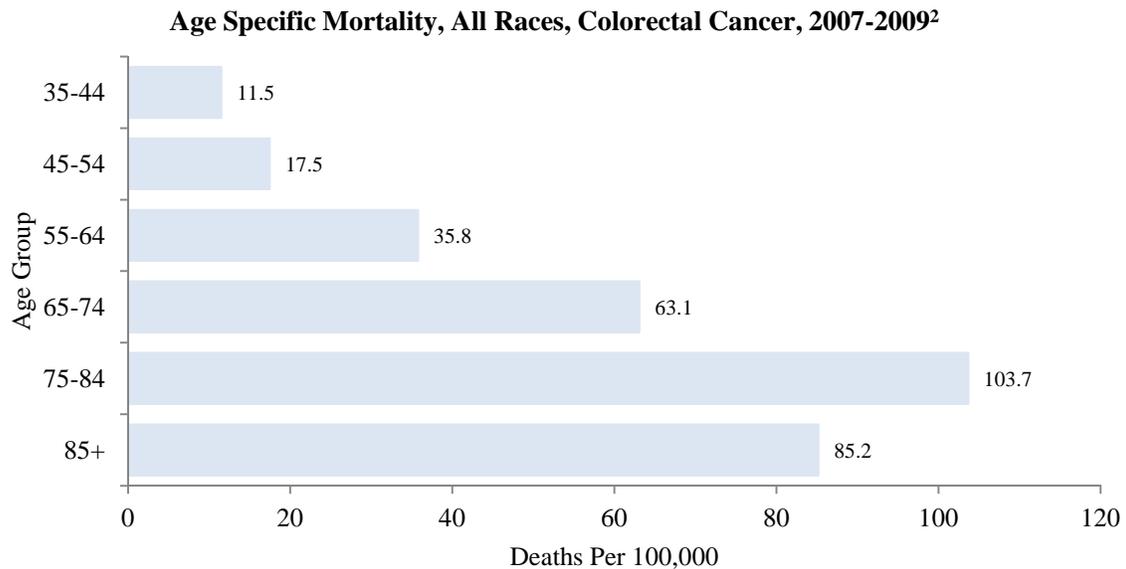
^ Indicates data has been suppressed due to small numbers.

Colorectal Cancer



Colorectal Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black | Female | Male |
|-------------------------|-------|-------|-------|--------|------|
| Incidence (per 100,000) | 58.4 | 57.1 | ^ | 50.8 | 69.0 |
| Mortality (per 100,000) | 18.3 | 17.2 | ^ | 12.8 | 25.4 |



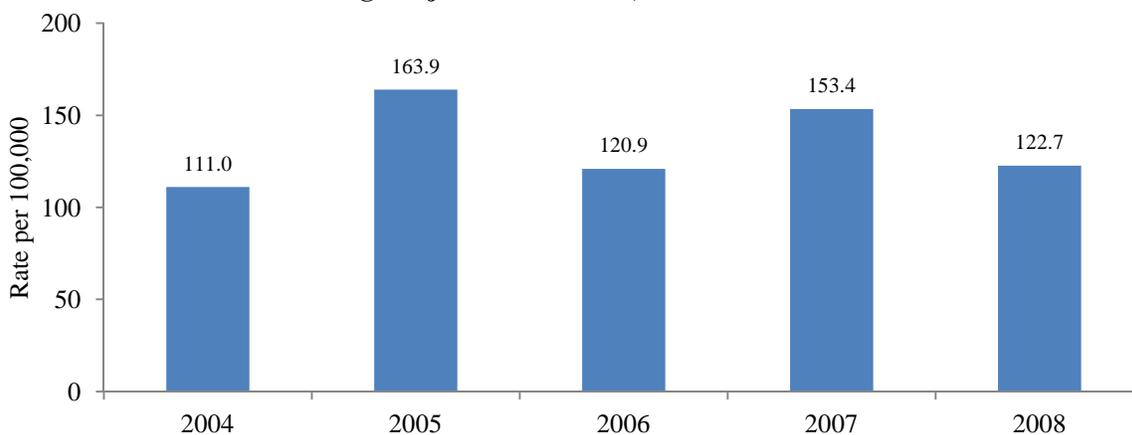
¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

Prostate Cancer

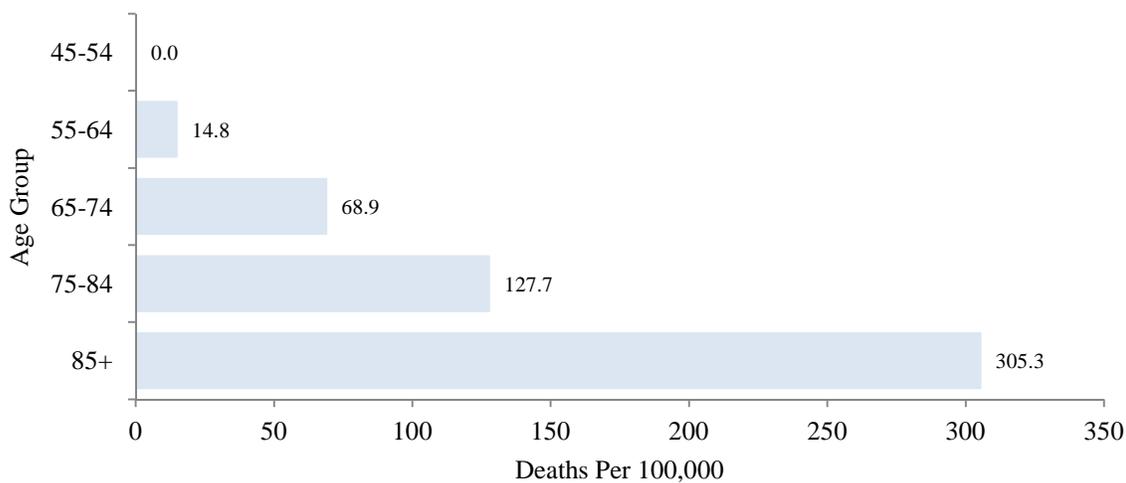
Age Adjusted Incidence¹, Prostate Cancer



Prostate Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black |
|-------------------------|-------|-------|-------|
| Incidence (per 100,000) | 134.2 | 127.7 | ^ |
| Mortality (per 100,000) | 21.0 | 20.7 | ^ |

Age Specific Mortality, All Races, Prostate Cancer, 2007-2009²



¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

White

Demographics

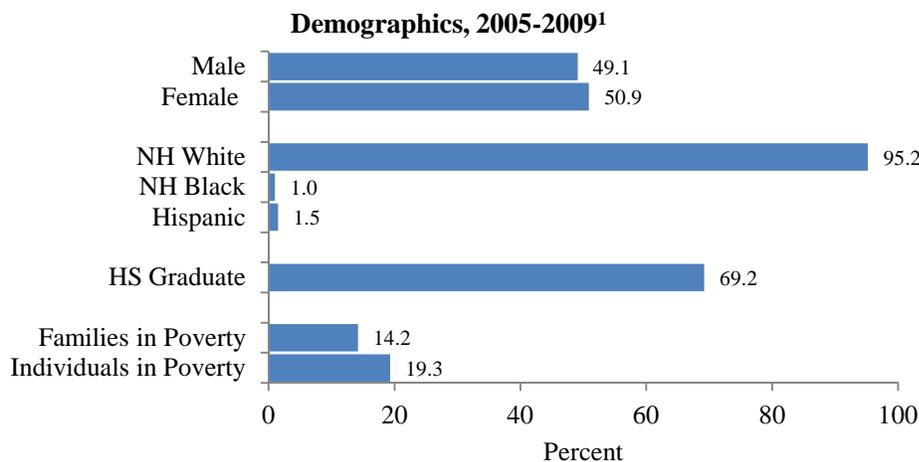


Quick Facts

| | |
|--|----------|
| Median Age ¹ : | 40.6 |
| Median Income ¹ : | \$32,678 |
| Home Ownership ¹ : | 78.8% |
| Unemployment ¹ : | 9.0% |
| Crime Rate ² (per 1,000): | 65.8 |
| Teen Pregnancy Rate ³ (per 1,000): | |
| Overall: | 65.0 |
| White: | 64.2 |
| Black: | ^ |
| Infant Mortality ⁴ (per 1,000): | |
| Overall: | 7.7 |
| White: | 7.9 |
| Black: | ^ |
| Automobile Accident Deaths ⁴ (per 100,000): | 25.9 |

Population by Age, Gender, and Race Distribution (2005-2009)¹

| Age | Gender | | Race | | | Total |
|-------|--------|--------|--------------------|--------------------|----------|--------|
| | Female | Male | Non-Hispanic White | Non-Hispanic Black | Hispanic | |
| <18 | 2,798 | 2,973 | 5,319 | 39 | 155 | 5,771 |
| 18-44 | 4,079 | 4,249 | 7,948 | 55 | 171 | 8,328 |
| 45-64 | 3,485 | 3,288 | 6,502 | 130 | 38 | 6,773 |
| 65+ | 2,301 | 1,724 | 3,928 | 33 | 16 | 4,025 |
| Total | 12,663 | 12,234 | 23,697 | 257 | 380 | 24,897 |



¹Data Source: U.S. Census Bureau, American Community Survey, 2005-2009.

²Data Source: Tennessee Bureau of Investigation. "Tennessee Incident Based Reporting System (TIBRS)" accessed July 26, 2011. <http://www.tennesseeonline.com/tibrspublic2005>, 2007-2009.

³Data Source: Birth Statistical System, Fetal Death Statistical System, and Induced Abortion Statistical System. Tennessee Department of Health, Division of Health Statistics, 2007-2009.

⁴Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics, 2007-2009.

White

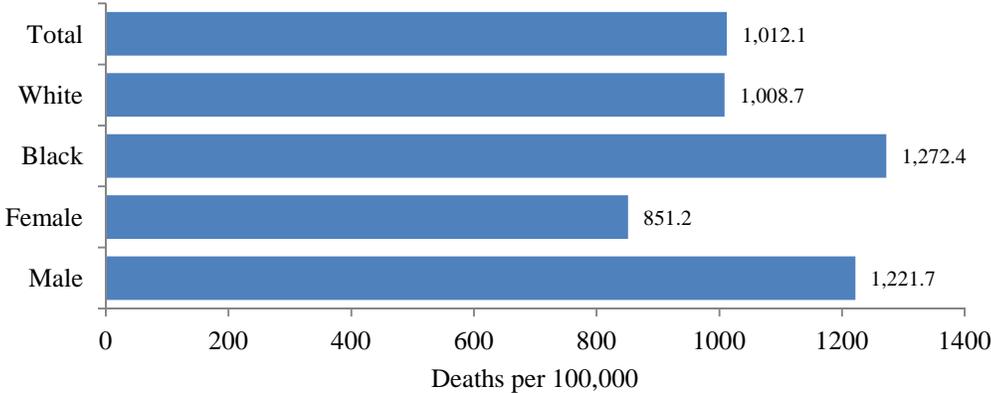
Leading Causes of Death

Leading Causes of Death, 2007-2009¹

| Rank ² | Cause | # Deaths | Age Adjusted Mortality Rate ³ and Demographic Ranking | | | | |
|-------------------|------------------------------------|----------|--|-------|-------|--------|-------|
| | | | Total | White | Black | Female | Male |
| 1 | Heart disease | 215 | 242.3 | 239.2 | 472.8 | 198.7 | 294.7 |
| 2 | Cancer | 203 | 221.1 | 220.8 | 199.9 | 188.8 | 277.7 |
| 3 | Chronic lower respiratory diseases | 55 | 60.0 | 60.0 | 73.5 | 53.9 | 71.6 |
| 4 | Alzheimer's disease | 54 | 62.1 | 61.1 | 114.9 | 66.3 | 56.6 |
| 5 | Accidents | 51 | 65.1 | 63.8 | 154.0 | 39.7 | 94.1 |
| 6 | Stroke | 49 | 56.2 | 56.2 | 57.4 | 61.4 | 48.7 |
| 7 | Diabetes mellitus | 32 | 33.6 | 34.3 | 0.0 | 33.9 | 31.0 |
| 8 | Kidney disease | 21 | 23.8 | 23.4 | 53.9 | 23.8 | 25.4 |
| 9 | Suicide | 17 | 22.9 | 22.1 | 72.5 | 3.1 | 44.6 |
| 10 | Influenza and pneumonia | 14 | 15.4 | 15.7 | 0.0 | 12.8 | 16.9 |

| | | | | | |
|--------------|---|---|---|---|---|
| Ranking Key: | 1 | 2 | 3 | 4 | 5 |
|--------------|---|---|---|---|---|

All Cause Mortality by Race, 2007-2009^{1,3}



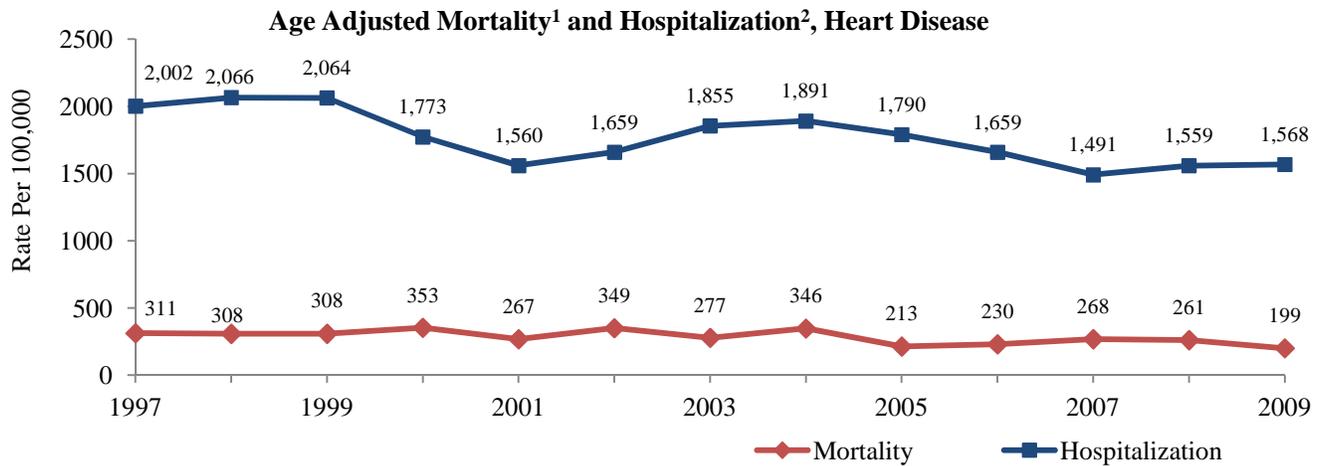
¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

²Ranking order is based on counts for the total population. Demographic ranking is based on counts for each subgroup.

³Annual mortality rate per 100,000 population, age adjusted to the 2000 standard US population.

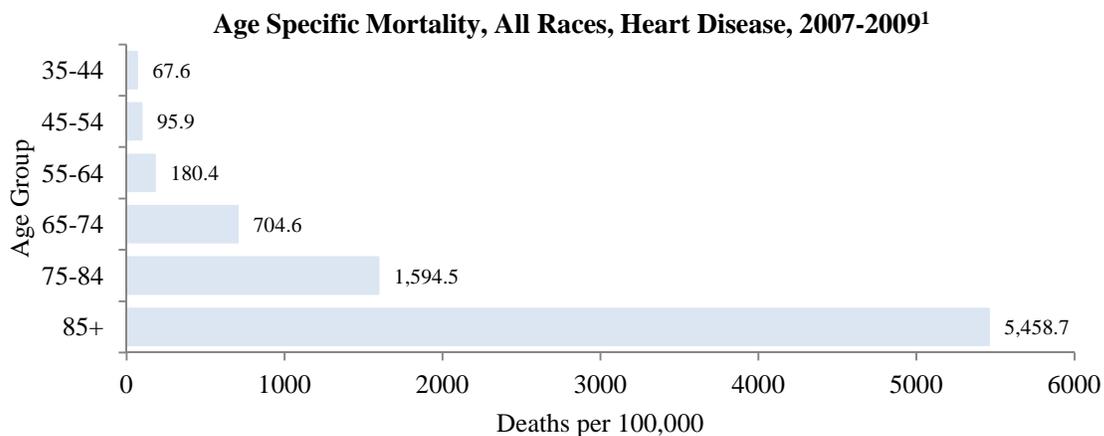
^ Indicates data has been suppressed due to small numbers.

Heart Disease



Heart Disease Mortality¹ and Hospitalization², 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|---------|---------|---------|---------|---------|
| Mortality (per 100,000) | 242.3 | 239.2 | 472.8 | 198.7 | 294.7 |
| Hospitalization (per 100,000) | 1,540.2 | 1,527.8 | 2,187.7 | 1,434.7 | 1,633.7 |



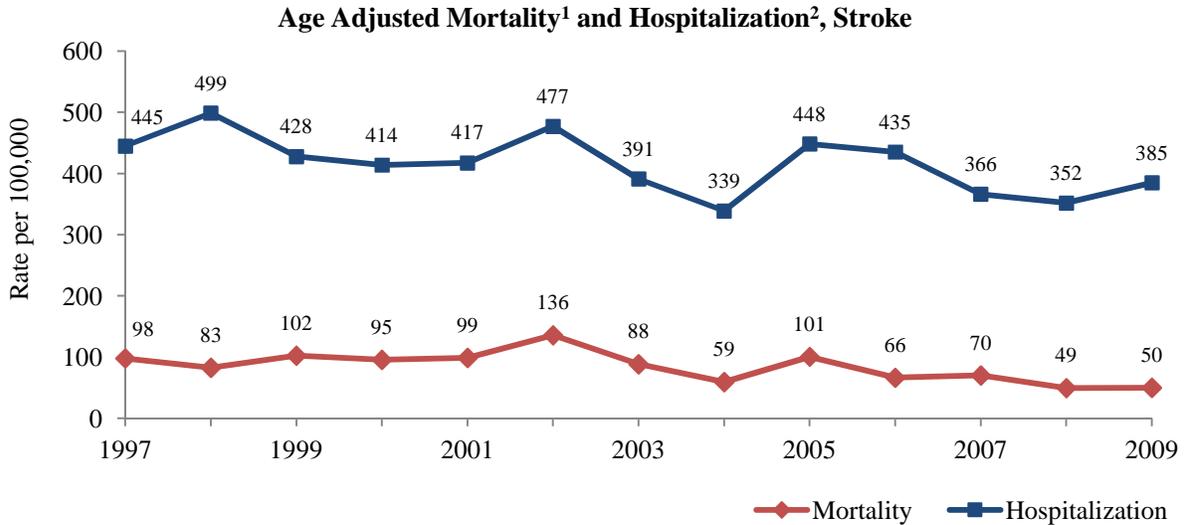
¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

²Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

^ Indicates data has been suppressed due to small numbers.

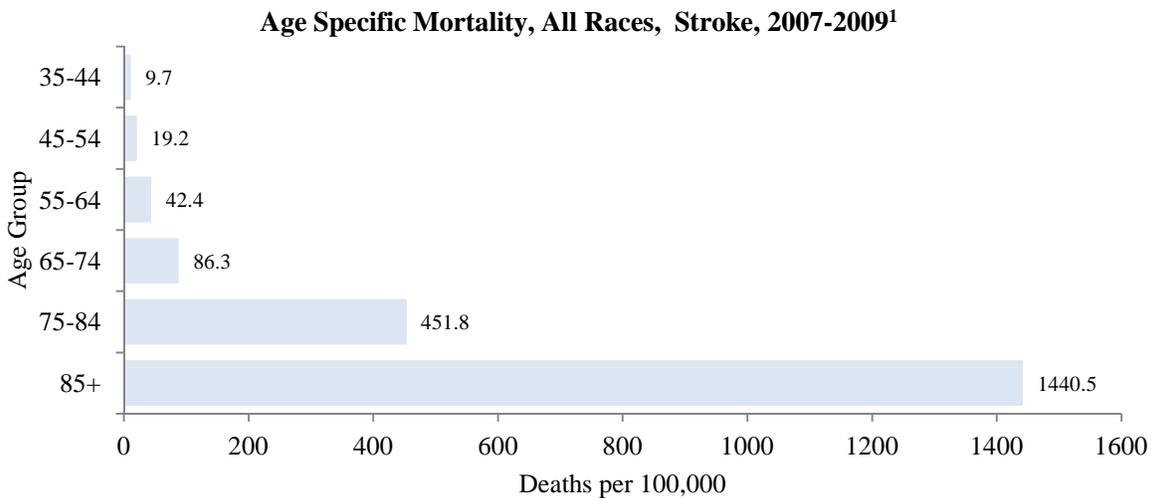
White

Stroke



Stroke Mortality¹ and Hospitalization², 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|-------|-------|-------|--------|-------|
| Mortality (per 100,000) | 56.2 | 56.2 | 57.4 | 61.4 | 48.7 |
| Hospitalization (per 100,000) | 367.8 | 367.7 | 277.0 | 367.2 | 368.2 |



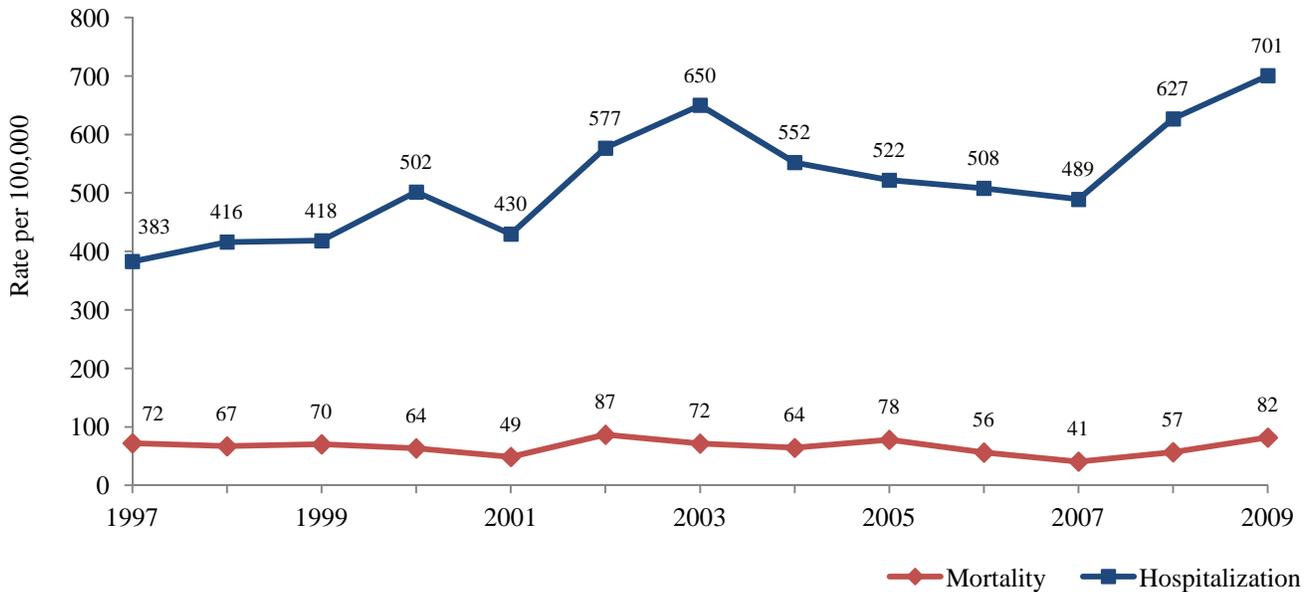
¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

²Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

^ Indicates data has been suppressed due to small numbers.

CLRD¹

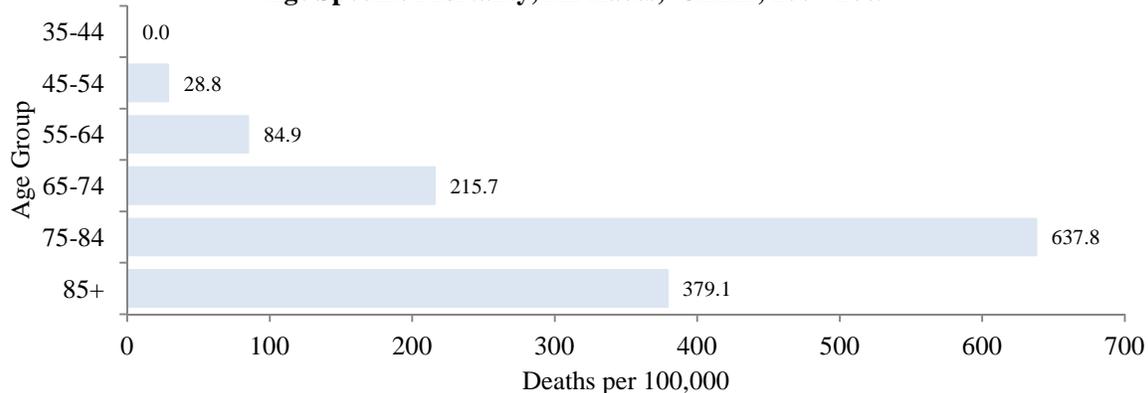
Age Adjusted Mortality² and Hospitalization³, CLRD



Chronic Lower Respiratory Disease Mortality² and Hospitalization³, 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|-------|-------|--------|--------|-------|
| Mortality (per 100,000) | 60.0 | 60.0 | 73.5 | 53.9 | 71.6 |
| Hospitalization (per 100,000) | 606.6 | 597.3 | 1333.1 | 743.3 | 482.0 |

Age Specific Mortality, All Races, CLRD, 2007-2009²



¹CLRD= Chronic Lower Respiratory Disease.

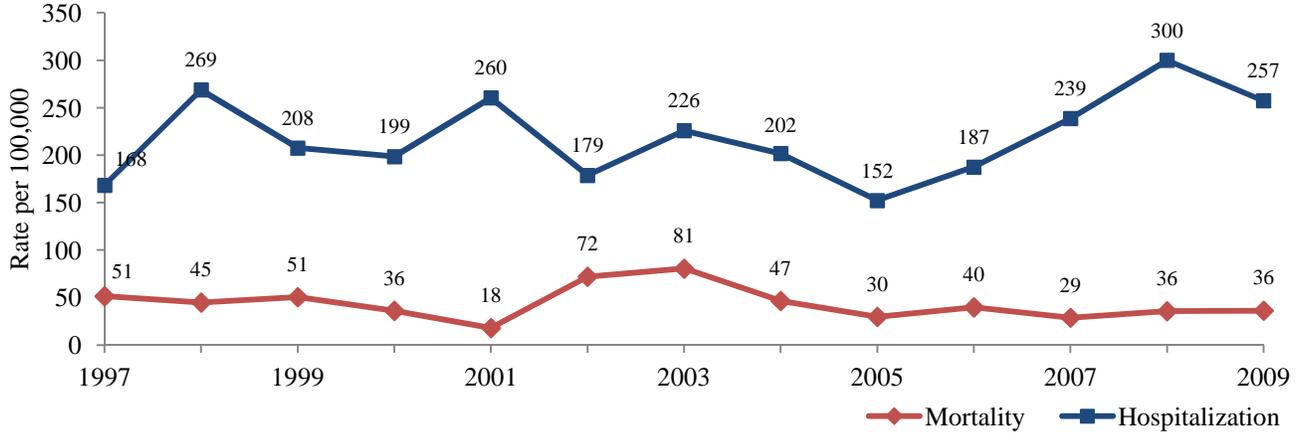
²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

³Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

^ Indicates data has been suppressed due to small numbers.

Diabetes

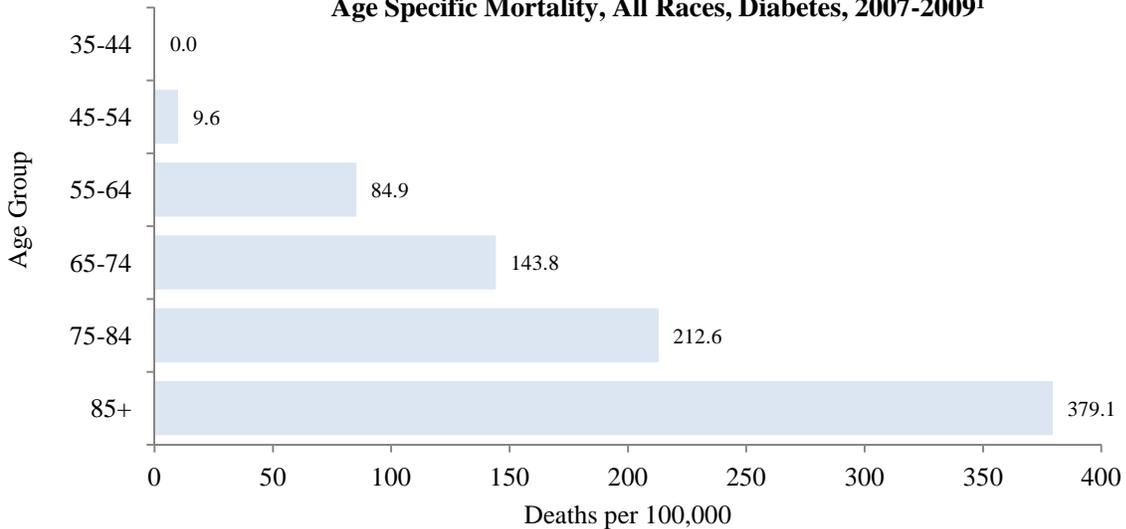
Age Adjusted Mortality¹, and Hospitalization², Diabetes



Diabetes Mortality¹ and Hospitalization², 2007-2009

| | Total | White | Black | Female | Male |
|-------------------------------|-------|-------|-------|--------|-------|
| Mortality (per 100,000) | 33.6 | 34.3 | 0.0 | 33.9 | 31.0 |
| Hospitalization (per 100,000) | 265.3 | 270.4 | 53.9 | 346.2 | 188.5 |

Age Specific Mortality, All Races, Diabetes, 2007-2009¹

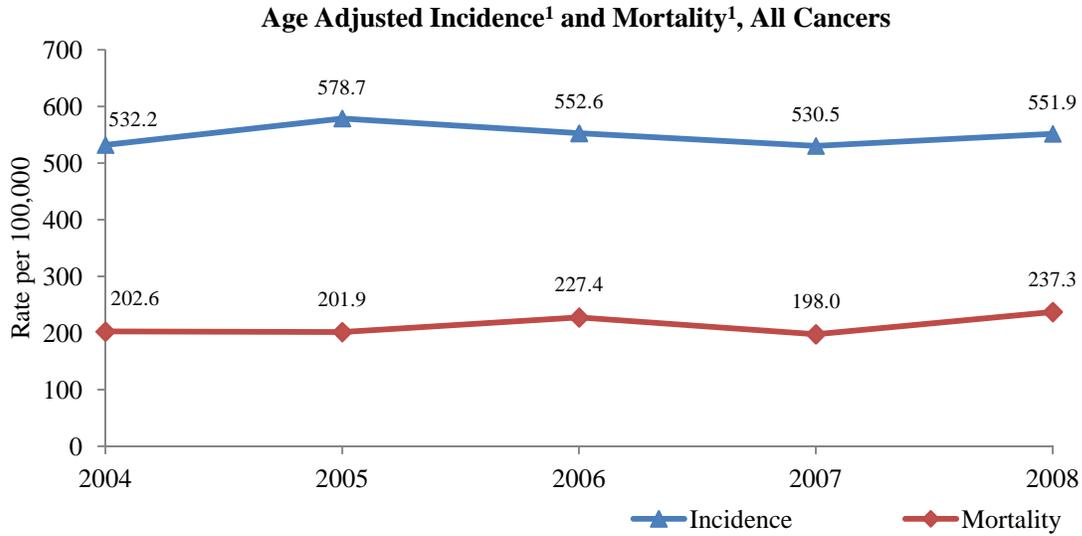


¹Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

²Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

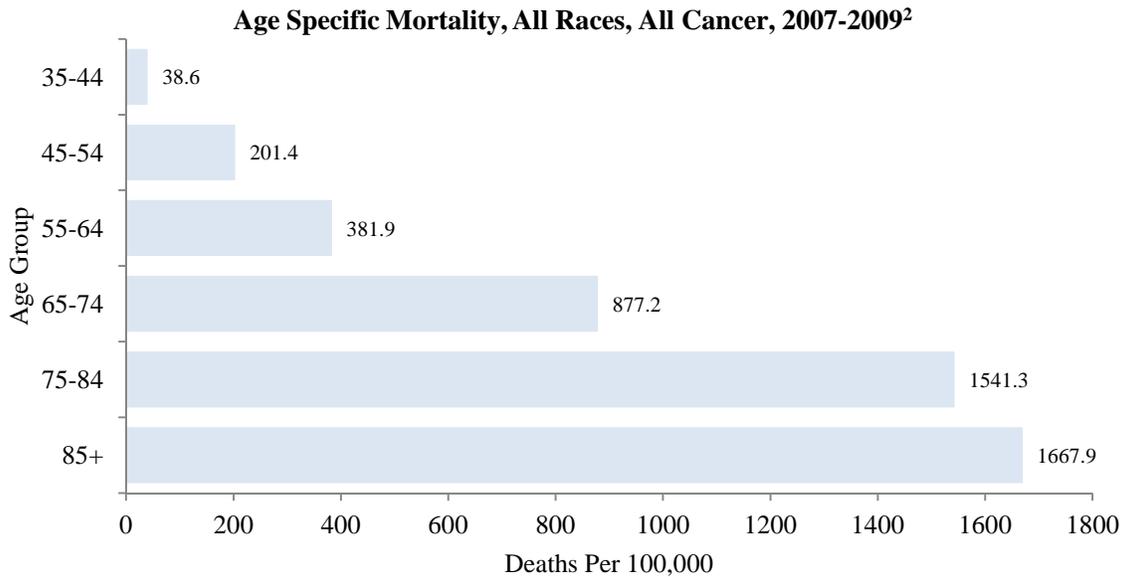
^ Indicates data has been suppressed due to small numbers.

Cancer



Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black | Female | Male |
|-------------------------|-------|-------|-------|--------|-------|
| Incidence (per 100,000) | 549.2 | 543.9 | 873.2 | 465.1 | 668.9 |
| Mortality (per 100,000) | 213.6 | 212.5 | ^ | 175.6 | 278.9 |

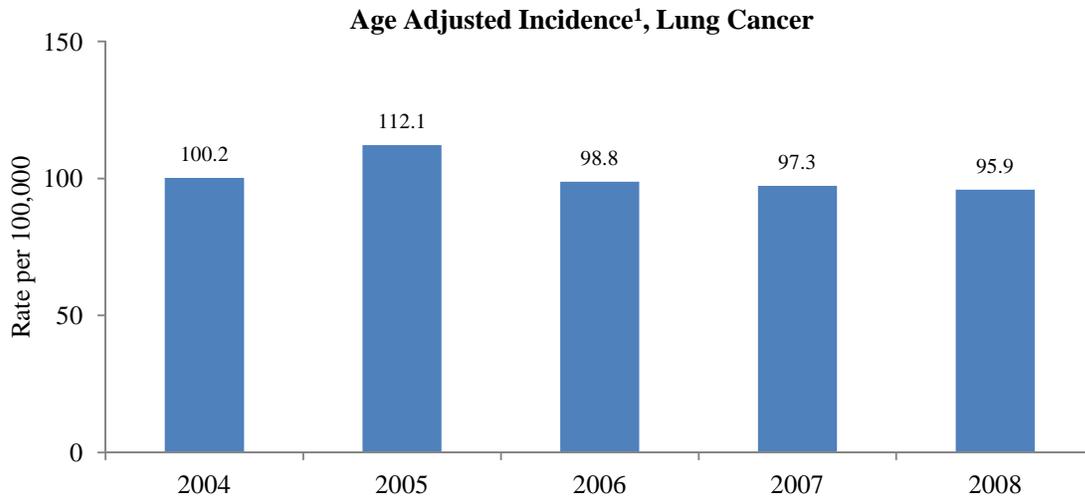


¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

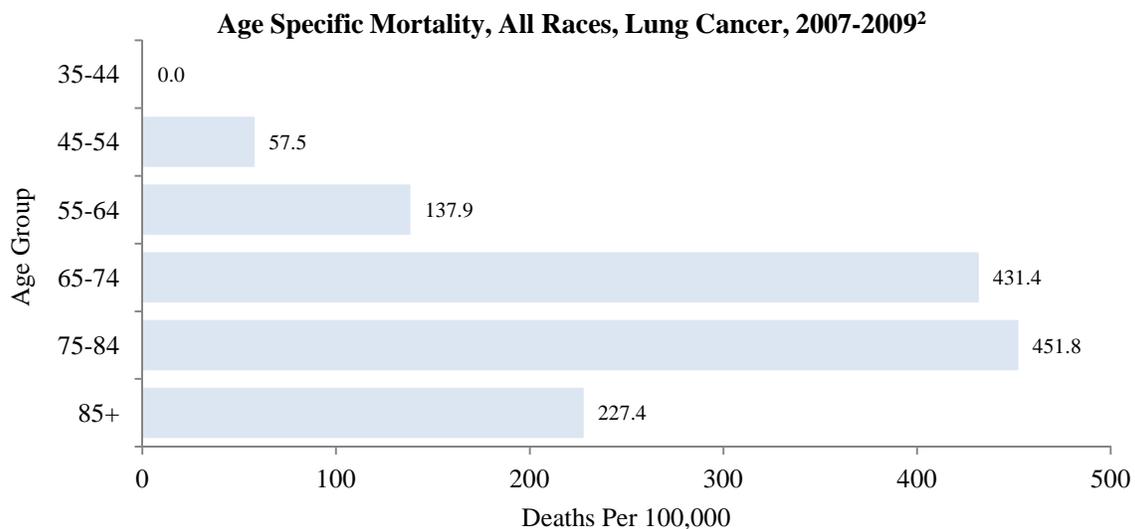
^ Indicates data has been suppressed due to small numbers.

Lung Cancer



Lung Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black | Female | Male |
|-------------------------|-------|-------|-------|--------|-------|
| Incidence (per 100,000) | 100.9 | 101.1 | ^ | 69.2 | 145.1 |
| Mortality (per 100,000) | 72.5 | 71.4 | ^ | 51.0 | 104.7 |



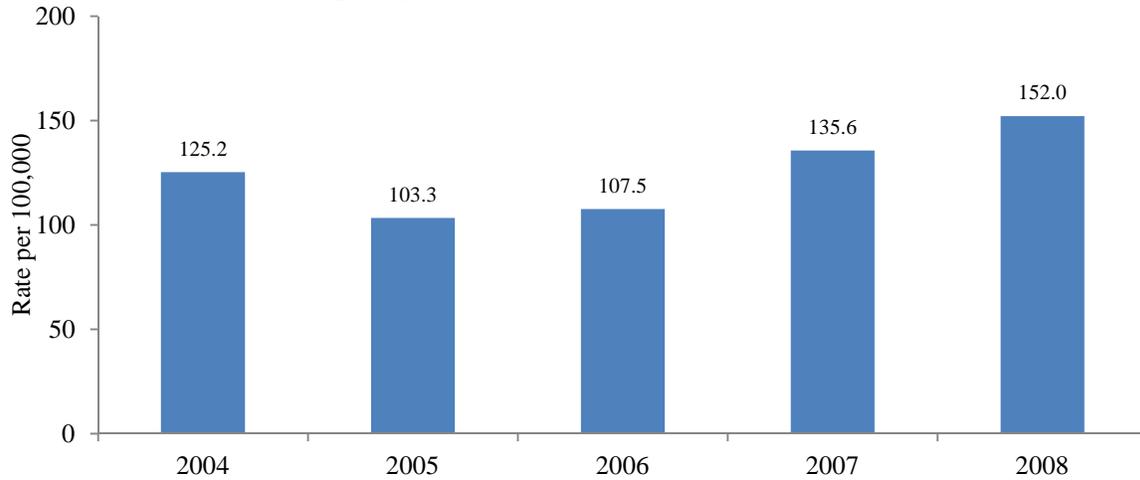
¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

Breast Cancer

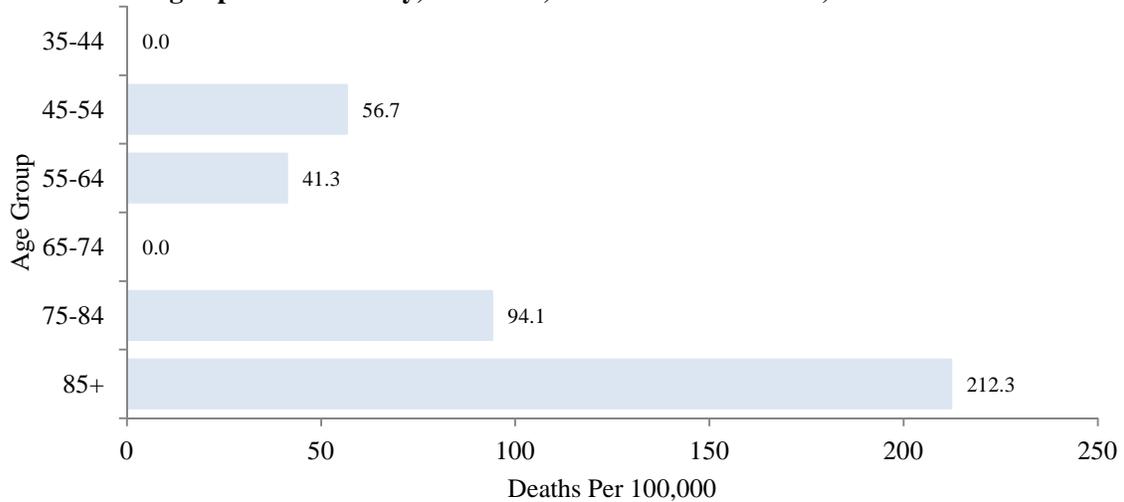
Age Adjusted Incidence¹, Female Breast Cancer



Female Breast Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black |
|-------------------------|-------|-------|-------|
| Incidence (per 100,000) | 125.0 | 121.4 | ^ |
| Mortality (per 100,000) | 22.5 | 20.7 | ^ |

Age Specific Mortality, All Races, Female Breast Cancer, 2007-2009²

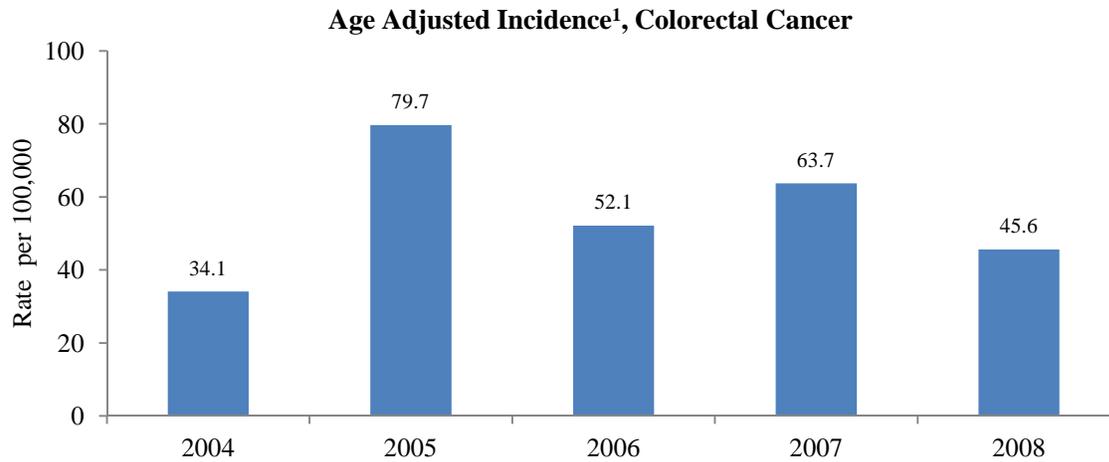


¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

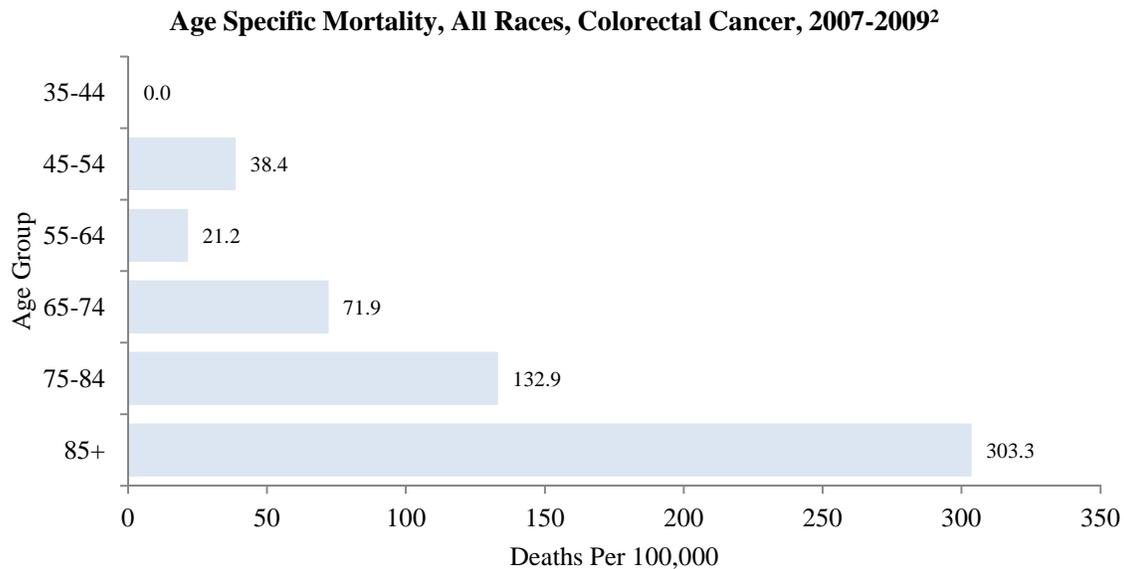
^ Indicates data has been suppressed due to small numbers.

Colorectal Cancer



Colorectal Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black | Female | Male |
|-------------------------|-------|-------|-------|--------|------|
| Incidence (per 100,000) | 54.8 | 52.0 | ^ | 49.1 | 63.3 |
| Mortality (per 100,000) | 19.0 | 18.7 | ^ | 14.0 | 26.7 |

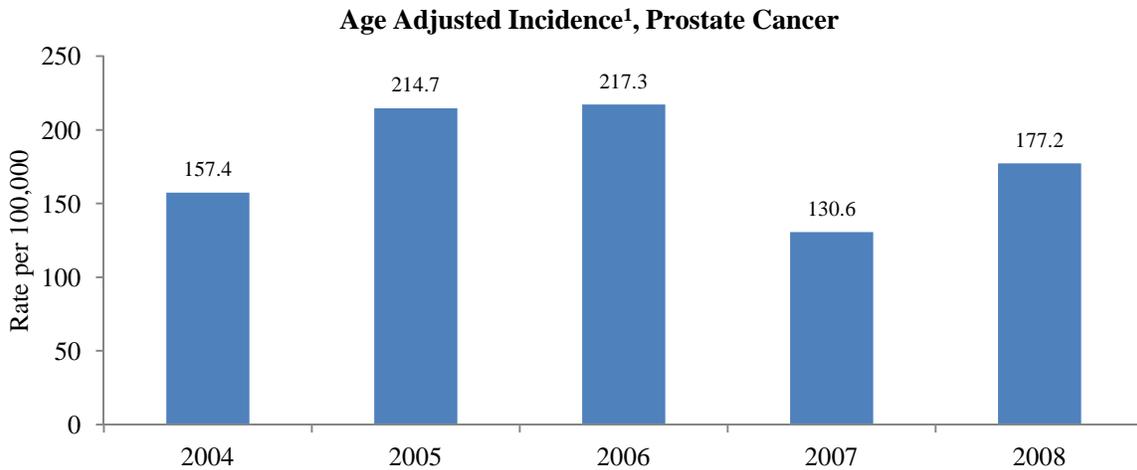


¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

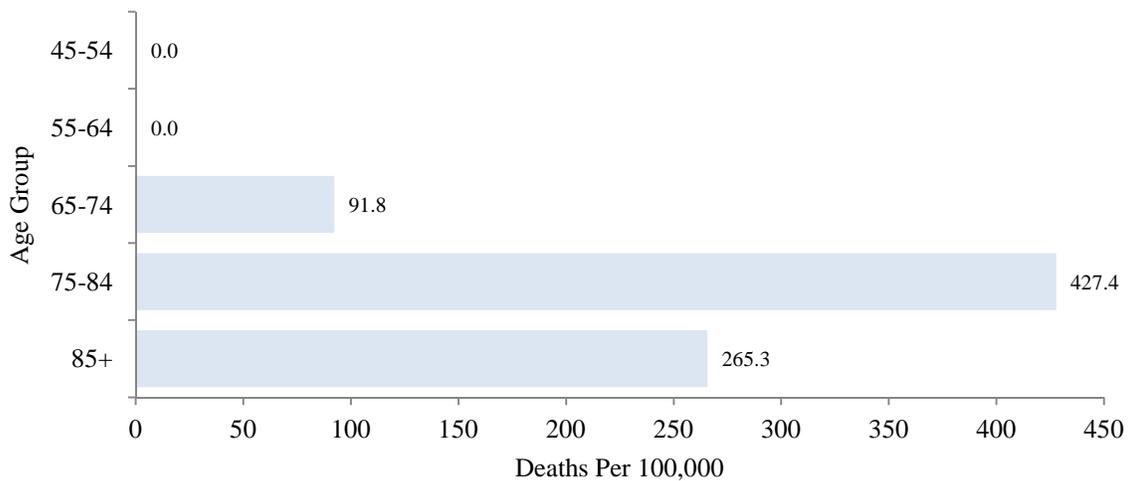
Prostate Cancer



Prostate Cancer Incidence¹ and Mortality¹, 2004-2008

| | Total | White | Black |
|-------------------------|-------|-------|-------|
| Incidence (per 100,000) | 178.9 | 175.6 | ^ |
| Mortality (per 100,000) | 35.2 | 33.7 | ^ |

Age Specific Mortality, All Races, Prostate Cancer, 2007-2009²



¹Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

²Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

Technical Notes

Data Sources

American Community Survey (ACS)

The American Community Survey is an ongoing survey administered by the U.S. Census Bureau that captures information related to demographic, socioeconomic status, employment status, and housing status. ACS data presented in this report represent a five year average over the time period 2005-2007 unless otherwise noted. Demographic indicator definitions are as follows:

- Percent high school graduates: adults aged 18 and over that have completed high school, including those that have completed an education beyond high school.
- Poverty: families and individuals who are identified as having income at or below the 100% federal poverty level. <http://www.census.gov/acs>.

State Tobacco Activities Tracking and Evaluation (STATE) System

The STATE System is an electronic data warehouse maintained by the Centers of Disease Control and Prevention (CDC) in the Office on Smoking and Health (OSH), National Center for Chronic Disease Prevention and Health Promotion. It contains up-to-date and historical state-level data on tobacco use prevention and control.

<http://www.cdc.gov/tobacco/statesystem>.

Tennessee Incident Based Reporting System (TIBRS)

TIBRS is an incident based reporting system that collects data on crimes that occur in the State of Tennessee. All law enforcement agencies, including colleges and universities, report monthly crime statistics to TIBRS. Population estimates used for calculating crime rates were taken from the 2010 U.S. Census. Crime statistics in this report include any crimes against persons, properties, or society. <http://www.tennesseecrimeonline.com/tibrspublic2005>.

Tennessee Population Estimates

The population estimates used to calculate rates for incidence, mortality, hospitalization and teen pregnancy were the 2003 Population Estimates and Projections, 2008 Revision, from the Tennessee Department of Health's Division of Health Statistics.

Tennessee Death Statistical System (DSS)

The DSS is an annual, state-based compilation of mortality data. Analyses were based on underlying cause of death and were limited to Tennessee residents. The DSS was used to calculate infant mortality, automobile accident mortality, leading causes of death, age-specific mortality for selected chronic diseases and mortality time trends for non-cancer chronic diseases. An infant death is defined as one that occurs before one year of age and infant mortality rates were calculated by dividing the number of infant deaths in a calendar year(s) by the number of live births registered for the same period of time. DSS data were provided by the Tennessee Department of Health's Division of Health Statistics.

Tennessee Birth Statistical System (BSS)

The BSS is an annual, state-based compilation of birth data. All data included in this report are for births to Tennessee residents that occurred both in and out of state. Data were collected on the 2003 revision of the Tennessee version of the U.S. Standard Certificate of Live Birth. The BSS was used to calculate teen pregnancy rate and to determine the denominator for infant mortality rates based on the DSS. BSS data were provided by the Tennessee Department of Health's Division of Health Statistics.

Hospital Discharge Data System (HDDS)

The HDDS is an annual, state-based compilation of data on patients discharged from all acute care hospitals licensed by the Tennessee Department of Health. The HDDS does not include federal facilities (i.e., VA hospitals, etc.) or facilities licensed by the Tennessee Department of Mental Health and Developmental Disabilities. Analyses were based on primary diagnosis and were limited to the records of Tennessee residents. HDDS data were provided by the Tennessee Department of Health's Division of Health Statistics.

Tennessee Cancer Registry (TCR)

Cancer incidence data contain records of cases of primary cancer that were first diagnosed among Tennessee residents between January 1, 2004 and December 31, 2008, and that were reported to the TCR as of December 2010. Cases with unknown race (732 cases) were included in the “All Races” category. Seven cases with gender reported as hermaphrodite or transsexual and twelve cases with unknown age were excluded from all analyses. TCR data were provided by the Tennessee Department of Health’s Office of Cancer Surveillance.

Behavioral Risk Factor Surveillance System (BRFSS)

The BRFSS is an annual, state-based, random-digit-dialed telephone survey of the U.S. non-institutionalized population, 18 years of age and older, which gathers self-reported data on certain health conditions and behavioral risk factors. BRFSS data were used to calculate time trends and prevalence for many of the behavioral risk factors presented in this report. Risk factor definitions are as follows:

- Overweight: body mass index (BMI) greater than or equal to 25 and less than 30.
- Obese: BMI greater than or equal to 30.
- Meeting physical activity recommendations: participating in either moderate physical activity for 30 or more minutes per day on five or more days per week, or vigorous activity for 20 or more minutes per day on three or more days per week.
- Current cigarette smokers: individuals who have smoked at least 100 cigarettes in their lifetime and who now smoke everyday or some days.
- Heavy drinking: men having more than two drinks per day or women having more than one drink per day.
- Binge drinking: men having five or more drinks on one occasion or women having four or more drinks on one occasion.
- Ever had asthma: having ever been told by a doctor, nurse, or other health care professional you have asthma.
- Currently having asthma: having been told by a doctor, nurse, or other health care professional you have asthma and still having asthma at the time of the survey.

Definition of Terms

Disease classifications

For mortality data through 1998 and hospital discharge data for all years the International Classification of Diseases, 9th Revision (ICD-9) was used; for mortality data after 1999 the ICD-10 was used; for cancer incidence data International Classification of Diseases Oncology, 3rd Revision (ICD-O3) was used.

List of the International Classification of Diseases codes for select diseases:

| Disease Category | ICD-10 | ICD-9 | ICD-O3 |
|---|--|----------------------------|----------------------------------|
| All cancers | C00-C97 | 140-208 | C00.0-C80.9 |
| Colorectal cancer | C18-C21 | 153-154 | C18.0-C18.9, C19.9, C20.9, C26.0 |
| Lung cancer | C33-C34 | 162 | C34.0-C34.9 |
| Breast cancer (Female) | C50 | 174 | C50.0-C50.9 |
| Prostate cancer | C61 | 185 | C61.9 |
| Diabetes mellitus | E10-E14 | 250 | N/A |
| Heart disease | I00-I09, I11, I13, I20-I51 | 390-398, 402, 404, 410-429 | N/A |
| Stroke | I60-I69 | 430-434, 435, 436-438 | N/A |
| Chronic lower respiratory diseases (CLRD) | J40-J47 | 490-494, 496 | N/A |
| Automobile accidents | 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 | E810-E825 | N/A |

Race and ethnicity

For BSS, DSS and HDDS data the terms “white” and “black” refer to persons of any ethnicity.

For BRFSS and U.S. Census data, the terms “NH white” and “NH black” refer to persons of non-Hispanic origin only, and the term “Hispanic” refers to persons of Hispanic ethnicity regardless of race.

Leading causes of death ranking

Leading causes of death for the total population are listed in tables. The number of deaths is the total number of deaths over the time period 2007-2009. The age-adjusted mortality rate is the average over the time period 2007-2009. A color code key was used to highlight the top five leading causes of death for each demographic group: total, white, black, female, and male. Ranks were based on number of deaths; however only diseases that appear in the top 10 leading causes of death for the total population are shown and/or highlighted for demographic subgroups. In most cases, the top five leading causes of death among demographic subgroups fall within the leading causes of death for the total population.

Site-specific cancers

Due to small numbers of site-specific (i.e. lung, female breast, colorectal, prostate) cancer deaths in most counties, county-level mortality time trends are not presented. Cancer incidence data were suppressed when there were only 1-9 cases. Cancer incidence time trends were presented for counties where at least three years of data were not suppressed.

Teen pregnancy

Teen pregnancy was defined as pregnancies among females aged 15-19 and was reported as rate per 1,000. The number of pregnancies was the sum of live births, reportable fetal deaths, and reported induced abortions. Teen pregnancy data were provided by Tennessee Department of Health, Division of Health Statistics.

Ranking

Regional and county rankings for select indicators are in descending order, where a rank of 1 indicates the highest value for that indicator among all regions or counties.

Age-adjusted rate

Cancer incidence and mortality rates were age-adjusted to the 2000 U.S. standard population with 5-year age intervals (19 age groups) except for age-specific rates. Counting of cases and calculation of rates were performed in SEER*STAT 7.0.4.

Mortality rates for other diseases and hospitalization rates for all diseases were age-adjusted to the 2000 U.S. standard population with 10-year age intervals (11 age groups) unless indicated otherwise. Counting of cases and calculation of rates were performed using the SAS 9.2 software.

Suppression of data

Rates were suppressed for all conditions in which the population at risk was less than 100 persons. For cancer incidence data, rates were suppressed if the count was between 1 and 9 cases. Suppression of data is represented by a ‘^’ symbol. A rate of ‘0’ indicates that there were no events.