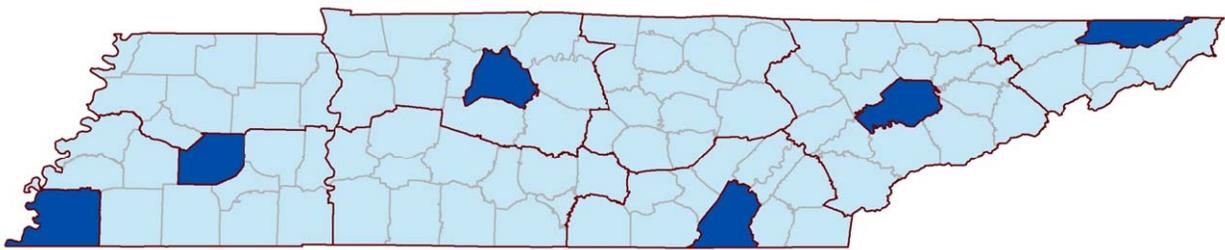


# CHRONIC DISEASE HEALTH PROFILE REGIONS AND COUNTIES: TENNESSEE

## METROPOLITAN COUNTIES



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



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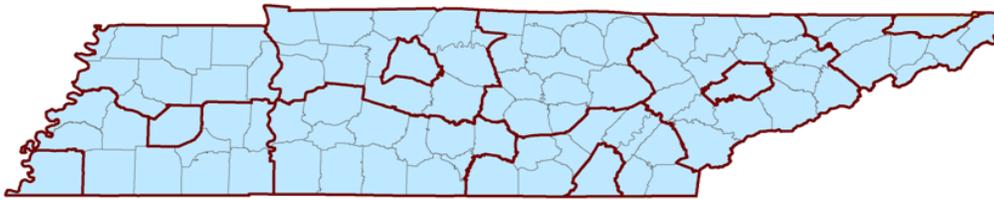
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## Demographics



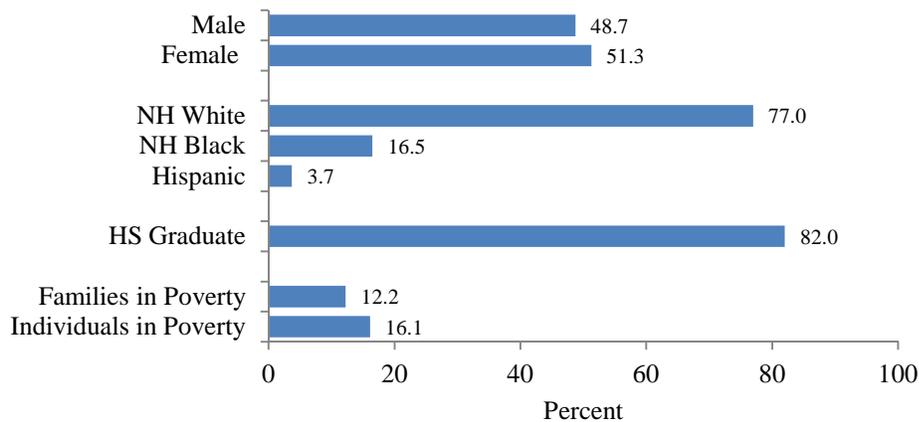
## Quick Facts

Median Age<sup>1</sup>: 37.3  
 Median Income<sup>1</sup>: \$42,943  
 Home Ownership<sup>1</sup>: 72.0%  
 Unemployment<sup>1</sup>: 7.9%  
 Crime Rate<sup>2</sup> (per 1,000): 91.9  
 Teen Pregnancy Rate<sup>3</sup> (per 1,000)  
     Overall: 63.4  
     White: 52.4  
     Black: 103.3  
 Infant Mortality<sup>4</sup> (per 1,000)  
     Overall: 8.1  
     White: 5.6  
     Black: 15.2  
 Automobile Accident  
 Deaths<sup>4</sup> (per 100,000): 18.7

### Population by Age, Gender and Race, 2005-2009<sup>1</sup>

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, 2005-2009<sup>1</sup>



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

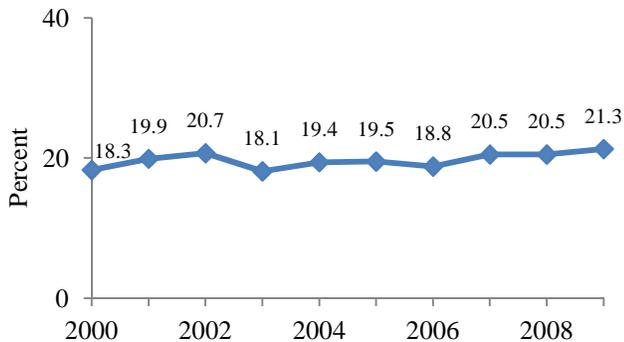
<sup>2</sup>Data Source: Tennessee Bureau of Investigation. "Tennessee Incident Based Reporting System (TIBRS)" accessed July 26, 2011. <http://www.tennesseeonline.com/tibrspublic2005>, 2007-2009.

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

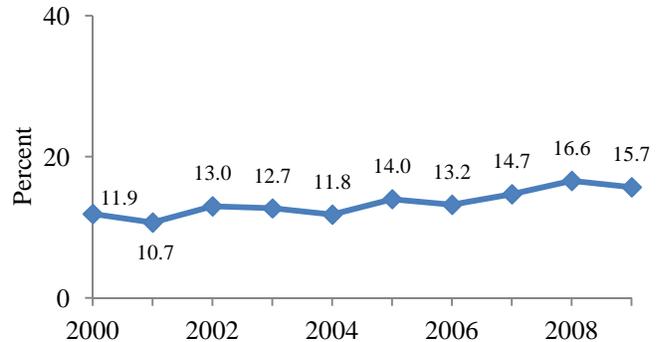
<sup>4</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics, 2007-2009.

## General Health

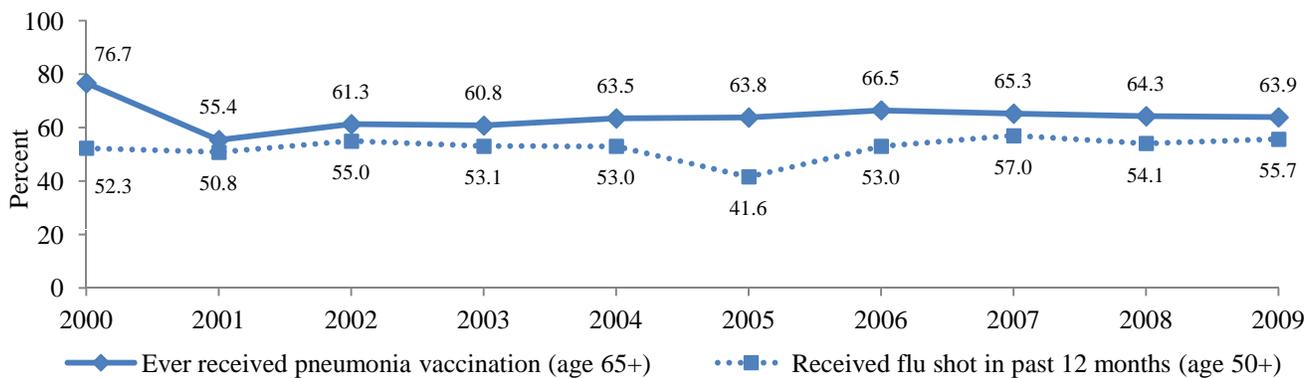
### "Fair/Poor" Health<sup>1</sup>



### Lacking Health Insurance<sup>1</sup>



### Pneumonia and Influenza Vaccination Status<sup>1</sup>



### Prevalence for General Health Indicators Among Tennessee Adults 18+, 2009<sup>1</sup>

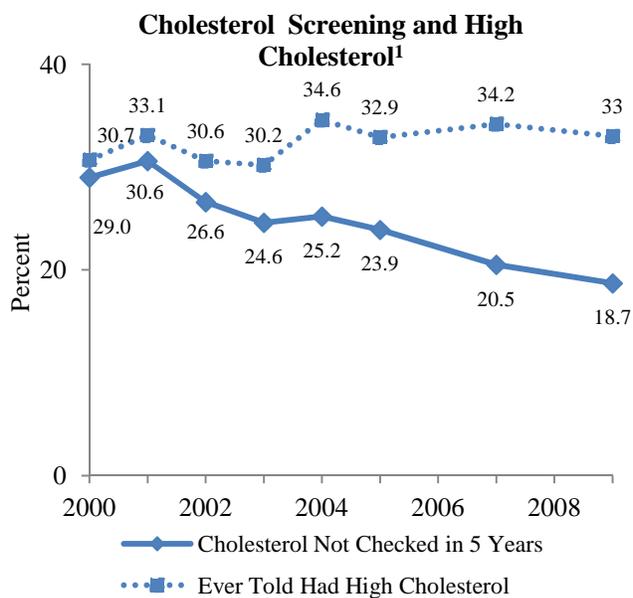
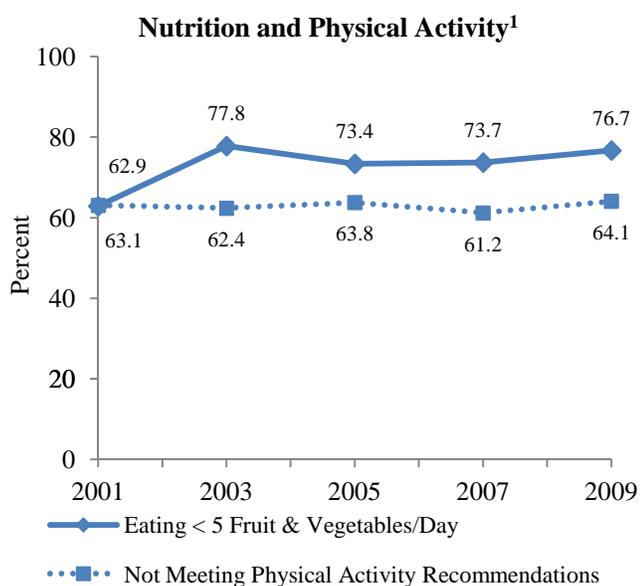
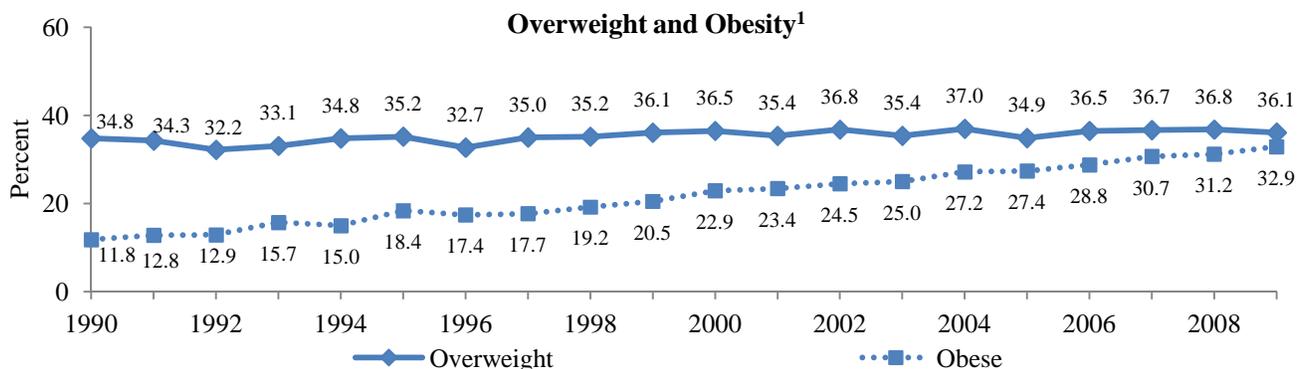
Indicator	Total	NH White	NH Black	Female	Male
Fair/Poor Health Status (%)	21.3	22.1	20.6	22.4	20.1
Lacking Health Insurance (%)	15.7	14.2	20.0	12.9	18.9
Ever Received Pneumonia Vaccination <sup>2</sup> (%)	63.9	66.1	44.5	65.3	62.0
Received Flu Shot in Past 12 Months <sup>3</sup> (%)	55.7	57.2	43.7	56.6	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

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

<sup>2</sup>Age 65+.

<sup>3</sup>Age 50+.

## Behavioral Risk Factors

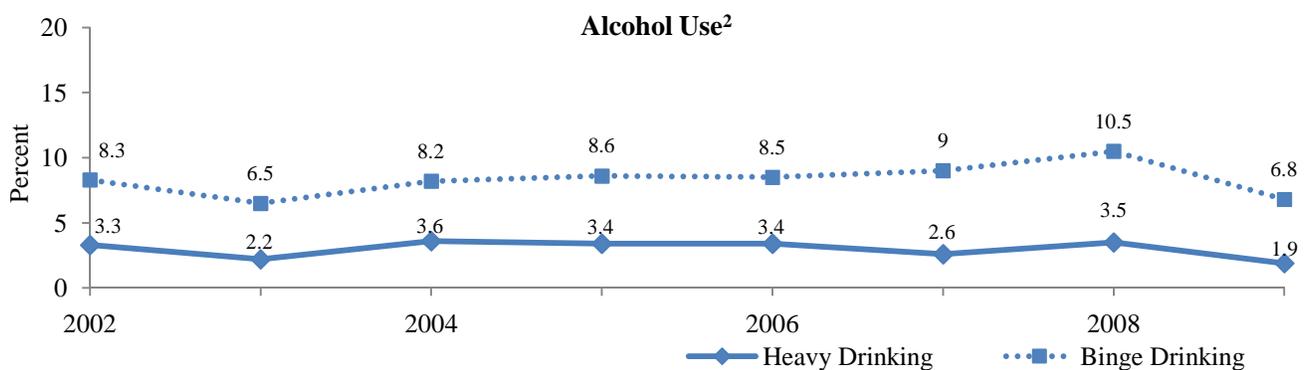
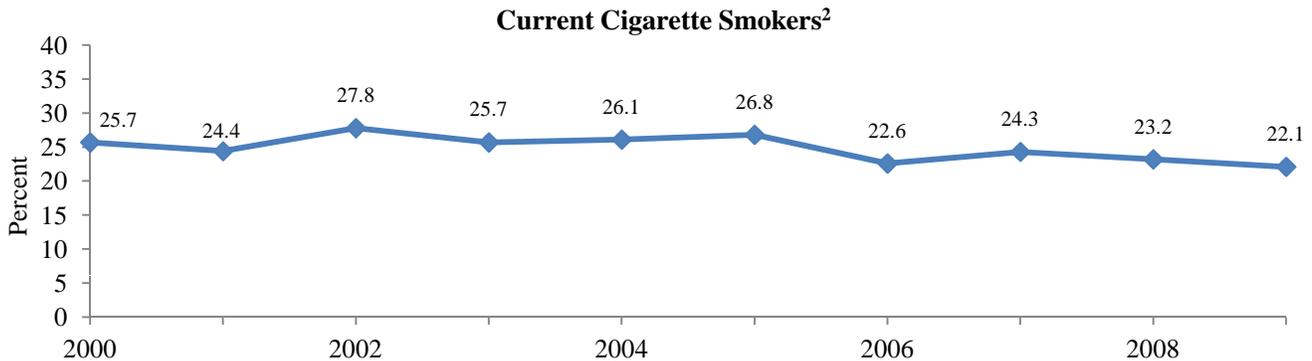
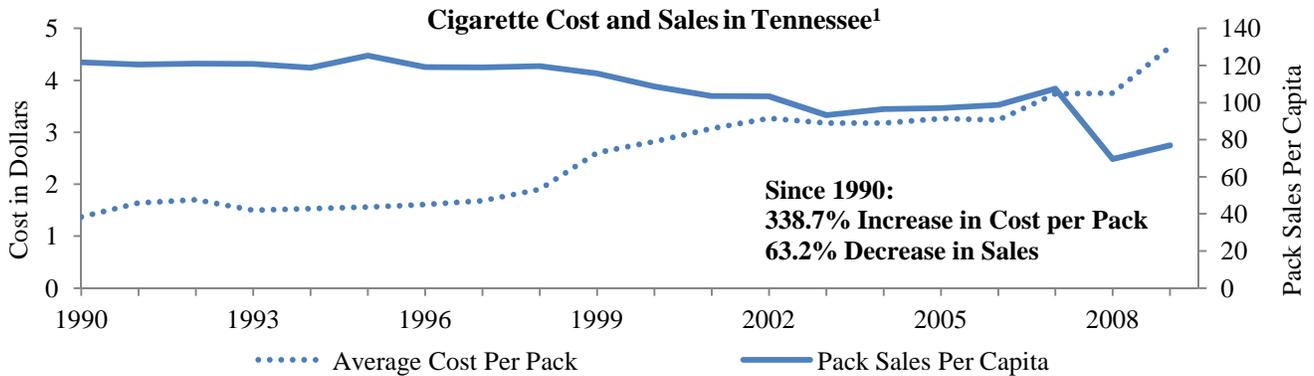


### Prevalence for Behavioral Risk Factors Among Tennessee Adults 18+, 2009<sup>1</sup>

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

<sup>1</sup>Data 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+, 2009<sup>2</sup>**

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

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

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

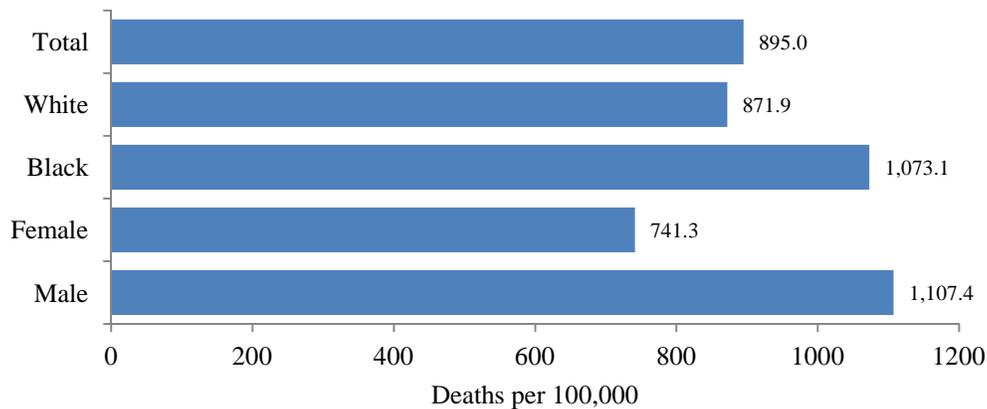
## Leading Causes of Death

### Leading Causes of Death, Tennessee, 2007-2009<sup>1</sup>

Rank <sup>2</sup>	Cause	# Deaths	Age Adjusted Mortality Rate <sup>3</sup> 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
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### All Cause Mortality by Race, Tennessee, 2007-2009<sup>1</sup>

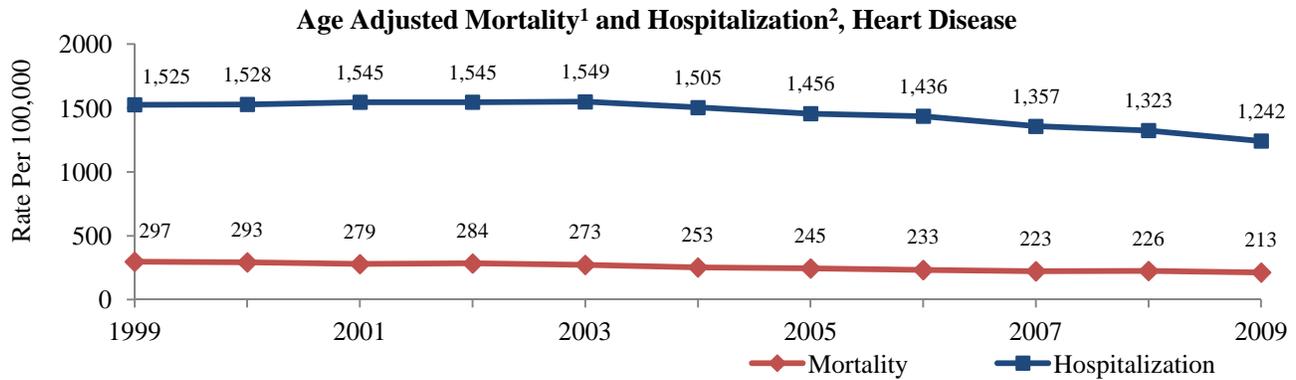


<sup>1</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjusted to the 2000 standard US population.

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

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

## Heart Disease

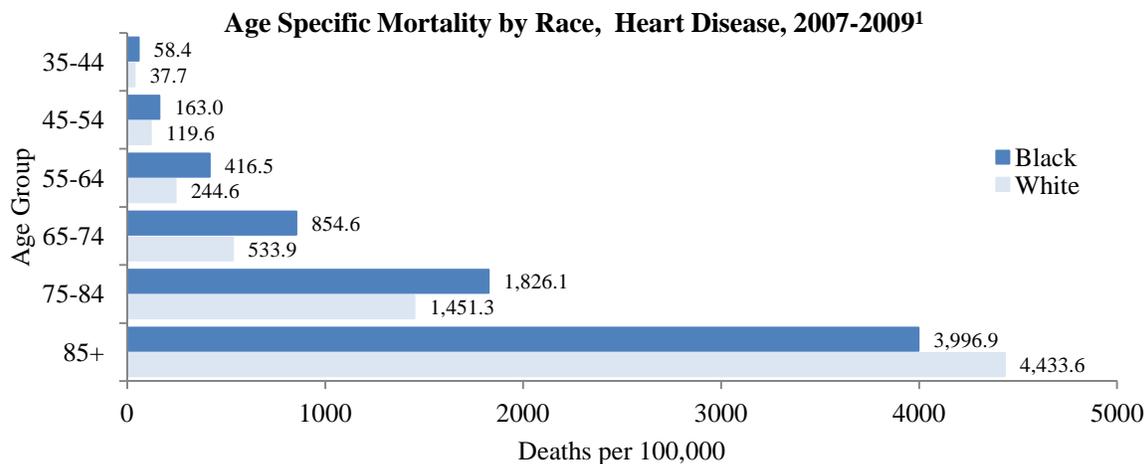


### Heart Disease Mortality<sup>1</sup>, Hospitalization<sup>2</sup>, 2007-2009

	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 Prevalence<sup>3</sup>, 2009

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



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

<sup>2</sup>Data 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.

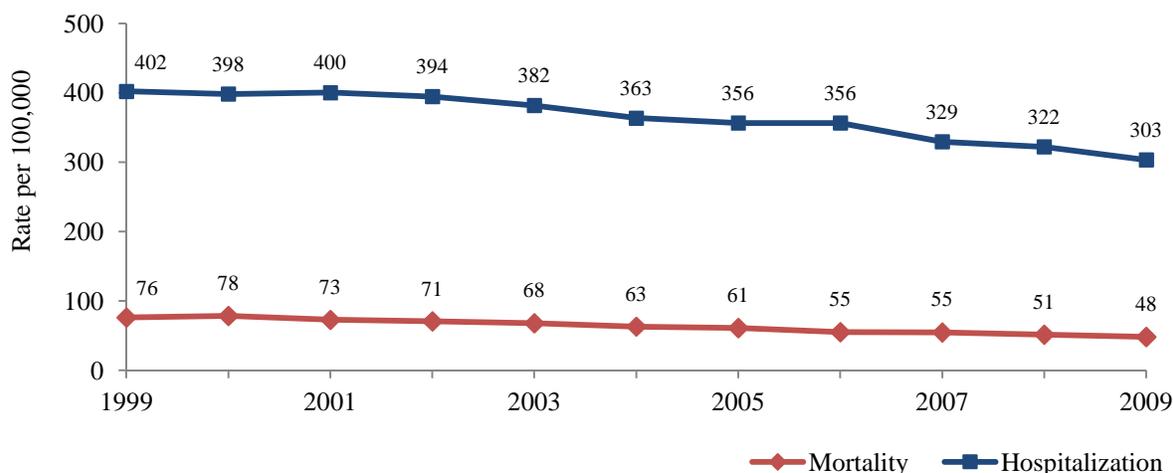
<sup>3</sup>Data Source: Tennessee Behavioral Risk Factor Surveillance System (BRFSS). Statistics are for 18+ unless indicated otherwise.

<sup>4</sup>MI= Myocardial Infarction.

<sup>5</sup>CHD=Coronary Heart Disease.

## Stroke

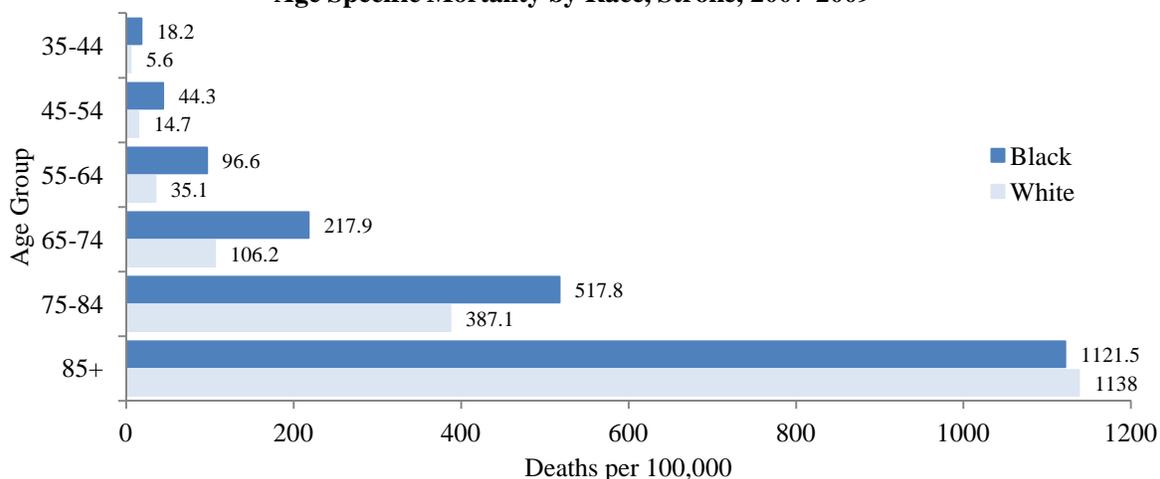
### Age Adjusted Mortality<sup>1</sup> and Hospitalization<sup>2</sup>, Stroke



### Stroke Mortality<sup>1</sup>, Hospitalization<sup>2</sup>, and Prevalence<sup>3</sup>, 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 <sup>4</sup> (%)	3.0	3.1	3.4	3.7	2.2

### Age Specific Mortality by Race, Stroke, 2007-2009<sup>1</sup>



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

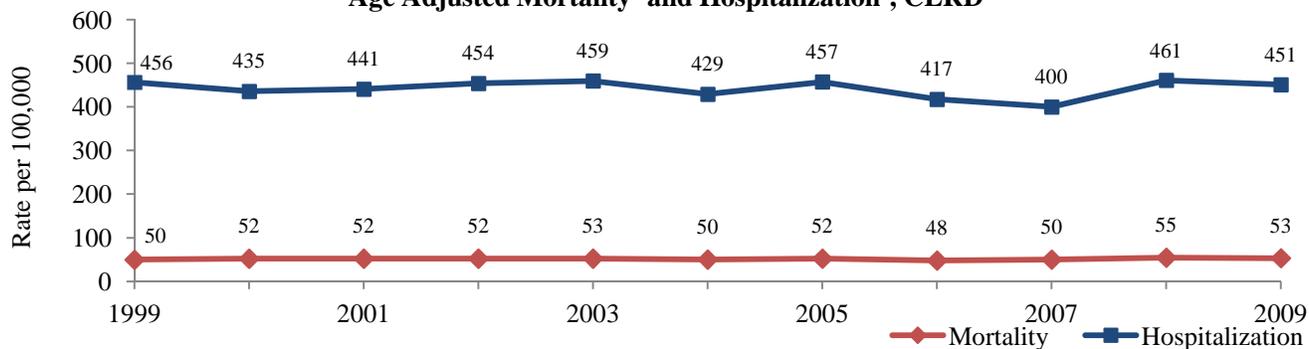
<sup>2</sup>Data Source: Hospital Discharge Data System, Tennessee Department of Health, Division of Health Statistics, 2007-2009. Data are for discharges, not necessarily for unique patients and are calculated for all ages. Age adjusted to the 2000 standard US population.

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

<sup>4</sup>2009 data, NH white and NH black race groups.

## CLRD<sup>1</sup>

### Age Adjusted Mortality<sup>2</sup> and Hospitalization<sup>3</sup>, CLRD



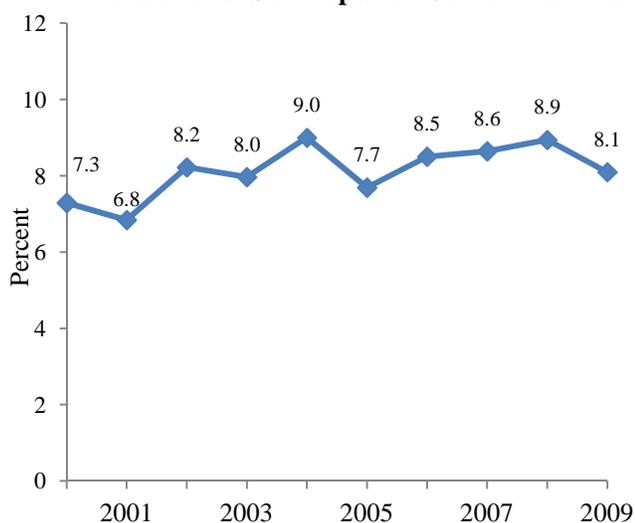
### Chronic Lower Respiratory Disease Mortality<sup>2</sup> and Hospitalization<sup>3</sup>, 2007-2009

	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

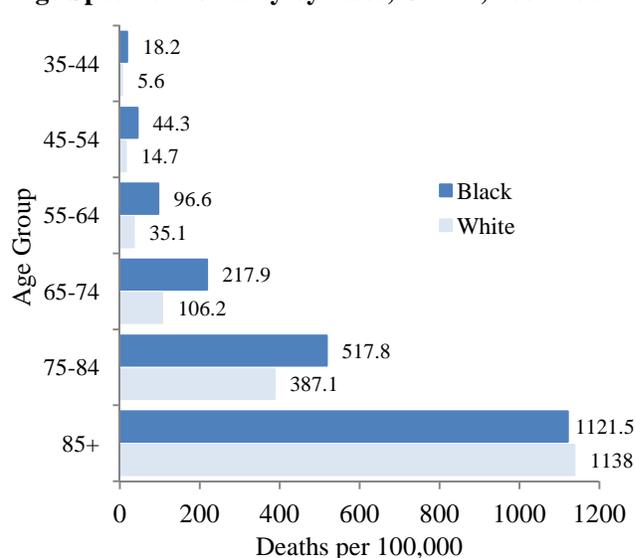
### Asthma Prevalence, 2009<sup>4</sup>

	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 Asthma<sup>4</sup>



### Age Specific Mortality by Race, CLRD, 2007-2009<sup>2</sup>



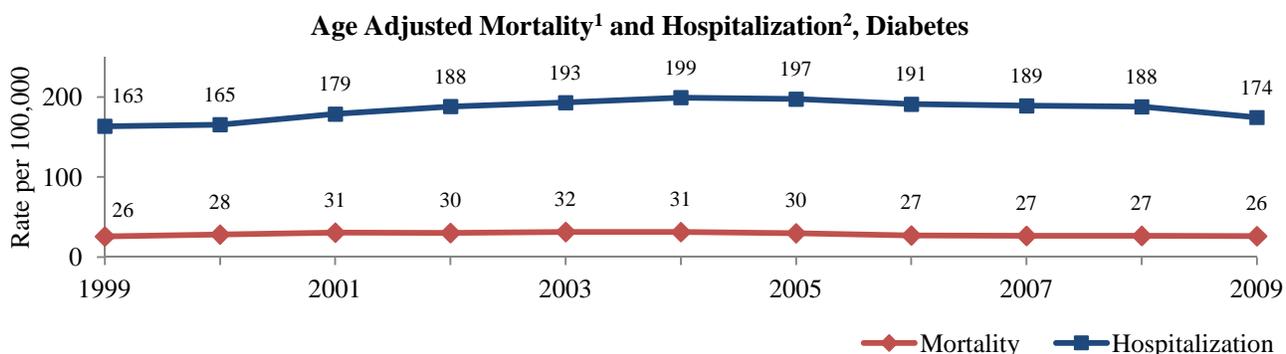
<sup>1</sup>CLRD= Chronic Lower Respiratory Disease.

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

<sup>3</sup>Data 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.

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

## Diabetes

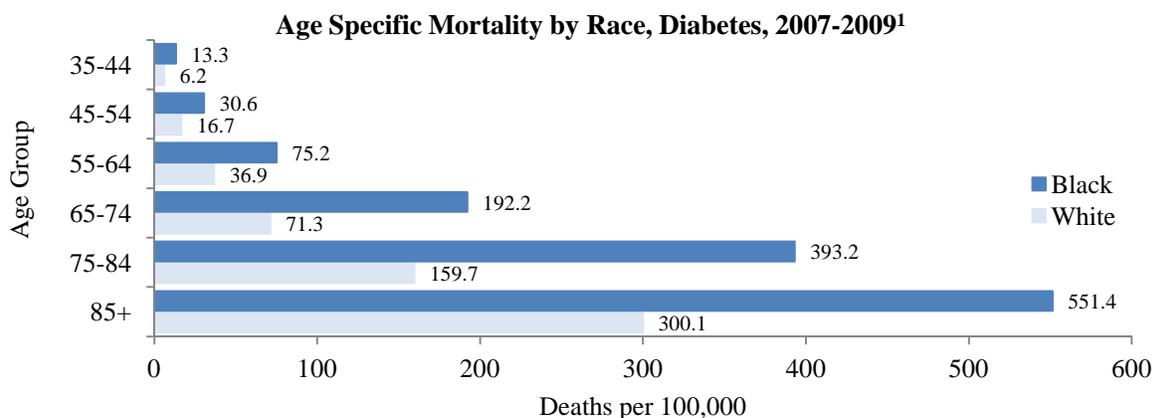


### Diabetes Mortality<sup>1</sup> and Hospitalization<sup>2</sup>, 2007-2009

	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 Prevalence<sup>3</sup> and Diabetes Management Indicators<sup>3</sup>, 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



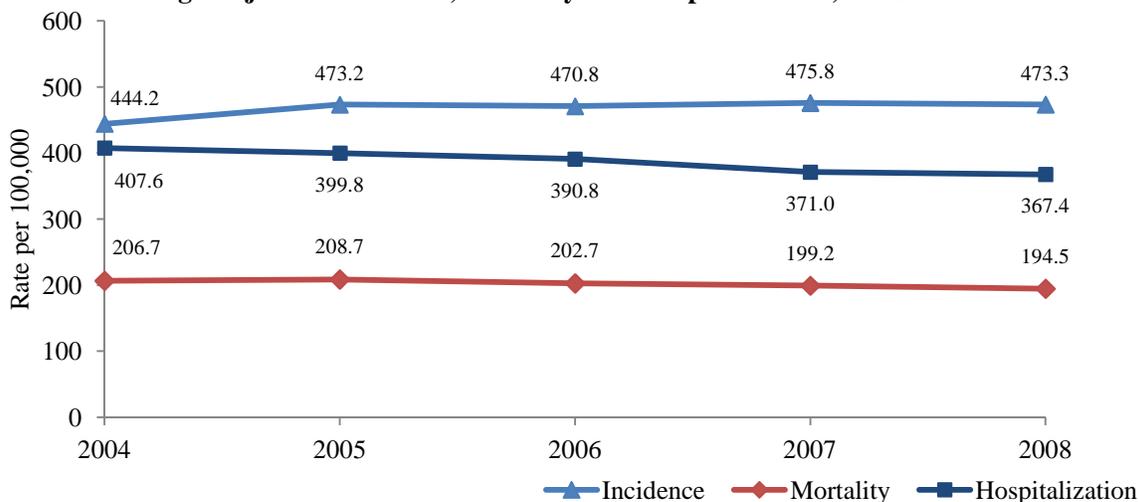
<sup>1</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

<sup>2</sup>Data 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.

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

## Cancer

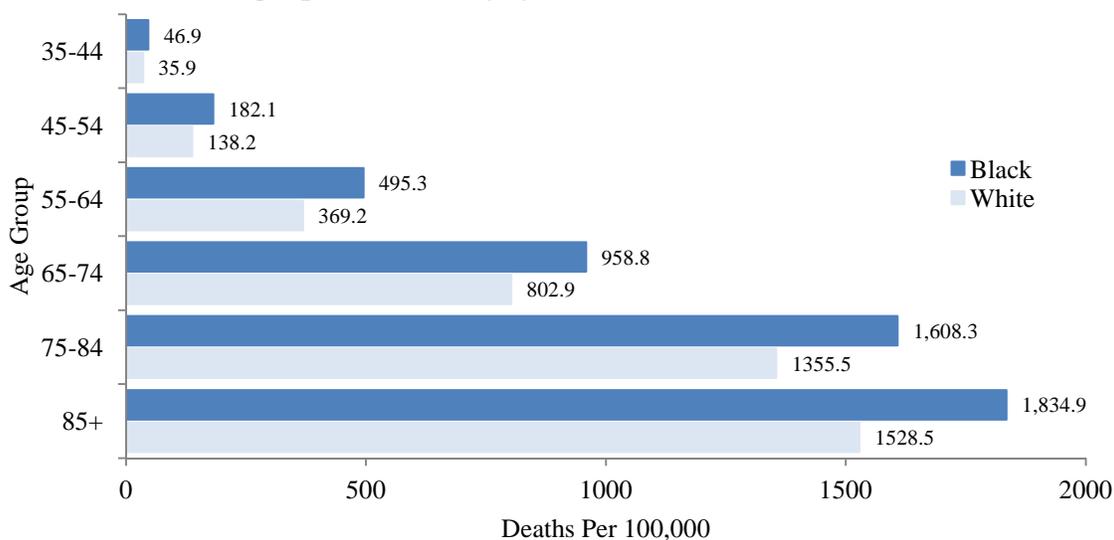
**Age Adjusted Incidence<sup>1</sup>, Mortality<sup>1</sup> and Hospitalization<sup>2</sup>, All Cancers**



**Cancer Incidence<sup>1</sup> and Mortality<sup>1</sup>, 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, 2007-2009<sup>3</sup>**

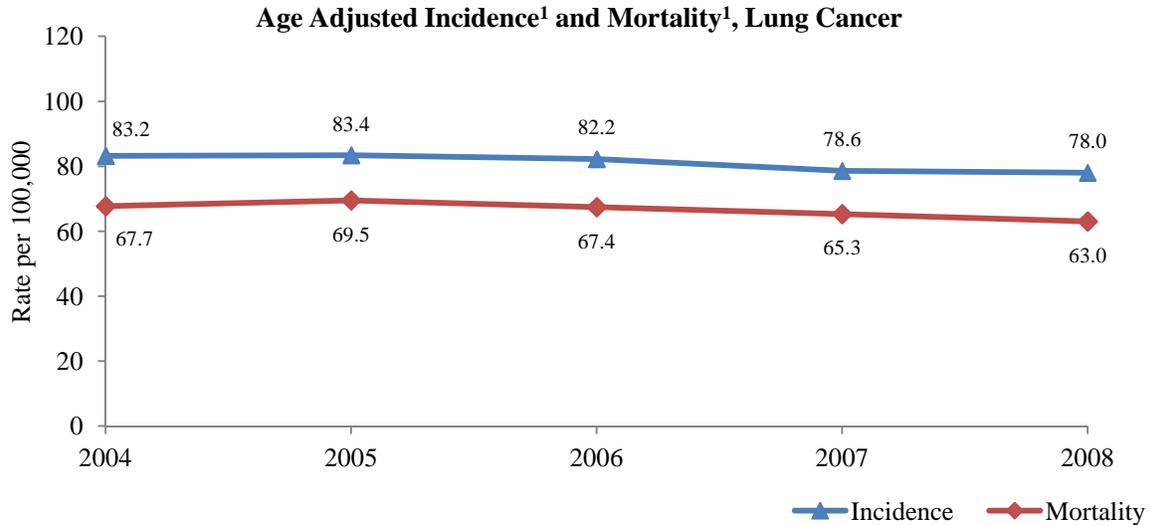


<sup>1</sup>Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

<sup>2</sup>Data 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.

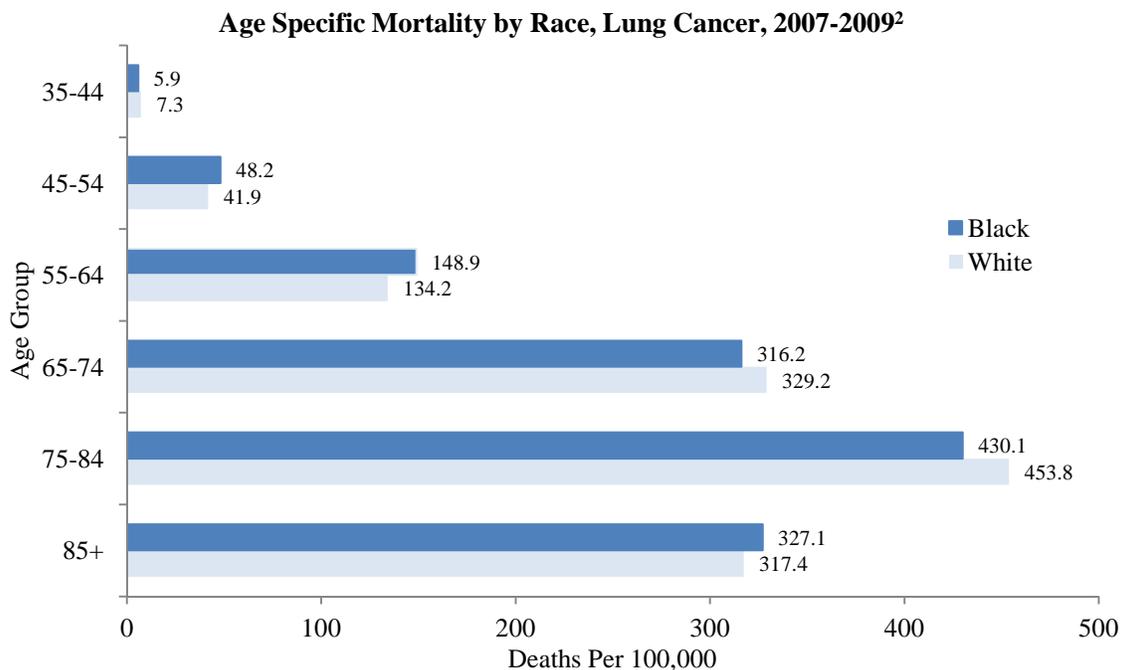
<sup>3</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

## Lung Cancer



**Lung Cancer Incidence<sup>1</sup> and Mortality<sup>1</sup>, 2004-2008**

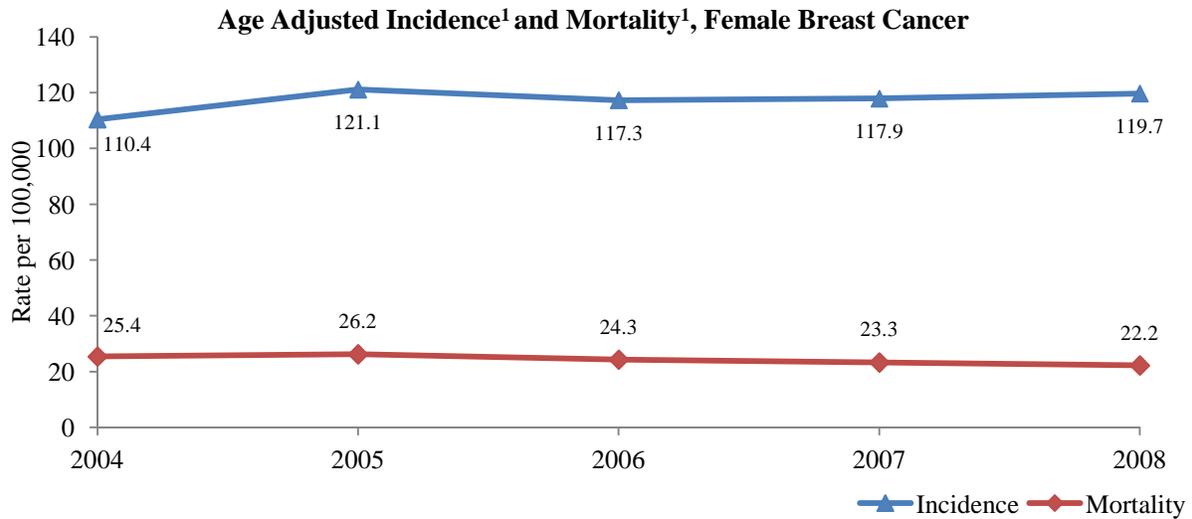
	Total	White	Black	Female	Male
Incidence (per 100,000)	81.0	81.7	77.8	60.8	108.8
Mortality (per 100,000)	66.5	66.5	66.5	66.5	66.5



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

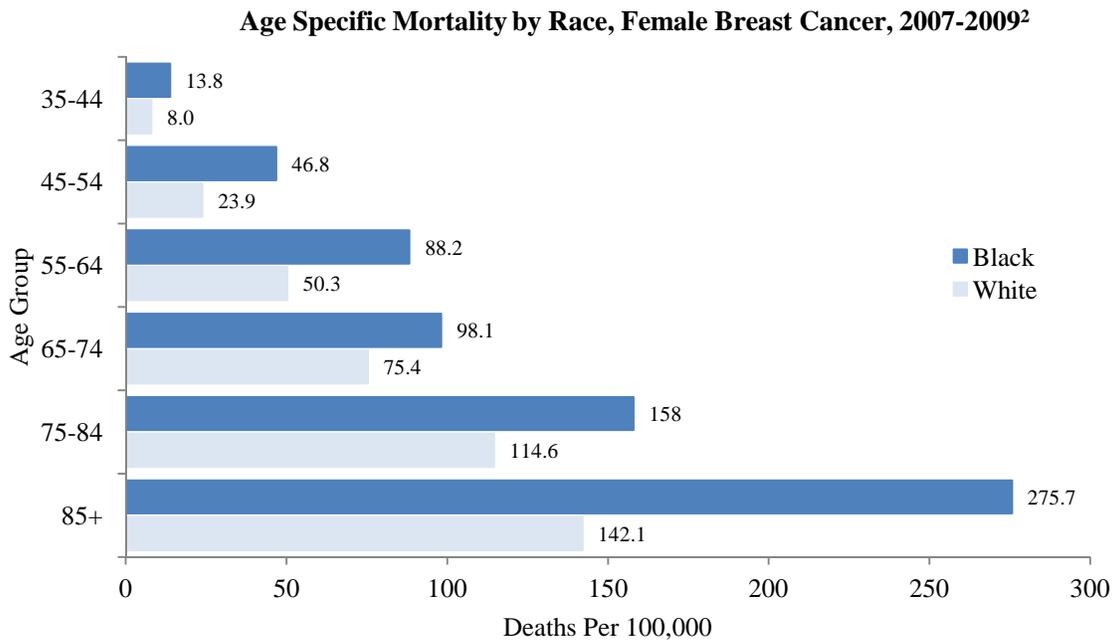
<sup>2</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

## Breast Cancer



**Female Breast Cancer Incidence<sup>1</sup> and Mortality<sup>1</sup>, 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

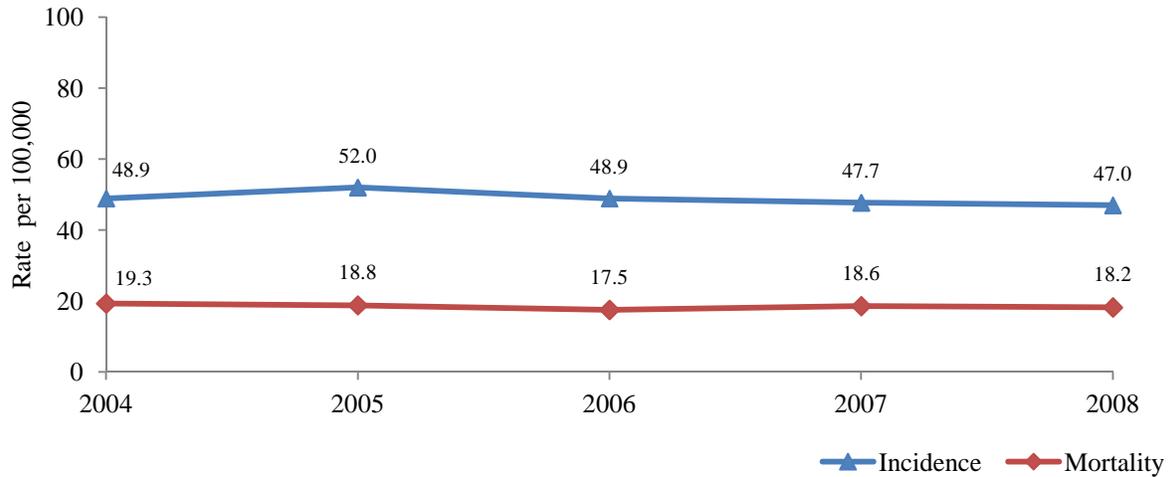


<sup>1</sup>Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

<sup>2</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

## Colorectal Cancer

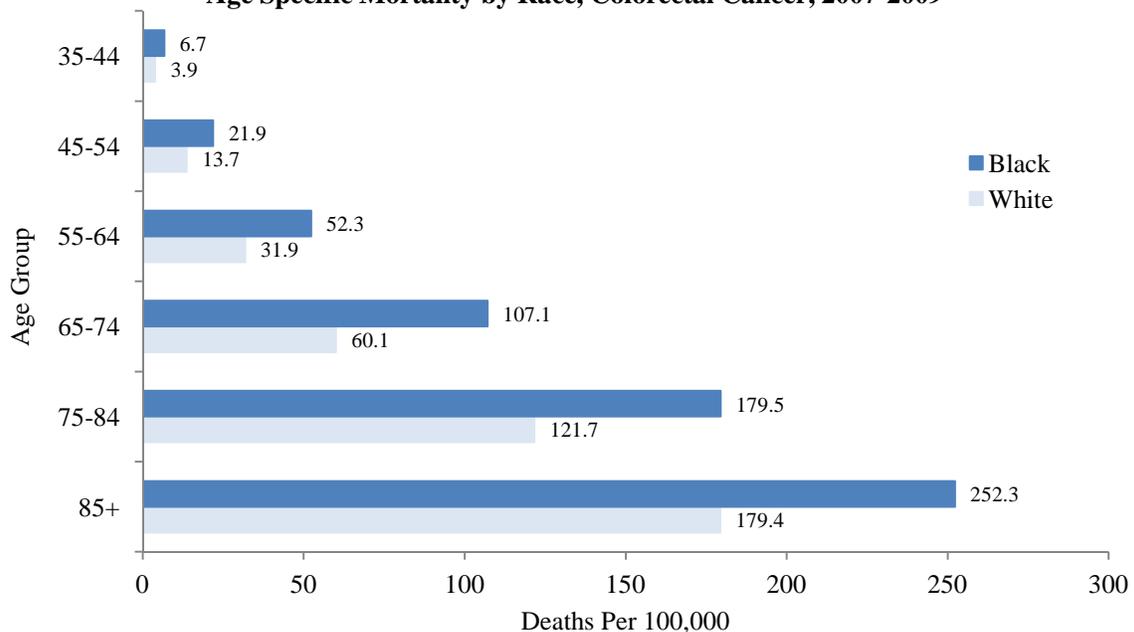
Age Adjusted Incidence<sup>1</sup> and Mortality<sup>1</sup>, Colorectal Cancer



Colorectal Cancer Incidence<sup>1</sup> and Mortality<sup>1</sup>, 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

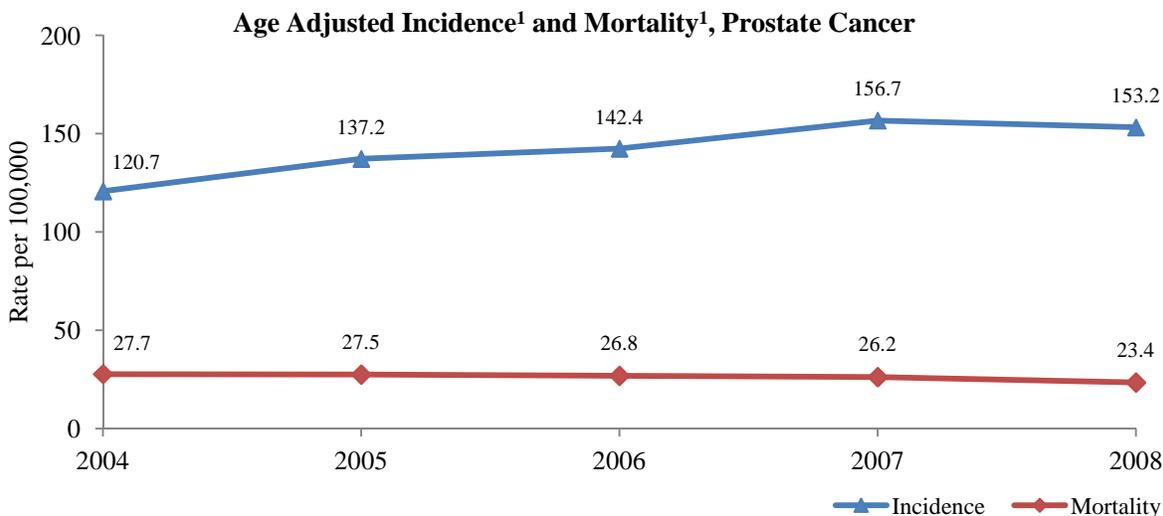
Age Specific Mortality by Race, Colorectal Cancer, 2007-2009<sup>2</sup>



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

<sup>2</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

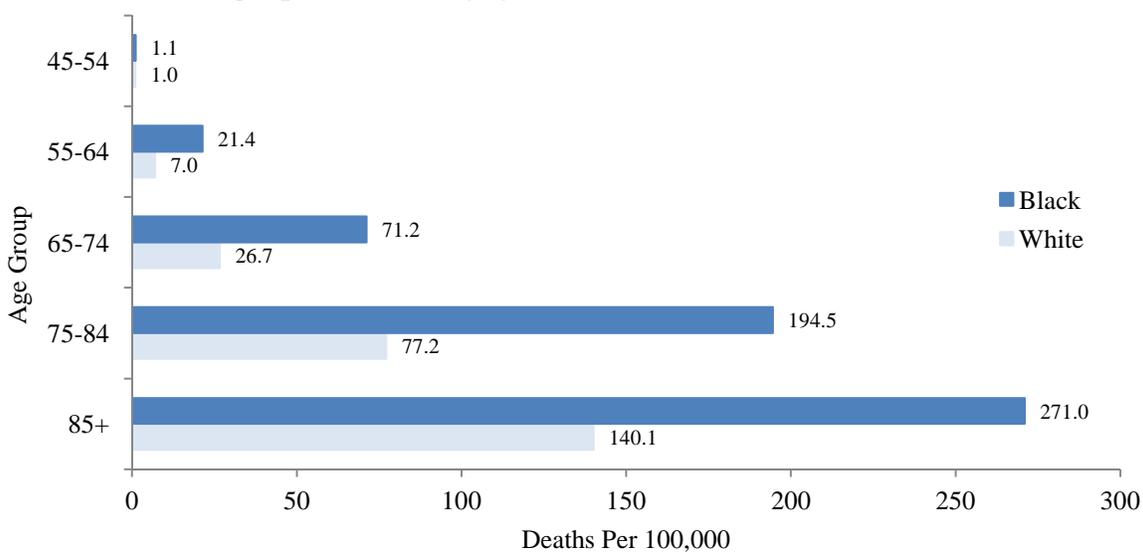
## Prostate Cancer



**Prostate Cancer Incidence<sup>1</sup> and Mortality<sup>1</sup>, 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, 2007-2009<sup>2</sup>**



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

<sup>2</sup>Data 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 <sup>1</sup>	6	5	13	4	12	2	3	6	14	10	9	11	1	8
Received Flu Shot in Past 12 Months <sup>2</sup>	10	5	13	2	8	9	3	4	7	11	14	12	1	6
Eating <5 F&V <sup>3</sup>	14	1	11	10	4	12	13	3	7	8	5	2	9	6
Not Meeting PA <sup>4</sup> 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 <sup>5</sup> 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 <sup>6</sup> 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.

<sup>1</sup>For population age 65+.

<sup>2</sup>For population age 50+.

<sup>3</sup>Fruit and vegetable.

<sup>4</sup>Physical Activity.

<sup>5</sup>Coronary heart disease.

<sup>6</sup>Chronic 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 <sup>1</sup> Mortality	Diabetes Mortality	Cancer Mortality	Cancer Incidence	Lung Cancer Incidence	Breast Cancer Incidence	Colorectal Cancer Incidence	Prostate Cancer Incidence
<b>Metropolitan Counties</b>																	
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
<b>East Region</b>																	
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
<b>Mid-Cumberland Region</b>																	
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 <sup>1</sup> 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
<b>Northeast Region</b>																	
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
<b>Northwest Region</b>																	
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
<b>South Central Region</b>																	
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 <sup>1</sup> 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
<b>Southeast Region</b>																	
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
<b>Southwest Region</b>																	
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
<b>Upper-Cumberland Region</b>																	
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 <sup>1</sup> 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.

<sup>1</sup>Chronic 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 <sup>1</sup> Mortality	Diabetes Mortality	Cancer Mortality	Cancer Incidence	Lung Cancer Incidence	Breast Cancer Incidence	Colorectal Cancer Incidence	Prostate Cancer Incidence
<b>East Region</b>																	
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
<b>Mid-Cumberland Region</b>																	
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
<b>Northeast Region</b>																	
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 <sup>1</sup> 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 <sup>1</sup> 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
<b>Southwest Region</b>																	
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
<b>Upper-Cumberland Region</b>																	
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 <sup>1</sup> 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.

<sup>1</sup>Chronic 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.

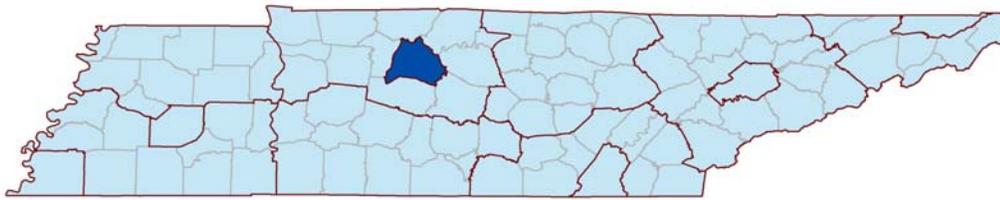
Tennessee Birth Statistical System, Fetal Death Statistical System, and Induced Abortion Statistical System, 2007-2009: Teen Pregnancy.

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.

# Davidson

## Demographics

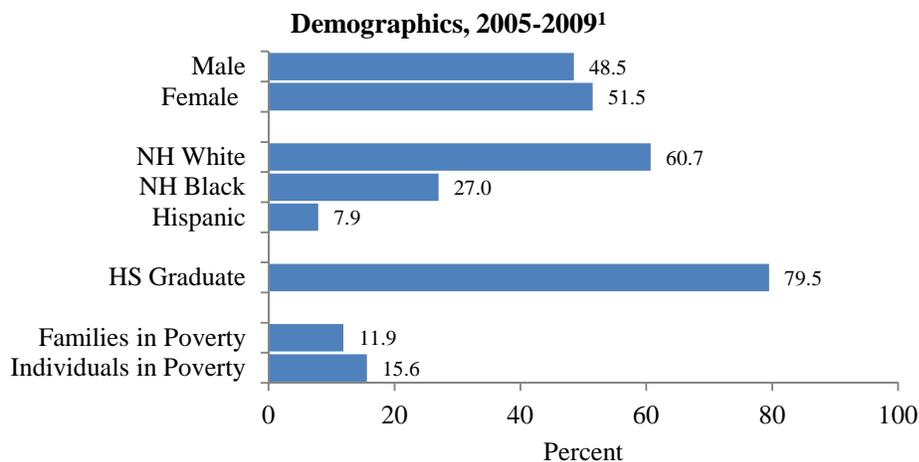


## Quick Facts

Median Age <sup>1</sup> :	34.3
Median Income <sup>1</sup> :	\$ 45,828
Home Ownership <sup>1</sup> :	61.5%
Unemployment <sup>1</sup> :	6.8%
Crime Rate <sup>2</sup> (per 1,000):	135.7
Teen Pregnancy Rate <sup>3</sup> (per 1,000)	
Overall:	81.6
White:	66.9
Black:	101.1
Infant Mortality <sup>4</sup> (per 1,000)	
Overall:	7.5
White:	5.4
Black:	12.1
Automobile Accident Deaths <sup>4</sup> (per 100,000):	12.7

## Population by Age, Gender, and Race Distribution (2005-2009)<sup>1</sup>

Age	Gender		Race			Total
	Female	Male	Non-Hispanic White	Non-Hispanic Black	Hispanic	
<18	67,983	70,256	65,570	46,045	18,550	138,239
18-44	134,860	134,733	158,497	74,010	24,215	269,593
45-64	76,385	70,242	100,626	35,721	5,252	146,627
65+	40,844	26,162	52,401	12,183	1,021	67,006
Total	320,072	301,393	377,094	167,959	49,038	621,465



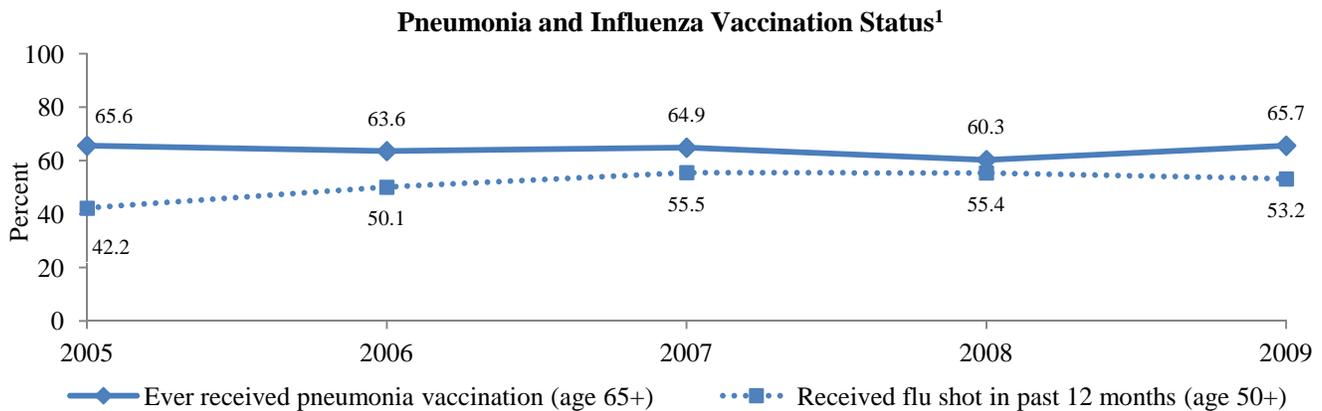
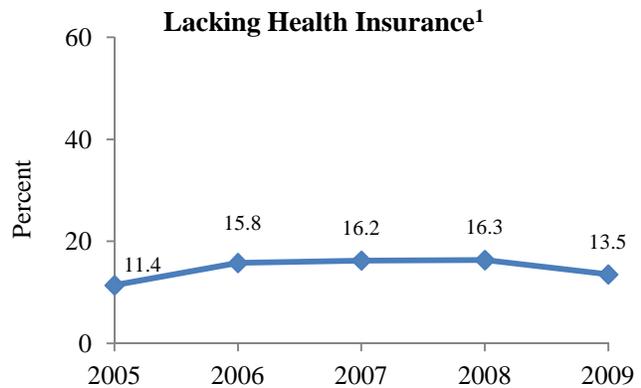
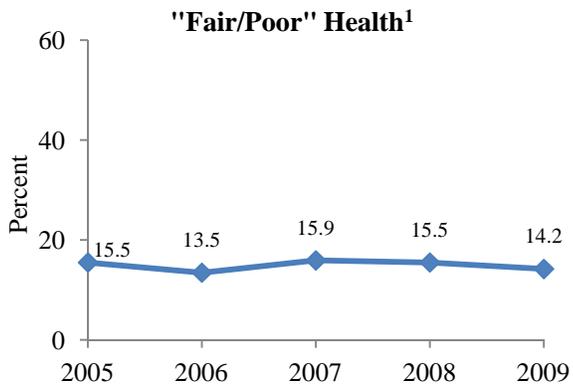
<sup>1</sup>Data Source: U.S. Census Bureau, American Community Survey, 2005-2009.

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

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

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

## General Health



### Prevalence for General Health Indicators Among Adults 18+, 2009<sup>1</sup>

Indicator	Total	NH White	NH Black	Female	Male
Fair/Poor Health Status (%)	14.2	15.5	13.6	16.5	11.8
Lacking Health Insurance (%)	13.5	13.7	9.0	7.1	20.3
Ever Received Pneumonia Vaccination <sup>2</sup> (%)	65.7	70.9	51.5	70.3	58.1
Received Flu Shot in Past 12 Months <sup>3</sup> (%)	53.2	56.2	40.5	54.4	52.1
Mean # of Days of Poor Physical Health per Month	11.0	9.7	12.3	11.7	10.3
Mean # of Days of Poor Mental Health per Month	11.7	11.9	10.9	12.6	10.1

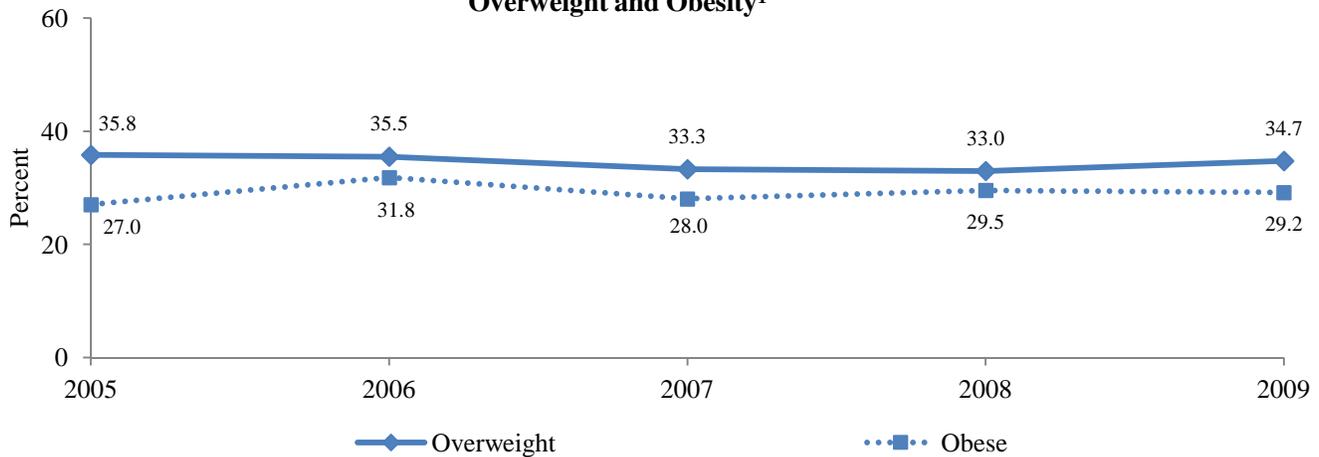
<sup>1</sup>Data Source: Tennessee Behavioral Risk Factor Surveillance System (BRFSS). Statistics are for 18+ unless indicated otherwise.

<sup>2</sup>Age 65+.

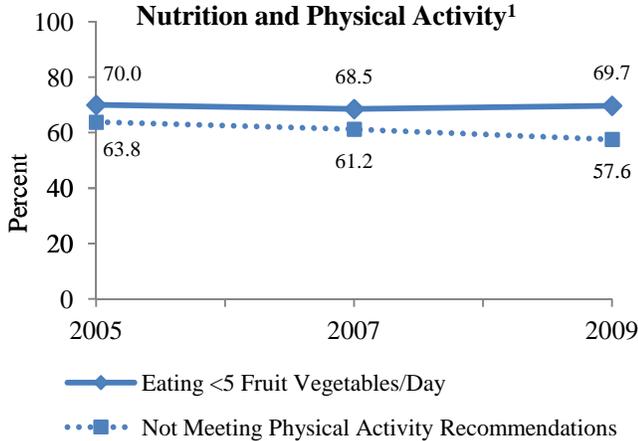
<sup>3</sup>Age 50+.

## Behavioral Risk Factors

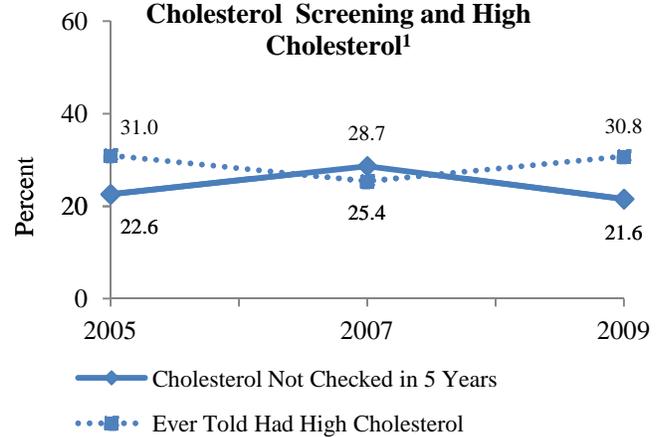
### Overweight and Obesity<sup>1</sup>



### Nutrition and Physical Activity<sup>1</sup>



### Cholesterol Screening and High Cholesterol<sup>1</sup>



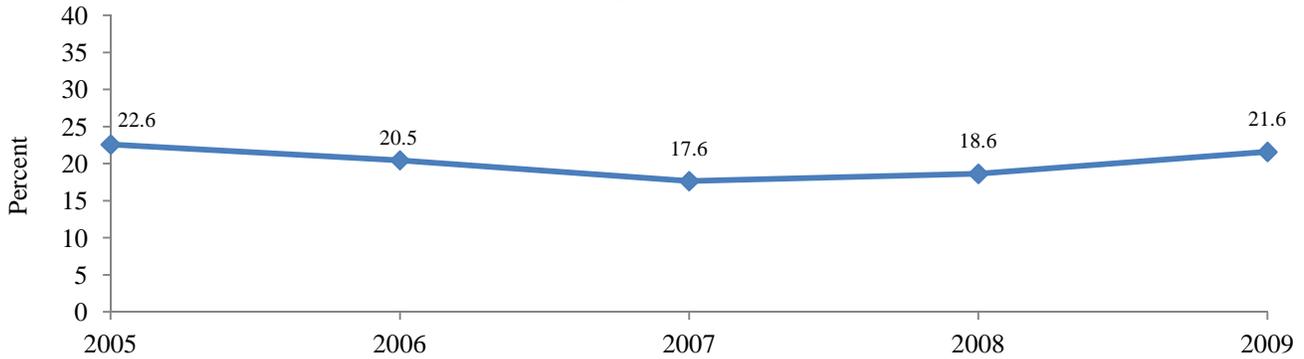
### Prevalence for Behavioral Risk Factors, 2009<sup>1</sup>

Risk factor	Total	NH White	NH Black	Female	Male
Eating <5 Fruits & Vegetables per Day (%)	69.7	62.1	83.2	70.9	68.5
Not Meeting Physical Activity Recommendations (%)	57.6	53.9	67.7	64.5	50.1
Overweight or Obese (%)	63.9	57.8	78.8	56.6	71.3
Have Not Checked Cholesterol Within the Past 5 Years (%)	21.6	21.7	17.9	22.0	21.1
Ever Told High Cholesterol (%)	30.8	29.5	32.5	35.2	26.6
Ever Told High Blood Pressure (%)	25.4	22.3	36.6	24.7	26.2

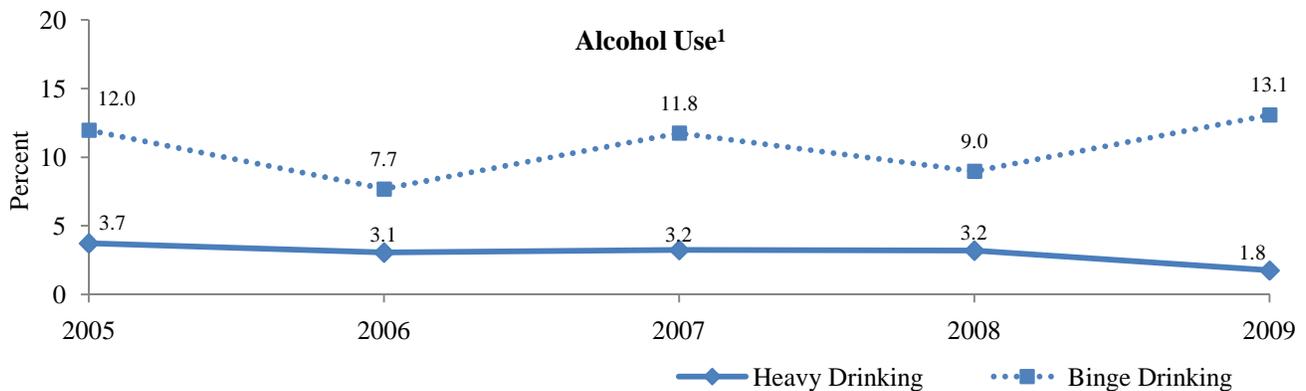
<sup>1</sup>Data Source: Tennessee Behavioral Risk Factor Surveillance System (BRFSS). Statistics are for 18+ unless indicated otherwise.

## Cigarette & Alcohol Use

**Current Cigarette Smokers<sup>1</sup>**



**Alcohol Use<sup>1</sup>**



**Prevalence for Alcohol and Tobacco Use, 2009<sup>1</sup>**

Indicator	Total	NH White	NH Black	Female	Male
Heavy Drinking (%)	1.8	2.4	0.6	2.2	1.3
Binge Drinking (%)	13.1	14.7	6.0	8.0	18.5
Current Smokers (%)	21.6	21.1	20.8	17.6	25.8

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

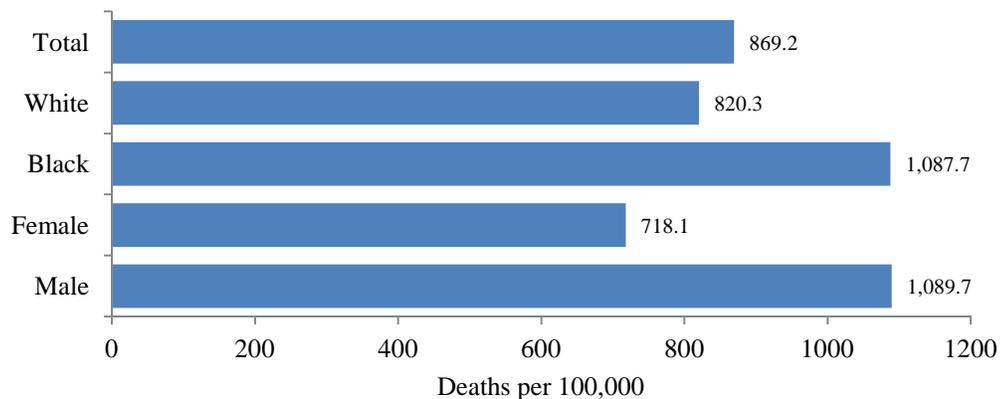
## Leading Causes of Death

### Leading Causes of Death, 2007-2009<sup>1</sup>

Rank <sup>2</sup>	Cause	# Deaths	Age Adjusted Mortality Rate <sup>3</sup> and Demographic Ranking				
			Total	White	Black	Female	Male
1	Heart disease	3,637	211.0	198.6	266.5	167.6	273.3
2	Cancer	3,329	195.5	185.6	245.9	157.5	262.5
3	Accidents	855	48.2	52.1	38.7	34.6	63.8
4	Chronic lower respiratory diseases	822	49.1	53.1	34.2	43.8	59.7
5	Stroke	821	48.1	43.6	67.1	46.3	50.3
6	Alzheimer's disease	532	31.4	32.0	30.2	31.9	29.4
7	Diabetes mellitus	503	29.3	21.9	60.5	26.2	33.8
8	Influenza and pneumonia	298	17.3	17.2	18.2	16.2	20.2
9	Homicide	222	12.9	6.6	26.9	3.8	21.8
9	Suicide	222	12.4	14.6	7.2	6.1	19.5

Ranking Key:	1	2	3	4	5
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### All Cause Mortality by Race, 2007-2009<sup>1,3</sup>

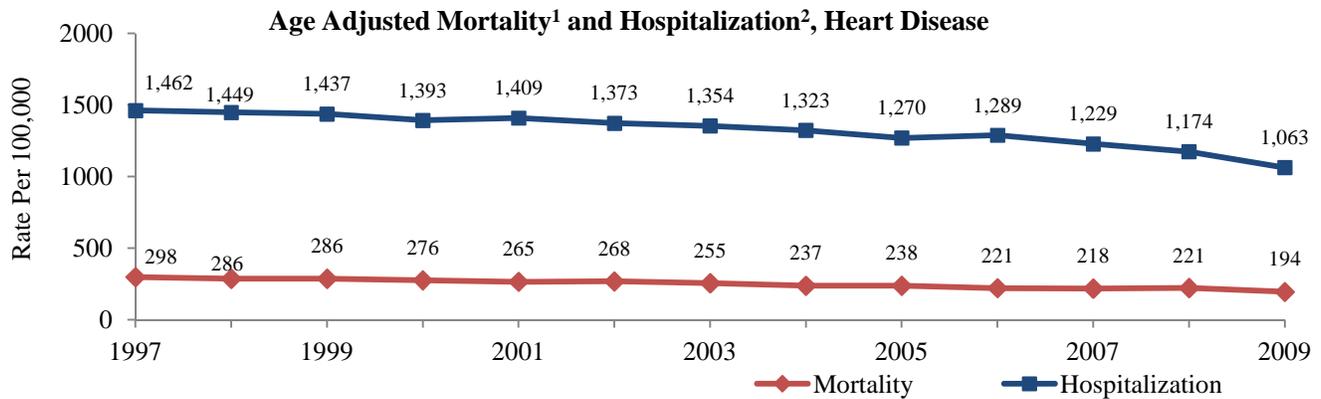


<sup>1</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjusted to the 2000 standard US population.

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

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

## Heart Disease

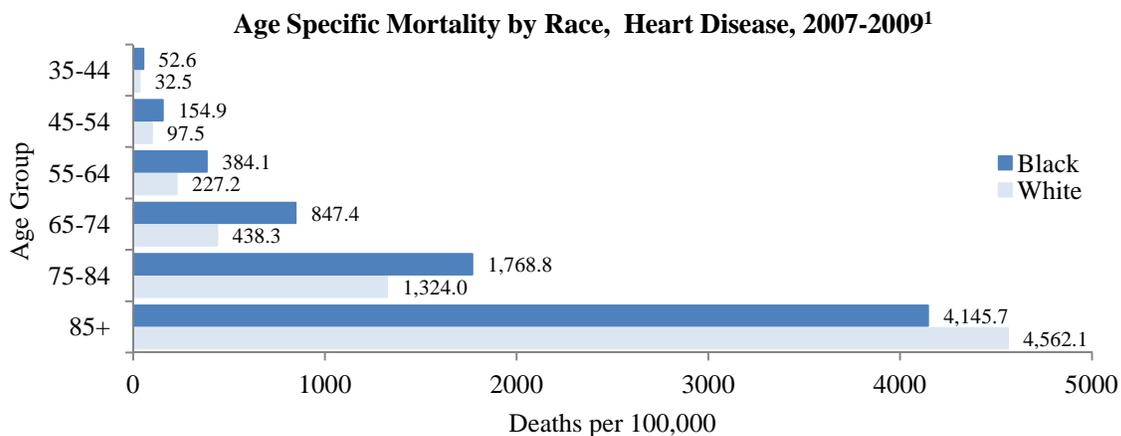


### Heart Disease Mortality<sup>1</sup> and Hospitalization<sup>2</sup>, 2007-2009

	Total	White	Black	Female	Male
Mortality (per 100,000)	211.0	198.6	266.5	167.6	273.3
Hospitalization (per 100,000)	1,154.6	1,041.4	1,481.2	925.1	1,445.7

### Heart Disease Prevalence<sup>3</sup>, 2009

	Total	NH White	NH Black	Female	Male
Prevalence of MI <sup>4</sup> (%)	2.9	3.6	2.1	1.9	4.0
Prevalence of CHD <sup>5</sup> (%)	3.9	4.6	3.3	4.2	3.7



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

<sup>2</sup>Data 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.

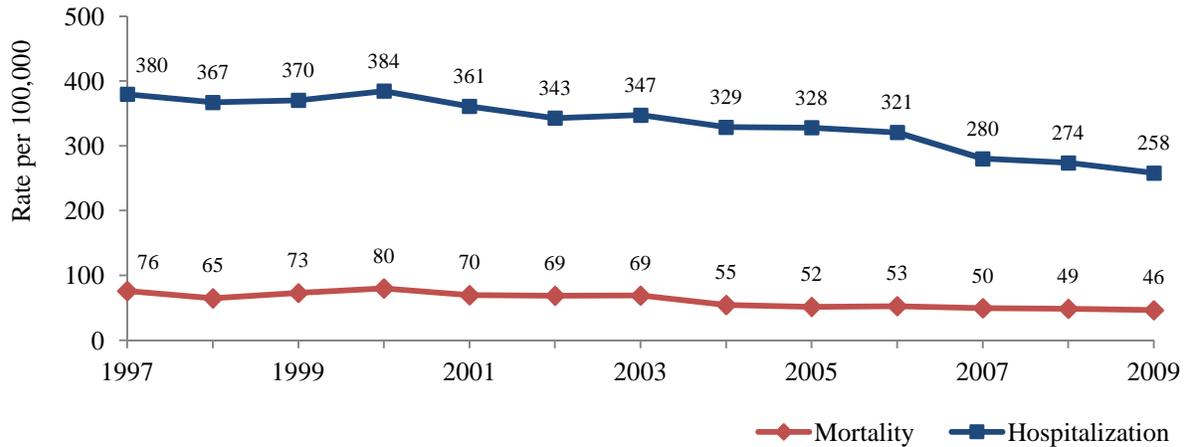
<sup>3</sup>Data Source: Tennessee Behavioral Risk Factor Surveillance System (BRFSS). Statistics are for 18+ unless indicated otherwise.

<sup>4</sup>MI= Myocardial Infarction.

<sup>5</sup>CHD=Coronary Heart Disease.

## Stroke

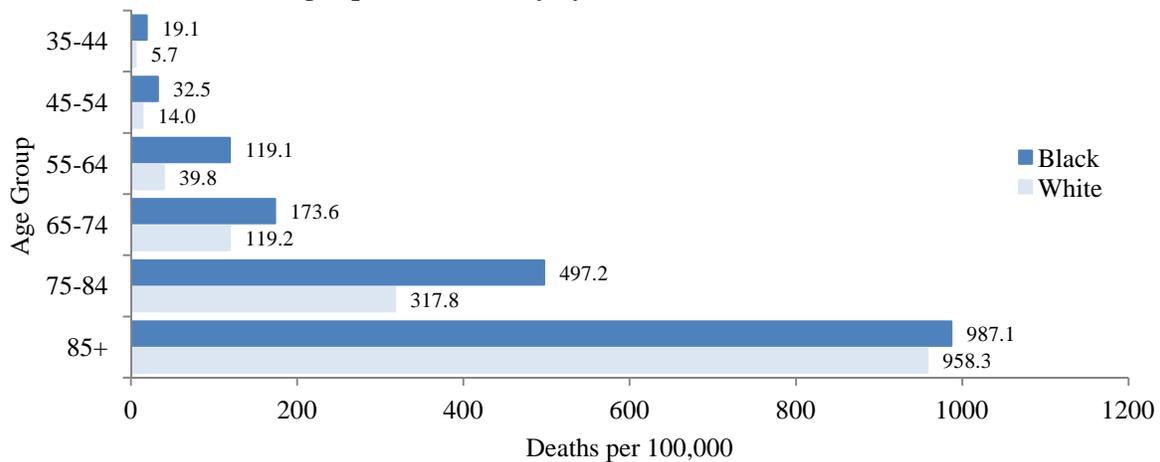
### Age Adjusted Mortality<sup>1</sup> and Hospitalization<sup>2</sup>, Stroke



### Stroke Mortality<sup>1</sup>, Hospitalization<sup>2</sup>, and Prevalence<sup>3</sup>, 2007-2009

	Total	White	Black	Female	Male
Mortality (per 100,000)	48.1	43.6	67.1	46.3	50.3
Hospitalization (per 100,000)	270.6	238.8	363.0	255.2	294.3
Prevalence <sup>4</sup> (%)	2.0	1.5	3.6	2.8	1.1

### Age Specific Mortality by Race, Stroke, 2007-2009<sup>1</sup>



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

<sup>2</sup>Data 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.

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

<sup>4</sup>2009 data, NH white and NH black race groups.

## CLRD<sup>1</sup>



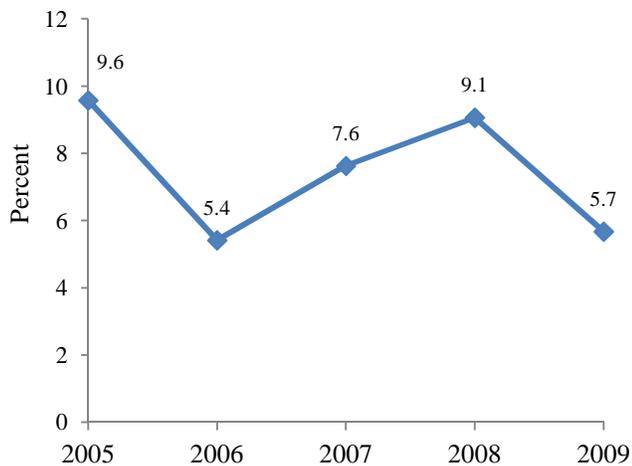
### Chronic Lower Respiratory Disease Mortality<sup>2</sup> and Hospitalization<sup>3</sup>, 2007-2009

	Total	White	Black	Female	Male
Mortality (per 100,000)	49.1	53.1	34.2	43.8	59.7
Hospitalization (per 100,000)	334.4	304.6	406.2	384.8	283.5

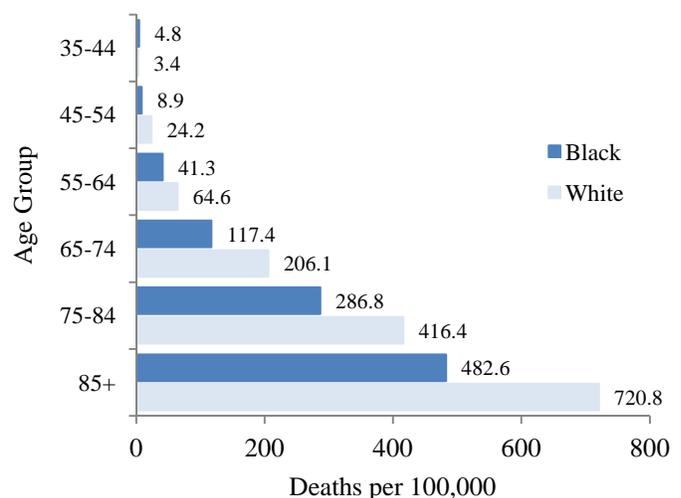
### Asthma Prevalence, 2009<sup>4</sup>

	Total	NH White	NH Black	Female	Male
Ever Had Asthma (%)	9.2	11.5	6.3	10.6	7.8
Currently Have Asthma (%)	5.7	7.3	3.2	7.0	4.3

### Prevalence of Self-Reported Current Asthma<sup>4</sup>



### Age Specific Mortality by Race, CLRD, 2007-2009<sup>2</sup>



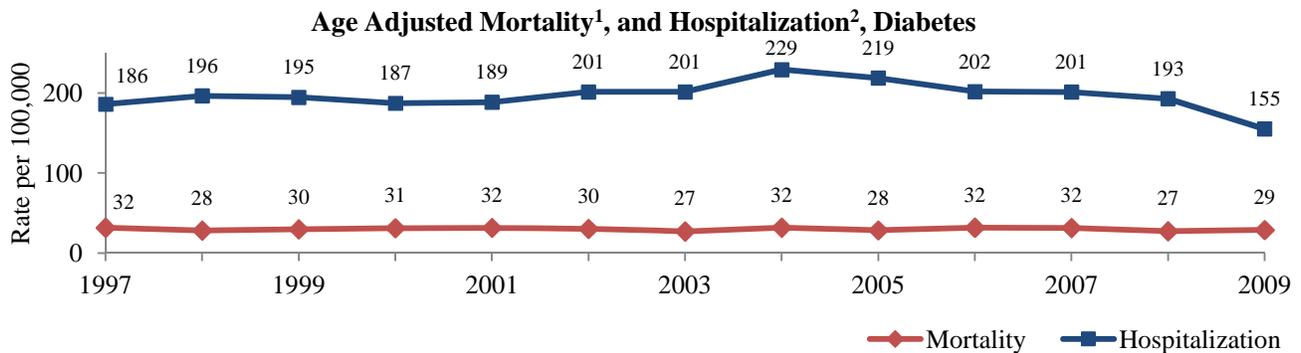
<sup>1</sup>CLRD= Chronic Lower Respiratory Disease.

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

<sup>3</sup>Data 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.

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

## Diabetes

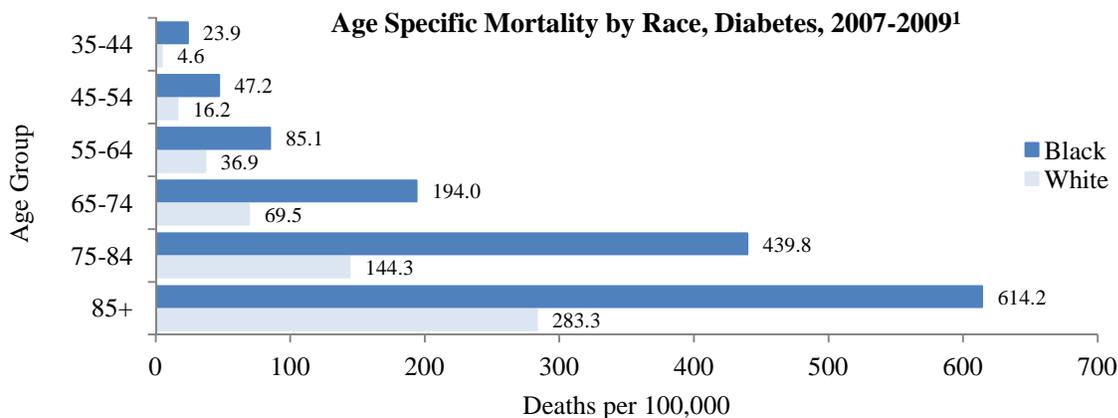


### Diabetes Mortality<sup>1</sup> and Hospitalization<sup>2</sup>, 2007-2009

	Total	White	Black	Female	Male
Mortality (per 100,000)	29.3	21.9	60.5	26.2	33.8
Hospitalization (per 100,000)	182.9	116.0	386.9	183.1	184.7

### Diabetes Prevalence<sup>3</sup> and Diabetes Management Indicators<sup>3</sup>, 2009

	Total	NH White	NH Black	Female	Male
Prevalence (%)	6.0	5.2	5.6	5.9	6.1
Self-Blood Glucose Monitoring at Least Once Daily (%)	62.1	61.8	66.4	51.6	72.8
Foot Examined by a Doctor in Past 12 Months (%)	85.4	80.8	96.8	91.5	80.0
Received a Dilated Eye Exam in past 12 Months (%)	79.7	75.0	92.3	71.9	87.3

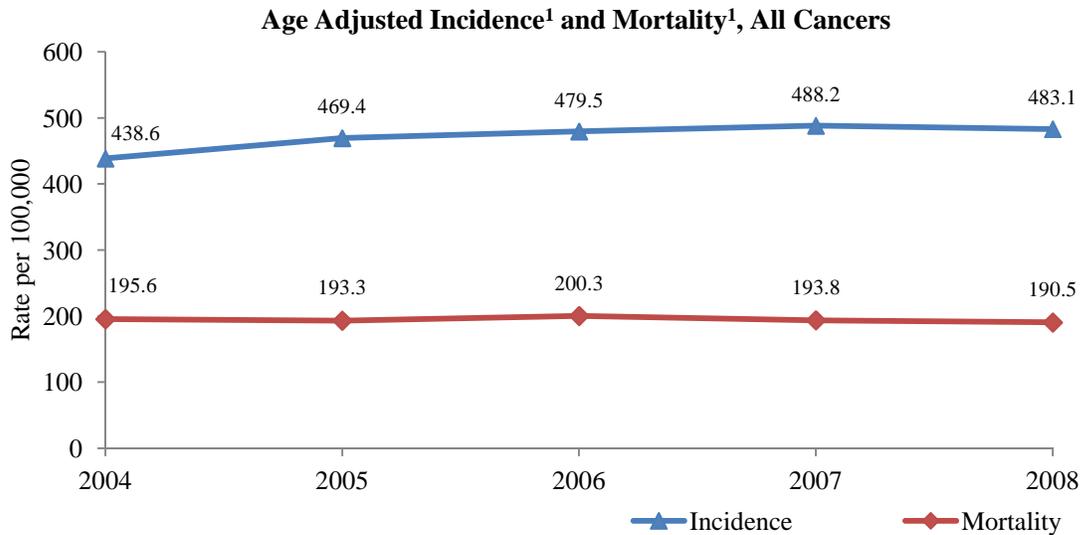


<sup>1</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

<sup>2</sup>Data 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.

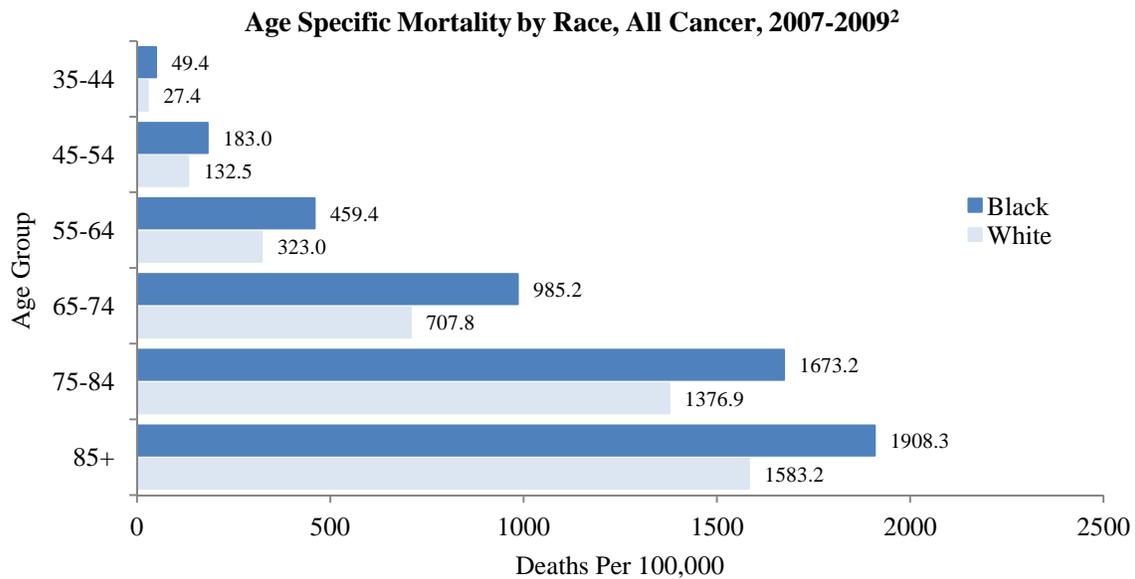
<sup>3</sup>Data Source: Tennessee Behavioral Risk Factor Surveillance System (BRFSS). Statistics are for 18+ unless indicated otherwise.

## Cancer



**Cancer Incidence<sup>1</sup> and Mortality<sup>1</sup>, 2004-2008**

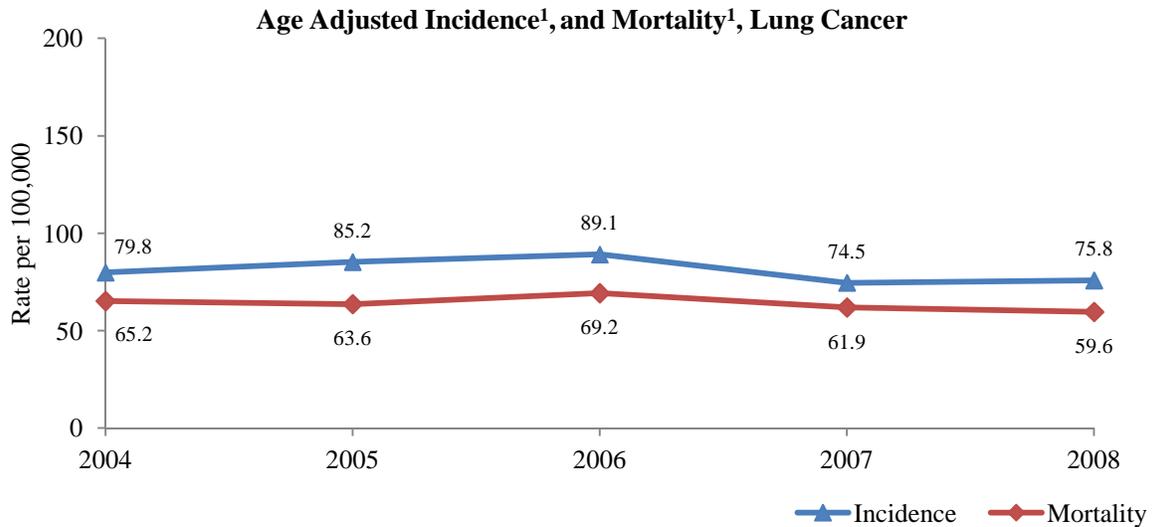
	Total	White	Black	Female	Male
Incidence (per 100,000)	472.4	475.4	479.4	417.8	561.8
Mortality (per 100,000)	194.7	187.8	233.5	159.3	252.4



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

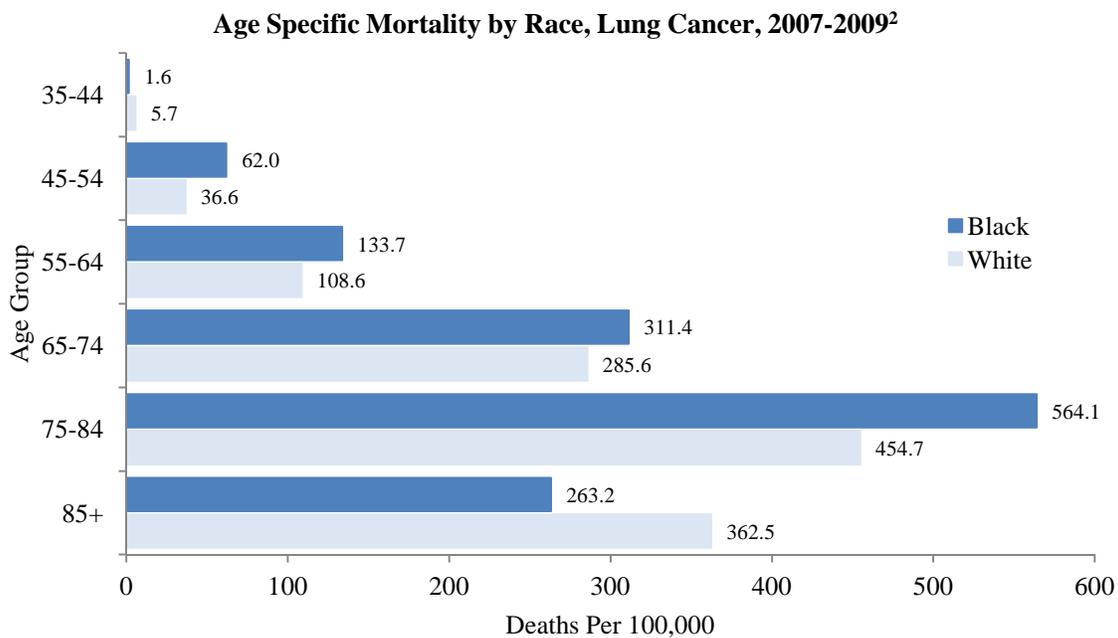
<sup>2</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

## Lung Cancer



### Lung Cancer Incidence<sup>1</sup> and Mortality<sup>1</sup>, 2004-2008

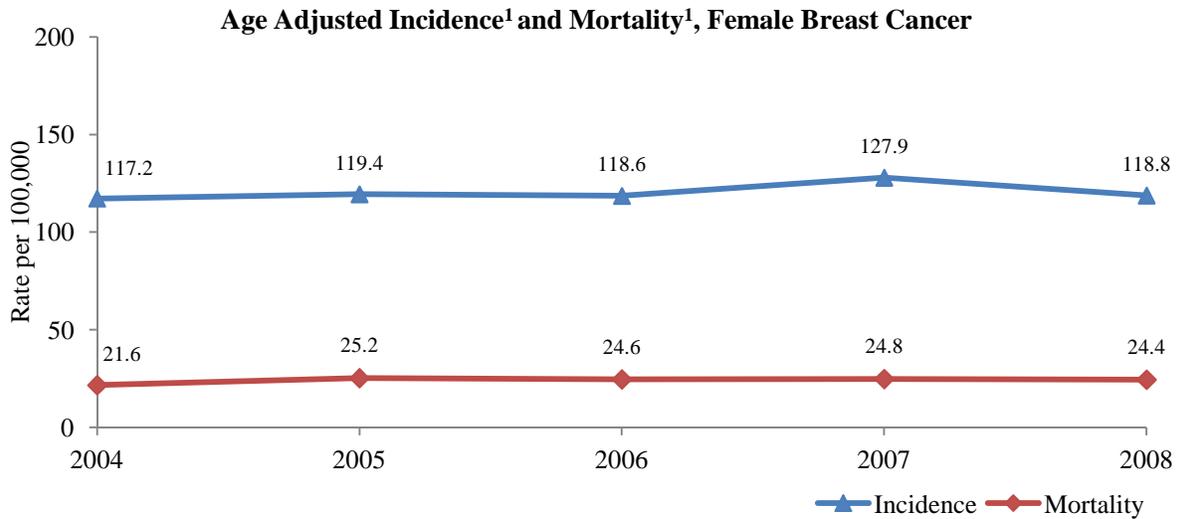
	Total	White	Black	Female	Male
Incidence (per 100,000)	80.9	82.4	80.7	64.7	105.5
Mortality (per 100,000)	63.9	64.3	66.9	48.3	87.3



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

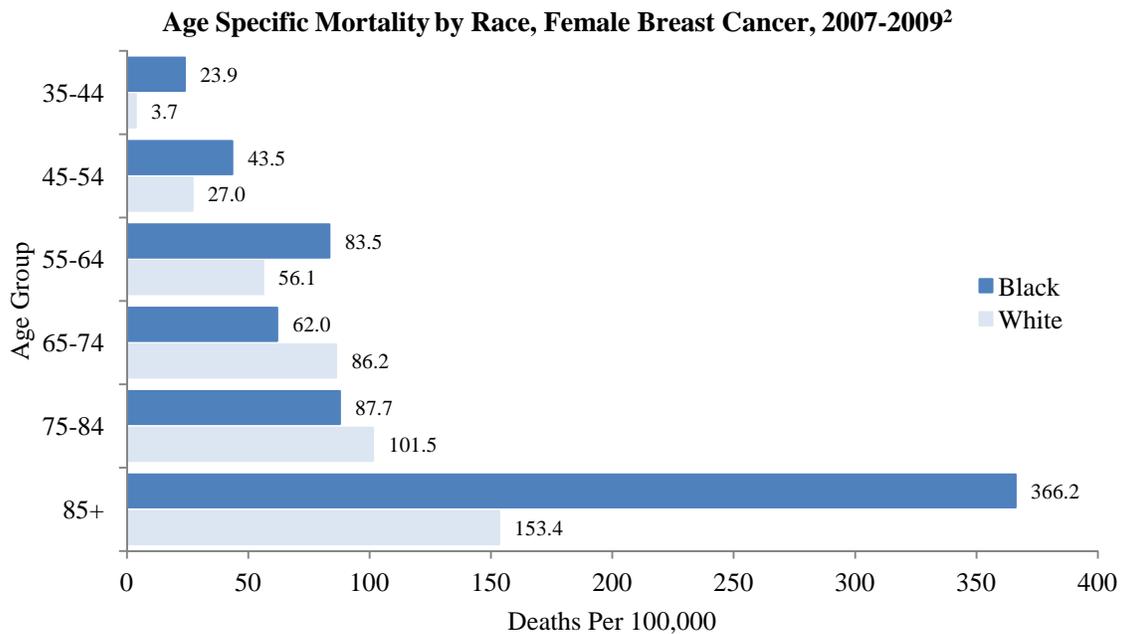
<sup>2</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

## Breast Cancer



**Female Breast Cancer Incidence<sup>1</sup> and Mortality<sup>1</sup>, 2004-2008**

	Total	White	Black
Incidence (per 100,000)	120.4	121.9	119.1
Mortality (per 100,000)	24.2	22.2	29.9

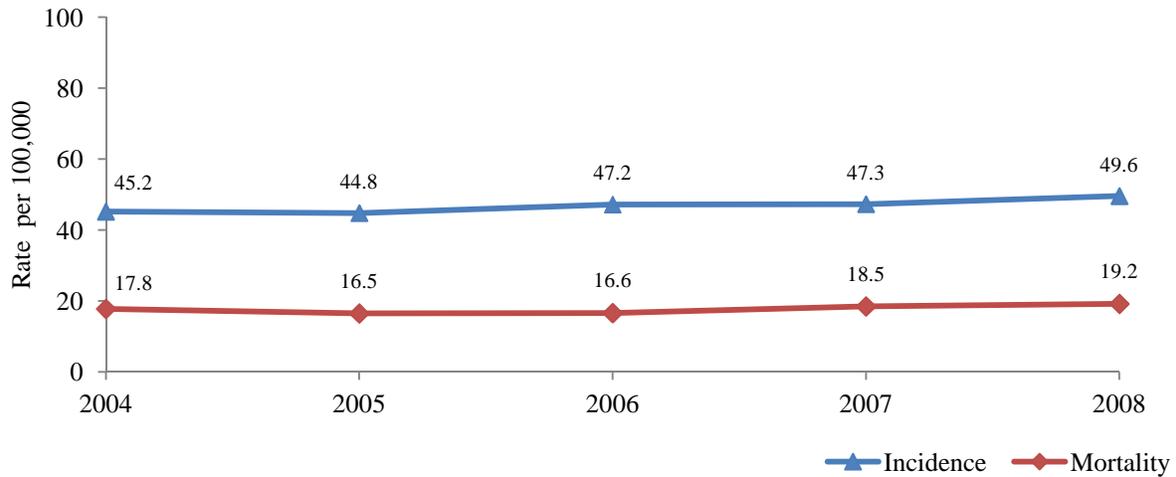


<sup>1</sup>Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

<sup>2</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

## Colorectal Cancer

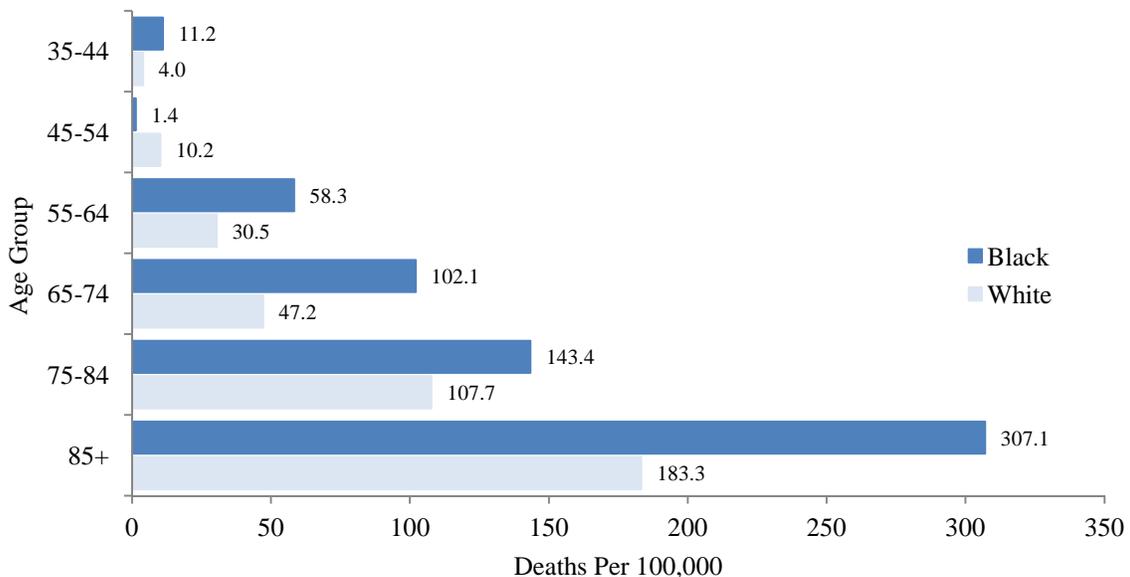
**Age Adjusted Incidence<sup>1</sup> and Mortality<sup>1</sup>, Colorectal Cancer**



**Colorectal Cancer Incidence<sup>1</sup> and Mortality<sup>1</sup>, 2004-2008**

	Total	White	Black	Female	Male
Incidence (per 100,000)	46.9	44.7	55.6	40.6	55.7
Mortality (per 100,000)	17.7	15.9	26.1	14.5	22.5

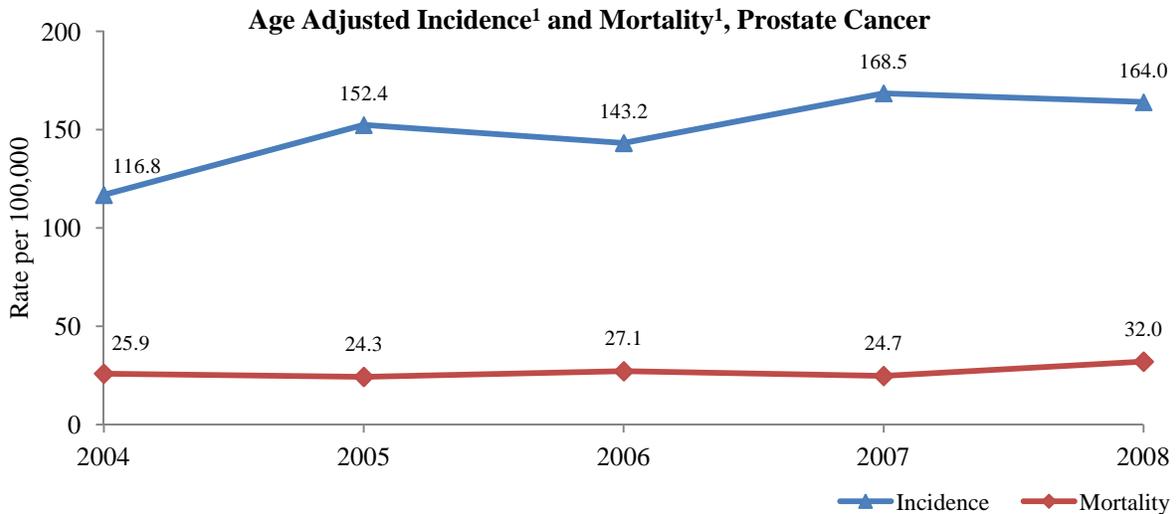
**Age Specific Mortality by Race, Colorectal Cancer, 2007-2009<sup>2</sup>**



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

<sup>2</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

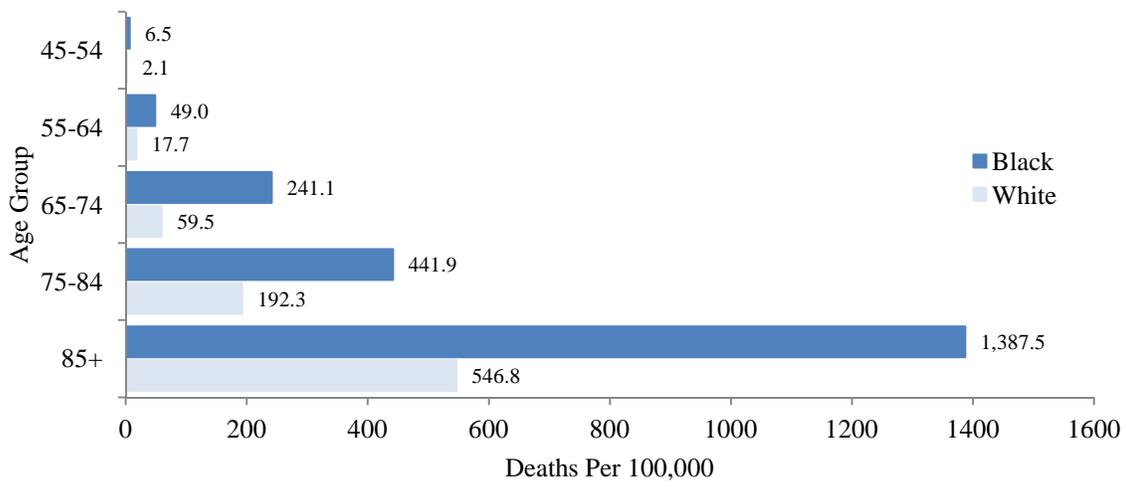
## Prostate Cancer



**Prostate Cancer Incidence<sup>1</sup> and Mortality<sup>1</sup>, 2004-2008**

	Total	White	Black
Incidence (per 100,000)	149.5	136.5	206.7
Mortality (per 100,000)	26.9	21.1	60.1

**Age Specific Mortality by Race, Prostate Cancer, 2007-2009<sup>2</sup>**



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

<sup>2</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

## Demographics

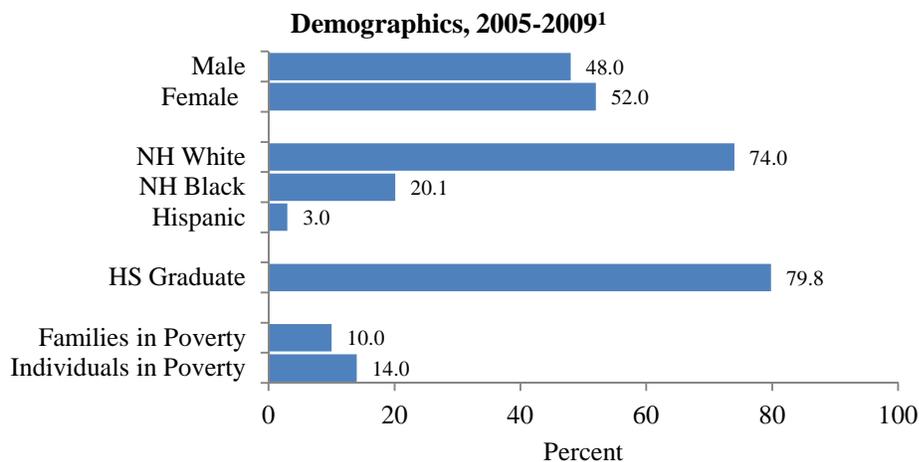


## Quick Facts

Median Age <sup>1</sup> :	39.0
Median Income <sup>1</sup> :	\$ 45,557
Home Ownership <sup>1</sup> :	69.9%
Unemployment <sup>1</sup> :	8.1%
Crime Rate <sup>2</sup> (per 1,000):	94.4
Teen Pregnancy Rate <sup>3</sup> (per 1,000)	
Overall:	61.7
White:	49.2
Black:	95.7
Infant Mortality <sup>4</sup> (per 1,000)	
Overall:	9.1
White:	1.1
Black:	16.4
Automobile Accident Deaths <sup>4</sup> (per 100,000):	12.3

### Population by Age, Gender, and Race Distribution (2005-2009)<sup>1</sup>

Age	Gender		Race			Total
	Female	Male	Non-Hispanic White	Non-Hispanic Black	Hispanic	
<18	35,782	37,697	47,734	18,584	4,112	73,479
18-44	60,618	58,401	86,441	24,874	4,094	119,019
45-64	47,419	43,309	70,826	16,170	1,401	90,728
65+	28,403	19,312	39,819	6,896	343	47,715
Total	172,222	158,719	244,820	66,524	9,950	330,941



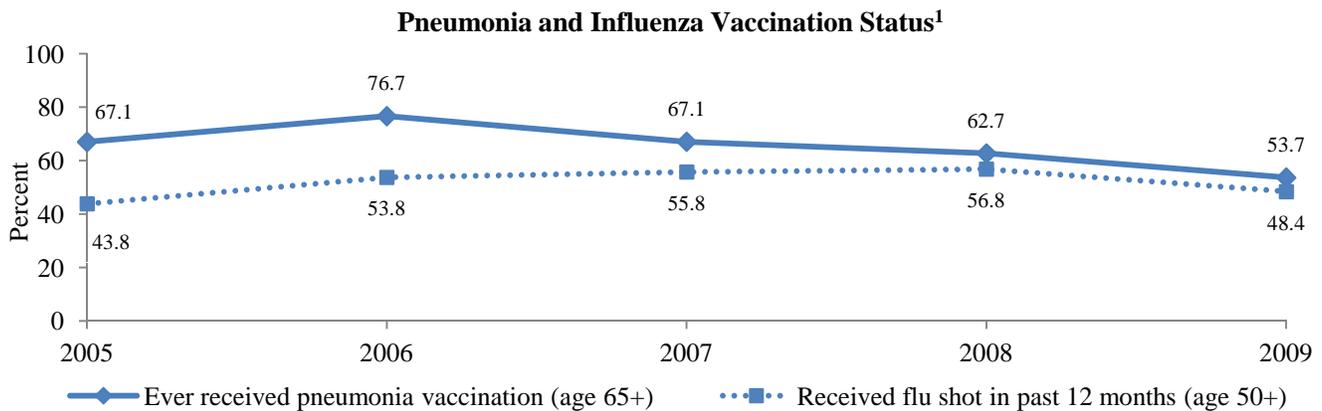
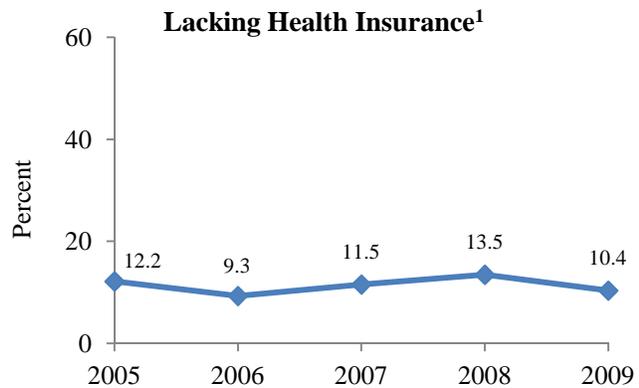
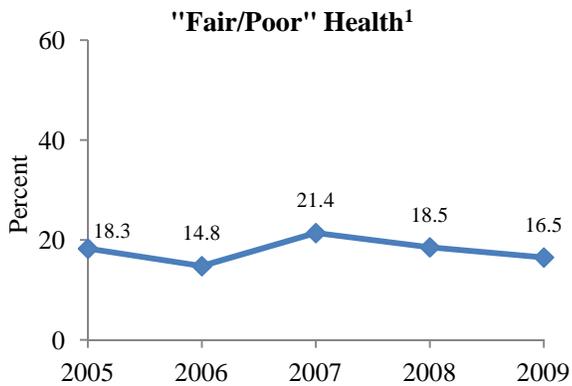
<sup>1</sup>Data Source: U.S. Census Bureau, American Community Survey, 2005-2009.

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

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

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

## General Health



### Prevalence for General Health Indicators Among Adults 18+, 2009<sup>1</sup>

Indicator	Total	NH White	NH Black	Female	Male
Fair/Poor Health Status (%)	16.5	14.6	25.5	18.3	14.4
Lacking Health Insurance (%)	10.3	7.0	23.0	12.6	7.8
Ever Received Pneumonia Vaccination <sup>2</sup> (%)	53.7	54.3	35.8	60.8	41.0
Received Flu Shot in Past 12 Months <sup>3</sup> (%)	48.4	49.0	29.7	49.9	46.2
Mean # of Days of Poor Physical Health per Month	8.9	8.8	8.4	10.4	6.9
Mean # of Days of Poor Mental Health per Month	11.7	11.9	9.4	10.3	14.1

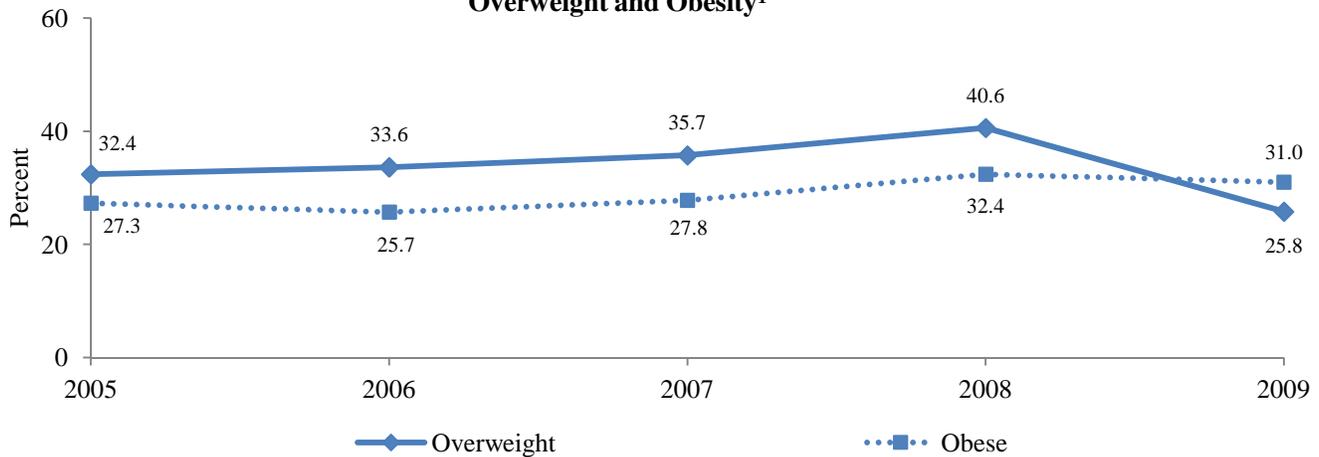
<sup>1</sup>Data Source: Tennessee Behavioral Risk Factor Surveillance System (BRFSS). Statistics are for 18+ unless indicated otherwise.

<sup>2</sup>Age 65+.

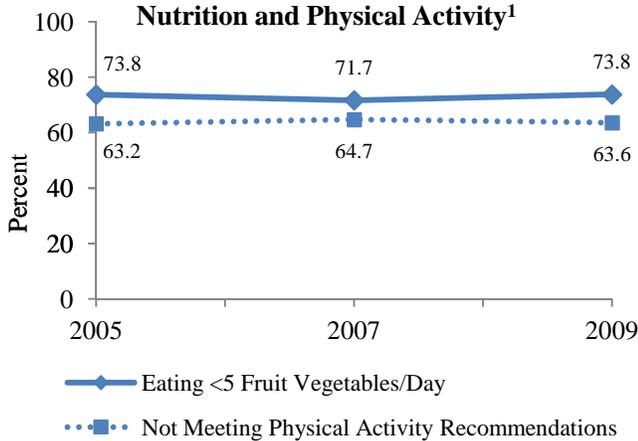
<sup>3</sup>Age 50+.

## Behavioral Risk Factors

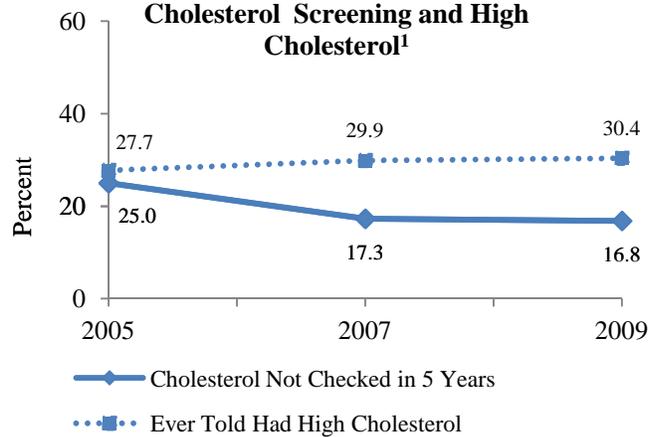
### Overweight and Obesity<sup>1</sup>



### Nutrition and Physical Activity<sup>1</sup>



### Cholesterol Screening and High Cholesterol<sup>1</sup>



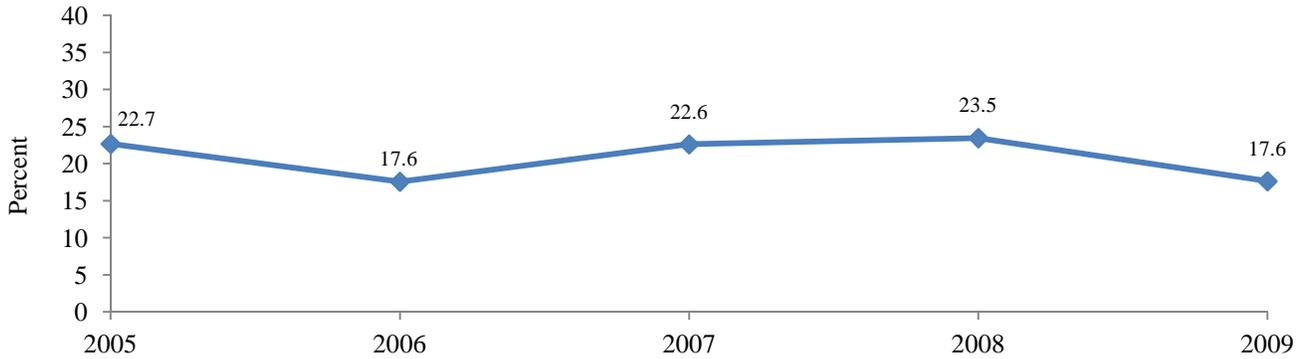
### Prevalence for Behavioral Risk Factors, 2009<sup>1</sup>

Risk factor	Total	NH White	NH Black	Female	Male
Eating <5 Fruits & Vegetables per Day (%)	73.8	70.1	86.2	76.4	70.7
Not Meeting Physical Activity Recommendations (%)	63.6	62.1	80.3	67.0	59.5
Overweight or Obese (%)	56.8	53.5	76.3	54.2	59.5
Have Not Checked Cholesterol Within the Past 5 Years (%)	16.8	17.3	17.2	17.5	16.1
Ever Told High Cholesterol (%)	30.4	32.4	32.2	30.8	30.0
Ever Told High Blood Pressure (%)	31.1	26.9	47.7	31.5	30.7

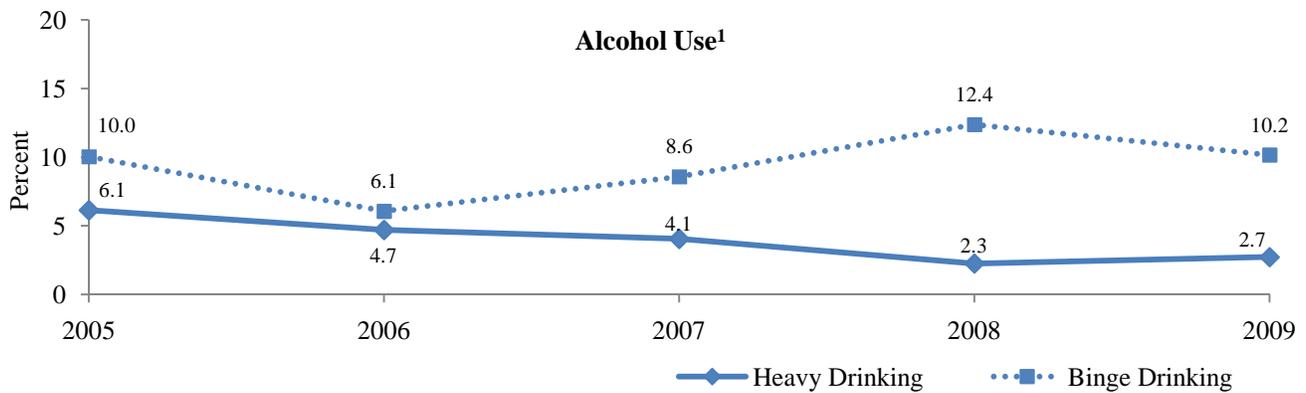
<sup>1</sup>Data Source: Tennessee Behavioral Risk Factor Surveillance System (BRFSS). Statistics are for 18+ unless indicated otherwise.

## Cigarette & Alcohol Use

**Current Cigarette Smokers<sup>1</sup>**



**Alcohol Use<sup>1</sup>**



**Prevalence for Alcohol and Tobacco Use, 2009<sup>1</sup>**

Indicator	Total	NH White	NH Black	Female	Male
Heavy Drinking (%)	2.7	3.0	1.0	3.5	1.8
Binge Drinking (%)	10.2	9.1	14.5	10.7	9.5
Current Smokers (%)	17.6	18.5	10.1	17.8	17.5

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

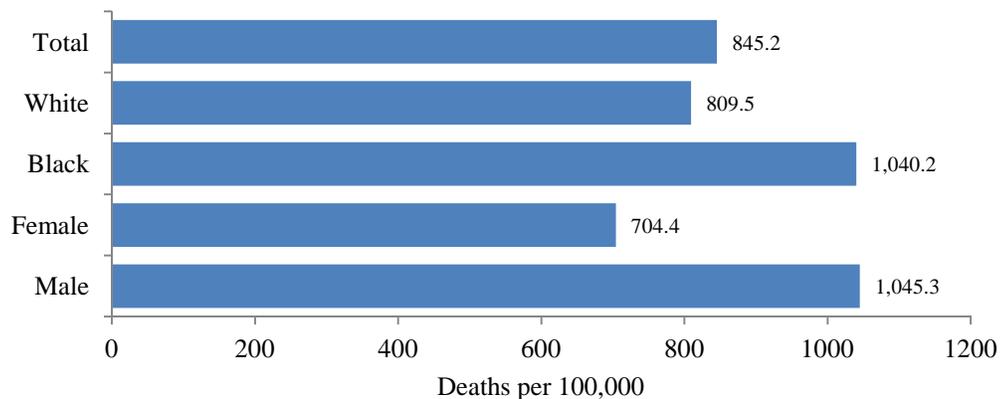
## Leading Causes of Death

### Leading Causes of Death, 2007-2009<sup>1</sup>

Rank <sup>2</sup>	Cause	# Deaths	Age Adjusted Mortality Rate <sup>3</sup> and Demographic Ranking				
			Total	White	Black	Female	Male
1	Heart disease	2,450	213.6	200.8	288.7	169.7	275.5
2	Cancer	2,051	183.9	177.1	226.8	145.7	245.9
3	Chronic lower respiratory diseases	615	54.6	54.9	54.7	46.4	69.0
4	Stroke	565	49.7	48.4	55.0	49.1	49.7
5	Alzheimer's disease	486	41.2	42.7	34.3	44.2	34.5
6	Accidents	409	40.8	42.7	34.7	26.8	58.0
7	Diabetes mellitus	307	27.4	22.7	54.0	24.7	31.7
8	Influenza and pneumonia	154	13.7	13.6	13.7	12.9	14.7
9	Suicide	129	13.4	15.1	7.2	6.7	20.6
10	Kidney disease	125	11.1	8.6	26.7	9.1	15.2

Ranking Key:	1	2	3	4	5
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### All Cause Mortality by Race, 2007-2009<sup>1,3</sup>

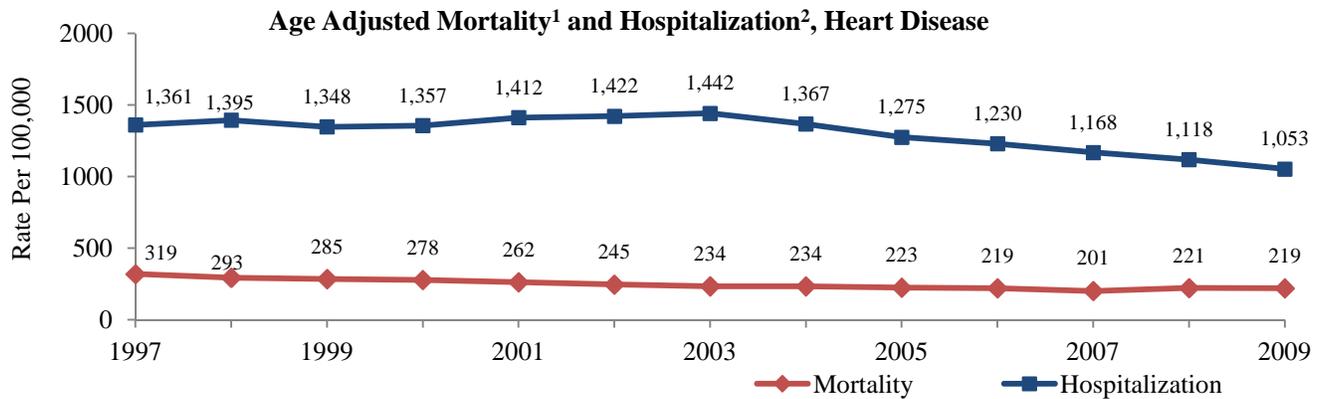


<sup>1</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjusted to the 2000 standard US population.

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

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

## Heart Disease

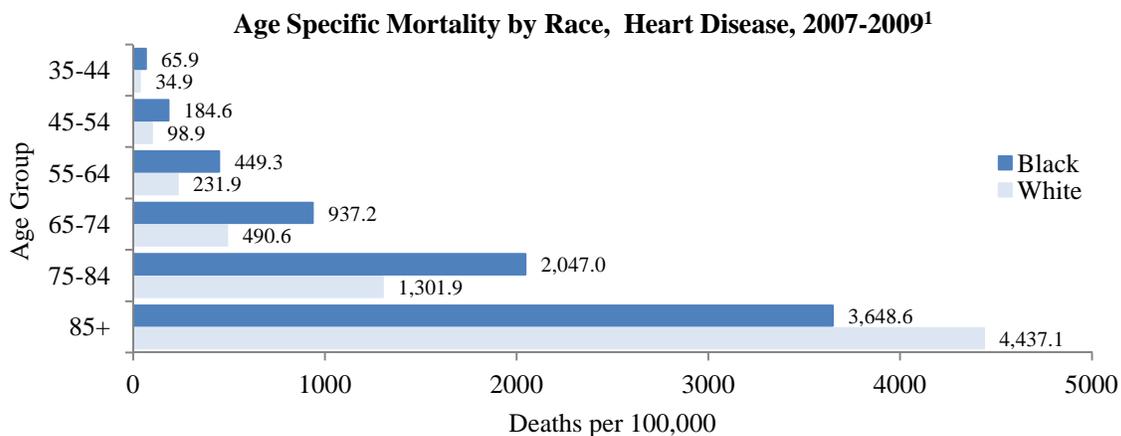


### Heart Disease Mortality<sup>1</sup> and Hospitalization<sup>2</sup>, 2007-2009

	Total	White	Black	Female	Male
Mortality (per 100,000)	213.6	200.8	288.7	169.7	275.5
Hospitalization (per 100,000)	1,112.7	1,050.1	1,375.0	857.6	1,454.3

### Heart Disease Prevalence<sup>3</sup>, 2009

	Total	NH White	NH Black	Female	Male
Prevalence of MI <sup>4</sup> (%)	4.1	4.7	3.3	4.8	3.4
Prevalence of CHD <sup>5</sup> (%)	1.9	1.6	3.5	2.5	1.4



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

<sup>2</sup>Data 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.

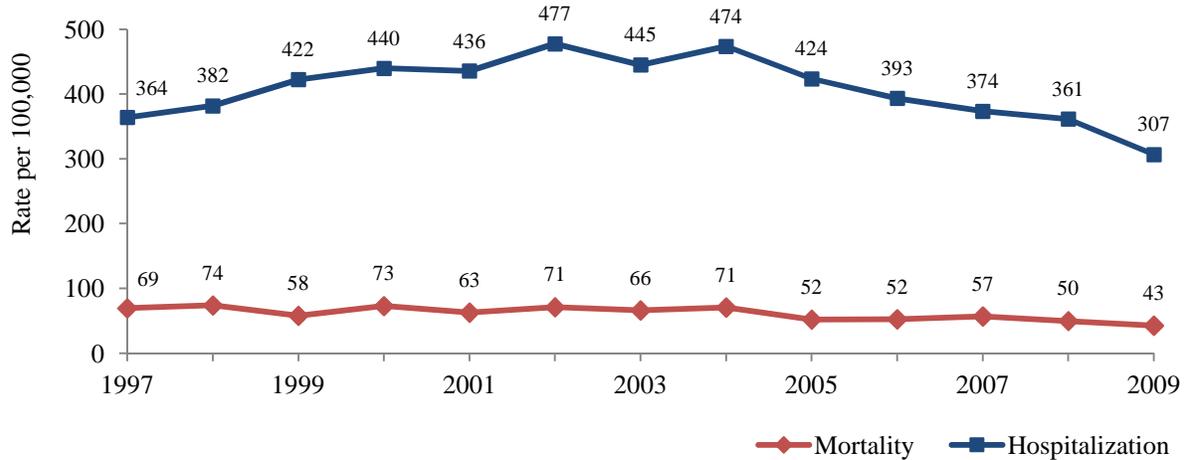
<sup>3</sup>Data Source: Tennessee Behavioral Risk Factor Surveillance System (BRFSS). Statistics are for 18+ unless indicated otherwise.

<sup>4</sup>MI= Myocardial Infarction.

<sup>5</sup>CHD=Coronary Heart Disease.

## Stroke

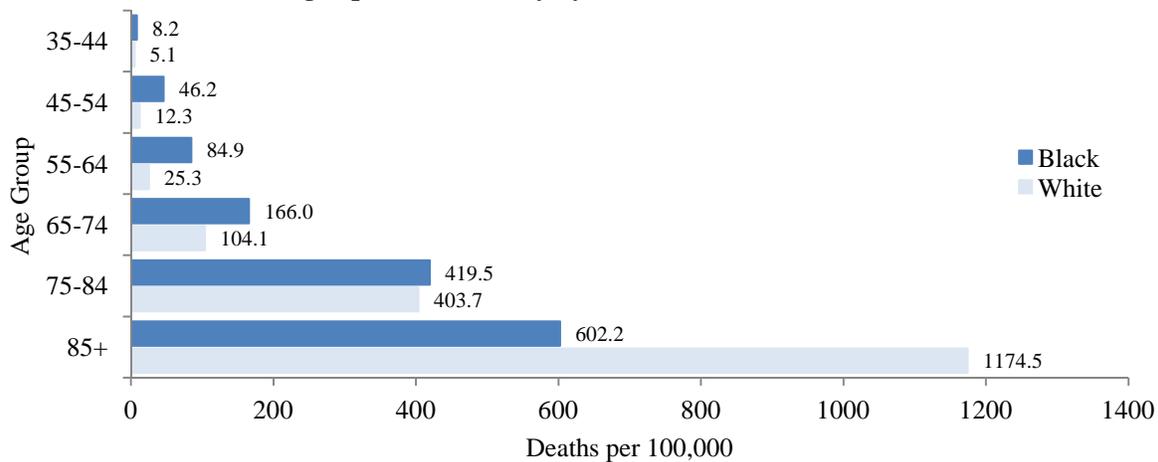
### Age Adjusted Mortality<sup>1</sup> and Hospitalization<sup>2</sup>, Stroke



### Stroke Mortality<sup>1</sup>, Hospitalization<sup>2</sup>, and Prevalence<sup>3</sup>, 2007-2009

	Total	White	Black	Female	Male
Mortality (per 100,000)	49.7	48.4	55.0	49.1	49.6
Hospitalization (per 100,000)	346.8	320.9	467.3	315.8	389.3
Prevalence <sup>4</sup> (%)	1.3	1.5	1.0	1.6	1.0

### Age Specific Mortality by Race, Stroke, 2007-2009<sup>1</sup>



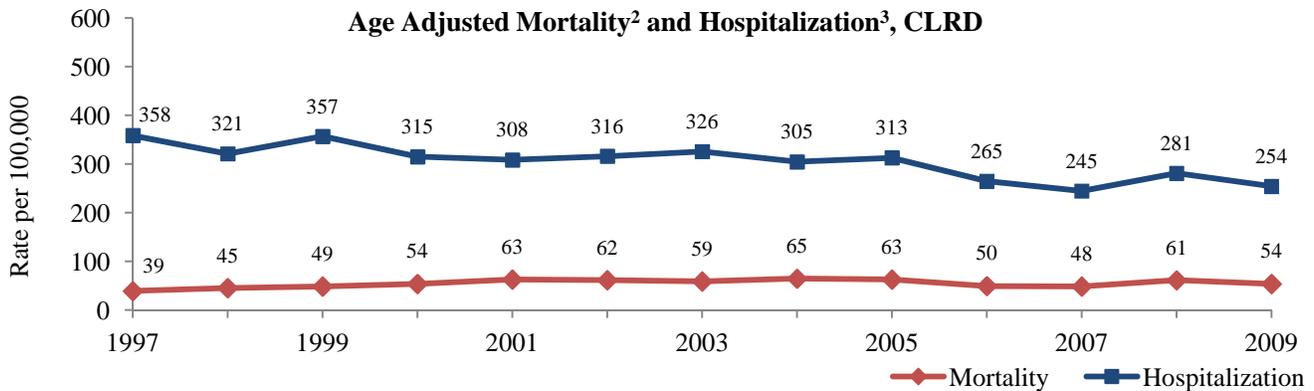
<sup>1</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

<sup>2</sup>Data 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.

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

<sup>4</sup>2009 data, NH white and NH black race groups.

## CLRD<sup>1</sup>



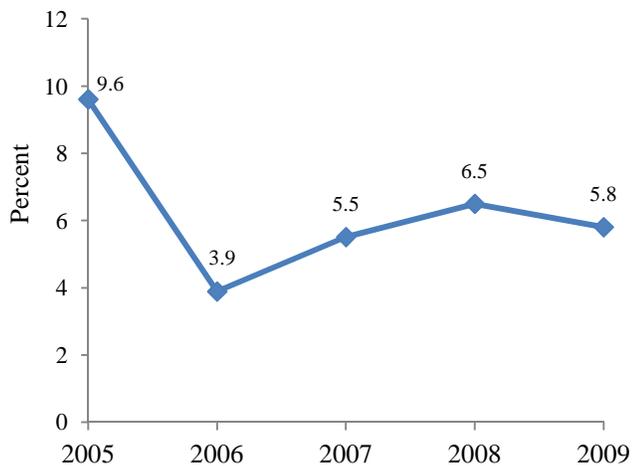
### Chronic Lower Respiratory Disease Mortality<sup>2</sup> and Hospitalization<sup>3</sup>, 2007-2009

	Total	White	Black	Female	Male
Mortality (per 100,000)	54.6	54.9	54.7	46.4	69.0
Hospitalization (per 100,000)	260.0	238.1	355.5	289.2	235.0

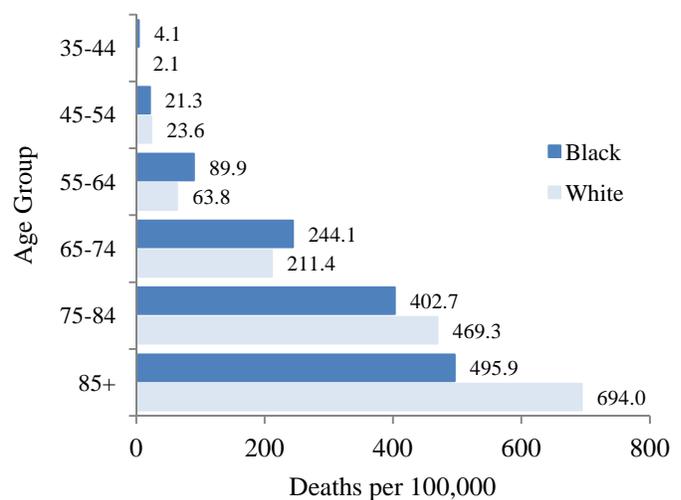
### Asthma Prevalence, 2009<sup>4</sup>

	Total	NH White	NH Black	Female	Male
Ever Had Asthma (%)	7.2	5.5	9.3	9.5	4.6
Currently Have Asthma (%)	5.8	4.1	8.3	8.3	3.0

### Prevalence of Self-Reported Current Asthma<sup>4</sup>



### Age Specific Mortality by Race, CLRD, 2007-2009<sup>2</sup>



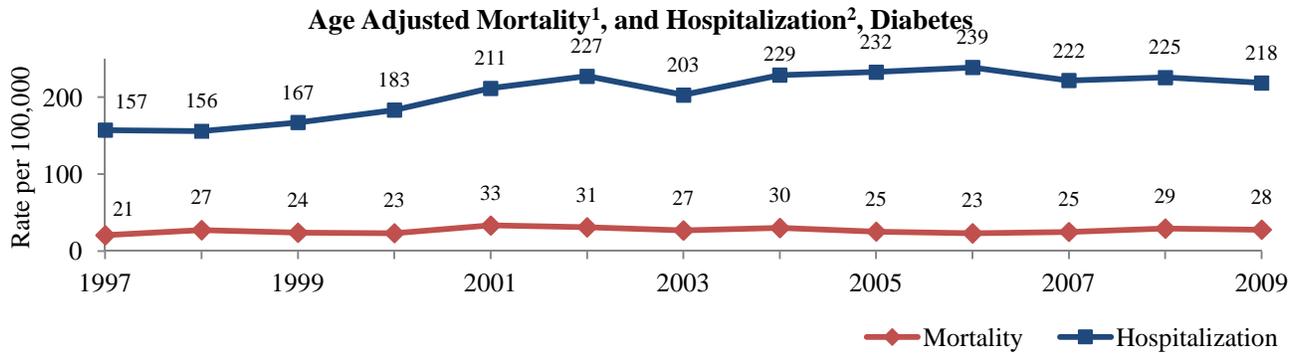
<sup>1</sup>CLRD= Chronic Lower Respiratory Disease.

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

<sup>3</sup>Data 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.

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

## Diabetes

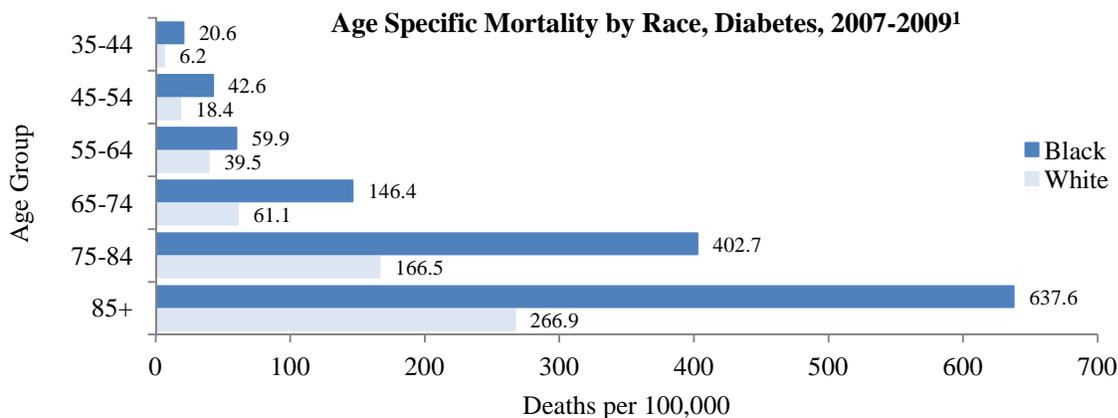


### Diabetes Mortality<sup>1</sup> and Hospitalization<sup>2</sup>, 2007-2009

	Total	White	Black	Female	Male
Mortality (per 100,000)	27.4	22.7	54.0	24.7	31.7
Hospitalization (per 100,000)	221.9	171.8	452.2	229.2	218.3

### Diabetes Prevalence<sup>3</sup> and Diabetes Management Indicators<sup>3</sup>, 2009

	Total	NH White	NH Black	Female	Male
Prevalence (%)	11.7	11.1	17.0	11.0	12.6
Self-Blood Glucose Monitoring at Least Once Daily (%)	68.0	74.2	42.2	61.9	74.2
Foot Examined by a Doctor in Past 12 Months (%)	71.6	73.1	62.9	57.7	84.5
Received a Dilated Eye Exam in past 12 Months (%)	69.7	70.6	76.4	52.1	86.8

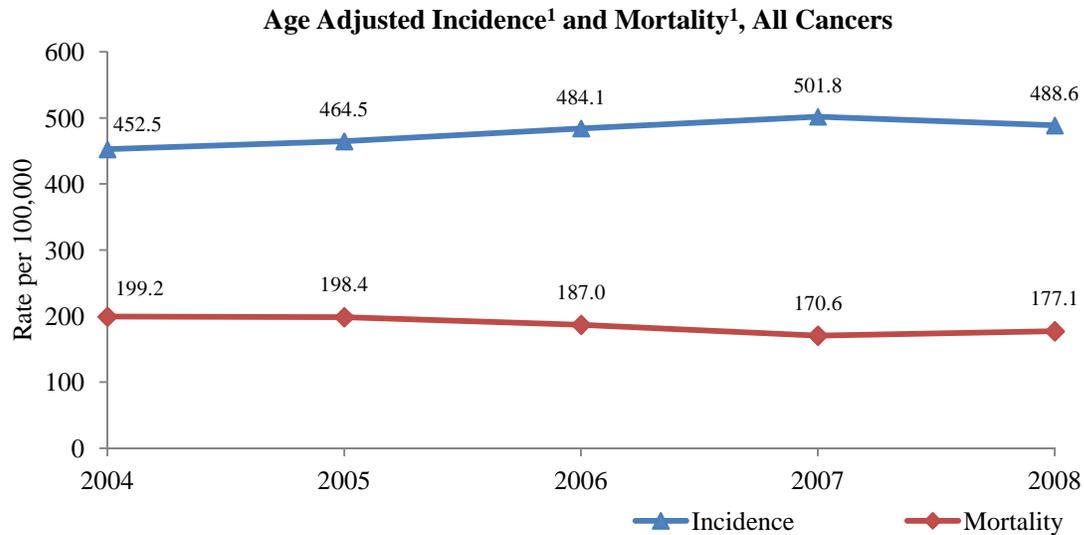


<sup>1</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

<sup>2</sup>Data 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.

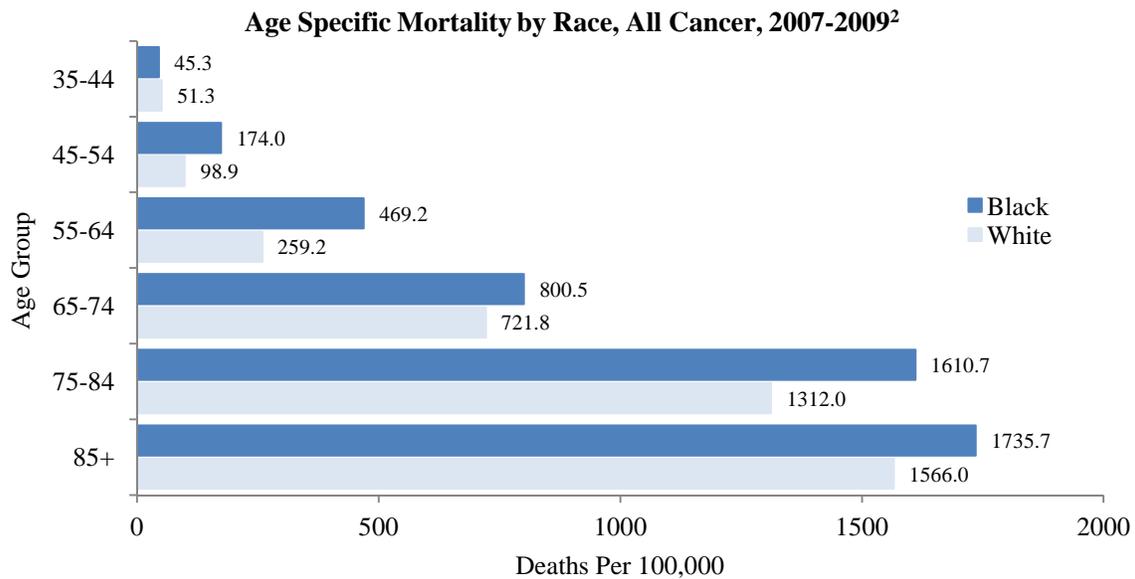
<sup>3</sup>Data Source: Tennessee Behavioral Risk Factor Surveillance System (BRFSS). Statistics are for 18+ unless indicated otherwise.

## Cancer



**Cancer Incidence<sup>1</sup> and Mortality<sup>1</sup>, 2004-2008**

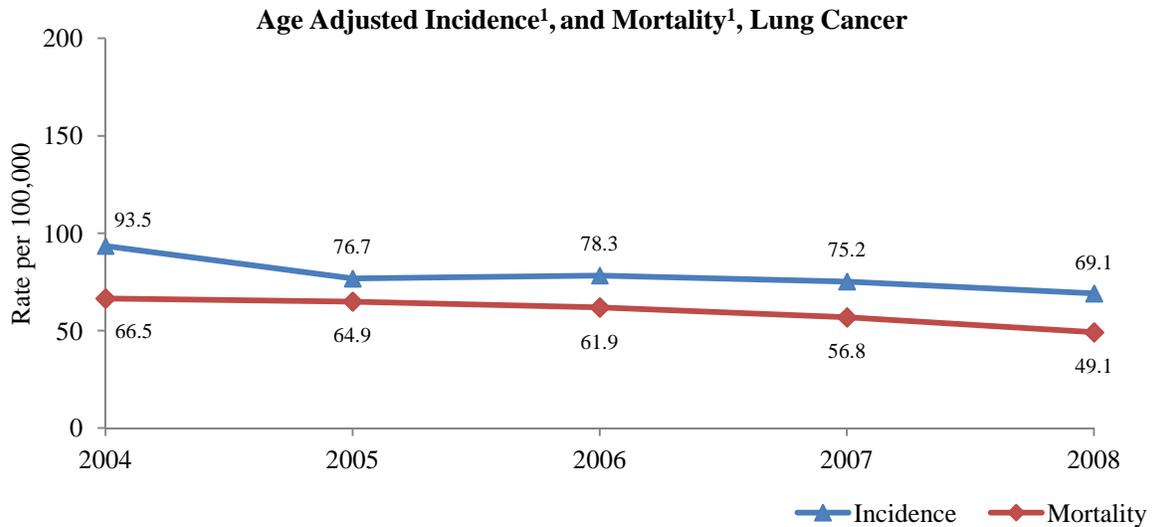
	Total	White	Black	Female	Male
Incidence (per 100,000)	478.6	485.6	456.8	409.0	581.7
Mortality (per 100,000)	186.1	182.1	212.8	147.6	246.6



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

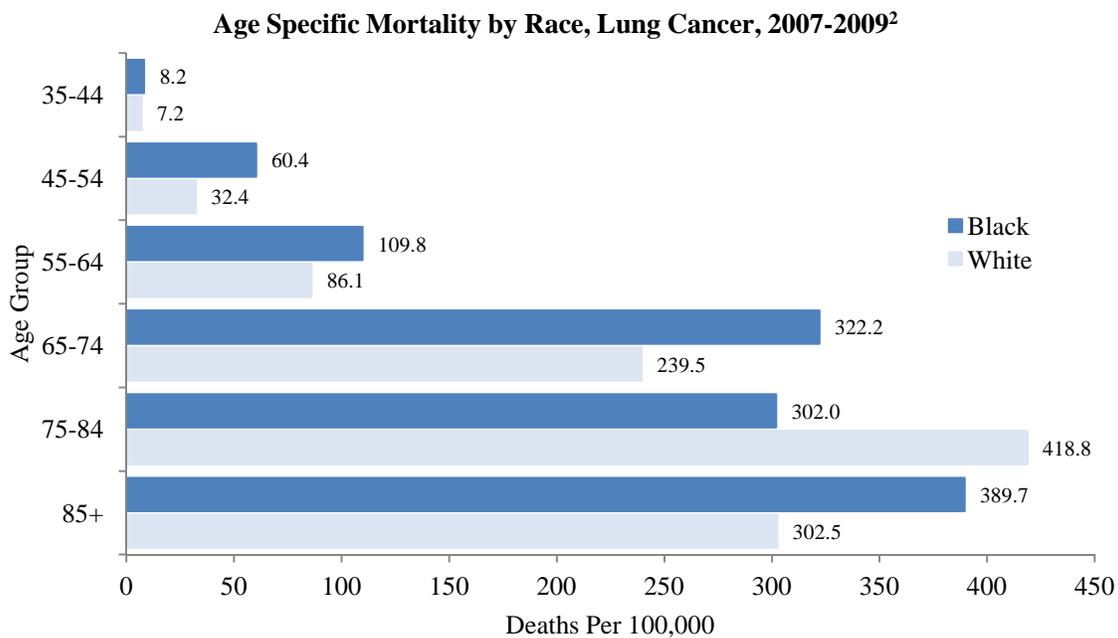
<sup>2</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

## Lung Cancer



**Lung Cancer Incidence<sup>1</sup> and Mortality<sup>1</sup>, 2004-2008**

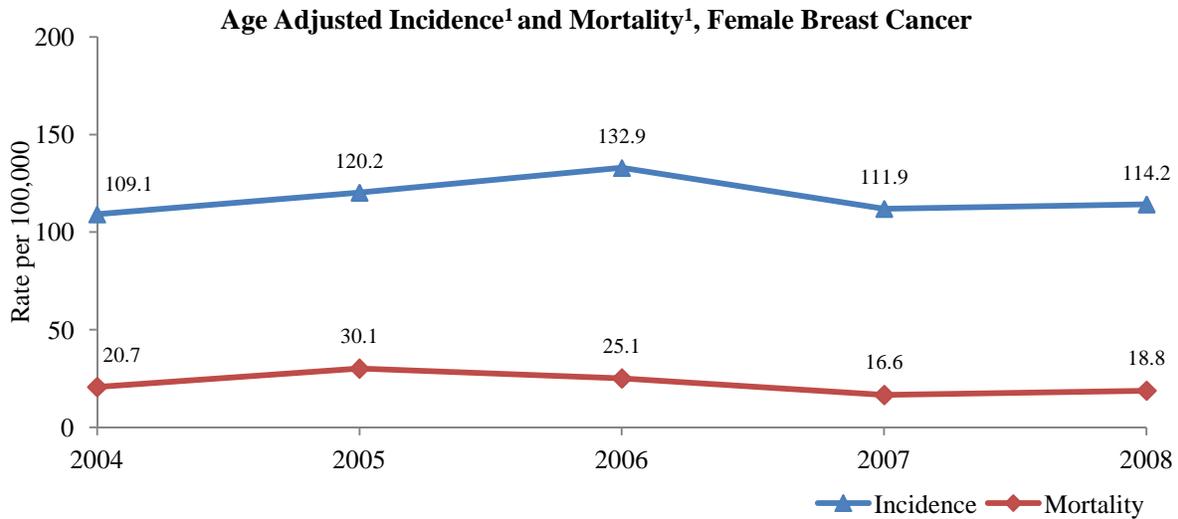
	Total	White	Black	Female	Male
Incidence (per 100,000)	78.3	79.0	76.1	60.2	104.0
Mortality (per 100,000)	59.7	58.6	65.6	43.8	82.7



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

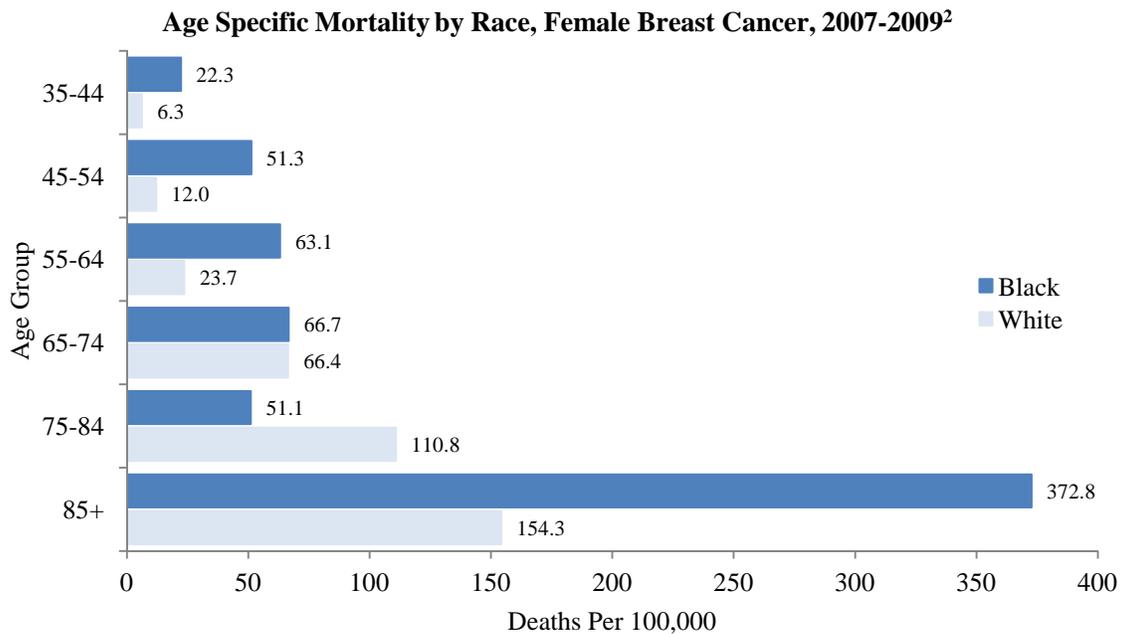
<sup>2</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

## Breast Cancer



**Female Breast Cancer Incidence<sup>1</sup> and Mortality<sup>1</sup>, 2004-2008**

	Total	White	Black
Incidence (per 100,000)	117.6	115.4	128.6
Mortality (per 100,000)	22.2	19.7	34.3

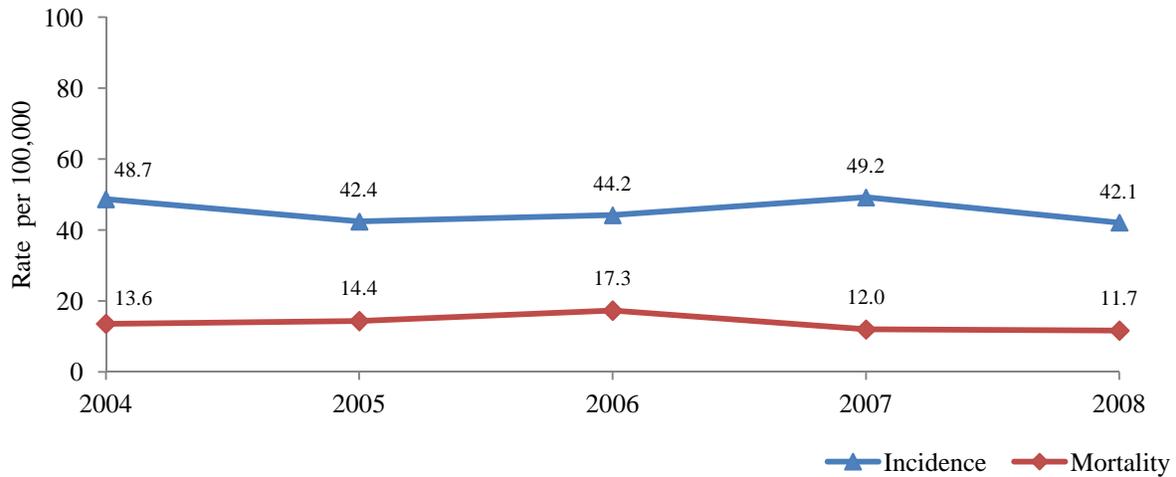


<sup>1</sup>Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

<sup>2</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

## Colorectal Cancer

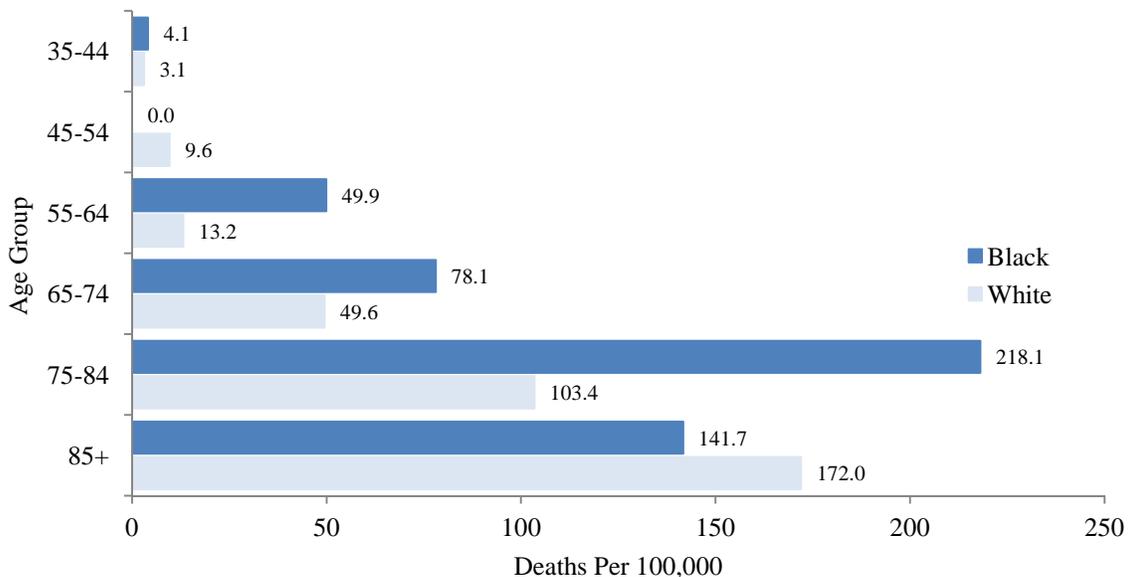
Age Adjusted Incidence<sup>1</sup> and Mortality<sup>1</sup>, Colorectal Cancer



Colorectal Cancer Incidence<sup>1</sup> and Mortality<sup>1</sup>, 2004-2008

	Total	White	Black	Female	Male
Incidence (per 100,000)	45.3	44.5	48.8	40.9	51.2
Mortality (per 100,000)	13.8	13.0	18.3	10.9	18.4

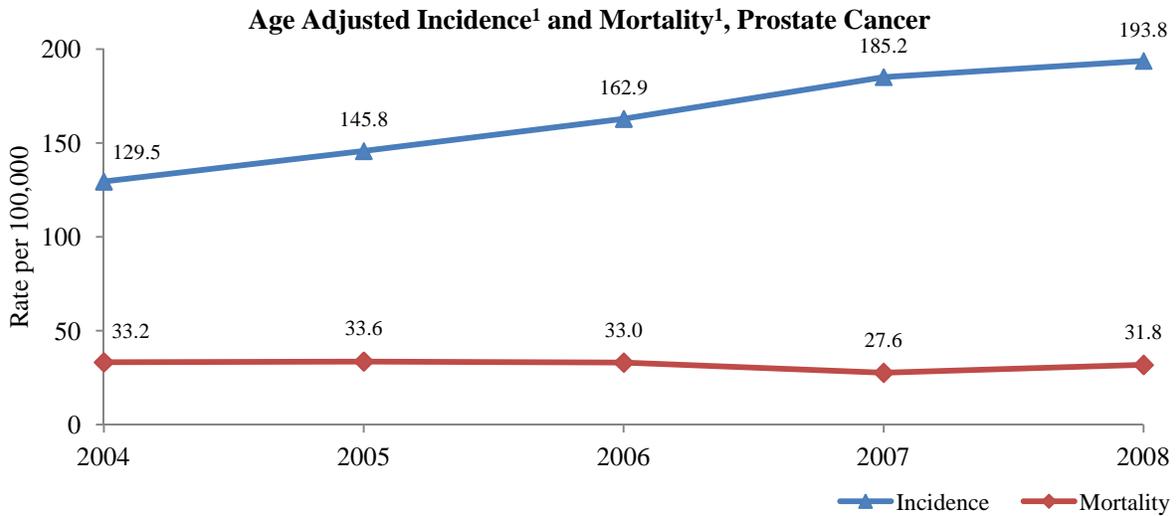
Age Specific Mortality by Race, Colorectal Cancer, 2007-2009<sup>2</sup>



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

<sup>2</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

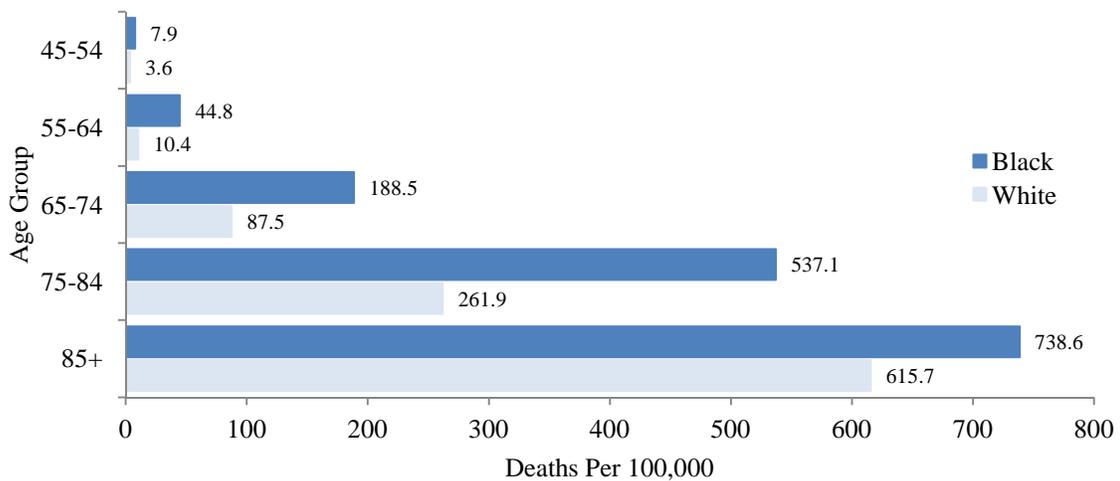
## Prostate Cancer



**Prostate Cancer Incidence<sup>1</sup> and Mortality<sup>1</sup>, 2004-2008**

	Total	White	Black
Incidence (per 100,000)	164.3	155.5	224.1
Mortality (per 100,000)	31.7	27.0	64.8

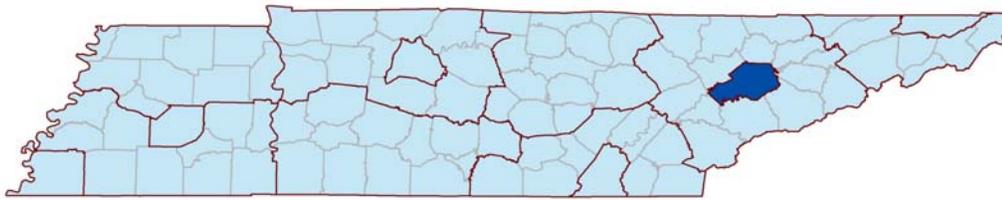
**Age Specific Mortality by Race, Prostate Cancer, 2007-2009<sup>2</sup>**



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

<sup>2</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

## Demographics

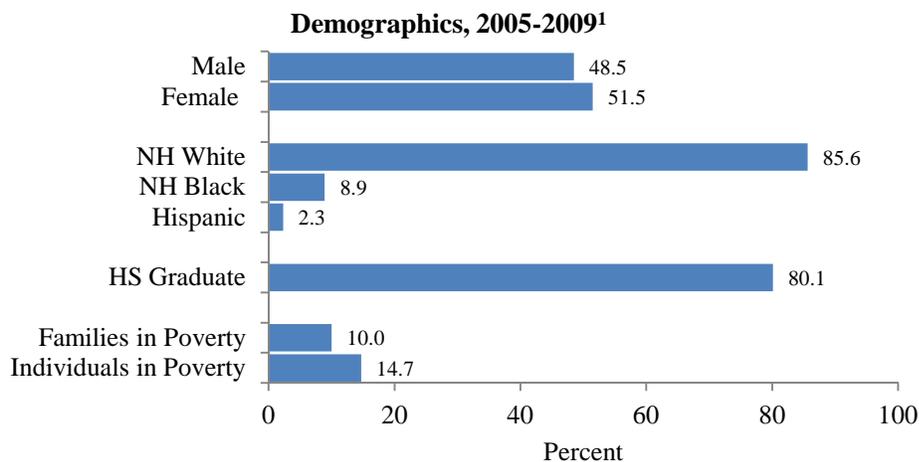


### Quick Facts

Median Age <sup>1</sup> :	37.0
Median Income <sup>1</sup> :	\$ 46,233
Home Ownership <sup>1</sup> :	71.4%
Unemployment <sup>1</sup> :	5.6%
Crime Rate <sup>2</sup> (per 1,000) :	85.2
Teen Pregnancy Rate <sup>3</sup> (per 1,000)	
Overall:	48
White:	41.6
Black:	100.4
Infant Mortality <sup>4</sup> (per 1,000)	
Overall:	5.6
White:	1
Black:	12.6
Automobile Accident Deaths <sup>4</sup> (per 100,000):	15.2

### Population by Age, Gender, and Race Distribution (2005-2009)<sup>1</sup>

Age	Gender		Race			Total
	Female	Male	Non-Hispanic White	Non-Hispanic Black	Hispanic	
<18	45,014	47,760	74,142	10,130	3,804	92,774
18-44	84,726	82,378	141,800	15,616	4,260	167,104
45-64	56,361	53,229	96,847	8,493	1,448	109,590
65+	32,005	22,182	49,732	3,347	387	54,187
Total	218,106	205,549	362,521	37,586	9,899	423,655



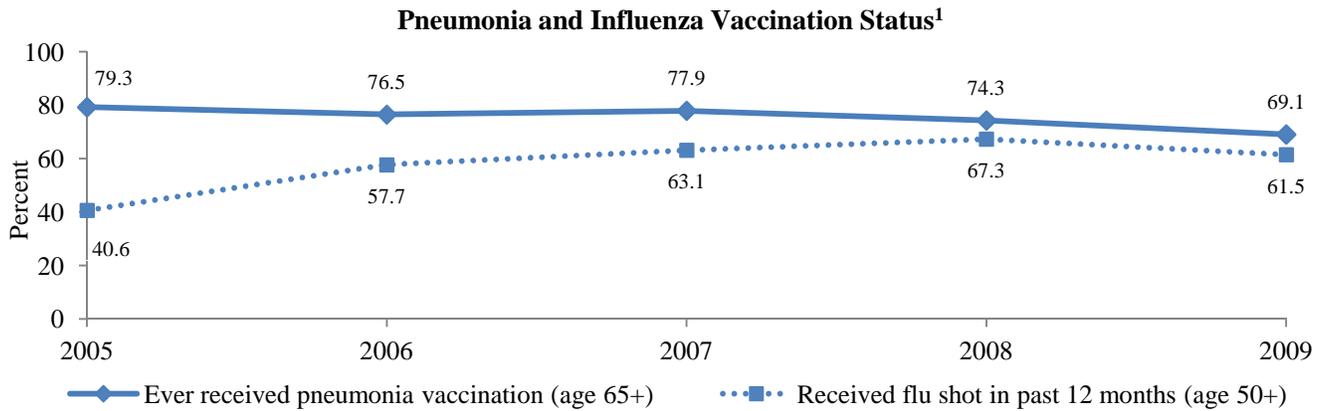
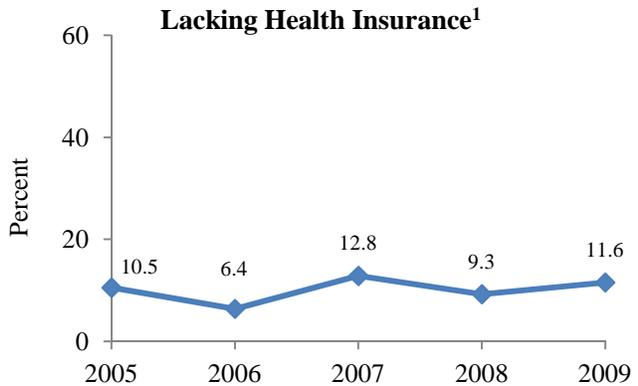
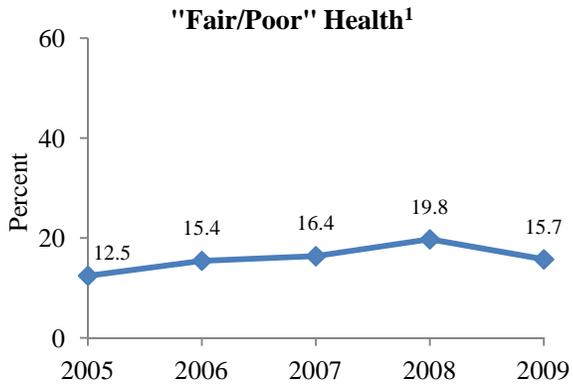
<sup>1</sup>Data Source: U.S. Census Bureau, American Community Survey, 2005-2009.

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

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

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

## General Health



### Prevalence for General Health Indicators Among Adults 18+, 2009<sup>1</sup>

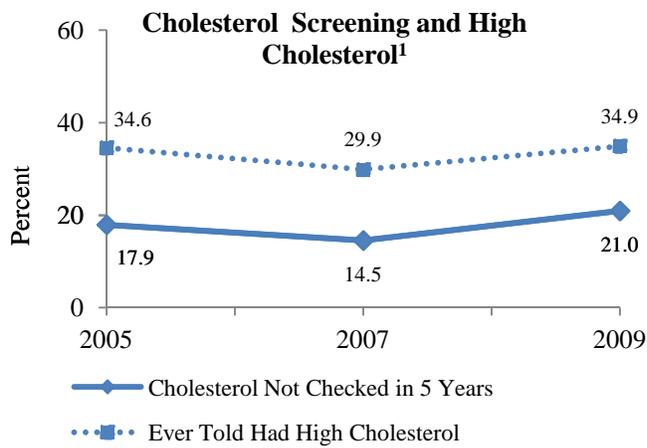
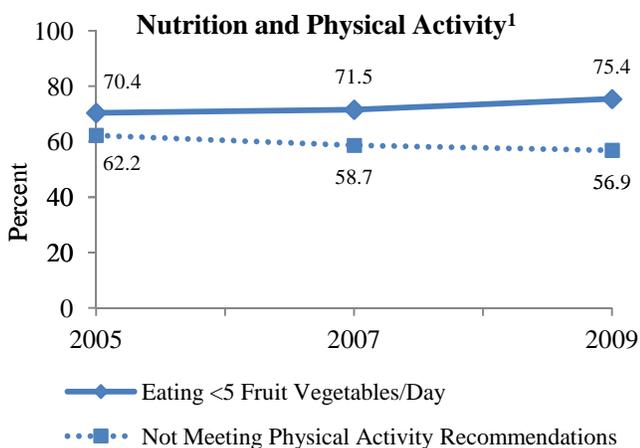
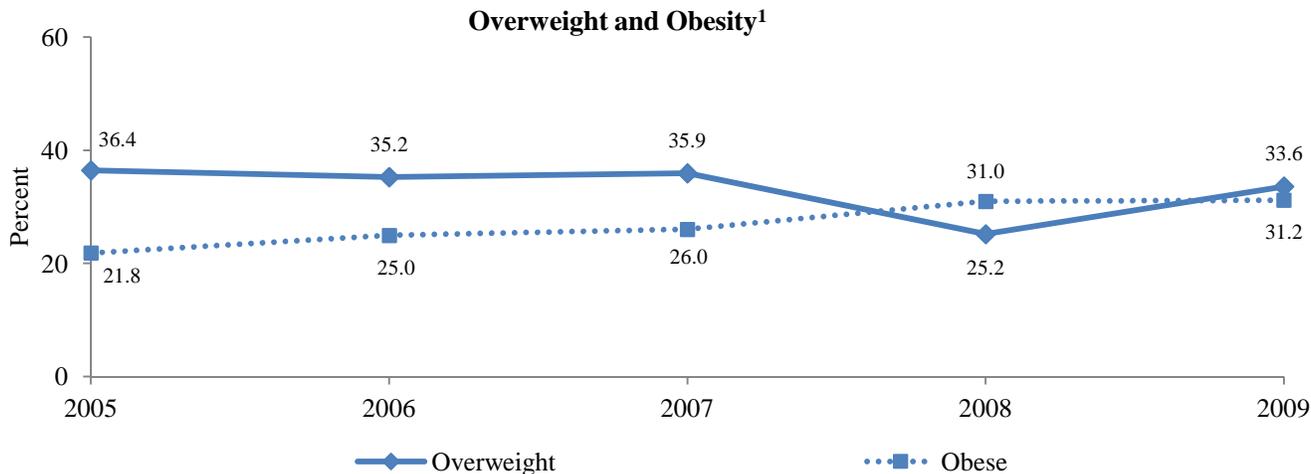
Indicator	Total	NH White	NH Black	Female	Male
Fair/Poor Health Status (%)	15.6	16.4	11.4	14.4	16.9
Lacking Health Insurance (%)	11.4	9.3	35.0	6.6	16.8
Ever Received Pneumonia Vaccination <sup>2</sup> (%)	69.1	67.8	78.3	63.2	78.1
Received Flu Shot in Past 12 Months <sup>3</sup> (%)	61.5	62.3	67.7	64.7	57.4
Mean # of Days of Poor Physical Health per Month	11.0	11.1	13.8	10.9	11.1
Mean # of Days of Poor Mental Health per Month	10.6	11.0	7.7	10.7	10.5

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

<sup>2</sup>Age 65+.

<sup>3</sup>Age 50+.

## Behavioral Risk Factors



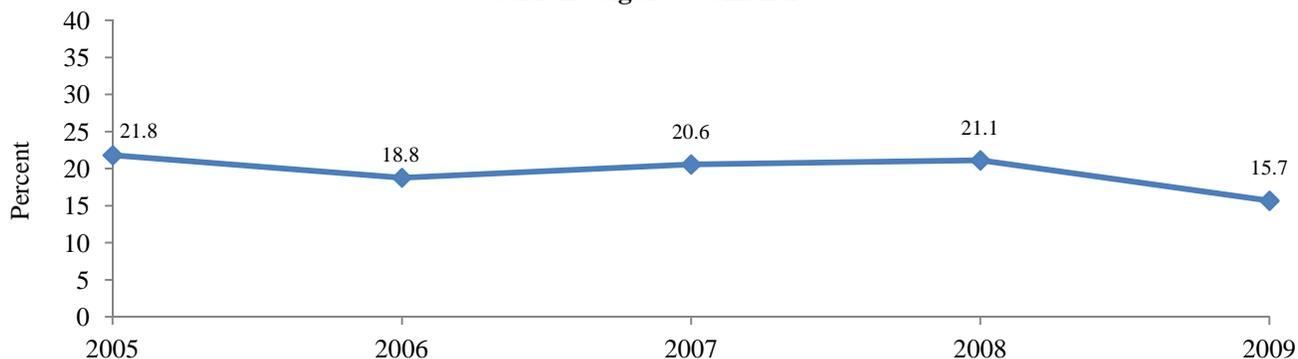
### Prevalence for Behavioral Risk Factors, 2009<sup>1</sup>

Risk factor	Total	NH White	NH Black	Female	Male
Eating <5 Fruits & Vegetables per Day (%)	75.4	74.7	73.2	69.3	82.5
Not Meeting Physical Activity Recommendations (%)	56.9	54.1	81.6	58.6	54.8
Overweight or Obese (%)	64.7	65.2	79.3	58.2	71.3
Have Not Checked Cholesterol Within the Past 5 Years (%)	21.0	19.8	34.9	15.9	26.5
Ever Told High Cholesterol (%)	34.9	34.2	49.3	48.1	24.3
Ever Told High Blood Pressure (%)	31.5	29.9	53.2	31.2	31.8

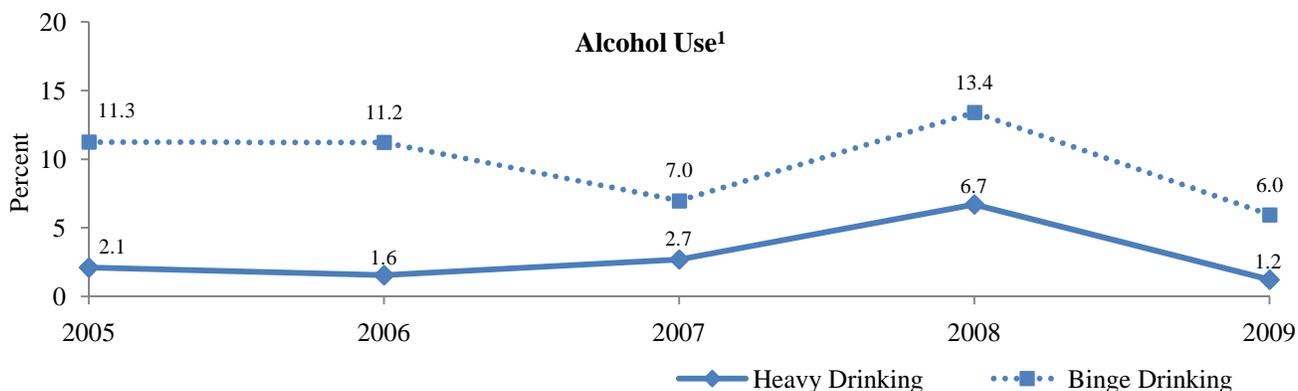
<sup>1</sup>Data Source: Tennessee Behavioral Risk Factor Surveillance System (BRFSS). Statistics are for 18+ unless indicated otherwise.

## Cigarette & Alcohol Use

**Current Cigarette Smokers<sup>1</sup>**



**Alcohol Use<sup>1</sup>**



**Prevalence for Alcohol and Tobacco Use, 2009<sup>1</sup>**

Indicator	Total	NH White	NH Black	Female	Male
Heavy Drinking (%)	1.2	1.4	0.0	2.3	0.0
Binge Drinking (%)	6.0	6.8	0.0	7.0	4.8
Current Smokers (%)	15.7	16.9	9.0	13.9	17.6

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

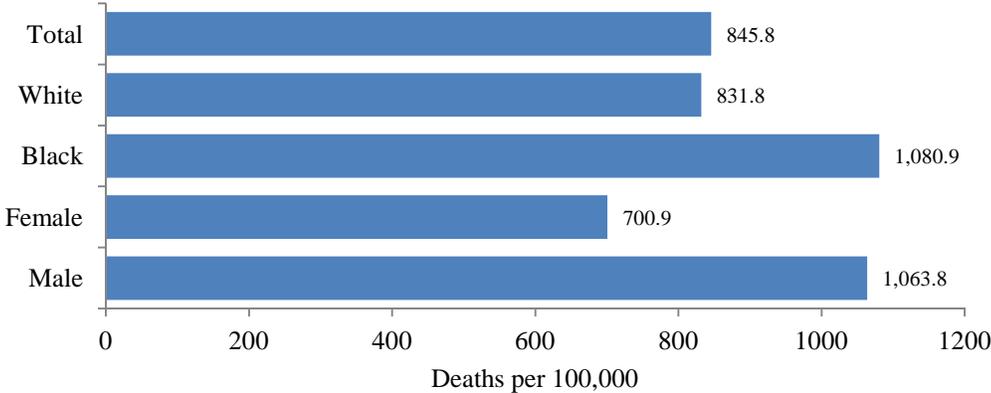
## Leading Causes of Death

### Leading Causes of Death, 2007-2009<sup>1</sup>

Rank <sup>2</sup>	Cause	# Deaths	Age Adjusted Mortality Rate <sup>3</sup> and Demographic Ranking				
			Total	White	Black	Female	Male
1	Cancer	2,572	189.3	187.8	213.8	153.1	250.0
2	Heart disease	2,424	178.1	175.2	233.1	137.9	238.3
3	Chronic lower respiratory diseases	720	53.8	55.0	35.4	49.2	60.7
4	Accidents	646	49.3	50.3	43.3	34.0	68.1
5	Stroke	609	45.5	44.7	53.1	43.7	47.9
6	Alzheimer's disease	485	35.9	36.0	33.7	36.6	35.0
7	Influenza and pneumonia	311	23.2	23.1	25.5	20.5	29.9
8	Diabetes mellitus	257	19.1	18.0	40.1	16.4	23.5
9	Kidney disease	205	15.3	13.4	44.9	13.6	18.5
10	Suicide	201	15.4	16.4	4.8	7.3	24.4



**All Cause Mortality by Race, 2007-2009<sup>1,3</sup>**

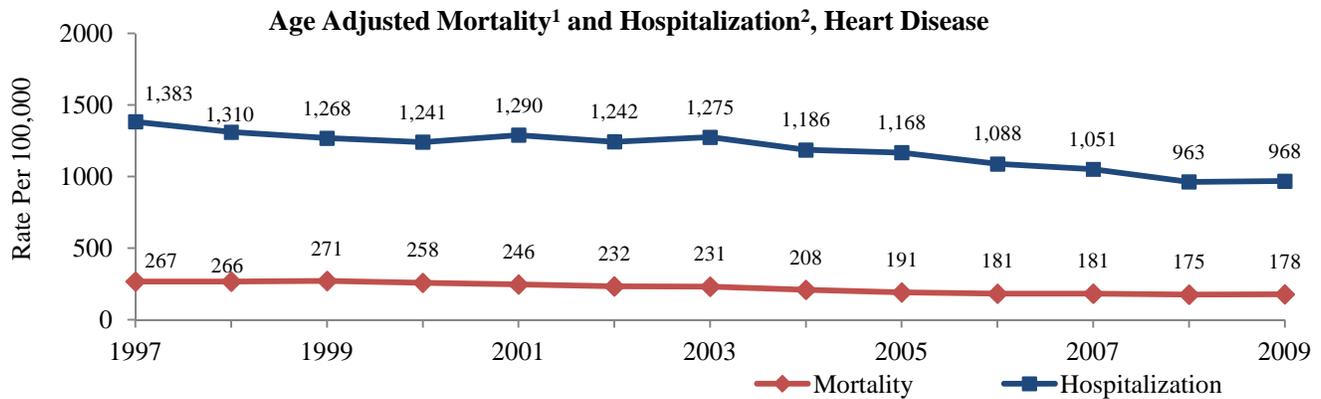


<sup>1</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjusted to the 2000 standard US population.

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

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

## Heart Disease

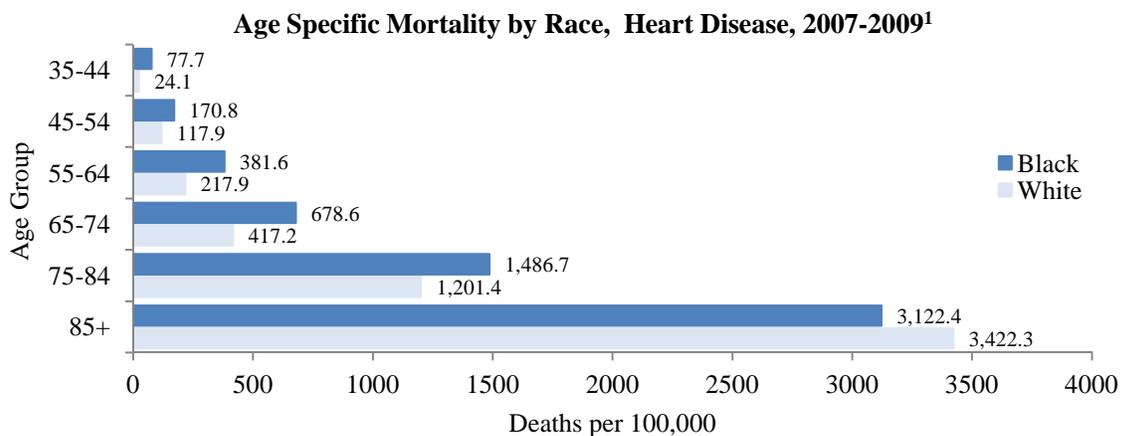


### Heart Disease Mortality<sup>1</sup> and Hospitalization<sup>2</sup>, 2007-2009

	Total	White	Black	Female	Male
Mortality (per 100,000)	178.1	175.2	233.1	137.9	238.3
Hospitalization (per 100,000)	993.3	723.1	1,225.4	771.2	1,279.4

### Heart Disease Prevalence<sup>3</sup>, 2009

	Total	NH White	NH Black	Female	Male
Prevalence of MI <sup>4</sup> (%)	3.2	3.2	2.0	2.1	4.3
Prevalence of CHD <sup>5</sup> (%)	4.5	4.8	0.9	6.6	2.6



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

<sup>2</sup>Data 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.

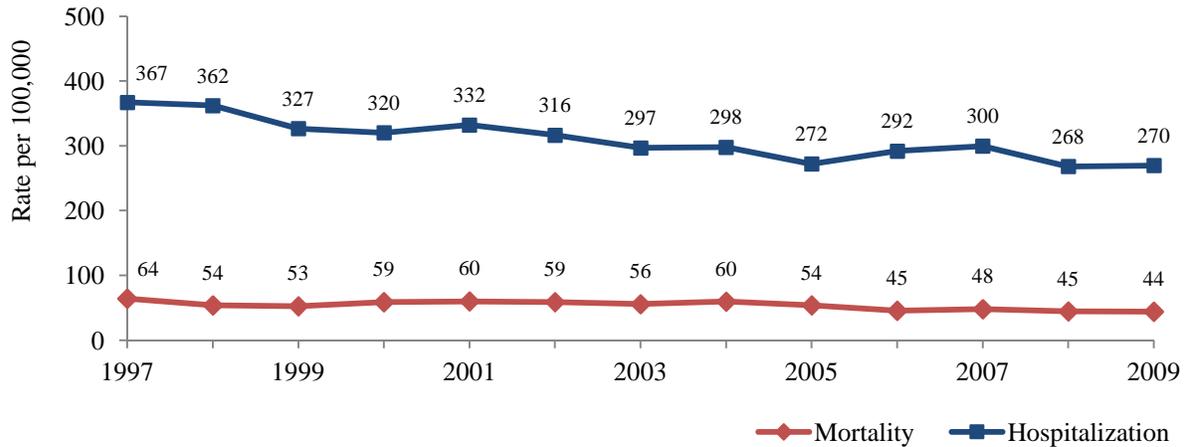
<sup>3</sup>Data Source: Tennessee Behavioral Risk Factor Surveillance System (BRFSS). Statistics are for 18+ unless indicated otherwise.

<sup>4</sup>MI= Myocardial Infarction.

<sup>5</sup>CHD=Coronary Heart Disease.

## Stroke

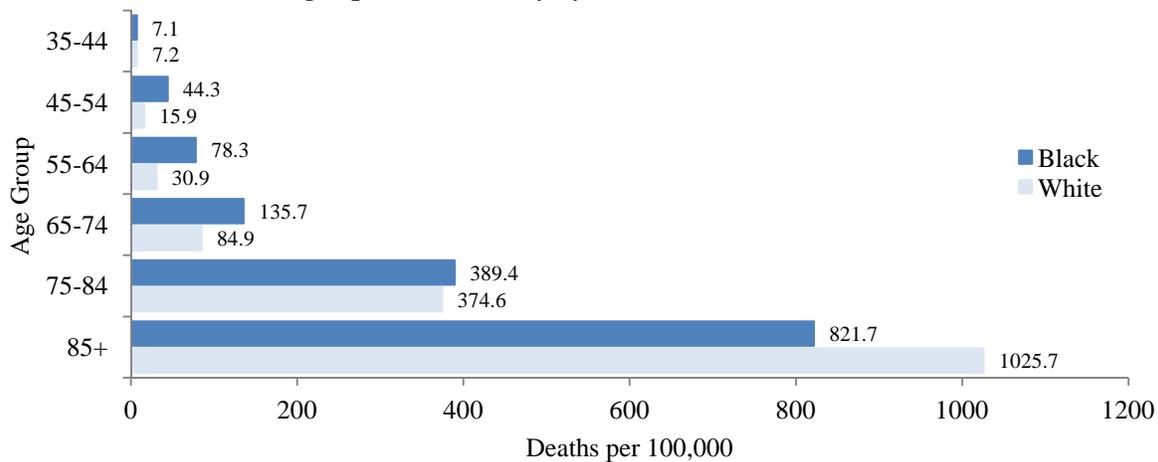
### Age Adjusted Mortality<sup>1</sup> and Hospitalization<sup>2</sup>, Stroke



### Stroke Mortality<sup>1</sup>, Hospitalization<sup>2</sup>, and Prevalence<sup>3</sup>, 2007-2009

	Total	White	Black	Female	Male
Mortality (per 100,000)	45.5	44.7	53.1	43.7	47.9
Hospitalization (per 100,000)	278.9	203.1	348.0	265.4	300.1
Prevalence <sup>4</sup> (%)	3.1	3.2	2.3	2.3	4.1

### Age Specific Mortality by Race, Stroke, 2007-2009<sup>1</sup>



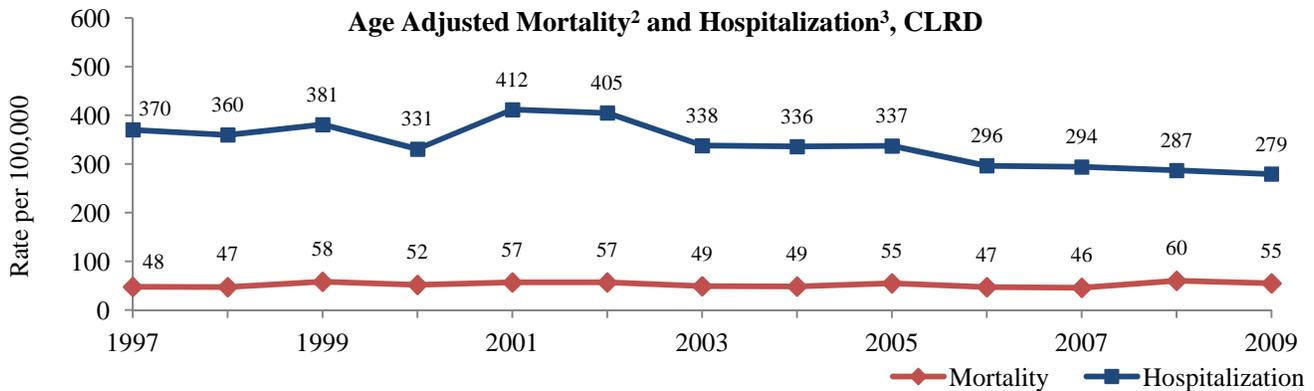
<sup>1</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

<sup>2</sup>Data 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.

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

<sup>4</sup>2009 data, NH white and NH black race groups.

## CLRD<sup>1</sup>



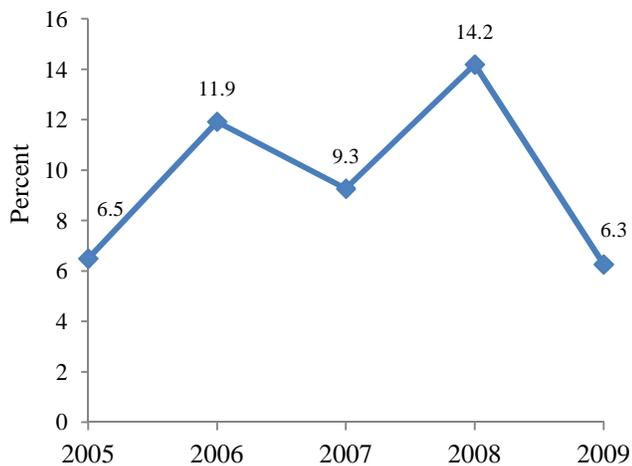
### Chronic Lower Respiratory Disease Mortality<sup>2</sup> and Hospitalization<sup>3</sup>, 2007-2009

	Total	White	Black	Female	Male
Mortality (per 100,000)	53.8	55.0	35.4	49.2	60.7
Hospitalization (per 100,000)	286.9	218.6	404.7	312.9	258.0

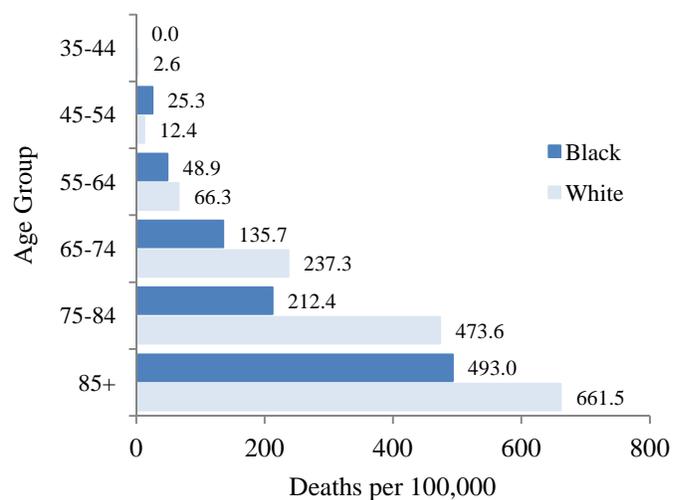
### Asthma Prevalence, 2009<sup>4</sup>

	Total	NH White	NH Black	Female	Male
Ever Had Asthma (%)	7.9	7.3	14.9	7.3	8.7
Currently Have Asthma (%)	6.3	5.6	14.9	6.7	5.8

### Prevalence of Self-Reported Current Asthma<sup>4</sup>



### Age Specific Mortality by Race, CLRD, 2007-2009<sup>2</sup>



<sup>1</sup>CLRD= Chronic Lower Respiratory Disease.

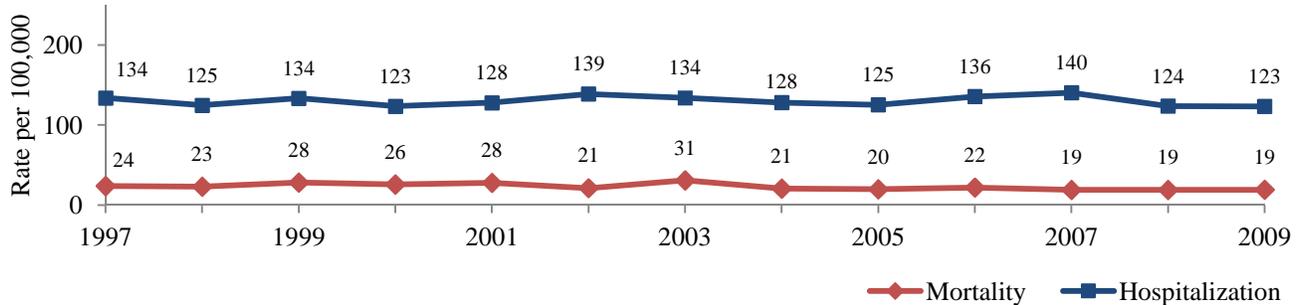
<sup>2</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

<sup>3</sup>Data 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.

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

## Diabetes

### Age Adjusted Mortality<sup>1</sup>, and Hospitalization<sup>2</sup>, Diabetes

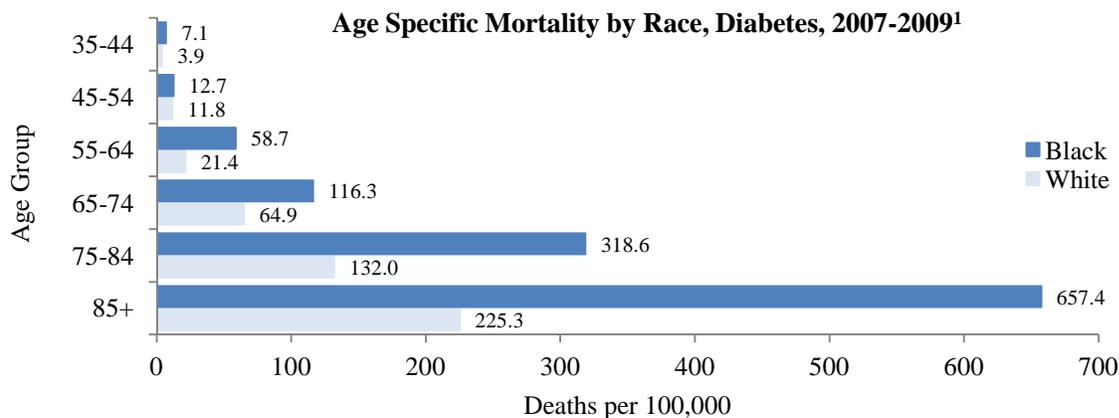


### Diabetes Mortality<sup>1</sup> and Hospitalization<sup>2</sup>, 2007-2009

	Total	White	Black	Female	Male
Mortality (per 100,000)	19.1	18.0	40.1	16.4	23.5
Hospitalization (per 100,000)	129.0	83.3	315.4	104.4	156.9

### Diabetes Prevalence<sup>3</sup> and Diabetes Management Indicators<sup>3</sup>, 2009

	Total	NH White	NH Black	Female	Male
Prevalence (%)	11.0	12.3	3.3	8.7	13.6
Self-Blood Glucose Monitoring at Least Once Daily (%)	73.1	73.1	70.2	75.6	71.3
Foot Examined by a Doctor in Past 12 Months (%)	78.5	78.7	70.2	74.9	81.5
Received a Dilated Eye Exam in past 12 Months (%)	89.8	90.4	70.2	83.2	94.6

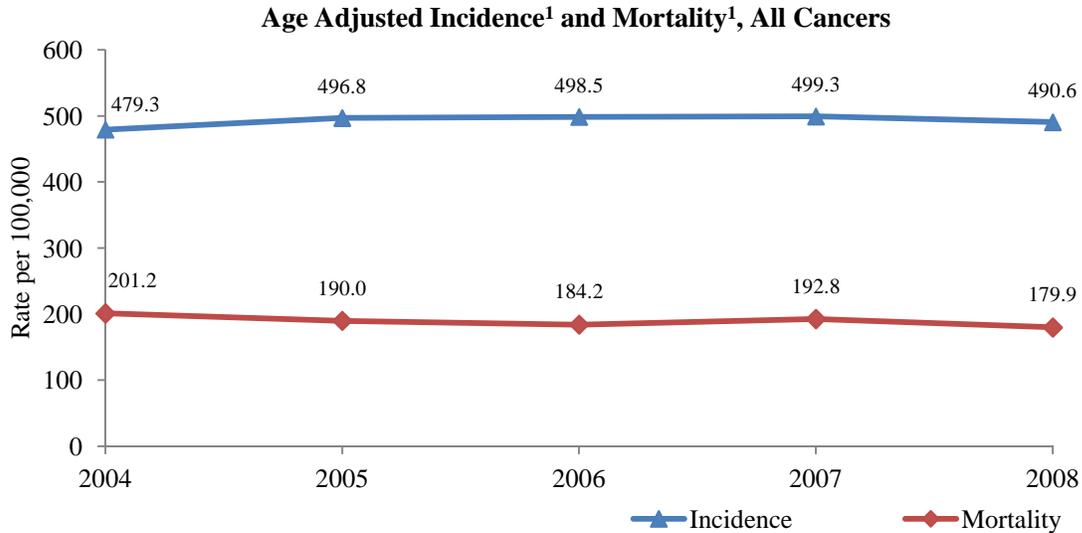


<sup>1</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

<sup>2</sup>Data 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.

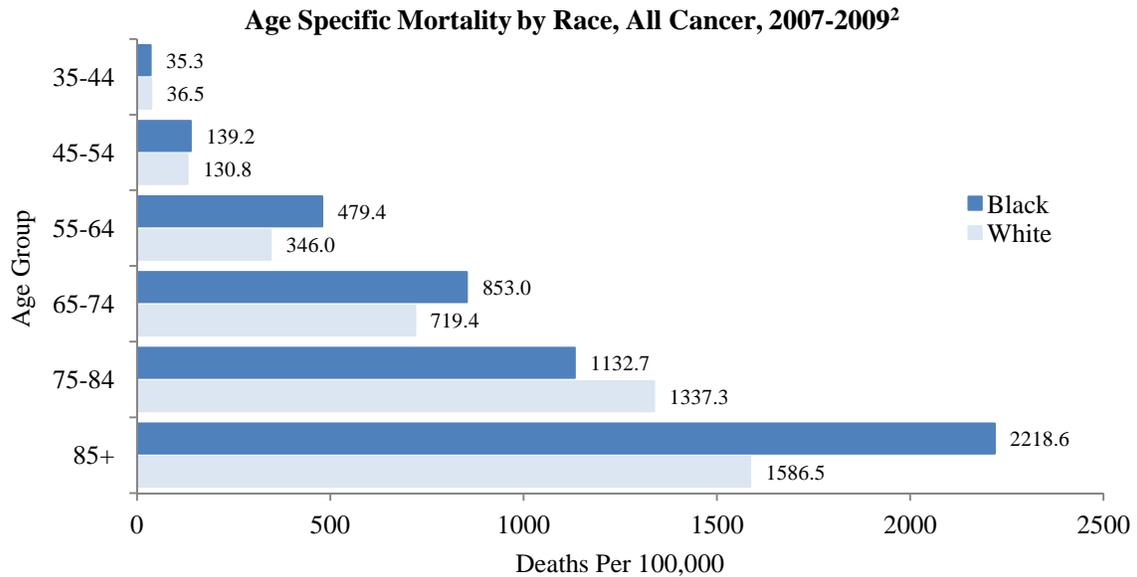
<sup>3</sup>Data Source: Tennessee Behavioral Risk Factor Surveillance System (BRFSS). Statistics are for 18+ unless indicated otherwise.

## Cancer



**Cancer Incidence<sup>1</sup> and Mortality<sup>1</sup>, 2004-2008**

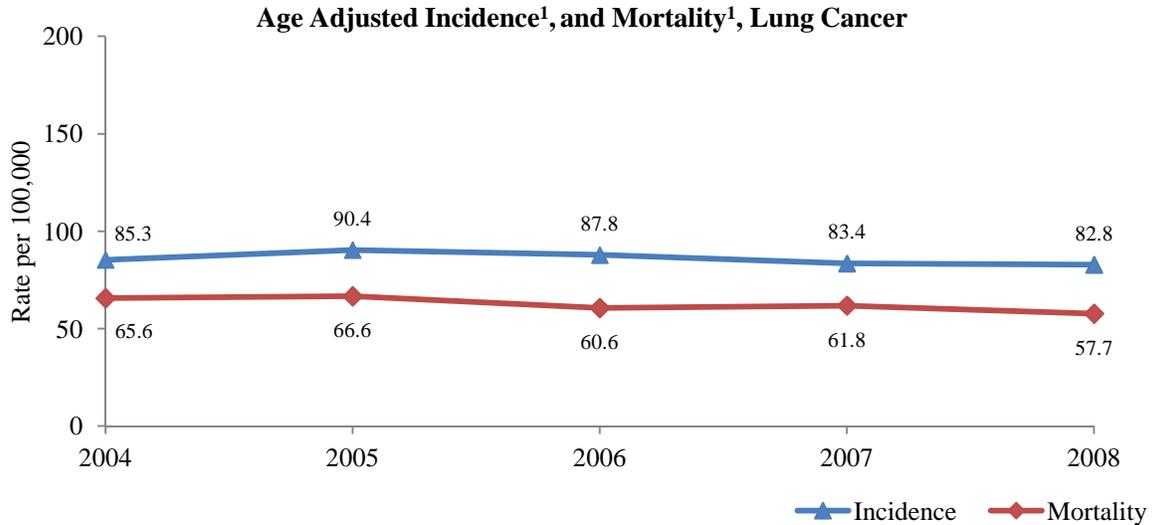
	Total	White	Black	Female	Male
Incidence (per 100,000)	493.0	497.1	441.2	417.5	602.2
Mortality (per 100,000)	189.4	188.1	227.4	158.2	237.8



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

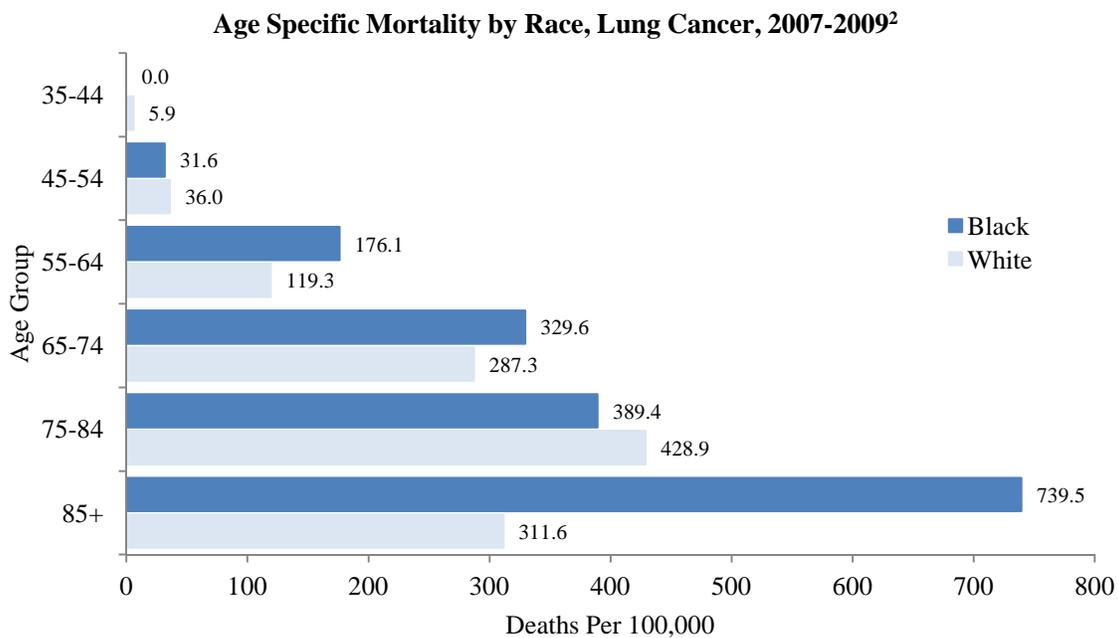
<sup>2</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

## Lung Cancer



**Lung Cancer Incidence<sup>1</sup> and Mortality<sup>1</sup>, 2004-2008**

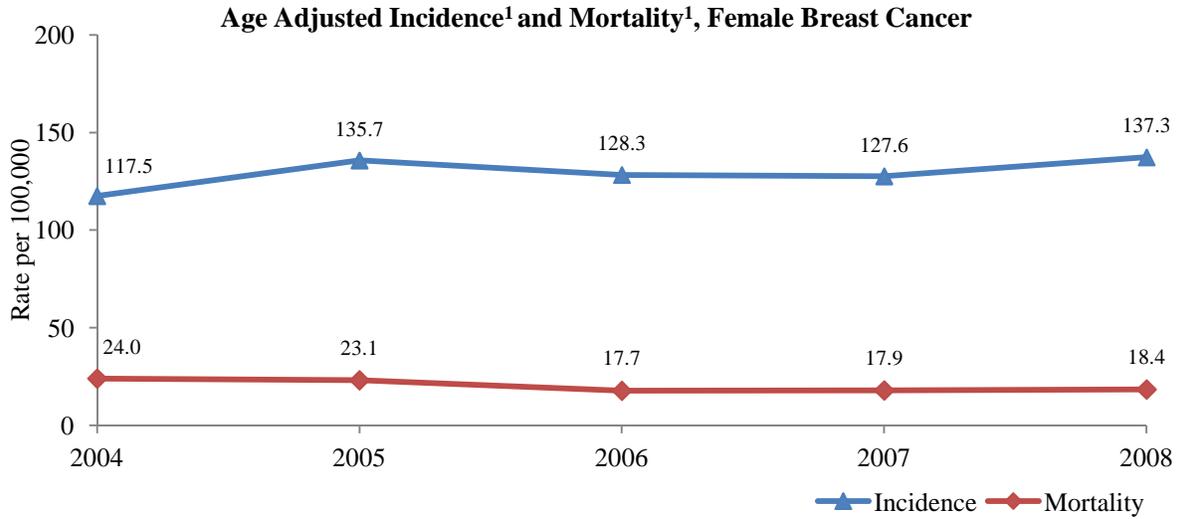
	Total	White	Black	Female	Male
Incidence (per 100,000)	85.9	86.1	86.9	65.8	113.1
Mortality (per 100,000)	62.3	61.8	77.9	48.1	82.4



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

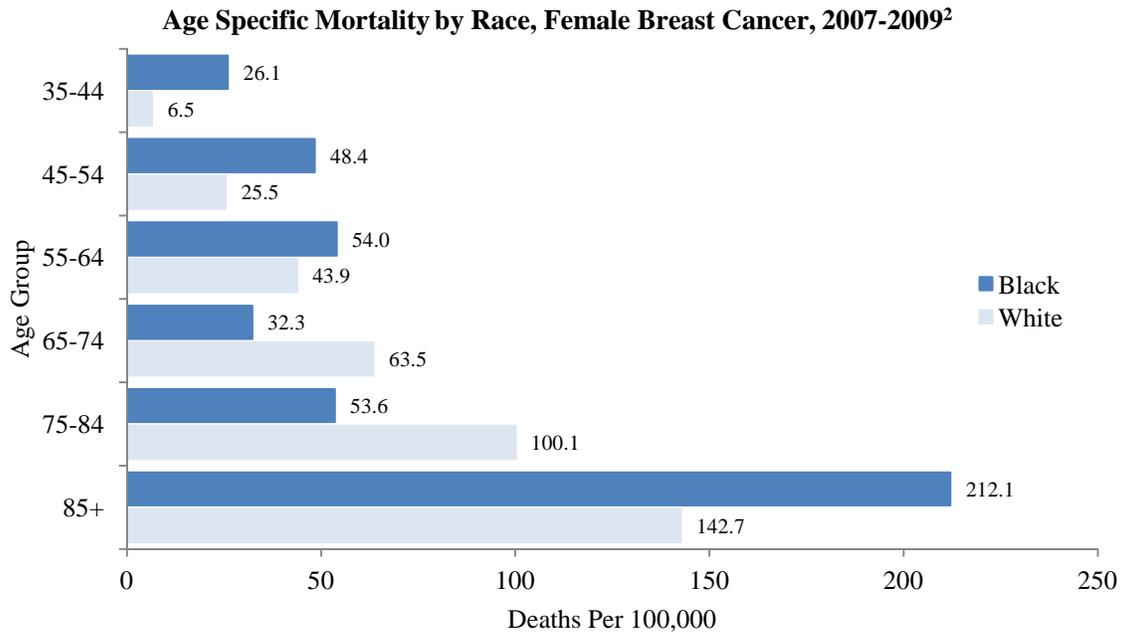
<sup>2</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

## Breast Cancer



**Female Breast Cancer Incidence<sup>1</sup> and Mortality<sup>1</sup>, 2004-2008**

	Total	White	Black
Incidence (per 100,000)	129.1	130.2	116.7
Mortality (per 100,000)	20.2	20.1	21.7

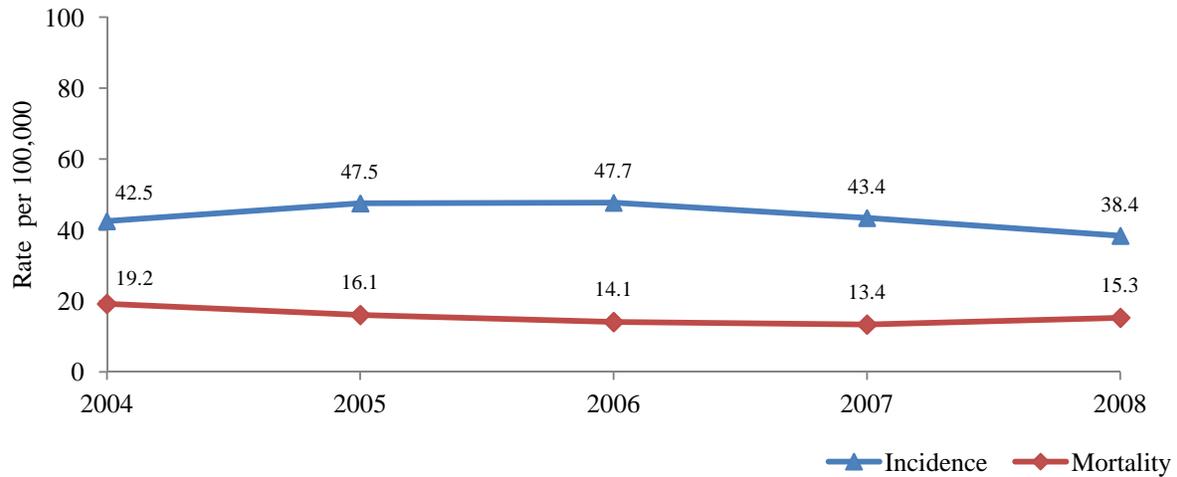


<sup>1</sup>Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

<sup>2</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

## Colorectal Cancer

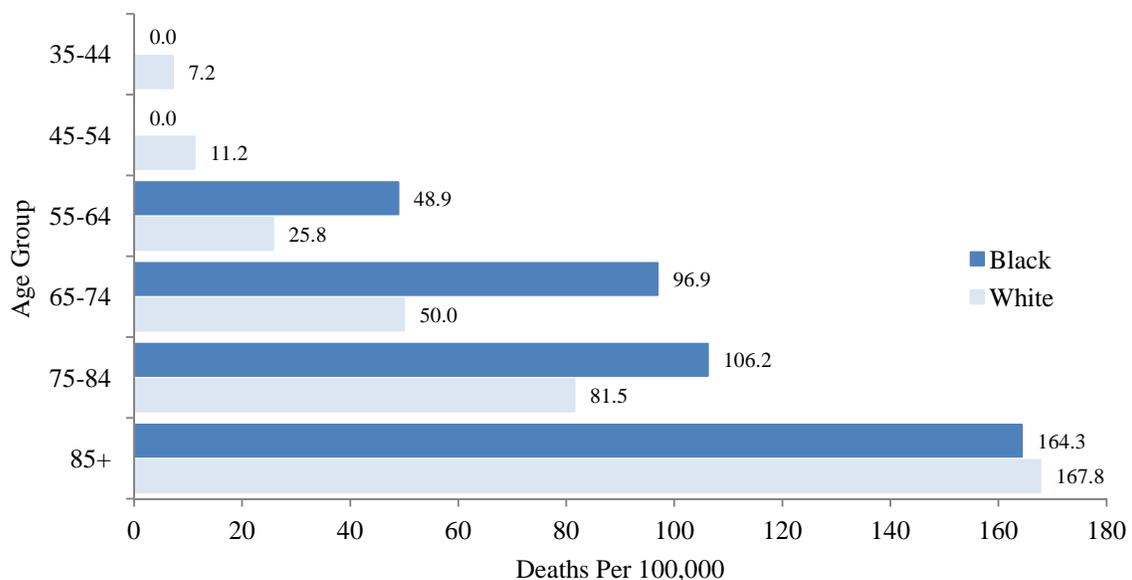
**Age Adjusted Incidence<sup>1</sup> and Mortality<sup>1</sup>, Colorectal Cancer**



**Colorectal Cancer Incidence<sup>1</sup> and Mortality<sup>1</sup>, 2004-2008**

	Total	White	Black	Female	Male
Incidence (per 100,000)	43.8	43.5	44.2	36.7	53.6
Mortality (per 100,000)	15.6	14.8	29.5	12.7	19.4

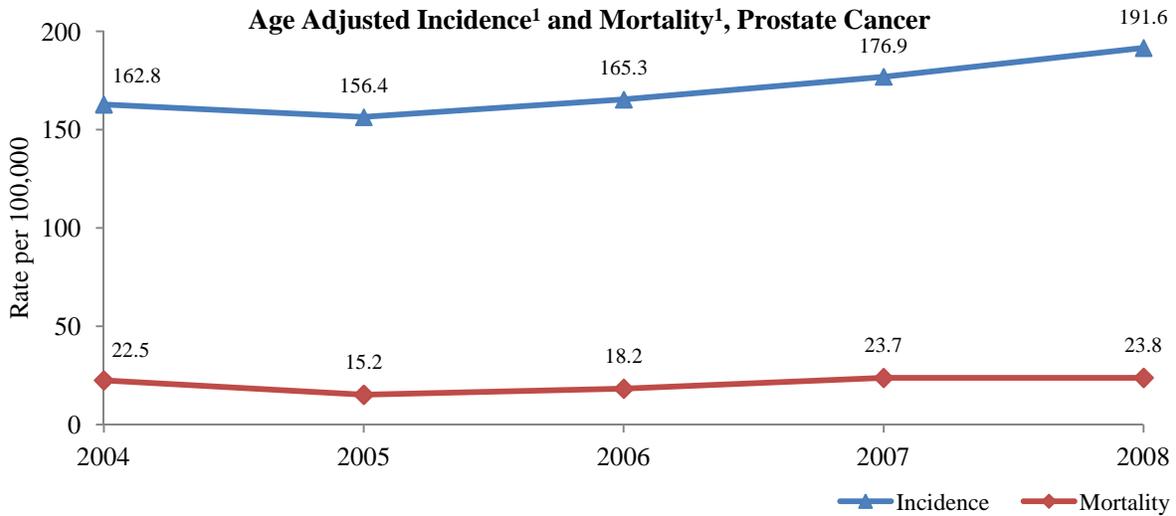
**Age Specific Mortality by Race, Colorectal Cancer, 2007-2009<sup>2</sup>**



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

<sup>2</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

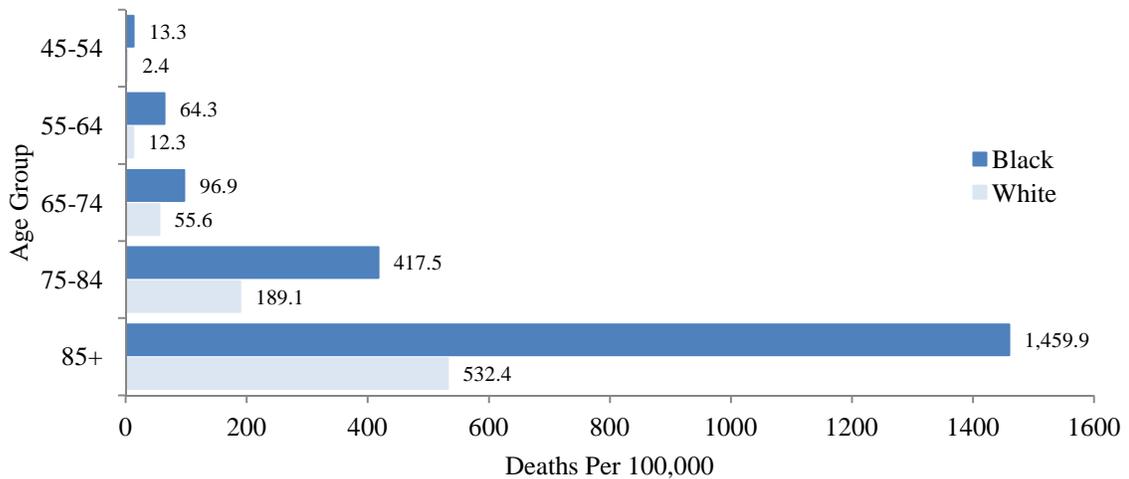
## Prostate Cancer



**Prostate Cancer Incidence<sup>1</sup> and Mortality<sup>1</sup>, 2004-2008**

	Total	White	Black
Incidence (per 100,000)	171.1	168.1	215.9
Mortality (per 100,000)	20.8	18.6	61.7

**Age Specific Mortality by Race, Prostate Cancer, 2007-2009<sup>2</sup>**

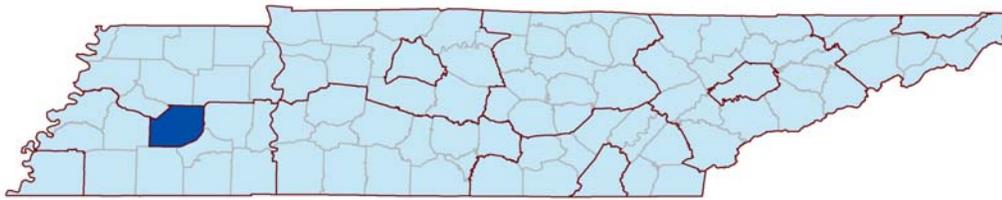


<sup>1</sup>Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

<sup>2</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

# Madison

## Demographics

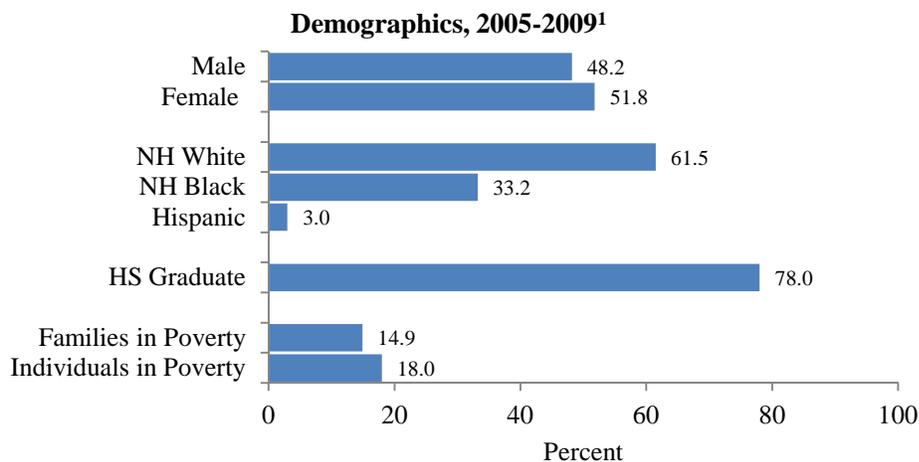


## Quick Facts

Median Age <sup>1</sup> :	35.7
Median Income <sup>1</sup> :	\$ 39,743
Home Ownership <sup>1</sup> :	69.1%
Unemployment <sup>1</sup> :	8.3%
Crime Rate <sup>2</sup> (per 1,000) :	133.7
Teen Pregnancy Rate <sup>3</sup> (per 1,000)	
Overall:	73.2
White:	45.3
Black:	112.5
Infant Mortality <sup>4</sup> (per 1,000)	
Overall:	10.2
White:	0.2
Black:	14.7
Automobile Accident Deaths <sup>4</sup> (per 100,000):	15.0

## Population by Age, Gender, and Race Distribution (2005-2009)<sup>1</sup>

Age	Gender		Race			Total
	Female	Male	Non-Hispanic White	Non-Hispanic Black	Hispanic	
<18	11,700	12,505	12,517	9,566	1,104	24,205
18-44	18,329	17,549	21,030	12,662	1,455	35,878
45-64	12,795	11,541	16,507	7,160	310	24,336
65+	7,108	4,819	9,183	2,578	30	11,927
Total	49,932	46,414	59,237	31,966	2,899	96,346



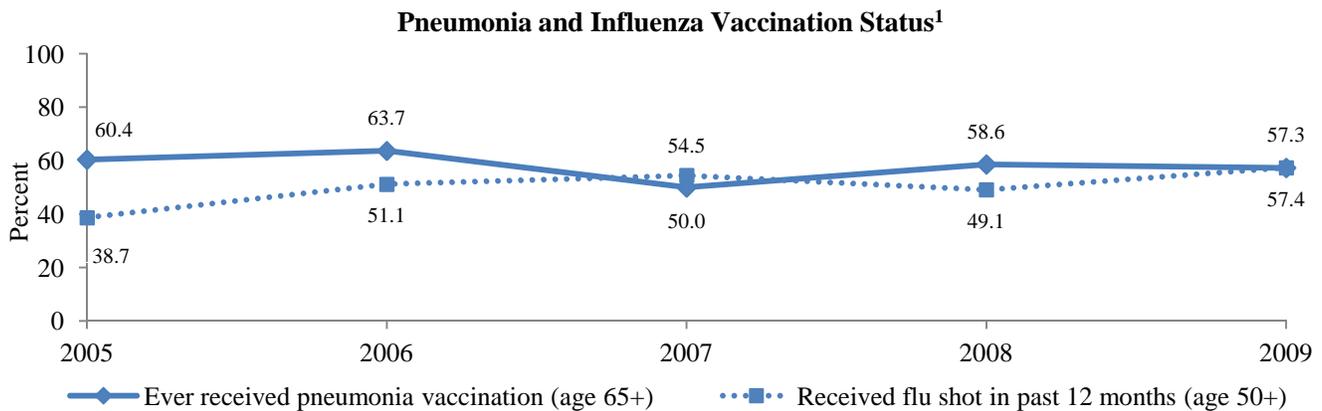
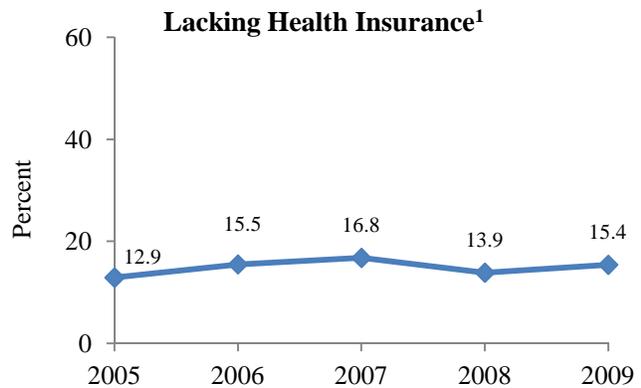
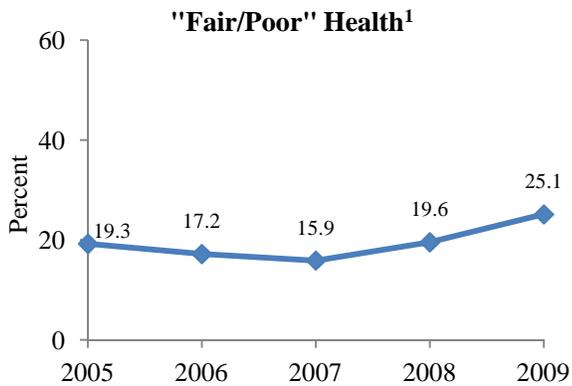
<sup>1</sup>Data Source: U.S. Census Bureau, American Community Survey, 2005-2009.

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

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

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

## General Health



### Prevalence for General Health Indicators Among Adults 18+, 2009<sup>1</sup>

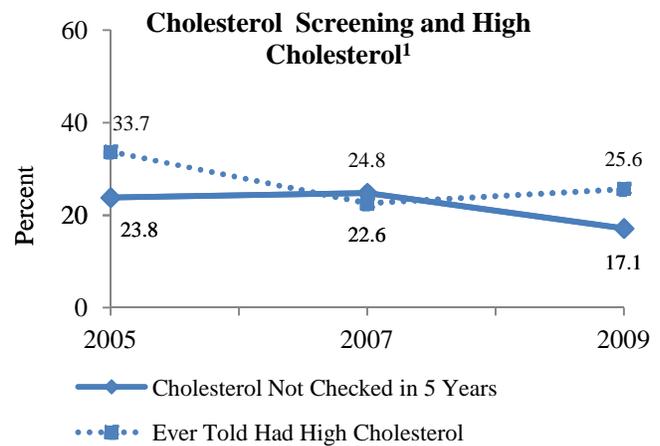
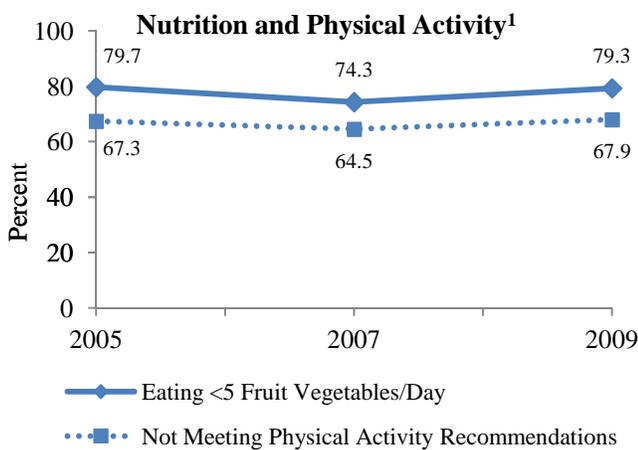
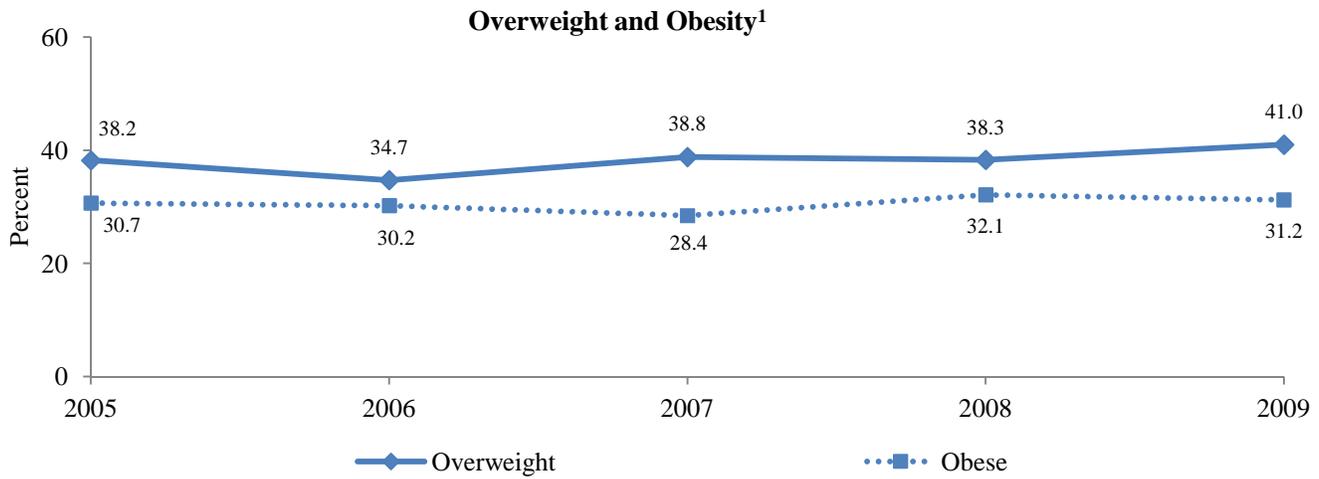
Indicator	Total	NH White	NH Black	Female	Male
Fair/Poor Health Status (%)	25.0	21.6	33.9	27.5	22.3
Lacking Health Insurance (%)	15.4	11.8	22.2	17.3	13.0
Ever Received Pneumonia Vaccination <sup>2</sup> (%)	57.3	59.2	47.0	63.7	48.2
Received Flu Shot in Past 12 Months <sup>3</sup> (%)	57.4	60.3	49.3	53.3	62.1
Mean # of Days of Poor Physical Health per Month	12.4	12.8	11.0	11.4	13.8
Mean # of Days of Poor Mental Health per Month	11.3	11.1	10.1	10.1	14.2

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

<sup>2</sup>Age 65+.

<sup>3</sup>Age 50+.

## Behavioral Risk Factors



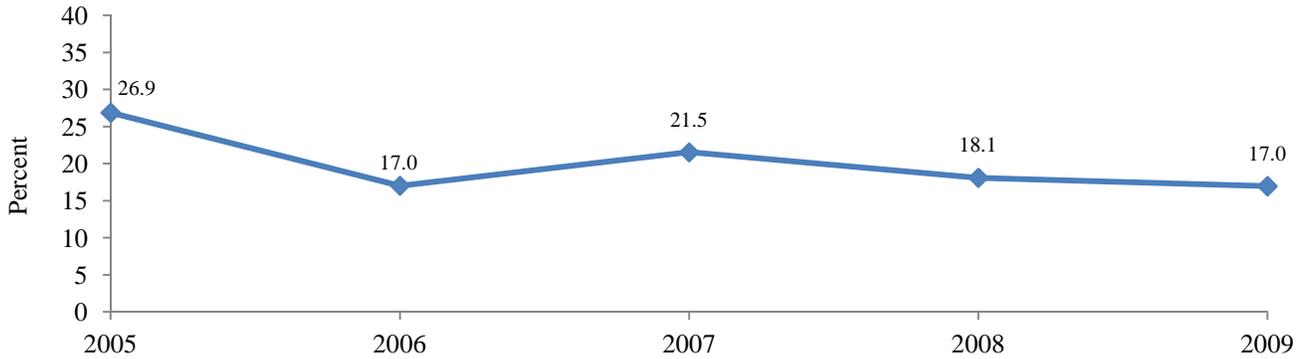
### Prevalence for Behavioral Risk Factors, 2009<sup>1</sup>

Risk factor	Total	NH White	NH Black	Female	Male
Eating <5 Fruits & Vegetables per Day (%)	79.3	80.5	81.8	80.2	78.2
Not Meeting Physical Activity Recommendations (%)	67.9	67.9	65.8	66.2	70.0
Overweight or Obese (%)	72.2	70.5	78.9	68.9	75.7
Have Not Checked Cholesterol Within the Past 5 Years (%)	17.1	17.6	18.1	19.7	14.2
Ever Told High Cholesterol (%)	25.6	29.3	18.8	22.2	28.7
Ever Told High Blood Pressure (%)	25.9	26.7	26.1	29.8	21.7

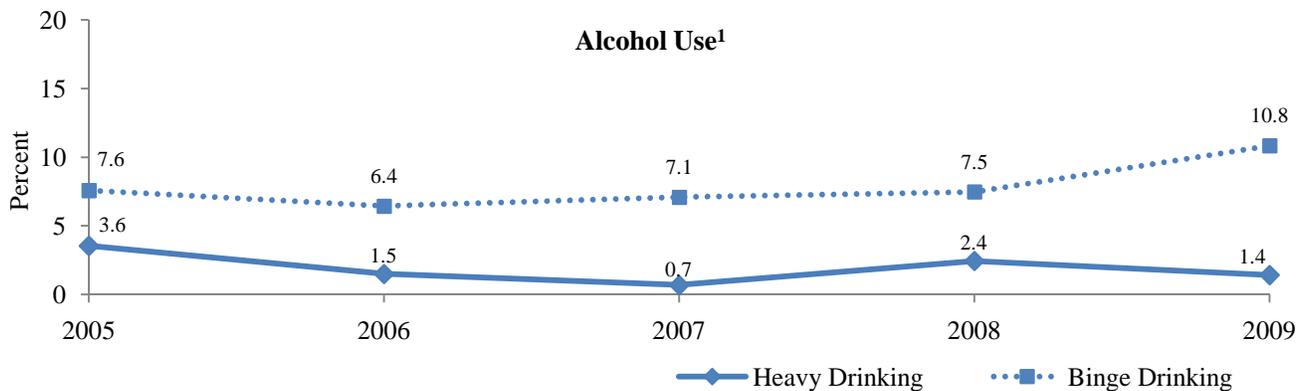
<sup>1</sup>Data Source: Tennessee Behavioral Risk Factor Surveillance System (BRFSS). Statistics are for 18+ unless indicated otherwise.

## Cigarette & Alcohol Use

### Current Cigarette Smokers<sup>1</sup>



### Alcohol Use<sup>1</sup>



### Prevalence for Alcohol and Tobacco Use, 2009<sup>1</sup>

Indicator	Total	NH White	NH Black	Female	Male
Heavy Drinking (%)	1.4	2.2	0.0	0.7	2.3
Binge Drinking (%)	10.8	10.8	12.7	6.6	15.6
Current Smokers (%)	17.0	16.9	18.5	14.3	20.0

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

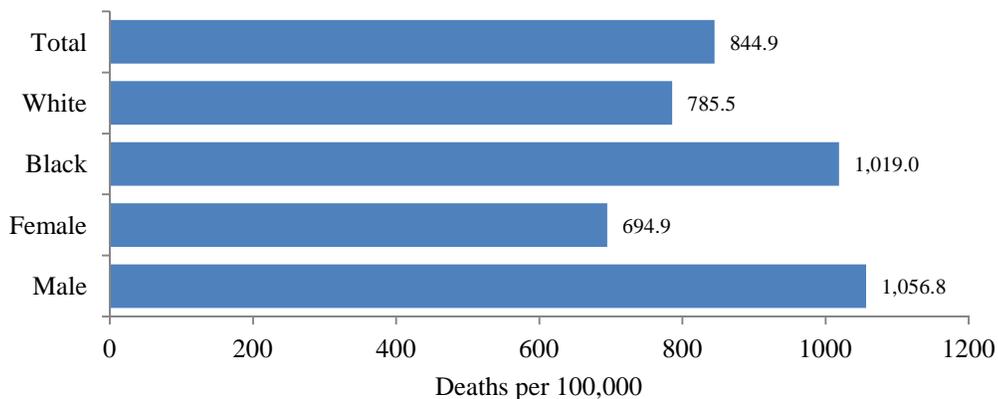
## Leading Causes of Death

### Leading Causes of Death, 2007-2009<sup>1</sup>

Rank <sup>2</sup>	Cause	# Deaths	Age Adjusted Mortality Rate <sup>3</sup> and Demographic Ranking				
			Total	White	Black	Female	Male
1	Heart disease	651	209.0	197.3	246.3	171.0	264.0
2	Cancer	547	181.1	170.0	213.4	145.0	238.6
3	Stroke	190	61.5	51.6	90.8	56.7	66.8
4	Chronic lower respiratory diseases	145	49.6	53.6	33.0	43.8	63.0
5	Accidents	111	36.9	38.9	34.1	22.4	54.8
6	Alzheimer's disease	105	33.3	35.0	28.7	30.8	37.0
7	Diabetes mellitus	86	28.0	17.8	64.1	23.0	34.8
8	Influenza and pneumonia	50	16.0	15.9	16.0	12.2	21.0
9	Suicide	45	14.9	18.2	7.0	5.0	26.4
10	Septicemia	44	14.3	13.8	17.1	17.4	9.6

Ranking Key:	1	2	3	4	5
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### All Cause Mortality by Race, 2007-2009<sup>1,3</sup>

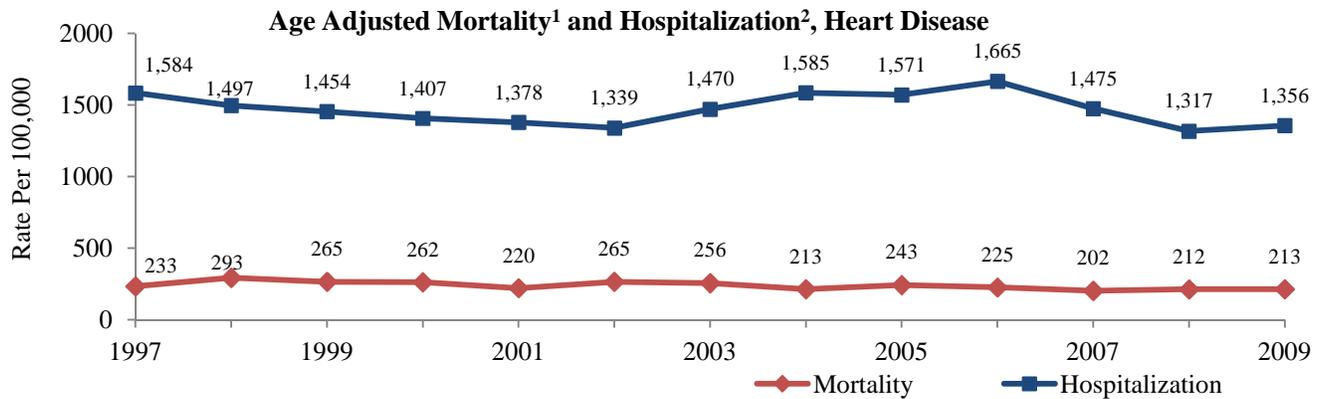


<sup>1</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjusted to the 2000 standard US population.

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

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

## Heart Disease

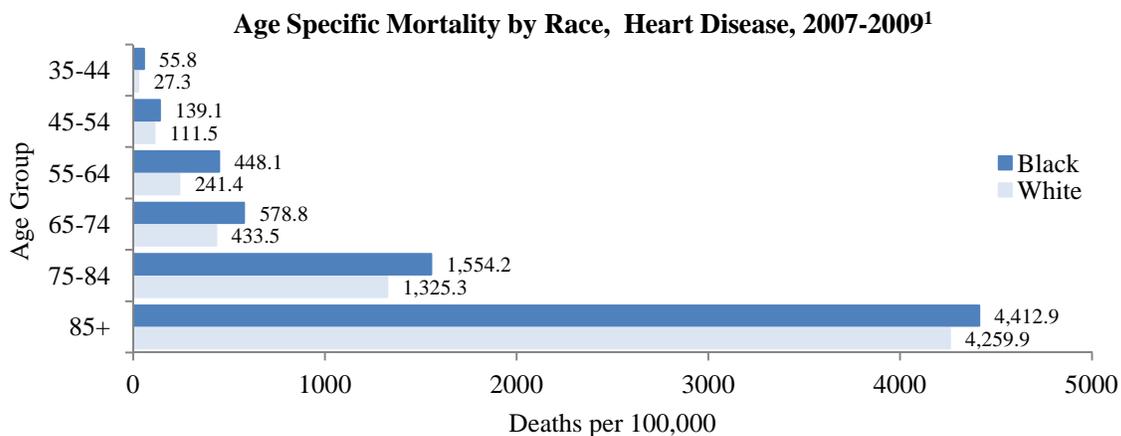


### Heart Disease Mortality<sup>1</sup> and Hospitalization<sup>2</sup>, 2007-2009

	Total	White	Black	Female	Male
Mortality (per 100,000)	209.0	197.3	246.3	171.0	264.0
Hospitalization (per 100,000)	1,381.7	1,172.2	1,951.0	1,070.8	1,780.5

### Heart Disease Prevalence<sup>3</sup>, 2009

	Total	NH White	NH Black	Female	Male
Prevalence of MI <sup>4</sup> (%)	3.3	4.1	2.0	3.2	3.5
Prevalence of CHD <sup>5</sup> (%)	4.7	6.9	0.5	4.3	5.2



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

<sup>2</sup>Data 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.

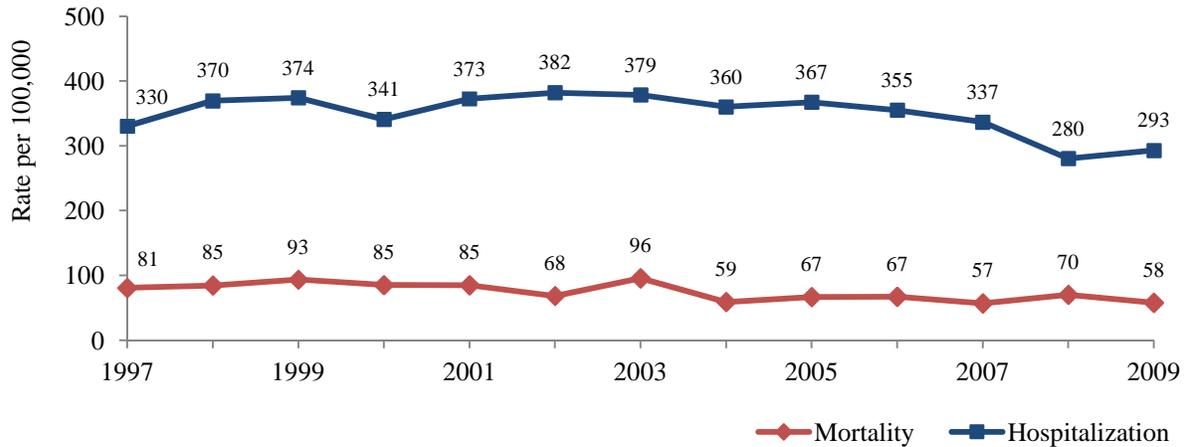
<sup>3</sup>Data Source: Tennessee Behavioral Risk Factor Surveillance System (BRFSS). Statistics are for 18+ unless indicated otherwise.

<sup>4</sup>MI= Myocardial Infarction.

<sup>5</sup>CHD=Coronary Heart Disease.

## Stroke

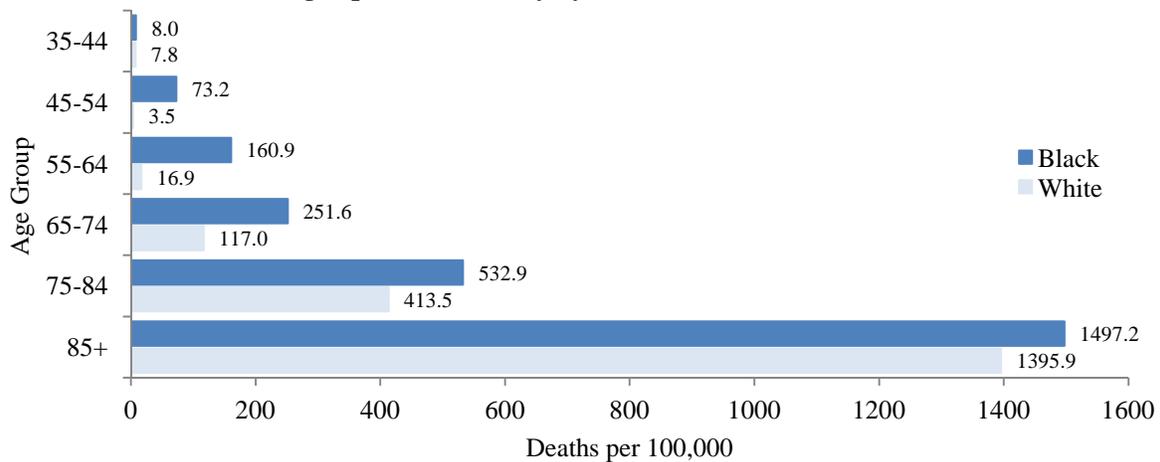
Age Adjusted Mortality<sup>1</sup> and Hospitalization<sup>2</sup>, Stroke



Stroke Mortality<sup>1</sup>, Hospitalization<sup>2</sup>, and Prevalence<sup>3</sup>, 2007-2009

	Total	White	Black	Female	Male
Mortality (per 100,000)	61.5	51.6	90.8	56.7	66.8
Hospitalization (per 100,000)	302.9	254.2	438.1	267.4	346.4
Prevalence <sup>4</sup> (%)	2.3	3.3	0.4	2.4	2.1

Age Specific Mortality by Race, Stroke, 2007-2009<sup>1</sup>



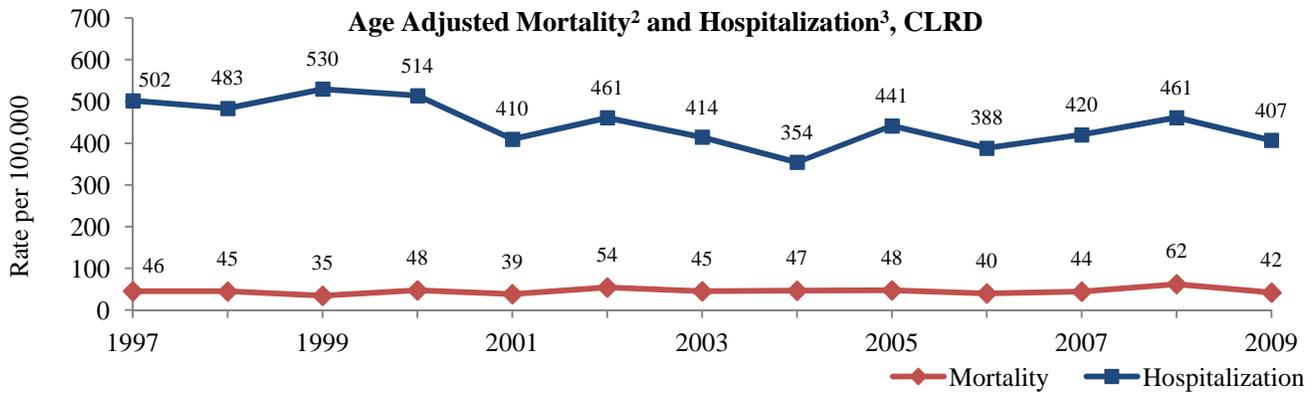
<sup>1</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

<sup>2</sup>Data 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.

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

<sup>4</sup>2009 data, NH white and NH black race groups.

## CLRD<sup>1</sup>



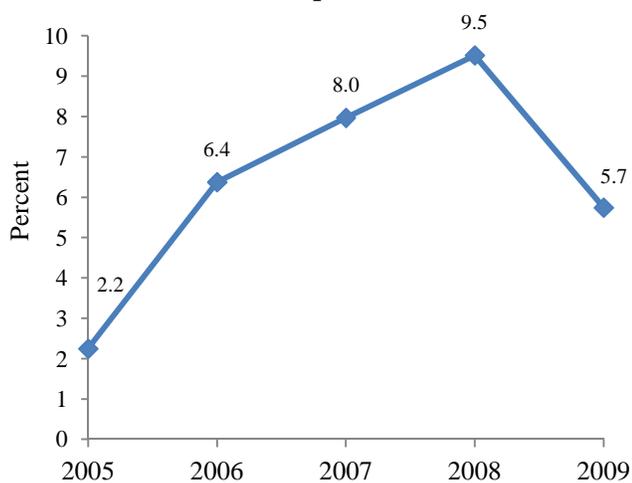
### Chronic Lower Respiratory Disease Mortality<sup>2</sup> and Hospitalization<sup>3</sup>, 2007-2009

	Total	White	Black	Female	Male
Mortality (per 100,000)	49.6	53.6	33.0	43.8	63.0
Hospitalization (per 100,000)	429.3	373.9	508.1	427.9	446.8

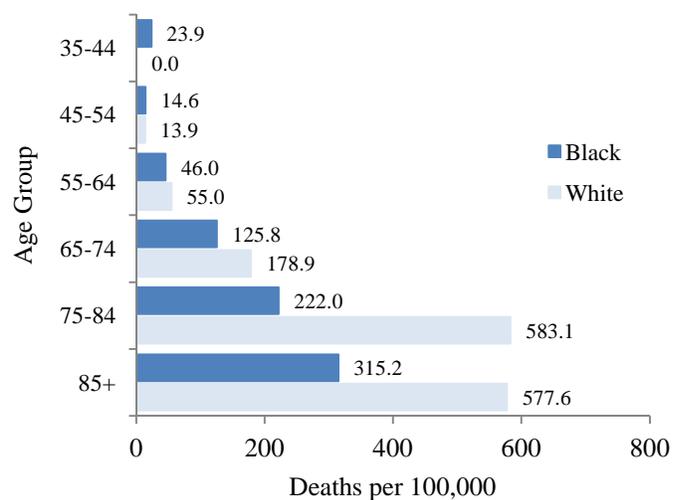
### Asthma Prevalence, 2009<sup>4</sup>

	Total	NH White	NH Black	Female	Male
Ever Had Asthma (%)	9.0	8.9	8.9	13.8	3.6
Currently Have Asthma (%)	5.7	4.4	8.0	7.7	3.6

### Prevalence of Self-Reported Current Asthma<sup>4</sup>



### Age Specific Mortality by Race, CLRD, 2007-2009<sup>2</sup>



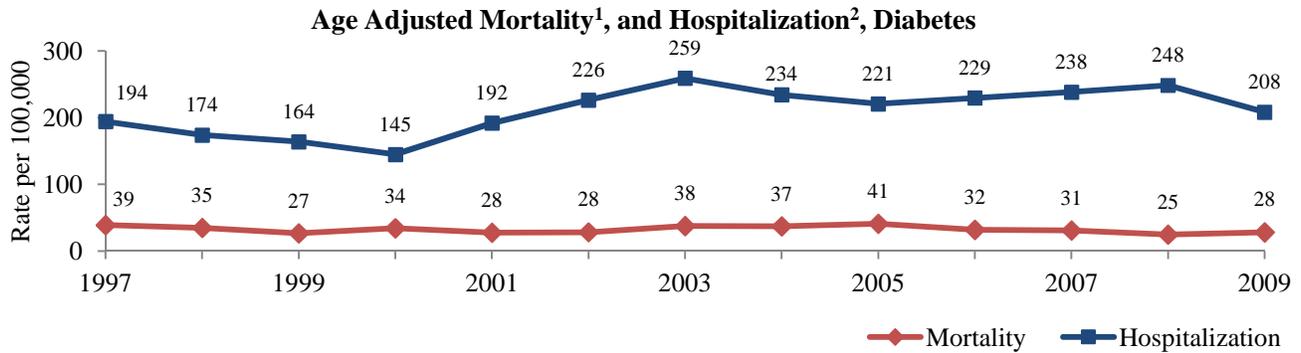
<sup>1</sup>CLRD= Chronic Lower Respiratory Disease.

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

<sup>3</sup>Data 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.

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

## Diabetes

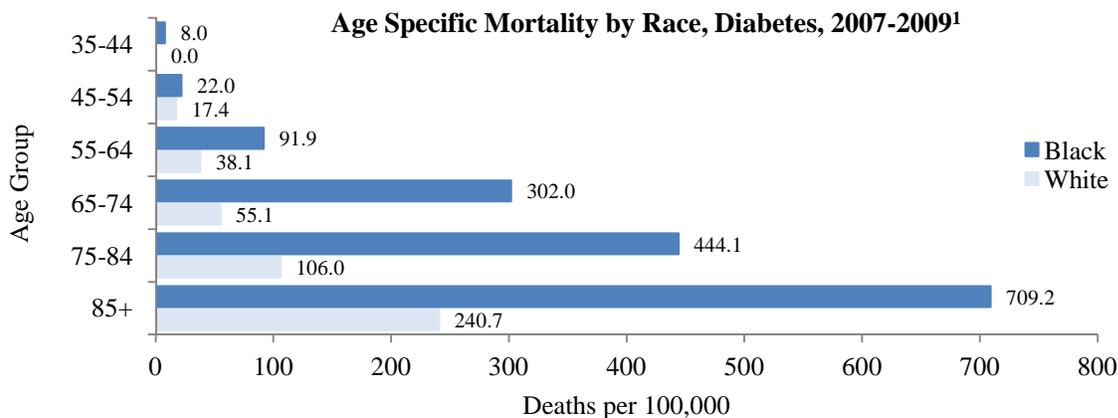


### Diabetes Mortality<sup>1</sup> and Hospitalization<sup>2</sup>, 2007-2009

	Total	White	Black	Female	Male
Mortality (per 100,000)	28.0	17.8	64.1	23.0	34.8
Hospitalization (per 100,000)	231.3	98.1	537.8	250.0	217.1

### Diabetes Prevalence<sup>3</sup> and Diabetes Management Indicators<sup>3</sup>, 2009

	Total	NH White	NH Black	Female	Male
Prevalence (%)	13.0	13.3	12.1	13.5	12.4
Self-Blood Glucose Monitoring at Least Once Daily (%)	75.9	71.7	82.1	71.1	82.0
Foot Examined by a Doctor in Past 12 Months (%)	55.4	51.9	62.4	50.6	61.4
Received a Dilated Eye Exam in past 12 Months (%)	67.3	60.1	100.0	55.7	90.3

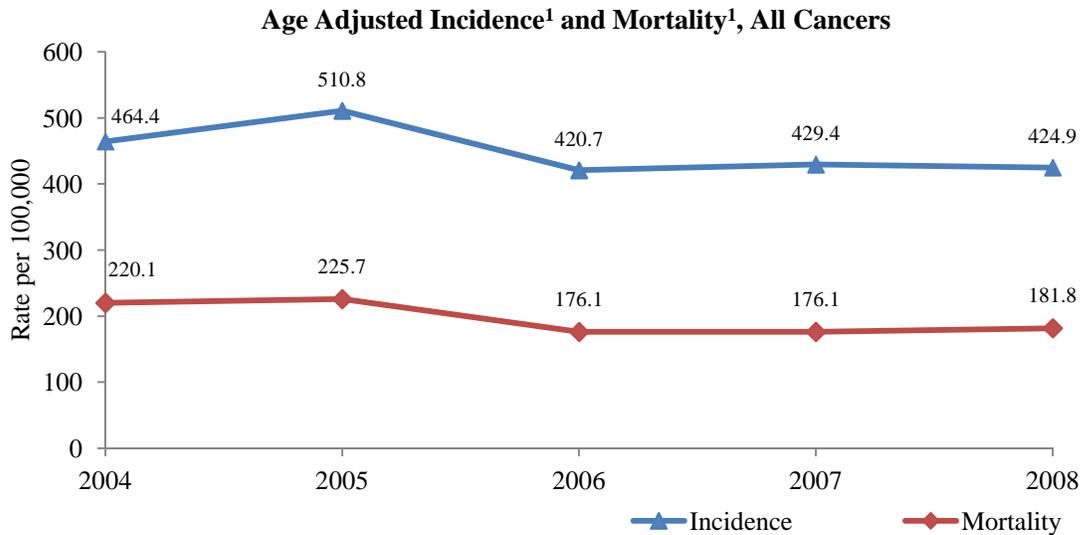


<sup>1</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

<sup>2</sup>Data 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.

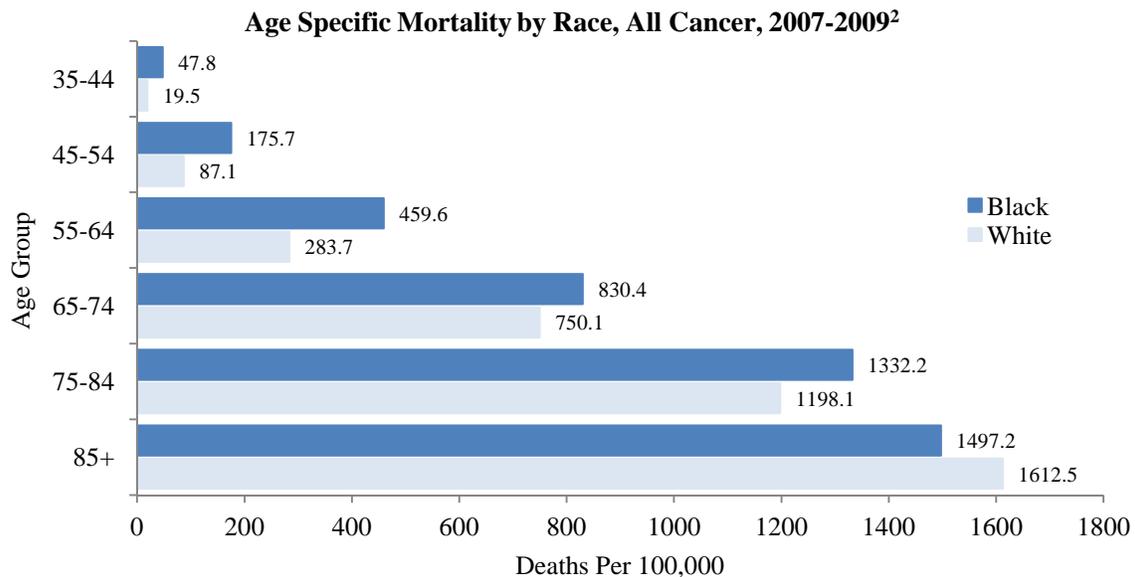
<sup>3</sup>Data Source: Tennessee Behavioral Risk Factor Surveillance System (BRFSS). Statistics are for 18+ unless indicated otherwise.

## Cancer



**Cancer Incidence<sup>1</sup> and Mortality<sup>1</sup>, 2004-2008**

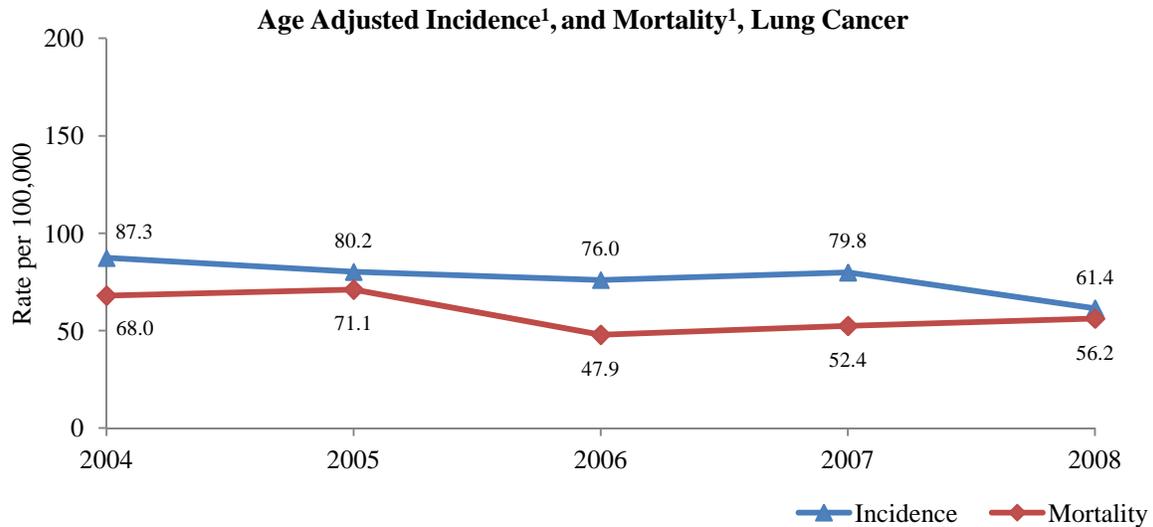
	Total	White	Black	Female	Male
Incidence (per 100,000)	449.3	440.9	467.8	374.4	556.6
Mortality (per 100,000)	195.9	180.2	241.1	160.7	248.4



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

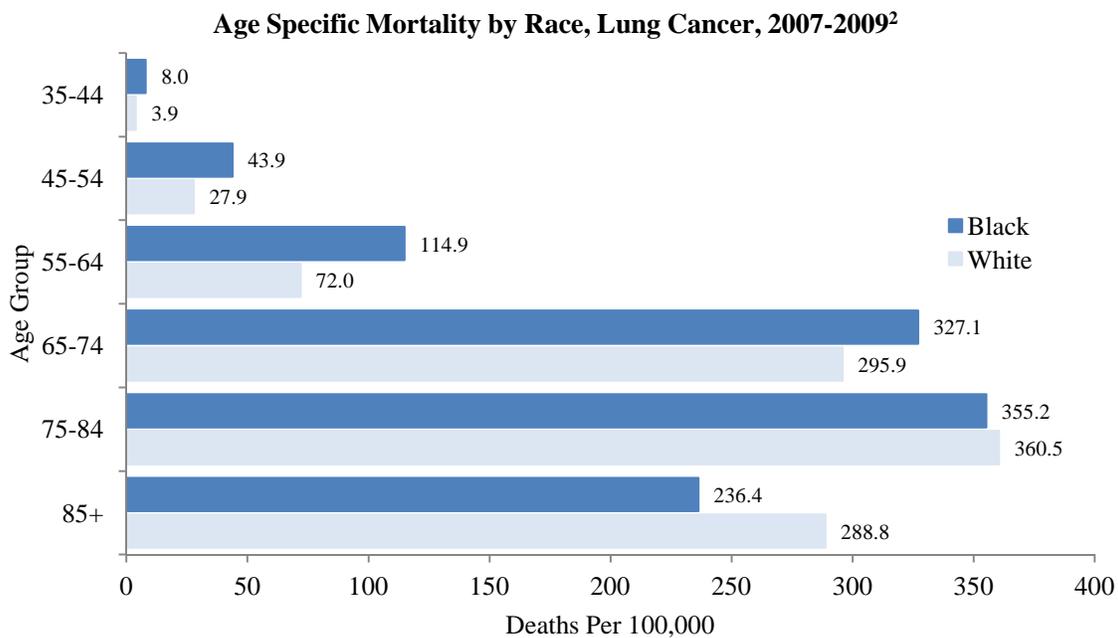
<sup>2</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

## Lung Cancer



**Lung Cancer Incidence<sup>1</sup> and Mortality<sup>1</sup>, 2004-2008**

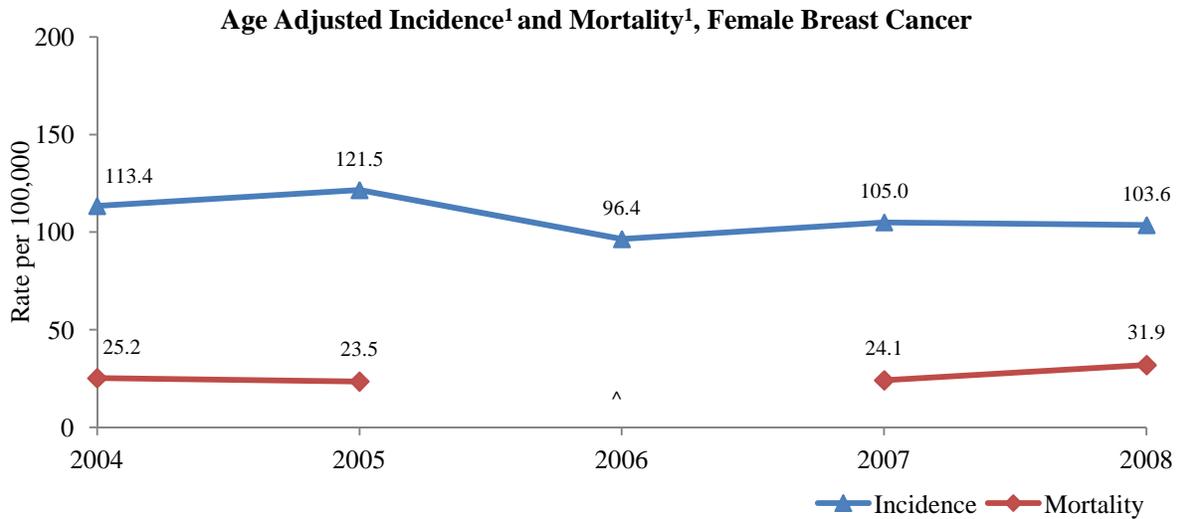
	Total	White	Black	Female	Male
Incidence (per 100,000)	76.7	74.1	82.9	51.6	112.6
Mortality (per 100,000)	59.0	53.3	76.1	38.1	89.0



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

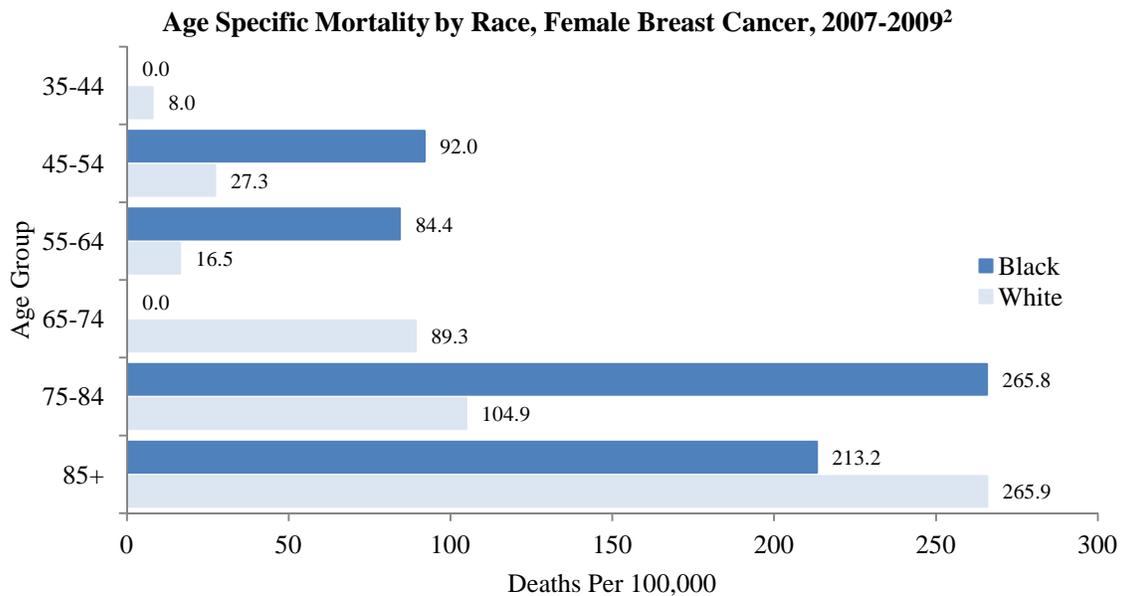
<sup>2</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

## Breast Cancer



**Female Breast Cancer Incidence<sup>1</sup> and Mortality<sup>1</sup>, 2004-2008**

	Total	White	Black
Incidence (per 100,000)	108.1	105.8	108.9
Mortality (per 100,000)	23.3	22.4	22.6



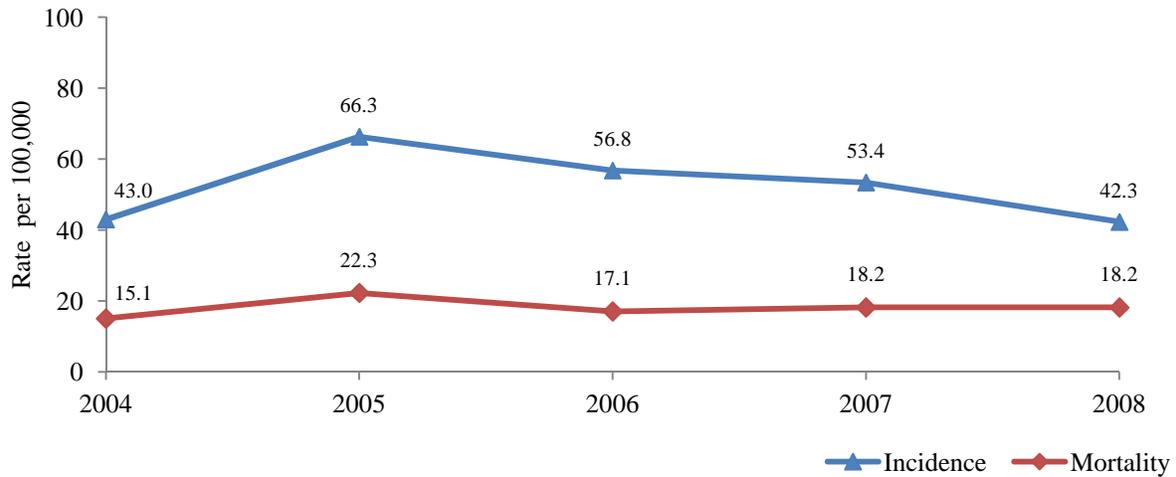
<sup>1</sup>Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

<sup>2</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

## Colorectal Cancer

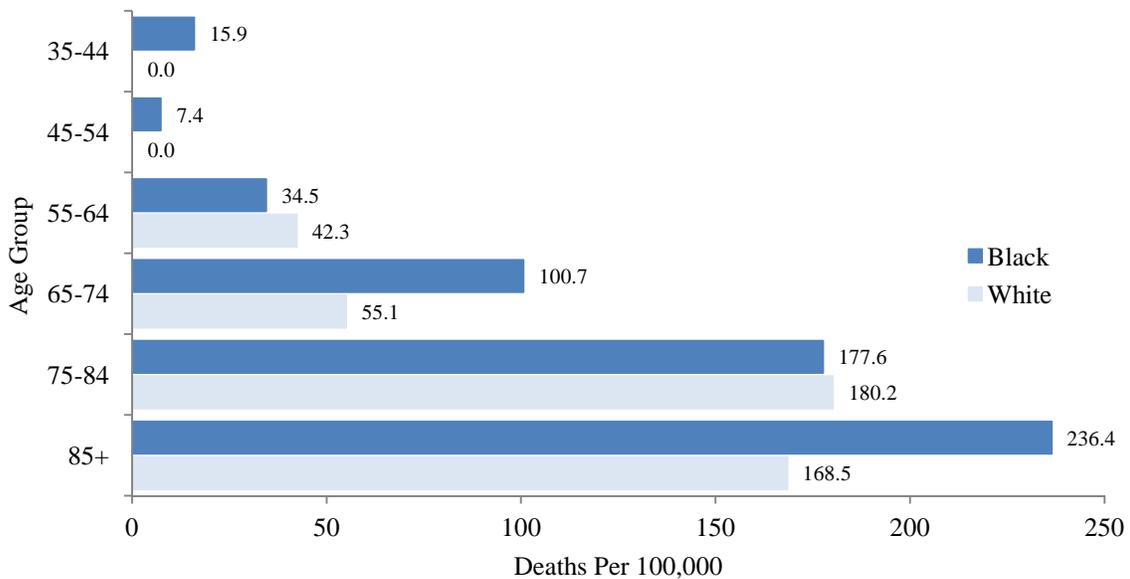
Age Adjusted Incidence<sup>1</sup> and Mortality<sup>1</sup>, Colorectal Cancer



Colorectal Cancer Incidence<sup>1</sup> and Mortality<sup>1</sup>, 2004-2008

	Total	White	Black	Female	Male
Incidence (per 100,000)	52.2	50.6	55.7	42.4	66.4
Mortality (per 100,000)	18.3	15.6	25.9	13.1	24.4

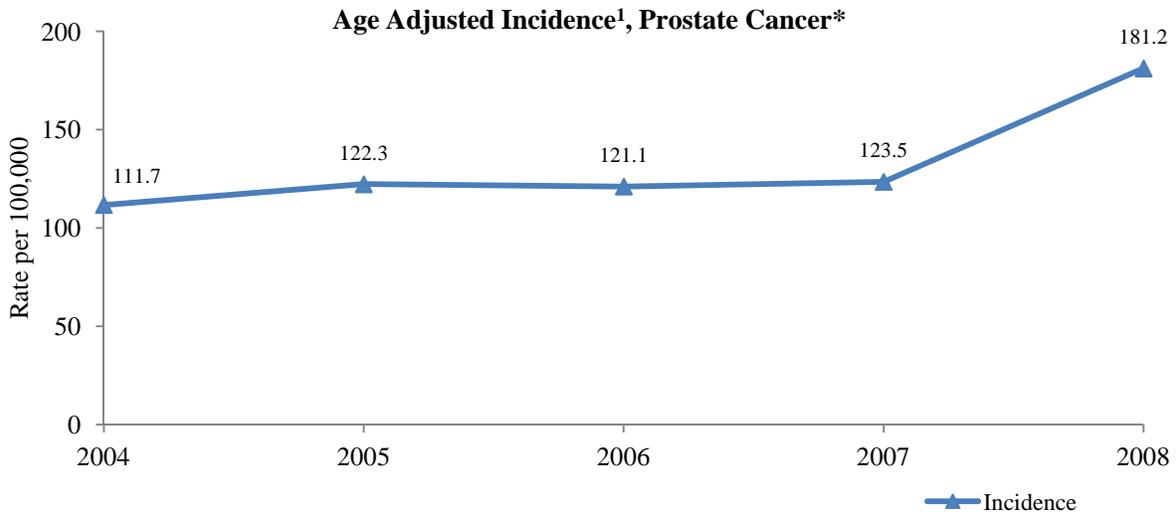
Age Specific Mortality by Race, Colorectal Cancer, 2007-2009<sup>2</sup>



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

<sup>2</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

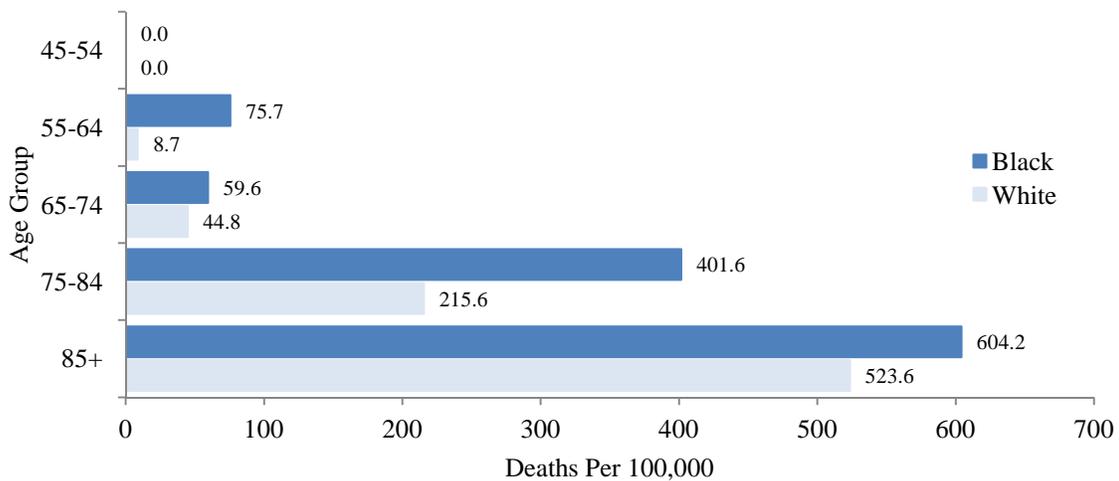
## Prostate Cancer



**Prostate Cancer Incidence<sup>1</sup> and Mortality<sup>1</sup>, 2004-2008**

	Total	White	Black
Incidence (per 100,000)	132.8	114.4	196.9
Mortality (per 100,000)	24.2	20.8	38.6

**Age Specific Mortality by Race, Prostate Cancer, 2007-2009<sup>2</sup>**

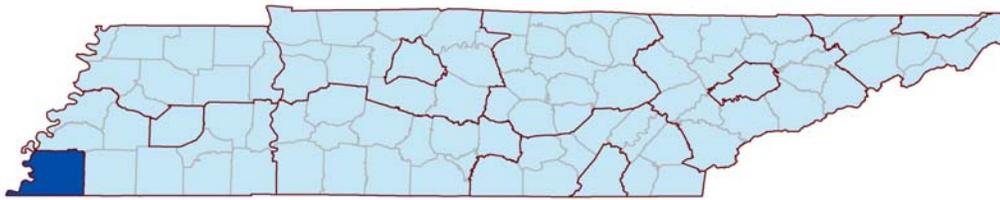


<sup>1</sup>Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

<sup>2</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

\*All mortality trend data suppressed due to small numbers.

## Demographics

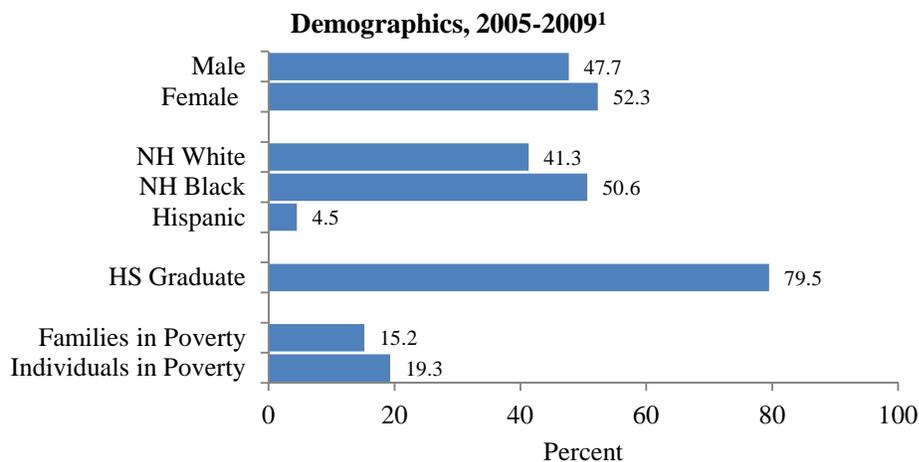


### Quick Facts

Median Age <sup>1</sup> :	34.1
Median Income <sup>1</sup> :	\$ 44,146
Home Ownership <sup>1</sup> :	63.6%
Unemployment <sup>1</sup> :	9.6%
Crime Rate <sup>2</sup> (per 1,000):	141.1
Teen Pregnancy Rate <sup>3</sup> (per 1,000)	
Overall:	90.8
White:	43.8
Black:	118.2
Infant Mortality <sup>4</sup> (per 1,000)	
Overall:	12.6
White:	0.6
Black:	18
Automobile Accident Deaths <sup>4</sup> (per 100,000):	14.8

### Population by Age, Gender, and Race Distribution (2005-2009)<sup>1</sup>

Age	Gender		Race			Total
	Female	Male	Non-Hispanic White	Non-Hispanic Black	Hispanic	
<18	125,139	128,155	79,064	145,623	17,198	253,294
18-44	179,290	168,584	131,982	184,412	18,251	347,874
45-64	120,010	105,697	113,410	101,383	4,978	225,707
65+	55,592	35,719	54,833	33,398	1,317	91,311
Total	480,031	438,155	379,289	464,816	41,744	918,186



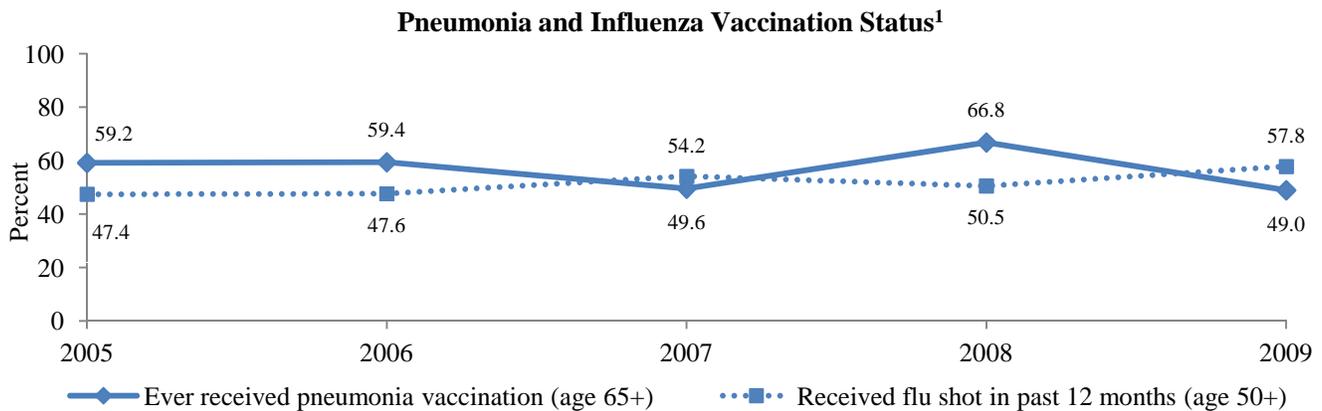
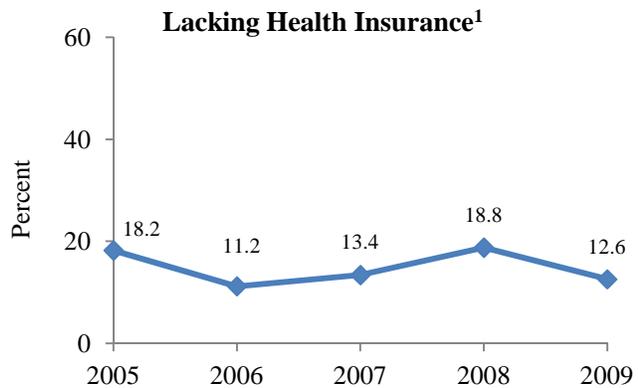
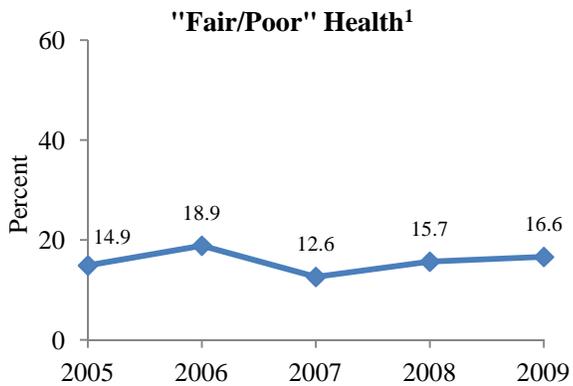
<sup>1</sup>Data Source: U.S. Census Bureau, American Community Survey, 2005-2009.

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

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

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

## General Health



### Prevalence for General Health Indicators Among Adults 18+, 2009<sup>1</sup>

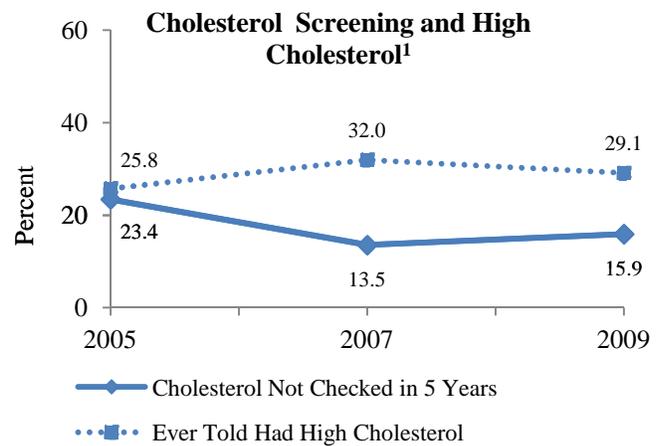
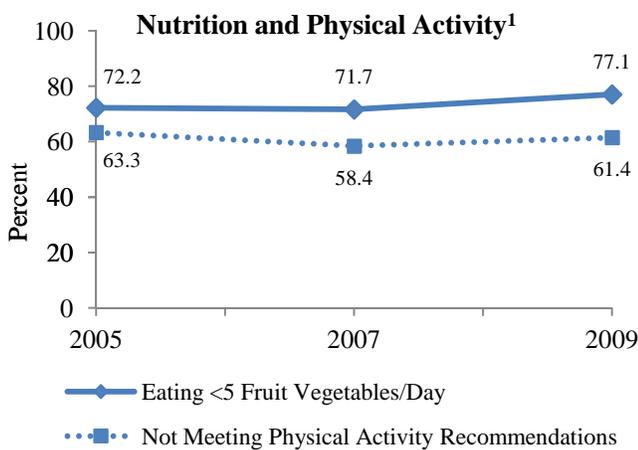
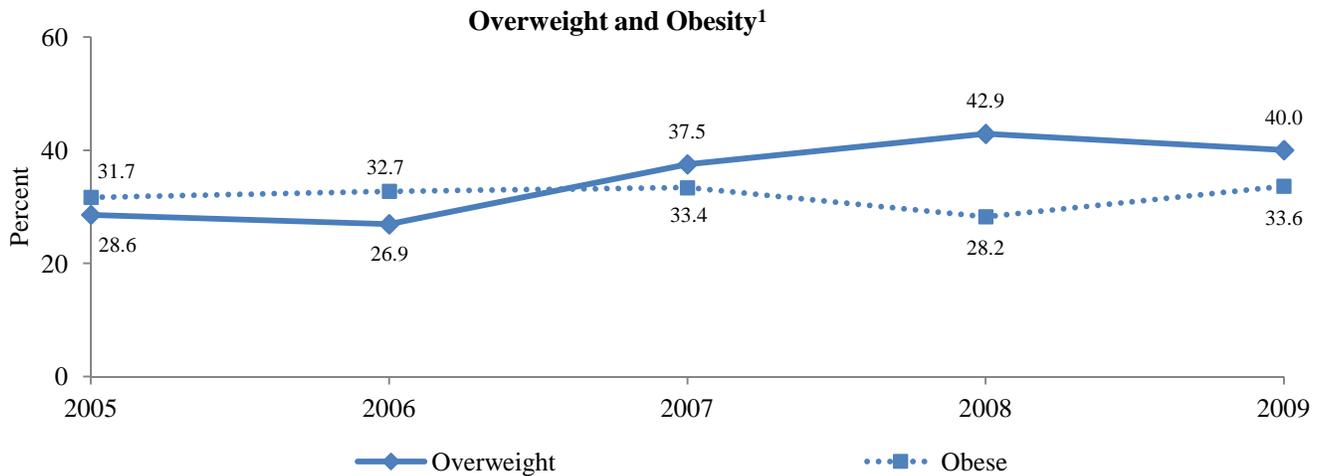
Indicator	Total	NH White	NH Black	Female	Male
Fair/Poor Health Status (%)	16.5	11.6	23.3	21.7	10.6
Lacking Health Insurance (%)	12.5	6.7	17.4	12.2	12.9
Ever Received Pneumonia Vaccination <sup>2</sup> (%)	49.0	54.2	43.5	47.9	50.7
Received Flu Shot in Past 12 Months <sup>3</sup> (%)	57.8	63.7	47.4	56.2	60.1
Mean # of Days of Poor Physical Health per Month	9.0	9.3	9.5	9.5	8.3
Mean # of Days of Poor Mental Health per Month	13.8	11.4	16.1	11.1	18.0

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

<sup>2</sup>Age 65+.

<sup>3</sup>Age 50+.

## Behavioral Risk Factors



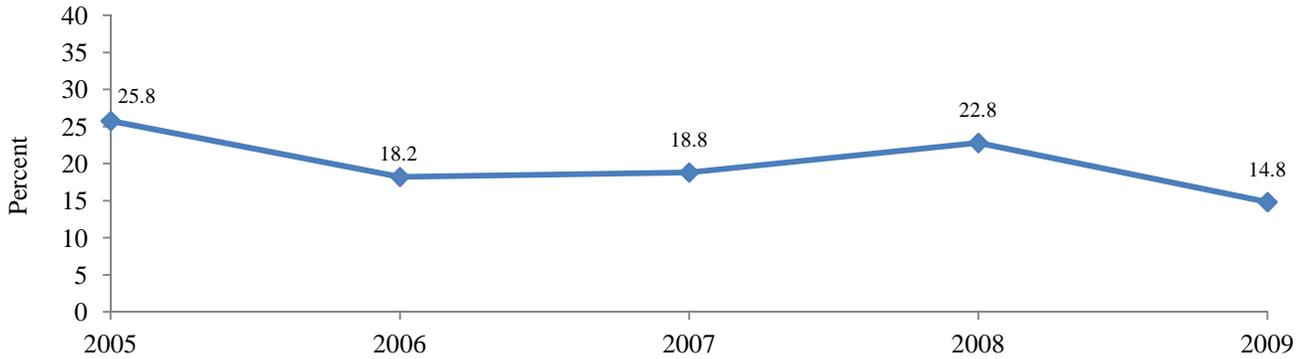
### Prevalence for Behavioral Risk Factors, 2009<sup>1</sup>

Risk factor	Total	NH White	NH Black	Female	Male
Eating <5 Fruits & Vegetables per Day (%)	77.1	72.6	82.2	69.0	86.2
Not Meeting Physical Activity Recommendations (%)	61.4	58.7	67.1	65.6	56.6
Overweight or Obese (%)	73.6	70.0	77.5	69.1	78.6
Have Not Checked Cholesterol Within the Past 5 Years (%)	15.9	10.4	20.6	16.6	15.1
Ever Told High Cholesterol (%)	29.1	34.7	23.7	30.0	28.3
Ever Told High Blood Pressure (%)	41.8	38.3	47.3	45.6	37.3

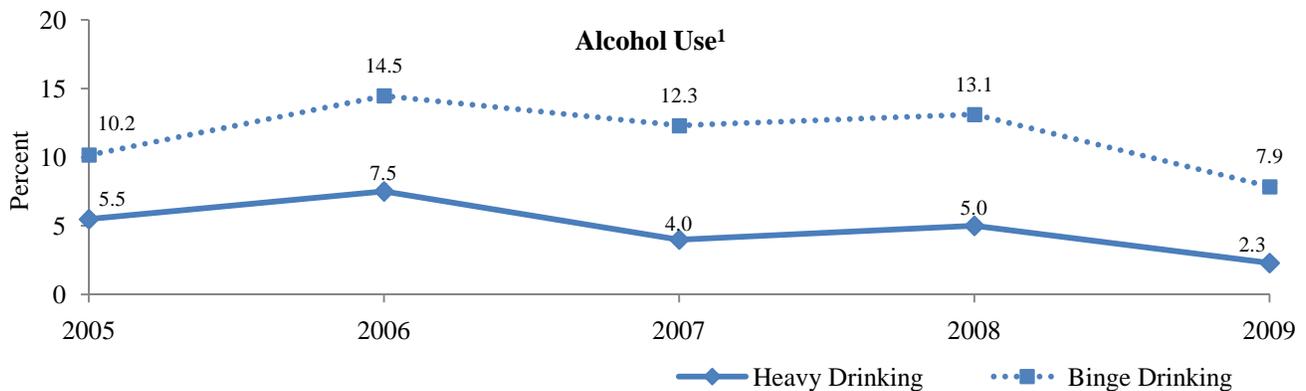
<sup>1</sup>Data Source: Tennessee Behavioral Risk Factor Surveillance System (BRFSS). Statistics are for 18+ unless indicated otherwise.

## Cigarette & Alcohol Use

**Current Cigarette Smokers<sup>1</sup>**



**Alcohol Use<sup>1</sup>**



**Prevalence for Alcohol and Tobacco Use, 2009<sup>1</sup>**

Indicator	Total	NH White	NH Black	Female	Male
Heavy Drinking (%)	2.3	4.3	0.7	1.6	3.1
Binge Drinking (%)	7.9	11.1	4.1	6.5	9.4
Current Smokers (%)	14.8	12.0	17.9	16.3	13.1

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

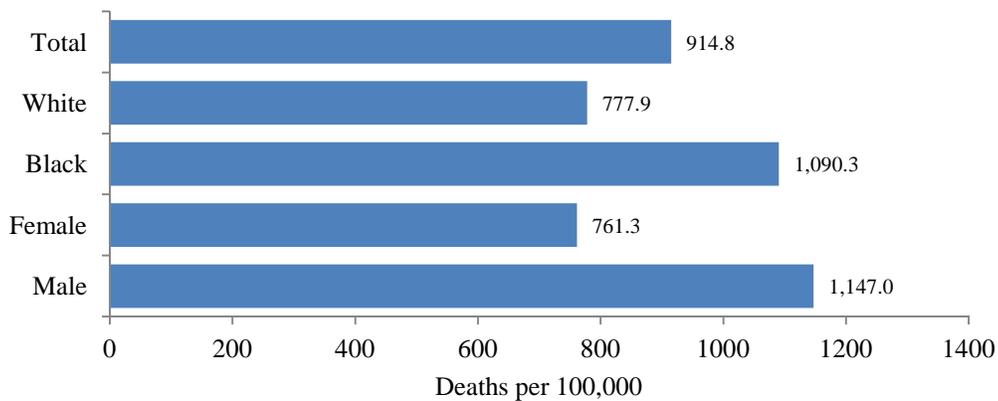
## Leading Causes of Death

### Leading Causes of Death, 2007-2009<sup>1</sup>

Rank <sup>2</sup>	Cause	# Deaths	Age Adjusted Mortality Rate <sup>3</sup> and Demographic Ranking				
			Total	White	Black	Female	Male
1	Heart disease	5,577	231.0	198.8	276.6	187.2	298.6
2	Cancer	5,100	206.7	175.8	252.4	170.3	271.4
3	Stroke	1,382	57.6	41.8	80.8	53.3	64.2
4	Accidents	1,172	43.9	42.8	43.1	27.4	64.6
5	Chronic lower respiratory diseases	968	41.7	48.3	30.1	37.1	50.8
6	Alzheimer's disease	880	38.9	40.4	36.4	39.8	36.2
7	Diabetes mellitus	715	28.9	16.9	47.9	26.5	32.6
8	Homicide	494	18.0	5.8	29.3	5.7	31.2
9	Influenza and pneumonia	463	19.5	19.0	18.8	16.9	24.7
10	Kidney disease	391	16.4	10.5	26.2	13.8	21.0

Ranking Key:	1	2	3	4	5
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### All Cause Mortality by Race, 2007-2009<sup>1,3</sup>

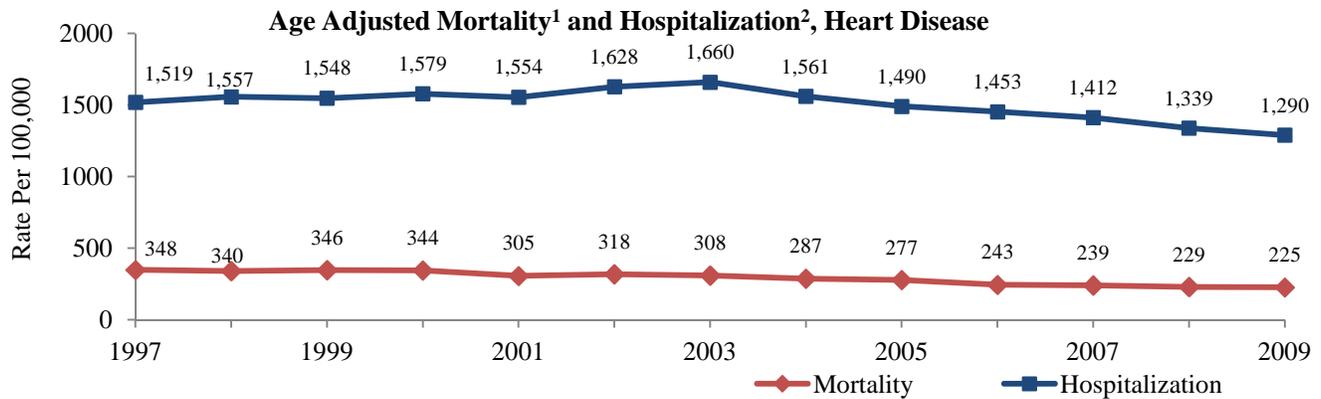


<sup>1</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjusted to the 2000 standard US population.

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

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

## Heart Disease

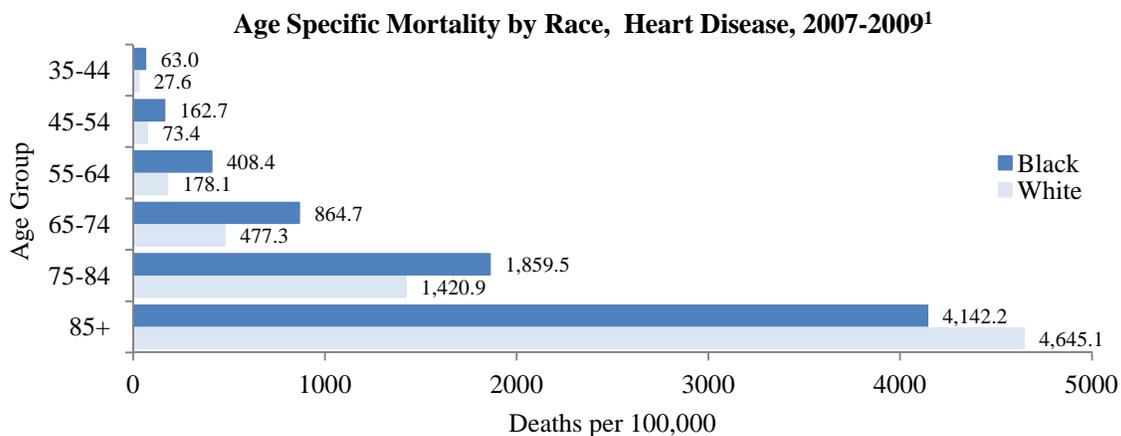


### Heart Disease Mortality<sup>1</sup> and Hospitalization<sup>2</sup>, 2007-2009

	Total	White	Black	Female	Male
Mortality (per 100,000)	231.0	198.8	276.6	187.2	298.6
Hospitalization (per 100,000)	1,346.7	1,034.0	1,726.6	1,139.8	1,629.7

### Heart Disease Prevalence<sup>3</sup>, 2009

	Total	NH White	NH Black	Female	Male
Prevalence of MI <sup>4</sup> (%)	3.9	3.9	4.5	3.7	4.1
Prevalence of CHD <sup>5</sup> (%)	3.4	4.2	3.1	2.6	4.1



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

<sup>2</sup>Data 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.

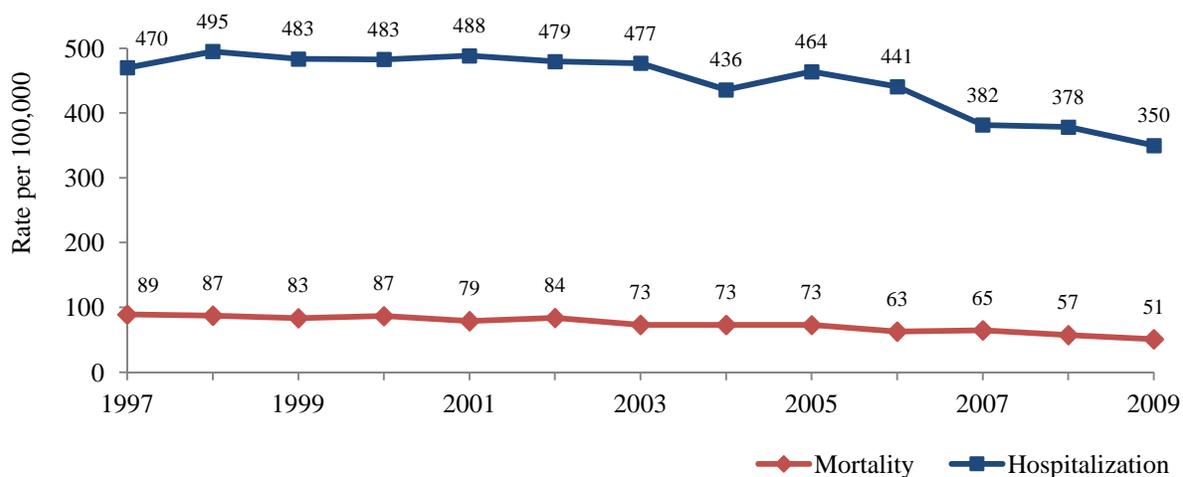
<sup>3</sup>Data Source: Tennessee Behavioral Risk Factor Surveillance System (BRFSS). Statistics are for 18+ unless indicated otherwise.

<sup>4</sup>MI= Myocardial Infarction.

<sup>5</sup>CHD=Coronary Heart Disease.

## Stroke

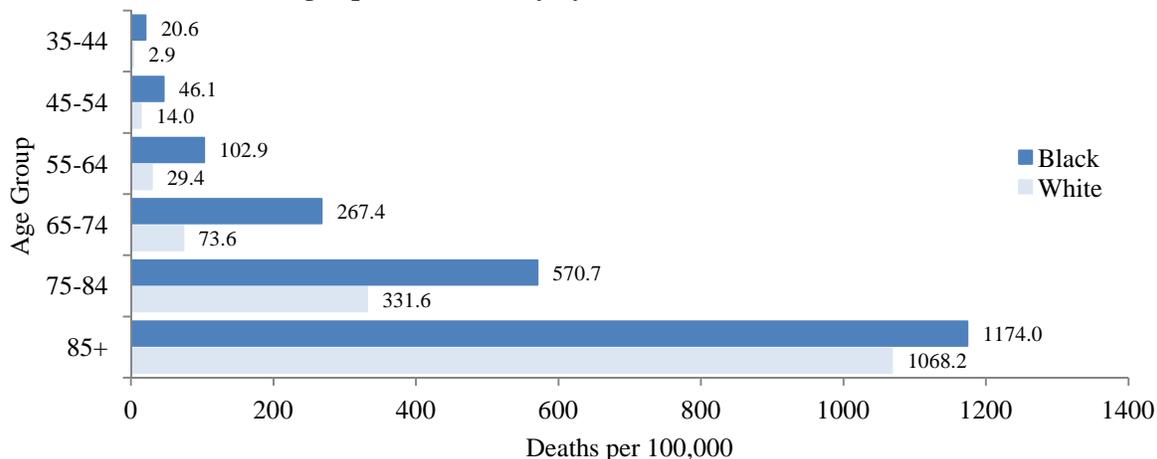
Age Adjusted Mortality<sup>1</sup> and Hospitalization<sup>2</sup>, Stroke



Stroke Mortality<sup>1</sup>, Hospitalization<sup>2</sup>, and Prevalence<sup>3</sup>, 2007-2009

	Total	White	Black	Female	Male
Mortality (per 100,000)	57.6	41.8	80.8	53.3	64.2
Hospitalization (per 100,000)	369.8	275.7	483.0	361.6	379.8
Prevalence <sup>4</sup> (%)	2.8	3.6	2.5	4.2	1.3

Age Specific Mortality by Race, Stroke, 2007-2009<sup>1</sup>



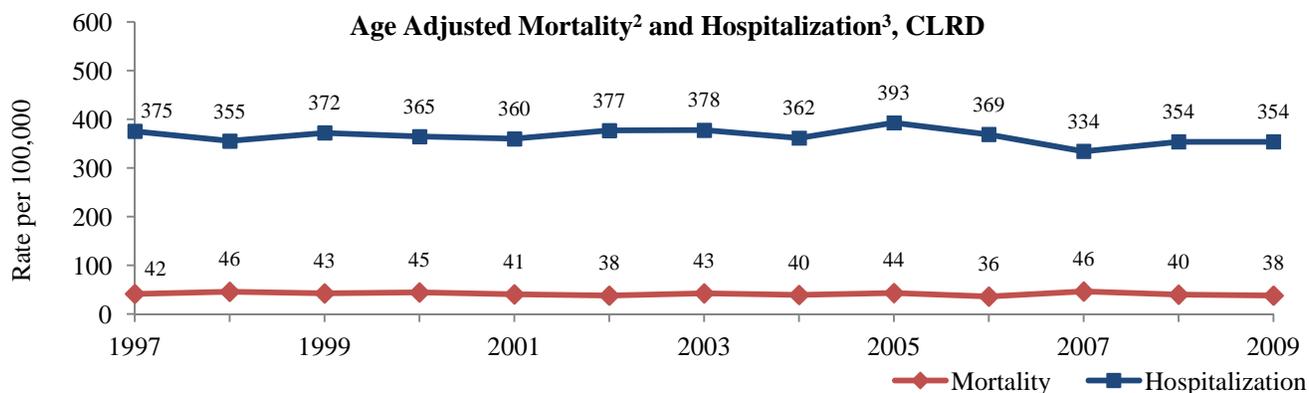
<sup>1</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

<sup>2</sup>Data 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.

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

<sup>4</sup>2009 data, NH white and NH black race groups.

## CLRD<sup>1</sup>



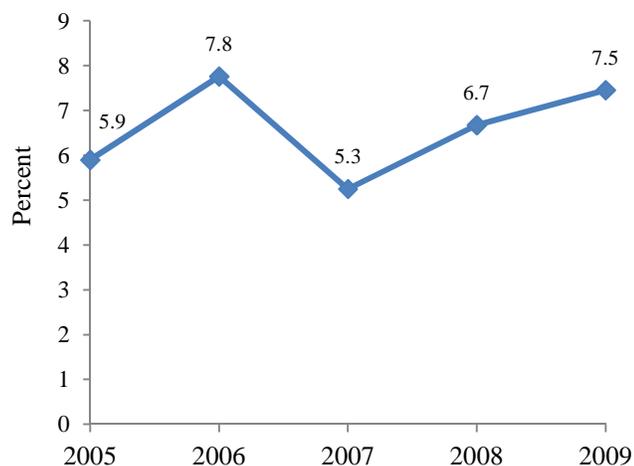
### Chronic Lower Respiratory Disease Mortality<sup>2</sup> and Hospitalization<sup>3</sup>, 2007-2009

	Total	White	Black	Female	Male
Mortality (per 100,000)	41.7	48.3	30.1	37.1	50.8
Hospitalization (per 100,000)	347.6	247.7	439.9	368.4	323.9

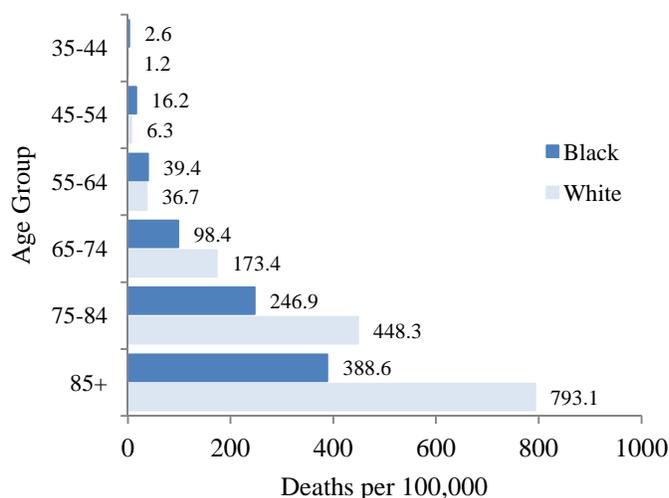
### Asthma Prevalence, 2009<sup>4</sup>

	Total	NH White	NH Black	Female	Male
Ever Had Asthma (%)	11.2	11.2	9.6	11.2	11.2
Currently Have Asthma (%)	7.5	9.3	6.1	8.3	6.4

### Prevalence of Self-Reported Current Asthma<sup>4</sup>



### Age Specific Mortality by Race, CLRD, 2007-2009<sup>2</sup>



<sup>1</sup>CLRD= Chronic Lower Respiratory Disease.

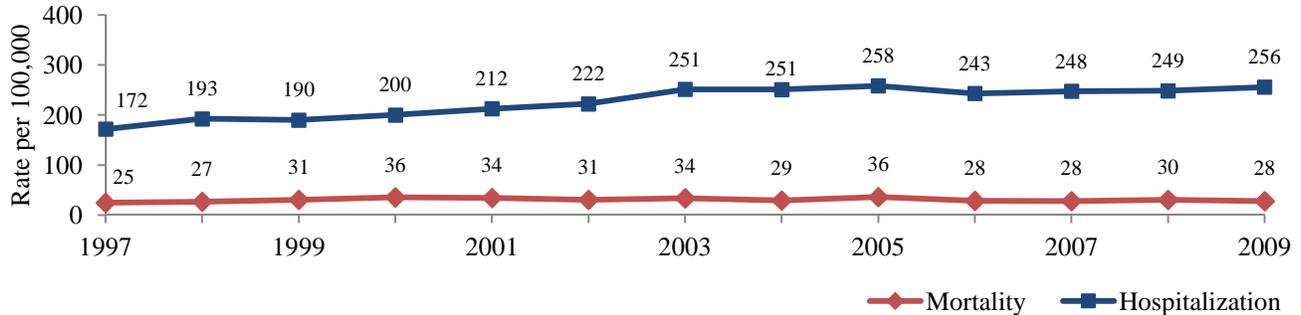
<sup>2</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

<sup>3</sup>Data 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.

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

## Diabetes

Age Adjusted Mortality<sup>1</sup>, and Hospitalization<sup>2</sup>, Diabetes



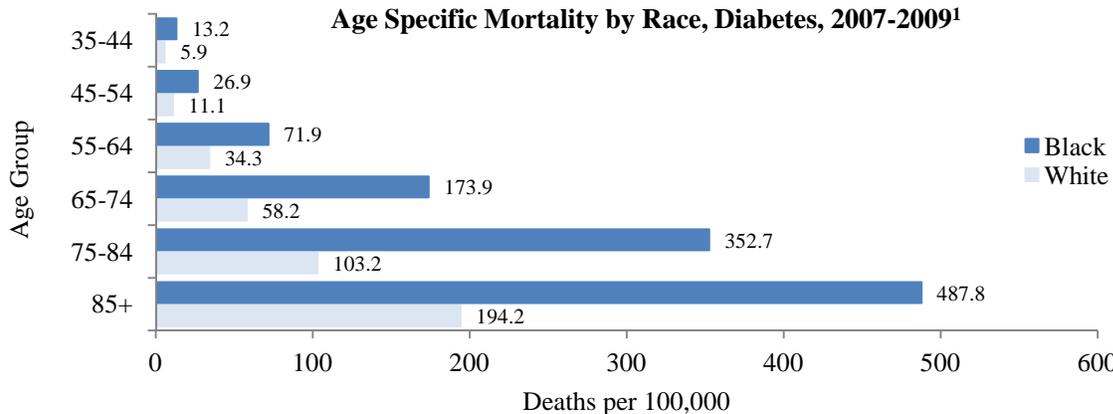
Diabetes Mortality<sup>1</sup> and Hospitalization<sup>2</sup>, 2007-2009

	Total	White	Black	Female	Male
Mortality (per 100,000)	28.9	16.9	47.9	26.5	32.6
Hospitalization (per 100,000)	250.7	113.0	413.0	230.2	273.1

Diabetes Prevalence<sup>3</sup> and Diabetes Management Indicators<sup>3</sup>, 2009

	Total	NH White	NH Black	Female	Male
Prevalence (%)	10.8	12.0	11.1	13.8	7.4
Self-Blood Glucose Monitoring at Least Once Daily (%)	77.9	72.7	85.1	79.1	75.4
Foot Examined by a Doctor in Past 12 Months (%)	76.3	82.0	46.4	72.6	84.0
Received a Dilated Eye Exam in past 12 Months (%)	55.2	64.7	46.6	47.6	71.6

Age Specific Mortality by Race, Diabetes, 2007-2009<sup>1</sup>

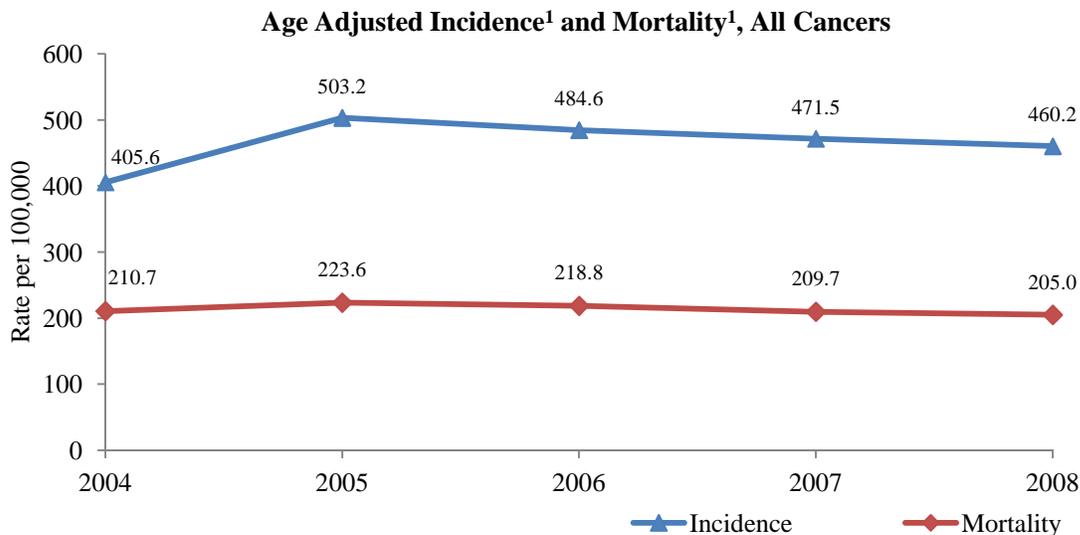


<sup>1</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

<sup>2</sup>Data 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.

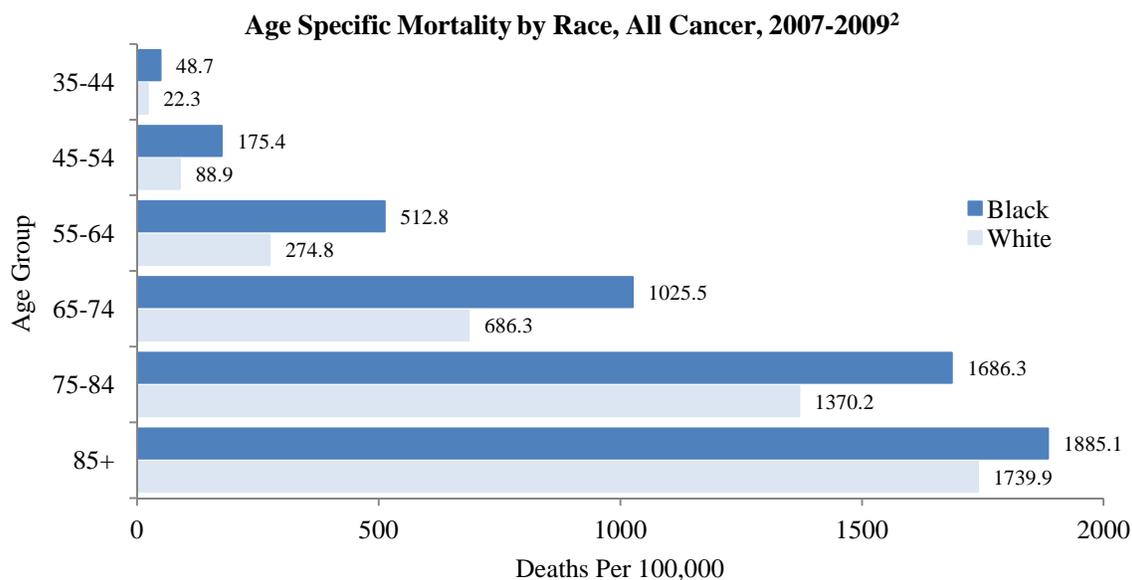
<sup>3</sup>Data Source: Tennessee Behavioral Risk Factor Surveillance System (BRFSS). Statistics are for 18+ unless indicated otherwise.

## Cancer



**Cancer Incidence<sup>1</sup> and Mortality<sup>1</sup>, 2004-2008**

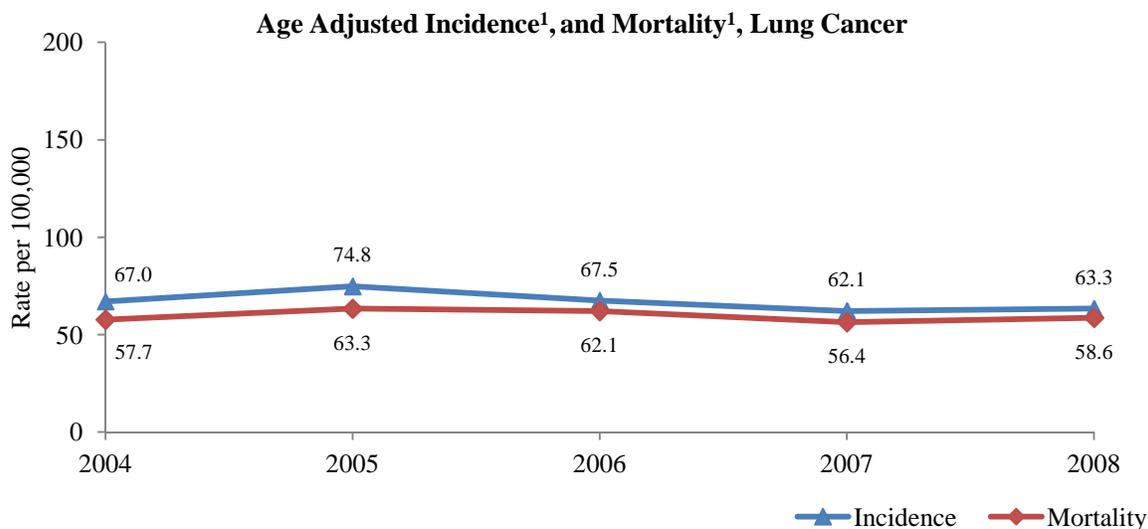
	Total	White	Black	Female	Male
Incidence (per 100,000)	465.2	446.7	484.4	402.6	563.7
Mortality (per 100,000)	213.5	177.2	271.8	182.0	267.1



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

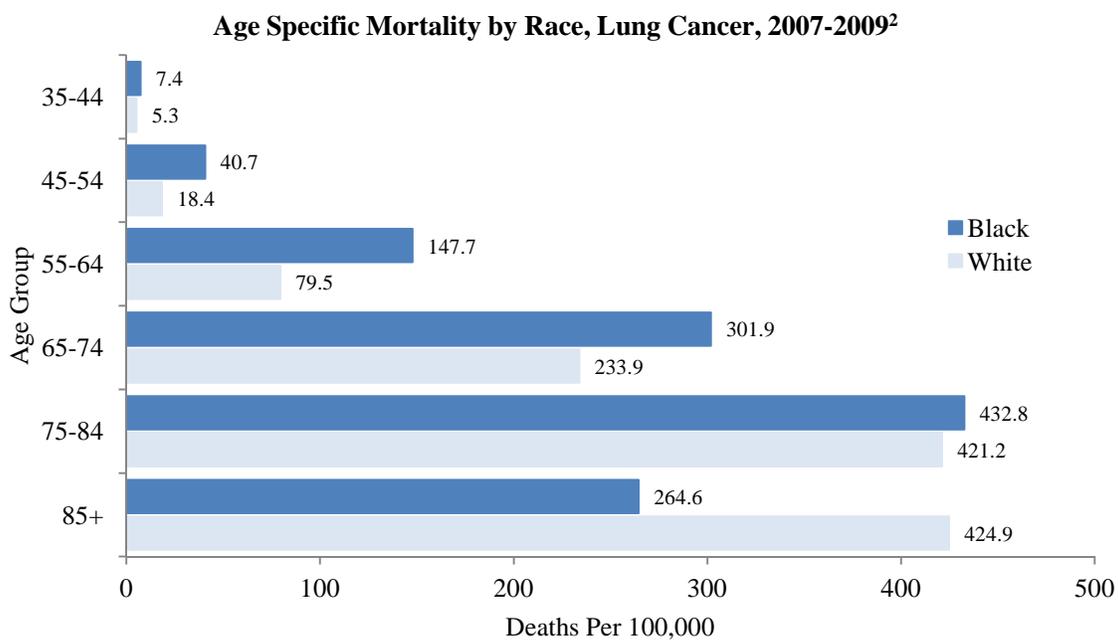
<sup>2</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

## Lung Cancer



**Lung Cancer Incidence<sup>1</sup> and Mortality<sup>1</sup>, 2004-2008**

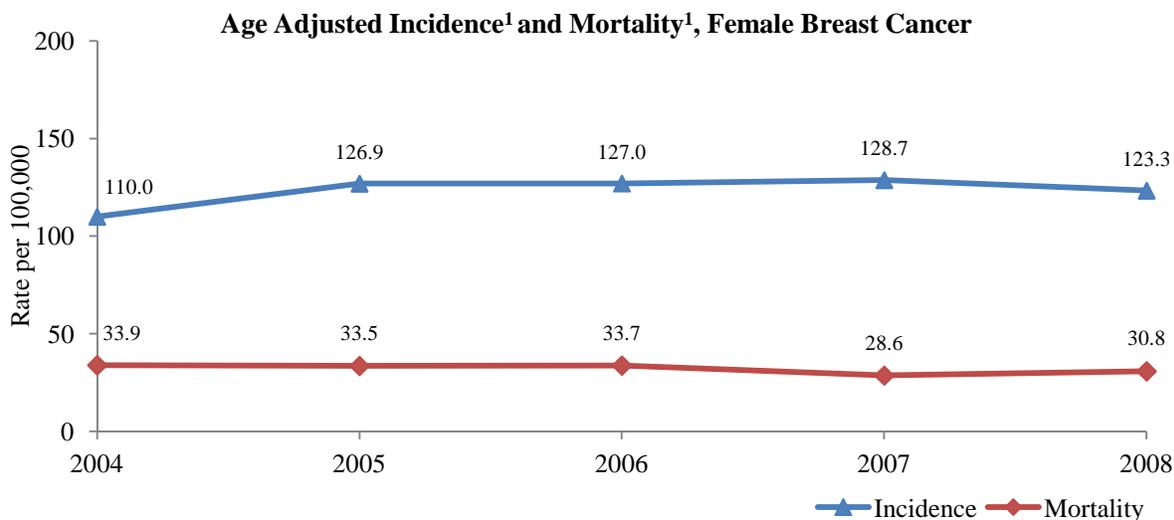
	Total	White	Black	Female	Male
Incidence (per 100,000)	67.0	61.4	74.5	53.2	87.5
Mortality (per 100,000)	59.6	52.8	70.2	44.4	83.1



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

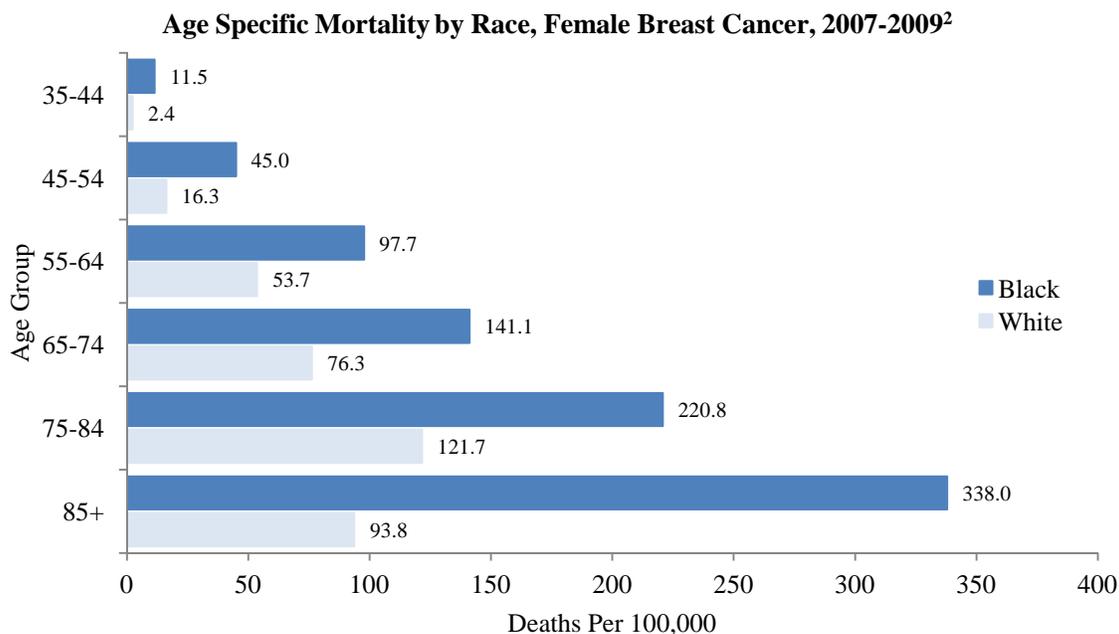
<sup>2</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

## Breast Cancer



**Female Breast Cancer Incidence<sup>1</sup> and Mortality<sup>1</sup>, 2004-2008**

	Total	White	Black
Incidence (per 100,000)	123.3	124.4	118.7
Mortality (per 100,000)	32.1	24.0	43.1

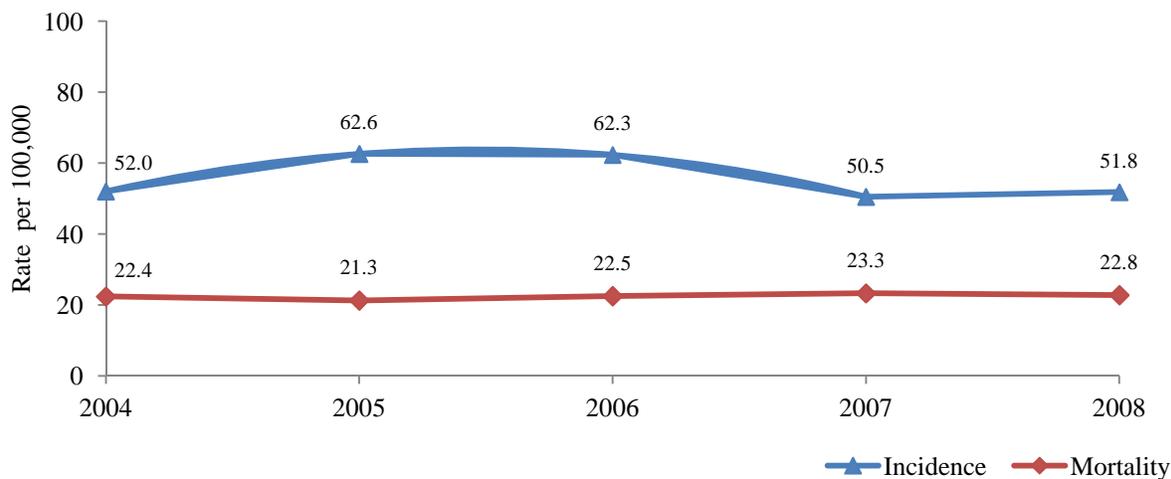


<sup>1</sup>Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

<sup>2</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

## Colorectal Cancer

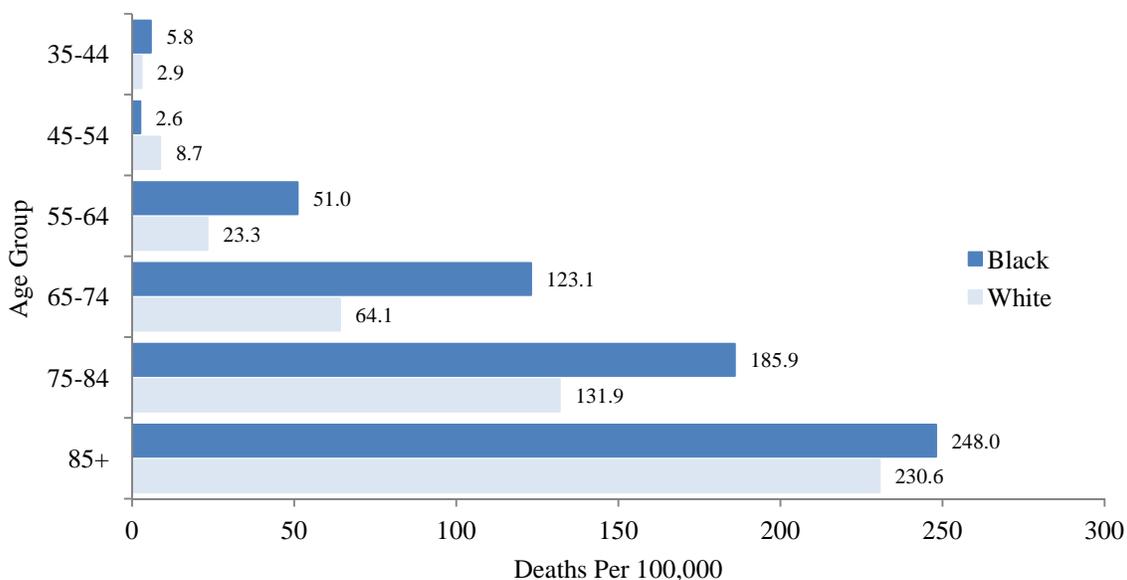
**Age Adjusted Incidence<sup>1</sup> and Mortality<sup>1</sup>, Colorectal Cancer**



**Colorectal Cancer Incidence<sup>1</sup> and Mortality<sup>1</sup>, 2004-2008**

	Total	White	Black	Female	Male
Incidence (per 100,000)	55.8	47.5	66.0	49.6	64.9
Mortality (per 100,000)	22.4	16.2	32.8	19.8	26.4

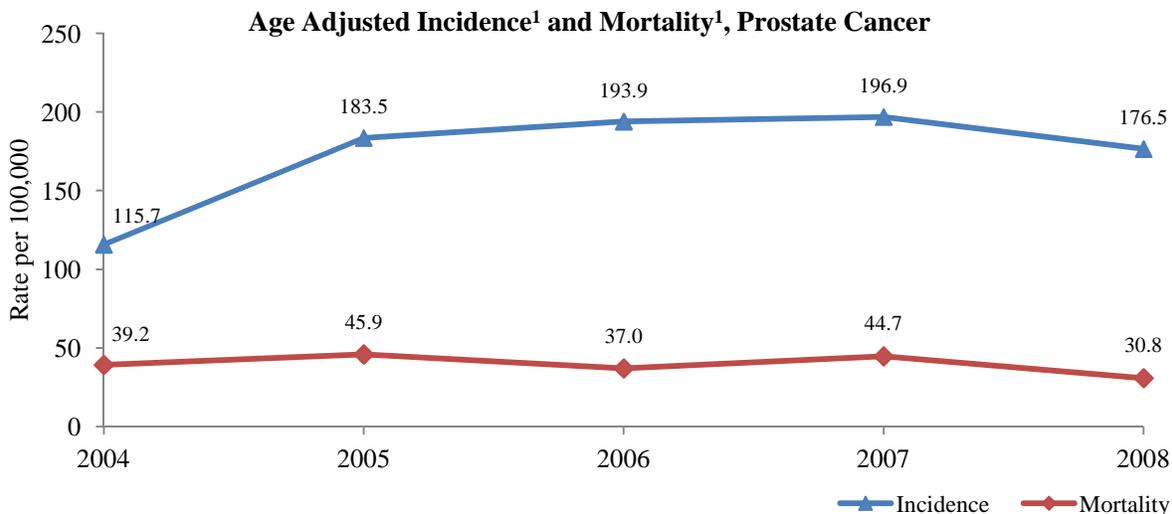
**Age Specific Mortality by Race, Colorectal Cancer, 2007-2009<sup>2</sup>**



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

<sup>2</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

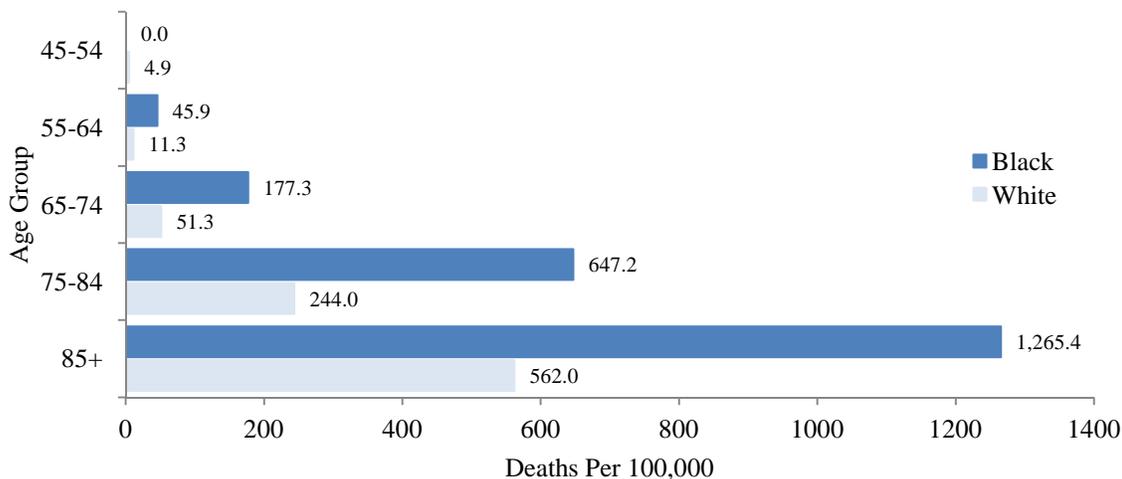
## Prostate Cancer



**Prostate Cancer Incidence<sup>1</sup> and Mortality<sup>1</sup>, 2004-2008**

	Total	White	Black
Incidence (per 100,000)	173.7	155.4	203.5
Mortality (per 100,000)	39.4	25.2	71.2

**Age Specific Mortality by Race, Prostate Cancer, 2007-2009<sup>2</sup>**



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

<sup>2</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

## Demographics

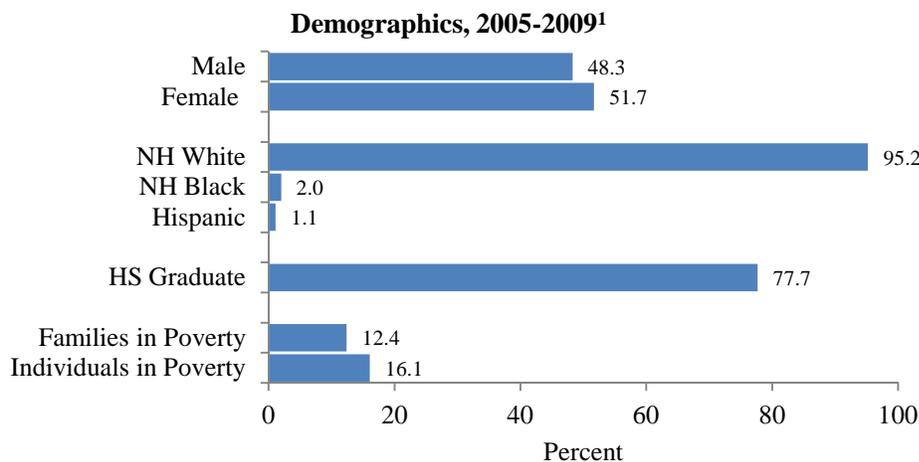


### Quick Facts

Median Age <sup>1</sup> :	42.2
Median Income <sup>1</sup> :	\$ 39,106
Home Ownership <sup>1</sup> :	76.8%
Unemployment <sup>1</sup> :	7.0%
Crime Rate <sup>2</sup> (per 1,000) :	97.5
Teen Pregnancy Rate <sup>3</sup> (per 1,000)	
Overall:	55.4
White:	55.3
Black:	64.3
Infant Mortality <sup>4</sup> (per 1,000)	
Overall:	9.2
White:	0.2
Black:	9.3
Automobile Accident Deaths <sup>4</sup> (per 100,000):	12.3

### Population by Age, Gender, and Race Distribution (2005-2009)<sup>1</sup>

Age	Gender		Race			Total
	Female	Male	Non-Hispanic White	Non-Hispanic Black	Hispanic	
<18	15,856	16,660	30,051	717	654	32,516
18-44	25,092	24,811	47,421	1,116	638	49,903
45-64	22,712	21,390	42,411	913	157	44,102
65+	15,578	11,215	26,041	332	175	26,793
Total	79,238	74,076	145,924	3,078	1,624	153,314



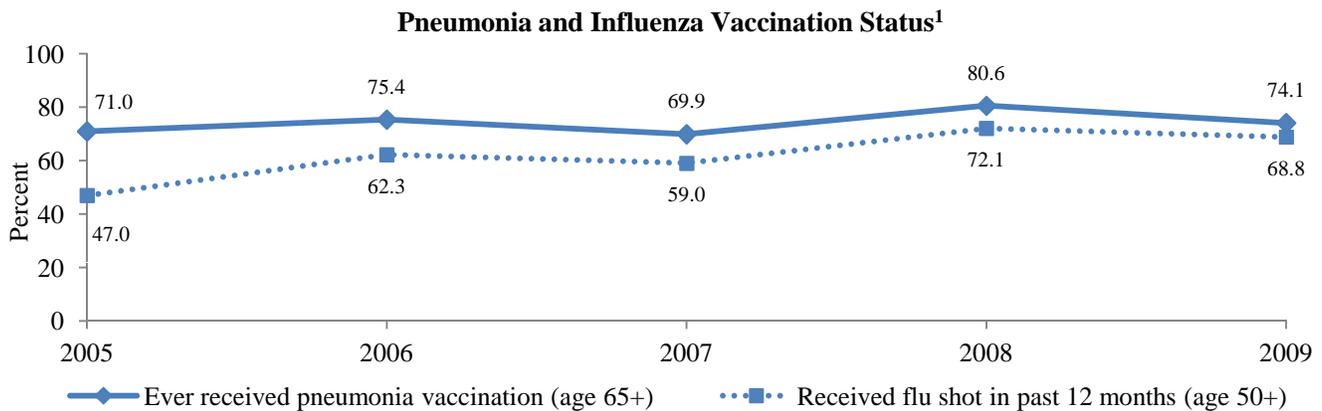
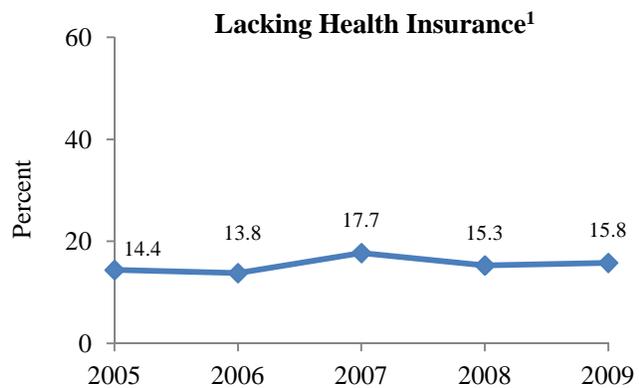
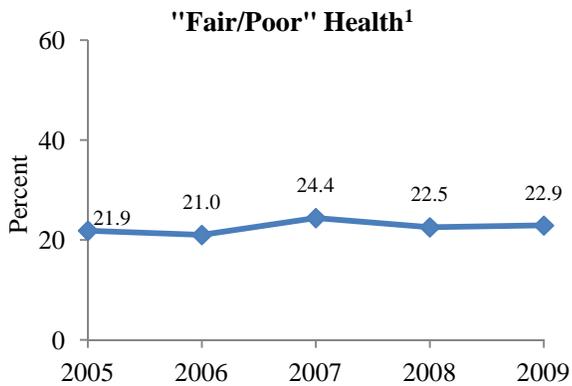
<sup>1</sup>Data Source: U.S. Census Bureau, American Community Survey, 2005-2009.

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

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

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

## General Health



### Prevalence for General Health Indicators Among Adults 18+, 2009<sup>1</sup>

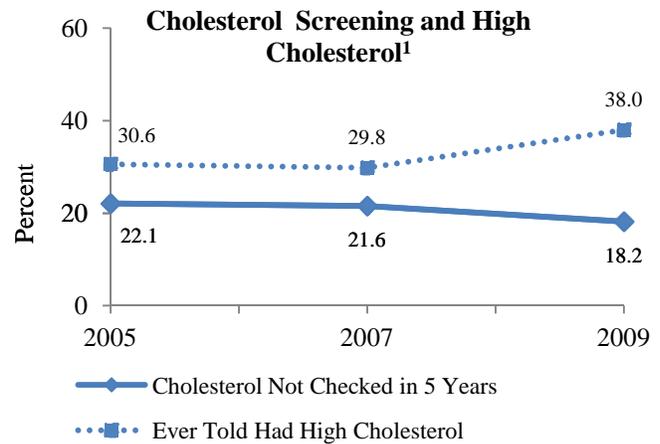
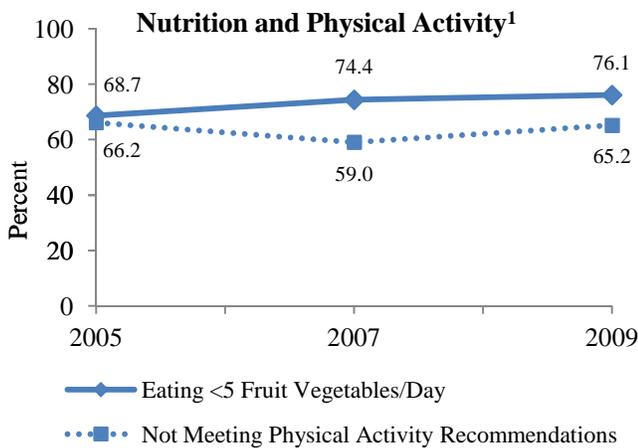
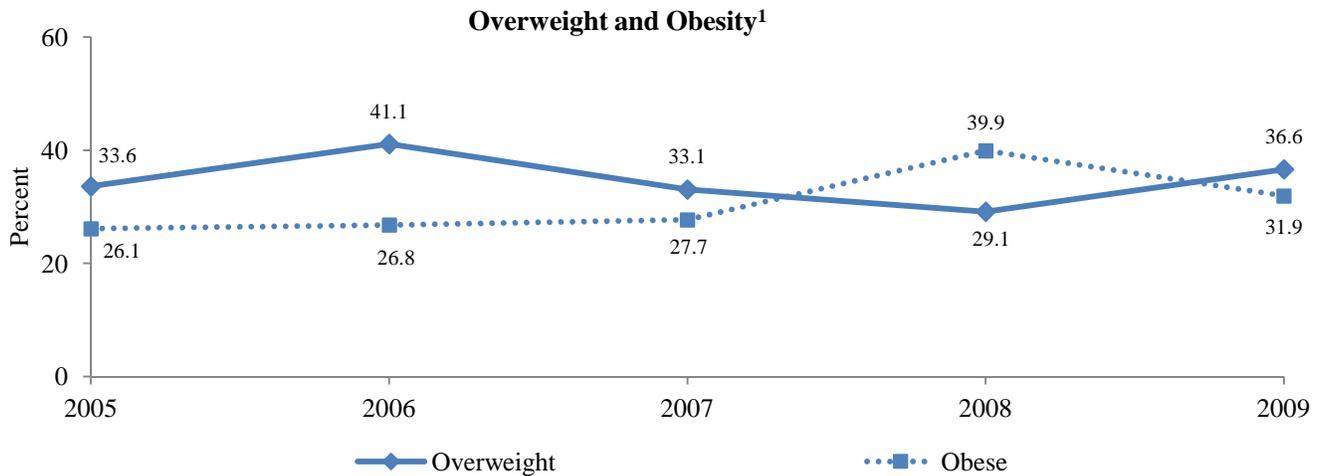
Indicator	Total	NH White	NH Black	Female	Male
Fair/Poor Health Status (%)	22.9	22.0	28.9	25.6	19.9
Lacking Health Insurance (%)	15.8	15.0	78.9	13.5	18.3
Ever Received Pneumonia Vaccination <sup>2</sup> (%)	74.1	73.5	100.0	69.0	81.1
Received Flu Shot in Past 12 Months <sup>3</sup> (%)	68.8	68.5	71.3	69.8	67.7
Mean # of Days of Poor Physical Health per Month	12.9	13.0	19.7	13.4	12.2
Mean # of Days of Poor Mental Health per Month	15.0	14.7	24.0	13.9	16.8

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

<sup>2</sup>Age 65+.

<sup>3</sup>Age 50+.

## Behavioral Risk Factors

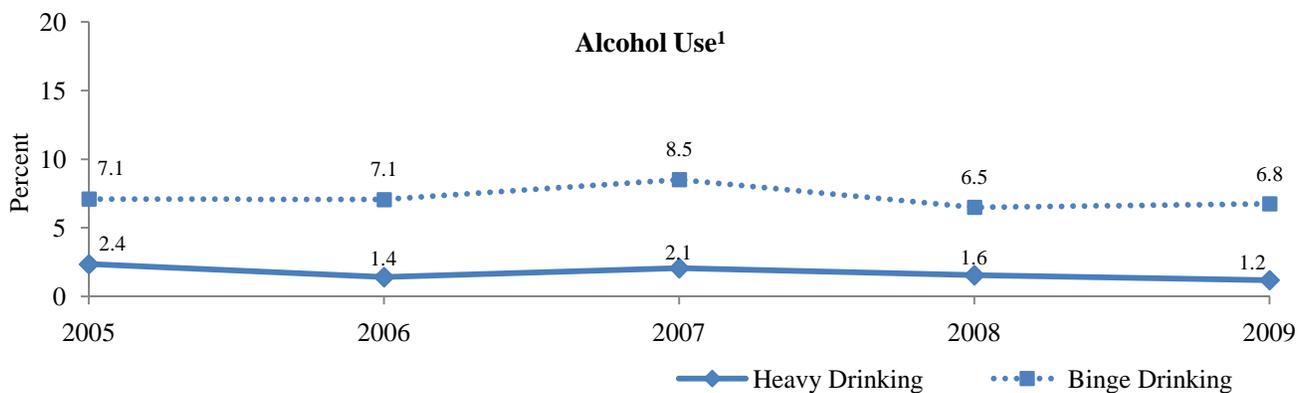
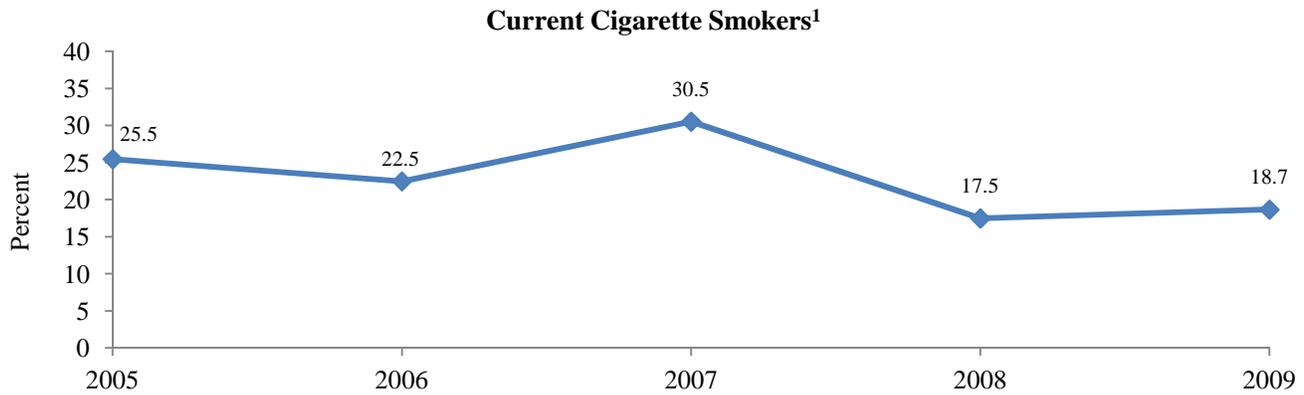


### Prevalence for Behavioral Risk Factors, 2009<sup>1</sup>

Risk factor	Total	NH White	NH Black	Female	Male
Eating <5 Fruits & Vegetables per Day (%)	76.1	75.9	81.7	67.7	85.4
Not Meeting Physical Activity Recommendations (%)	65.2	65.1	60.2	67.3	62.9
Overweight or Obese (%)	68.6	68.3	72.2	64.7	72.4
Have Not Checked Cholesterol Within the Past 5 Years (%)	18.2	17.6	59.5	13.9	22.7
Ever Told High Cholesterol (%)	38.0	38.0	35.8	37.8	38.2
Ever Told High Blood Pressure (%)	38.0	38.1	56.3	39.6	36.1

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

## Cigarette & Alcohol Use



**Prevalence for Alcohol and Tobacco Use, 2009<sup>1</sup>**

Indicator	Total	NH White	NH Black	Female	Male
Heavy Drinking (%)	1.2	0.9	21.3	0.9	1.5
Binge Drinking (%)	6.8	6.6	21.3	3.6	10.2
Current Smokers (%)	18.7	18.5	45.8	21.8	15.2

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

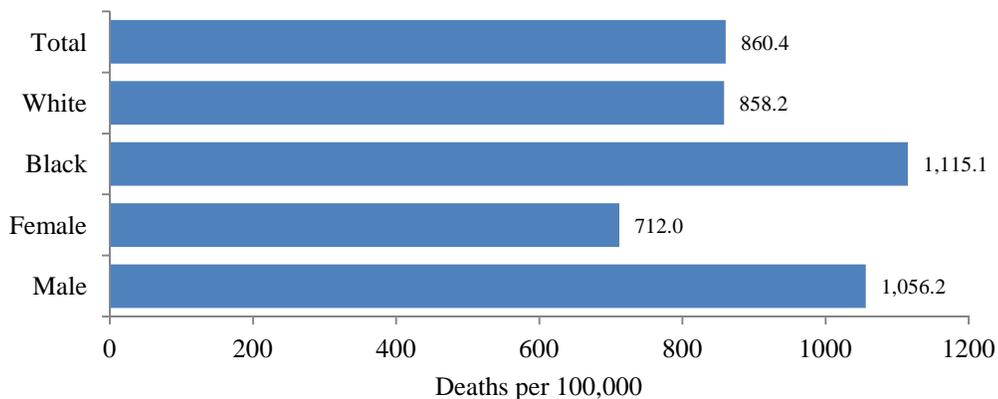
## Leading Causes of Death

### Leading Causes of Death, 2007-2009<sup>1</sup>

Rank <sup>2</sup>	Cause	# Deaths	Age Adjusted Mortality Rate <sup>3</sup> and Demographic Ranking				
			Total	White	Black	Female	Male
1	Heart disease	1,249	199.4	197.7	325.1	151.5	262.3
2	Cancer	1,208	194.1	194.5	188.0	161.4	242.7
3	Chronic lower respiratory diseases	305	47.9	48.6	13.6	42.2	59.2
4	Stroke	262	41.1	40.2	103.7	41.8	38.7
5	Accidents	225	45.8	46.1	19.1	27.5	65.7
6	Alzheimer's disease	214	33.4	33.6	24.6	34.2	30.0
7	Diabetes mellitus	165	26.7	25.9	89.2	23.7	31.0
8	Influenza and pneumonia	125	19.9	19.8	39.7	17.0	24.9
9	Kidney disease	91	14.4	14.3	18.0	14.5	14.7
10	Essential hypertension and hypertensive renal disease	76	11.9	11.6	36.6	11.7	12.1

Ranking Key:	1	2	3	4	5
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### All Cause Mortality by Race, 2007-2009<sup>1,3</sup>

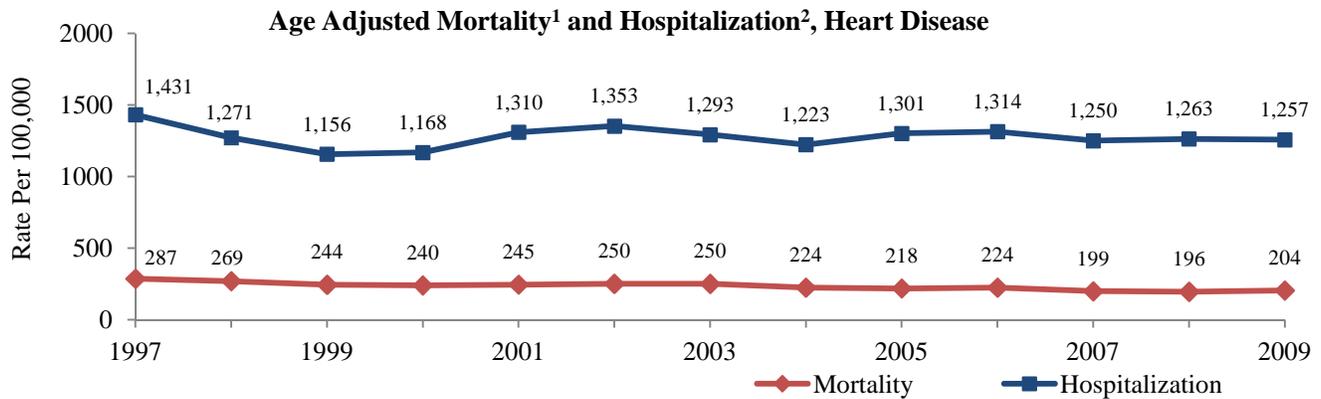


<sup>1</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjusted to the 2000 standard US population.

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

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

## Heart Disease

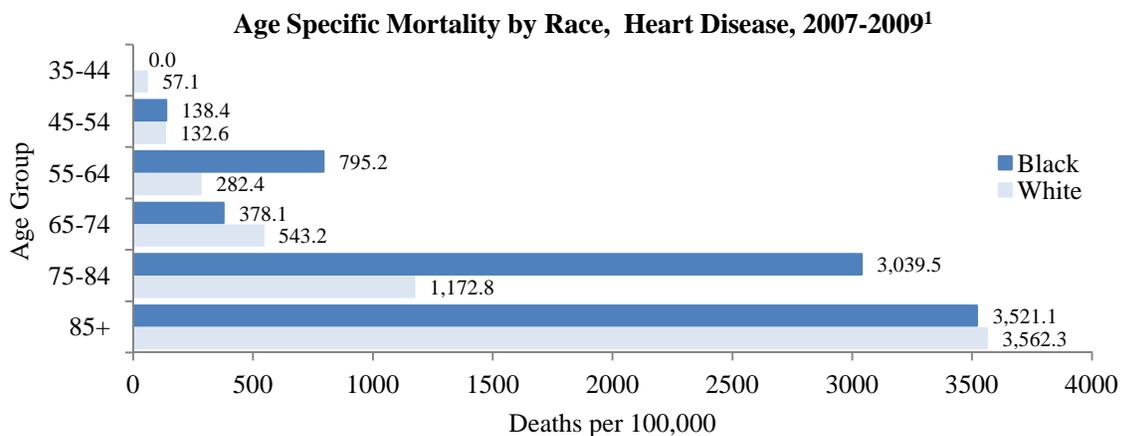


### Heart Disease Mortality<sup>1</sup> and Hospitalization<sup>2</sup>, 2007-2009

	Total	White	Black	Female	Male
Mortality (per 100,000)	199.4	197.7	325.1	151.5	262.3
Hospitalization (per 100,000)	1,256.4	261.5	205.3	1,041.1	1,504.7

### Heart Disease Prevalence<sup>3</sup>, 2009

	Total	NH White	NH Black	Female	Male
Prevalence of MI <sup>4</sup> (%)	6.7	6.7	9.5	4.8	8.8
Prevalence of CHD <sup>5</sup> (%)	7.3	7.1	9.5	9.7	5.1



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

<sup>2</sup>Data 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.

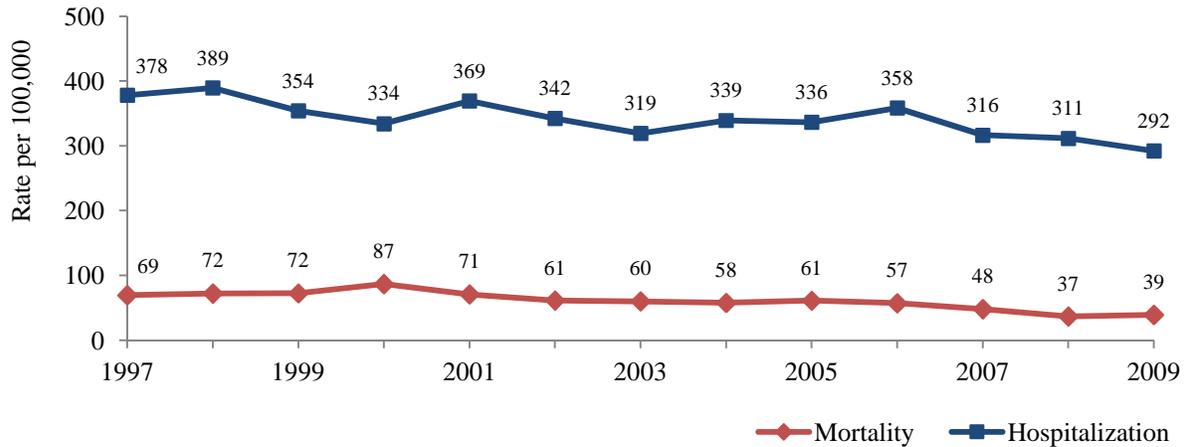
<sup>3</sup>Data Source: Tennessee Behavioral Risk Factor Surveillance System (BRFSS). Statistics are for 18+ unless indicated otherwise.

<sup>4</sup>MI= Myocardial Infarction.

<sup>5</sup>CHD=Coronary Heart Disease.

## Stroke

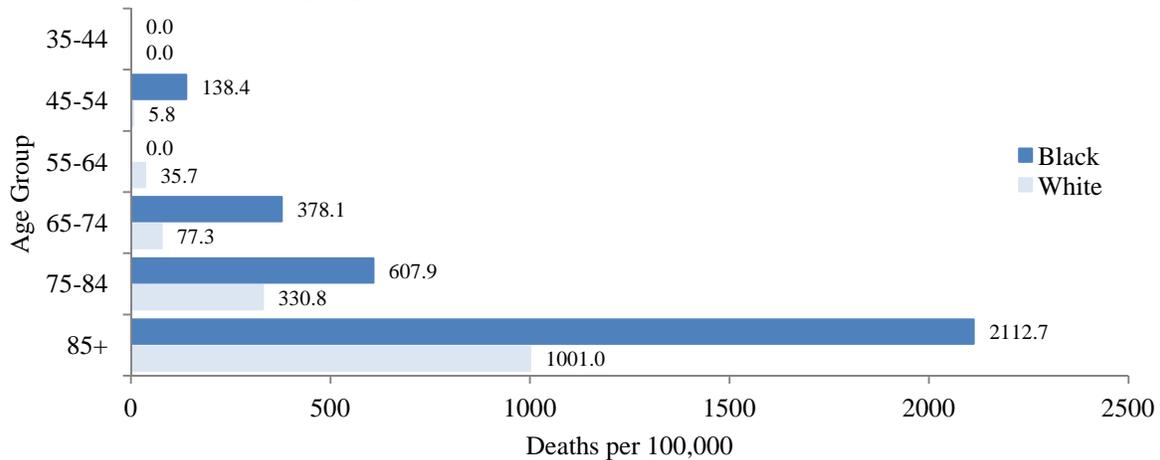
### Age Adjusted Mortality<sup>1</sup> and Hospitalization<sup>2</sup>, Stroke



### Stroke Mortality<sup>1</sup>, Hospitalization<sup>2</sup>, and Prevalence<sup>3</sup>, 2007-2009

	Total	White	Black	Female	Male
Mortality (per 100,000)	41.1	40.2	103.7	41.8	38.7
Hospitalization (per 100,000)	306.4	64.4	0.0	288.4	330.1
Prevalence <sup>4</sup> (%)	1.7	1.7	0.0	2.6	0.6

### Age Specific Mortality by Race, Stroke, 2007-2009<sup>1</sup>



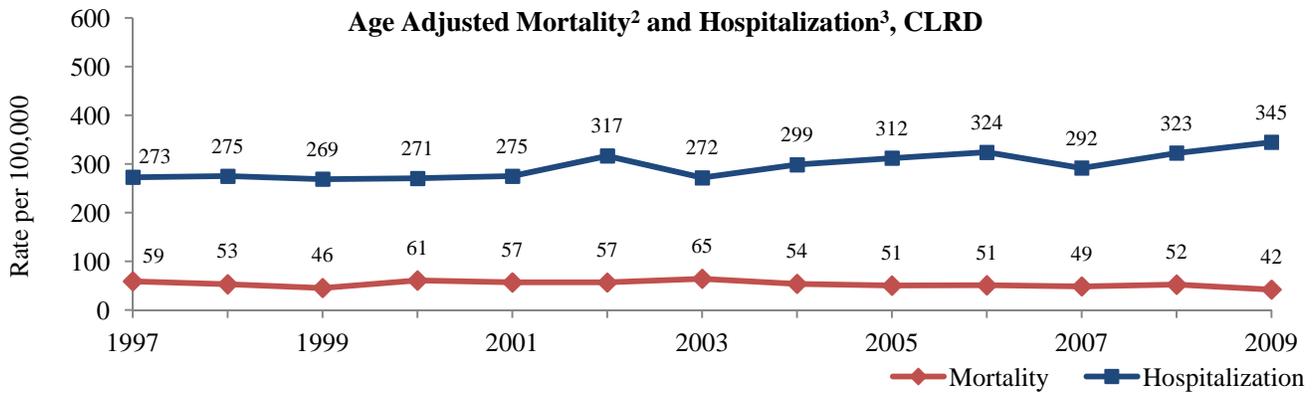
<sup>1</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

<sup>2</sup>Data 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.

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

<sup>4</sup>2009 data, NH white and NH black race groups.

## CLRD<sup>1</sup>



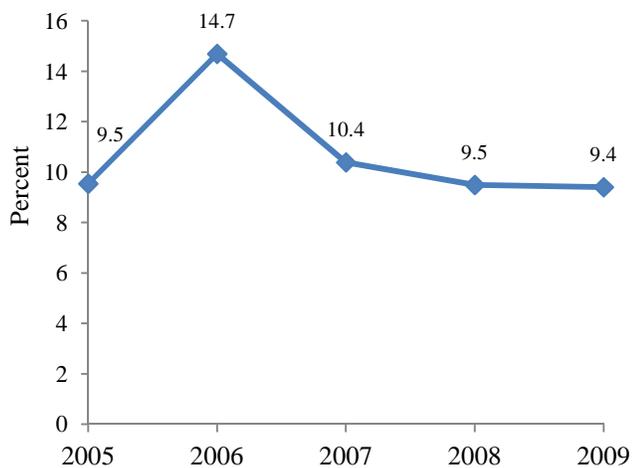
### Chronic Lower Respiratory Disease Mortality<sup>2</sup> and Hospitalization<sup>3</sup>, 2007-2009

	Total	White	Black	Female	Male
Mortality (per 100,000)	47.9	48.6	13.6	42.2	59.2
Hospitalization (per 100,000)	319.8	81.8	81.8	346.9	290.5

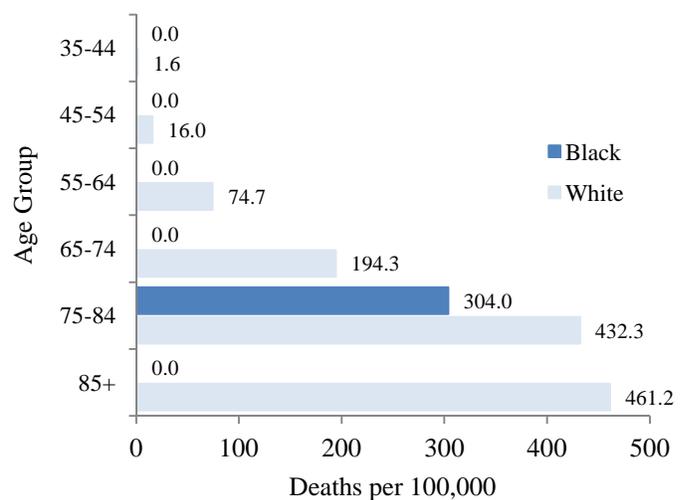
### Asthma Prevalence, 2009<sup>4</sup>

	Total	NH White	NH Black	Female	Male
Ever Had Asthma (%)	13.4	13.6	11.6	13.9	12.8
Currently Have Asthma (%)	9.4	9.5	11.6	10.9	7.8

### Prevalence of Self-Reported Current Asthma<sup>4</sup>



### Age Specific Mortality by Race, CLRD, 2007-2009<sup>2</sup>



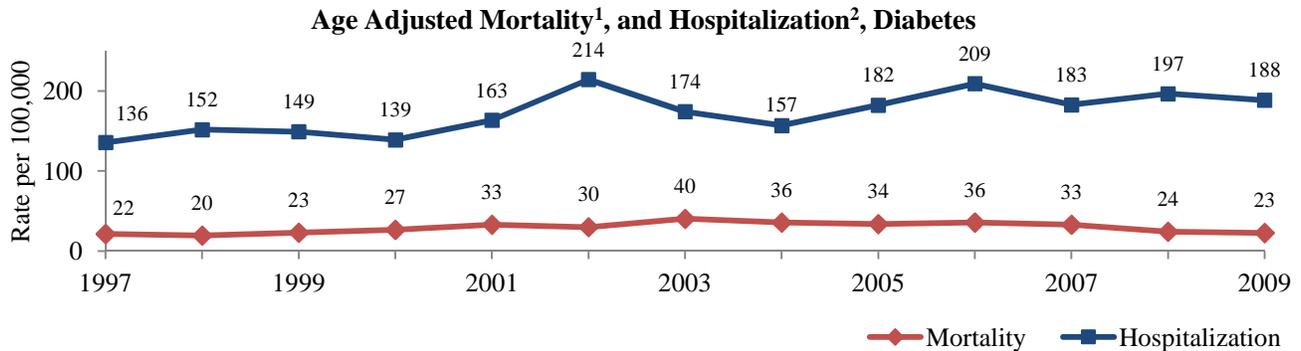
<sup>1</sup>CLRD= Chronic Lower Respiratory Disease.

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

<sup>3</sup>Data 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.

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

## Diabetes

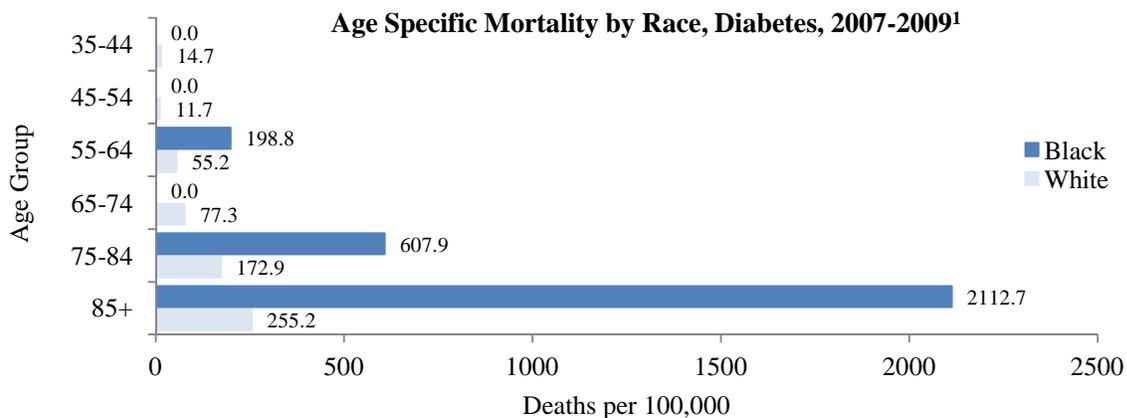


### Diabetes Mortality<sup>1</sup> and Hospitalization<sup>2</sup>, 2007-2009

	Total	White	Black	Female	Male
Mortality (per 100,000)	26.7	25.9	89.2	23.7	31.0
Hospitalization (per 100,000)	189.2	45.6	35.6	189.0	191.8

### Diabetes Prevalence<sup>3</sup> and Diabetes Management Indicators<sup>3</sup>, 2009

	Total	NH White	NH Black	Female	Male
Prevalence (%)	14.2	13.9	31.0	13.8	14.7
Self-Blood Glucose Monitoring at Least Once Daily (%)	83.2	83.5	0.0	88.6	77.9
Foot Examined by a Doctor in Past 12 Months (%)	71.3	73.0	0.0	71.4	71.3
Received a Dilated Eye Exam in past 12 Months (%)	82.1	84.4	100.0	80.3	84.0

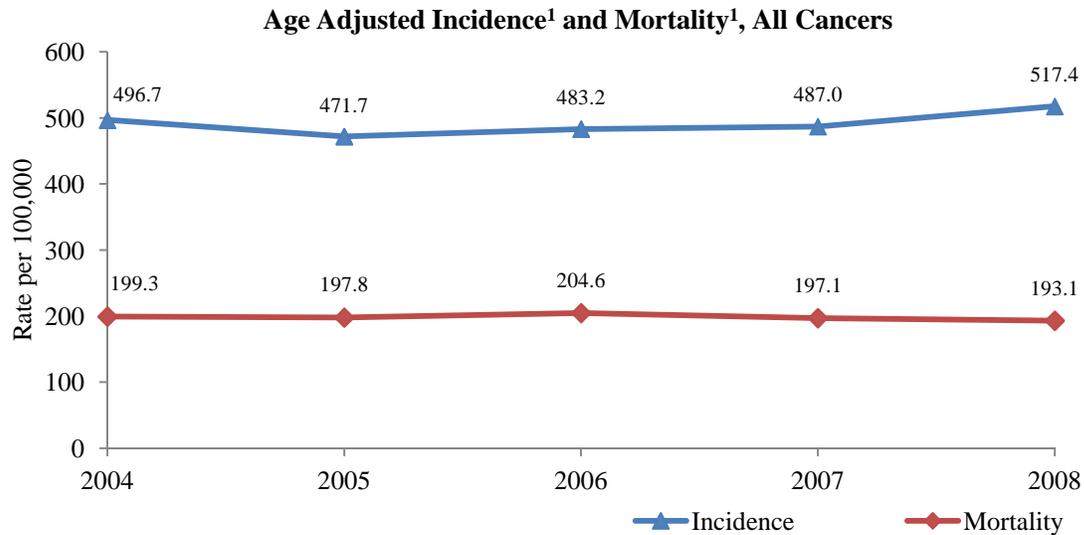


<sup>1</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics. Age adjustment based on the 2000 standard US population.

<sup>2</sup>Data 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.

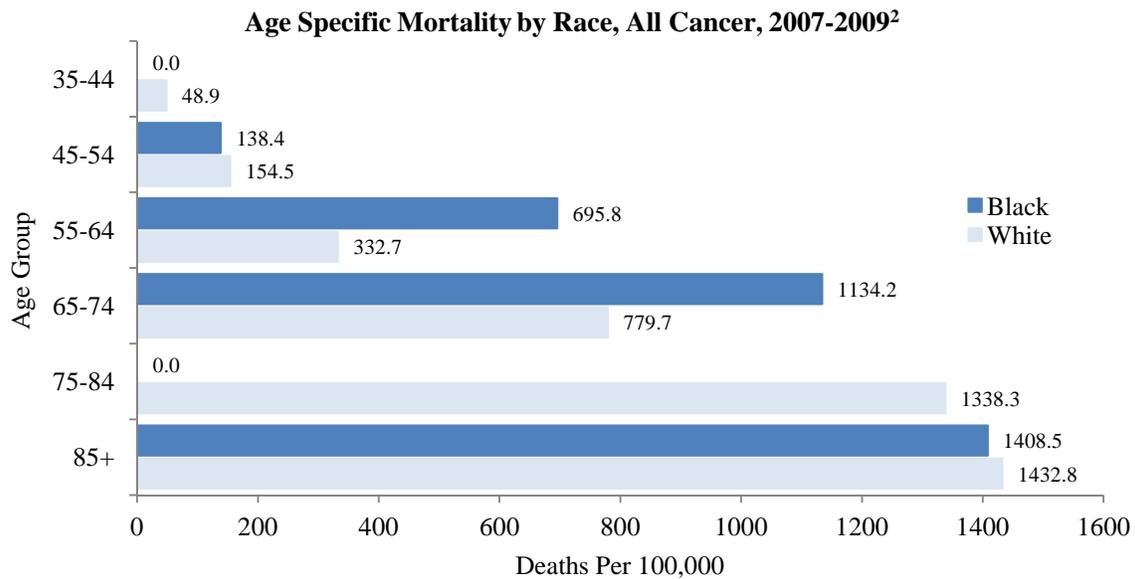
<sup>3</sup>Data Source: Tennessee Behavioral Risk Factor Surveillance System (BRFSS). Statistics are for 18+ unless indicated otherwise.

## Cancer



**Cancer Incidence<sup>1</sup> and Mortality<sup>1</sup>, 2004-2008**

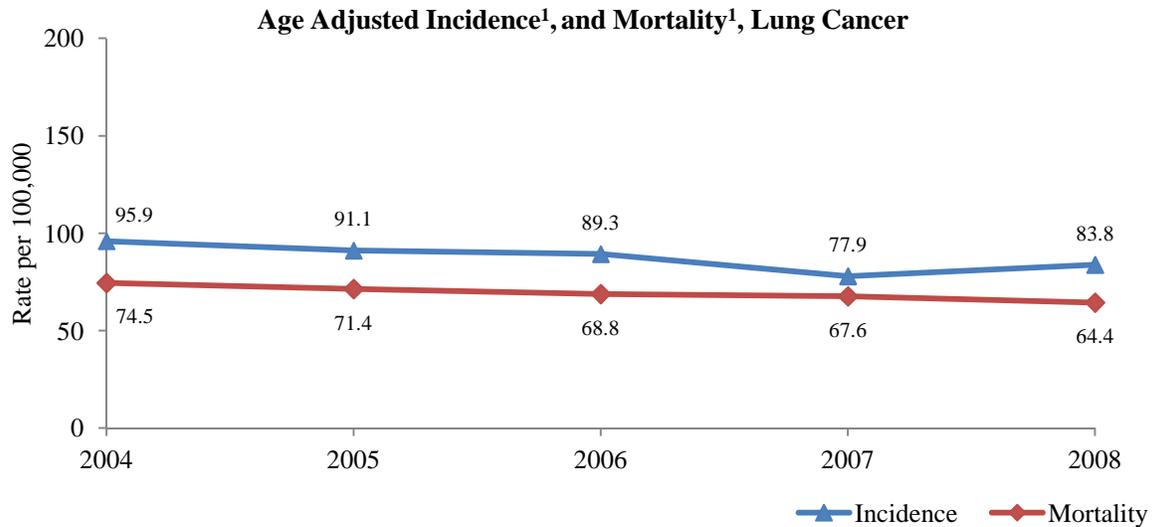
	Total	White	Black	Female	Male
Incidence (per 100,000)	491.3	494.2	389.8	428.3	581.2
Mortality (per 100,000)	198.1	198.8	204.6	158.7	254.7



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

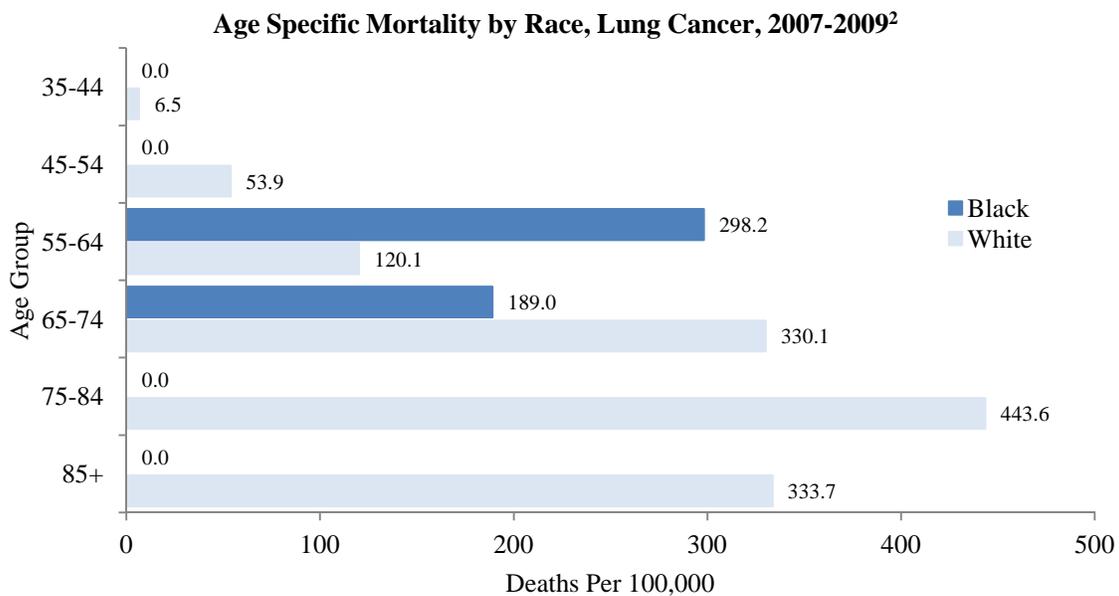
<sup>2</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

## Lung Cancer



### Lung Cancer Incidence<sup>1</sup> and Mortality<sup>1</sup>, 2004-2008

	Total	White	Black	Female	Male
Incidence (per 100,000)	87.4	88.2	^	66.7	115.8
Mortality (per 100,000)	69.3	69.7	60.6	49.1	96.8

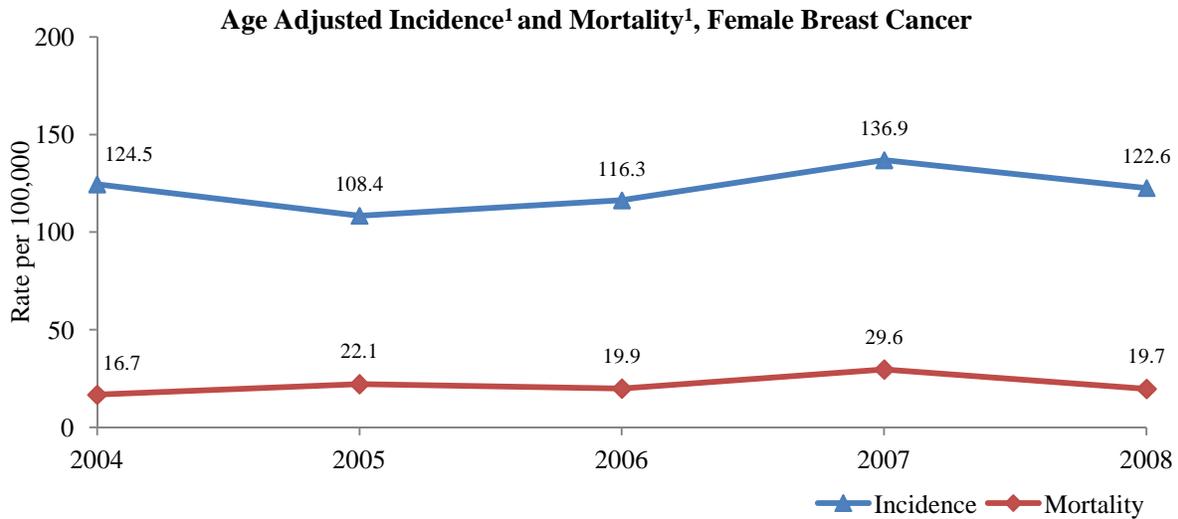


<sup>1</sup>Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

<sup>2</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

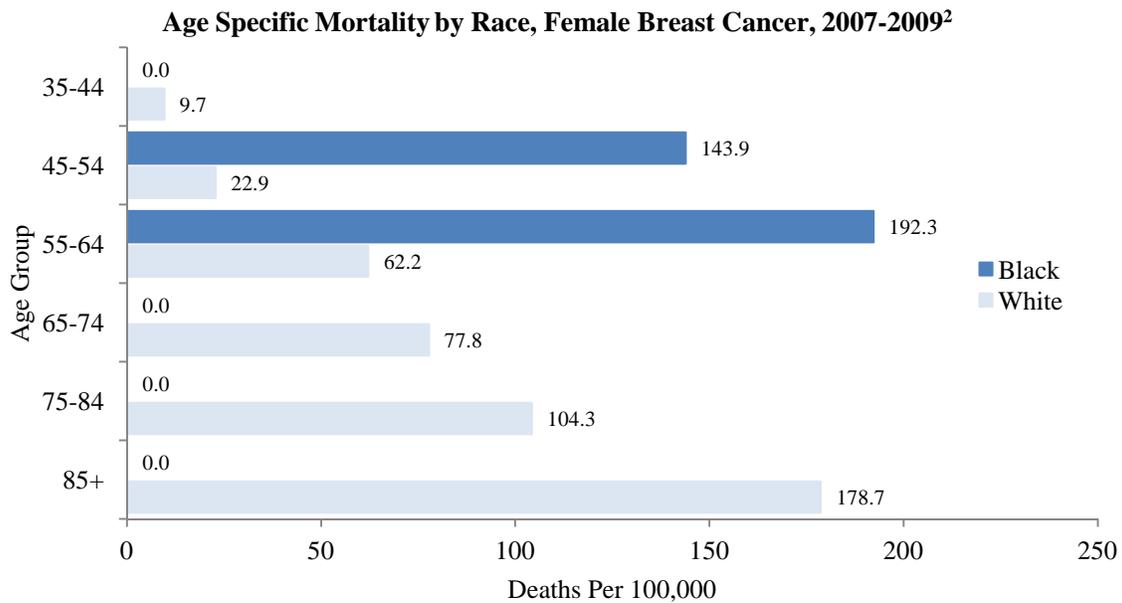
^ Indicates data has been suppressed due to small numbers.

## Breast Cancer



**Female Breast Cancer Incidence<sup>1</sup> and Mortality<sup>1</sup>, 2004-2008**

	Total	White	Black
Incidence (per 100,000)	121.7	122.8	^
Mortality (per 100,000)	21.6	20.9	^



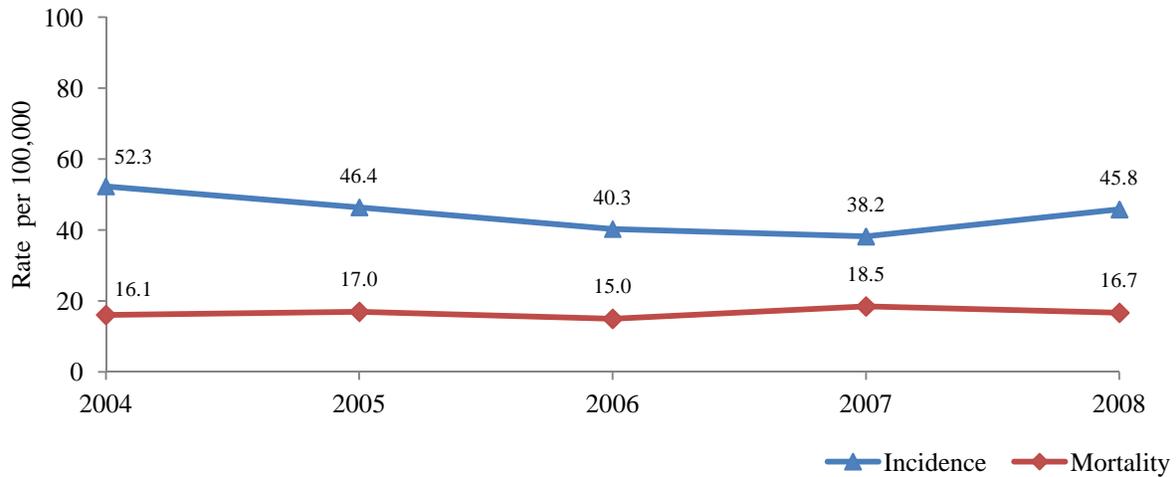
<sup>1</sup>Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

<sup>2</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

## Colorectal Cancer

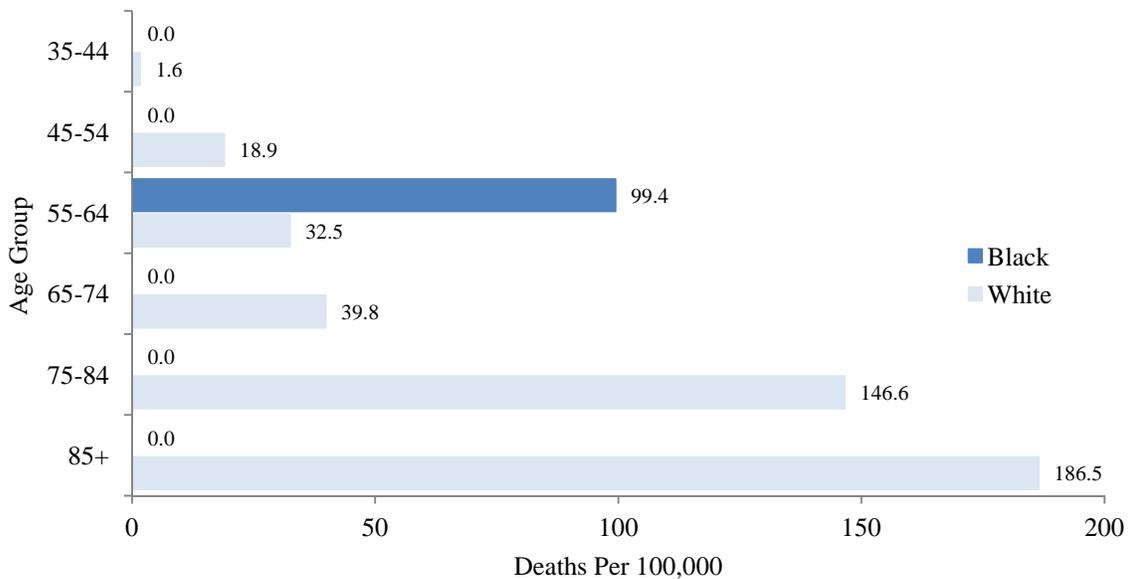
**Age Adjusted Incidence<sup>1</sup> and Mortality<sup>1</sup>, Colorectal Cancer**



**Colorectal Cancer Incidence<sup>1</sup> and Mortality<sup>1</sup>, 2004-2008**

	Total	White	Black	Female	Male
Incidence (per 100,000)	44.6	44.5	^	39.8	50.4
Mortality (per 100,000)	16.6	16.7	^	12.9	21.2

**Age Specific Mortality by Race, Colorectal Cancer, 2007-2009<sup>2</sup>**

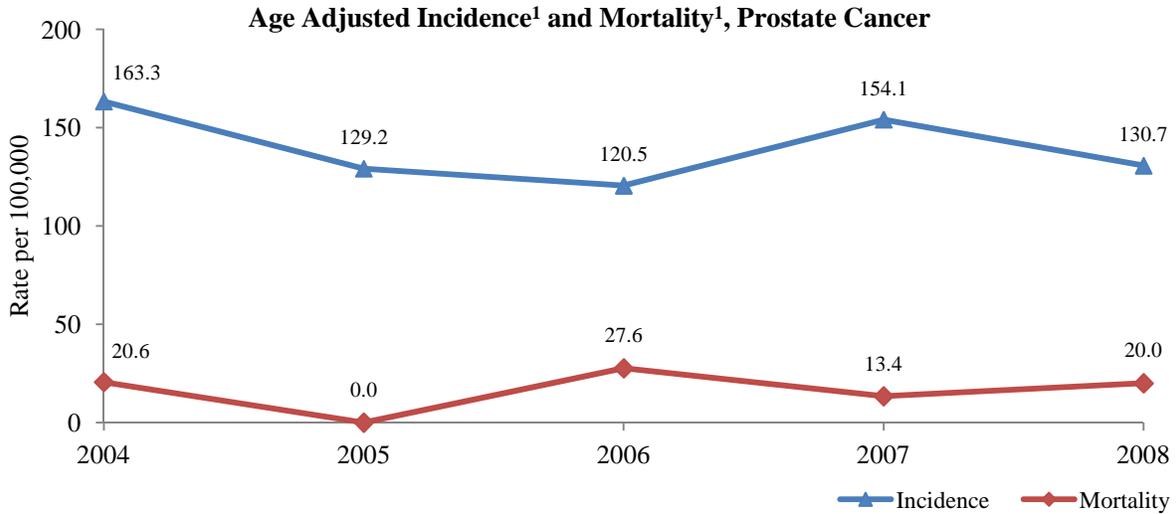


<sup>1</sup>Data Source: Cancer Registry, Tennessee Department of Health, Office of Cancer Surveillance, all ages. Age adjusted to the 2000 standard US population.

<sup>2</sup>Data Source: Death Statistical System, Tennessee Department of Health, Division of Health Statistics.

^ Indicates data has been suppressed due to small numbers.

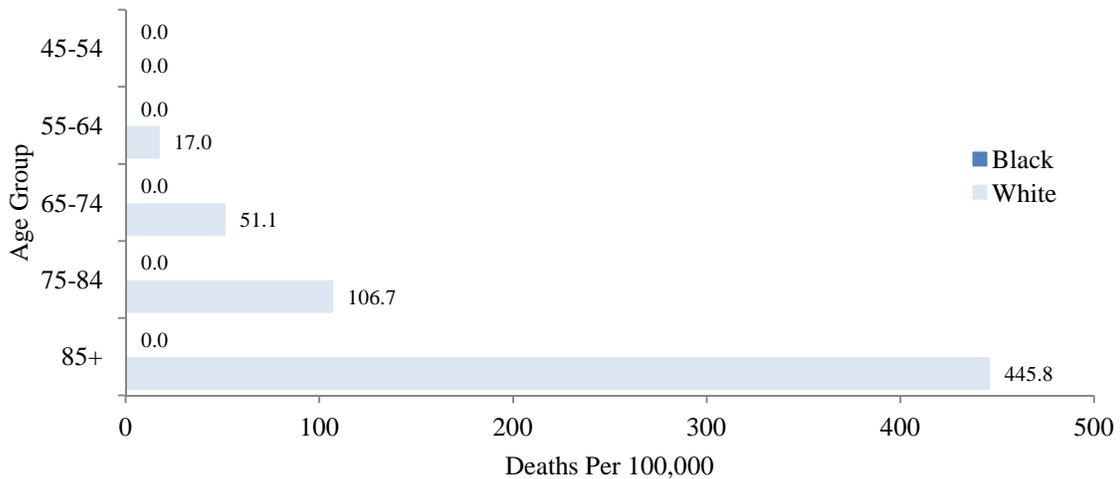
## Prostate Cancer



**Prostate Cancer Incidence<sup>1</sup> and Mortality<sup>1</sup>, 2004-2008**

	Total	White	Black
Incidence (per 100,000)	139.4	138.8	203
Mortality (per 100,000)	18.8	18.5	^

**Age Specific Mortality by Race, Prostate Cancer, 2007-2009<sup>2</sup>**



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

<sup>2</sup>Data 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. 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 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 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, 9<sup>th</sup> Revision (ICD-9) was used; for mortality data after 1999 the ICD-10 was used; for cancer incidence data International Classification of Diseases Oncology, 3<sup>rd</sup> 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
Diseases of heart	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
Motor vehicle 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. 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.