

Community Health Assessment 2015

Data Book 2
Analysis of Secondary Data
Brunswick County, North Carolina



Health Services
Brunswick County NC

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1. ANALYSIS OF SECONDARY DATA

A community health assessment requires evaluation of primary and secondary data.

Primary data is collected from community members specifically for purposes of the current community health assessment. Examples include the Health Opinion Survey and Listening Groups. These results are provided in Data Book 1.

Data Book 2 summarizes secondary data. Secondary data includes information about the population, environment, and population health. This information is collected from on the local, state, and national levels. Examples include the US Census, Community Health Rankings, and North Carolina State Center for Health Statistics, and others as delineated in the Community Health Assessment Secondary Data and Recommended Sources provided by the North Carolina Division of Public Health.

1.1 COMPARISON WITH PEER COUNTIES AND STATE

For comparison purposes, most of the health indicators in Data Book 2 are presented for Brunswick, NC overall, and the NC peer counties. In accordance with new guidelines (effective 25June2014) provided by the North Carolina Division of Public Health (NC DPH), secondary data must be compared to peer counties unless the agency is involved in a regional approach.¹ This comparison addresses the Accreditation Activity 1.1.j, which is to “compare selected local data with data from other jurisdictions,” specifically, “compare select health data with peer counties and state data.”²

The methodology for determining peer counties included an assessment of population size, population groupings established by the National Association of County and City Health Officials (NACCHO), poverty estimates, percentage of population living below the poverty line, age (less than 18 years, 65 years or older), and population density. A detailed summary of these methods can be found among the NC DPH Community Health Assessment resources.³

NC Peer Counties: Brunswick, Burke, New Hanover, Carteret

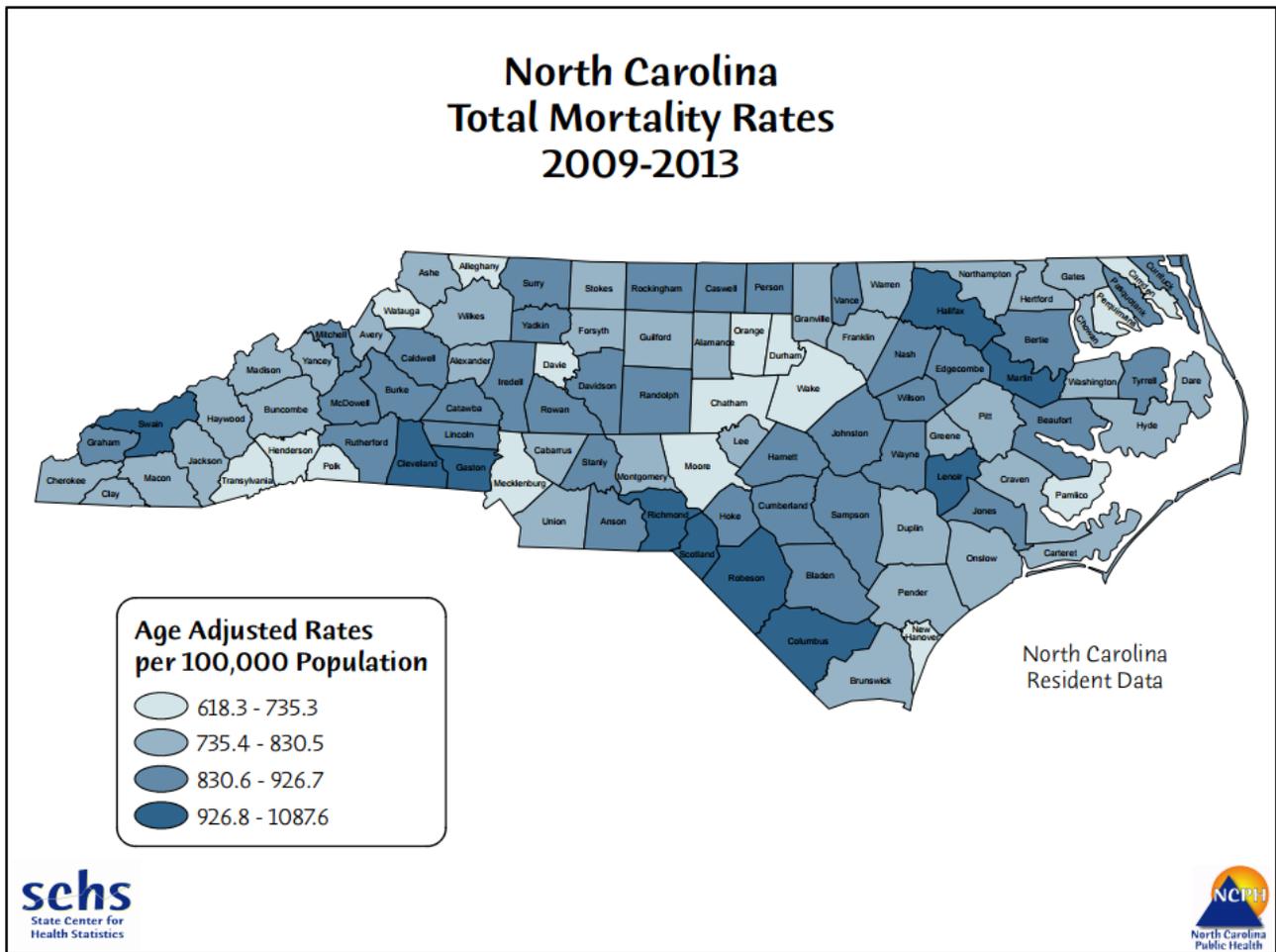
Population size	68,434 - 213,267
Individuals living below poverty level	14.7% - 20.5%
Population under 18 years	17.6% - 20.3%
Population 65 years and over	15.3% - 25.7%
Population density (people per square mile)	131 -1058

¹North Carolina Division of Public Health. Community Health Assessment. CHA Highlights. [<http://publichealth.nc.gov/lhd/cha/>]

² NC DPH. CHA Guidebook [<http://publichealth.nc.gov/lhd/cha/docs/guidebook/CHA-DataList-01042013.pdf>]

³ NC DPH. CHA Resources. Health Stat Peer Counties [<http://publichealth.nc.gov/lhd/cha/docs/PeerCounties.pdf>]

1.2 Overall Mortality

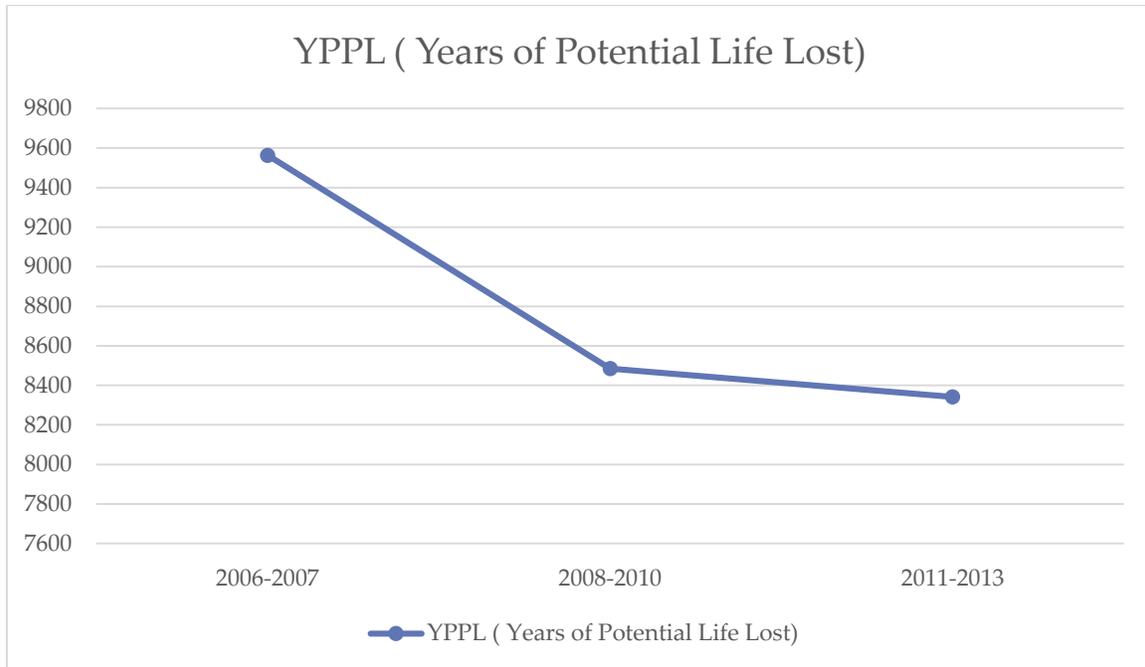


Source: North Carolina State Center for Health Statistics. Vital Statistics

1.3 PREMATURE DEATH

Premature death is the years of potential life lost before the age of 75. Every death before the age of 75 contributes to the total number of total years of potential life lost. If a person were to die at 25, that contributes 50 years of life lost to the county total, whereas as person who dies at 65 would contribute 10 years. The measure is presented as a rate per 100, 000 population and is age adjusted. This is a measure of premature mortality which focuses on deaths that could have been prevented, and improving public health interventions to impact disease and death.

Between the years 2011-2013, Brunswick had 8,342 years of life lost, which is similar to that of the peer counties which ranged from 6,257 to 8,354 years. Brunswick is improving significantly in this area, which has been declining from 8,485 years in 2009-2013, and from 9,564 years in 2006-2007.



2 Leading Causes of Death

Leading causes of death for Brunswick, Peer Counties, and the state of North Carolina for 2014. Presented for all ages, all races, both genders, and Hispanic, N-H, and Unknown Hispanic ethnicity.
Source: State Center for Health Statistics, North Carolina

Brunswick

Rank	Cause	Number	%
1	Cancer	350	27.1
2	Diseases of heart	283	21.9
3	Chronic lower respiratory diseases	92	7.1
4	Cerebrovascular diseases	55	4.3
5	All other unintentional injuries	45	3.5
6	Diabetes mellitus	42	3.3
7	Alzheimer's disease	41	3.2
8	Influenza and pneumonia	28	2.2
9	Nephritis, nephrotic syndrome and nephrosis	22	1.7
10	Intentional self-harm (suicide)	20	1.6
	All other causes (Residual)	312	24.1
Total Deaths -- All Causes		1290	100

Burke

Rank	Cause	Number	%
1	Diseases of heart	243	23.7
2	Cancer	203	19.8
3	Chronic lower respiratory diseases	87	8.5
4	Cerebrovascular diseases	54	5.3
5	Alzheimer's disease	49	4.8
6	All other unintentional injury	48	4.7
7	Diabetes mellitus	25	2.4
8	Nephritis	24	2.3
9	Influenza and Pneumonia	23	2.2
10	Chronic liver disease and cirrhosis	20	2.0
	All other causes (Residual)	248	24.3
Total Deaths -- All Causes		1024	100

New Hanover

Rank	Cause	Number	%
1	Cancer	427	23.4
2	Diseases of heart	369	20.2
3	Cerebrovascular diseases	150	8.2
4	Chronic lower respiratory diseases	93	5.1
5	All other unintentional injuries	71	3.9
6	Alzheimer's disease	60	3.3
7	Diabetes mellitus	45	2.5
8	Nephritis, nephrotic syndrome and nephrosis	41	2.2
9	Intentional self-harm (suicide)	40	2.2
10	Septicemia	26	1.4
	All other causes (Residual)	506	27.6
Total Deaths -- All Causes		1828	100

Carteret

Rank	Cause	Number	%
1	Cancer	182	24.1
2	Diseases of heart	164	21.7
3	Chronic lower respiratory diseases	44	5.8
4	Cerebrovascular diseases	39	5.2
5	All other unintentional injuries	28	3.7
6	Alzheimer's disease	22	2.9
7	Diabetes mellitus	18	2.4
8	Influenza and Pneumonia	17	2.3
9	Intentional Self Harm	14	1.9
10	Chronic Liver Disease	12	1.6
	Parkinson's Disease	12	1.6
	All other causes (Residual)	203	26.8
Total Deaths -- All Causes		755	100

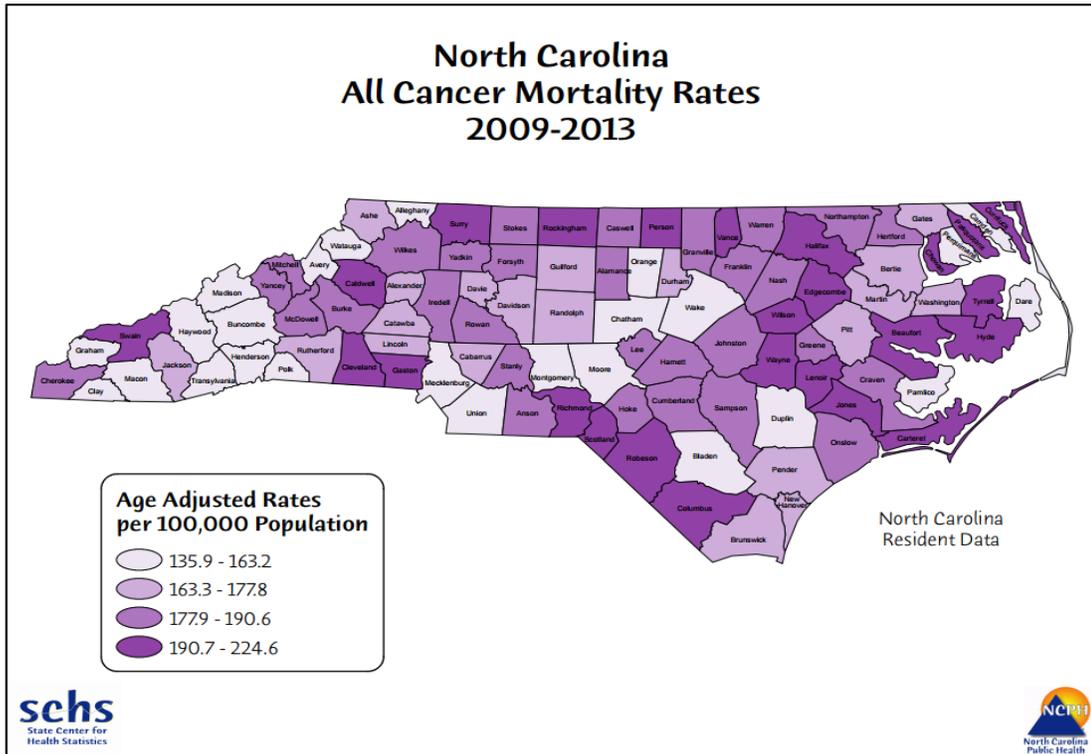
North Carolina – All Counties

Rank	Cause	Number	%
1	Cancer	19301	22.7
2	Diseases of heart	17547	20.6
3	Chronic lower respiratory diseases	5020	5.9
4	Cerebrovascular diseases	4691	5.5
5	Alzheimer's disease	3240	3.8
6	All other unintentional injuries	3152	3.7
7	Diabetes mellitus	2685	3.2
8	Influenza and pneumonia	1869	2.2
9	Nephritis, nephrotic syndrome and nephrosis	1790	2.1
10	Motor vehicle injuries	1386	1.6
	All other causes (Residual)	24531	28.7
Total Deaths -- All Causes		85212	100

3 Cancer

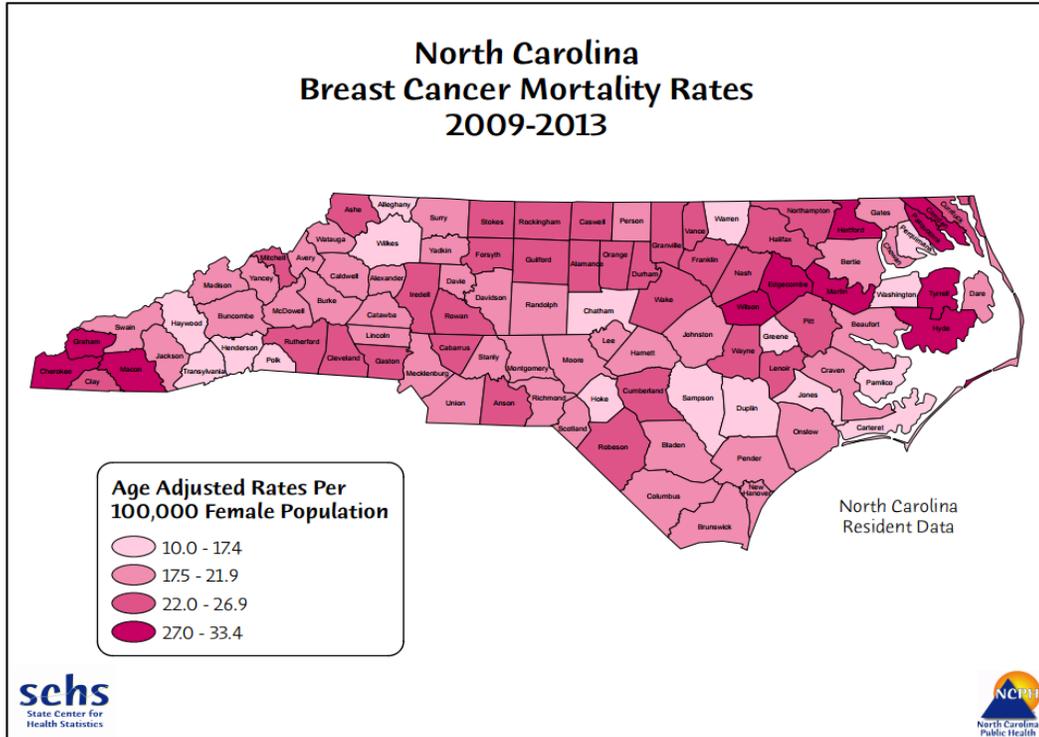
3.1 Cancer Mortality Rates

All Types



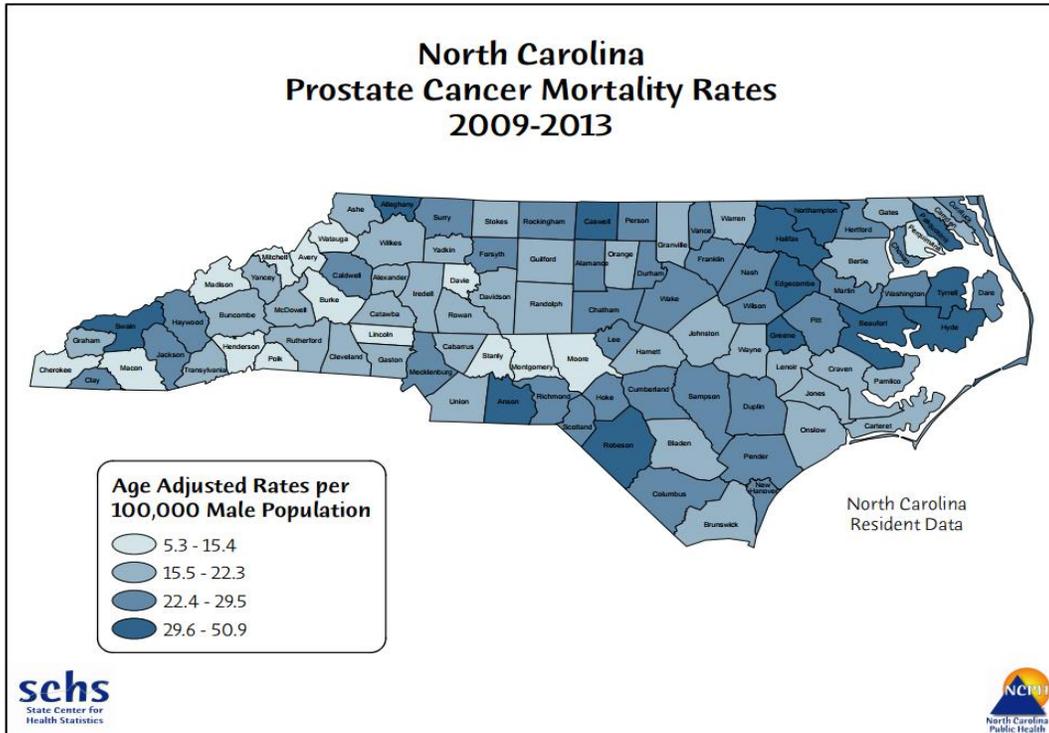
<http://www.schs.state.nc.us/data/hsa/vital.htm>

Breast Cancer Deaths



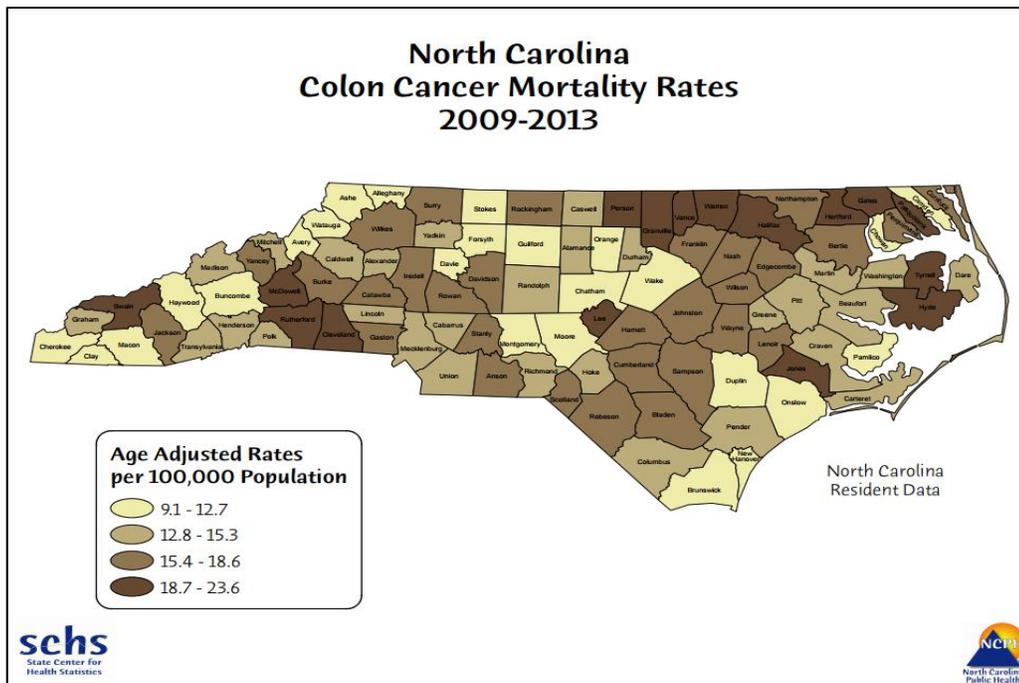
<http://www.schs.state.nc.us/data/hsa/vital.htm>

Prostate Cancer Deaths



North Carolina State Center for Health Statistics. Vital Statistics. (<http://www.schs.state.nc.us/data/hsa/vital.htm>)

Colon Cancer

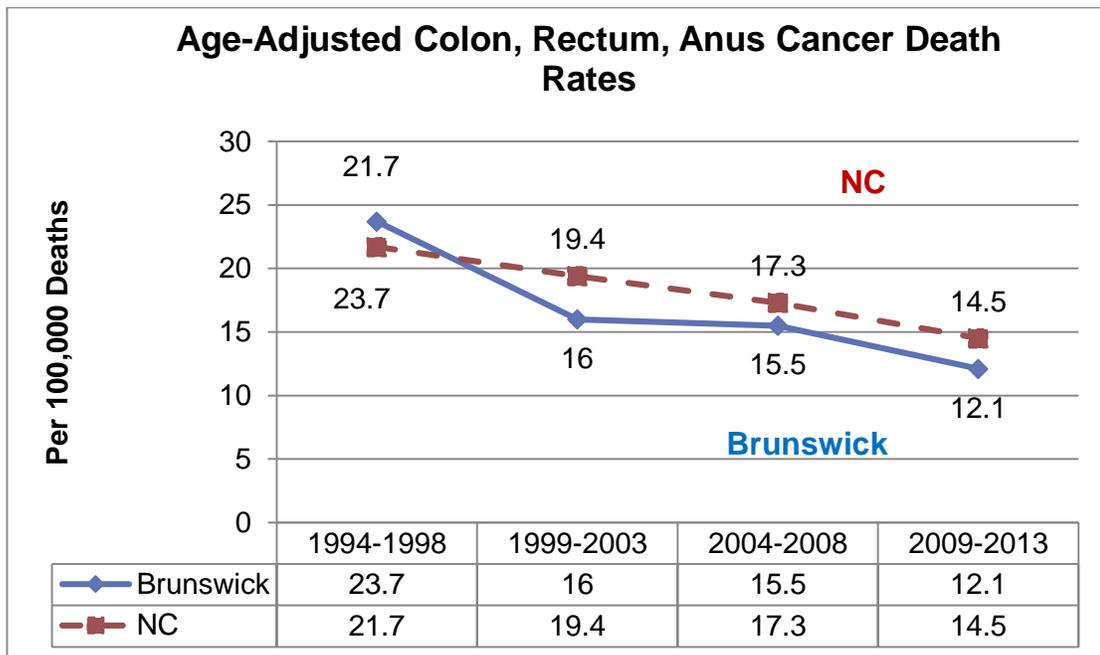


North Carolina State Center for Health Statistics. Vital Statistics. (<http://www.schs.state.nc.us/data/hsa/vital.htm>)

Mortality Rates

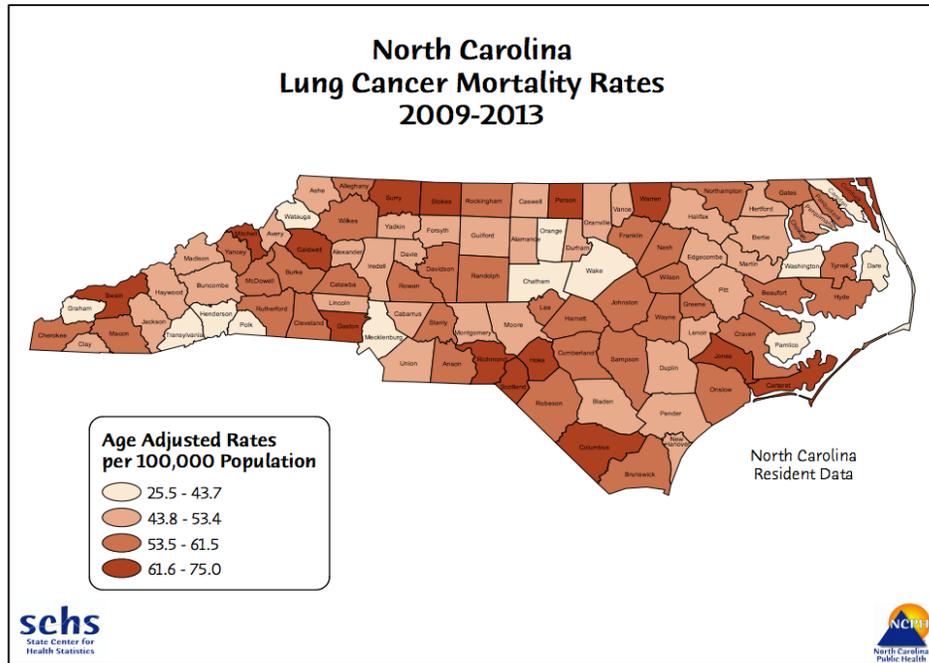
	Death Rate* 2014	Number of Deaths 2009-2013	Number of cases (incidence) 2009-2013	Rate of incidence in the population
North Carolina	14.1	7,529	20,240	38.5
Brunswick	12.4*	105	270	31.9
Burke	14.1*	85	298	52.0
New Hanover	12.3*	150	369	31.7
Carteret	13.8*	69	206	42.1

*Rates with a small number (<50) of deaths in the numerator should be interpreted with caution.
 Source: NC SCHS. Trends in Key Health Indicators.
 North Carolina Statewide and County (<http://www.schs.state.nc.us/data/keyindicators/>)



Source: NC SCHS. Trends in Key Health Indicators. North Carolina Statewide and County (<http://www.schs.state.nc.us/data/keyindicators/>)

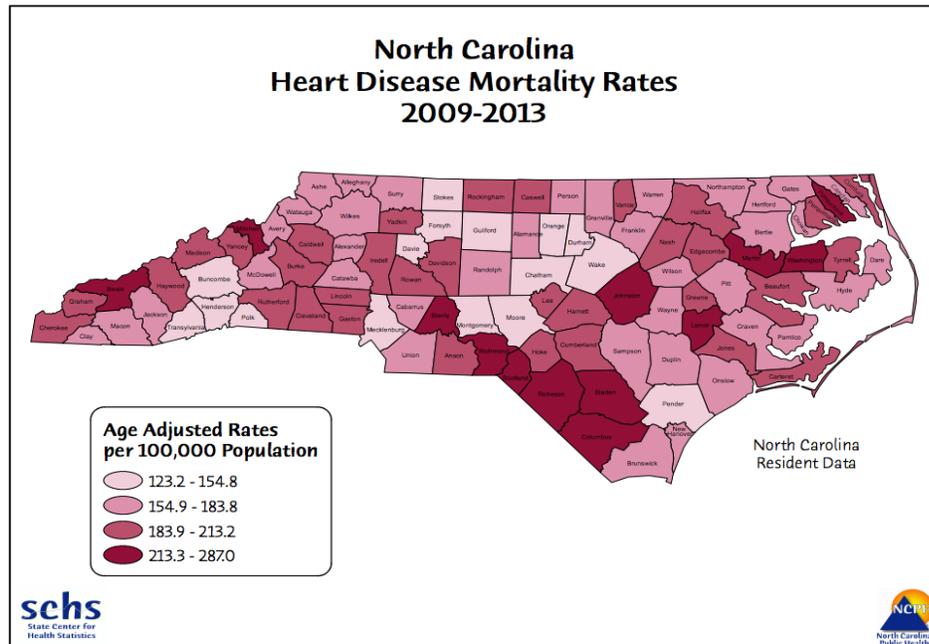
Lung Cancer



North Carolina State Center for Health Statistics. Vital Statistics. (<http://www.schs.state.nc.us/data/hsa/vital.htm>)

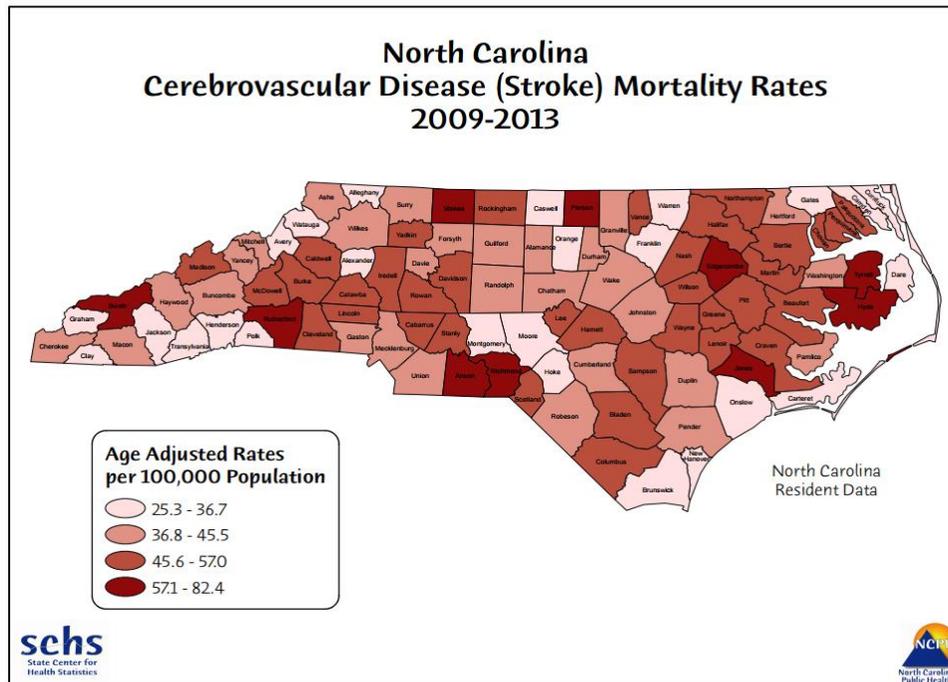
4 Chronic Disease

4.1 HEART DISEASE DEATHS



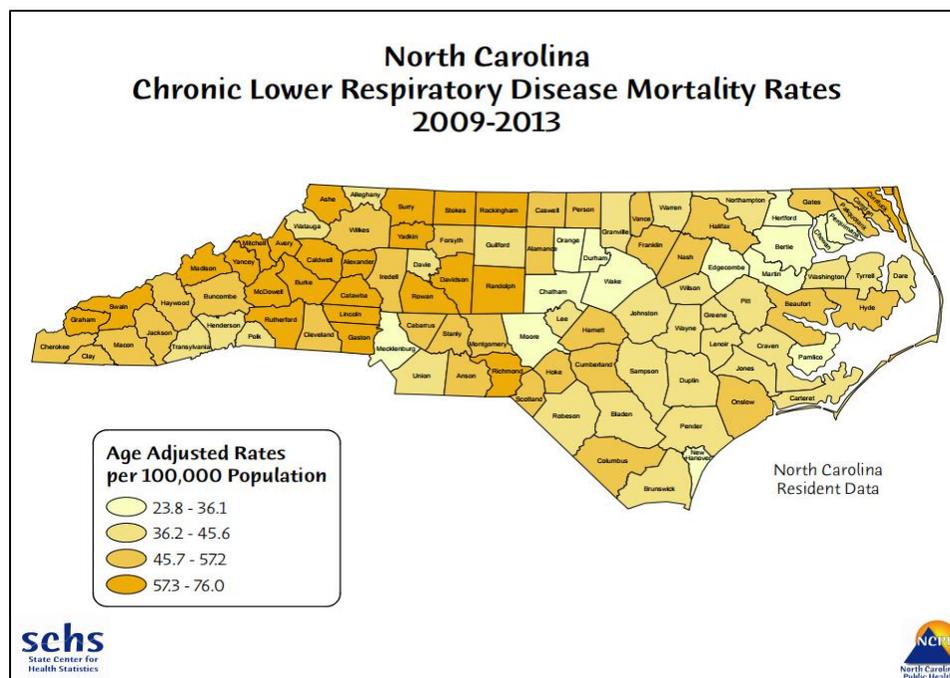
North Carolina State Center for Health Statistics. Vital Statistics. (<http://www.schs.state.nc.us/data/hsa/vital.htm>)

4.2 CEREBROVASCULAR DISEASE (STROKE) DEATH RATES



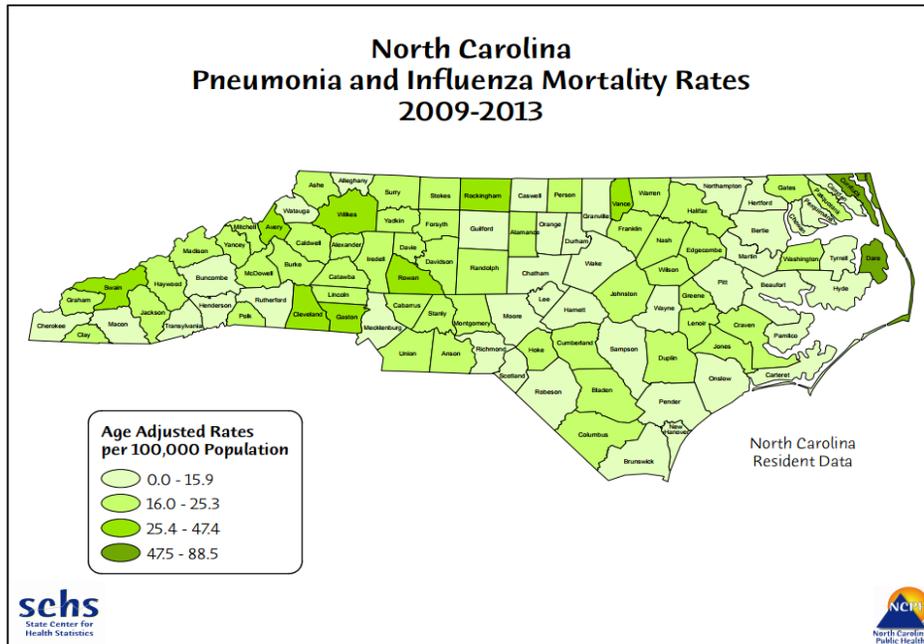
North Carolina State Center for Health Statistics. Vital Statistics. (<http://www.schs.state.nc.us/data/hsa/vital.htm>)

4.3 CHRONIC LOWER RESPIRATORY DISEASE DEATHS



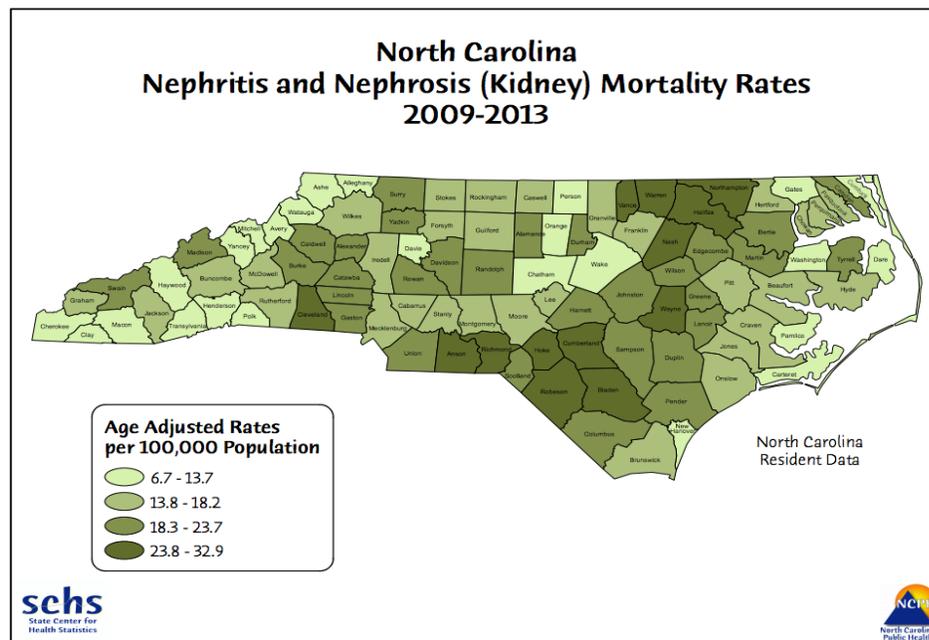
North Carolina State Center for Health Statistics. Vital Statistics. (<http://www.schs.state.nc.us/data/hsa/vital.htm>)

4.4 PNEUMONIA AND INFLUENZA DEATHS



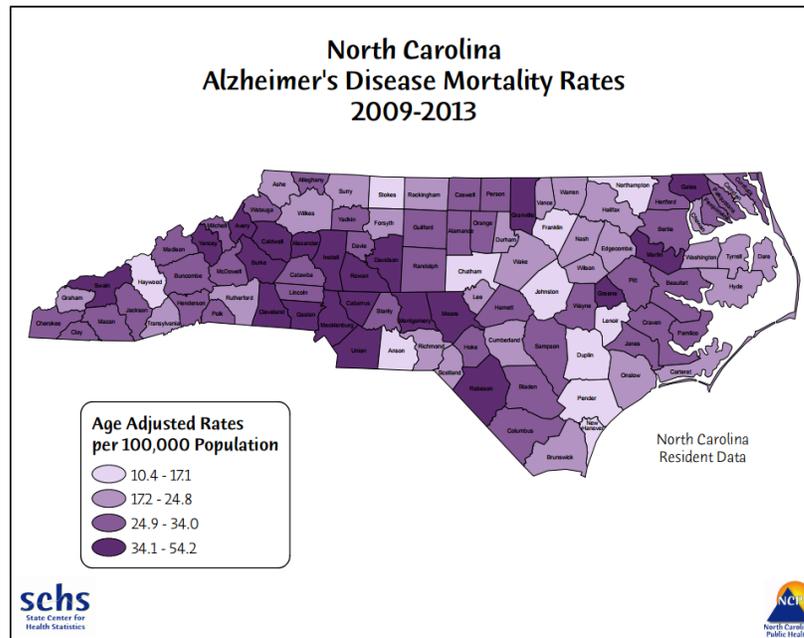
North Carolina State Center for Health Statistics. Vital Statistics. (<http://www.schs.state.nc.us/data/hsa/vital.htm>)

4.5 NEPHRITIS AND NEPHROSIS (KIDNEY) DEATHS



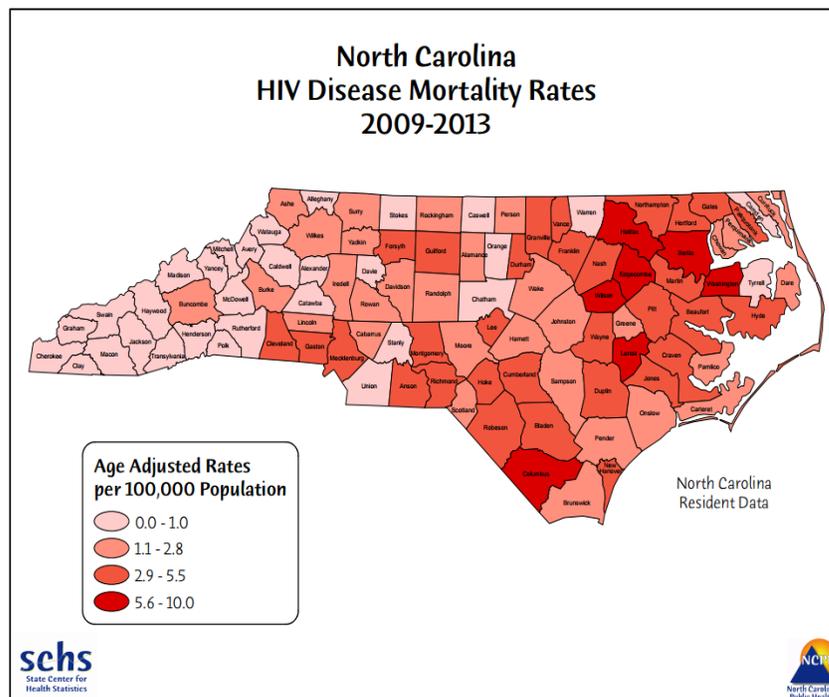
North Carolina State Center for Health Statistics. Vital Statistics. (<http://www.schs.state.nc.us/data/hsa/vital.htm>)

4.6 ALZHEIMER'S DEATHS



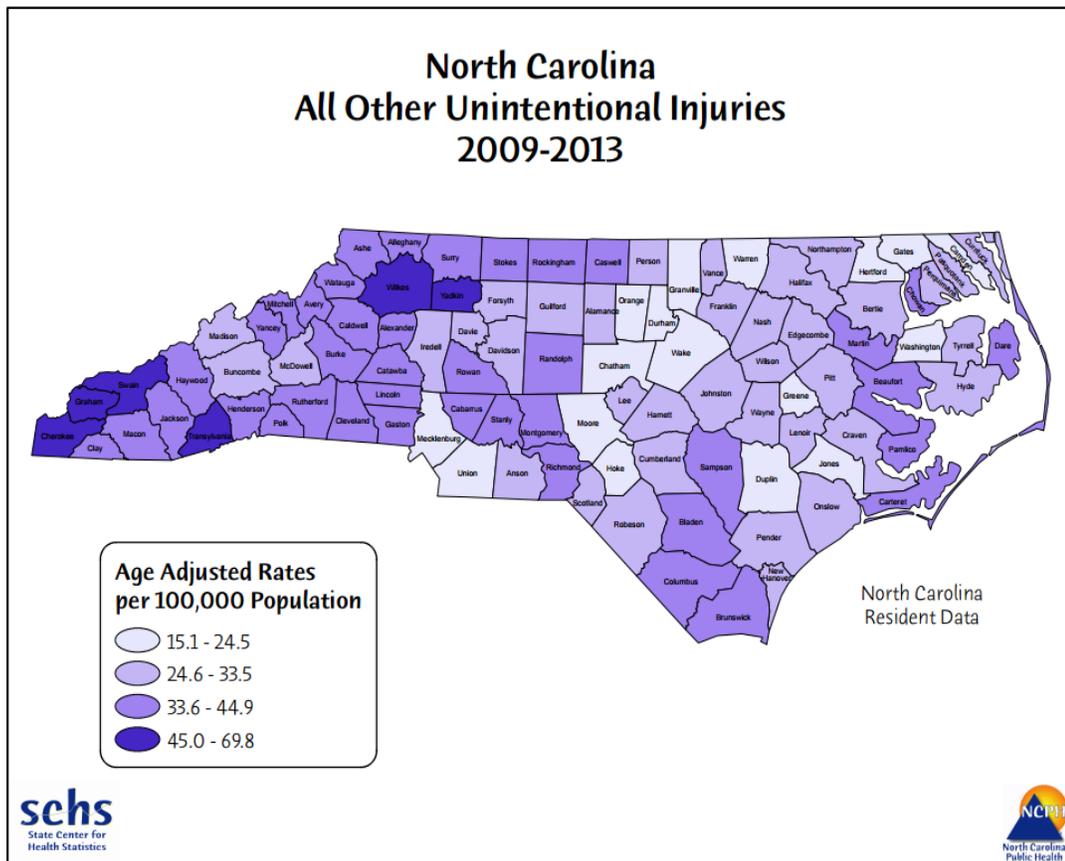
North Carolina State Center for Health Statistics. Vital Statistics. (<http://www.schs.state.nc.us/data/hsa/vital.htm>)

4.7 HIV DEATHS



North Carolina State Center for Health Statistics. Vital Statistics. (<http://www.schs.state.nc.us/data/hsa/vital.htm>)

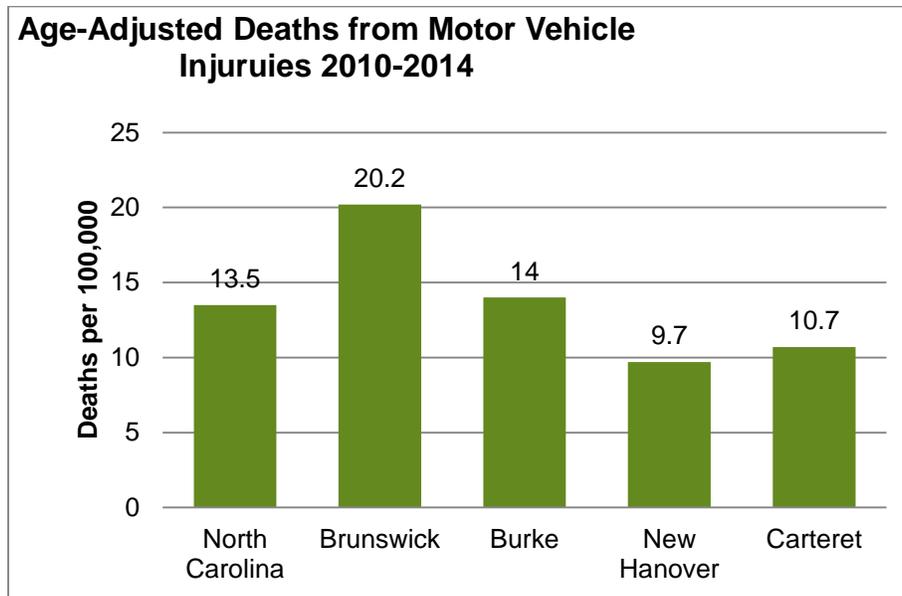
4.8 UNINTENTIONAL INJURY DEATHS



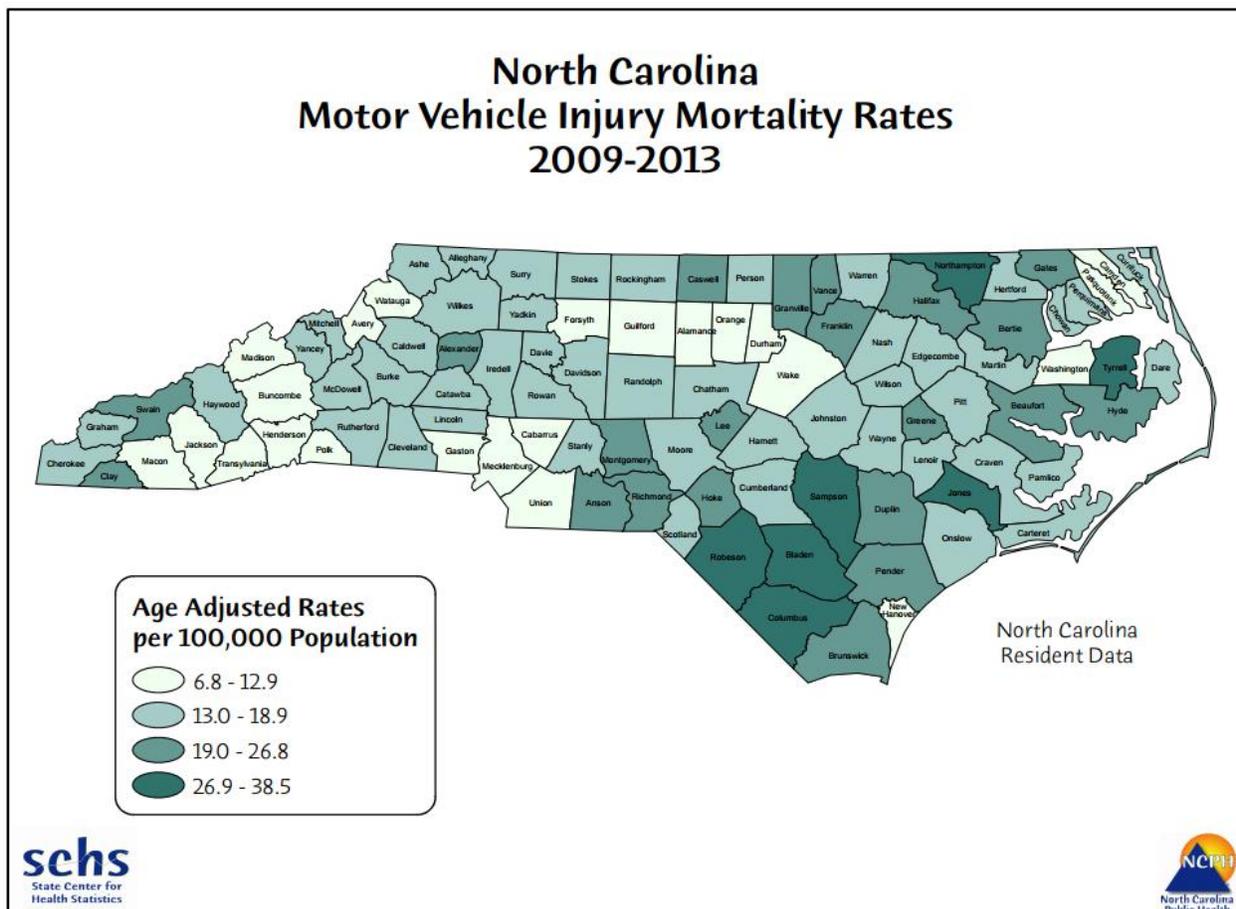
North Carolina State Center for Health Statistics. Vital Statistics. (<http://www.schs.state.nc.us/data/hsa/vital.htm>)

Falls are the number one cause of unintentional injury, death, and emergency department visit for Brunswick County. This is significant since there is a large percentage of persons over the age of 65. In the 2007- 2009 time period, unintentional injury resulted in 56 deaths, 99r hospitalizations, and 3,035 emergency department visits within the county.

4.9 MOTOR VEHICLE MORTALITY



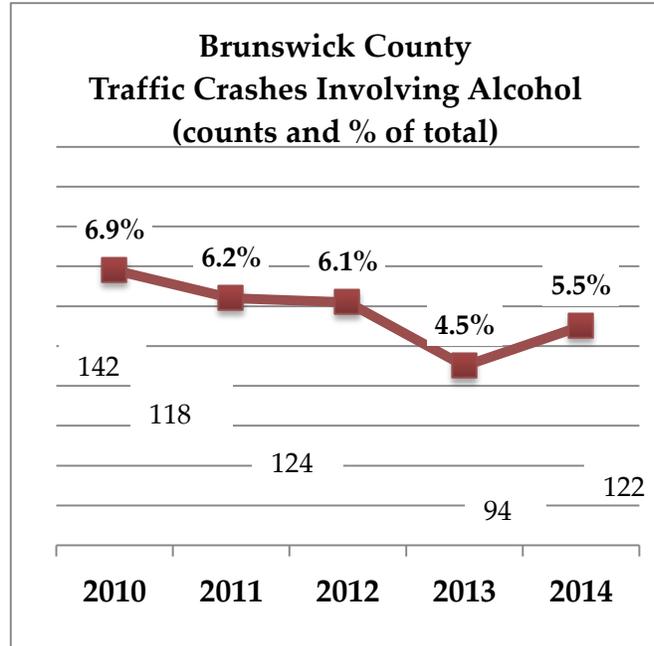
Source: NC SCHS. Trends in Key Health Indicators. North Carolina Statewide and County (<http://www.schs.state.nc.us/data/keyindicators/>)



North Carolina State Center for Health Statistics. Vital Statistics. (<http://www.schs.state.nc.us/data/hsa/vital.htm>)

4.10 ALCOHOL RELATED MOTOR VEHICLE CRASHES

During the 5 years (2010 through 2014), 600 traffic crashes occurred in Brunswick County involving alcohol. This represents 5.8% of the 10,338 traffic crashes during that time period. Since 2010, traffic crashes involving alcohol have decreased in Brunswick County from 6.8% in 2010 to 5.5% in 2014. These rates compare to the statewide rates of 5% (2010-2014). Annual rates for NC ranged from 4.9% to 5.3%.



4.11 SUICIDE

Suicide was the 10th leading cause of death in Brunswick County in 2014. Twenty suicide deaths were reported, representing 1.6% of all Brunswick County deaths in 2014. Brunswick County's age-adjusted suicide rate was 14.7 per 100,000 population, which is almost double the Healthy NC 2020 goal of 8.32. Suicide rates in Brunswick County were similar to peer counties (range, 14.3 to 17.8) and the statewide rate (12.4) for 2010-2014. From 2010-2014, 92 suicide deaths occurred in Brunswick County.

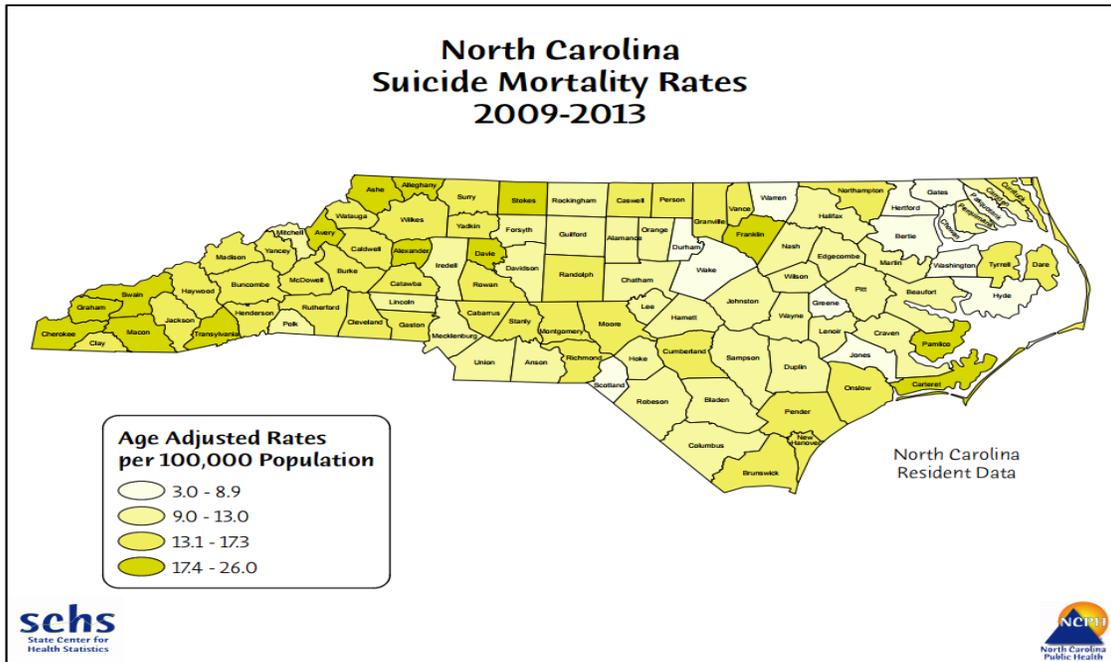
	Number of Deaths 2014	Death Rate* 2014	Number of Deaths 2010-2014	Death Rate 2010-2014	Age-Adjusted Death Rate* 2010-2014
North Carolina	1,347	13.5	6,256	12.8	12.4
Brunswick	20	16.8*	92	16.3	14.7
Burke	14	15.6*	78	17.3	15.9
New Hanover	40	18.5*	155	14.8	14.3
Carteret	14	20.3*	67	19.8	17.8

*Rates with a small number (<50) of deaths in the numerator should be interpreted with caution.

Source: NC SCHS. Trends in Key Health Indicators. North Carolina Statewide and County

<http://www.schs.state.nc.us/data/keyindicators/>

North Carolina Suicide Mortality Rates 2009-2013



North Carolina State Center for Health Statistics. Vital Statistics. (<http://www.schs.state.nc.us/data/hsa/vital.htm>)

Suicide Mortality Rates, 2010-2014 (age adjusted)

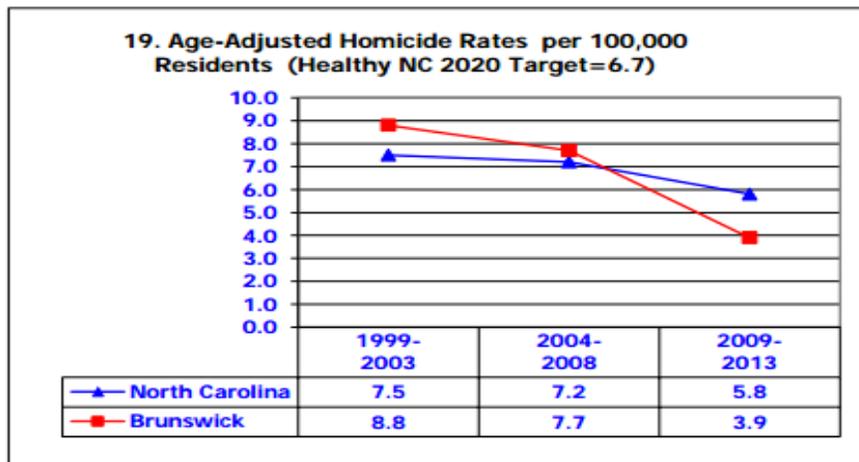
	No. Deaths 2014	No. Deaths 2010-2014	Age-Adjusted Death Rate* 2010-2014
Brunswick	20	92	14.7
Burke	14	78	15.9
New Hanover	40	155	14.3
Carteret	14	67	17.8
NC	1,347	6,256	12.4

*Per 100,000 population Source: NC SCHS Statistics and Reports

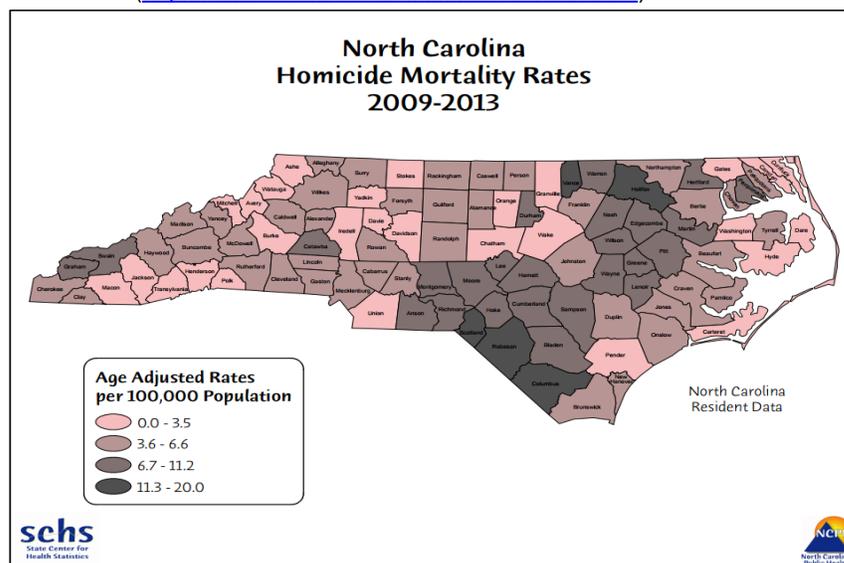
4.12 HOMICIDE

	# of deaths in 2014	2014 Death Rate	# of deaths from 2010-2014	2010-2014 Death Rate	2010-2014 Age Adjusted Death Rate
Brunswick	5	4.2	20	3.5	4.4
Burke	6	6.7	18	4.0	3.7
Carteret	3	4.4	10	3.0	2.9
New Hanover	19	8.8	55	5.3	5.0

Source: North Carolina State Center for Health Statistics. Vital Statistics.
<https://www.schs.state.nc.us/data/hsa/vital.htm>



Source: North Carolina State Center for Health Statistics. Vital Statistics.
<https://www.schs.state.nc.us/data/hsa/vital.htm>



Source: North Carolina State Center for Health Statistics. Vital Statistics.
<https://www.schs.state.nc.us/data/hsa/vital.htm>

4.13 Mental Health

Studies have shown that mental illness, particularly depressive disorders, is strongly linked to the occurrence, successful treatment, and course of many chronic diseases including diabetes, cancer, cardiovascular disease, asthma, and obesity (Chapman et al, 2005, CDC 2015). Many risk behaviors for chronic disease; such as, physical inactivity, smoking, excessive drinking, and insufficient sleep are also influenced by mental illness (Chapman et al, 2005).

Healthy NC 2020 Goals Mental Health

1. Reduce the suicide rate (per 100,000 population) to **8.32**.
2. Decrease the average number of poor mental health days among adults in the past 30 days to **2.8**.
3. Reduce the rate of mental health-related visits to emergency departments (per 10,000 population) to **82.8**.

Poor Mental Health Days

The average number of “poor mental health days” for Brunswick County over the period from 2012 through 2014 was 3.5 days, and this was similar in peer counties (range: 3.1 – 4.8 days) and NC overall (3.4 days). The Healthy NC 2020 goal is 2.8 days. “Poor mental health days” is a health-related quality of life measurement obtained through the Behavioral Risk Factor Surveillance System survey, a national survey. The metric is based on the survey question: *“Thinking about your mental health, which includes stress, depression, and problems with emotions, for how many days during the past 30 days was your mental health not good?”*

Mental Health Providers Access

The measurement, “Mental Health Providers”, is a ratio of the county population to the number of mental health providers including psychiatrists, psychologists, licensed clinical social workers, counselors, marriage and family therapists and advanced practice nurses specializing in mental health care. In 2014, there were an estimated 1,267 residents for every mental health provider in Brunswick County. This (1267:1) is considerably worse than the ratios for peer counties (275:1-835:1) and the statewide ratio of 472:1. The peer county rates were: Burke 454:1, New Hanover 275:1; Carteret 835:1.

5 Maternal and Child Health

2013 Final Infant Death Rates (per 1,000 live births)

Infant Mortality Rate

Residence:	White Non-Hispanic	African American Non-Hispanic	American Indian Rate	Other Non-Hispanic	Hispanic	Total Rate
NORTH CAROLINA	5.1	12.8	9.4	4	6.2	7.1
BRUNSWICK	3.5 *	7.6 *	0 *	0 *	0 *	3.6
BURKE	3.2	0	0	0	0	2.4
NEW HANOVER	0.6 *	4.9 *	0 *	0 *	25.4	1.3
CARTERET	4.1 *	27.0	0	0	0	5.2

*TECHNICAL NOTE: RATES BASED ON SMALL NUMBERS (FEWER THAN 10) ARE UNSTABLE
Source: NC Department of Health & Human Services State Center for Health Statistics, 24SEP2014

Infant Deaths (counts)

Residence:	White Non-Hispanic	African American Non-Hispanic	American Indian Non-Hispanic	Other Non-Hispanic	Hispanic	Total Infant Deaths
NORTH CAROLINA	345	369	15	21	110	860
BRUNSWICK	3	1	0	0	0	4
BURKE	7	0	0	0	3	10
NEW HANOVER	1	2	0	0	0	3
CARTERET	2	1	0	0	1	4

Source: NC Department of Health & Human Services State Center for Health Statistics, 24SEP2014

Births (counts)

Residence:	White Non- Hispanic	African American Non-Hispanic	American Indian Non-Hispanic	Other Non-Hispanic	Hispanic	Total Births
NORTH CAROLINA	66181	28865	1630	4802	17505	118983
BRUNSWICK	750	144	9	10	92	1005
BURKE	631	38	8	20	122	819
NEW HANOVER	1497	443	8	49	244	2241
CARTERET	547	32	4	16	62	659

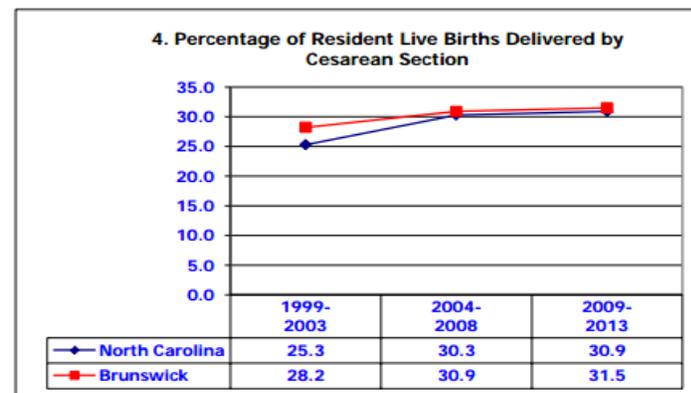
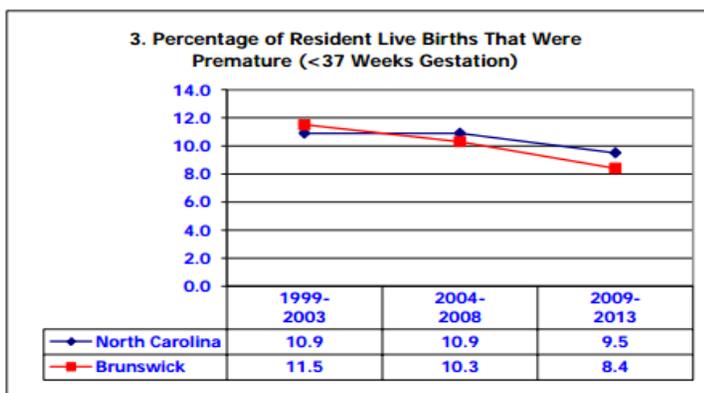
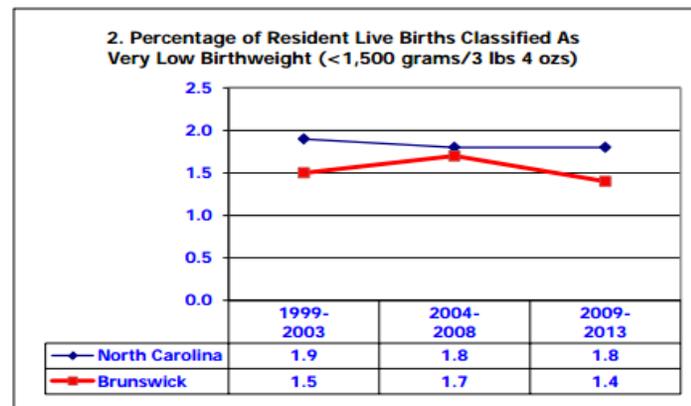
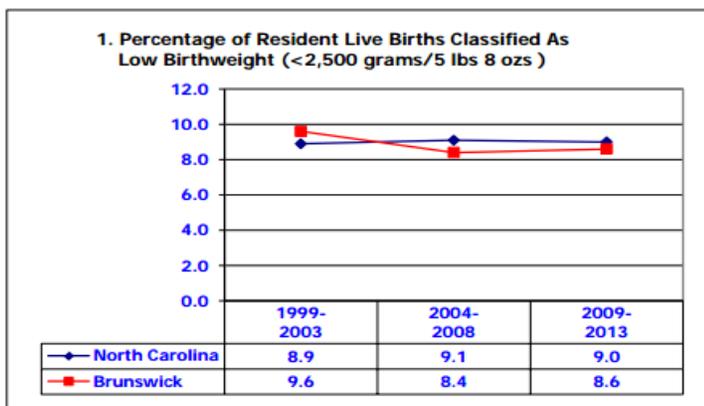
Source: NC Department of Health & Human Services State Center for Health Statistics, 24SEP2014

5.1 LOW BIRTH WEIGHT

In 2014 the percentage of Brunswick County's live births that were below 2,500 grams (5lbs 8oz) at birth was 8.2%, lower than the statewide estimate of 9.0% and higher than the peer counties (which ranged from 7.3 to 8.1%). Among all Brunswick County infants born in 2014, 90 (8.2%) had low birth weight. It is however important to note that due to the small numbers, the rate for this will vary significantly.

- 70 (6.4%) had low birth weight (1501-2500 grams), and
- 20 (1.8%) had very low birth weight (less than/equal 1,500 grams)

**NORTH CAROLINA STATEWIDE AND COUNTY TRENDS IN KEY HEALTH INDICATORS:
BRUNSWICK COUNTY**



2013 County Population
115,301

% Ages 0-17:
17.6%

% Ages 65+:
25.7%

% NH White:
82.2%

% NH Af.Am.:
11.5%

% NH Other:
1.4%

% Hispanic:
4.8%

North Carolina Department of Health and Human Services
Division of Public Health/State Center for Health Statistics

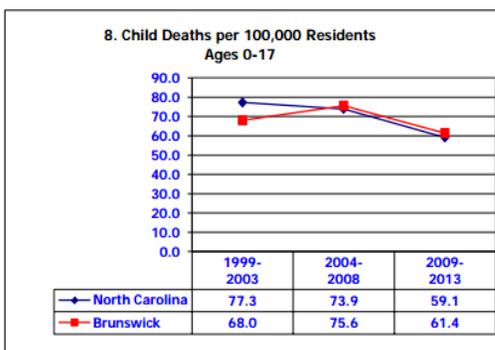
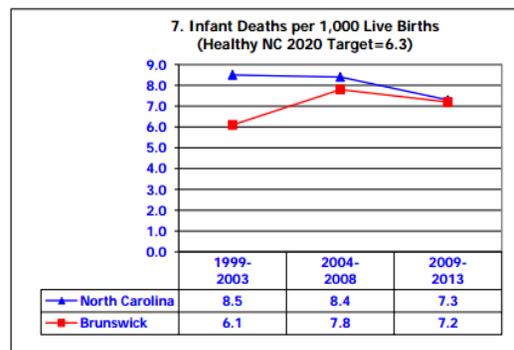
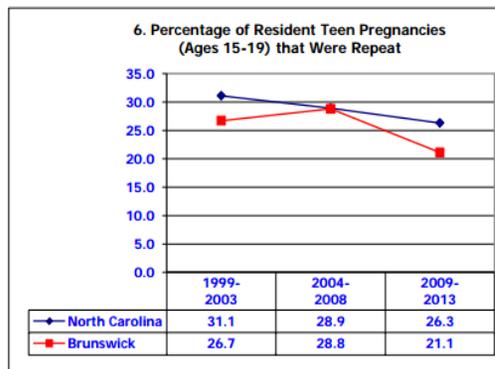
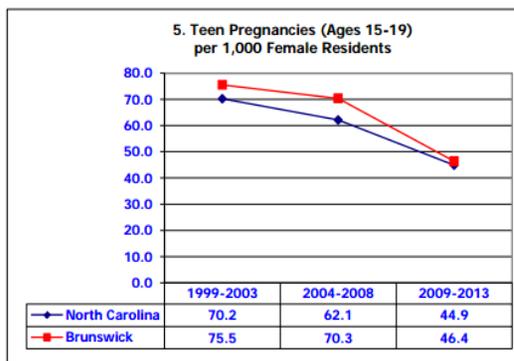
North Carolina County Trends Reports
Published March 2015

North Carolina Center for Health Statistics (<http://www.schs.state.nc.us/data/keyindicators/reports/Brunswick.pdf>)

5.2 TEEN BIRTHS

The overall percentage of teen births (women age 15-19) in Brunswick in 2014 was 6.3%. Teen births were highest among African Americans (12.2%) and Hispanic (10.1%) women.

NORTH CAROLINA STATEWIDE AND COUNTY TRENDS IN KEY HEALTH INDICATORS: BRUNSWICK COUNTY



Of the 69 teen births in Brunswick County:
 3 were age 15
 7 were age 16
 5 were age 17
 21 were age 18
 33 were age 19

5.3 SMOKING DURING PREGNANCY

Number and percent of NC Residents where Mother Smoked During Pregnancy, 2011-2014

	Number	Percent
North Carolina	50,024	10.4
Brunswick	631	15.1
Burke	676	19.6
New Hanover	714	7.9
Carteret	458	18.5

NC DHHS State Center for Health Statistics. North Carolina Statewide and County Trends in Key Health Indicators:

Brunswick County. (<http://www.schs.state.nc.us/data/databook/CD7C%20Smoking.html>)

6 Morbidity

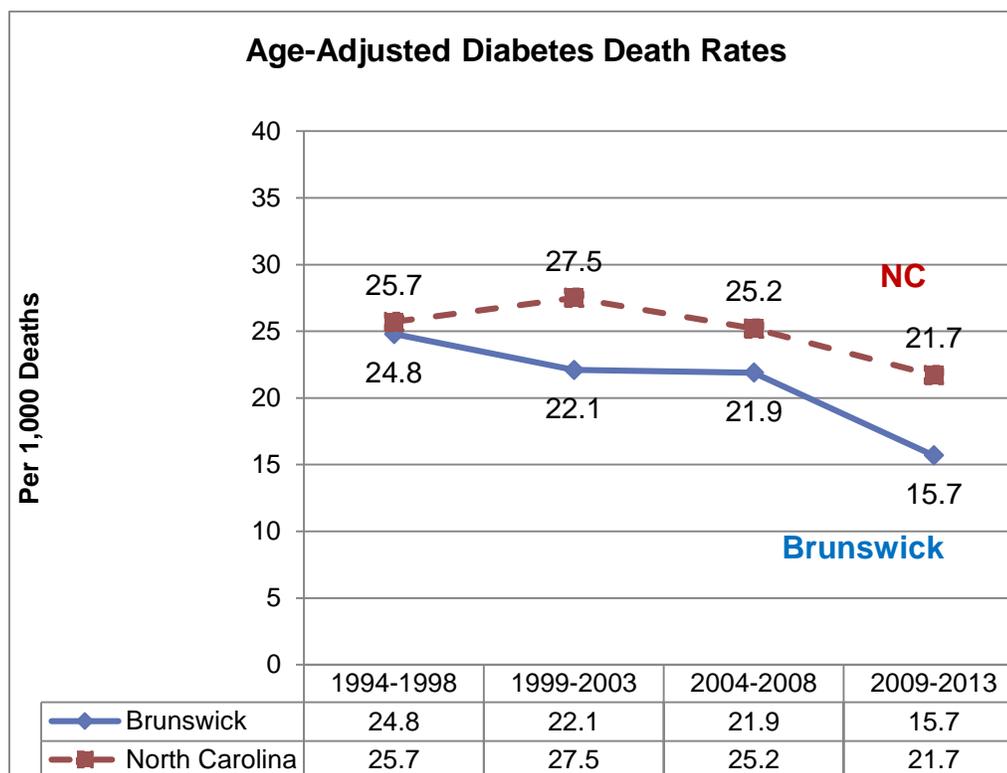
Diabetes

Diabetes Deaths

Geographical Area	Number of Deaths 2013	Death Rate* 2013	*	Number of Deaths 2009-2013	Death Rate* 2009-2013	*	Age-Adjusted Death Rate* 2009-2013
North Carolina	2,400	24.4		11,220	23.3		21.7
Brunswick	25	21.7	*	123	22.3		15.7
Burke	42	27.9		134	29.6		22.9
New Hanover	38	17.8	*	190	18.4		16.1
Carteret	18	26.5	*	77	22.9		15.6

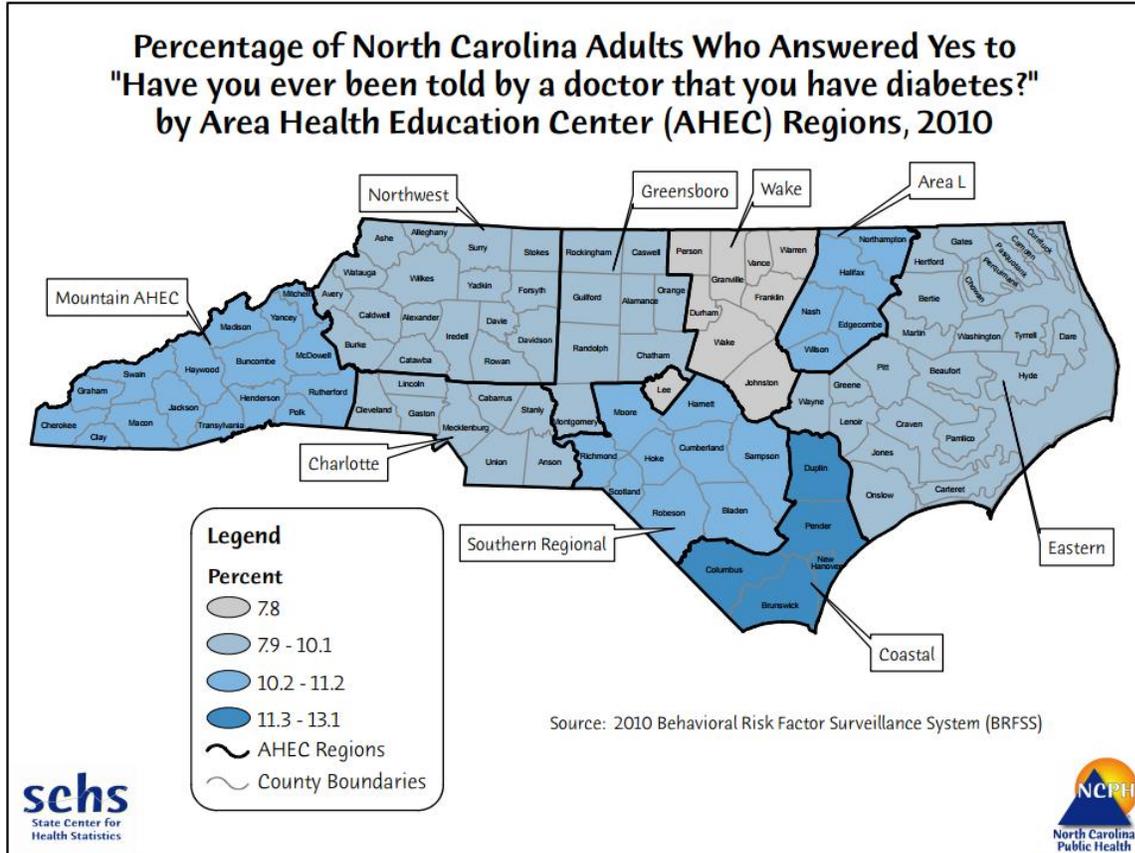
*Rates with a small number (<50) of deaths in the numerator should be interpreted with caution.

Source: NC SCHS. Trends in Key Health Indicators. North Carolina Statewide and County (<http://www.schs.state.nc.us/data/keyindicators/>)



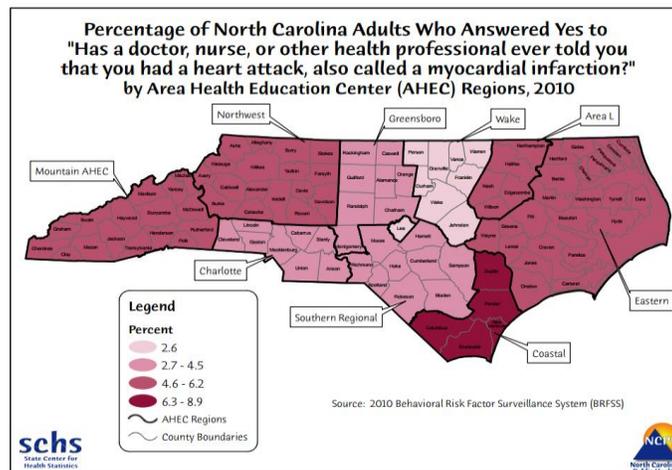
Source: NC SCHS. Trends in Key Health Indicators. North Carolina Statewide and County (<http://www.schs.state.nc.us/data/keyindicators/>)

Diabetes Prevalence and Monitoring



Source: 2010 Behavioral Risk Factor Surveillance System (BRFSS) and University of Wisconsin Population Health Institute. 2015 Health Rankings (<http://www.healthrankings.org/>)

6.1 HEART DISEASE



Source: 2010 Behavioral Risk Factor Surveillance System (BRFSS) and University of Wisconsin Population Health Institute.

6.2 HIV

Newly Diagnosed AIDS Average Rates by County of Residence at Diagnosis, 2012-2014

County	2012 Cases	2012 Rate	2013 Cases	2013 Rate	2014 Cases	2014 Rate ^b	2012-2014 Average Rate
Brunswick	3	2.7	4	3.5	5	4.3	3.5
Burke	1	1.1	2	2.2	4	4.5	2.6
New Hanover	10	4.8	10	4.7	7	3.3	4.3
Carteret	2	3.0	3	4.4	5	7.3	4.9
North Carolina	782	8.0	862	8.8	706	7.2	8.0

*Rate is expressed per 100,000 population.

Source: North Carolina Electronic Disease Surveillance System (NC EDSS) (data as of July 6, 2015).

HIV Testing at North Carolina Division of Public Health Supported Counseling and Testing Sites by County, 2014

County	Number Tested	Number Positive	% Positive	Number Newly Positive	% New Positive
Brunswick	1,084	2	0.2	2	0.2
Burke	911	1	0.1	0	0.0
New Hanover	3,272	21	0.6	9	0.3
Carteret	861	3	0.3	2	0.2

Source: North Carolina Electronic Disease Surveillance System (NC EDSS) (data as of July 6, 2015).

People Living and Diagnosed in North Carolina with HIV Infection^a as of 12/31/2014 by Regional Networks of Care and Prevention (RNCP) and County of Diagnosis, Region 7

Region 7 County	HIV Infection Classification ^a		Region 7 Total
	HIV (Non-AIDS) Region 7	AIDS (Stage 3)	
Brunswick	82	80	162
Columbus	79	77	156
Duplin	85	84	169
New Hanover	338	258	596
Onslow	156	109	265
Pender	29	34	63
Total	769	642	1,411

Source: North Carolina Electronic Disease Surveillance System (NC EDSS) (data as of July 6, 2015).

6.3 STDs (GONORRHEA, SYPHILIS, CHLAMYDIA)

Newly Diagnosed Early Syphilis (Primary, Secondary, Early Latent) by Year of Diagnosis, 2012-2014

COUNTY	2012 Cases	2012 Rate	2013 Cases	2013 Rate	2014 Cases	2014 Rate	2012-2014 Average Rate
Brunswick	4	3.6	1	0.9	1	0.8	1.8
Burke	1	1.1	6	6.7	2	2.2	3.3
New Hanover	4	1.9	6	2.8	17	7.9	4.2
Carteret	2	3.0	1	1.5	2	2.9	2.4

*Rate is expressed per 100,000 population.

Source: North Carolina Electronic Disease Surveillance System (NC EDSS) (data as of July 6, 2015).
Table 6.9.

Newly Diagnosed Chlamydia and Gonorrhea Rates by County of Diagnosis and Year of Diagnosis, 2010-2014

	2010 Cases	2010 Rate	2011 Cases	2011 Rate	2012 Cases	2012 Rate	2013 Cases	2013 Rate	2014 Cases	2014 Rate
Newly Diagnosed Gonorrhea Rates by County of Diagnosis and Year of Diagnosis										
Brunswick	62	57.4	37	33.6	76	67.8	63	54.7	82	69.0
Burke	88	97.0	75	82.6	65	72.0	37	41.3	22	24.6
New Hanover	245	120.5	205	99.5	272	130.1	271	127.1	357	165.1
Carteret	50	74.9	44	65.3	48	70.8	29	42.3	23	33.4
Newly Diagnosed Chlamydia Rates by County of Diagnosis and Year of Diagnosis, 2010-2014										
Brunswick	278	257.2	284	257.7	282	251.5	245	212.6	250	210.4
Burke	269	296.4	194	213.7	214	237.2	230	256.6	202	225.7
New Hanover	898	441.8	956	464.1	1,055	504.5	964	452.2	1,001	462.8
Carteret	204	305.8	199	295.3	207	305.4	172	251.0	186	270.3

*Rate is expressed per 100,000 population.

Source: North Carolina Electronic Disease Surveillance System (NC EDSS) (data as of July 6, 2015).

<http://epi.publichealth.nc.gov/cd/stds/figures/std14rpt.pdf>

6.4 OBESITY AND PHYSICAL INACTIVITY

During 2012, an estimated 29% of Brunswick County adults were obese (BMI 30 or more). This percentage (29%) is similar to peer counties (range: 26-31%) and the statewide percentage (statewide range: 21%-40%). This finding is consistent with low levels of leisure time physical activity (20.5%) in Brunswick County as well as the peer counties (21% to 30%). Brunswick County's obesity rates have been slowly increasing since 2004, when they were 22.7%.

	Brunswick	Burke	New Hanover	Carteret
Obesity	28.6 (25,720)	31.5 (21,571)	26.0 (41,883)	29.5 (23,160)
Physical Inactivity	20.5 (18,480)	30.3 (20,760)	21.0 (33,810)	28.7 (22,470)

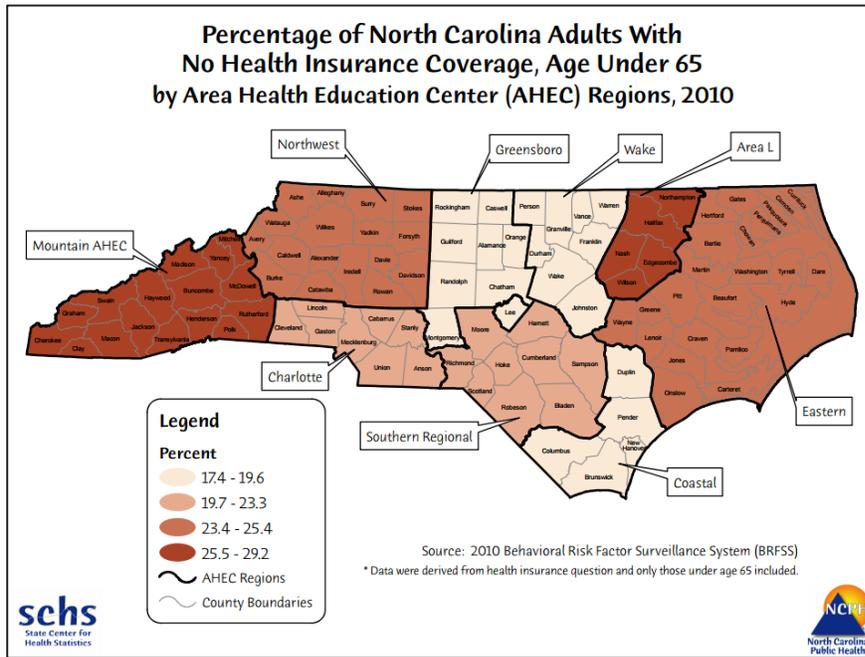
CDC.gov/atlas/countydata/atlas.html

7 Health Care (Access & Quality)

7.1 HEALTH INSURANCE COVERAGE

	Brunswick	Burke	New Hanover	Carteret	NC
With a disability, under age 65 years, percent, 2009-2013	11.9	14.7	8.6	12.9	9.5
Persons without health insurance, under age 65 years, percent	19.4	19.6	18.6	18.8	15.2
Total health care and social assistance receipts/revenue, 2007 (\$1,000) (c)	213,589	380,608	1,822,472	234,794	46,688,776

Census



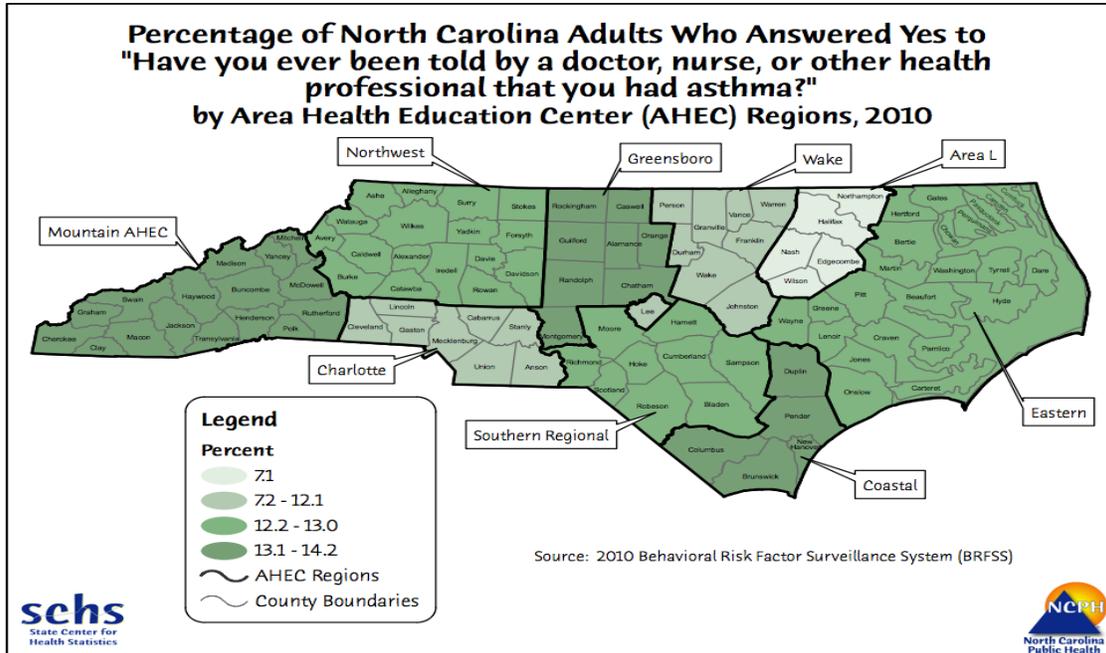
Source: NC Center for Health Statistics Health Atlas Behavioral Risk Factor Surveillance System (BRFSS) (<http://www.schs.state.nc.us/data/hsa/brfss.htm>)

Persons under 65 years of age without health insurance

Year	2013	2012	2011	2010
Percentage	19.4	17.6	16.5	15.2

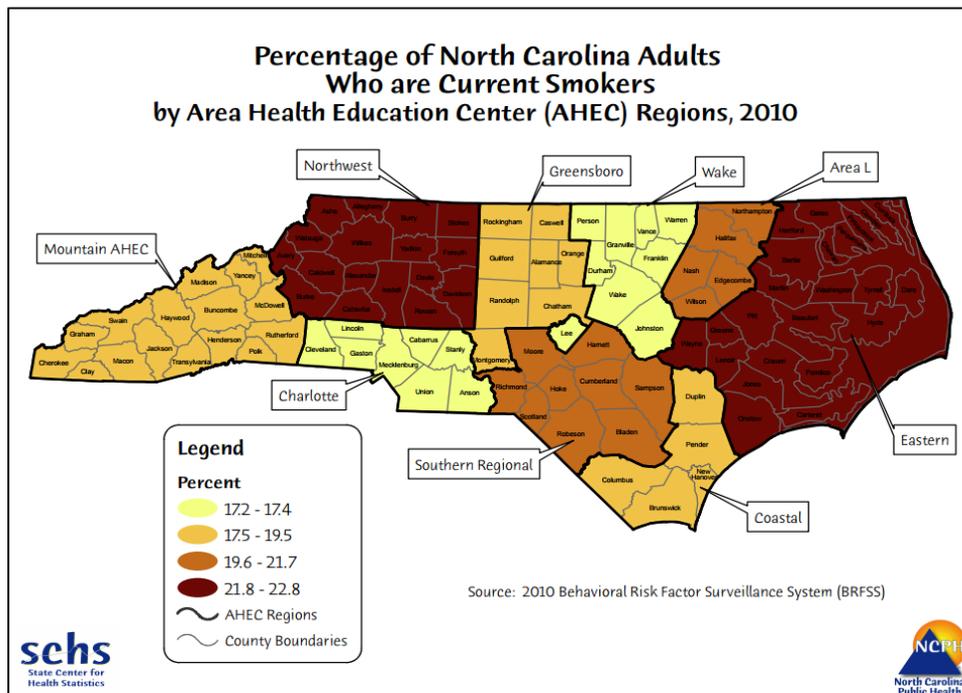
Census

7.2 ASTHMA AND ASTHMA-RELATED HOSPITALIZATION



Source: NC Center for Health Statistics Health Atlas Behavioral Risk Factor Surveillance System (BRFSS) (<http://www.schs.state.nc.us/data/hsa/brfss.htm>)

8 Health Behaviors



Source: NC Center for Health Statistics Health Atlas Behavioral Risk Factor Surveillance System (BRFSS) (<http://www.schs.state.nc.us/data/hsa/brfss.htm>)

8.1 SEATBELT USE

	Total Respond. ^	Always			Nearly Always/Sometimes			Seldom/Never		
		N	%	C.I. (95%)	N	%	C.I. 95%)	N	%	C.I. (95%)
North Carolina	8,301	7,797	93.3	92.5-94.1	394	5.4	4.7-6.1	110	1.3	1.0-1.7
South-east	513	483	92.4	88.5-95.1	22	5.2	3.1-8.5	***	***	***

Source: NC Center for Health Statistics Health Atlas Behavioral Risk Factor Surveillance System (BRFSS)
[<http://www.schs.state.nc.us/data/hsa/brfss.htm>]

9 Demographics & Social Environment

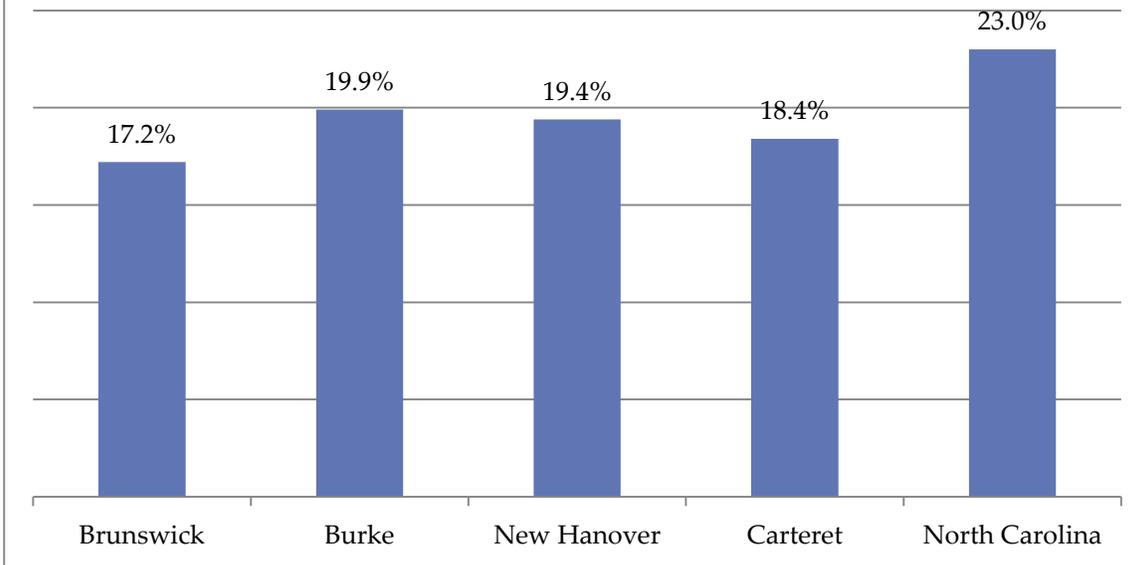
9.1 POPULATION

People	Brunswick	Burke	New Hanover	Carteret	North Carolina	UNITED STATES
Population						
Population estimates, July 1, 2014, (V2014)	118836	89486	216298	68811	9943964	318857056
Population estimates base, April 1, 2010, (V2014)	107431	90914	202683	66461	9535691	308758105
Population, percent change - April 1, 2010 (estimates base) to July 1, 2014, (V2014)	10.6	3.5	6.7	-1.6	4.3	3.3
Population, Census, April 1, 2010	107431	90912	202667	66469	9535483	308745538

Persons under 5 years, percent, July 1, 2014, (V2014)	4.5	4.8	5.3	4.5	6.1	6.2
Persons under 5 years, percent, April 1, 2010	5.4	5.6	5.8	4.9	6.6	6.5
Persons under 18 years, percent, July 1, 2014, (V2014)	17.2	19.9	19.4	18.4	23	23.1
Persons under 18 years, percent, April 1, 2010	18.8	22.2	19.9	18.9	23.9	24
Persons 65 years and over, percent, July 1, 2014, (V2014)	27	18.4	15.8	21.8	14.7	14.5
Persons 65 years and over, percent, April 1, 2010	21.4	16.1	13.9	19.0	12.9	13

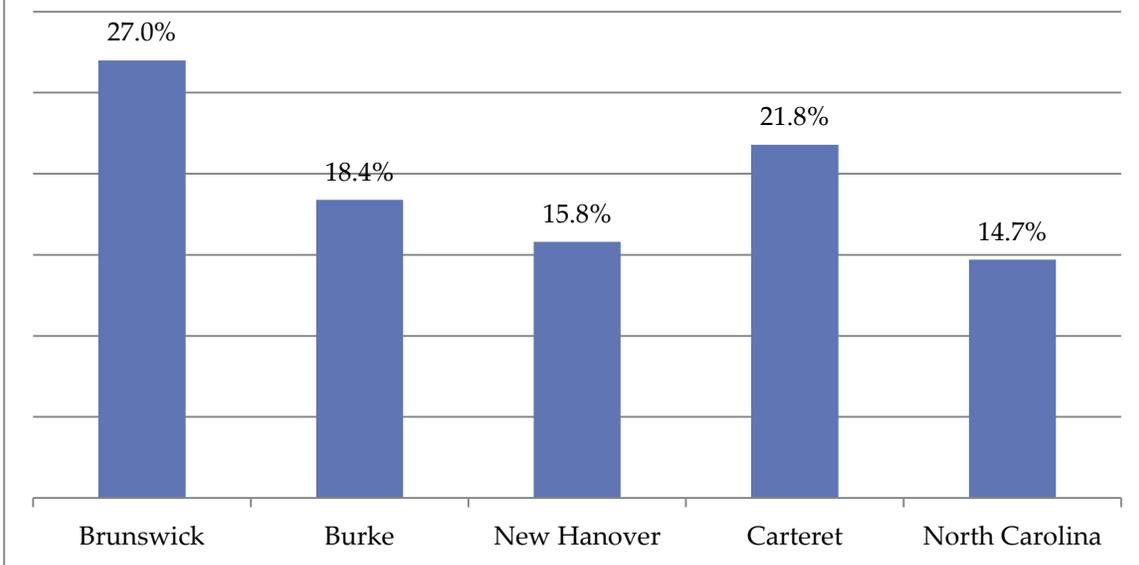
Source: Census Quick facts. County and State facts.

Percentage of Persons under 18 Years



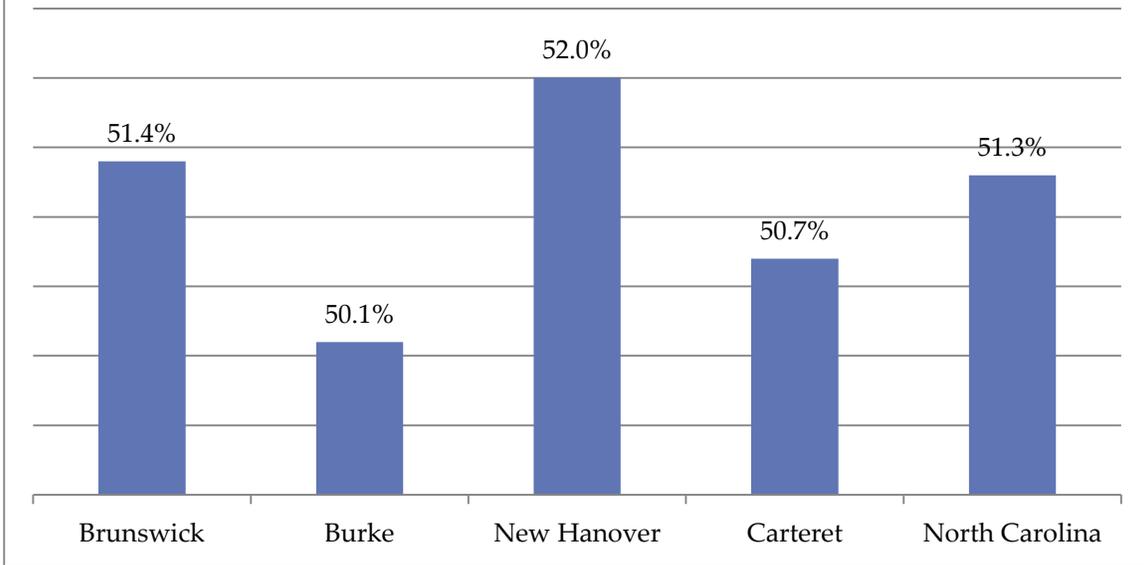
Source: Census Quick facts. County and State facts

Percentage of Persons 65 years and over



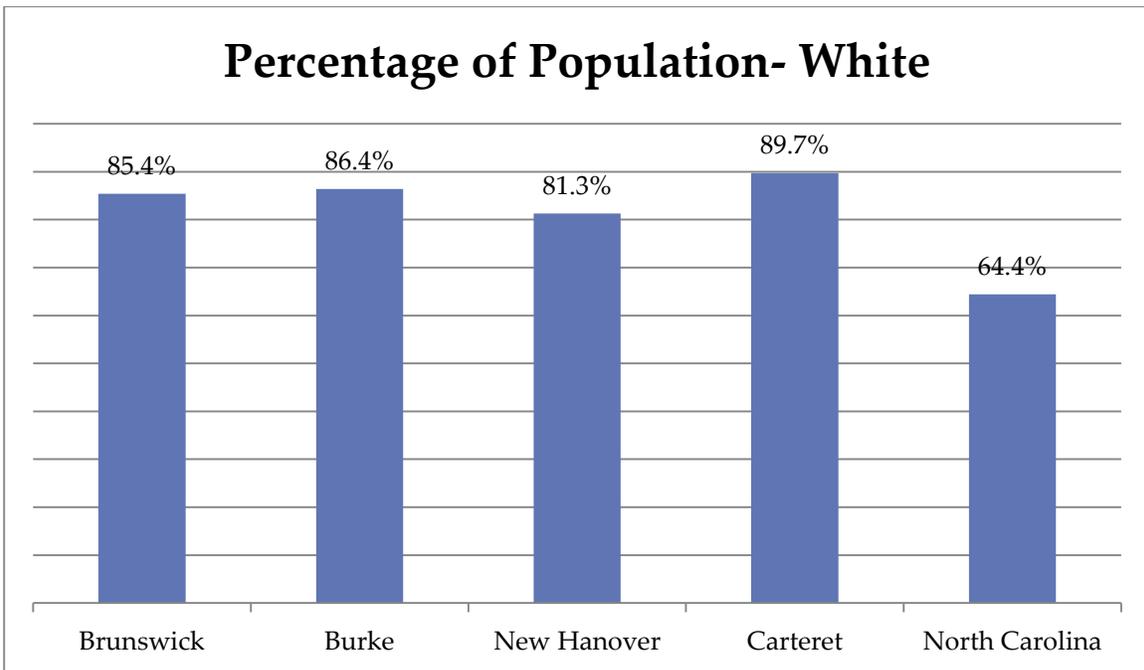
Source: Census Quick facts. County and State facts.

Percentage of Female Persons



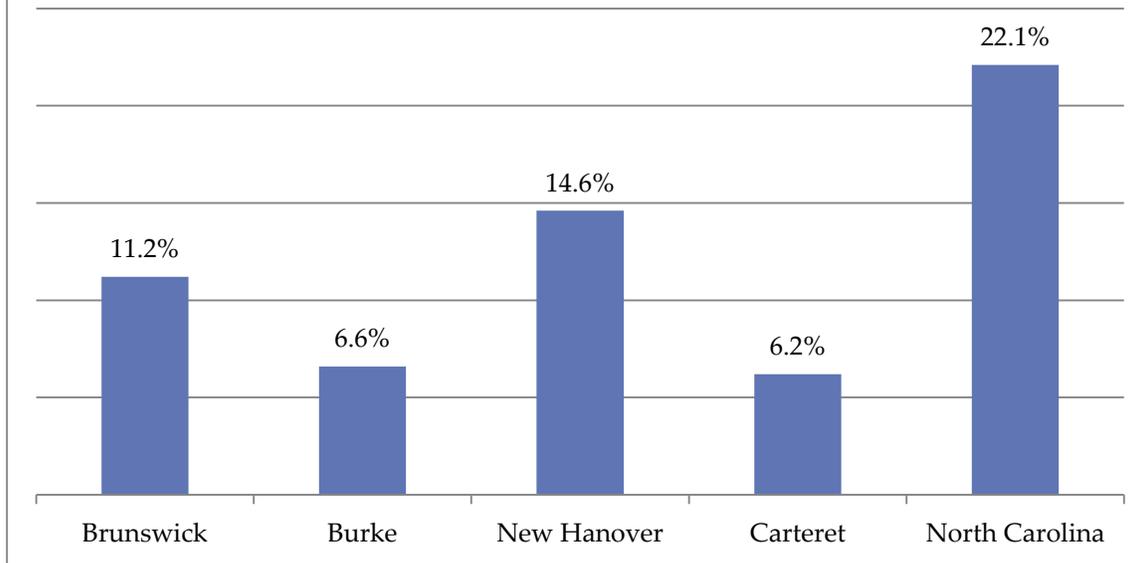
Source: Census Quick facts. County and State facts.

Percentage of Population- White



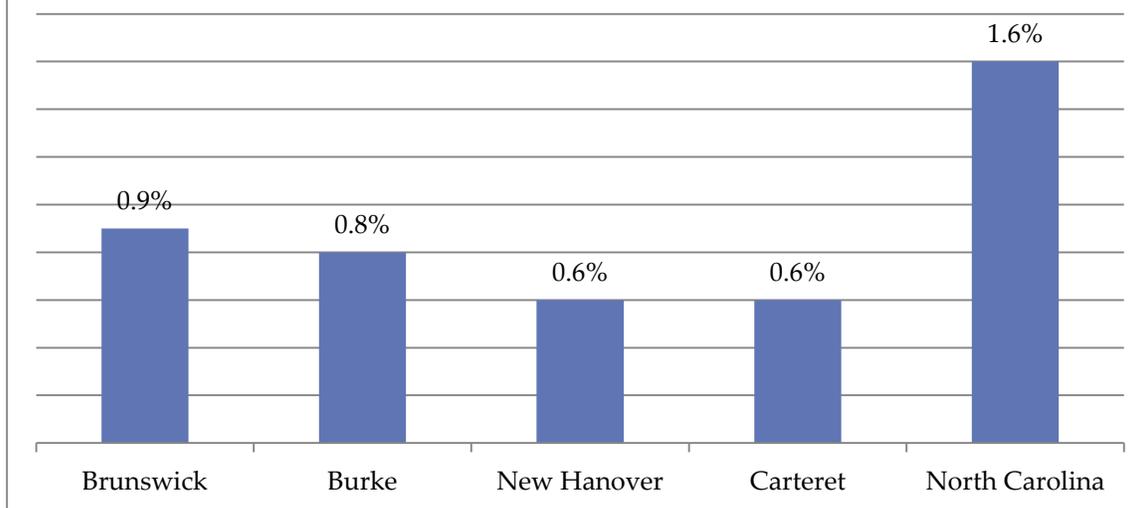
Source: Census Quick facts. County and State facts.

Percentage of Population- African-American



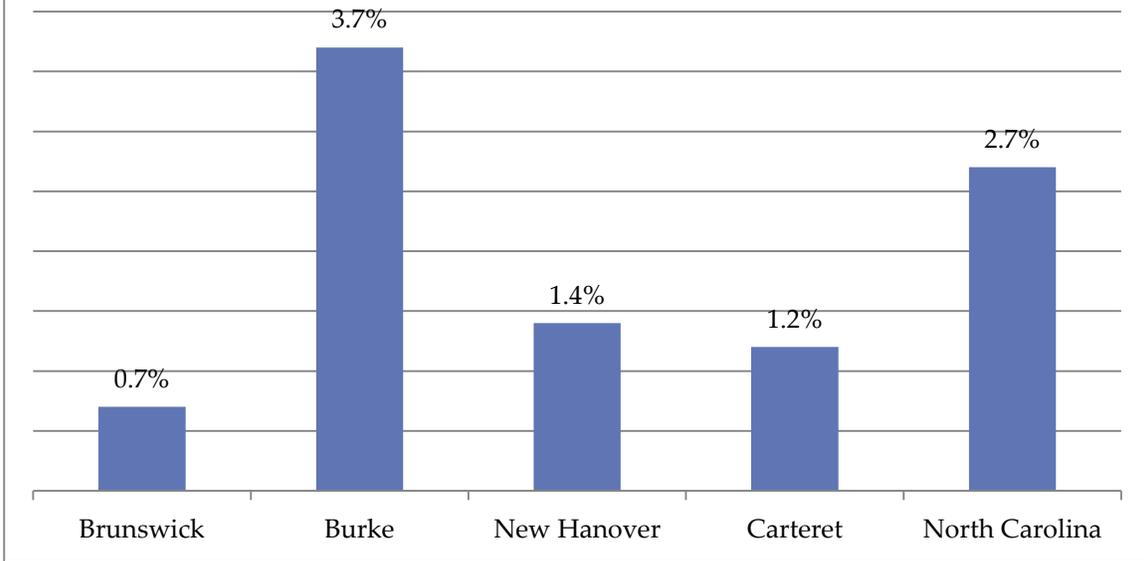
Source: Census Quick facts. County and State facts.

Percentage of Population American Indian or Alaskan Native



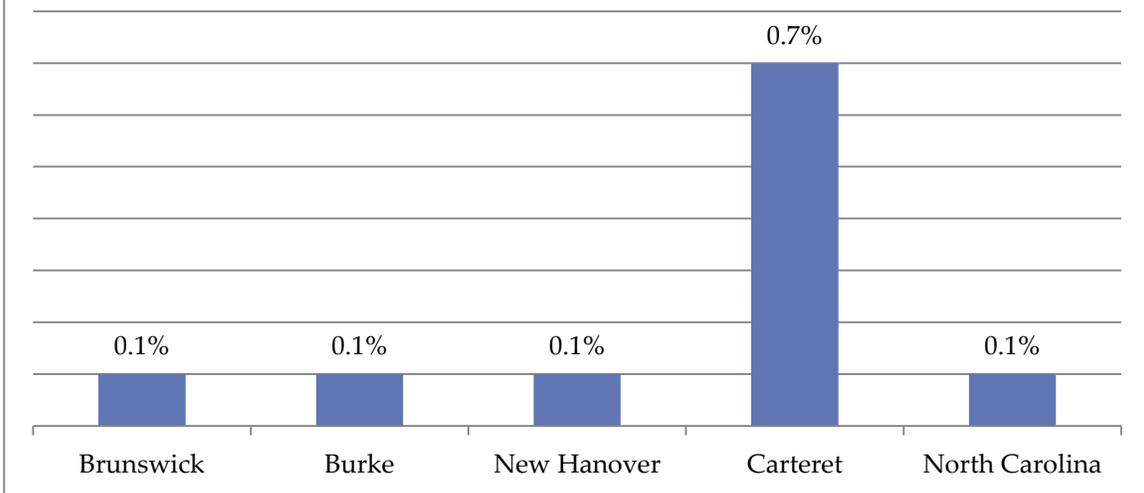
Source: Census Quick facts. County and State facts.

Percentage of Population- Asian



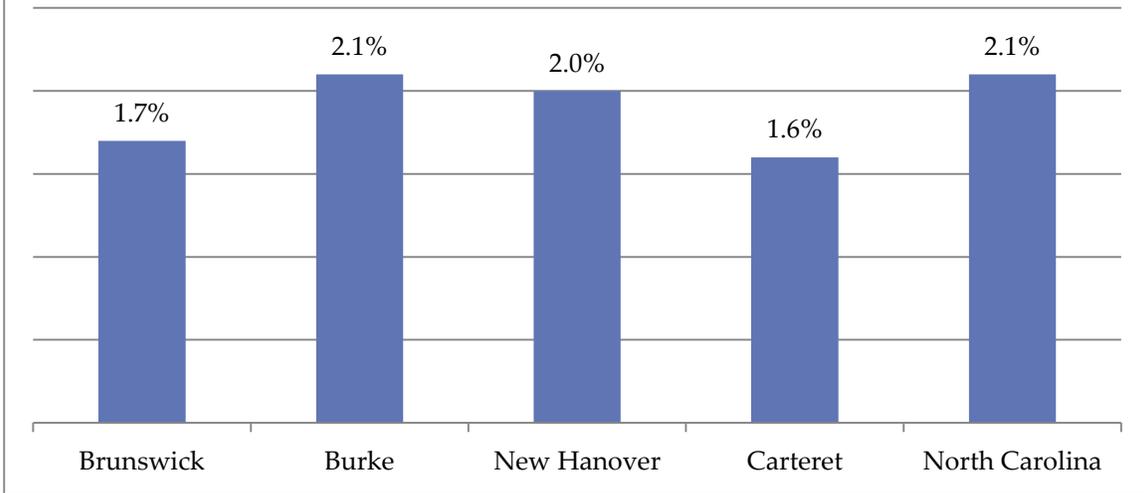
Source: Census Quick facts. County and State facts.

Percentage of Population Native American and Other Pacific Islander



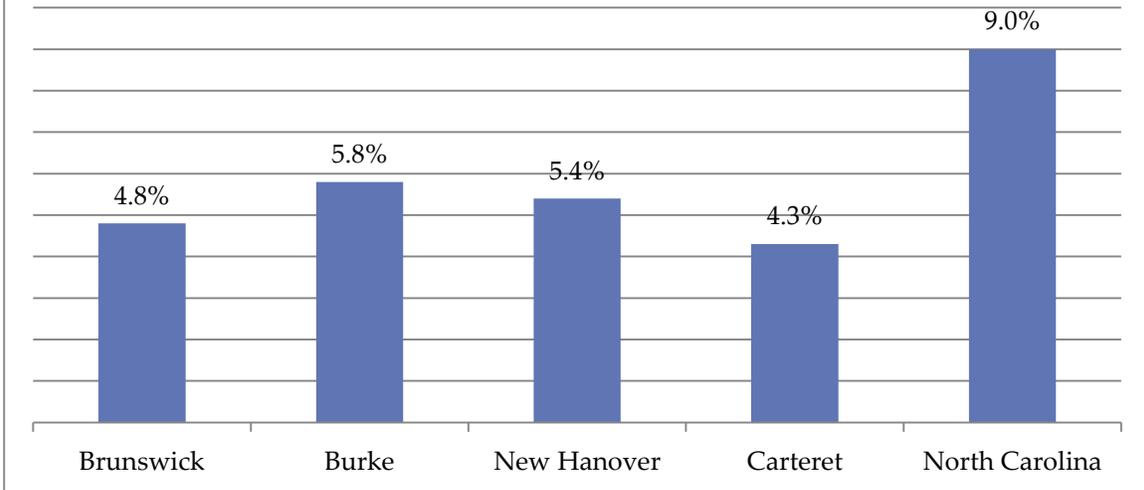
Source: Census Quick facts. County and State facts.

Percentage of Population Two or More Races



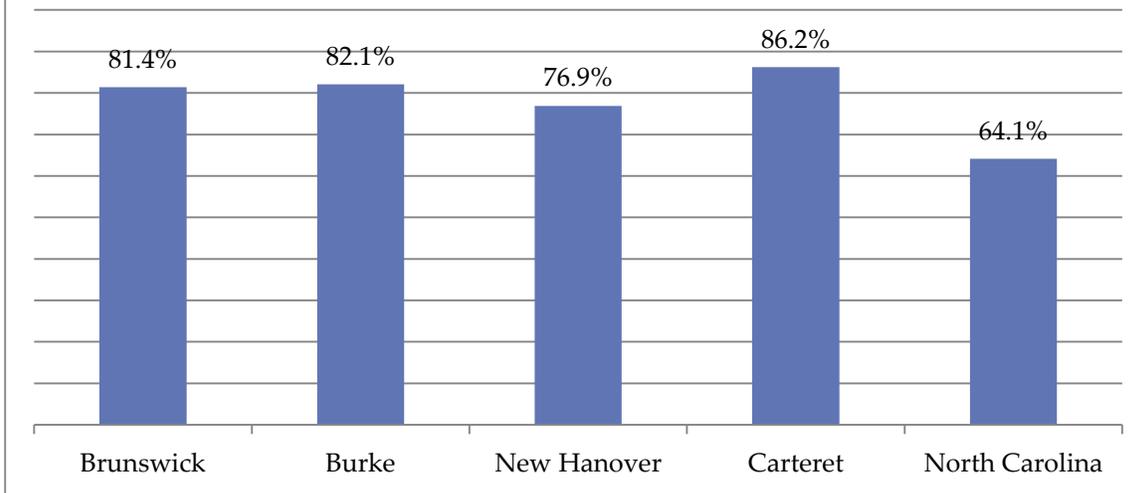
Source: Census Quick facts. County and State facts.

Percentage of Population Hispanic or Latino



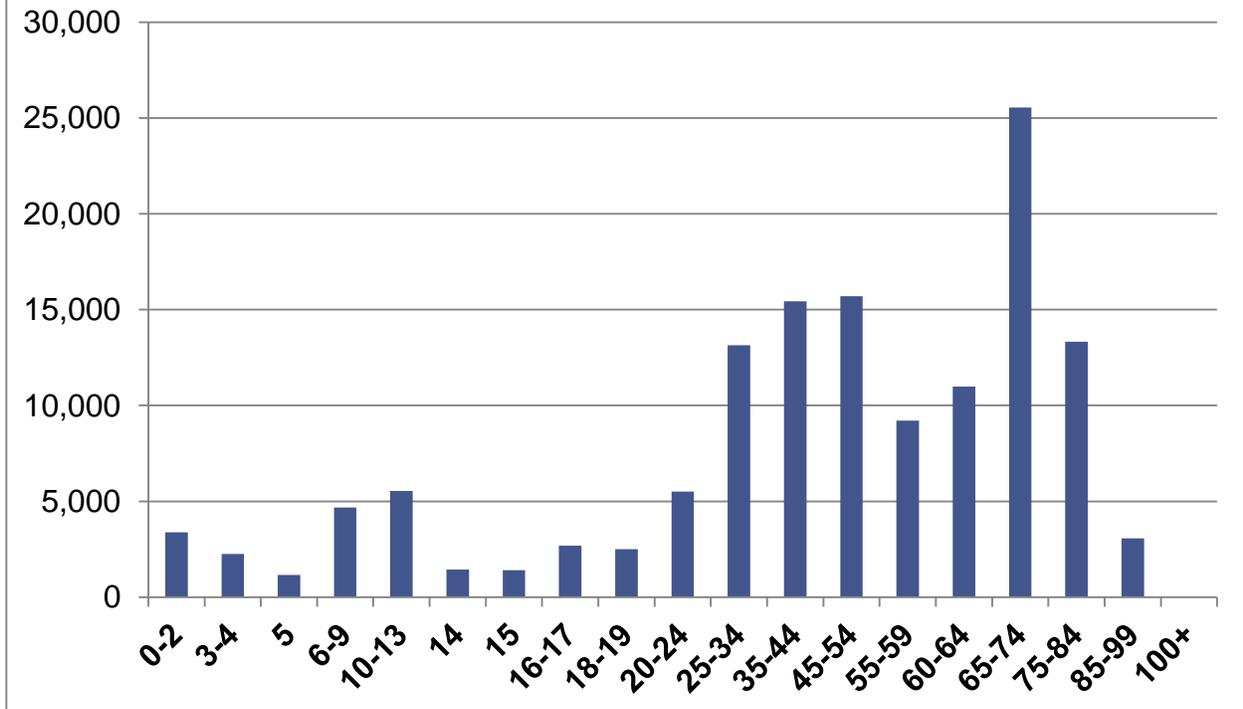
Source: Census Quick facts. County and State facts.

Percentage of Population White, Not Hispanic or Latino



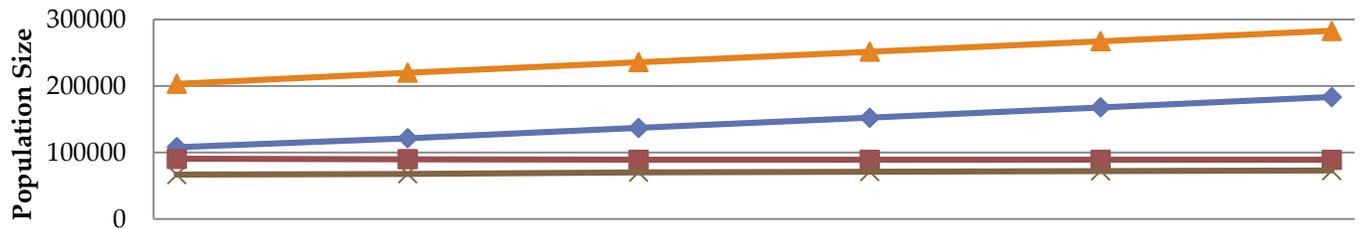
Source: Census Quick facts. County and State facts.

Brunswick County Projected Population 2020, by Age Group



NC State. Budget and Management.
Municipal Estimates. (<http://www.osbm.nc.gov/demog/municipal-estimates>)

Projected Population



	July-10	July-15	July-20	July-25	July-30	July-35
◆ Brunswick	108085	121577	137032	152488	167945	183402
■ Burke	90703	89950	89196	89196	89197	89196
▲ New Hanover	203325	220108	235866	251623	267379	283139
× Carteret	66743	68058	70413	71298	72183	73067

NC State. Budget and Management. Municipal Estimates.
<http://www.osbm.nc.gov/demog/municipal-estimates>

9.2 GEOGRAPHY

	Brunswick	Burke	New Hanover	Carteret	North Carolina
Population per square mile, 2010	126.8	179.3	1058.1	131.3	196.1
Land area in square miles, 2010	846.97	507.10	191.53	506.25	48,617.91

Source U.S. Census Bureau: State and Quick Facts. Data derived from Population Estimates, American Community Survey, Census of Population and Housing, State and Housing Unit Estimates, Business Patterns, Nonemployer Statistics, Economic Census, Survey of Business Owners, Building Permits

9.3 AGE AND SEX

	Brunswick	Burke	New Hanover	Carteret	North Carolina
Population under 5 years, percent, July 1, 2014	4.5	4.8	5.3	4.5	6.1
Population under 5 years, percent, April 1, 2010	5.4	5.6	5.8	4.9	6.6
Population under 18 years, percent, July 1, 2014	17.2	19.9	19.4	18.4	23
Population under 18 years, percent, April 1, 2010	18.8	22.2	19.9	18.9	23.9
Population 65 years and over, percent, July 1, 2014	27	18.4	15.8	21.8	14.7
Population 65 years and over, percent, April 1, 2010	21.4	16.1	13.9	19.0	12.9
Female population, percent, July 1, 2014	51.4	50.1	52	50.7	51.3
Female persons, percent, April 1, 2010	51	50.0	51.5	50.0	51.3

Source US Census Bureau: State and County Quick Facts (<http://quickfacts.census.gov/qfd/states/37/37019.htm>)

9.4 RACE/ETHNICITY

Race and Hispanic Origin	Brunswick	Burke	New Hanover	Carteret	North Carolina
White alone, percent, July 1, 2014, (V2014) (a)	85.4	89.7	81.3	89.7	71.5
White alone, percent, April 1, 2010 (a)	83	89.3	79.1	89.3	68.5
Black or African American alone, percent, July 1, 2014, (V2014) (a)	11.2	6.2	14.6	6.8	22.1
Black or African American alone, percent, April 1, 2010 (a)	11.4	6.1	14.8	6.6	21.5
American Indian and Alaska Native alone, percent, July 1, 2014, (V2014) (a)	0.9	0.6	0.6	0.8	1.6
American Indian and Alaska Native alone, percent, April 1, 2010 (a)	0.7	0.5	0.5	0.4	1.3
Asian alone, percent, July 1, 2014, (V2014) (a)	0.7	1.2	1.4	3.7	2.7
Asian alone, percent, April 1, 2010 (a)	0.5	0.9	1.2	3.5	2.2
Race and Hispanic Origin	Brunswick	Burke	New Hanover	Carteret	North Carolina
Native Hawaiian and Other Pacific Islander alone, percent, July 1, 2014, (V2014) (a)	0.1	0.1	0.1	0.7	0.1
Native Hawaiian and Other Pacific Islander alone, percent, April 1, 2010 (a)	Z	0.1	0.1	0.3	0.1
Two or More Races, percent, July 1, 2014, (V2014)	1.7	2.1	2	1.6	2.1
Two or More Races, percent, April 1, 2010	1.8	2.0	2	1.8	2.2
Hispanic or Latino, percent, July 1, 2014, (V2014) (b)	4.8	4.3	5.4	5.8	9
Hispanic or Latino, percent, April 1, 2010 (b)	5.2	3.4	5.3	5.1	8.4
White alone, not Hispanic or Latino, percent, July 1, 2014, (V2014)	81.4	86.2	76.9	82.1	64.1
White alone, not Hispanic or Latino, percent, April 1, 2010	80.8	87.4	76.8	83.0	65.3

Source US Census Bureau: State And County Quick facts (<http://Quickfacts.Census.Gov/Qfd/States/37/37019.Html>)

9.5 VETERANS

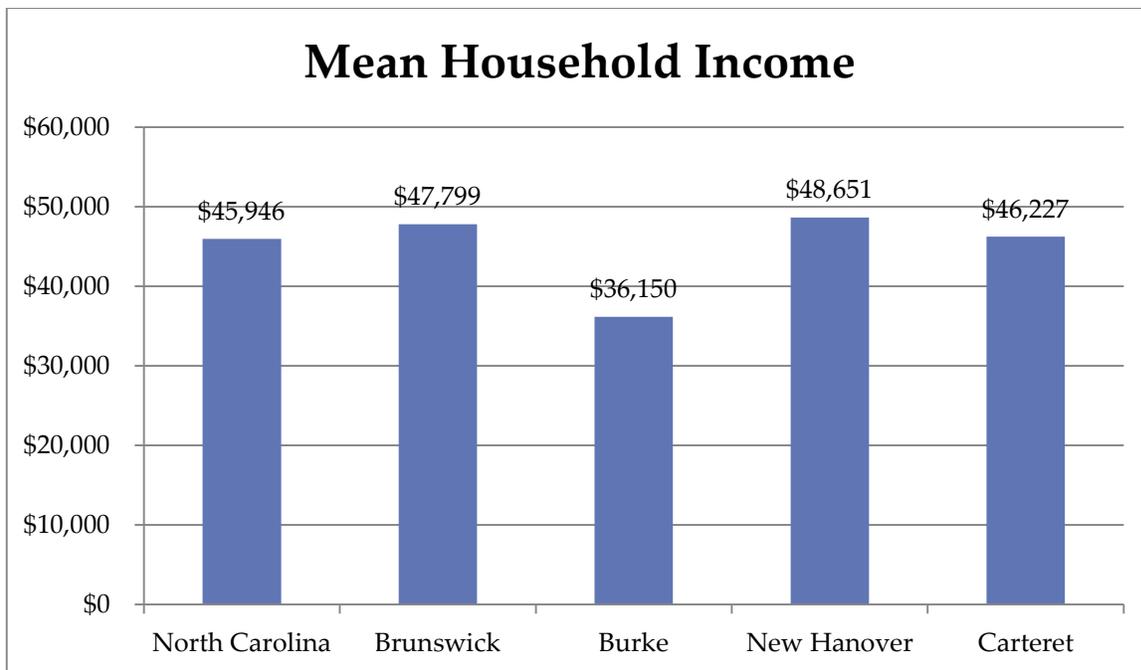
	Brunswick	Burke	New Hanover	Carteret	North Carolina
Veterans, 2009-2013	13,400	6,555	17,387	8,806	724,295

Source US Census Bureau: State And County Quick facts (<http://Quickfacts.Census.Gov/Qfd/States/37/37019.Html>)

9.6 INCOME

Income and Poverty	Brunswick	Burke	New Hanover	Carteret	North Carolina
Median household income (in 2013 dollars) 2009-2013*	\$46,438	\$37,735	\$49,835	\$47,179	\$46,334
Median household income, 2013**	\$45,946	\$36,150	\$45,738	\$46,227	\$59,472
Per capita income in past 12 months (in 2013 dollars), 2009-2013*	\$26,839	\$27,975	\$29,679	\$27,975	\$25,284

Source US Census Bureau: State And County Quick facts (<http://Quickfacts.Census.Gov/Qfd/States/37/37019.Html>)



Source: University of Wisconsin Population Health Institute. 2015 Health Rankings (<http://www.healthrankings.org/>)

Poverty Level

	Brunswick	Burke	New Hanover	Carteret	North Carolina
<u>Persons in poverty, percent*</u> 2010-2014	16.1	20.5	18.9	14.7	17.2
<u>Children in poverty</u> Percentage of children under age 18 in poverty, 2013	28%	31%	24%	24%	25%
<u>Income inequality**</u> Ratio of household income at the 80th percentile to income at the 20th percentile, 2009-2013	4.6	4.5	4.9	4.3	4.8
<u>Children eligible for free lunch**</u> % children enrolled in public schools that are eligible for free lunch, 2013	49%	48%	37%	35%	44%
Median household income	\$47,799	\$36,150	\$48,651	\$46,227	\$45,946

Source US Census Bureau: State And County Quick facts
[\(\[Http://Quickfacts.Census.Gov/Qfd/States/37/37019.Html\]\(http://Quickfacts.Census.Gov/Qfd/States/37/37019.Html\)\)](http://Quickfacts.Census.Gov/Qfd/States/37/37019.Html)

**Brunswick County Schools Economically Disadvantaged Students
Free or Reduced Lunch
Academic Year 2014-2015**

School Name	Final ADM	Free	Reduced	% EDS	% EDS w/1.6 Multiplier
Belville Elementary	787	335	0	42.57%	68.1%
Bolivia Elementary	459	263	0	57.30%	91.7%
Brunswick Early College	335	103	27	38.81%	
Brunswick County Academy	146	79	0	54.11%	86.6%
Cedar Grove Middle School	485	279	0	57.53%	92.0%
Jessie Mae Monroe Elementary	432	242	0	56.02%	89.6%
Leland Middle	767	394	0	51.37%	82.2%
Lincoln Elementary	556	405	0	72.84%	100.0%
North Brunswick High	1,003	468	84	55.03%	
Shalotte Middle	654	304	0	46.48%	74.4%
South Brunswick High	1,042	394	64	43.95%	
South Brunswick Middle	797	320	0	40.15%	64.2%
Southport Elementary	614	366	0	59.61%	95.4%
Supply Elementary	653	470	0	71.98%	100.0%
Town Creek Elementary School	532	276	0	51.88%	83.0%
Union Elementary	616	313	0	50.81%	81.3%
Virginia Williamson Elem	586	365	0	62.29%	99.7%
Waccamaw Elementary	569	287	0	50.44%	80.7%
West Brunswick High	1,299	543	76	47.65%	
Total	12,332	6,206	251	52.36%	

EDS= Economically Disadvantaged Students
Source: Brunswick County Schools (<http://www.bcswan.net>)

9.7 EDUCATIONAL ATTAINMENT

Education	North Carolina	Brunswick	Burke	New Hanover	Carteret
High school graduate or higher , percent of persons age 25 years+, 2009-2013*	84.9	86.3	88.1	90.6	83.4
Bachelor's degree or higher , percent of persons age 25 years+, 2009-2013*	27.3	25.1	24.2	36.6	17.4
High school graduation** Percentage of ninth-grade cohort that graduates in four years, 2011-2012	81%	84%	77.5%	80%	88.6%
Some college** Percentage of adults ages 25-44 with some post-secondary education, 2009-2013	63.8%	59.2%	47.8%	74.9%	60.6%

Source US Census Bureau: State And County Quick facts
<http://Quickfacts.Census.Gov/Qfd/States/37/37019.Html>

2013 SAT Scores

	# Tested	% Tested	Math Score	CR Score ¹	Writing Score ³	M+CR ²	M+CR+W ³
Brunswick Schools	345	45.3	486	482	466	968	1434
Brunswick Early College	52	60.5	526	528	521	1054	1575
North Brunswick High	69	34.5	473	459	458	932	1390
South Brunswick High	93	44.7	499	497	468	996	1464
West Brunswick High	131	49.1	469	464	446	933	1379

2014 SAT Scores

	# Tested	% Tested	Math Score	CR Score ¹	Writing Score ³	M+CR ²	M+CR+W ³
Brunswick Schools	301	33.9	492	484	462	976	1438
Brunswick Early College	26	28.6	518	500	505	1018	1523
North Brunswick High	82	39.0	479	481	457	960	1417
South Brunswick High	89	31.2	514	508	479	1022	1501
West Brunswick High	104	35.3	476	461	442	937	1379

2015 SAT Scores

	# Tested	% Tested	Math Score	CR Score ¹	Writing Score ³	M+CR ²	M+CR+W ³
Brunswick Schools	316	40.5	496	482	462	978	1440
Brunswick Early College	25	21.6	560	533	1093	1620	25
North Brunswick High	94	47.2	468	458	926	1361	94
South Brunswick High	65	31.3	502	499	1001	1459	65
West Brunswick High	132	52.2	500	480	980	1450	132

NC Public Schools. SAT Scores. (<http://www.ncpublicschools.org/accountability/reporting/sat/2015>)

9.8 ECONOMIC

Economy	North Carolina	Brunswick	Burke	New Hanover	Carteret
In civilian labor force, total, percent of population age 16 years+, 2009-2013	62.5	53.9	73.8	66	56.6
In civilian labor force, female, percent of population age 16 years+, 2009-2013	58.3	48.7	57.4	61.5	59.0
Total accommodation and food services sales, 2007 (\$1,000) (c)	1,6126,939	150,576	107,721	525,548	151,047
Total health care and social assistance receipts/revenue, 2007 (\$1,000) (c)	46,688,776	213,589	380,608	1,822,472	234,794
Total manufacturers' shipments, 2007 (\$1,000) (c)	205,867,299	D	2,271,177	2,883,612	2,271,177
Total merchant wholesaler sales, 2007 (\$1,000) (c)	88,795,885	206,726	289,487	1,410,140	289,487
Total retail sales, 2007 (\$1,000) (c)	114,578,173	1,00,4231	661,178	3,825,475	661,178
Total retail sales per capita, 2007 (c)	12,641	10,070	7,443	20,126	12,990

Source US Census Bureau: State and County Quick facts ([Http://Quickfacts.Census.Gov/Qfd/States/37/37019.Html](http://Quickfacts.Census.Gov/Qfd/States/37/37019.Html))

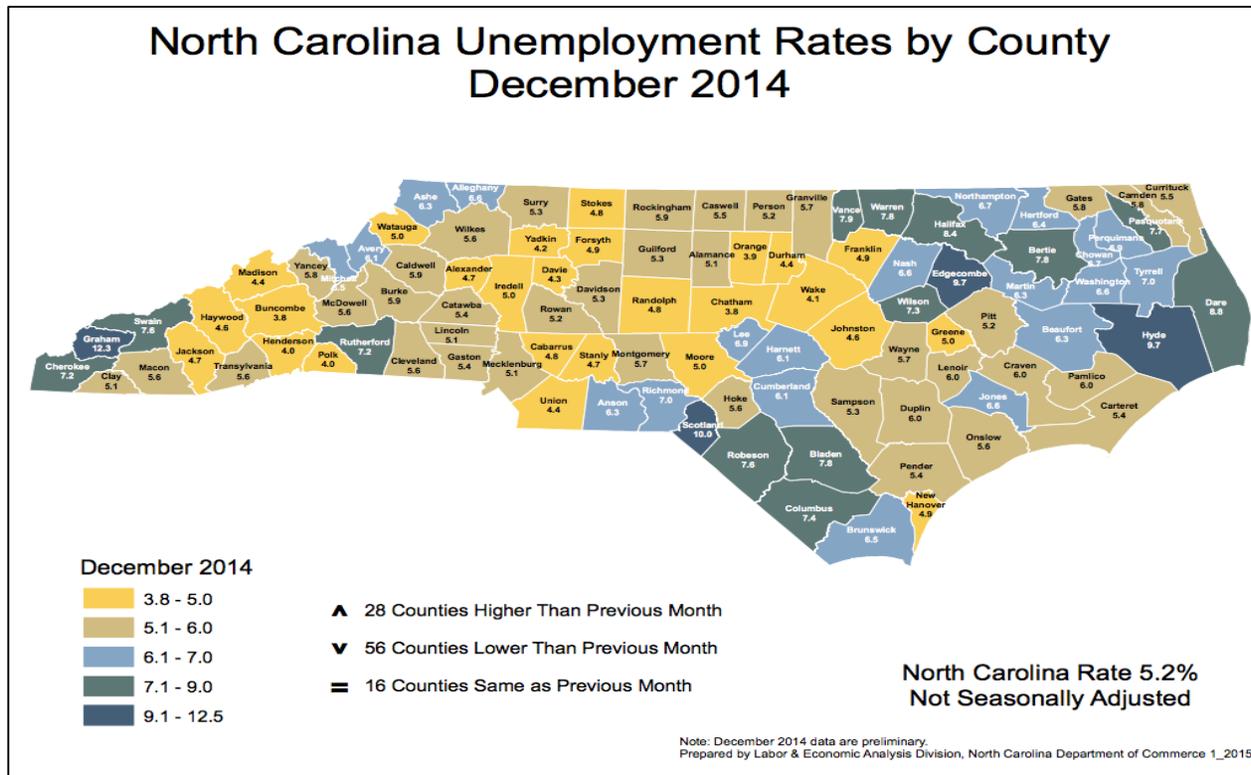
9.9 EMPLOYMENT STATUS

Businesses	North Carolina	Brunswick	Burke	New Hanover	Carteret
Unemployment*	8.0%	8.8%	7.5%	7.8%	6.5%
Total employer establishments, 2013	218285	2300	1446	6806	1915
Total employment, 2013	3421195	23411	21453	84705	17546
Total annual payroll, 2013	143341880	803000	5621697325	3442596	514299
Total employment, percent change, 2012-2013	2.1	3.7	-1.1	1.2	2.0
Total nonemployer establishments, 2013	679725	9436	5098	18388	6121
All firms, 2007	798791	12223	6778	22306	9110
Men-owned firms, 2007	421114	6469	3671	11353	4875
Women-owned firms, 2007	225500	3373	1611	5939	1743
Minority-owned firms, 2007	131728	986	573	2119	364
Nonminority-owned firms, 2007	634155	10784	5879	18534	8328
Veteran-owned firms, 2007	84350	1244	724	2380	800
Nonveteran-owned firms, 2007	652713	9813	5285	17401	7310

Source US Census Bureau: State and County Quick facts (<http://Quickfacts.Census.Gov/Qfd/States/37/37019.Html>)

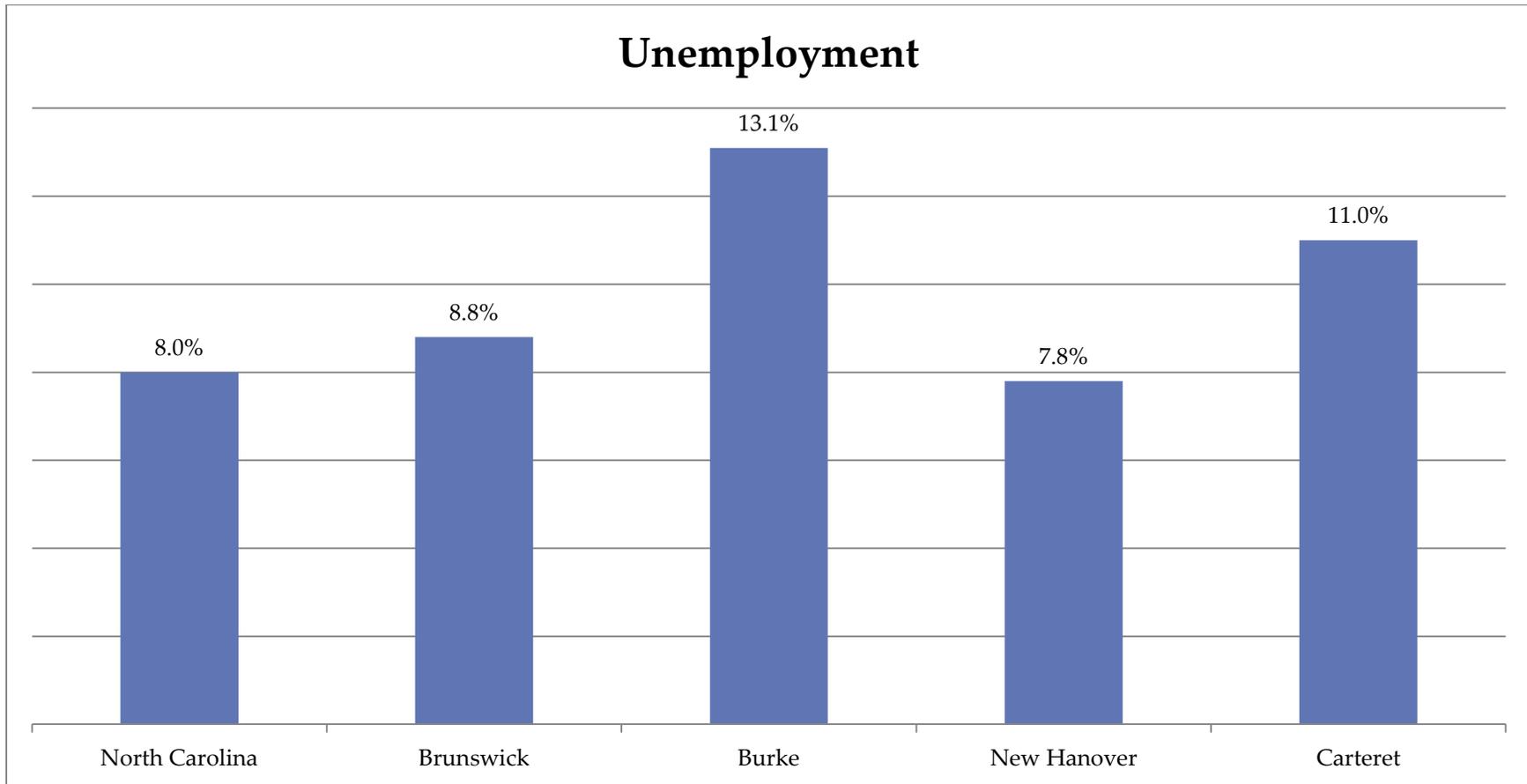
Employment Metrics	November 2015	2014 Annual
Sept 2015 Prelim., 2014 Employment	46,006,	43,735
Sept 2015 Prelim., 2014 Unemployment	3,240	3,572
Sept 2015 Prelim., 2014 Unemployment Rate	6.6%	7.6%
2015Q2 YTD, 2014 Announced Job Creation		40
2015Q2 YTD, 2014 Total Announced Investments (\$mil)		\$0.3

Access NC. Community Profile. Brunswick County. (<http://accessnc.commerce.state.nc.us/docs/countyProfile/NC/37019.pdf>)



https://www.ncesc1.com/pmi/rates/PressReleases/County/NR_December2014_CountyRateRelease_M.pdf

Unemployment



Source: Census Quick facts. County and State facts.

9.10 FOREIGN BORN

	Brunswick	Burke	New Hanover	Carteret	North Carolina
Foreign born persons, percent 2009-2013	4.2%	5.1%	5.6%	3.7%	7.6%

Source: Census Quick facts. County and State facts.

9.11 LANGUAGE SPOKEN AT HOME

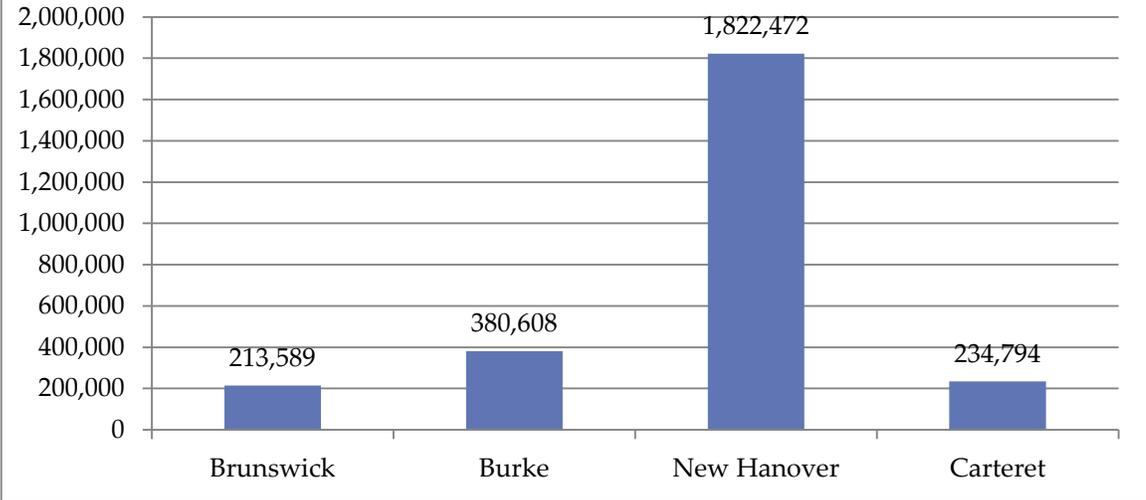
	Brunswick	Burke	New Hanover	Carteret	North Carolina
Language other than English spoken at home, percent of persons age 5 years+, 2009-2013	6.3%	8.6%	7.6^	5.0%	10.9%
Percent of households not proficient in English	1.4%	2.1%	2.2%	1.3%	2.7%

Source: Census Quick facts. County and State facts.

9.12 VIOLENCE AND CRIME

Violent crimes are offenses that involve face to face confrontation between the victim and the perpetrator. These crimes can include homicide, forcible rape, robbery, and aggravated assault. The number of reported violent crimes in Brunswick County in 2012 was 209 or at a rate of 197 per 100,000 population. Peer county rates range from 164-427 per 100,000. Brunswick County's violent crime rate has remained at a steady rate for several years with little change.

Total health care and social assistance receipts/revenue, 2007 (\$1000)



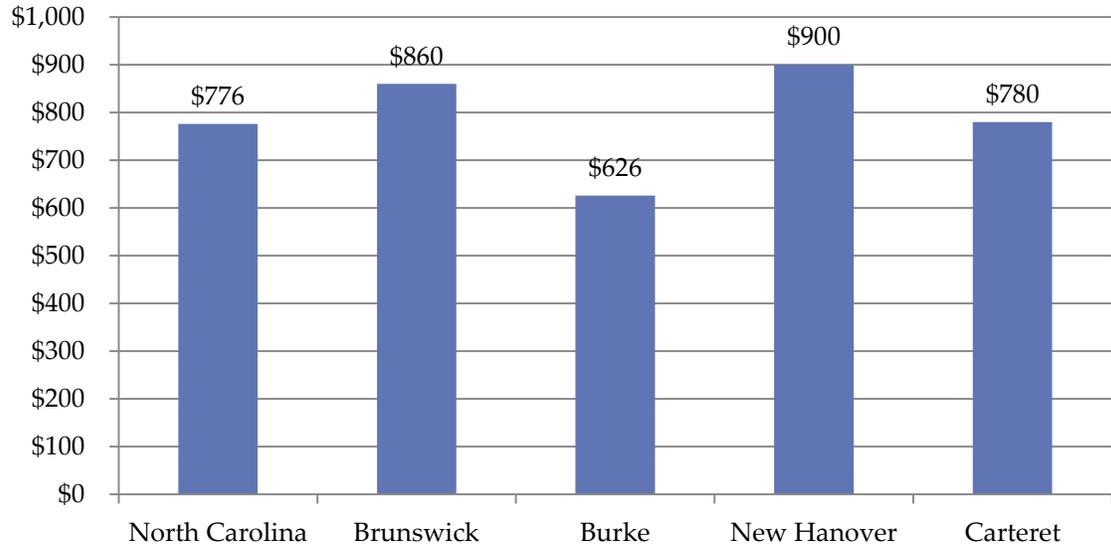
Source: Census Quick facts. County and State facts.

9.13 HOUSING, FAMILIES, AND LIVING ARRANGEMENTS

<i>Housing</i>	North Carolina	Brunswick	Burke	New Hanover	Carteret
Housing units, July 1, 2014	4,452,334	81,416	40,656	105,532	48,898
Housing units, April 1, 2010	4,327,528	77,482	40,879	101,436	48,179
Owner-occupied housing unit rate, 2009-2013	66.4	76.4	71.9	58.9	70.2
Median value of owner-occupied housing units, 2009-2013	\$153,600	\$186,600	\$111,700	\$215,200	\$193,5000
Median selected monthly owner costs -with a mortgage, 2009-2013	\$1,281	\$1,314	\$1,007	\$1,528	\$1,302
Median selected monthly owner costs -without a mortgage, 2009-2013	\$368	\$396	\$305	\$486	\$419
Median gross rent, 2009-2013	\$776	\$860	\$626	\$900	\$780
Building permits, 2014	49,911	1,973	1,394	1,749	230
<i>Families and Living Arrangements</i>					
No. of Households, 2009-2013	3,715,565	47,600	34,597	86,010	29,352
No. of Persons per Household 2009-2013	2.53	2.3	2.52	2.33	2.27
Living in same house 1 year ago Percent of persons age 1+ 2009-2013	84.7%	86%	88.1%	80.2%	83.4%
Language other than English spoken at home percent of persons age 5 years+, 2009-2013	10.9%	6.3%	5.0%	7.6%	5.0%

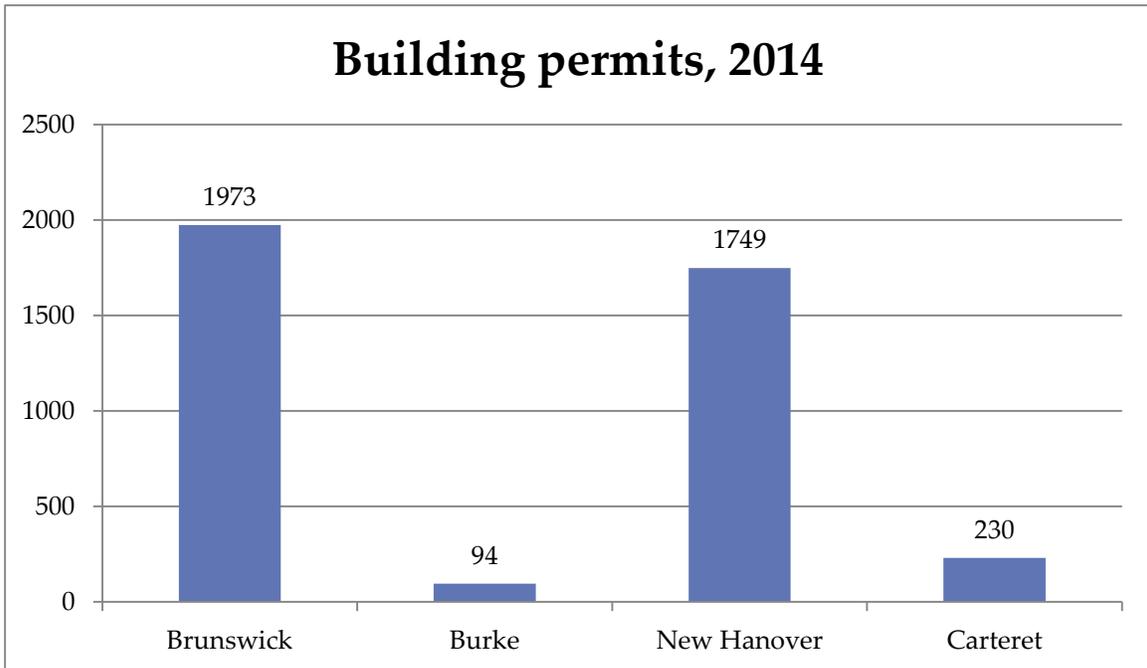
Source: Census Quick facts. County and State facts.

Median gross rent, 2009-2013



Source: Census Quick facts. County and State facts.

Building permits, 2014



Source: Census Quick facts. County and State facts.

10 Southeastern North Carolina Regional Health Collaborative

The Southeastern North Carolina Regional Health Collaborative (SENCRHC) was initiated in February, 2013 as a collaborative effort between UNCW College of Health and Human Services and the health directors of the following 5 counties: Brunswick, Columbus, New Hanover, Onslow, and Pender. A regional health assessment was undertaken in 2013 as an extension of previous work, the 3-county report, FOCUS Health and Wellness Gap Analysis, which was completed in July 2014. The FOCUS Health and Wellness Gap Analysis included Brunswick, New Hanover, and Pender Counties – three of the five counties in the Southeastern North Carolina Regional Health. In January 2015, the 5-county report was completed and published. This report is entitled, *Planning for Public Health: A Regional Assessment for Creating Healthy Communities* and is available on the UNCW SENCRHC web page:

10.1 BRUNSWICK COUNTY HEALTH AND WELLNESS PRIORITY AREAS

As part of the regional assessment, health and wellness priority areas were identified. These priority areas were developed through an analysis of health indicators created as part of the planning process combined in a weighted overlay analysis based on 2010 Census data, built environment amenities, and proximity to facilities that support healthy lifestyles.⁴ Each of these health indicators were weighted by the Health & Wellness Advisory Committee based on the indicators' impact on health outcomes. Socioeconomic Status (SES) was ranked as the most significant factor in determining health outcomes throughout the region. A Health and Wellness Priority Areas Map and was created for each county in the SENCRHC region. The Health and Wellness Priority Areas Map and supporting information for Brunswick County is found on the following pages. Three specific priority areas were selected based upon their need for services.

Three specific areas of concern in Brunswick County were identified as priority areas: the Northwest area, Navassa, and Ash communities and their immediate vicinities. Low socioeconomic status and lack access to several health and wellness services was evident in each of these communities. Areas along the northern border of the county, though sparsely populated, also lack access to amenities and community facilities available to the southeastern communities along the coast.

Access to amenities, services, and opportunities that promote healthier lifestyles is complicated by the rural nature of much of Brunswick County.⁶ Increasing access is important, but access alone will not substantially alter health outcomes of the population in the county. An

⁴ Southeastern NC Regional Health Collaborative, *Planning for Public Health: A Regional Assessment for Creating Healthy Communities*, Jan 2015 [<http://uncw.edu/sencrhc/CountyHealthAssessments.html>]

increase in the demand for physical activity and healthy eating opportunities must complement an increase in access. It is the shared responsibility of the local governments, planning departments, and the health department in the county to nurture such a demand.⁵

Table 14.1 Brunswick County Health & Wellness Priority Areas			
Goal	Northwest Area	Navassa Area	Ash Area
1) Explore Strategies to Decrease Commute Times	●	●	◐
2) Increase Access to Healthcare Providers	●	◐	●
3) Increase Access to Dental Facilities	●	◐	●
4) Increase Social Cohesion and Provide Health Education	●	●	●
5) Increase Access To Full-Service Grocery Stores	●	○	●
6) Increase Access To Active Transportation Facilities	●	○	●
7) Increase Elderly Transit Access	N/A	○	N/A
8) Increase Access to Physical Activity Facilities	●	○	◐

Table 14.1 Legend	
Low Priority	○
Moderate Priority	◐
High Priority	●

⁵Southeastern NC Regional Health Collaborative, *Planning for Public Health: A Regional Assessment for Creating Healthy Communities*, Jan 2015 [<http://uncw.edu/senchrhc/CountyHealthAssessments.html>]

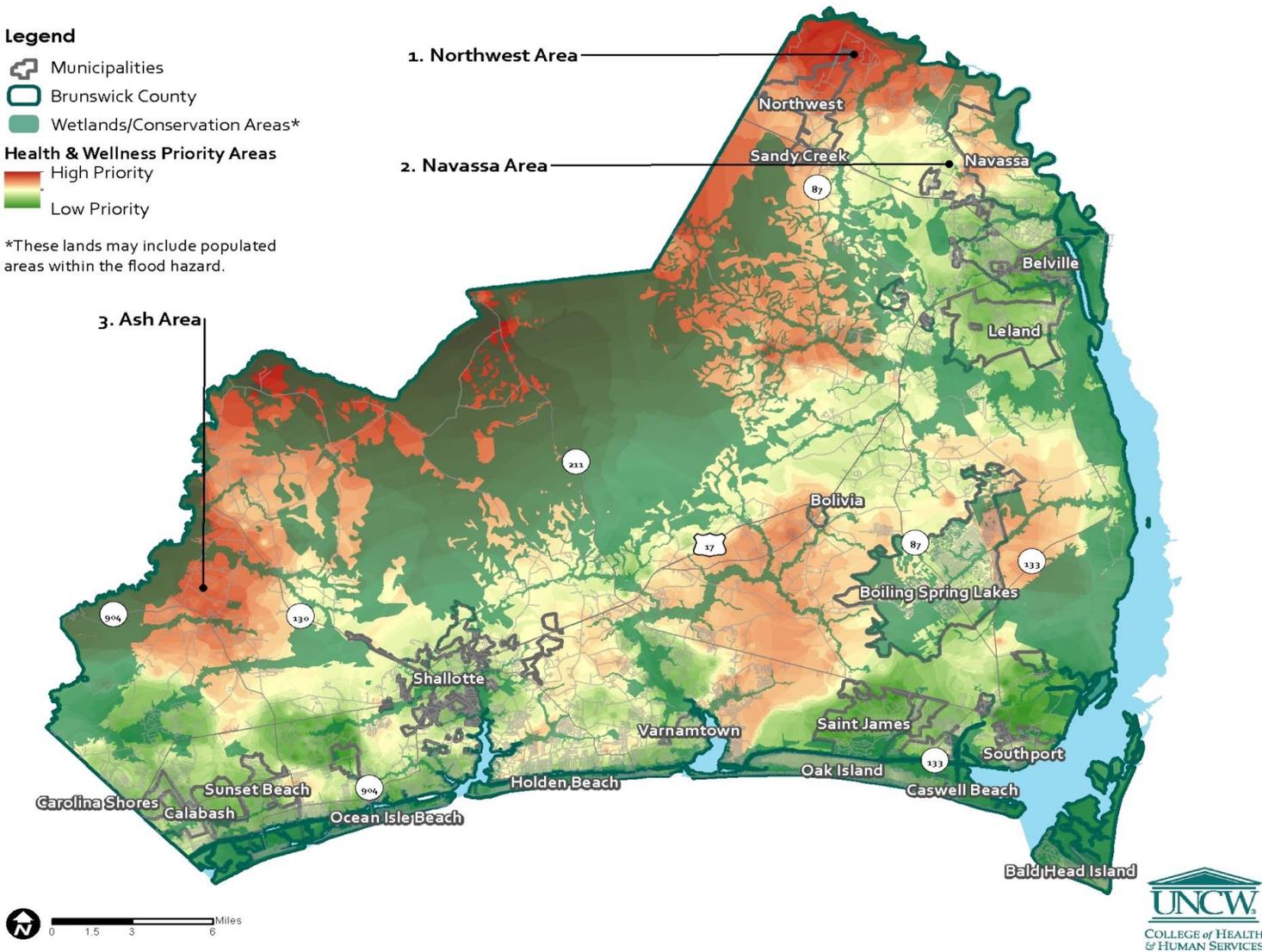
Legend

-  Municipalities
-  Brunswick County
-  Wetlands/Conservation Areas*

Health & Wellness Priority Areas

-  High Priority
-  Low Priority

*These lands may include populated areas within the flood hazard.



Map 19: Health and Wellness Priority Areas - Brunswick

Source: Southeastern NC Regional Health Collaborative, *Planning for Public Health: A Regional Assessment for Creating Healthy Communities*, Jan 2015 [<http://uncw.edu/senchrhc/CountyHealthAssessments.html>]