

PENDER COUNTY



2014

Community Health Assessment

“Building a Healthier Tomorrow”



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PENDER COUNTY HEALTH DEPARTMENT WEBSITE AT:

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Call the Pender County Health Department at (910) 259-1328 for any comments or questions
about the Community Health Assessment

Pender County Health Department

...Building a healthier tomorrow...

Carolyn Moser, BSN, MPA

To Pender County Residents:

"Building a Healthier Tomorrow". This is the mission of the Pender County Health Department and how appropriate as we present to you the 2014 Community Health Assessment! As Pender County continues to evolve and grow, we must make sure that we take the necessary steps to ensure that the needs of our residents are being addressed. As you review this report, remember that the community itself is the patient!

In 2014, Pender County was ranked as one of the 25 healthiest counties in North Carolina. Through the work and partnership of public health, the community, government, and hospital partners coming together, the groundwork has been laid to explore and identify many factors that affect the health status of our community. Special recognition is given to our partners at the UNC School of Global Public Health for their assistance in making this community health assessment a success.

We look forward to working with our community members, leaders and stakeholders as strategies are developed to address the communities' priorities over the next four years. I invite you to think about the ways you can promote healthy behaviors that will have a positive impact on your health, the health of your family, and the health of OUR community!

In the Spirit of Public Health,

Carolyn Moser, Health & Human Services Director

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EXECUTIVE SUMMARY

What is a Community Health Assessment?

A Community Health Assessment (CHA) is a comprehensive statistical benchmark intended to define a county's health status as well as to inform and guide decisions regarding the community's core health issues. It is the foundation for improving and promoting the health of county residents. The role of a CHA is to identify factors that affect the health of a population and determine the availability of resources within the community to adequately address these factors. A CHA is a key step in the continuous community health improvement process.

This assessment describes a process and a document. The *process* involves data collection and analysis, including demographic, socioeconomic and health statistics, and public and professional opinions. The *document* is a summary of all the available evidence and serves as a resource until the next assessment. Together they provide a basis for prioritizing the community's health needs and culminate in planning on how to meet those needs. An additional goal is for this document to be useful, actionable and forward-thinking.

From January-October 2014, the Pender County Health Department lead a community health planning effort that involved over 40 agency and community partners serving Pender County. This collaborative helped to identify, collect, analyze and disseminate information on Pender County's assets, strengths, resources, and needs.

The Process

The Pender County Community Health Assessment team provided oversight to more than 40 agencies and community partners dedicated to the CHA process. Within the CHA process, there are eight phases:

1. Establish a CHA team
2. Collect primary data
3. Collect secondary data
4. Analyze and interpret county data
5. Determine health priorities
6. Create the CHA document
7. Disseminate CHA document
8. Develop community health action plans

Gathering Information

Pender County's CHA was created using both existing statistics and data that was collected directly from the community. Existing statistics came from state, county and local sources, which helped create a snapshot of the health, social, and economic status of Pender County.

Data was also collected from the community through a health opinion survey. This survey consisted of approximately 50 questions about the community, including issues that concern residents the most and services that may need improvement. Questions also addressed health issues and concerns, health topics the community needs more information about, and health care access. In March 2014, the Pender County Health Department along with many volunteers completed 211 door-to-door surveys randomly selected from across the County.



Making Comparisons

As a requirement for completing the CHA, the NC State Center for Health Statistics Data Dissemination Unit established groups of peer counties that had certain similarities. These included:

- Population size
- Individuals living below poverty
- Population under 18 years of age
- Population 65 years and older
- Population density (people per square mile)

Of the four peer counties identified across the state, Franklin and Nash counties were selected. Throughout this document, Pender County data will be compared with those counties as well as the state of North Carolina. Data was also compared to *Healthy NC 2020* which serves as the state’s health improvement plan. In addition, Pender County data was compared to the University of Wisconsin Population Health Institute’s *County Health Rankings and Roadmap*.

Health, socioeconomic, and environmental data indicators were reviewed utilizing existing statistics. Target gaps with the *Healthy NC 2020* objectives, comparison gaps with the state and/or peer counties, and emerging trends or disparities were also taken into consideration for this report. Finally, survey based information was examined regarding community identified concerns. Based on that review, in July 2014, the CHA Steering Committee chose six topic areas to present to the community at the community health forums.

Identifying Priorities

On August 27, 2014, two community forums were held in Pender County to discuss the results of the CHA process. Partners and community members were invited to hear findings from the assessment, discuss results, and help prioritize focus areas to be addressed over the next four years. Results from the forums were presented to the CHA Steering Committee.

The Steering Committee requested that community concerns regarding poverty and health care access be incorporated within the priority areas selected. The priority areas that will be addressed in community health improvement planning over the next four years are:



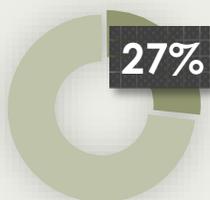
1. Mental Health and Substance Use
2. Diabetes
3. Increasing Access to Physical Activity

Each Priority at a Glance

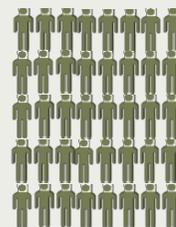
Below are infographics capturing highlights of Pender County CHA results for each priority area.

MENTAL HEALTH & SUBSTANCE USE

Mental health plays an important role in overall individual health. Individuals with poor mental health may have difficulties with relationships, productivity, and overall sense of well-being. In addition, substance use and abuse are major contributors to death and disability in NC, and persons who suffer from abuse or dependence are at risk for premature death, comorbid health conditions, injuries, and disability.



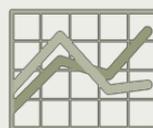
More than **1 in 4** adults (27%) in Pender County have ever been diagnosed with anxiety and/or depression.



From 2008-12, there were **40** suicides in Pender County.



18% of Pender County adults engage in heavy drinking vs. 13% statewide

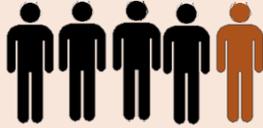


The Pender County suicide death rate (15.1 per 100,000) was 24% higher than the state rate (12.2) in 2008-12.

According to the 2014 Pender County Community Health Opinion Survey, drug abuse was ranked the #3 community issue and alcohol abuse the #4 community issue.

DIABETES

Diabetes is a leading cause of death and disability in NC and can lead to serious and costly health problems such as heart disease, stroke and kidney failure.



Almost **1 in 5** adults (18.5%) in Pender County have diabetes.

The Pender County diabetes death rate is **23%** higher than the state.



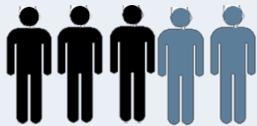
\$19,148 is the average cost of patients hospitalized for diabetes in Pender County.

Diabetes deaths among African Americans in Pender County are **double** the rate compared to Whites.

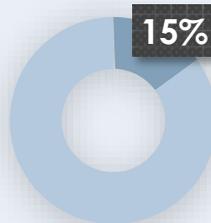


INCREASING ACCESS TO PHYSICAL ACTIVITY

Excess weight increases risk of developing type 2 diabetes, high blood pressure, heart disease, certain cancers and stroke. Increased physical activity and improved nutrition can help individuals maintain a healthy weight. When Pender County residents were asked what would be the one thing that would make Pender County a healthier place to live, access to more recreation facilities was the top choice, tied with better eating.



Approximately **2 in 5** adults (40%) in Pender County were diagnosed as overweight or obese.



15% of Pender County adults do not engage in any form of exercise. Reasons why they do not exercise:

- Unable (42%)
- Don't like to (21%)
- No time (12%)
- No access to facility (9%)
- Other (15%): too tired, no childcare, too expensive, no safe place

Community-suggested recreation improvements include:

- More parks (in general)
- More parks for children
- Parks for skateboards/bikes
- More walking trails



CHAPTER 1 | INTRODUCTION

Health is affected by where and how we live, work, play, and learn. It is important that we understand how different factors can influence our health. Building a healthier community starts with identifying and understanding these factors in a larger context. Part of the health planning process is to identify the health status, disparities, gaps and unmet needs in the community in balance with identified Pender County resources, strengths and perceptions. Understanding the factors that affect our health helps us develop action plans to address those needs.

The Pender County Health Department in collaboration with over 40 agency and community partners led a community health planning effort to measurably improve the health of Pender County residents. This report discusses findings and key highlights from the Community Health Assessment process conducted from January – October 2014. Detailed data tables and analysis can be found in the Appendix.



Background

In January 2014, the Pender County Health Department brought together partners from across the community to conduct a collaborative Community Health Assessment (CHA). The CHA process includes the following phases outlined by the NC Division of Public Health:

1. Establish a CHA team
2. Collect primary data
3. Collect secondary data
4. Analyze and interpret county data
5. Determine health priorities
6. Create the CHA document
7. Disseminate the CHA document
8. Develop community health action plans

The goal of the CHA is to identify the health status, concerns and resources in Pender County and work with stakeholders to address priority issues.

Oversight

The CHA Team consisted of staff from the Pender County Health Department and North Carolina Institute for Public Health at the UNC Gillings School of Global Public Health which was contracted to provide support services. The CHA team conducted monthly conference calls with Pender County Health Department staff who provided oversight of the project process and timeline and ensured the completion of deliverables. The CHA Steering Committee consisted of more than 40 representatives from various agencies and community partners throughout Pender County, including:

- County government
- Town and municipality government
- Pender County Schools
- Businesses and non-profits
- Faith-based organizations
- Health care providers

The Steering Committee met monthly at the Pender County Cooperative Extension Center to provide feedback on the CHA process, provide opportunities for community engagement, and finalize health priorities.

Community Engagement

Community members from Pender County were given the opportunity to provide input on the community's strengths, resources, and needs by participating in data collection and prioritization through the community health opinion survey (211 residents, randomly selected) and the community health forums (34 participants).

Methods

Existing data and data collected directly from the community were utilized in the CHA.

Existing Statistics

Many factors can influence the health of a community, including education and jobs, access to quality health care, individual behavior, and the environment. This requires collecting data from a variety of sources to capture an overall picture of Pender County's health. The assessment process included collecting existing statistics from state, county, and local sources. Sources of statistical data included, but were not limited to the US Census Bureau, the NC State Center for Health Statistics, Pender County Government, and local service providers.

Health Opinion Survey

Data was collected directly from the community through a community health opinion survey (CHOS). The survey consisted of approximately 50 questions about various community and health topics. Topics included: issues that concern residents the most; services needing improvement; topics the community needs more information about; and health care access. A two-stage cluster sampling method was used to randomly select 30 census blocks (outlined in red) and 7 households within each census block. In March 2014, the Pender County Health Department along with many volunteers completed 211 door-to-door surveys.

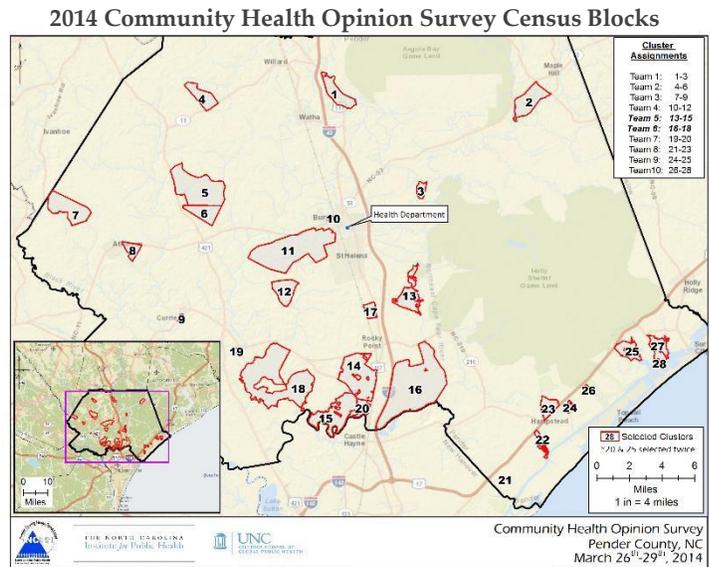
Comparisons

Throughout this report, Pender County data is compared to two peer counties (Franklin and Nash) and the state of North Carolina. Franklin and Nash counties were selected because they are similar in population size and other demographic factors as determined by the NC State Center for Health Statistics. Data was also compared to *Healthy NC 2020* which serves as the state's health improvement plan. In addition, Pender County data was compared to the University of Wisconsin Population Health Institute's *County Health Rankings and Roadmap*.

Prioritization

Data from existing statistics and the health opinion survey were reviewed for: (1) community-identified concerns, (2) target gaps with the *Healthy NC 2020* objectives, (3) comparison gaps with the state and/or peer counties, and (4) emerging trends or disparities. In July 2014, the Steering Committee chose six topic areas to present at the community health forums. Forums were held in Hampstead and Burgaw in August 2014. Residents and agency partners were invited to hear the findings from the CHA and to provide input on health priorities to be addressed over the next four years. In September 2014, the Steering Committee reviewed and finalized the 2014 CHA priorities. The Steering Committee requested that poverty and health care access be incorporated within each of the priorities. The 2014 CHA priorities to be addressed are:

1. Mental Health and Substance Use
2. Diabetes
3. Increasing Access to Physical Activity



CHAPTER 2 | COUNTY DESCRIPTION

Pender County is located in the Coastal Plains of the Southeast portion of North Carolina. Approximately 15 miles of the county border the Atlantic Ocean. Pender County is the 9th largest county in area in the state, approximately 870 square miles.

Pender County consists of six municipalities, including Burgaw (county seat), Atkinson, St. Helena, Surf City, Topsail Beach, and Watha. There are seven communities in the county: Currie, Hampstead, Maple Hill, Penderlea, Rocky Point, Scotts Hill, and Willard.

Pender County Quick Facts

Total population¹: 55,334
Median age¹: 41.1
Percent high school graduate or higher²: 86.0%
Median household income (dollars)²: \$44,071

Sources: ¹ US Census Bureau: Annual Estimates of the Resident Population: April 1, 2010 to July 1, 2013. ² US Census Bureau, 2008-2012 American Community Survey.

History

Pender County was formed in 1875 from New Hanover County and was named after a Confederate general, William Dorsey Pender, who was wounded and died at the Battle of Gettysburg during the Civil War. In 1877, the city of Stanford was changed to Burgaw which became the county seat.

Of public health interest, Solomon Sampson Satchwell, a physician and head surgeon in the Confederate Army, established private practices in Rocky Point and Burgaw after the war. He led efforts to develop a public health program for the state. Satchwell helped form the State Board of Health and served as the first president of the board from 1879-1881.

Geography

Pender County is a large coastal county in the Cape Fear Region located in southeastern North Carolina. Approximately 15 miles of the county are bounded by the Atlantic Ocean. The coastal corridor is traversed by the Atlantic Intercoastal Waterway. According to a Soil Survey of Pender County conducted by the U.S. Department of Agriculture, a small part of Pender County includes the Outer Banks. The Outer Banks were formed by the waves, winds, long-shore currents, tides and tidal currents, rivers, creeks that empty into the bays, the sounds and the ocean. The sand ridges of the Outer Banks protect the mainland from wave action and impede tidal action against the mainland shoreline.

Pender County is the 5th largest county in area in the state, approximately 871 square land miles combined with 62 square miles of water. The topography is level to gently rolling, with predominantly flat upland areas. Approximately 62,000 acres of the county are a protected wildlife refuge under the state of North Carolina. The bodies of water in Pender County include the Cape Fear River which played an important role in the development of the county since the American Revolution. The Black River, a tributary of the Cape Fear River is designated as an *Outstanding Resource Water by the North Carolina Division of Water Quality*.¹



¹ The Nature Conservancy. Black River Preserve. Retrieved from: <http://www.nature.org/ourinitiatives/regions/northamerica/unitedstates/northcarolina/placesweprotect/black-river-preserve.xml>

Economy

Pender County is a regional leader in agriculture, livestock, textiles, and manufacturing. The county has a broad, diversified economy and is an excellent choice for many types of enterprises. The Pender Commerce Park on the US 421 corridor in western Pender County is “shovel ready” for new industrial clients and is located 15 miles from the Wilmington International Airport and 15 minutes from the Port of Wilmington. Pender County maintains a progressive and business-friendly approach to assisting companies that invest in the county and its workforce.

As noted, agriculture is a substantial portion of Pender County’s economic base. Products include: blueberries, sweet potatoes, strawberries, tobacco, soybeans, peanuts, corn, and grapes. Pender County also includes Topsail Island, one of North Carolina’s prized beaches, which welcomes approximately 15,000-20,000 visitors each year.

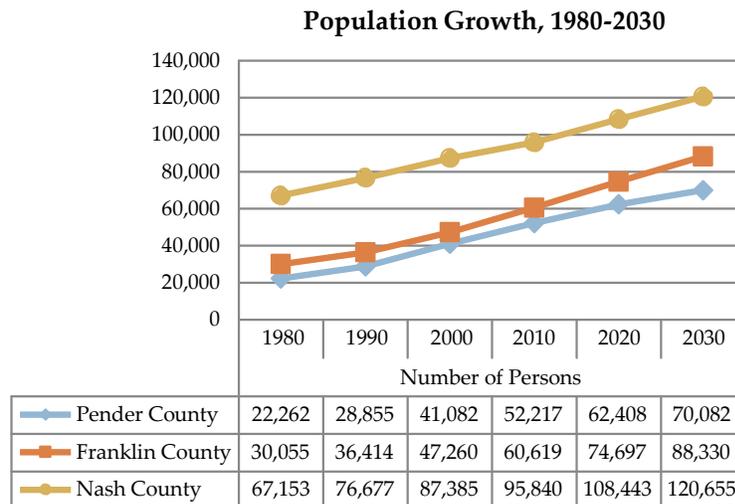


Several corporations are located in Pender County including:

- Wieland (manufacturer of electrical interconnect devices for the automotive industry)
- W.R. Rayson (manufacturer of disposable paper goods)
- Ultrafoam (manufacturer of polyurethane foam for office furniture)
- Chloride Systems (manufacturer of emergency lighting systems)
- RC Creations, LLC (seafood processor)

Demographics

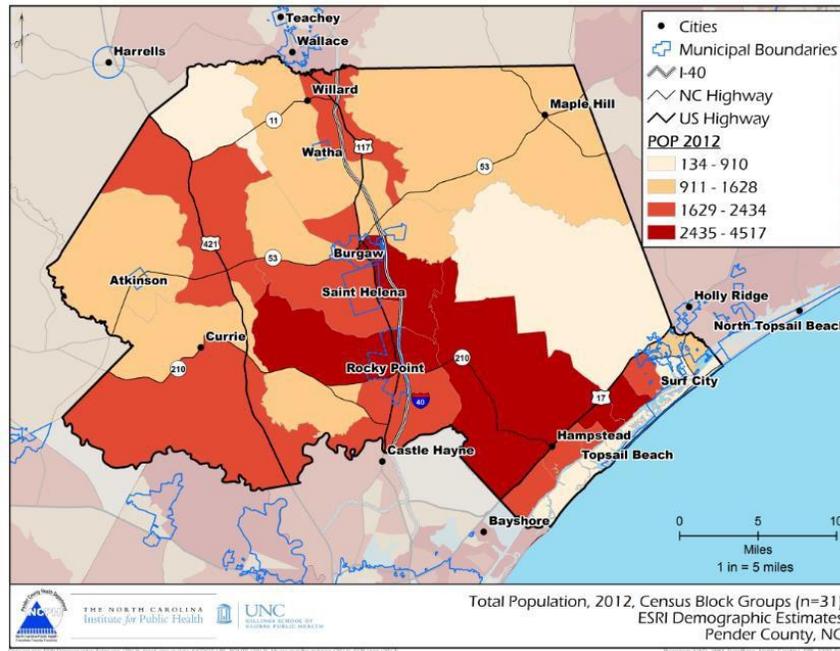
Pender County is home to an estimated 55,334 residents, an increase of 6% or approximately 3,000 residents since the 2010 Census. According to estimates from the NC Office of State Budget and Management, by the year 2020 Pender County’s rate of growth is expected to be greater than 14%. The anticipated population growth for Pender County is higher than peer counties Franklin and Nash. By 2030, the county’s population is projected to be just over 70,000.



Demographics (cont.)

Population concentration is noted in the following map:

Pender County Population by Census Block Groups, 2012



The overall median age of Pender County residents is 41.2 years, with approximately 15% of the population over the age of 65 years. Pender County is slightly older than peer counties Franklin and Nash as well as statewide.

General Demographic Characteristics

Location	Population (2008-2012)	Percent Male	Percent Female	Overall Median Age
Pender County	52,447	50.2	49.8	41.2
Franklin County	60,470	49.7	50.3	39.8
Nash County	95,545	48.2	51.8	40.3
State of NC	9,544,249	48.7	51.3	37.4

Source: US Census Bureau, American Community Survey, Community Facts, ACS Demographic and Housing Estimates 2008-2012.

Approximately 5,000 of Pender County's residents (12.4%) are military veterans, a higher proportion than Franklin and Nash counties or statewide, including the national average. The largest age group among Pender County's veterans is 35-54 year olds (28.6%). As of May 2014, 80.4% of the estimated voting age population of Pender County was registered to vote, a rate lower than Franklin County, Nash County and NC as a whole.

Diversity

According to the U.S. Census, Pender County is 76.3% White/Caucasian, 18.4% Black/African-American, 3.2% Some Other Race, and less than 2% of the population identifying as American Indian/Alaskan Native or Asian/Native Hawaiian and Other Pacific Islander.

Demographics (cont.)

Diversity (cont.)

Population Distribution by Race

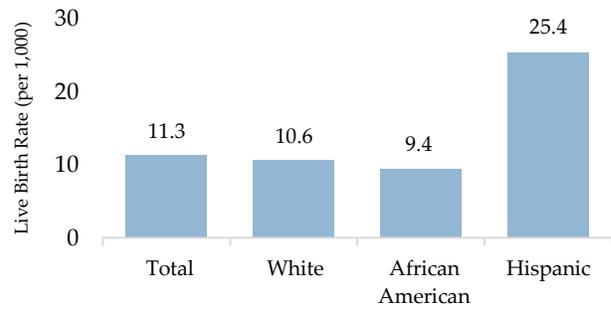
Location	Population	White	Black or African-American	American Indian and Alaskan Native	Asian, Native Hawaiian, Other Pacific Islander	Some Other Race	Two or More Races
Pender County	52,447	76.3%	17.8%	0.4%	0.5%	3.2%	1.3%
Franklin County	60,470	67.1%	25.8%	0.7%	0.5%	3.9%	2.1%
Nash County	95,545	56.3%	37.1%	0.5%	0.8%	3.0%	2.3%
State of NC	9,544,249	69.8%	21.4%	1.2%	2.2%	3.2%	2.1%

Source: US Census Bureau, American Community Survey, Community Facts, ACS Demographic and Housing Estimates 2008-2012.

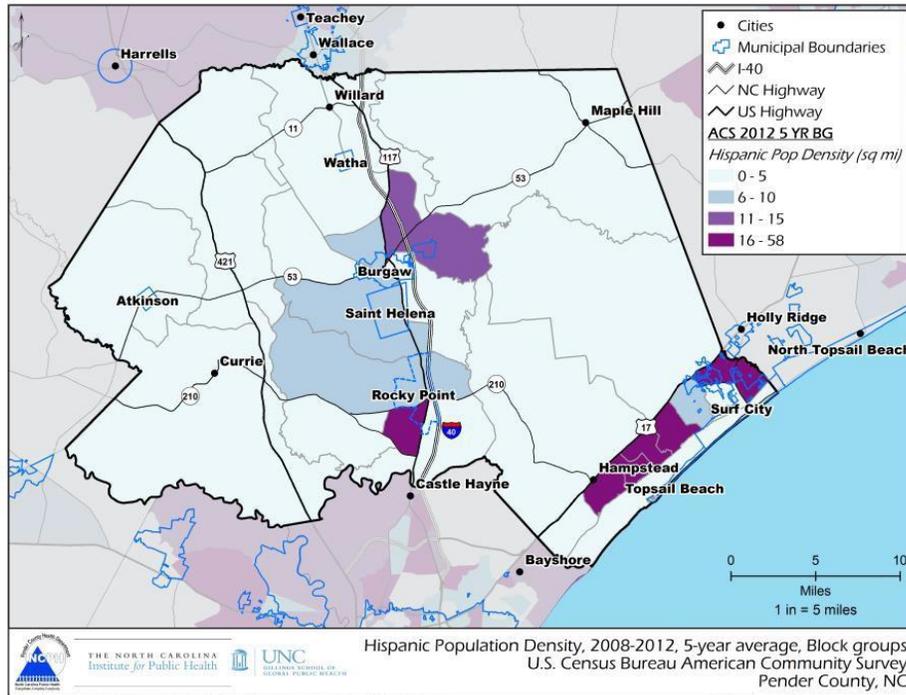
Nearly 6.3% of the population in Pender County is Hispanic or Latino, compared to Franklin County 7.9%, Nash County 6.3%, and statewide 8.4%. The density of the Hispanic/Latino population is primarily concentrated in Burgaw, Rocky Point, and Hampstead areas.

The majority of households in Pender County (94%) speak English as a primary language. Among the 1,229 non-English speaking residents, the vast majority (93%) of the linguistically isolated households are Spanish-speaking.

Birth Rates by Race/Ethnicity, Pender County, 2008-2012



Hispanic/Latino Population Density by Census Block Groups, Pender County, 2008-2012



Demographics (cont.)

Summary Demographic Profile of Pender County

	2008-2012 Census Estimates		2000 Census		Percent Change
	Counts	Percent	Counts	Percent	
Total Population	52,447	100%	41,082	100%	27.7%
American Indian/Alaska native	202	0.4%	201	0.5%	0.5%
Asian	237	0.4%	74	0.2%	220%
Black or African American	9,637	17.8%	9,689	24%	-0.5%
Native Hawaiian/Other Pacific	8	0.03%	14	0.03%	-43%
Some other race	1,694	3.2%	834	2%	103%
Two or more races	656	1.3%	388	0.9%	69%
White	40,013	76.3%	29,882	72.7%	34%
Hispanic or Latino Origin	3,176	6.1%	1,496	3.6%	112%
Male	26,307	50.2%	20,419	50%	29%
Female	26,140	49.8%	20,663	50%	27%
Persons 0-17 years	11,916	22.7%	9,527	23.2%	25%
Persons 18 to 64 years	32,509	62.0%	25,775	62.7%	26%
Persons 65 years and over	8,022	15.3%	5,780	14.1%	39%

Sources: US Census Bureau, American Fact Finder, 2000 Census, and 2008-2012 American Community Survey.
Note: Percentages were rounded.

Social Determinants of Health

Social determinants of health are important because health is influenced not only by behavior and access to care, but also social and economic characteristics.² Poverty, education level, and housing are three important social determinants of health strongly tied to individual health. Residents with higher incomes, more years of education, and that live in a healthy and safe environment have better health outcomes and generally have longer life expectancies.³

Education

Approximately 86% of Pender County residents have at least a high school education, with nearly 20% having a bachelor's degree or higher, a proportion higher than in Franklin County (15.5%) or Nash County (18.9%) yet lower than in NC as a whole (26.8%).

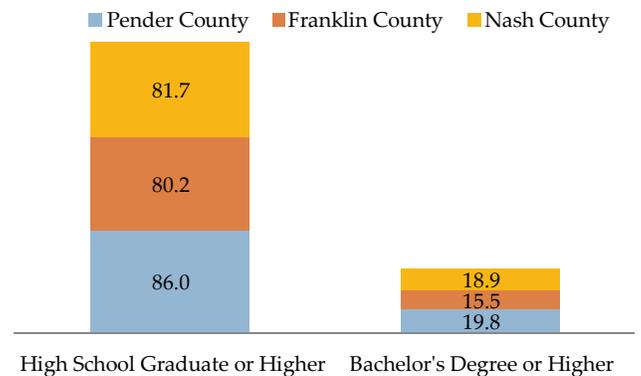
School enrollment in Pender County has increased slightly each year since 2009-10.

What Are Social Determinants of Health?

Social determinants of health are the circumstances in which people are born, grow up, live, work, and age; as well as the systems put into place to deal with illness.

Source: World Health Organization

Educational Attainment, 2008-12



² US Department of Health and Human Services. Healthy People 2020.

³ NC Institute of Medicine. Healthy North Carolina 2020: A Better State of Health. Morrisville, NC: NC Institute of Medicine; 2011.

Social Determinants of Health (cont.)

Education (cont.)

There are sixteen schools in Pender County: 8 elementary schools, 4 middle schools and 3 high schools, and one early college program.

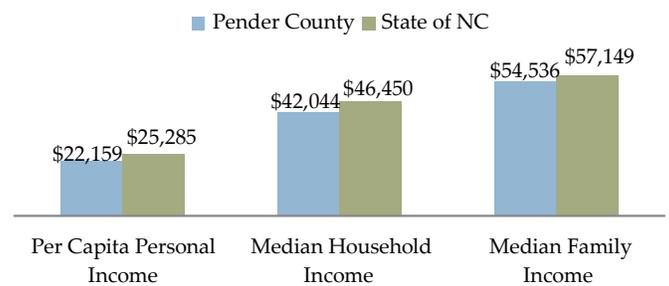
Topsail High is the largest school in the district, with almost twice as many students (1,129) as Heide Trask High (646) or Pender High (592). In 2012-13, the average total SAT score for Pender County students was 983, compared to Franklin County (981), Nash County (921), and 1010 statewide. The high school drop-out rate has declined overall in Pender County from 3.1 in 2004-05 to 1.31 in 2012-13. In 2012-13, there were 53 high school dropouts. Sixty percent of the high school dropouts were males and 76% of the dropouts were Caucasian.

Pender County is home to a satellite campus of Cape Fear Community College which is located in Burgaw. Another satellite campus will be located in Surf City and is currently in the construction phase. These facilities afford residents the opportunity to complete basic education requirements as well as help to promote lifelong learning for adults.

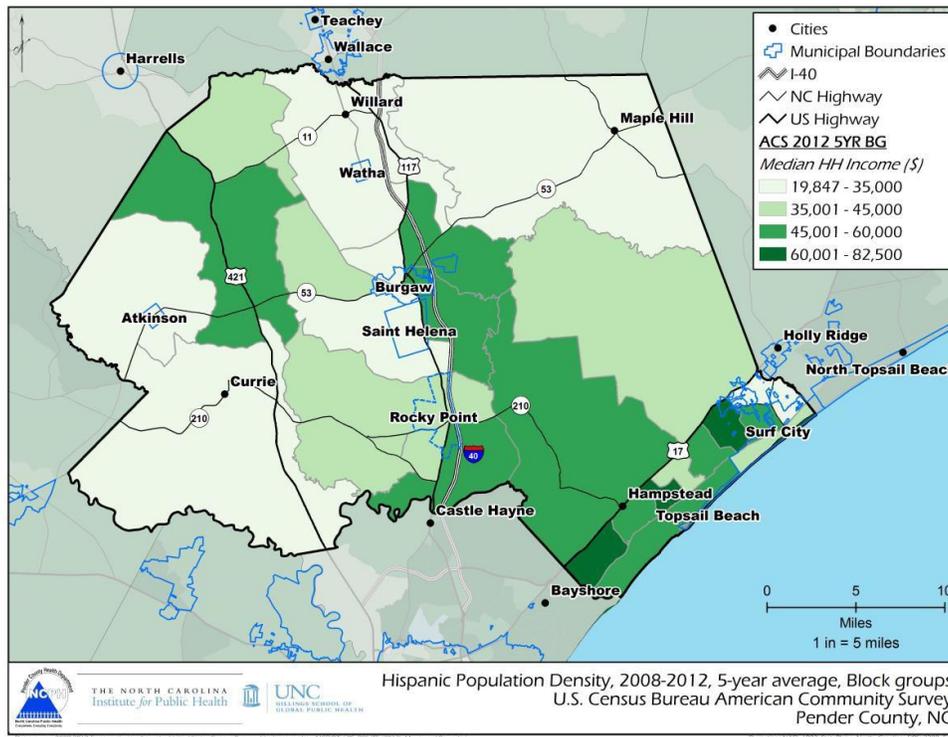
Income and Employment

In 2013, the per capita personal income for a Pender County resident was \$22,159. This was \$3,000 lower than the average NC resident. In addition, the estimated median household income of \$42,044 was lower than the state median. Pender County residents earn more in all categories of income than Franklin County residents but less than the residents of Nash County.

Income Comparisons, 2011-2013



Median Income by Census Block Groups, Pender County, 2008-2012

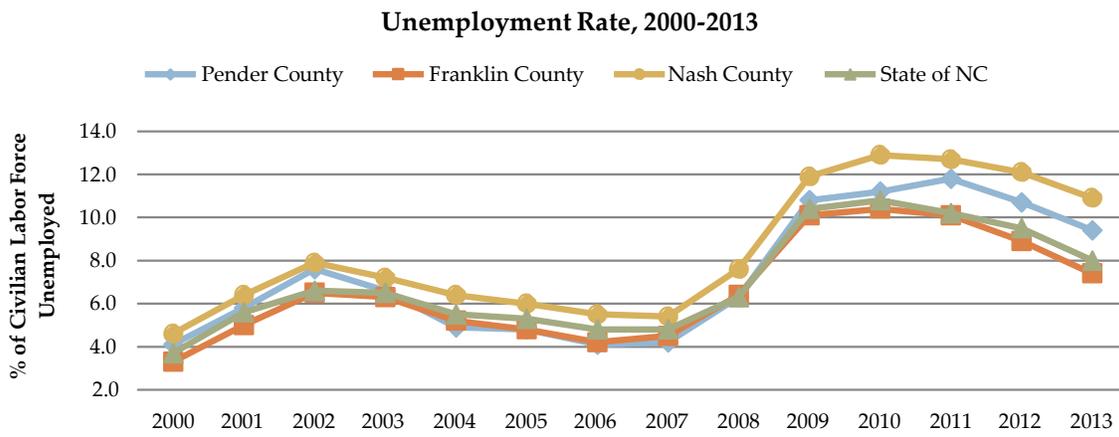


Social Determinants of Health (cont.)

Income and Employment (cont.)

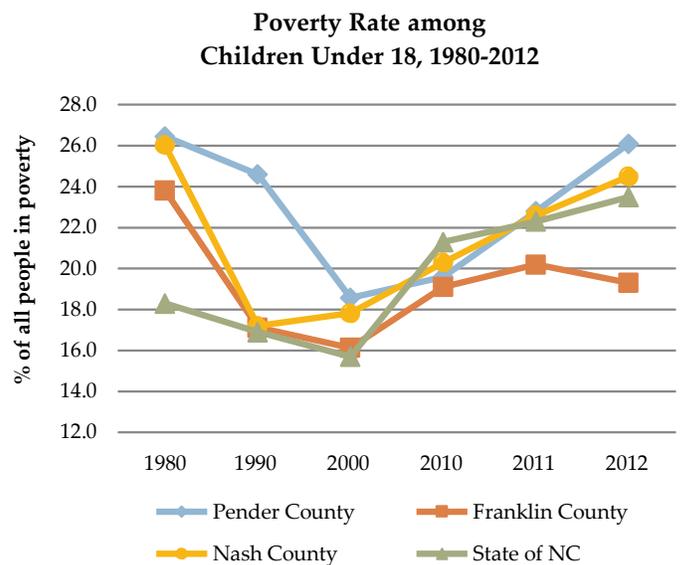
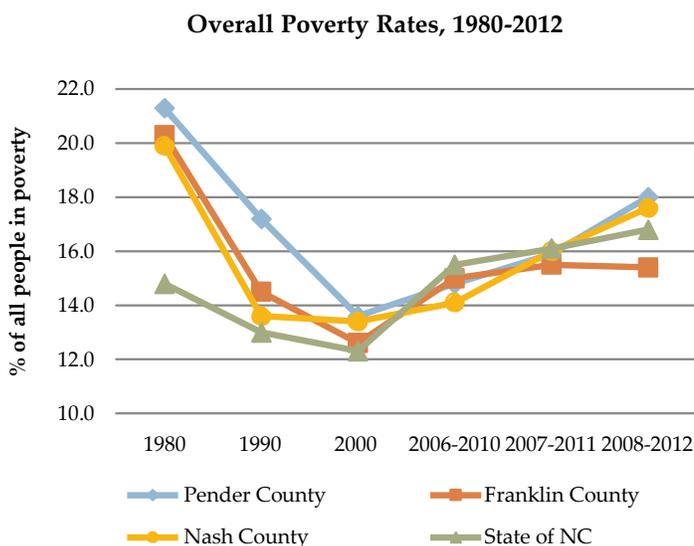
Nearly 60% of the working population commutes outside the county, more than double the state percentage of 25.5%. The largest employment sectors within Pender County are health care/social assistance and retail trade, each employing 14% of working residents, followed by accommodation/food service (13%). The largest employer is the Pender County Board of Education, with more than a thousand employees. County government and Pender Memorial Hospital each employ between 250 and 499 people. In 2012, there were 1,518 migrant and seasonal farm workers in Pender County according to the Agricultural Employment Services.

After peaking at 11.8% in 2011, the unemployment rate in Pender County has decreased in subsequent years following statewide trends. In 2013, the unemployment rate had decreased to 9.4%.



Poverty

After reaching a low of 13.6% in 2000, the Pender County poverty rate increased to 18% in 2008-2012. In the most recent period provided, the Pender County poverty rate was higher than Franklin or Nash counties. The percent of poverty among African American residents (34.5%) is more than double the poverty rate among White residents (13.6%) in Pender County. The poverty rate among all children (under 18) in Pender County was 26.1%, compared to 23.5% statewide.



Social Determinants of Health (cont.)

Poverty (cont.)

Work First provides parents short-term training, child care assistance, and other services to help them become employed and self-sufficient. The number of Work First Family Assistance cases has decreased overall since 2010. By the end of 2013, DSS handled 114 cases, an average of 16 per month. The number of households and individuals receiving Food and Nutrition Services (FNS) has seen an overall increase since 2010. FNS is a federal food program for low-income families with the goal to increase food security and reduce hunger. In 2013, Pender County DSS issued more than \$13.5 million in FNS benefits.

Economic Assistance Services in Pender County, 2010-2013

Assistance Program	2010	2011	2012	2013
Number of Workfirst Family Assistance (WFFA) cases¹	132	112	117	114
Avg. Monthly Number of Households Receiving WFFA	28	19	17	16
One-parent household ¹	1	1	1	1
Two-parent household ¹	233	196	208	180
Avg. Monthly WFFA Grant ¹	\$181	\$181	\$181	\$181
Number of Food and Nutrition Services (FNS) Applications²	2,844	3,110	3,177	2,992
Avg. Monthly Number of Households Receiving FNS ¹	3,532	4,125	4,348	4,293
Avg. Monthly Number of Individuals Receiving FNS ¹	7,212	8,284	8,572	9,325
Total FNS benefits issued ²	\$10,276,355	\$12,892,504	\$11,059,002	\$13,679,824
Median Monthly Total FNS Benefits Issued ¹	\$770,726	\$1,074,375	\$1,105,900	\$1,139,818

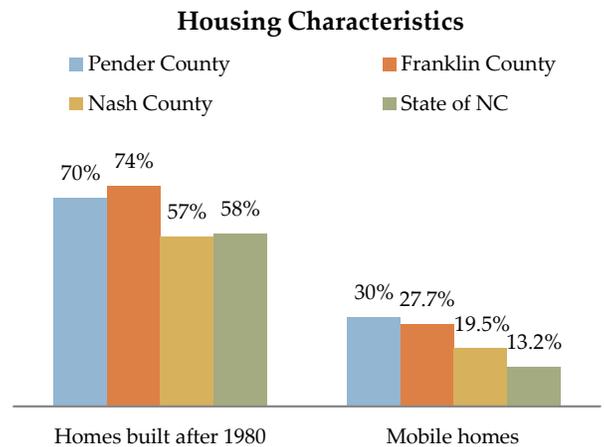
Source: Pender County Department of Social Services.

Housing

According to the 2010 Census, there were 26,670 housing units in Pender County. Vacant units comprised 24% of the available housing, which was greater than the number of vacant housing units in Franklin (12%) and Nash counties (11%). Seventy-eight percent of occupied housing in Pender County is owner occupied and 22% of residents rent their homes. Nearly half of the renters in Pender County expend at least 30% of the household's income for rent.

Approximately 30% of all housing units in the county are mobile homes, a higher percentage than Franklin (27.7%), Nash County (19%), and NC (13.9%). Seventy percent of all Pender County housing has been built after 1980, and more than 99% of homes have indoor plumbing.

While it is difficult to determine the degree of homelessness in Pender County, a 2014 point-in-time homeless report identified 3 documented homeless persons living in cars, wooded areas, or other places. This does not include anyone residing in an emergency shelter or transitional housing.



Social Determinants of Health (cont.)

Families

In 2010, approximately 61.6% of Pender County children under the age of 18 were living with both parents. In addition, 18.5% of Pender County families with children were run by single females and 7% were run by single males. In 2012, 1,260 grandparents in Pender County were providing homes for their own grandchildren, with 58% financially responsible for those grandchildren. In addition, according to the 2014 Pender County community health opinion survey (CHOS), 27% of respondents provide some care for a family member/friend with a disability or long-term illness.

In 2012-2013, approximately 38% of children in Pender County entering child welfare custody were initially placed with a relative while around 19% were placed in a foster home. The percent of children initially placed in foster homes has decreased by half since 2010-2011.

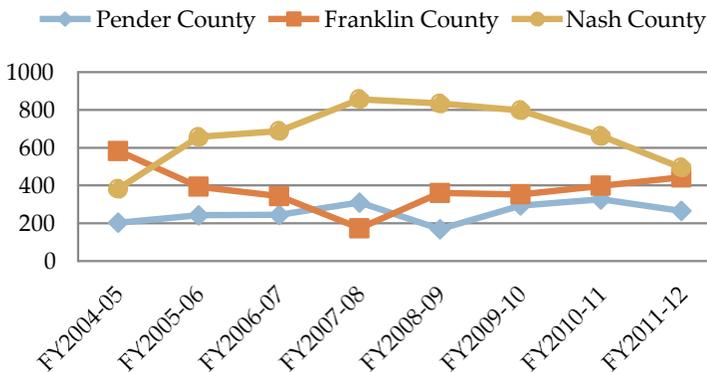
Children Entering Child Welfare Custody, Pender County, 2008-2013

	FY2008-09	FY2009-10	FY2010-11	FY2011-12	FY2012-13
Number of Children	23	27	25	14	16
Median # of Days in Custody	678	436	381	405.5	N/A
% Initially Placed with a relative	43.5	48.2	40.0	28.6	37.5
% Initially placed in a Foster Home	8.7	18.52	56	42.86	18.75

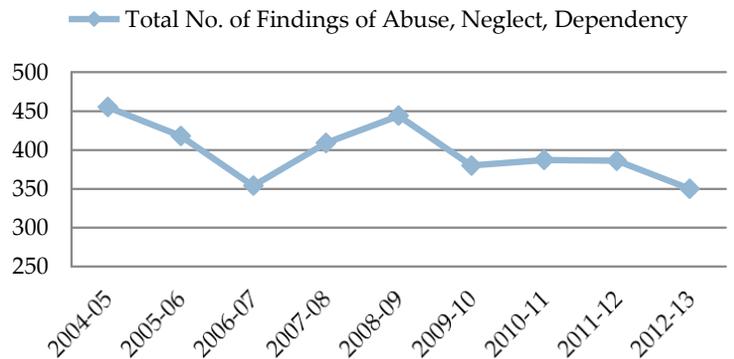
Source: Pender County Department of Social Services.

The number of domestic violence complaints has increased overall in Pender County from 26 in FY2004-05 to 54 in FY2011-12. For child abuse reports, the total number has decreased overall in Pender County, from 455 reports to 350 in 2012-13. In 2012-13, there were 120 reports of adult abuse in Pender County. Safe Haven of Pender County, the county's domestic violence shelter, sheltered 97 clients in 2013, down from 108 in 2012 and 119 in 2011.

Number of Individuals Filing Domestic Violence Complaints, 2004-2012



Total Number of Findings of Child Abuse, Pender County, 2004-2013



Crime and Violence

In 2012, 2,058 crimes were committed per 100,000 people in Pender County, a decrease of 39% from a high point of 3,388 in 2008. There were 1,822 property crimes in 2012 and the violent crime rate was 236.

A total of 1,098 index crimes (the most serious category of crimes) were reported in 2012 in Pender County, the highest number since 2008, including 1 murder, 12 cases of rape, 14 robberies, and 99 classified as aggravated assault.

CHAPTER 3 | CHA FINDINGS

The Pender County Community Health Assessment (CHA) process includes collecting existing health statistics in addition to conducting a community health opinion survey with the overall goal of capturing the health status, needs, and resources of Pender County. This chapter highlights key findings from the assessment, including indicators identified as a community concern, target gaps with Healthy NC 2020 objectives, comparison gaps with state and/or peer counties, emerging trends, and disparities.

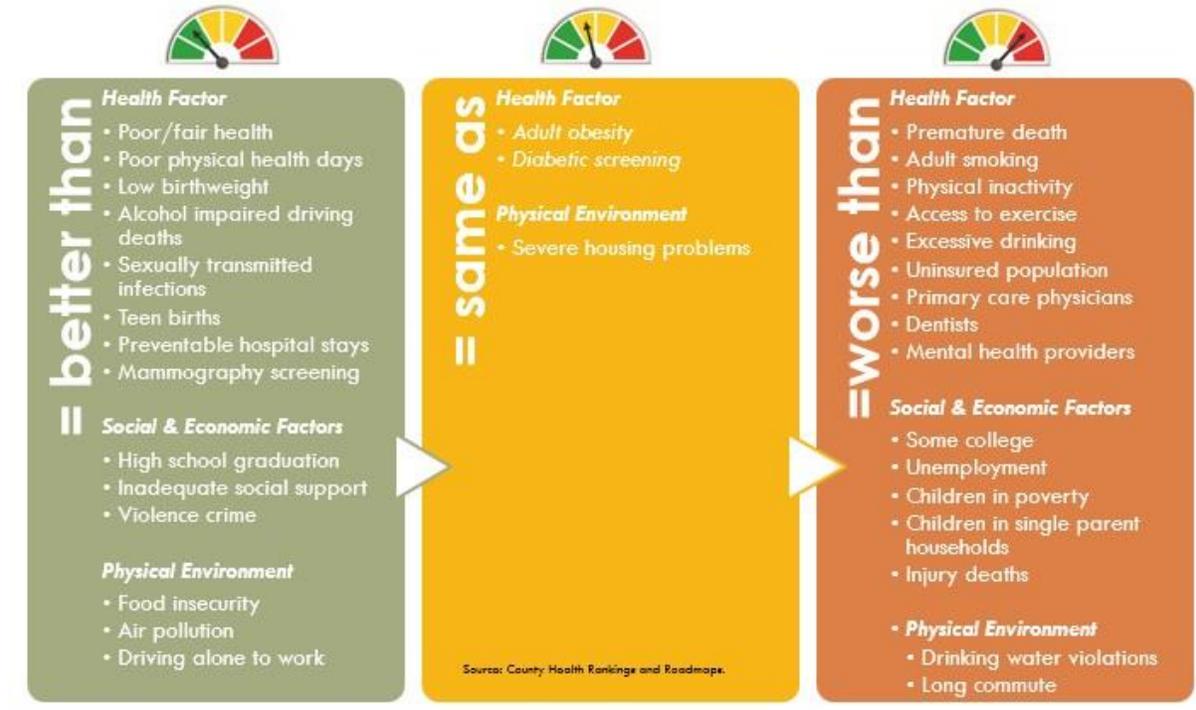
Hundreds of social, environmental, and health data indicators were collected for Pender County as part of this process. Data tables (and sources) of those results are provided in the Appendix of this report.



Health Rankings

The 2013 *County Health Rankings* ranks North Carolina counties according to their summary measures of health outcomes and health factors. Such measures include mortality, morbidity, health behaviors, clinical care, social/economic, and the physical environment. According to the 2013 County Health Rankings, Pender County ranked 25th healthiest out of the 100 counties in North Carolina. When comparing various Pender County factors with the statewide average, Pender County results are reflected below.

Pender County Comparisons with North Carolina Average, 2013



Health Rankings (cont.)

Below is a table showing the 2013 *County Health Rankings* summary measures of health outcomes and factors for Pender County, Franklin County, Nash County, North Carolina, and *Healthy NC 2020* benchmarks, as available.

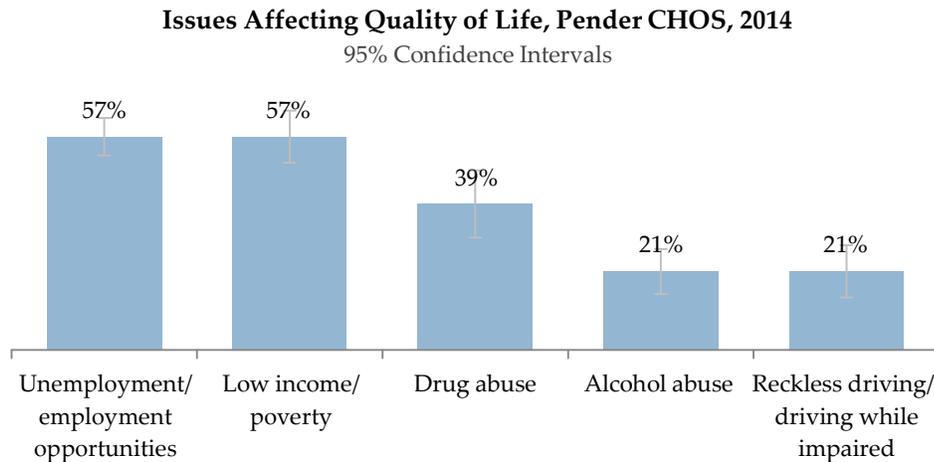
County Health Rankings Details, 2014

Health Factor	Pender	Franklin	Nash	NC	Healthy NC 2020
Health Outcomes: Mortality					
Premature death per 100,000	51	34	75	7,480	N/A
Suicide rate per 100,000 ¹	15.1	15.7	11.1	12.2	8.3
Health Outcomes: Morbidity					
Poor or fair health (<i>regional data</i>)	15%	17%	20%	18%	9.9%
Poor physical health days (<i>regional data</i>)	3.0%	4.4%	2.9%	3.6%	N/A
Poor mental health days (<i>regional data</i>)	2.7%	4.4%	3.1%	3.4%	2.8%
Low birth weight ¹	7.4%	8.9%	9.8%	9.0%	N/A
Health Factors: Health Behaviors					
Adult smoking (<i>regional data</i>)	28%	27%	22%	20%	13%
Adult obesity (<i>regional data</i>)	29%	33%	33%	29%	N/A
Physical inactivity (<i>regional data</i>)	27%	29%	30%	25%	N/A
Food Environment Index (out of 10)	7.4	7.6	6.4	6.9	N/A
Excessive drinking, 2005-2011	18%	17%	15%	13%	N/A
Motor vehicle crash death rate per 100,000 ¹	23.4	18.4	19.2	14.3	N/A
Chlamydia infections per 100,000 ²	249.1	408.9	613.8	524.1	N/A
Teen birth rate per 1,000	41	44	51	44	N/A
Health Factors: Clinical Care					
Uninsured	20%	21%	18%	19%	8%
Primary Care physicians ratio	3141:1	5095:1	1657:1	1462:1	N/A
Preventable hospital stays per 1,000	59	65	66	60	N/A
Diabetic screening	88%	88%	91%	88%	N/A
Mammography screening	71%	67%	69%	68%	N/A
Social & Economic Factors					
High school graduation	82%	79%	75%	79%	94.6%
Some college	59%	51%	54%	63%	N/A
Unemployment	10.8%	9.0%	12.0%	9.5%	N/A
Children in poverty	27%	24%	29%	26%	N/A
Inadequate social support	17%	26%	23%	21%	N/A
Children in single-parent households	41%	26%	42%	36%	N/A
Violent crime rate per 100,000	318	146	577	372	N/A
Physical Environment					
Air pollution-particulate matter days	11.9	12.1	12	12.3	N/A
Drinking water violations	17%	7%	2%	2%	N/A
Severe housing problems	16%	17%	14%	16%	N/A
Driving alone to work	79%	82%	84%	81%	N/A
Long commute-driving alone	42%	53%	24%	30%	N/A
Sources: <i>County Health Rankings and Roadmaps</i> , 2014. University of Wisconsin Population Health Institute.					
¹ NC State Center for Health Statistics, County Data Book, 2008-2012.					
² NC DHHS, Division of Public Health, Epidemiology Section, Communicable Disease Branch. Facts and Figures, Annual Reports. North Carolina 2012. Chlamydia rates per 100,000.					

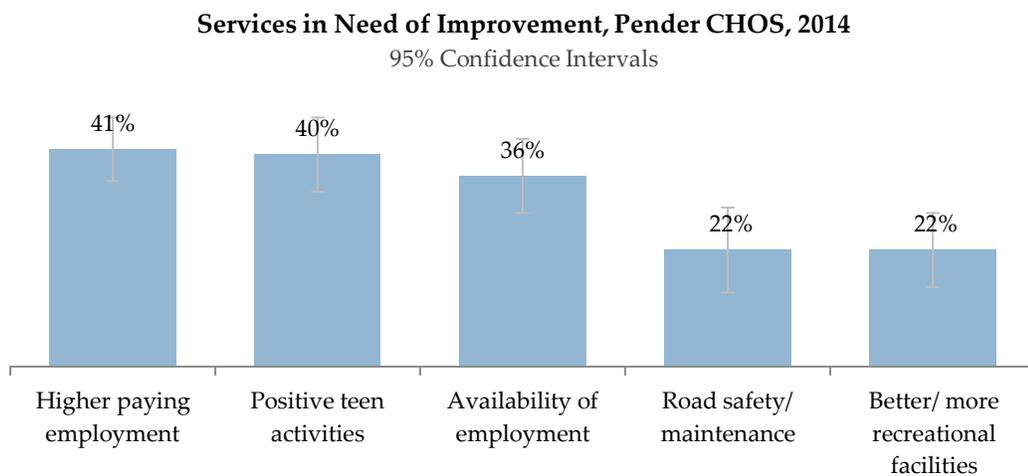
Quality of Life

According to the 2014 Pender County community health opinion survey (CHOS), 89% of residents felt that Pender County is a good place to raise children and 89% also felt that Pender County is a good place to grow old.

Survey respondents identified unemployment/employment opportunities as the top issue affecting the quality of life of Pender County, followed by low income/poverty, drug and alcohol abuse, and reckless driving/driving while impaired.



Survey respondents also identified areas in need of improvement in Pender County: higher paying employment, positive teen activities, availability of employment, road safety/maintenance, and better/more recreational facilities.



Self-Reported Health Status

Self-assessed health status is a measure of how an individual perceives his or her health, rating it as excellent, very good, good, fair, or poor. Self-assessed health status has been validated as a useful indicator of health for a variety of populations and allows for broad comparisons across different conditions and populations.⁴

According to the 2014 CHOS, 36% of residents reported their health to be fair or poor.

- The *Healthy NC 2020* target is to reduce the percent of adults reporting fair or poor health to 9.9%.

**Self-Reported Health Status
Pender CHOS, 2014**



Maternal and Infant Health

The well-being of mothers, infants, and children determines the health of the next generation and can help predict future public health challenges for families, communities, and the health care system⁴.

Pregnancies and Births

From 2008-2012, there were 2,958 babies born to residents of Pender County. Among all women in Pender County of child-bearing age (ages 15-44), the pregnancy rate increased from 68.7 in 2008 to 71.5 in 2012.

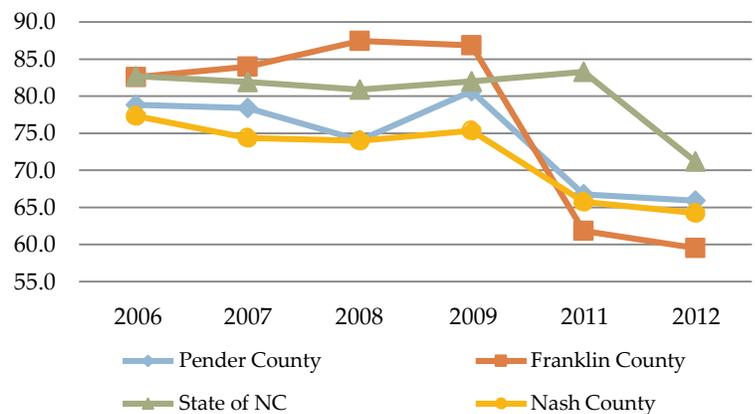
There were 53 teen pregnancies in Pender County for 2012. The teen pregnancy rate in Pender County has declined from 49.7 in 2008 to 32.7 in 2012. Seventy percent or 37 teens were ages 18-19 years and 30% or 16 teens were ages 15-17 years.

The percent of women in Pender County who received prenatal care in the first trimester of pregnancy dropped 18%, from 81% in 2009 to 66% in 2012. The percentage of women receiving prenatal care in the first trimester has been lower than the state rate since 2006.

Mothers who smoked during pregnancy has decreased to 9.2% in 2012, compared to 14.4% in Franklin County, 13.8% in Nash County and 10.6% statewide.

- The *Healthy NC 2020* target is to reduce the percentage of mothers smoking during pregnancy to 6.8%

Percent of Women Receiving Prenatal Care in 1st Trimester, 2006-2012



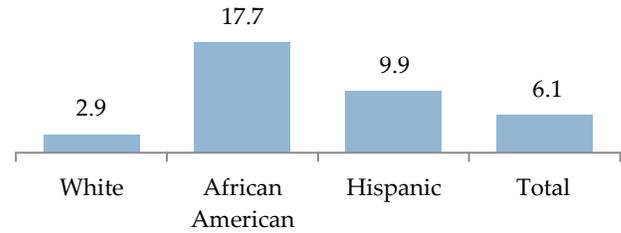
⁴ US Department of Health and Human Services. Healthy People 2020.

Maternal and Infant Health (cont.)

Low Birthweight and Infant Mortality

The percent of low weight births (under 5.5lbs) in Pender County decreased slightly from 8% in 2006-2010 to 7.4% in 2008-2012. Overall, the infant mortality rate in Pender County was 6.1 per 1,000 live births from 2008-2012, which is lower than Franklin County, Nash County, and the state. However, the infant mortality rate among African Americans in Pender County (17.7 per 1,000) is 5 times higher than the rate among whites (2.9 per 1,000).

Racial Disparities, Infant Mortality
Pender County, 2008-12 (rate per 1,000)



Life Expectancy and Leading Causes of Death

According to the NC State Center for Health Statistics, the life expectancy at birth for a Pender County resident using the 2011-2013 reference period was 78.4 years. Life expectancy for Franklin County residents 77.6 years, Nash County residents 76.5, and 78.2 years statewide. The life expectancy for African Americans in Pender County was 75.2 years, which is 5% lower than the life expectancy for white residents during that same time period (79.1 years).

The *Healthy NC 2020* target is to increase the average life expectancy to 79.5 years.

Overall Age-Adjusted Mortality Rates for Leading Causes of Death, 2008-2012

Rank / Cause of Death	Pender County	Franklin County	Nash County	State of NC	US (2011)
1. Cancer	180.7	182.8	189.5	175.9	168.6
<i>Trachea, Bronchus and Lung</i>	57.5	59.8	56.8	52.8	45.9
<i>Prostate</i>	23.0	22.3	24.2	23.4	8.3 ²
<i>Female Breast</i>	18.1	22.0	26.4	22.2	12.0 ²
<i>Colon, Rectum, and Anus</i>	15.5	15.8	19.4	14.9	15.3
<i>Pancreas</i>	11.3	11.6	10.5	10.4	10.9
2. Diseases of the Heart	147.3	165.6	193.1	174.4	173.7
3. Cerebrovascular Disease	42.3	39.9	51.5	45.1	37.9
4. Chronic Lower Respiratory Disease	41.4	50.8	49.3	46.6	42.7
5. All Other Unintentional Injuries	30.7	25.8	23.6	29.4	38.0
6. Diabetes Mellitus	26.8	23.1	24.8	21.8	21.5
7. Unintentional Motor Vehicle Injuries	23.4	18.4	19.2	14.3	10.9
8. Nephritis, Nephrotic Syndrome, and Nephrosis	20.5	18.0	26.9	18.0	13.4
9. Pneumonia and Influenza	15.5	24.0	28.5	18.0	15.7
10. Suicide	15.1	15.7	11.1	12.2	12.0
11. Septicemia	14.7	17.2	14.2	13.4	10.5
12. Alzheimer's Disease	13.9	15.1	19.8	29.3	24.6
13. Chronic Liver Disease and Cirrhosis	6.9	13.1	10.3	9.3	9.7
14. Homicide	2.8	4.5	11.8	6.0	5.2
15. Acquired Immune Deficiency Syndrome	2.3	2.4	4.8	3.1	2.4
Total Deaths All Causes (<i>some causes are not listed above</i>)	770.7	785.1	894.1	800.6	740.6

Source: NC State Center for Health Statistics, County Health Data Book (2014), Mortality, 2008-2012 Race-Specific and Sex-Specific Age-Adjusted Death Rates by County. US data from the National Center for Health Statistics, National Vital Statistics Reports, Volume 61, Number 6 (October 10, 2012). Note: Rate equals the number of events per 100,000 population; standard year is the 2000 US population.

Life Expectancy and Leading Causes of Death (cont.)

Cancer is the leading cause of death for residents in Pender County, Franklin County, and statewide. Nationally and in Nash County, heart disease is the leading cause of death. Compared to NC, Pender County has **higher** mortality rates for:

Higher Age-Adjusted Mortality Rates for Pender County, 2008-2012

Disease	Pender County	State of NC
Cancer	180.7	175.9
All Other Unintentional Injuries	30.7	29.4
Diabetes Mellitus	26.8	21.8
Unintentional Motor Vehicle Injuries	23.4	14.3
Kidney Disease (Nephritis, Nephrotic Syndrome, and Nephrosis)	20.5	18.0
Suicide	15.1	12.2
Septicemia	14.7	13.4

Source: NC State Center for Health Statistics, County Health Data Book (2014), Mortality, 2008-2012 Race-Specific and Sex-Specific Age-Adjusted Death Rates by County

Hospital Discharges for Top 3 Leading Causes of Death, Pender County, 2012

Cancer: 166 hospitalizations, average stay of 6.7 days, \$47,643 average charge per case

Heart Disease: 690 hospitalizations, average stay of 4.7 days, \$43,295 average charge per case

Stroke: 200 hospitalizations, average stay of 5.4 days, \$33,529 average charge per case

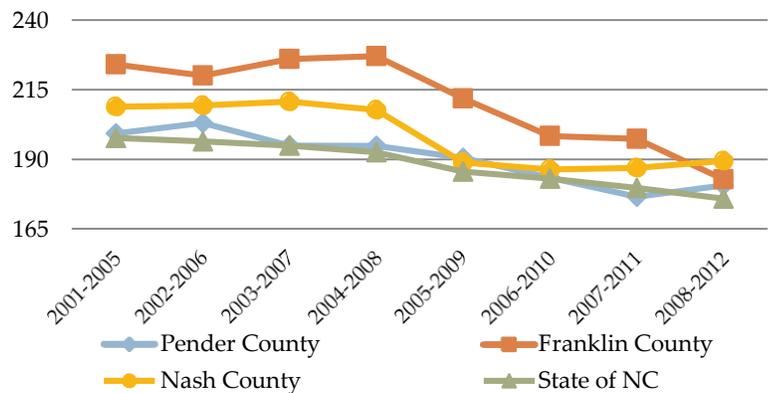
Source: NC State Center for Health Statistics, County Health Data Books (2008-2014), Inpatient Hospital Utilization and Charges by Principal Diagnosis.

Cancer

The overall cancer mortality rate per 100,000 in Pender County has declined 12.4% since 2002. From 2001 to 2012, there has been a decrease in lung, prostate, and breast cancer mortality in Pender County, while colon cancer mortality remained stable and pancreatic cancer increased.

The cancer mortality rate for African Americans from 2008-2012 was 193.7 compared to the overall county rate of 180.7. Among Pender County White males, the cancer mortality rate was 269.0, which is 49% higher than the overall cancer mortality rate.

Total Cancer Mortality Rate Trend, 2001-2012



Life Expectancy and Leading Causes of Death (cont.)

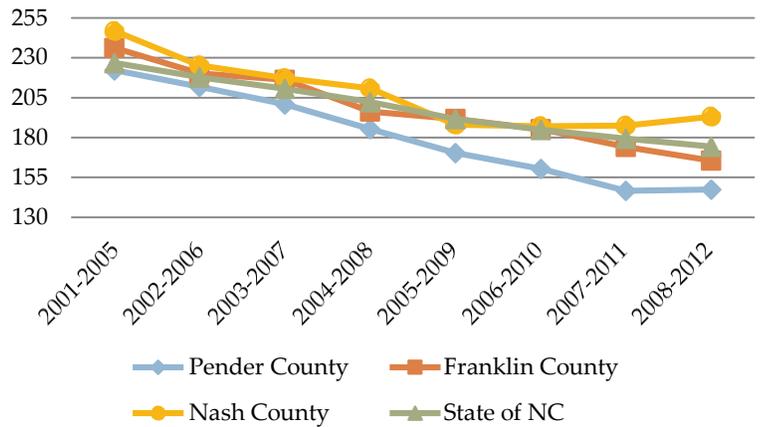
Heart Disease

Heart disease mortality rates in Pender County have decreased 34%. From 2008-2012, the rate was 147.3 which was 15% lower than the statewide rate (174.4).

- The *Healthy NC 2020* target is to reduce the cardiovascular disease mortality rate (per 100,000) population to 161.5.

The heart disease mortality rate for African Americans in Pender County was 148.6, compared to 152 for Whites. Among males, the mortality rate was 35% higher than the rate for females.

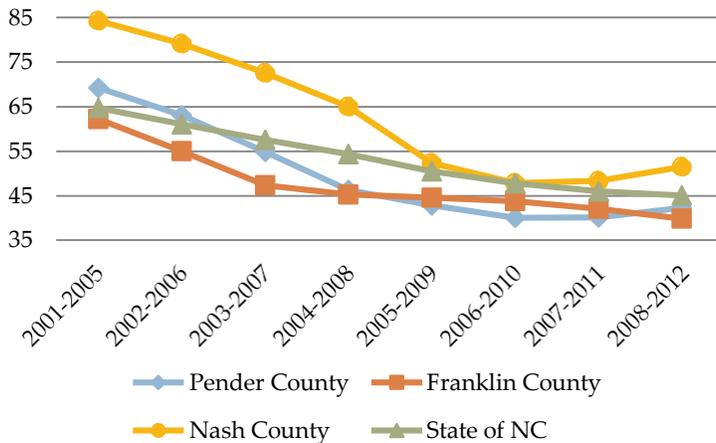
Heart Disease Mortality Rate Trend, 2001-2012



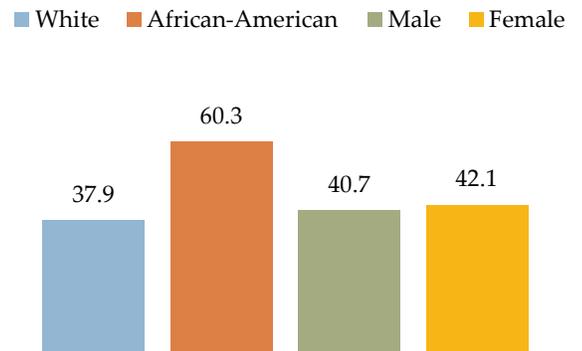
Stroke

Stroke mortality rates per 100,000 have decreased 39% in Pender County since 2001-2005, from a high of 69.2 to 42.3 in 2008-2012. From 2008-2012, the stroke mortality rate was 37% higher among African-Americans (60.3) in Pender County compared to Whites (37.9). In addition, females had a higher rate (42.7) than males (40.7).

Stroke Mortality Rate Trend, 2001-2012



Disparities in Stroke Mortality Rates, Pender County, 2008-2012



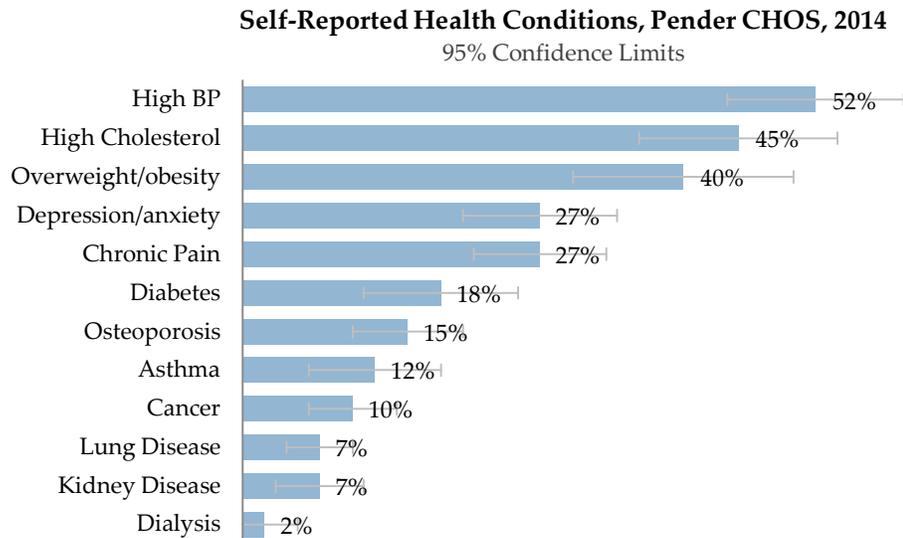
Chronic Diseases and Health Behaviors

Nationally, 75% of health care dollars goes to treatment of chronic diseases, or persistent conditions that are the leading causes of death and disability.⁵ Although genetics and other factors contribute to the development of these chronic health conditions, individual behaviors play a major role.⁶ In the 2014 CHOS, respondents were asked if a health professional had ever diagnosed them with certain health conditions. The top three leading conditions that residents self-reported were high blood pressure (BP), high cholesterol, and overweight/obesity.

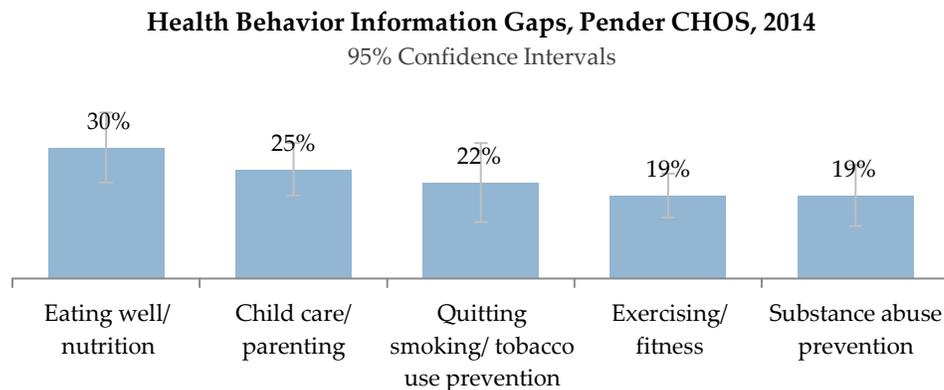
⁵ CDC. Chronic Disease Prevention and Health Promotion. <http://www.cdc.gov/chronicdisease>.

⁶ NC Institute of Medicine. *Healthy North Carolina 2020: A Better State of Health*. Morrisville, NC: NC Institute of Medicine; 2011.

Chronic Diseases and Health Behaviors (cont.)



In the 2014 CHOS, residents were also asked about health behavior issues that they felt the community needed more information about. The top 3 health behavior “gaps” were eating well/nutrition, childcare/parenting, and quitting smoking.



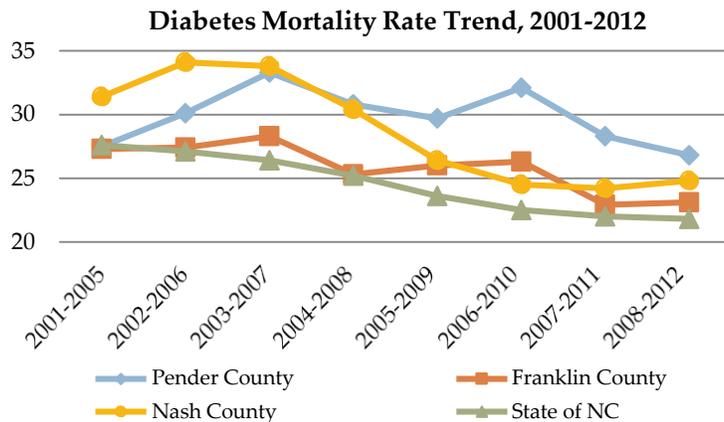
Diabetes

According to the Pender County CHOS, 18.5% of adults have diabetes. The *Healthy NC 2020* target is to reduce the diabetes prevalence to 8.6%.

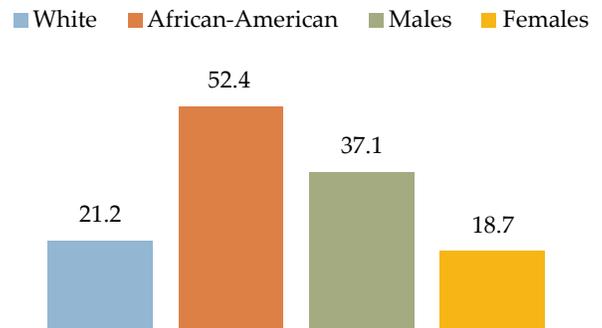
From 2008-2012, the Pender County diabetes death rate (26.8 per 100,000) was 23% higher than the state rate (21.8). The diabetes death rate among African Americans in Pender County (52.4) is double the rate among White residents (21.2). In addition, the diabetes death rate among males in Pender County increased 83%, from 20.3 in 2001-2005 to 37.1 in 2008-2012.

Chronic Diseases and Health Behaviors (cont.)

Diabetes (cont.)



Racial and Gender Disparities in Diabetes Death Rates, Pender County, 2008-2012

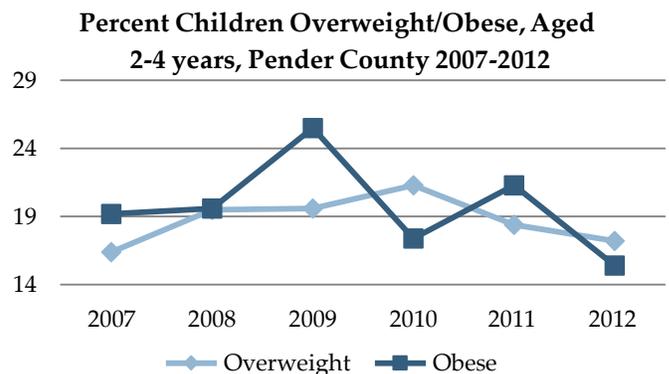


Tobacco Use

Tobacco use is the leading cause of preventable death in North Carolina, where approximately 30% of all cancer deaths and nearly 90% of lung cancer deaths are caused by smoking.⁷ According to the 2014 Pender County CHOS, 1 in 4 residents (25%) smoke. Of those who smoke, 8% did not know where to go for quitting. Quitting tobacco was the #3 issue surveyed residents wanted more information about. The *Healthy NC 2020* target is to reduce smoking to 13%.

Overweight and Obesity

According to the 2014 CHOS, 40% of adults surveyed were told by a health professional that they were overweight or obese. The prevalence of obesity among Pender County children aged 2-4 increased dramatically between 2007 and 2009 but has since declined overall: from 25.5% in 2005 to 15.4% in 2012. A higher percentage of 2-4 year olds in Pender County are obese compared to NC (14.5%) and Franklin County (14.6%).



Physical Activity

Per the CHOS, the majority of Pender County residents (85%) stated they engaged in some sort of physical activity. The most common place to exercise was the home (44%). Of the residents who said they do not exercise (15%), the most common reason was that they were physically unable (42%). Better/more recreational facilities was the #5 service in need of improvement according to surveyed residents.

85% of residents engage in some sort of exercise:

- Home (44%)
- Neighborhood (23%)
- Private gym/pool (13%)
- Public center (10%)
- Work (10%)

15% of residents do not exercise:

- Unable (42%)
- Don't like to (21%)
- No time (12%)
- No access to facility (9%)
- Other (15%): too tired, no childcare, too expensive, no safe place

⁷ NC Institute of Medicine. *Healthy North Carolina 2020: A Better State of Health*. Morrisville, NC: NC Institute of Medicine; 2011.

Chronic Diseases and Health Behaviors (cont.)

Physical Activity (cont.)

What Can Make Pender County a Healthier Place to Live?

When residents were asked what would be the one thing that would make Pender County a healthier place to live, access to more recreation facilities was the top choice, tied with better eating. Some suggested recreation improvements included:

- More parks (in general)
- More parks for children
- Parks for skateboards/bikes
- More walking trails

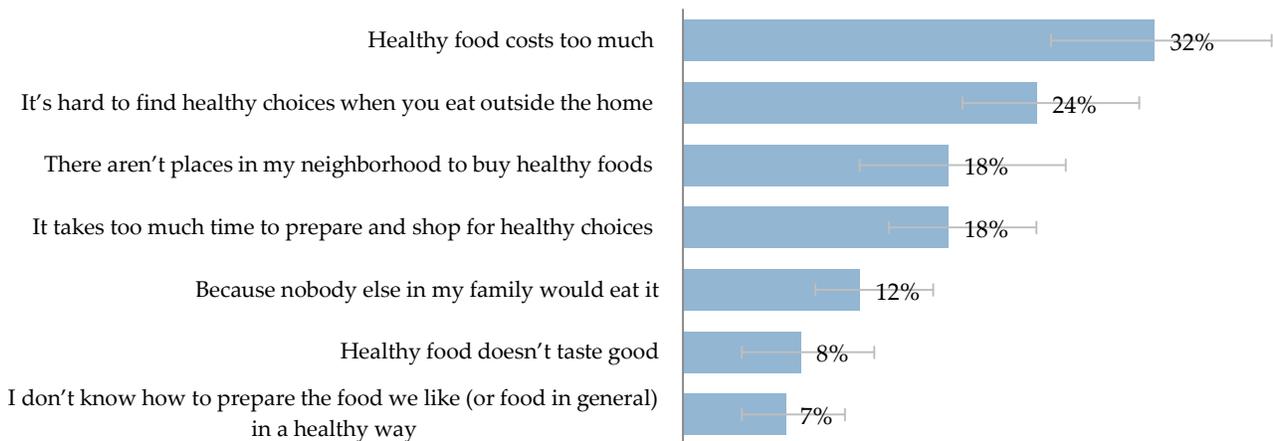
Source: 2014 Pender County Community Health Opinion Survey.

Nutrition

According to the 2010 County Business Patterns, over half of all restaurants in Pender County (57%) are fast food establishments. Results from the 2014 Pender County CHOS indicate that eating well/nutrition is the #1 topic residents would like more information about. Surveyed residents felt that the primary barrier to eating healthy was the cost of healthy food (32%) followed by difficulty finding healthy choices when eating outside of the home (24%).

Barriers to Eating Healthy, Pender CHOS, 2014

95% Confidence Limits



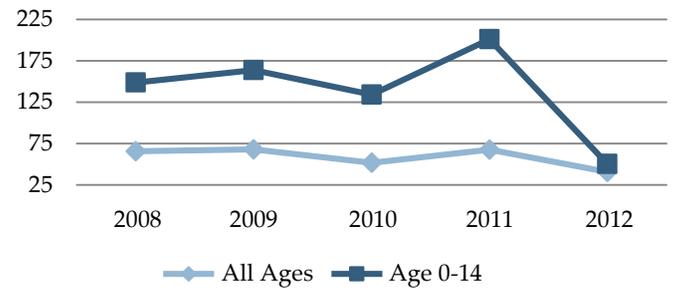
According to the 2014 Pender County CHOS, 12% of respondents had to cut the size of a meal or skip meals in their household because there wasn't enough money for food. In 2013, Pender County Christian Services provided food bank services to 7,391 non-duplicate families, an increase of 39% from 2012.

Chronic Diseases and Health Behaviors (cont.)

Asthma

According to the 2014 Pender County CHOS, 12% of adults have asthma. Although it fluctuates on a yearly basis, the hospital discharge rate per 100,000 for individuals with a primary diagnosis of asthma has decreased overall in Pender County from 65.6 in 2008 to 40.6 in 2012. The asthma discharge rate among all ages was 59% lower than the NC rate (100.3). The discharge rate among children aged 0-14 increased between 2010 and 2011, but has since declined sharply. The 2012 discharge rate of ages 0-14 was 69.5% lower than the statewide rate of 163.74.

Hospital Discharge Rate, Asthma, Pender County, 2008-12

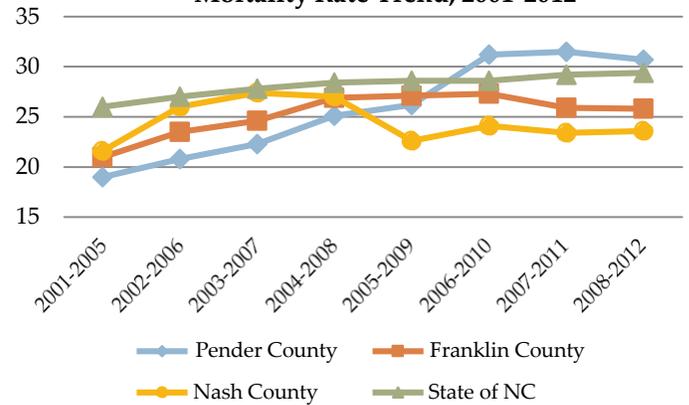


Injury

From 2008-2012, injury was the leading cause of death for Pender County residents aged 1-39 years. The mortality rate from unintentional injuries (including falls, non-motor vehicle accidents, and poisonings) increased 62% from a low point of 19.0 per 100,000 in 2001-2005 to 30.7 in 2008-2012.

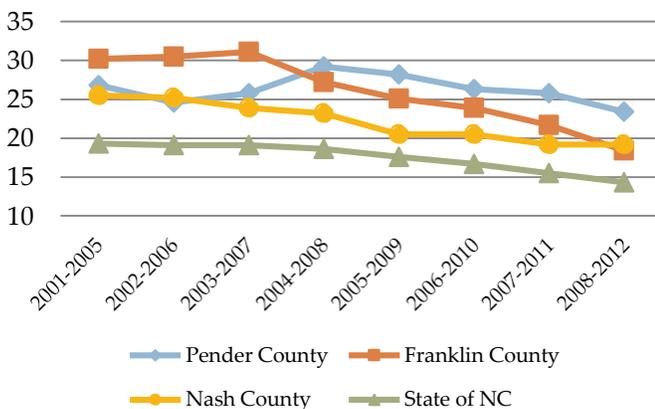
A total of 63 Pender County residents died from motor vehicle crashes in 2008-2012. Although there was an overall decrease in the mortality rate from motor vehicle injuries in Pender County, in 2008-2012 the death rate for motor vehicle injuries in Pender County (23.4 per 100,000) was 64% higher than the state rate (14.3).

All Other Unintentional Injuries Mortality Rate Trend, 2001-2012

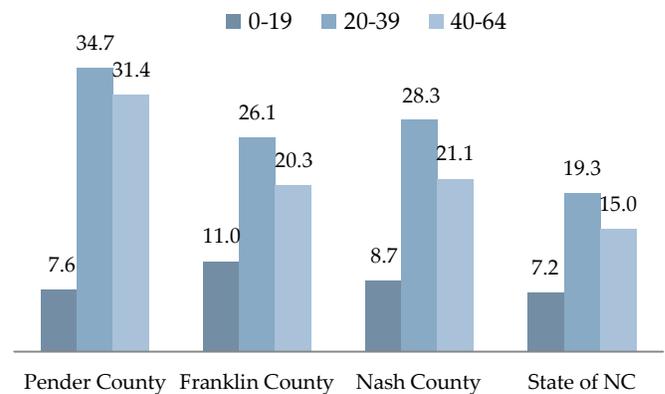


The highest number of deaths from motor vehicle injuries in Pender County was among 40-64 year olds (30 total). Rates per population indicate the highest rate was among 20-39 year olds. In 2012, there were 1,349 reportable traffic crashes in Pender County; 79 (5.9%) of them were alcohol-related. Statewide, 5.3% of reportable traffic crashes were alcohol-related.

Unintentional Motor Vehicle Injury Mortality Rate Trend, 2001-2012



Unintentional Motor Vehicle Injury Mortality Rate, by Age Group, 2008-2012



Chronic Diseases and Health Behaviors (cont.)

Oral Health

The majority of Pender County kindergarteners and 5th graders are screened for school oral health assessments (90% since 2003-2004). The percent of kindergarteners with untreated tooth decay has decreased from 32% in 2003-2004 to 19% in 2009-2010, although a higher percent of Pender County kindergarteners have untreated tooth decay compared to 17% statewide. A much smaller percentage of 5th graders have untreated tooth decay, although the rate has remained relatively unchanged in Pender County at 6% (higher than the statewide average of 4%). In 2010, more than 5,800 individuals under the age of 21 were eligible to receive Medicaid dental services. Approximately 51% of this population received dental services (3000). As of May 2014, there are 13 dentists in Pender County who accept Medicaid/Health Choice clients.

Medicaid Recipients Utilizing Dental Services, by Age Group, SFY2010

Location	<21 Years Old			21+ Years Old		
	Number Eligible for Services	Number Receiving Services	Percent Eligibles Receiving Services	Number Eligible for Services	Number Receiving Services	Percent Eligibles Receiving Services
Pender County	5,803	2,975	51.3	3,823	1,226	31.2
Franklin County	7,223	3,828	53.0	4,648	1,622	34.9
Nash County	12,456	6,079	48.8	8,851	2,923	33.0
State of NC	1,113,692	541,210	48.6	679,139	214,786	31.6

Source: NC DHHS, NC Division of Medical Assistance, County Specific Snapshots for NC Medicaid Services (2011).

Communicable Diseases

The Pender County Health Department collects reportable communicable and vaccine-preventable conditions. Many communicable diseases such as chicken pox, measles, influenza, and hepatitis B can be prevented through immunizations. The mortality rate due to pneumonia/influenza decreased 20% overall in Pender County, from 19.3 per 100,000 in 2001-2005 to 15.5 in 2008-2012.

- The *Healthy NC 2020* target is to reduce the pneumonia and influenza mortality rate to 13.5.

Communicable and Vaccine-Preventable Diseases, Pender County, 2011-2013

Reportable Communicable Disease	Confirmed Cases 2011-2013
General Communicable Diseases	
Campylobacter	9
E. Coli 0157:H7/STEC Infection	1
Ehrlichiosis	5
Haemophilus Influenzae	2
Lyme Disease	13
Rocky Mountain Spotted Fever (RMSF)	19
Salmonellosis	79
Shigellosis	5
Streptococcal infection Group A, Invasive	2
Tuberculosis	3
Vibrio Vulni	1
Vibrio Other	1
Vaccine-Preventable Diseases	

Hepatitis B, chronic	17
Influenza, adult death	1
Pertussis	10

Source: Pender County Health Department, NC EDSS. Counts include confirmed North Carolina communicable disease case definitions. Reportable diseases with no reported cases in the time period were not included.

Immunization

The increase in life expectancy during the 20th century is largely due to immunizations reducing infectious disease mortality.⁸ In 2013, approximately 65% of children between the ages of 19-35 months in Pender County received the recommended vaccination series, with an overall NC rank of 87 out of 100.

- The *Healthy NC 2020* target is to increase the percentage of children aged 19-35 months who receive the recommended vaccines to 91.3%.

Percent and Rank of Children Aged 19-35 Months with Recommended Vaccination Series, 2013

Location	Percent	Rank
Pender County	65%	87
Franklin County	69%	71
Nash County	75%	43
State of NC	68%	N/A

Source: NC Immunization Program. Annual Immunization Assessment and Ranking, 2012/13. Notes: The recommended vaccination series is 4 DTaP, 3 Polio, 1 MMR, 3 Hib, 3 HEPB and 1 VAR, and is assessed at 24 months of age.

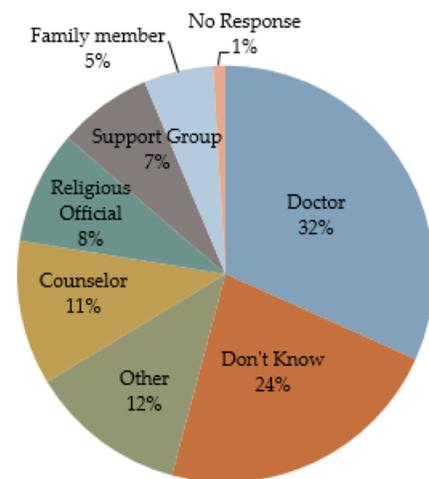
Mental Health and Substance Use

Mental health plays an important role in overall individual health. Individuals with poor mental health may have difficulties with relationships, productivity, and overall sense of well-being. In addition, substance use and abuse are major contributors to death and disability in North Carolina, and persons who suffer from abuse or dependence are at risk for premature death, comorbid health conditions, injuries, and disability.⁹

In 2013, there were 659 Emergency Department visits at Pender Memorial Hospital with a primary diagnosis of mental health, developmental disabilities, and/or substance abuse. According to the 2014 CHOS, almost 1 in 4 Pender County residents (24%) did not know where to go for substance abuse or mental health problems.

According to the *County Health Rankings*, for every 1,783 residents in Pender County there is one mental health care provider, compared to the state where there is one mental health care provider for every 715 residents.

Where to Go for a Drug/Alcohol or Mental Health Problem (Pender CHOS, 2014)



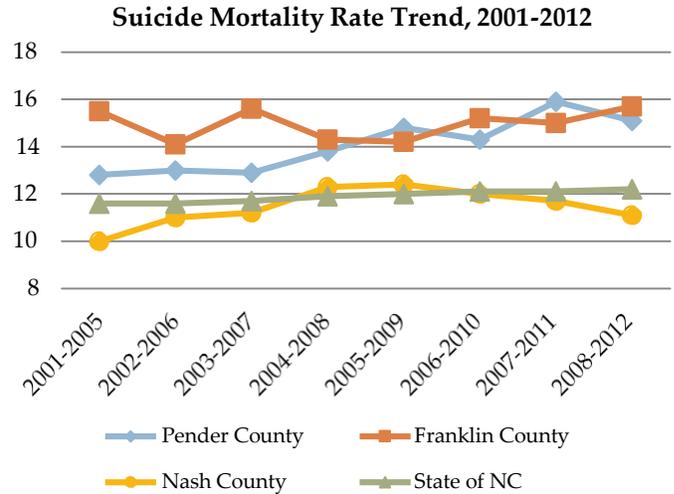
⁸ U.S. Department of Health and Human Services. Healthy People 2020.

⁹ NC Institute of Medicine. Healthy North Carolina 2020: A Better State of Health. Morrisville, NC: NC Institute of Medicine; 2011.

Mental Health and Substance Use (cont.)

Suicide

From 2008-2012, there were 40 deaths from suicide in Pender County. The suicide mortality rate in Pender County has increased 18% since 2001-2005, from 12.8 per 100,000 to 15.1. In addition, the Pender County suicide death rate was 24% higher than the state rate (12.2 per 100,000). Suicide attempts are also recorded by the Pender County School System. In 2012-2013, there were two reported suicide attempts among elementary school students, 15 among middle school students, and ten among high school students with two known suicide deaths.



Substance Use

According to the 2014 Pender County CHOS, drug abuse was ranked the #3 community issue and alcohol abuse the #4 community issue. Substance abuse prevention was one of the leading topics that surveyed residents wanted more information about.

According to the *County Health Rankings* regional data, 18% of adults in Pender County engage in heavy drinking, compared to 13% statewide. From 2011-2013, the Pender County Sheriff's Office received reports of 402 individuals arrested for drugs in Pender County with 1,696 felony charges.

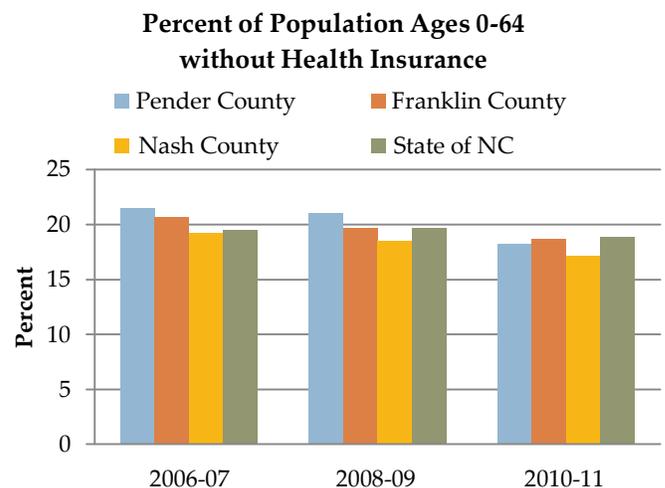
Access to Care

Increasing access to comprehensive, quality health care services is important for improving the overall quality of care and helping reduce costs, but it is also important for the achievement of health equity and increasing the equality of a healthy life for everyone.¹⁰

Health Coverage

Health insurance helps patients access the health care system and receive preventive health services. Data from the NC Institute of Medicine indicates that the percent of Pender County residents without health insurance is declining. By 2010-11, 18% of those aged 0-64 were without health insurance, compared to Franklin (19%), Nash (17%), and statewide (19%). The majority of the 2014 CHOS respondents had Medicare (47%) or a private plan purchased from an employer or workplace (29%)

- The *Healthy NC 2020* target is to reduce the percentage of non-elderly uninsured individuals to 8%.



¹⁰ U.S. Department of Health and Human Services. Healthy People 2020.

Access to Care (cont.)

Health Coverage (cont.)

The percentage of children (under the age of 18) who are uninsured decreased in all jurisdictions between 2010-11. In Pender County, 8% of children were uninsured compared to 8.4% in Franklin County, 8.6% in Nash County, and 9.4% statewide.

NC Health Choice is a health insurance program for children whose families are not eligible for Medicaid and cannot afford private health insurance. In 2010, the most recent year of data available from the NC Division of Medical Assistance, 867 children in Pender County were eligible for NC Health Choice and 93.8% of those eligible were enrolled in the program; a greater percentage compared to the 86.4% in Franklin County, 82.9% in Nash County, and 85.7% statewide.

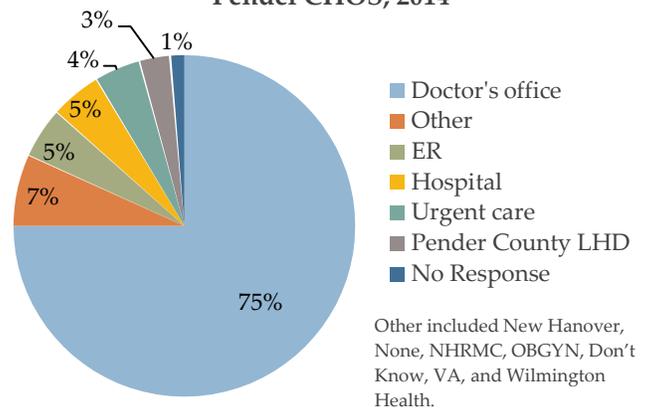
Approximately 17% of the Pender County population is eligible to receive Medicaid (8,690), with an average cost per adult enrollee of \$6,214. The percentage of residents eligible for Medicaid who enrolled in CCNC/Carolina ACCESS increased from 60% in 2008 to 69% in 2010.

Health Care Access

According to the 2014 CHOS, the majority of residents (55%) said they can access good health care in Pender County. Two out of 3 surveyed residents (75%) go to a doctor when sick, with 5% going to the Emergency Room (ER), and 5% to the hospital.

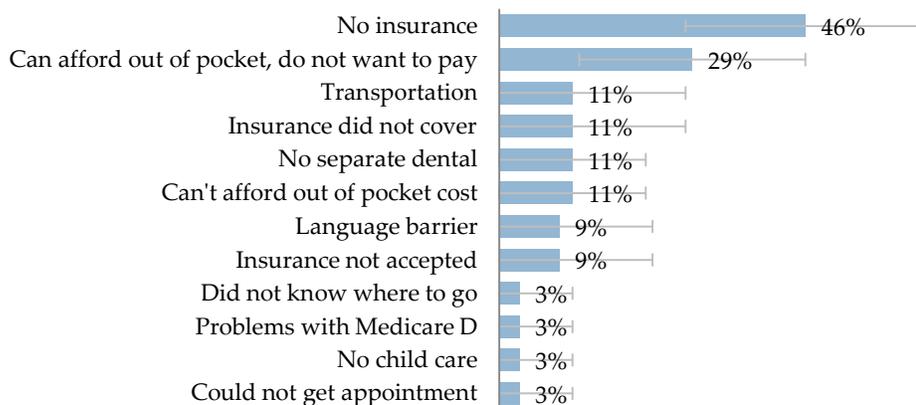
As far as health care access, the majority of residents (84%) felt that they could access good health care. Of the 16% of residents who reported having trouble getting the health care they need, the primary barriers were lack of health insurance and out-of-pocket costs.

Where Residents Go When Sick, Pender CHOS, 2014



Barriers to Getting Health Care, Pender CHOS, 2014

95% Confidence Limits



Screenings

Clinical preventive services help to prevent disease or detect disease early, when treatment is more effective. According to the 2014 CHOS, 76% of Pender County residents reported that they received a routine health check up in the past year.

The Early and Periodic Screening, Diagnostic and Treatment (EPSDT) benefit provides comprehensive and preventive health care services for children under age 21 who are enrolled in Medicaid. EPSDT is key to ensuring that children and adolescents receive appropriate preventive, dental, mental health, and developmental, and specialty services. After increasing in Pender County from FY06-07 through FY08-09, the percent of those eligible for Health Check services who actually receive those services decreased from the high of 79.4% to 51.6% in 2010-2011, the lowest percentage compared to 60.4% in Franklin County, 52.2% in Nash County, and 57.1% statewide.

Health Professionals

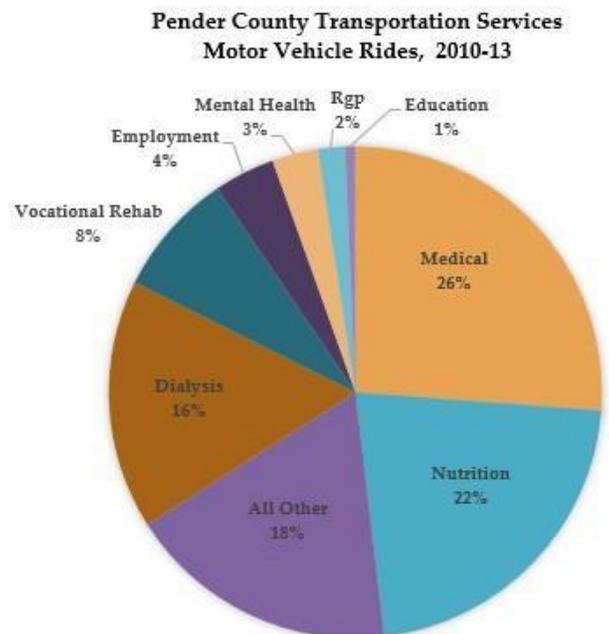
Access to care requires not only financial coverage, but also access to providers and facilities. The sufficient availability of primary care physicians, and when needed, referrals to specialty care, is essential for preventive and primary care.

In 2012, according to the data most recently available from the North Carolina Health Professions Data System, there were 3.3 active primary care physicians per 10,000 residents, a ratio higher than Franklin County (2.3), but lower than Nash County (6.3) and North Carolina overall (7.6). In addition, 3.1 dentists served 10,000 Pender County residents in 2012, compared to 1.3 in Franklin County, 4.6 in Nash County, and 4.5 statewide. The highest ratio of all provider types were registered nurses, with 37.5 active nurses to 10,000 Pender County residents, compared to 30.4 in Franklin County, 109.1 in Nash County, and 99.6 statewide. Lastly, there were 4.6 active pharmacists per 10,000 Pender County residents, a ratio higher than Franklin County (4.5) but lower than Nash County (8.0) and statewide (10.1).

Transportation Assistance

Pender County Transportation Services is available for eligible Medicaid individuals needing transportation to authorized Medicaid Providers as well as Work First clients needing transportation to work.

Between the start of 2010 and the end of 2013, Pender County Transportation Services provided 31,759 rides covering 503,948 passenger miles and 20,124 passenger hours. Listed purposes for transportation include dialysis, education, employment, legal, medical, mental health, nutrition, recreational, shopping, social, vocational rehabilitation, among others. The most common reasons for utilizing the service were Medical (8,201 rides, 198,436 miles and 8,703 hours) and Nutrition (6,873 rides, 59,857 miles, and 2,435 hours).



Health Care Facilities and Services

Emergency Medical Services

In the 2012-2013 fiscal year, Pender County Emergency Management Services (EMS) provided 8,580 EMS dispatches, 1,795 fire dispatches, and 37,385 law enforcement dispatches. A total of 46 dispatches were advanced life support.

Hospitals

Pender Memorial Hospital is located in Burgaw and affiliated with New Hanover Regional Medical Center. In 2012, there were 11,894 patients seen in the Pender Memorial Hospital emergency department. The largest age group of emergency department patients was 18 to 44 year olds (45%), followed by 45-64 year olds (21%). In 2011 and 2012, there was a significant increase in the number of children less than 1 year of age seen in the emergency department. Fifty-six percent of all emergency department patients were White, 35% African American, and 6% were of Hispanic ethnicity. The average patient charge for emergency department visits in 2012 was \$1,168, a 55% increase from 2008. The leading payer was Medicaid (34%), followed by 33% uninsured. The primary diagnosis for emergency department patients was abdominal pain, followed by unspecified chest pain.

Pender County Memorial Hospital Emergency Department Patient Characteristics, 2008-2012

Characteristics	2008	2009	2010	2011	2012
Total Visits	13,551	12,346	11,779	11,837	11,894
Avg. Patient Charges	\$753	\$835	\$903	\$1,046	\$1,168
<i>Age Group</i>					
<1	382	317	272	559	559
1-17	2,869	2,976	2,648	2,324	2,420
18-44	5,479	5,536	5,463	5,407	5,413
45-64	2,859	2,434	2,412	2,538	2,494
65-84	1,659	895	794	853	827
85+	303	188	190	156	181
<i>Race and Ethnicity</i>					
White	6,951	4,429	4,839	6,607	6,693
African American	4,484	2,833	2,965	4,147	4,117
American Indian	1	1	1	6	3
Asian/Pacific Islander	n/a	4	117	100	102
Other Race	2,115	5,079	332	489	431
Unavailable	0	n/a	3,525	488	548
Hispanic Ethnicity	n/a	n/a	n/a	926	753
<i>Payer Category</i>					
Commercial/HMO	3,139	3,227	2,932	2,776	2,402
Medicaid	2,969	3,542	3,369	3,473	4,040
Medicare	2,377	1,032	1,080	1,158	1,219
Other Government	326	317	174	173	174
Other	164	68	92	77	86
Uninsured	4,546	4,160	4,132	4,180	3,973

Source: Truven Health Analytics, North Carolina Hospital Discharge Data, Fiscal Year 2012

Health Care Facilities and Services (cont.)

Top 10 Primary Diagnosis Codes for Emergency Department Patients, Pender Memorial Hospital, 2012

Rank	Diagnosis	Patients	ICD 9 Code
1	Abdominal pain, unspecified site	593	789
2	Chest pain, unspecified	514	786.5
3	Procedure not carried out because of patient's decision	346	V64.2
4	Acute upper respiratory infection, unspecified site	323	465.9
5	Headache	257	784
6	Nausea with vomiting	251	787.01
7	Middle ear infection, unspecified	243	382.9
8	Fever, unspecified	240	780.6
9	Contusion of face, scalp, and neck except eye(s)	235	920
10	Dental disorder, unspecified	228	525.9

Source: Truven Health Analytics, North Carolina Hospital Discharge Data, Fiscal Year 2012

There are currently 43 general hospital beds at Pender Memorial Hospital, a number that has remained unchanged since 2004. Franklin County has 70 general hospital beds and Nash County has 270. A total of 193 patients stayed at Pender Memorial Hospital for short term acute care in 2012, a 73% drop since 2008. The largest age group of short term patients in 2012 was 65-84 year olds (44%), followed by 45-64 year olds (29%) and 18-44 year olds (19%). The majority of short term acute care patients were White (54%) and African American (35%), with 10% of patients with Hispanic ethnicity. The average patient charge for short term visits in 2012 was \$9,310 with an average stay of 3.1 days. The leading payer in 2012 was Medicare (62%). The top short term acute stay diagnosis was for Chronic Obstructive Pulmonary Disease, followed by kidney and urinary tract infections.

Pender County Memorial Hospital Short Term Acute Care, Patient Characteristics, 2008-2012

Characteristics	2008	2009	2010	2011	2012
Total Visits	740	735	653	668	193
Avg. Patient Charges	\$8,720	\$9,066	\$8,956	\$8,923	\$9,310
Avg. Patient Stays (days)	3.8	3.5	3.4	3.2	3.1
<i>Age Group</i>					
<1	96	97	81	95	36
1-17	96	97	81	95	36
18-44	169	218	159	163	56
45-64	340	311	308	280	85
65-84	132	108	103	128	16
85+	96	97	81	95	36
<i>Race and Ethnicity</i>					
White	438	313	298	434	105
African American	237	177	197	214	67
American Indian	0	1	0	0	0
Asian/Pacific Islander	0	0	1	2	0
Other Race	65	244	3	13	6
Unavailable	0	0	154	5	15
Hispanic Ethnicity	n/a	n/a	6	14	20
<i>Payer Category</i>					
Commercial/HMO	182	167	127	119	29

Medicaid	57	78	66	72	27
Medicare	419	416	383	410	119
Other Government	6	10	15	9	4
Other	4	3	5	3	-
Uninsured	72	61	57	55	14

Source: Truven Health Analytics, North Carolina Hospital Discharge Data, Fiscal Year 2012

Top 5 Primary Diagnoses for Short Term Acute Care Patients, Pender Memorial Hospital, 2012

Rank	Diagnosis	Patients	DRG code
1	COPD	33	192
2	Kidney and urinary tract infections	19	690
3	Simple pneumonia and pleurisy	9	195
4	Miscellaneous disorders of nutrition, metabolism, fluids, electrolytes	9	641
5	Esophagitis, gastroenteritis, and miscellaneous digestive disorders	8	392

Source: Truven Health Analytics, North Carolina Hospital Discharge Data, Fiscal Year 2012

Hospice

As of May 2014, there were three licensed hospice facilities in Pender County, two in Burgaw and one in Hampstead; there are two home health providers in the county, in Burgaw and Rocky Point. One facility is licensed to provide both home health and hospice care, Liberty Home Care in Burgaw.

Dialysis Centers

There is one licensed dialysis facility in Pender County, located in Burgaw (with 22 hemodialysis stations).

Nursing and Adult Care Homes

The number of nursing home facility beds has decreased in Pender County, from 253 beds in 2005 through 2011, to 210 beds in 2012. Franklin County has maintained 258 nursing facility beds since 2005, Nash County has 478 beds. As of May 2014, there were two licensed nursing homes/homes for the aged in Pender County, Huntington Health Care in Burgaw (with 98 nursing home beds and 23 adult care home beds) and Woodbury Wellness Center in Hampstead (with 112 nursing home beds and 100 adult care home beds). There were two adult care homes/homes for the aged, Ashe Gardens in Burgaw (60 beds) and Pen-Du Rest Home in Wallace (19 beds).

School Health

In school years 2010-2011 and 2011-2012, the school nurse ratio was 843 students to one nurse in Pender County, a ratio smaller than Franklin County (1,105:1), Nash County (869:1), and statewide (1,179:1). In the 2013-2014 school year, the school nurse ratio in Pender County increased to 1,104 students to one nurse.

Pender County school nurses conducted 9,873 screenings in school year 2012-2013: 4,117 for lice screenings, 3,127 vision screenings, 1,362 dental screenings, and 1,268 immunization audits. Pender County school nurses also conducted 6,449 individual counseling sessions: 32% dealing with hygiene/puberty, 21% dealing with bullying/violent behavior, 18% pertaining to substance abuse, and 17% addressing depression/psychological issues/suicide. Other school nurse activities included:

- 7,452 individual interventions, primarily pertaining to “other chronic illness” and asthma.
- 1,115 Individual Education Plans (IEP) in 2013-2014.
- 16,871 conferences with teachers, parents, students or other professionals and gave a total of 243 presentations to students, parents or staff.

Health Care Facilities and Services (cont.)

School-Based Health Centers

There are two school-based health centers located in Pender County, at Pender High School and West Pender Middle School. The centers provide acute and preventive health care as well as health education to Pender County adolescents. The Pender County Health Department provides overall medical oversight for the centers. In 2015, an additional school-based health center will open at Cape Fear Middle School.

Health Department

The Pender County Health Department's mission is "building a healthier tomorrow" through the provision of health services, prevention of outbreaks and disease, protection of citizens against environmental hazards, promotion of healthy behavior throughout the community, and appropriate response to disasters and emergencies. In 2012, a total of 2,518 patients used Pender County Health Department's adult and women's health services, an increase of 30% since 2011. In addition, the number of patients using child health services increased 60% from 1,134 in 2011 to 1,820 in 2012.

Pender County Health Department Clinical Services, 2011-2012

Clinical Program	FY2011	FY2012
<i>Adult and Women's Health</i>		
Unduplicated patient count	1,927	2,518
Number of Visits	2,621	3,443
<i>BCCCP (Breast and Cervical Cancer Control Program)</i>		
Unduplicat	30	65
<i>Child Health</i>		
Unduplicated patient count	1,134	1,820
Number of Visits	1,526	2,486
<i>HIV Clinic</i>		
Unduplicated patient count	not available	1,022
<i>Immunizations (Given by the agency in clinic's and community outreach programs)</i>		
Unduplicated patient count	2,437	1,343
Number Of Immunizations Given	2,437	1,343
<i>Immunization Clinic (services in the immunization clinic only)</i>		
Unduplicated patient count	767	942
Number of Visits	3,823	2,607
<i>Family Planning Clinic</i>		
Unduplicated patient count	800	732
Number of Visits	1,517	1,371
<i>Maternal Health</i>		
Unduplicated patient count	298	247
Number of Visits	1,286	631
<i>Pregnancy Care Management</i>		
Contacts	100	118
<i>STD Clinic</i>		
Unduplicated patient count	359	378
Number of Visits	459	488
<i>TB Clinic</i>		
Unduplicated patient count	*less than 5	*less than 5
Latent TBI	16	44

Source: Pender County Health Department.

Health Care Facilities and Services (cont.)

Health Department

In addition to the above clinical service data, the health department offers numerous health education programs, health promotion, and community health outreach opportunities. There are two RN Health Educators who offer evidence-based interventions to address diabetes, tobacco cessation, and nutrition/physical activity topics with a special focus on identifying new partners to help with policy and health behavior changes within Pender County.

Mental Health, Developmental Disability, and Substance Abuse Facilities

Pender County's Local Management Entity/Managed Care Organization (LME/MCO) is Coastal Care located in Wilmington, which also serves as the LME for Brunswick, Carteret, New Hanover and Onslow counties. The LME exists to refer patients needing mental health, developmental disability, and substance abuse (MH/DD/SA) services to appropriate providers. The number of Pender County residents served by the LME increased between 2006 and 2010 but has since declined, 1,814 in 2010 to 1,305 in 2012.

According to the NC Department of Health and Human Services, there are 11 licensed MH/DD/SS facilities in Pender County, with the majority (7) exclusively serving residents with developmental disabilities.

NC-Licensed Mental Health Facilities, 2014

Facility/Operator	Location	Category
A Special Touch	Willard	Residential Treatment Level III
A Special Touch II	Burgaw	Supervised Living DD Adult
Alexander House/Plumb Line Services, Inc.	Burgaw	Supervised Living DD Adult
Coastal Horizons Center - Pender	Burgaw	Crisis Services,, Substance Abuse Intensive Outpatient Program
Lotus/Autism Support Programs Inc.	Rocky Point	Supervised Living DD Adult
McMillian Home/The Arc of North Carolina	Burgaw	Supervised Living/Alternative Family Living
Port Human Services - Burgaw/PORT Human Services	Burgaw	Day Treatment, Supervised Living SA Minor
Rainbow Farms/Autism Support Programs Inc.	Rocky Point	Supervised Living DD Adult
Sunrise	Rocky Point	Day Activity
William Luther Center	Hampstead	Supervised Living DD Adult

Source: NC Department of Health and Human Services, Division of Health Services Regulation (DHSR), Licensed Facilities, Mental Health Facilities (G.S. 122C).

Coastal Care currently lists 43 mental health, developmental disabilities, and substance abuse providers serving Pender County in the mental health local management entity/area program network; however, half of those providers (23) are located in New Hanover County.

Mental Health, Developmental Disability, and Substance Abuse Facilities (cont.)

Available Services and Providers in the Mental Health Local Management Entity/Area Program Network, 2014

Service*	Providers in Pender County
Assertive Community Treatment Team (serves Pender from New Hanover County)	3
Child Day Treatment -	1
Community Support Team (serves Pender from New Hanover County)	6
Facility-Based Crisis	0
I/DD Residential Supports Level 1	1
I/DD Residential Supports Level 2	1
I/DD Residential Supports Level 3	2
I/DD Residential Supports Level 4	2
ICF-MR	0
Innovations-In Home Intensive Supports (serves Pender from New Hanover County)	2
Innovations-In Home Skill Building	3
PATH	1
Personal Care	3
Level 3 Residential	0
Mobile Crisis - serves	2
Supported Employment (serves Pender from New Hanover County)	12
Level 2 Placing Agencies (Family type)	1
Level 4 Residential	0
Non-Hospital Detoxification	0
Substance Abuse - Intensive Outpatient	1
Psychosocial Rehabilitation	1
Substance Abuse - Comprehensive Outpatient	0
Inpatient	0
Child MH/SA Intensive In-Home	1
Innovations I/DD Day Supports	1
Multi-Systemic Therapy	0
Psychiatric Residential Treatment Facility	0
Level 2 Residential (Program type)	0
Innovations I/DD Community Guide	0

Source: CoastalCare (Kristy Reed) 2014. *Note: excludes outpatient services.

Mental Health Facilities

The closest private psychiatric hospitals to Pender County include: the Strategic Behavioral Center for children in Leland (Brunswick County); the Wilmington Treatment Center, Inc. in New Hanover County; the NHRMC Behavioral Health Hospital in Wilmington (New Hanover County); and the Brynn Marr Hospital in Jacksonville (Onslow County).

The closest state psychiatric hospital is Cherry Hospital in Goldsboro (Wayne County) with 251 beds serving residents of the 38 counties in the Eastern region. Since state-run psychiatric hospitals have been closed as part of the state's reforms to the mental health system, the number of people served by those hospitals has decreased. Since 2005, the number of people served in public psychiatric facilities has more than halved in Pender County (from 86 to 21) and statewide as a whole.

Mental Health, Developmental Disability, and Substance Abuse Facilities (cont.)

Developmental Disabilities Facilities

The overall number of individuals from Pender County being served in developmental centers has declined from 11 residents in 2005 to 3 individuals in 2012. There are currently three state developmental disability centers in North Carolina. The Caswell Developmental Center in Kinston (Lenoir County) has a capacity of 429 beds serving 38 counties in the Eastern Region which includes Pender County.

Substance Abuse Facilities

The closest substance abuse treatment and detox centers include: The Harbor in Wilmington (New Hanover County) and the Wilmington Treatment Center (New Hanover County).

The closest state funded Alcohol and Drug Abuse Treatment Center (ADATC) to Pender County residents is the Walter B. Jones ADATC in Greenville (Pitt County), with 80 total beds. The number of Pender County residents being served in state funded drug and alcohol treatment centers has increased overall, from 12 in 2005 to 22 in 2012.

Persons Served in State Alcohol and Drug Treatment Centers, 2005-2012

Location	2005	2006	2007	2008	2009	2010	2011	2012
Pender County	12	19	26	16	40	32	35	22
Franklin County	26	36	35	50	49	45	50	44
Nash County	29	20	25	126	98	88	75	61
State of NC	3,732	4,003	3,733	4,284	4,812	4,483	4,590	4,265

Source: Log Into North Carolina (LINC) Database, Topic Group Vital Statistics and Health (Data Item 518). Note: Counts reflect the total number of persons who were active at the start of the state fiscal year plus the total of first admissions, readmissions, and transfers during the fiscal year. Excluded are visiting patients and outpatients. Multiple admissions of the same client are counted multiple times

Environmental Factors

Human interactions with the environment affect quality of life, years of healthy life lived, and health disparities. The World Health Organization (WHO) defines environment, as it relates to health, as “all the physical, chemical, and biological factors external to a person, and all the related behaviors.”¹¹ The *County Health Rankings* ranks North Carolina counties according to their summary measures of health outcomes and health factors, including the physical environment. For physical environment, which included indicators for air pollution, drinking water violations, severe housing problems, and commuting, Pender County ranked 61 out of the 100 NC counties.

Air Quality

According to the Centers for Disease Control and Prevention’s Outdoor Air Quality data in 2011, the most recent year of data available, the average daily measure of air pollution fine particulate matter in micrograms per cubic meter (PM2.5) in Pender County was 11.9 compared to 12.3 statewide.

¹¹ World Health Organization (WHO). Preventing disease through healthy environments. Geneva, Switzerland: WHO; 2006.

Environmental Factors (cont.)

Water Quality

Surface and groundwater quality applies to both drinking water and recreational waters. Contamination by infectious agents or chemicals can cause mild to severe illness. In 2012-2013, approximately 17% of Pender County's population was potentially exposed to water exceeding a violation limit during the past year, according to the Environmental Protection Agency Safe Drinking Water Information System (SDWIS).

The On-Site Wastewater Program (OSWW) at the Pender County Health Department is responsible for protecting the safety and quality of drinking water by ensuring that all drinking water wells and septic systems in the county are appropriately designed, constructed, and safely operated. Environmental health specialists provide technical guidance and counseling on new drinking water wells, septic systems, and on the repair and maintenance of old septic systems. They also conduct soil tests to determine the suitability of a property for a septic system. The OSWW program increased in activity between 2012 and 2013 with a higher number of sites being visited and evaluated and a higher number of permits being issued, particularly for new systems.

Health Department Well and Wastewater Activity, 2012-2013

Activity	2012	2013
<i>Health Department Well Activity</i>		
Well Sites Evaluated	102	168
Well Site Consultative Visits	68	82
Well Construction Permits Issued		
<i>New</i>	84	160
<i>Repair</i>	5	4
Bacteriological Samples Collected	216	291
<i>Health Department On-Site Wastewater Activity</i>		
Site Visits (all OSWW Field Activities not listed below)	174	236
Sites Evaluated (or Re-evaluated)	518	411
Operation Permits Issued	281	342
Construction Authorizations		
<i>New, Revision or Relocation</i>	214	248
<i>Repair/Replacement of Malfunctioning System</i>	96	105
Sewage Complaints Investigated	49	81

Source: Pender County Health Department

Environmental Inspections

The Food and Lodging Program at the Pender County Health Department inspects food handling establishments, including restaurants, food and drink stands, meat and seafood markets, school cafeterias, jails, hospitals, child day care centers, residential care facilities, and rest/nursing homes. The Food and Lodging program has seen an increase in activities, conducting twice as many inspections (267) in 2013 than in 2012 (128). They have also seen an increase in the number of complaints to investigate and new restaurant plans to review.

Environmental Factors (cont.)

Health Department Food and Lodging Activity, 2009-2013

Location	2009	2010	2011	2012	2013
Inspections*	224	226	92	128	267
Net Operating Facility Counts **	224	226	230	232	267
Complaint investigations	5	7	2	4	11
Plan Review (food)	4	2	9	12	35

Source: Pender County Health Department. * Includes: adult day service, bed and breakfasts, child care centers, elderly nutrition sites, food stands, hospitals, institutional food services, limited food services, local confinements, lodging, meat markets, mobile food units, nursing homes, school lunchrooms, pushcarts, resident camps, restaurants, residential care facilities, and tattoo artists.

Childhood Lead Blood Surveillance

In 2011, the most recent publically available data, there were two children ages 1-2 years with elevated blood lead levels in Pender County, percent similar to statewide.

Childhood Blood Surveillance Data, 2011

Location	Ages 1 and 2 Years Tested for Lead Poisoning						Ages 6 Months to 6 Years		
	Target pop.	Number tested	Percent Tested	Tested Among Medicaid*	Lead ≥ 10	Percent ≥ 10	Number tested	≥ 10 -19	≥ 20
Pender County	1,187	789	66.5	73.6	2	0.3	927	-	-
Franklin County	1,331	713	53.6	82.2	3	0.4	813	2	-
Nash County	2,438	1,785	73.2	92.5	10	0.6	2,117	3	-
State of NC	249,087	129,558	52.0	80.7	461	0.4	156,039	105	22

Source: North Carolina Childhood Blood Lead Surveillance Data, NC Environmental Health Section, Children's Environmental Health Branch, 2011.

Note: *Includes ages 9-11 months. "Target Population" is number of live births in preceding years. "Number Tested" is an unduplicated count of children tested for lead poisoning within the calendar year. Children are counted as being tested for lead poisoning until they are confirmed to have a lead level >10 micrograms per deciliter ($\mu\text{g}/\text{dL}$). "Percent Tested Among Medicaid" is based on a data match of blood lead tests with Medicaid data.

CHAPTER 4 | PREVENTION AND HEALTH PROMOTION RESOURCES

The community health needs assessment process not only identifies the factors affecting the county's health, but also the resources available to address those factors.

The wealth of resources, services, and partnerships working to improve the health of residents in Pender County are community assets that can be leveraged to help residents who are facing major health disparities, needs, and challenges.



Resources for CHA Focus Areas

Resources including partnerships, education, programs, and policies that address the major health factors and concerns in Pender County (or focus areas) are listed below. These resources were identified by participants of the community health forums and representatives of the Pender County CHA Steering Committee. This listing does not include all resources in Pender County. For a more up-to-date and comprehensive listing of Pender County resources, access the following resources:

- **2013 Pender County Resource Guide**
Pender County Government provides a Resource Guide of many programs and services.
Web: <http://tinyurl.com/PenderResourceGuide>.
- **United Way of the Cape Fear Area 2-1-1**
This resource and referral information line links residents to vital non-profit human services in the community. The service is free and multilingual.
Telephone: 211, Web: www.uwcf.org/find-help.

Mental Health and Substance Use

Coastal Horizons Center located in Burgaw provides evidence-based practices in crisis intervention, substance use, and mental health services. Coastal Horizons provides individual, group, family, and couples counseling for all ages and specialized support groups. Coastal Horizons also partners with Pender County Schools to offer school-based outpatient counseling at seven different schools. In 2014, a Substance Abuse Intensive Outpatient Treatment Program was launched and is offered each Monday, Wednesday, and Friday. In addition, any consumer can access walk-in care Monday-Friday, 8:00 a.m. -3:00 p.m. Coastal Horizons also provides hospital discharge appointments for consumers leaving hospital placements, assisting individuals with obtaining continued medications, treatment, and referrals. Telephone: (910) 259-0668, Web: www.coastalhorizons.org.

Pender Alliance Teen Health (PATH) is a non-profit organization that has worked with several partners, including the Pender County Health Department, to provide acute and preventive health care and health education to Pender County adolescents at two school-based health centers. PATH provides support for identifying health care providers for mental health and behavioral health concerns and conditions for adolescents. The health department provides overall medical oversight for the centers. In addition, a new tele-health project will soon become reality as a solution to address access to care issues with the limited health care providers within Pender County. Web: www.penderallianceforteenhealth.com.



Resources for CHA Focus Areas (cont.)

Pender County Schools offers a 6-week class for parents that includes recognizing signs of mental health and substance use issues. The School Health Advisory Council meets monthly to discuss the eight components of Pender County's Comprehensive School Health Program, including mental, and social health.

Telephone: (910) 259-2187, Web: www.pendercountyschools.net.

Alcoholics Anonymous Intergroup out of Wilmington serves groups in Brunswick, Columbus, New Hanover, and Pender counties. Meetings are held in Burgaw, Hampstead, Holly Ridge, Surf City, and Topsail Beach.

Telephone: (910) 794-1840, Web: <https://wilmingtonaa.us>.

Pender Memorial Hospital launched a new tele-psychiatry service program in September 2014 to reduce waiting times for patients needing psychiatric services.

Telephone: (910) 259-5451, Web: www.nhrmc.org/pender-memorial-hospital.

Diabetes

Diabetes Self-Management Program offered through the Pender County Health Department provides evidence-based education for nutrition and exercise, diabetic medication, acute and chronic problems of diabetes, and the ABC's of diabetes. This program receives referrals from Pender Memorial Hospital and local providers. Plans are to expand the program to include chronic disease prevention.

Telephone: (910) 259-1230, Web: <http://health.pendercountync.gov>.

Farmworker Grant Program provided by the Pender County Health Department serves the migrant and seasonal farmworker population through health outreach, case management, enabling services, and health education. This program also provides health screenings for preventive health and chronic diseases to migrant and seasonal farmworkers. Telephone: (910) 259-1230, Web: <http://health.pendercountync.gov>.

Farmers' Markets and Community Gardens. There are a growing number of farmers' markets and community gardens in Pender County. The Black River Farmers' Market is located in Atkinson. The Poplar Grove Farmers' Market is located on the front lawn of the Poplar Grove Plantation in Hampstead. El Puente is working on a plan to host a Farmers' Market at the Historic Depot in Burgaw. In addition, Pender County Christian Services provides food assistance and helps with planning community gardening programs.

- Black River Farmers' Market Telephone: (910) 448-2889
- Poplar Grove Farmers' Market Telephone: (910) 686-9518
- El Puente Telephone: (910) 512-6006
- Pender County Christian Services: (910) 259-5840



Source: Black River Farmers' Market

Increasing access to physical activity

Walking trails are available for public use throughout Pender County. In Maple Hill, the Pender County Health Department collaborated with Building and Inspections, Parks and Recreation, and Maple Hill residents to build a 0.6 mile paved walking trail around the Maple Hill Resource Center. The Osgood Canal and Greenway Trail in Burgaw is 2.1 miles and runs along the town's central business district. Miller's Pond in Rocky Point features a 0.5 mile walking trail around a 7 acre pond. There is also miles of walking available at Topsail Beach. Telephone: 910-259-1330,

Web: www.pendercountync.gov/Government/Departments/ParksRecreation.aspx.



Maple Hill Walking Trail
Source: Pender County

State Game Lands and Natural Areas. Almost 95,000 acres are available to Pender County residents for hunting, hiking, bicycling, and bird watching. Telephone: (919) 707-9300, Web: <http://ncparks.gov>.

Resources for CHA Focus Areas (cont.)

Pender County Parks and Recreation Division exists to encourage, promote, provide, and protect quality parks and recreation opportunities that enrich the lives of residents by utilizing the County's resources and recreation partners. Parks offer an opportunity for stress relief, exercise, and social interaction. Communities with adequate parks and recreation opportunities are generally more highly valued and are more desired locations for development of homes, neighborhoods, businesses, and industries. Telephone: 910-259-1330, Web: www.pendercountync.gov/Government/Departments/ParksRecreation.aspx.

Girls on the Run® and Stride are non-profit prevention programs that encourage pre-teen girls and boys to develop self-respect and healthy lifestyles through running. The Wilmington Family YMCA administers Girls on the Run and STRIDE of Coastal Carolina and serves Pender County. Telephone: (910) 604-6456, Web: <http://www.nckidsrun.org>.

County Parks. Pender County Parks and Recreation oversees 3 community parks, including Hampstead Kiwanis Park in Hampstead, Miller's Pond Park in Rocky Point, and Pender Memorial Park in Burgaw. Telephone: 910-259-1330, Web: www.pendercountync.gov/Government/Departments/ParksRecreation.aspx.

Fitness Activities. Pender Adult Services Wellness Center offers exercise activities at Heritage Place and the Topsail Senior Center. The Town of Atkinson conducts Zumba classes at the Town Hall. El Puente also offers free yoga and Zumba classes. The Town of Surf City has regularly scheduled exercise and wellness activities at the Surf City Community Center.

- Pender Adult Services Telephone: (910) 259-9119
- Town of Atkinson Telephone: (910) 283-7341
- El Puente Telephone: (910) 512-6006
- Town of Surf City: (910) 328-4887



Healthy pregnancies

Pender County Health Department provides family planning and prenatal services (including smoking cessation). The Health Department also offers farmworker outreach to link farm workers and family members to prenatal care. Telephone: (910) 259-1230, Web: <http://health.pendercountync.gov>.

Safe Haven in Burgaw provides counseling services to pregnant teens and young women. Telephone: (910) 259-8989.

Motor vehicle injuries

Driver Education is offered through the Pender County School System for students who live in Pender County. Telephone: (910) 259-0133. Web: www.pendercountyschools.net/community/parents/grades_9_12/driver_education.

Pender County Planning and Community Development is working with NCDOT for the development of the Hampstead Bypass as well as a safety improvement project to US 17 and Safe Route to Schools connecting North Topsail Elementary School to the Kiwanis Park in Hampstead. Telephone: (910) 259-1202. Web: www.pendercountync.gov/Government/Departments/PlanningCommunityDevelopment.aspx.

Tobacco

QuitlineNC provides free cessation services to any North Carolina resident who needs help quitting tobacco use. Quit Coaching is available in different forms, which can be used separately or together, to help any tobacco user give up tobacco. Telephone: 1-800-QUIT-NOW (1-800-784-8669), Web: <http://www.quitlinenc.com>.



In 2014, Pender County Government designated a “no tobacco or e-cigarettes” policy for County property except in designated areas.

CHAPTER 5 | COMMUNITY PRIORITIES

Once all of the data was collected from the community health opinion survey and existing health statistics, the next step in the community health assessment process is to invite partners and community members to hear the results of the assessment and offer feedback on the priorities that will be addressed in the next four years.

Community engagement is important not only when choosing health priorities, but also for generating recommendations and strategies for community health improvement and garnering community support for later decisions and actions.

2014 Pender County Community Health Assessment Priorities

1. Mental Health and Substance Use
2. Diabetes
3. Increasing Access to Physical Activity

Community Forums

On August 27, 2014, two community forums were held in Pender County to discuss the results of the CHA process. Partners and community members were invited to hear findings from the assessment, discuss results, and help prioritize focus areas to be addressed over the next four years.

The forums were located at the Hampstead and Burgaw public libraries. Flyers (Appendix D) were distributed and advertised in the *Topsail Advertiser*, along with emails and formal letters to promote the event and encourage partners or residents to attend.



Source: NCIPH

Forum Demographics

A total of 34 people participated in one of the forums. Of those, 24 (71%) provided demographic information.

Demographic Characteristics of Pender County Community Forum Participants, 2014

Characteristic	Forum Participants*	Pender 2010 Census
Male	13%	50%
Female	88%	50%
White	78%	76%
African American	22%	18%
Other/Multiracial	0%	6%
Hispanic or Latino	5%	6%
Aged 18-29	4%	13%
Aged 30-44	33%	19%
Aged 45-64	42%	30%
Aged 65 and older	21%	15%
Bachelor's degree or higher	76%	20%

Source: Race and ethnicity is reported as two separate dimensions. Thus, persons of Hispanic ethnicity may be of any race. *10 forum participants did not fill out a demographic form.

More females and persons with a Bachelor's degree or higher attended the forum compared to Pender County's general population. In addition, there was less representation at the forum among adults aged 18-29.

Forum Overview

The community forum began with a presentation on the community health assessment process and data highlights on six focus areas that were identified by the CHA Steering Committee based on community concern, target gaps with *Healthy NC 2020* objectives, comparisons with the state and peer counties, and emerging trends or disparities.

- Diabetes
- Mental Health and substance use
- Increasing access to physical activity
- Healthy pregnancies
- Tobacco
- Motor vehicle injuries

The presentation was followed by discussions and each participant was given three stickers and asked to vote on which of these focus areas were the most important. Participants could “weigh” their sticker votes, where they could spread their stickers to vote the top three or “weigh” stickers into just one focus area. After voting, participants discussed existing community resources and opportunities for change in each focus area. Then participants were given another set of three stickers and were asked to vote on which focus areas they believe were the most actionable in the next four years.

2014 Pender County Forum Discussion

	Focus Area	Most Important*	Most Actionable*
1	Mental health and substance use	30	26
2	Diabetes	22	23
3	Increasing access to physical activity	15	16
4	Healthy pregnancies	8	7
5	Motor vehicle injuries	6	3
6	Tobacco	5	0

Source: NC Institute for Public Health, 2014. *Not all participants voted or used all voting stickers.

Recommendations for Action

In addition to identifying resources (highlighted in Chapter 4), opportunities and recommendations for action were discussed during the community health forums. Recommendations below are listed by topic areas and ordered by the overall priority.

Mental Health and Substance Use

- Need to promote or advertise AA meetings, many residents and service providers are unaware of when and where AA meetings are being offered
- Mobile Crisis Unit does provide services for Pender County; however, services may come from other counties with significant delay times
- Need for behavioral health trained counselors for public schools, including elementary and middle schools
- Overall need for more providers and services offered in community for mental health and substance use

Diabetes

- Expand sites of Pender Health Department’s Diabetes Self-Management Program (consider school health centers, churches, EMS buildings in particular Rocky Point)
- Offer cooking classes that target children and teens in addition to adults
- Increase the number of farmers’ markets
- Information about events can be challenging, agencies do a lot to push information out (advertise, flyers, social marketing), need for identifying alternative strategies for marketing events. One suggestion for Diabetes classes was near P.O. boxes at the post office
- African American churches as a possible entry point for targeting African American males

Recommendations for Action (cont.)

Increasing Access to Physical Activity

- Walking trails could benefit Atkinson and Rocky Point communities
- Swimming pools and swim lessons should be considered for public recreation facilities
- Plans are being discussed to place a Triathlon Center in Rocky Point
- Information about events can be challenging, agencies provide many avenues to inform the public of activities and events (advertise, flyers, social marketing), need for identifying alternative strategies for marketing events
- Although a lot of facilities and services are available, there is an overall challenge of motivation for residents and competing activities

Healthy Pregnancies

No opportunities were discussed.

Motor Vehicle Injuries

- Interventions that target speeding and aggressive driving
- Barriers for Hampstead to provide additional traffic control since it is not an incorporated town
- Overall perception that traffic enforcement is not a high priority for County

Tobacco

No opportunities were discussed.

Prioritization

The Pender County CHA Steering Committee met after the community health forums to provide input into the finalization of the priority areas. The Steering Committee reviewed the findings of the forum and each focus area with the following criteria:

- Magnitude of the problem – how many people in Pender County are affected by this problem?
- Seriousness of the problem – what are the consequences if we do not address the issue?
- Feasibility of successful interventions over the next years.

After the discussion, the Steering Committee voted on the priority areas which were then approved and adopted by the Pender County Health Department, which are: mental health and substance use, diabetes, and increasing access to physical activity.

Next Steps

Community priority setting marks the beginning of the community health improvement process. An important use of the community priorities and assessment findings is to develop effective community health improvement strategies. The next step in this process is to develop action plans for addressing the community priorities. The Pender County Health Department, in collaboration with various partners, will be developing measurable objectives, identifying strategies, and tracking progress to address these priorities over the next four years.

APPENDICES



APPENDIX A: COMMUNITY HEALTH OPINION SURVEY METHODS

Interview locations were determined using a two-stage cluster sampling method developed by the Centers for Disease Control and Prevention (CDC) and the World Health Organization (WHO) to assess public health needs following disasters. This method utilizes population-based sampling weights from each census block and allows for generalizability of the collected data to the population of Pender County.

Cluster sampling was used in the 1960s as a tool for local health departments to conduct rapid assessments of immunization coverage.¹² The sampling method was adopted by the World Health Organization's Expanded Program on Immunization and later by the Centers for Disease Control and Prevention for use in responses to natural disasters.^{2,3} This efficient sampling scheme has been validated and used effectively for rapid assessment and estimation of a variety of population-level public health needs.^{2,4}

A typical two-stage cluster sample is a 30/7, where 30 clusters and seven survey locations per cluster are selected for a total of 210 interviews. This method provides reasonably valid and precise estimates of the true population when the estimated proportion in the target population with the event of interest is between 10% to 90%.⁵

The selection process was automated using a GIS-based survey site selection toolkit developed by the CDC that operates within ESRI's mapping software ArcGIS. In the first stage of sampling, 30 census blocks were randomly selected with a probability proportionate to the population size with the most populated census blocks more likely to be selected.

In the second stage of sampling, seven random interview locations were selected in each census block. Interview teams attempted to conduct interviews at the selected addresses. If no one was home at the selected address or the resident refused to participate, then teams approached the next closest residence. This procedure was repeated until an interview was completed and then teams moved on to the next randomly selected address.

Interviewers obtained oral consent in English or Spanish before interviewing potential survey participants. Interviewers obtained oral informed consent before interviewing potential study participants, and were given a small thank-you gift (equivalent to \$3-\$4 dollars). Eligible participants were at least 18 years of age and residents of the selected household.

Interview teams were guided to the random survey locations using car GPS units (Garmin) and field maps with current aerial photography (Google or Bing Maps). Responses were recorded at the time of the interview on Google Nexus tablets or hard copy surveys.

¹² Serfling, R.E., & Sherman, I.L. (1975). Attribute sampling methods. US Department of Health and Human Services (Publication No. 1230).

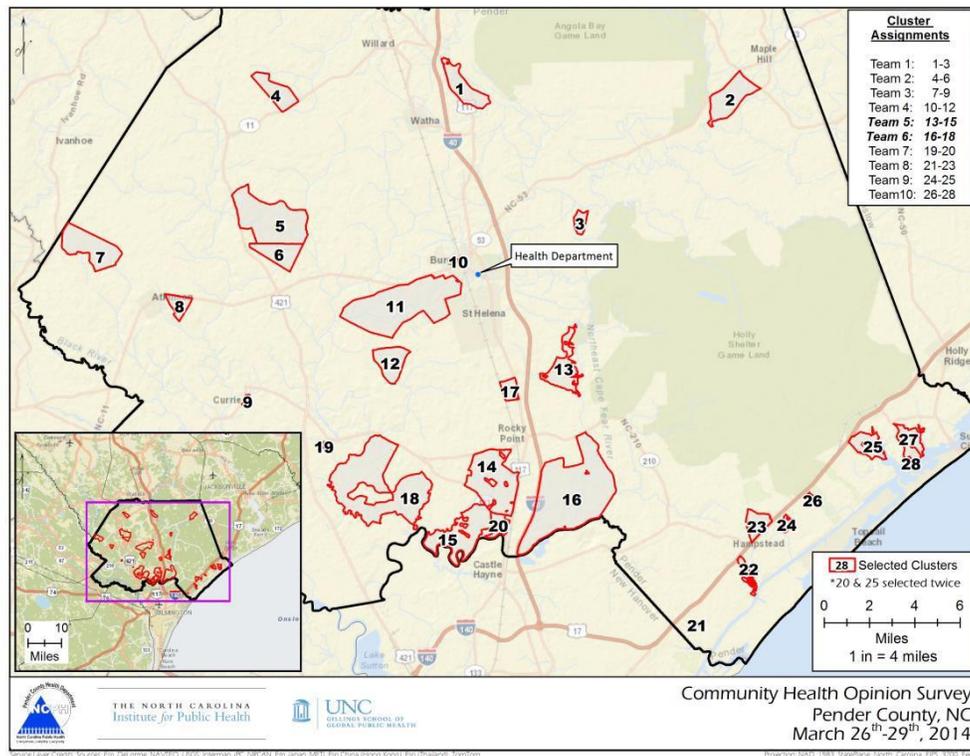
² Henderson, R., & Sundaresan, T. (1982). Cluster sampling to assess immunization coverage: a review of experience with a simplified sampling method. *Bulletin of the World Health Organization*, 60: 253-260.

³ Malilay, J., Flanders, W., & Brogan, D. (1996). A modified cluster-sampling method for post-disaster rapid assessment of needs. *Bulletin of the World Health Organization*, 74(4), 399-405.

⁴ Frerichs, R., & Shaeen, M. (2001). Small-community based surveys. 22, 231-47.

⁵ Binkin, N., Sullivan, K. S., & Nieburg, P. (1992). Rapid nutrition surveys; how many clusters are enough? 16(2), 97-103.

Selected Census Blocks



Analyzing Primary Data

Data was analyzed in SAS 9.2 (Cary, NC), with weighted frequencies and 95% confidence intervals (CI) for each question in the community health opinion survey. Unlike a simple random sample of the entire county, households selected in cluster sampling have an unequal probability of selection. To avoid biased estimates, all data analyses include a mathematical weight for probability of selection. Survey weights were calculated using methods described in the CDC's Community Assessment for Public Health Emergency Response (CASPER) toolkit (CDC, 2012). The weights incorporate the total number of households in the sampling frame, the number of households in the census block, and the number of interviews collected in each census block. These weights were calculated with a standard error for each frequency, from which 95% CIs were derived. Qualitative data was summarized into categorical variables where appropriate. Interpretations of these data are generalizable at the county level, as the sampling methods collect responses from residents throughout the county in weighted census blocks. These weights allow for the calculation of 95% CIs, which should be interpreted as the interval which contains the true value in 95% of repeated samples.

Results

A total of 211 surveys were collected over an 8-day period by 40 trained interviewers. Interviewers knocked on approximately 620 doors, with a contact rate of 35% and response rate of 65%.

Compared to 2010 Census data and 2008-2012 American Community Survey data, demographic information from survey respondents indicate that our sample population differs only slightly from the County as a whole, indicating that the survey results can be considered representative of the entire County population (Table 1).

The two-stage cluster sample design employed in this survey should result in a representative sample of Pender County. However, in interpreting the results of this survey, it is important to note that the median age of respondents was 60 while the median age of Pender citizens over the age of 18 is 48. This may limit the generalizability of the sample. The race, education, and age distribution of the sample population were generally very similar to the County overall, making the results more generalizable.

Table 1. Demographic Characteristics of Survey Respondents (n=211) and Pender County.

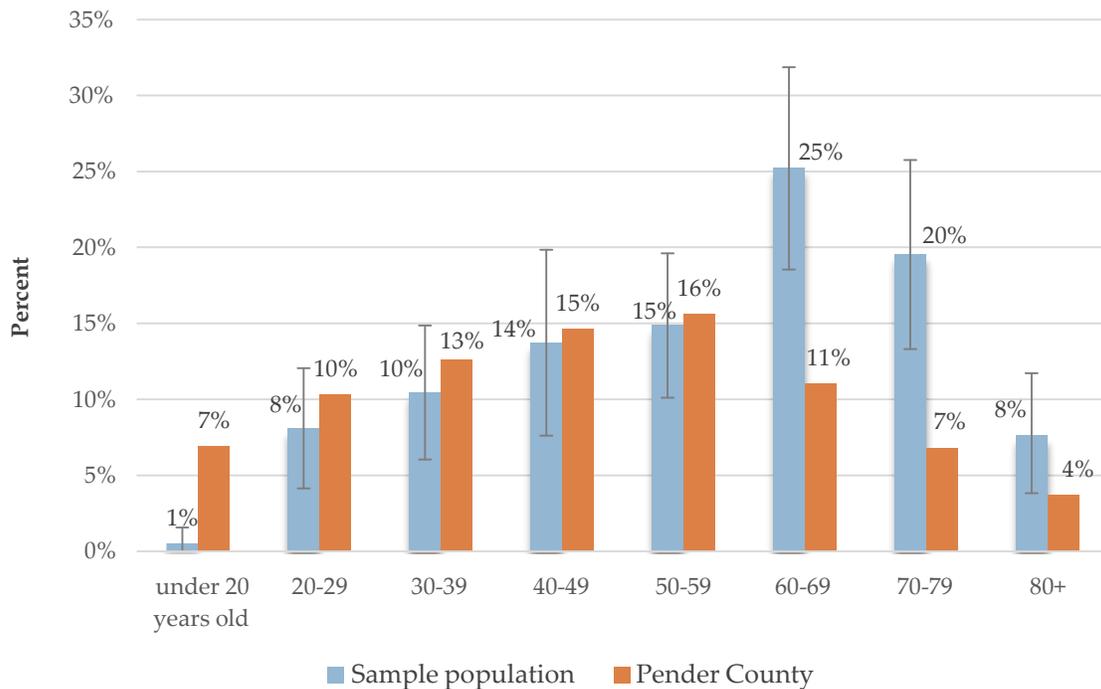
	Sample Percent (95% CI)	Pender County
Gender (n= 209)		
Female	60.8% (53.1%, 68.4%)	50.1% ¹
Race (n= 211)		
American Indian/ Alaskan Native	0.6% (0.0%, 1.8%)	0.8% ¹
Black or African American	14.3% (6.6%, 22.0%)	17.3% ¹
White	78.6% (69.6%, 87.6%)	79.3% ¹
Hispanic origin (n=208)		
Hispanic	6.8% (1.3, 12.4%)	6.3% ¹
Education (n=211)		
Less than 9 th grade	4.2% (0.2%, 8.2%)	5.0% (+/-1.0) ^{2*}
9 th to 12 th grade, no diploma	8.8% (4.8%, 12.8%)	9.0% (+/-1.2) ^{2*}
Grades 12 or GED	32.3% (25.5%, 39.0%)	33.1% (+/-1.9) ^{2*}
College 1 year to 3 years**	37.2% (30.7%, 43.7%)	33.3% (+/-1.7) ^{2*}
Bachelor's degree	9.8% (4.3%, 15.4%)	14.1% (+/-1.7) ^{2*}
Graduate or Professional Degree	7.7% (3.6%, 11.7%)	5.7% (+/-1.0) ^{2*}
Poverty (n=210)		
Person below poverty level	25.6% (16.2%, 35.0%)	18.0% ¹
Age (n=209)		
Median age (18 years old +)	60	48 ³

¹Source: 2013 U.S. Census QuickFacts

²American Community Survey 2008-2012 (*population 25 years and over, **combined associates and some college).

³2010 U.S. Census SF1 single year of age, median calculated for only those 18 years and older.

Age Categories of Survey Respondents (n=211) and Pender County



APPENDIX B: COMMUNITY HEALTH OPINION SURVEY QUESTIONNAIRE

Pender County Community Health Opinion Survey – 2014

All questions have a “no response” or “don’t know” option. Don’t read this aloud; just mark it if the respondent prefers not to answer the question. This answer is in italics as a reminder not to read it.

Hello, I am ___ and this is ___ and we are volunteers working with the Pender County Health Department and other community partners. We are talking with people throughout the community today about their opinions on healthcare and other health-related issues in the County. (Show badges/CHOS flyer). All the opinions you share with us will be completely confidential and will be reported as a group summary. The results will help to address the major health and community issues in our county.

Participation is completely voluntary. It should take no longer than 20 minutes. If you have already completed this survey, or if you don’t live in Pender County, please tell me now.

Would you like to participate? ____ Yes ____ No

(If no, stop the survey here and thank the person for his or her time.)

We are only interviewing adults 18 and older. Are you 18 years old or older? ____ Yes ____ No *(If no, ask if you can speak with someone who is 18 years or older. If no one is available, stop the survey here and thank the person for his or her time.)*

Do you live at this household? ____ Yes ____ No

(If no, ask if you can speak with someone who lives there or ask if the person lives nearby. If no one is available, stop the survey here and thank the person for his or her time.)

PART 1: Your Community

These initial questions are about how you see certain parts of Pender County life. Please tell us whether you “strongly disagree”, “disagree”, “don’t know (neutral)”, “agree” or “strongly agree” with each of the next 6 statements.

Statements	<i>Circle the number that best represents the person’s opinion of each statement below.</i>				
	Strongly Disagree	Disagree	Neutral	Agree	Strongly Agree
<p>1. How do you feel about this statement, “I can access good healthcare in Pender County.” (Consider the cost and quality, number of options, and availability of healthcare in the county).</p>	1	2	3	4	5
<p>2. How about this statement, “I think Pender County is a good place to raise children.” (Consider the quality and safety of schools and child care programs, after school programs, and places to play in this county).</p>	1	2	3	4	5
<p>3. ...and this one, “I think Pender County is a good place to grow old.” (Consider the county’s elder-friendly housing, transportation to medical services, recreation, and services for the elderly).</p>	1	2	3	4	5
<p>4. “I can find enough economic opportunity in Pender County.” (Consider the number and quality of jobs, job training/higher education opportunities, and availability of affordable housing in the county).</p>	1	2	3	4	5
<p>5. “I feel safe living in Pender County.” (Consider how safe you feel at home, in the workplace, in schools, at playgrounds, parks, and shopping centers in the county).</p>	1	2	3	4	5
<p>6. “I think there’s enough help for people during times of need in Pender County.” (Consider social support in this county: neighbors, support groups, faith community outreach, community organizations, and emergency monetary assistance).</p>	1	2	3	4	5
<p>7. “I can find enough recreational opportunities in Pender County.” (Consider parks, beach access and nature trails).</p>	1	2	3	4	5

PART 2: Personal Health

This next section of questions will focus on your health. Again, all the opinions you share with us will be completely confidential and will be reported as a group summary.

8. In general, would you say that your health is...

(Read choices and ask them to choose only one.)

- Excellent
- Good
- Fair
- Poor
- Don't know/Not sure
- Refused/No Response

(If the person being interviewed starts talking about a family member's health problems consider saying... "I am sorry to hear about that. Maybe some of the answers you give today will help the community leaders address some of these types of issues. Right now we'd like to focus just on your own health".)

9. Do you have health insurance? (This includes private insurance purchased through work or individually, military health benefits (Tricare, VA, etc.), Medicare, Medicaid, or any other program that assists with providing health services at a reduced cost.) **Just as a reminder, all responses will remain anonymous and confidential.**

- Yes
- No
- Don't know/Not sure
- Refused/No Response

10. If you have health insurance, what is your primary health insurance plan? This is the plan which pays the medical bills first or pays most of the medical bills. (DO NOT read the options. Mark only the one they say. If they cannot think of one... Here are some possibilities. Mark "No health plan of any kind" if they don't have insurance. Read responses and select only one)

[**Note:** Private insurance plans might include the following: Blue Cross/ Blue Shield, Kaiser, Aetna, United Healthcare etc The State Employee Health Plan is also called the "North Carolina Teacher's and Employee Health Plan." Medicare is a federal health insurance program for people 65 and older or some younger people with disabilities. Medicaid is a state health insurance program for families and individuals with limited financial resources or special circumstances.]

- The State Employee Health Plan
- Private plan purchased from employer or workplace
- Private plan purchased directly from an insurance company
- Private plan purchased through government health exchange (Obamacare)
- Medicare
- Medicaid
- The military, Tricare, CHAMPUS, or the VA
- The Indian Health Service
- Other government plan
- Don't know/Not sure
- Refused/No Response

11. Where do you go most often when you are sick? (DO NOT read the options. Mark only the one they say. If they cannot think of one... Here are some possibilities. Read responses and select only one).

- | | |
|--------------------------------------------------|------------------------------------------------------|
| <input type="radio"/> Doctor's office | <input type="radio"/> Pharmacy/Retail minute clinics |
| <input type="radio"/> Pender County Health Dept. | <input type="radio"/> Workplace nurse |
| <input type="radio"/> Hospital | <input type="radio"/> Urgent care |
| <input type="radio"/> Emergency Room | <input type="radio"/> Other: _____ |
| | <input type="radio"/> Refused/No Response |

12. About how long has it been since you last visited a doctor for a routine checkup? This is when a doctor or nurse checks you all over including your blood pressure, ears, breathing, reflexes, and usually cholesterol. This could also include routine OB/GYN check-ups but does not include any times you visited the doctor because you were sick, pregnant or for chronic disease. (DO NOT read the options. Mark only the one they say. If they cannot think of how long... Here are the possibilities. Read responses. Which one do you think best fits you?)

- Within the past year
- 1-2 years ago
- 3-5 years ago
- More than 5 years ago
- I have never had a routine checkup
- Don't know/Not sure
- Refused/No Response

13. In the past 12 months, did you ever have a problem getting the health care you needed? Please include any problems you had filling a prescription or getting mental, disability or dental care? (If "no", go to question #15).

- Yes
- No (Skip to #15)
- Refused/No Response (Skip to #15)

14. Which of these problems did you have? I have a list of different type of problems that you may have encountered. As I read this list, please tell me "yes" or "no" if this was a problem that you had. I can also write-in any additional problems that aren't on my list. (Read choices and allow time for yes or no for each).

- | | |
|---------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> I didn't have health insurance | <input type="checkbox"/> I couldn't get an appointment |
| <input type="checkbox"/> I didn't have transportation | <input type="checkbox"/> Interpreter who speaks my language was not available |
| <input type="checkbox"/> I didn't have separate dental insurance | <input type="checkbox"/> My insurance was not accepted by my health care provider (doctor, pharmacy, dentist, etc.) |
| <input type="checkbox"/> I didn't have child care | <input type="checkbox"/> I had problems with Medicare D |
| <input type="checkbox"/> My insurance didn't cover what I needed | <input type="checkbox"/> Other: _____ |
| <input type="checkbox"/> I didn't know where to go for care /difficulty navigating system | <input type="checkbox"/> Refused/No Response |
| <input type="checkbox"/> Could not afford out-of-pocket cost (whole cost/deductible/co-pay) | |
| <input type="checkbox"/> I <u>can</u> afford it, but I don't want to pay that much | |

15. If a friend or family member needed counseling for a mental health or a drug/alcohol abuse problem, who is the first person you would tell them to call or talk to? (DO NOT read the options. If they can't think of any...Here are some possibilities. Read responses. Select one.)

- | | |
|--------------------------------------------------------|----------------------------------------------------------|
| <input type="radio"/> Doctor | <input type="radio"/> School counselor |
| <input type="radio"/> Family member | <input type="radio"/> Minister/religious official/church |
| <input type="radio"/> Support group (e.g. AA, Al-Anon) | <input type="radio"/> Other: _____ |
| <input type="radio"/> Private counselor or therapist | <input type="radio"/> I Don't know/Not sure |
| | <input type="radio"/> Refused/No Response |

16. Where do you engage in exercise or physical activities? (check all that apply then skip to #18 unless the response is "I don't exercise." Continue on to #17 if respondent does NOT exercise)

- | | |
|--------------------------------------------------------------|-------------------------------------------------|
| <input type="checkbox"/> I don't exercise | <input type="checkbox"/> Faith community |
| <input type="checkbox"/> Public rec center, parks, or trails | <input type="checkbox"/> Malls |
| <input type="checkbox"/> Home | <input type="checkbox"/> School setting |
| <input type="checkbox"/> Neighborhood | <input type="checkbox"/> Other (specify): _____ |
| <input type="checkbox"/> Private gym/pool | <input type="checkbox"/> Refused/No Response |
| <input type="checkbox"/> Work | |

17. Are there any reasons why you don't exercise? You can give as many reasons as you need.

(Let them answer and repeat the category checked in the list. Select all that apply.)

- | | |
|--------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> I don't like to exercise | <input type="checkbox"/> I don't have access to a facility that has the things I need, like a pool, track, etc. |
| <input type="checkbox"/> I would need child care and I don't have it | <input type="checkbox"/> There is no safe place to exercise |
| <input type="checkbox"/> It costs too much to exercise (equipment, shoes, gym) | <input type="checkbox"/> I don't have enough time to exercise |
| <input type="checkbox"/> I'm physically unable | <input type="checkbox"/> I don't need to exercise |
| <input type="checkbox"/> I'm too tired to exercise | <input type="checkbox"/> Other (specify): _____ |
| | <input type="checkbox"/> Refused/No Response |

18. Most of us don't eat healthy all the time. What keeps you from eating a healthy diet? I have a list of few things that make it hard for people to eat a healthy diet, let me know if any of these apply to you. (Read choices and allow time for yes or no for each)

- Healthy food doesn't taste good
- Healthy food costs too much
- It takes too much time to prepare and shop for healthy choices
- I don't know how to prepare the food we like (or food in general) in a healthy way
- It's hard to find healthy choices when you eat outside the home
- There aren't places in my neighborhood to buy healthy foods
- Because nobody else in my family would eat it
- Other: _____
- I don't want to answer

19. In the last 12 months, did you or others in your household ever cut the size of a meal or skip meals because there wasn't enough money for food? (Choose one)

- Yes
- No
- I don't want to answer

20. If you smoke cigarettes, where would you go for help in order to quit?

(Let them answer and repeat the category checked in the list. Select all that apply.)

- | | |
|----------------------------------------------------------------|-----------------------------------------------------------------------------------------------|
| <input type="checkbox"/> I do not smoke | <input type="checkbox"/> Health insurance company |
| <input type="checkbox"/> Not applicable (I don't want to quit) | <input type="checkbox"/> Work |
| <input type="checkbox"/> Doctor | <input type="checkbox"/> Quit line |
| <input type="checkbox"/> Pharmacy | <input type="checkbox"/> Just quit ("cold turkey")/ I don't need help (I can quit on my own) |
| <input type="checkbox"/> Church | <input type="checkbox"/> Other (specify):_____ |
| <input type="checkbox"/> Private counselor/ therapist | <input type="checkbox"/> Don't know/Not sure |
| <input type="checkbox"/> Health department | <input type="checkbox"/> Refused/No Response |

21. Has a doctor, nurse, or other health professional EVER told you that you had any of the following health issues? For each, tell me "Yes", "No" or you're "Not sure."

(Read each answer and circle the correct response):

Asthma	Yes	No	Not sure	NR
Depression or anxiety	Yes	No	Not sure	NR
High blood pressure	Yes	No	Not sure	NR
High cholesterol	Yes	No	Not sure	NR
Overweight/obesity	Yes	No	Not sure	NR
Osteoporosis	Yes	No	Not sure	NR
Chronic pain	Yes	No	Not sure	NR
Cancer	Yes	No	Not sure	NR
Lung Disease	Yes	No	Not sure	NR
Diabetes not during pregnancy	Yes	No	Not sure	NR
Kidney Disease	Yes	No	Not sure	NR
If yes, do you get dialysis	Yes	No	Not sure	NR

22. Now I'm going to ask you a few questions about the people you provide care for. Some people provide help to a family member or friend who has a long-term illness or disability. This may include help with things they can no longer do for themselves. During the past 12 months, did you provide any such help to a family member or friend, and if so, what was your relationship to that person? (If response is yes, choose all that apply. If no, mark NONE and skip to #27.)

- | | |
|-----------------------------------------------------------------|------------------------------------------------------------|
| <input type="checkbox"/> Elderly or disabled parent/grandparent | <input type="checkbox"/> Disabled spouse/partner |
| <input type="checkbox"/> Disabled child | <input type="checkbox"/> Friend with chronic illness |
| <input type="checkbox"/> Grandchild | <input type="checkbox"/> None (skip to #27) |
| <input type="checkbox"/> Foster child(ren) | <input type="checkbox"/> Other (specify)_____ |
| | <input type="checkbox"/> Refused/No Response (skip to #27) |

23. Do you care for that person in your own home? *Select one*

- Yes
- No (skip to #25)
- Refused/No Response

24. Does that person require any of the following special equipment: *Read the list choose all that apply*

- | | |
|---------------------------------------------|-----------------------------------------------|
| <input type="checkbox"/> Ventilator | <input type="checkbox"/> None |
| <input type="checkbox"/> Oxygen | <input type="checkbox"/> Other (specify)_____ |
| <input type="checkbox"/> Wheelchair | <input type="checkbox"/> Refused/No Response |
| <input type="checkbox"/> Dialysis equipment | |

25. In the past 12 months, did you have a difficult time finding additional care or support for the person or people indicated above?

- Yes
- No (skip to #27)
- Refused/No Response

26. If yes, what was the **main** reason you, the caregiver, had this problem?

(Let them answer and repeat the category checked in the list. Choose one).

- Access to services
- Transportation
- I don't know where services are available
- Caregiver illness
- Work responsibilities
- Can't pay for services
- Couldn't find a suitable long-term care facility
- Other (specify):_____
- Refused/No Response

27. Do you have any children between the ages of 3 and 18? *(If no, go to #30)*

- Yes
- No (skip to #30)
- Refused/No Response (skip to #30)

28. Do you talk to your children about any of the following topics?

(Offer to read options or hand them list and check all that apply).

- | | |
|---------------------------------------------------------------|------------------------------------------------------------------------------------|
| <input type="checkbox"/> Alcohol use | <input type="checkbox"/> Exposure to negative/risky internet content |
| <input type="checkbox"/> Tobacco use | <input type="checkbox"/> Eating disorders |
| <input type="checkbox"/> Drug use, including prescriptions | <input type="checkbox"/> Bullying |
| <input type="checkbox"/> Guns | <input type="checkbox"/> Mistreatment of Animals/Pets |
| <input type="checkbox"/> Sexual activity/pregnancy prevention | <input type="checkbox"/> Texting while driving |
| <input type="checkbox"/> Reckless driving/speeding | <input type="checkbox"/> Domestic/sexual abuse prevention |
| <input type="checkbox"/> Truancy (skipping school) | <input type="checkbox"/> Other (specify):_____ |
| <input type="checkbox"/> Gangs | <input type="checkbox"/> I don't think my child is engaging in any risky behaviors |
| <input type="checkbox"/> Suicide | <input type="checkbox"/> Refused/No Response |
| <input type="checkbox"/> Criminal activities | |

29. Do you think any of your children or your children’s friends are engaging in any of the following risky behaviors I am about to read? (Read list and check all that apply).

- | | |
|------------------------------------------------------------|------------------------------------------------------------------------------------|
| <input type="checkbox"/> Alcohol use | <input type="checkbox"/> Suicidal behavior |
| <input type="checkbox"/> Tobacco use | <input type="checkbox"/> Exposure to negative/risky internet content |
| <input type="checkbox"/> Drug use, including prescriptions | <input type="checkbox"/> Eating disorders |
| <input type="checkbox"/> Guns | <input type="checkbox"/> Bullying |
| <input type="checkbox"/> Sexual activity | <input type="checkbox"/> Texting while driving |
| <input type="checkbox"/> Reckless driving/speeding | <input type="checkbox"/> Other (<i>specify</i>): _____ |
| <input type="checkbox"/> Truancy (skipping school) | <input type="checkbox"/> I don’t think my child is engaging in any risky behaviors |
| <input type="checkbox"/> Gangs | <input type="checkbox"/> <i>I Don’t Know/Not Sure</i> |
| <input type="checkbox"/> Mistreatment of Animals/Pets | <input type="checkbox"/> <i>Refused/No Response</i> |
| <input type="checkbox"/> Criminal activities | |

PART 3: Community Health

THE NEXT SET OF QUESTIONS WILL ASK ABOUT COMMUNITY PROBLEMS, ISSUES, AND SERVICES THAT ARE IMPORTANT TO YOU. REMEMBER YOUR CHOICES WILL NOT BE LINKED TO YOU IN ANY WAY

30. Please look at this list of community issues. (Give person the sheet of community issues.) In your opinion, what are the TOP FIVE (5) issues that most affect the quality of life in Pender County? If there is a community problem that you consider the most important and it is not on this list, please let me know and I will write it in. If you would like, I can read these out loud as you think about them. (Read health problems if they prefer to have them read.)

- | | |
|----------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> Low income/poverty | <input type="checkbox"/> Lack of/inadequate health insurance |
| <input type="checkbox"/> Unemployment/employment opportunities | <input type="checkbox"/> Lack of access to primary care physicians |
| <input type="checkbox"/> Violent crime (murder, assault, etc.) | <input type="checkbox"/> Dropping out of school |
| <input type="checkbox"/> Property crime (burglary, vandalism, shoplifting, etc.) | <input type="checkbox"/> Access to educational opportunities |
| <input type="checkbox"/> Gun violence/ accidents | <input type="checkbox"/> Pollution (air, water, land) |
| <input type="checkbox"/> Drug abuse (illicit/prescriptions) | <input type="checkbox"/> Animal Shelter/Animal Control |
| <input type="checkbox"/> Alcohol abuse | <input type="checkbox"/> Lack of transportation options (bike & pedestrian access, public transportation) |
| <input type="checkbox"/> Elder abuse | <input type="checkbox"/> Unsafe, un-maintained roads |
| <input type="checkbox"/> Child abuse | <input type="checkbox"/> Reckless driving/driving while impaired |
| <input type="checkbox"/> Suicide | <input type="checkbox"/> Pest control |
| <input type="checkbox"/> Rape/sexual assault | <input type="checkbox"/> Other: _____ |
| <input type="checkbox"/> Domestic violence | <input type="checkbox"/> None |
| <input type="checkbox"/> Homelessness | <input type="checkbox"/> <i>Refused/No Response</i> |
| <input type="checkbox"/> Discrimination/racism | |
| <input type="checkbox"/> Access to quality education | |

31. (Give the person a list of services.) In your opinion, which FIVE (5) of the following services need the most improvement in your neighborhood or community? If there is a service that you think needs improvement that is not on this list, please let me know and I will write it in. If you would like, I can read these out loud as you think about them. (Read health problems aloud if they prefer.)

- | | |
|---------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|
| <input type="checkbox"/> Better/more healthy food choices | <input type="checkbox"/> Mental health services |
| <input type="checkbox"/> Access to assistance for food | <input type="checkbox"/> Support to help me manage my health conditions |
| <input type="checkbox"/> Positive teen activities | <input type="checkbox"/> Better educational opportunities |
| <input type="checkbox"/> More affordable/better housing | <input type="checkbox"/> Transportation options |
| <input type="checkbox"/> Child care options | <input type="checkbox"/> Road safety/maintenance |
| <input type="checkbox"/> Number of health care providers | <input type="checkbox"/> Internet access |
| <input type="checkbox"/> Healthy family activities | <input type="checkbox"/> Cell phone coverage |
| <input type="checkbox"/> Services for disabled people | <input type="checkbox"/> Gun safety |
| <input type="checkbox"/> Higher paying employment | <input type="checkbox"/> Emergency preparedness and response |
| <input type="checkbox"/> Availability of employment | <input type="checkbox"/> Clean water |
| <input type="checkbox"/> Better/more recreational facilities (parks, trails, comm. centers, etc.) | <input type="checkbox"/> Other: _____ |
| <input type="checkbox"/> Elder care options | <input type="checkbox"/> None |
| <input type="checkbox"/> Animal/pest control | <input type="checkbox"/> Refused/No Response |
| <input type="checkbox"/> More affordable health services | |

32. In your opinion, which FIVE (5) health behaviors do people in your own community need more information about? (Do not read choices. Choose "Other" and write in the suggestions if they cannot decide on only one.)

- | | | |
|------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|
| <input type="checkbox"/> Child care/parenting | <input type="checkbox"/> Managing weight | <input type="checkbox"/> Substance abuse prevention (ex: drugs and alcohol) |
| <input type="checkbox"/> Caring for family members with special needs/disabilities | <input type="checkbox"/> Managing chronic conditions (diabetes, COPD, etc.) | <input type="checkbox"/> Getting flu shots and other vaccines |
| <input type="checkbox"/> Going to a dentist for check-ups/preventive care | <input type="checkbox"/> Crime prevention | <input type="checkbox"/> Using child safety seats |
| <input type="checkbox"/> Anger management | <input type="checkbox"/> Gun safety training | <input type="checkbox"/> Preventing sexually transmitted disease (safe sex) |
| <input type="checkbox"/> Going to the doctor for periodic check-ups and screenings | <input type="checkbox"/> Rape/sexual abuse prevention | <input type="checkbox"/> Domestic violence prevention |
| <input type="checkbox"/> Getting prenatal care during pregnancy | <input type="checkbox"/> Elder care | <input type="checkbox"/> Preventing unwanted pregnancy |
| <input type="checkbox"/> Eating well/nutrition | <input type="checkbox"/> Quitting smoking/tobacco use prevention | <input type="checkbox"/> Suicide prevention |
| <input type="checkbox"/> Using seat belts | <input type="checkbox"/> Stress management | <input type="checkbox"/> Driving safely |
| <input type="checkbox"/> Exercising/fitness | <input type="checkbox"/> How to prepare for an emergency/disaster | <input type="checkbox"/> Bicycle and pedestrian safety |
| | | <input type="checkbox"/> Other: _____ |
| | | <input type="checkbox"/> None |
| | | <input type="checkbox"/> Refused/No Response |

33. Is there one thing you would like share with us that you think would make Pender County or your community a healthier place to live?

Record response: _____

PART 4: Emergency Preparedness

Now I'm going to ask you questions about emergency preparedness, or preparing for a disaster or emergency.

34. What would be your top source of information in a large-scale disaster or emergency? (Let them answer and then repeat the category checked in the list. Choose one).

- | | |
|---------------------------------------------------|----------------------------------------------|
| <input type="radio"/> Television | <input type="radio"/> 211 |
| <input type="radio"/> Radio | <input type="radio"/> 911 |
| <input type="radio"/> Internet | <input type="radio"/> Other (specify): _____ |
| <input type="radio"/> Smartphone | <input type="radio"/> Don't know/Not sure |
| <input type="radio"/> Print media (ex: newspaper) | <input type="radio"/> Refused/No Response |
| <input type="radio"/> Neighbors or word of mouth | |

[Note: 211 is a community hotline that provides callers with information about and referrals to human services for every day needs and in times of crisis].

35. Does anyone in your household have a disability that would make it more difficult to deal with an emergency like a hurricane, power outage, etc.?

- | | |
|---------------------------|-------------------------------------------|
| <input type="radio"/> Yes | <input type="radio"/> Don't know/Not sure |
| <input type="radio"/> No | <input type="radio"/> Refused/No Response |

36. If public authorities announced a mandatory evacuation from your community due to a large-scale disaster or emergency, would you evacuate?

- | | |
|---------------------------|-------------------------------------------|
| <input type="radio"/> Yes | <input type="radio"/> Don't know/Not sure |
| <input type="radio"/> No | <input type="radio"/> Refused/No Response |

37. What would be the main reason you might not evacuate if asked to do so?

(Read choices only if necessary. Choose one.)

- | | |
|---------------------------------------------------------------------------|------------------------------------------------------------------------------------|
| <input type="radio"/> Lack of transportation | <input type="radio"/> Concern about leaving property behind |
| <input type="radio"/> Lack of trust in public officials | <input type="radio"/> Concern about family safety |
| <input type="radio"/> Concern about personal safety | <input type="radio"/> No reason, I <u>would</u> definitely evacuate no matter what |
| <input type="radio"/> Concern about leaving pets | <input type="radio"/> Other (specify): _____ |
| <input type="radio"/> Concern about traffic jams and inability to get out | <input type="radio"/> Don't know/Not sure |
| <input type="radio"/> Health problems (could not be moved) | <input type="radio"/> Refused/No Response |

38. Do you know about the county's emergency information program called Code Red? Choose one.

- | | |
|---------------------------|-------------------------------------------|
| <input type="radio"/> Yes | <input type="radio"/> Don't know/Not sure |
| <input type="radio"/> No | <input type="radio"/> Refused/No Response |

39. If yes, have you signed up? Choose one. If YES give them the form to complete.

- | | |
|---------------------------|-------------------------------------------|
| <input type="radio"/> Yes | <input type="radio"/> Don't know/Not sure |
| <input type="radio"/> No | <input type="radio"/> Refused/No Response |

PART 5: Demographics

We are almost finished! We just need to know a little more about who you are. Just to remind you, all the information you give us will be completely confidential. It will be reported only as a group summary.

40. What year were you were born? _____(enter year)
 Refused/No Response

41. What is your sex? (This question may be answered by the interviewer without asking)
 Male
 Female

42. Are you of Hispanic, Latino, or Spanish origin?
 Yes
 No
 Refused/No Response

43. How do you identify your race? (If they do not respond immediately, read the categories. If they are a multiracial check "multiracial" and add in what races they are. Select all that apply.)
 White/Caucasian
 Black or African American
 Asian/Pacific Islander
 Native American
 Multiracial
 Refused/No Response
 Other (specify): _____

44. What language(s) do you speak at home? (Let them answer and repeat the category checked in the list.)
 English
 Spanish
 Other (specify): _____

45. What is the highest level of school, college or training that you have completed?
(Read only if necessary. Mark only one.)

- Never attended school or only attended kindergarten
- Grades 1 through 8 (elementary)
- Grades 9 through 11 (some high school, no diploma)
- Grades 12 or GED (high school graduate)
- College 1 year to 3 years (some college or technical school)
- College 4 years or more (college graduate)
- Graduate school or higher
- Prefer not to answer (Refused/No Response)

46. Including yourself, how many people live in your household? Include those that you claim as a dependent or that live with you at least ½ of the year
_____ (Enter #)

Refused/No Response

47. Is your annual household income GREATER than \$XX,XXX before taxes? (Based on answer to question # 47 and the table below.)

- Yes, income is above threshold
- No, income is at or below threshold
- Don't know/Not sure
- Refused/No Response

Family size	Annual	Monthly	Weekly
1	\$12,000	\$1,000	\$ 225
2	\$16,000	\$1,300	\$ 300
3	\$20,000	\$1,600	\$ 400
4	\$24,000	\$2,000	\$ 460
5	\$28,000	\$2,300	\$ 540
6	\$32,000	\$2,700	\$ 620
7	\$36,000	\$3,000	\$ 700
8	\$40,000	\$3,300	\$ 770
9	\$44,000	\$3,700	\$ 850
10	\$48,000	\$4,000	\$ 930

(Add \$4,000 per/year per individual for households greater than 10)

[Note: If you are asked about child support: If you are paying child support but your child is not living with you, this still counts as someone living on your income. Count a member of the household if they live with you for at least half the year.]

48. What is your employment status? (Let them answer and repeat the category checked in the list. Check all that apply).

- Employed full-time
- Employed part-time
- Retired
- Student
- Unemployed short-term (less than 27 weeks)
- Unemployed long-term (27 weeks or more)
- Disabled
- Homemaker
- More than one job
- Refused/No Response

49. Which form of communication do you regularly use? (Ask each, and check all that apply)

- Land line telephone
- Cell phone
- Texting
- Email
- Facebook
- Twitter
- Other _____
- I don't want to answer

PART 6: Health Department Questions

- 50. Have you used any of the health department's services within the past year?** (If no, skip to #53)
- Yes
 - No (skip to #53)
 - Don't know/Not sure
 - Refused/No Response

- 51. Which of the Health Department's sites did you visit?** (check all that apply)

- Burgaw
- Hampstead
- I don't want to answer

- 52. Which services did you use?** (hand respondent sheet and offer to read choices, check all that apply then SKIP to #54)

- Child Health
- Immunizations
- Maternity
- Women, Infants, Children (WIC)
- Vital Records
- Animal Shelter
- Pregnancy Care Management
- Diabetes Self-Management Program
- Family Planning
- Laboratory
- Community Care 4 Children
- Communicable Disease
- Eligibility
- Postpartum Home Visit
- Newborn Home Visit
- Colposcopy Clinic
- Tuberculosis
- STD
- Breast and Cervical Cancer Control Program (BCCCCP)
- Emergency Preparedness
- Environmental Health
- Refused/No Response

- 53. If you have never used the health department, please tell us why?** (check all that apply then SKIP to #55)

- I have another doctor
- I was not happy about the services I received
- I haven't heard good things about the health department
- Other (please specify)_____
- I don't want to answer

- 54. How did you find out about the Health Department's services?** (check all that apply)

- Recommended by a friend/relative
- Information in newspaper
- Referred by Social Services or Physician
- Sign out front
- Other (specify)_____
- Refused/No Response

55. What are some things that would make you more likely to visit the Pender County Health Department?

(Read choices and check all that apply)

- Extended hours
- Receiving more information about what all the health department offers
- There is nothing that would make me more likely to visit
- Other (specify)_____
- Refused/No Response

56. The Pender County Health Department is open from 8:00 a.m. to 5:00 p.m., Monday to Friday. How do you feel about the hours of operation?

(Read choices and then check all that apply)

- These hours are just right
- They should be open earlier than 8:00 a.m.
- They should close later than 5:00 p.m. at least one day a week
- They should close later than 5:00 p.m. every day
- Refused/No Response

Other comments on hours:_____

57. Are there any services that you would like to see offered at the Health Department?

*(Specify other):*_____

That's the end! Thank you very much for completing the Community Health Survey. The results will be available on the PenderGov website by the end of the year. (Hand participant gift bag). As a token of our appreciation for participating, please accept this gift bag. (Hand participant flyer if you haven't already and point to phone number). If you have any questions or concerns about the survey you please call the number on this flyer or send us an email.

APPENDIX C: COMMUNITY HEALTH OPINION SURVEY RESULTS

Weighted Frequency Results

Source: North Carolina Institute of Public Health. Note: 'Total' refers to the total number of respondents or the 'n' and not the total number of responses. Frequencies were not calculated for 'other' or 'no response' in some cases.

PART 1: Community

1. How do you feel about this statement, "I can access good healthcare in Pender County"?

(Consider the cost and quality, number of options, and availability of healthcare in the county).

Quality of Life Healthcare Access				
	Frequency	Percent	95% Confidence Limits	
Strongly Disagree	10	4.39	1.61	7.17
Disagree	31	14.81	10.00	19.62
Neutral	56	25.63	17.39	33.88
Agree	95	45.09	38.07	52.11
Strongly Agree	19	10.07	5.45	14.70
Total	211	100		

2. "I think Pender County is a good place to raise children"?

(Consider the quality and safety of schools and child care programs, after school programs, and places to play in this county).

Quality of Life: Raising Children				
	Frequency	Percent	95% Confidence Limits	
Strongly Disagree	1	0.60	0	1.82
Disagree	15	6.99	3.58	10.40
Neutral	8	3.52	1.00	6.05
Agree	135	62.95	57.54	68.37
Strongly Agree	52	25.93	19.49	32.38
Total	211	100		

3. "I think Pender County is a good place to grow old"?

(Consider the county's elder-friendly housing, transportation to medical services, recreation, and services for the elderly).

Quality of Life: Growing Old				
	Frequency	Percent	95% Confidence Limits	
Strongly Disagree	2	0.75	0	1.90
Disagree	16	7.75	4.20	11.30
Neutral	10	3.78	0.86	6.69
Agree	139	66.18	58.04	74.31
Strongly Agree	43	21.55	13.67	29.42
Total	210	100		
Frequency missing = 1				

4. **“I can find enough economic opportunity in Pender County”?** (Consider the number and quality of jobs, job training/higher education opportunities, and availability of affordable housing in the county).

Quality of Life: Economic Opportunity				
	Frequency	Percent	95% Confidence Limits	
Strongly Disagree	24	12.18	6.62	17.74
Disagree	87	41.68	33.45	49.90
Neutral	46	20.46	15.21	25.72
Agree	46	22.99	16.43	29.56
Strongly Agree	5	2.69	0.41	4.96
Total	208	100		
Frequency missing = 3				

5. **“I feel safe living in Pender County.”** (Consider how safe you feel at home, in the workplace, in schools, at playgrounds, parks, and shopping centers in the county).

Quality of Life: Safety				
	Frequency	Percent	95% Confidence Limits	
Strongly Disagree	12	5.82	2.37	9.27
Disagree	9	3.99	0.91	7.07
Neutral	140	67.55	60.72	74.38
Agree	49	22.64	15.51	29.78
Strongly Agree	12	5.82	2.37	9.27
Total	210	100		
Frequency missing = 1				

6. **“I think there’s enough help for people during times of need in Pender County”?** (Consider social support in this county: neighbors, support groups, faith community outreach, community organizations, and emergency monetary assistance).

Quality of Life: Help in Times of Need				
	Frequency	Percent	95% Confidence Limits	
Strongly Disagree	9	4.85	0.57	9.14
Disagree	34	16.01	10.00	22.02
Neutral	45	20.65	14.52	26.79
Agree	107	51.51	42.98	60.04
Strongly Agree	14	6.98	3.73	10.23
Total	209	100		
Frequency missing = 2				

7. **“I can find enough recreational and entertainment opportunities in Pender County”** (Consider parks, beach access and trails).

Quality of Life: Recreation				
	Frequency	Percent	95% Confidence Limits	
Strongly Disagree	15	6.80	3.10	10.50
Disagree	61	29.23	22.06	36.39
Neutral	26	12.73	8.19	17.27
Agree	90	42.77	34.39	51.15
Strongly Agree	17	8.48	3.49	13.46
Total	209	100		
Frequency missing = 2				

PART 2: Health

8. In general, would you say that your health is...

Personal Health Rating				
	Frequency	Percent	95% Confidence Limits	
Excellent	34	15.95	10.26	21.65
Good	101	47.82	41.10	54.53
Fair	59	27.38	19.77	34.98
Poor	17	8.85	5.03	12.67
Total	211	100		

9. During the past 12 months, was there any time when you did not have **any** health insurance coverage? (This includes private insurance purchased through work or individually, military health benefits (Tricare, VA, etc.), Medicare, Medicaid, or any other program that assists with providing health services at a reduced cost.)

Did Not Have Health Insurance In Past 12 Months				
	Frequency	Percent	95% Confidence Limits	
Yes	170	82.20	74.29	90.11
No	40	17.29	9.86	24.71
Refused	1	0.51	0	1.56
Total	211	100		

10. If you have health insurance, what is your primary health insurance plan? This is the plan which pays the medical bills first or pays most of the medical bills.

Primary Health Insurance Plan				
	Frequency	Percent	95% Confidence Limits	
Medicare	79	47.31	39.65	54.96
Private plan purchased from employer or workplace	49	29.34	22.36	36.32
Medicaid	12	7.19	3.23	11.14
The military, Tricare, CHAMPUS, or the VA	10	5.99	2.35	9.62
Private plan purchased directly from an insurance	9	5.39	1.93	8.85
Private plan purchased through government health	3	1.80	0	3.83
Other government plan	2	1.20	0	2.86
The State Employee Health Plan	2	1.20	0	2.86
Don't know/Not Sure	1	0.60	0	1.78
Total	167	100		
Frequency Missing = 44				

11. Where do you go most often when you are sick?

Where Goes When Sick				
	Frequency	Percent	95% Confidence Limits	
Doctor's Office	156	74.72	68.00	81.44
Emergency Room	10	5.52	1.81	9.24
Hospital	10	5.29	1.99	8.59
Other	14	6.66	2.95	10.37
Pender County Health Department	6	2.77	0.11	5.43
Urgent Care	9	3.83	1.037	6.62
Refused/No Response	3	1.21	0	2.66
Total	208	100		
Frequency missing = 3				

Other: New Hanover, NHRMC, None, OBGYN, Don't know, Veterans Affairs, Wilmington Health

12. About how long has it been since you last visited a doctor for a routine checkup? This does not include any times you visited the doctor because you were sick, pregnant or for chronic disease.

How Long Since Last Visit To Doctor For Routine Checkup				
	Frequency	Percent	95% Confidence Limits	
Within Past Year	172	82.21	75.90	88.52
1-2 Years Ago	24	11.33	5.58	17.09
3-5 Years Ago	4	1.82	0.0404	3.61
More Than 5 Years Ago	6	2.51	0.37	4.65
I have never had a routine checkup	3	1.26	0	2.77
Don't Know/Not Sure	2	0.87	0	2.12
Total	211	100		

13. In the past 12 months, did you ever have a problem getting the health care you needed? Please include any problems you had filling a prescription or getting mental, disability or dental care?

Problem Getting Needed Health Care in Past 12 Months				
	Frequency	Percent	95% Confidence Limits	
No	176	83.98	78.21	89.75
Yes	35	16.02	10.25	21.79
Total	211	100		

14. Which of these problems did you have? I have a list of different type of problems that you may have encountered. Choose all that apply (n=35)

Problems Getting Health Care				
Type of Problem	Frequency	Percent	95% Confidence Limits	
No Insurance	16	45.71	28.35	63.08
Can Afford, but I don't Want to Pay Cost	10	28.57	12.83	44.32
Could not Get Appointment	1	2.86	0	8.66
No Child Care	1	2.86	0	8.66
Could not afford out-of-pocket cost	4	11.43	0.34	22.52
No Separate Dental	4	11.43	0.34	22.52
Insurance not Accepted	3	8.57	0	18.33
Language barrier	3	8.57	0	18.33
Problems with Medicare D	1	2.86	0	8.66
Insurance Did Not Cover needed	4	11.43	0.34	22.52
No Transportation	4	11.43	0.34	22.52
Did not Know Where to Go	1	2.86	0	8.66
Frequency Missing = 176				

Other (n=11): Go outside of county, could not get dental services at health department, waiting on insurance to approve medication, problems with pharmacy (did not carry medications, issues with refill), problems accessing VA services, unable to help with insurance coverage

15. If a friend or family member needed counseling for a mental health or a drug/alcohol abuse problem, who is the first person you would you tell them to call or talk to?

Who To Talk To For Mental Health/Drug or Alcohol Abuse Counseling				
	Frequency	Percent	95% Confidence Limits	
Doctor	65	31.22	25.32	37.11
Family Member	11	5.26	0.95	9.57
Support Group	2	7.40	3.21	11.60
Private Counselor/Therapist	25	11.37	7.21	15.53
Minister/Religious Official/Church	18	8.08	3.83	12.32
Other	23	11.83	4.84	18.82
Don't Know/Not Sure	46	23.79	16.67	30.90
Refused/No Response	2	1.05	0	2.55
Total	205	100		
Frequency missing = 6				

Other (n=24): Pender Co. Health Department, Coastal Horizons Care, ER (New Hanover), law enforcement, religion, social services, South Care, VA, VIT LINK, Wilmington Treatment Centers.

16. Where do you engage in exercise or physical activities? Choose all that apply (n=211)

Where do you Engage in Exercise? (Choose all that apply)				
	Frequency	Percent	95% Confidence Limits	
Neighborhood	49	23.08	15.49	30.66
Public Center/Park/Trail	22	9.94	4.65	15.24
Home	94	44.35	35.78	52.92
Private Gym/Pool	27	13.26	7.12	19.39
Work	21	10.42	5.99	14.85
School Setting	2	0.91	0	2.21
Faith Community	4	1.73	0	3.92
Malls	3	1.46	0	3.17
Do not exercise	33	15.37	10.44	20.30

Other (n=13): Beach, farming/hunting, health department, Heritage House, woods, Kiwanis park, rehab, river, tennis, senior center, volunteer fire department

17. Are there any reasons why you don't exercise?

Reasons For No Exercise: n = 33; Missing = 178				
	Frequency	Percent	95% Confidence Limits	
Physically Unable	14	42.42	24.63	60.22
Not Enough Time	4	12.12	0.37	23.87
Do Not Like It	7	21.21	6.49	35.93
No Childcare	1	3.03	0	9.20
Too Expensive	1	3.03	0	9.20
No Safe Place	1	3.03	0	9.20
No Access to Facility	3	9.09	0	19.44
Do Not Need To	0	0	0	0
Too Tired	2	6.06	0	14.65

Other (n=8): Don't feel like it, health reasons, just don't, need assistance, recent surgery, weather not comfortable

18. What keeps you from eating a healthy diet?

Reasons Don't Eat Healthy n=193; Missing = 18				
	Frequency	Percent	95% Confidence Limits	
Healthy food doesn't taste good	15	8.32	3.99	12.65
Healthy food costs too much	62	31.85	24.16	39.53
It takes too much time to prepare and shop for healthy choices	35	18.31	13.03	23.60
I don't know how to prepare the food we like (or food in general) in a healthy way	15	6.91	2.85	10.97
It's hard to find healthy choices when you eat outside the home	44	23.73	16.48	31.00
There aren't places in my neighborhood to buy healthy foods	35	18.24	10.83	25.65
Because nobody else in my family would eat it	24	12.01	7.47	16.55

Other (n=69): eat healthy (n=36), no reason, lack of self-control, limited organic options, culture, diabetic, forget, health conditions, spouse, lack garden, personal.

19. In the last 12 months, did you or others in your household ever cut the size of a meal or skip meals because there wasn't enough money for food?

Cut or Skip Meals				
	Frequency	Percent	95% Confidence Limits	
Yes	26	11.82	6.28	17.35
No	181	88.18	82.65	93.72
Total	207	100		
Frequency missing = 4				

20. If you smoke cigarettes, where would you go for help in order to quit?

Where To Go To Quit Smoking? n=207, missing=4				
	Frequency	Percent Just Smokers	95% Confidence Limits	
Doctor	22	10.27	5.09	15.46
Cold Turkey	7	3.82	0.63	7.00
Don't want to quit	8	3.68	0.85	6.51
Quit Line	3	1.49	0	3.65
Health Insurance Company	1	0.60	0	1.82
Work	1	0.45	0	1.36
Private Counselor/Therapist	1	0.36	0	1.09
Pharmacy	1	0.24	0	0.73
Church	0	0	0	0
Health Department	0	0	0	0
Do Not Know	8	3.67	0.69	6.66
Do not smoke	157	74.55	66.98	82.13

Other (n=6): VA, Chantix, e-cigarettes, family member

21. Has a doctor, nurse, or other health professional EVER told you that you had any of the following health issues?

Health Issues n=207, missing=4				
	Frequency	Percent	95% Confidence Limits	
Asthma	27	12.34	6.42	18.26
Depression/Anxiety	58	26.99	20.91	33.07
High BP	105	51.70	43.76	59.64
High Cholesterol	91	44.55	35.68	53.43
Overweight/ obesity	80	39.68	4.64	30.17
Osteoporosis	30	14.55	9.73	19.38
Chronic Pain	55	27.40	21.20	33.60
Cancer	21	10.29	5.63	14.94
Lung Disease	15	7.31	3.65	10.97
Diabetes (not during pregnancy)	39	18.45	11.30	25.61
Kidney Disease	13	6.77	3.09	10.44
Dialysis	2	1.98	0	4.91

22. Some people provide help to a family member or friend who has a long-term illness or disability. This may include help with things they can no longer do for themselves. During the past 12 months, did you provide any such help to a family member or friend, and if so, what was your relationship to that person?

Provide Care Due To Long Term Illness/Disability				
	Frequency	Percent	95% Confidence Limits	
None	133	64.13	56.49	71.77
Elderly/Disabled Parent/Grandparent	27	14.62	10.54	18.69
Disabled Spouse/partner	10	4.67	1.48	7.85
Friend w/ Chronic Illness	11	4.57	1.38	7.75
Disabled grandchild	5	2.60	0.39	4.81
Disabled child	2	1.14	0	2.77
Foster Child	0	0	0	0
Total	205			
Frequency Missing = 6				

Other (n=18): anyone in need, family member (in-law, sibling, nephew, aunt, uncle)

23. Do you care for that person in your own home?

Caregiver at Home				
	Frequency	Percent	95% Confidence Limits	
No	39	57.35	45.29	69.41
Yes	29	42.65	30.59	54.71
Total	68	100		
Frequency Missing = 143				

24. Does that person require any of the following special equipment? (choose all that apply)

Caregiver Equipment				
	Frequency	Percent	95% Confidence Limits	
Ventilator	0	0	0	0
Oxygen	4	13.79	0.44	27.14
Wheelchair	4	13.79	0.44	27.14
Dialysis equipment	0	0	0	0
None	25	86.21	72.86	99.56
Total	29			
Frequency Missing= 182				

Other (n=7): cane, catheter, prosthesis, walker

25. In the past 12 months, did you have a difficult time finding additional care or support for the person or people indicated above?

Trouble Finding Support When Caring For Disabled Friend/Family				
	Frequency	Percent	95% Confidence Limits	
No	25	86.21	72.86	99.56
Yes	4	13.79	0.44	27.14
Total	29	100		
Frequency Missing = 182				

26. If yes, what was the main reason you, the caregiver, had this problem?

Reason Had Trouble Finding Care For Disabled Friend/Family				
	Frequency	Percent	95% Confidence Limits	
Access to Services	2	50	0	100
Transportation	0	0	0	0
I don't know where services are available	1	25	0	100
Work Responsibilities	0	0	0	0
Can't Pay For Services	1	25	0	100
Couldn't Find Suitable Long-Term Care Facility	0	0	0	0
Total	4	100		
Frequency Missing = 207				

27. Do you have any children between the ages of 3 and 18?

Children Ages 3-18				
	Frequency	Percent	95% Confidence Limits	
No	145	72.02	64.82	79.22
Yes	58	27.98	20.78	35.18
Total	203	100		
Frequency Missing = 8				

28. Do you talk to your children about any of the following topics?

Talk To Children Regarding:				
	Frequency	Percent	95% Confidence Limits	
Bullying	41	70.69	58.62	82.76
Guns	40	68.97	56.69	81.24
Tobacco use	40	68.97	56.69	81.24
Drug use, including prescriptions	39	67.24	54.79	79.69
Exposure to negative/risky internet content	37	63.79	51.05	76.54
Alcohol use	36	62.07	49.20	74.94
Criminal activities	34	58.62	45.56	71.68
Mistreatment of Animals/Pets	33	56.90	43.76	70.03
Sexual activity/pregnancy prevention	30	51.72	38.47	64.98
Texting while driving	30	51.72	38.47	64.98
Gangs	29	50.00	36.74	63.26
Reckless driving/speeding	28	48.28	35.02	61.53
Eating disorders	27	46.55	33.32	59.78
Truancy (skipping school)	26	44.83	31.64	58.02
Suicide	23	39.66	26.68	52.63
Domestic/sexual abuse prevention	21	36.21	23.46	48.95
I don't think my child is engaging in any risky behaviors	8	13.79	4.65	22.94
I don't know	3	5.17	0.00	11.05
Total	58			
Frequency Missing = 153				

29. Do you think any of your children or your children's friends are engaging in any of the following risky behaviors I am about to read?

Think Child Engaging:				
	Frequency	Percent	95% Confidence Limits	
Sexual activity/pregnancy prevention	12	20.69	9.95	31.43
Tobacco use	11	18.97	8.57	29.36
Bullying	10	17.24	7.22	27.26
Alcohol use	9	15.52	5.91	25.12
Drug use, including prescriptions	7	12.07	3.43	20.71
Texting while driving	7	12.07	3.43	20.71
Reckless driving/speeding	6	10.34	2.27	18.42
Eating disorders	5	8.62	1.18	16.07
Guns	5	8.62	1.18	16.07
Exposure to negative/risky internet content	5	8.62	1.18	16.07
Truancy (skipping school)	4	6.90	0.18	13.62
Suicide	3	5.17	0.00	11.05
Criminal activities	2	3.45	0.00	8.29
Mistreatment of Animals/Pets	2	3.45	0.00	8.29
Gangs	1	1.72	0.00	5.18
Domestic/sexual abuse prevention	1	1.72	0.00	5.18
Don't know	3	5.17	0.00	11.05
I don't think my child is engaging in any risky behaviors	34	58.62	45.56	71.68
Total	58			
Frequency Missing = 153				

Part 3: Community Health

30. In your opinion, what are the TOP FIVE (5) issues that most affect the quality of life in Pender County?

Community Issues				
	Frequency	Percent	95% Confidence Limits	
Unemployment/employment opportunities	119	57.12	51.47	62.77
Low income/poverty	118	56.65	49.53	63.77
Drug abuse (illicit/prescriptions)	80	38.70	29.57	47.84
Alcohol abuse	42	20.75	15.06	26.44
Reckless driving/driving while impaired	40	20.72	13.72	27.72
Lack of/inadequate health insurance	38	18.31	12.27	24.35
Unsafe, un-maintained roads	31	15.70	10.93	20.47
Dropping out of school	29	15.56	10.14	20.98
Access to quality education	27	14.54	8.60	20.48
Discrimination/racism	27	12.51	6.44	18.59
Animal Shelter/Animal Control	23	10.42	5.66	15.18
Property crime (burglary, vandalism, shoplifting, etc.)	19	9.47	4.78	14.15
Access to educational opportunities	18	9.66	5.61	13.71
Domestic violence	18	8.47	4.04	12.89
Child abuse	15	6.54	2.70	10.37
Gun violence/ accidents	14	6.71	3.23	10.19
Homelessness	13	6.25	2.67	9.84
Violent crime (murder, assault, etc.)	12	6.02	2.39	9.65
Pollution (air, water, land)	11	5.07	1.77	8.37
Lack of access to primary care physicians	9	4.70	1.55	7.84
Lack of transportation options (bike and pedestrian access, public transportation)	8	3.52	0.80	6.23
Pest control	6	3.11	0.71	5.51
Elder abuse	5	2.55	0.37	4.73
Rape/sexual assault	5	2.49	0.31	4.67
Suicide	4	1.81	0.02	3.60
Other (specify below)	29	15.18	8.82	21.54
Total	206	100		
Frequency Missing = 5				

Other:

- Transportation-other (n=18)
- After-hours medical care (n=1)
- Language barriers (n=1)
- Pornography (n=1)
- Regulations on housing (n=1)
- Sidewalks (n=1)
- Sexually Transmitted Diseases (n=1)
- Things for children to engage in outside of school (n=1)

31. In your opinion, which FIVE (5) of the following services need the most improvement in your neighborhood or community?

Services In Need of Improvement				
	Frequency	Percent	95% Confidence Limits	
Higher paying employment	82	41.38	34.85	47.91
Positive teen activities	81	39.53	32.69	46.38
Availability of employment	68	35.74	28.22	43.27
Road safety/maintenance	45	22.31	14.05	30.57
Better/more recreational facilities (parks, trails, comm. centers, etc.)	44	21.66	14.93	28.40
Services for disabled people	43	22.29	15.71	28.87
More affordable health services	42	20.44	14.72	26.16
More affordable/better housing	42	19.22	12.60	25.84
Transportation options	37	18.77	13.07	24.48
Better/more healthy food choices	31	14.81	9.18	20.44
Elder care options	30	14.86	10.25	19.47
Healthy family activities	28	14.49	8.64	20.33
Child care options	27	14.02	8.36	19.67
Cell phone coverage	26	13.58	7.96	19.20
Access to assistance for food	25	12.45	7.41	17.49
Better educational opportunities	24	11.85	7.17	16.54
Animal/pest control	18	8.32	4.65	11.99
Number of health care providers	18	9.15	4.60	13.70
Clean water	14	6.94	3.12	10.76
Gun safety	14	6.11	2.27	9.96
Internet access	14	7.04	2.33	11.76
Mental health services	14	6.84	3.28	10.40
Emergency preparedness and response	13	5.79	2.56	9.01
Support to help me manage my health conditions	5	2.41	0	5.03
Other (specify below)	10	4.83	1.32	8.34
None	9	4.51	0.89	8.14
Total	202	100		
Frequency Missing = 9				

Other:

- Sewage services (n=2)
- Better food options in schools (n=1)
- Clinic in Rocky Point for low-income families (n=1)
- Disaster services inadequate- perception immigrants get more disaster service (n=1)
- Expensive water services (n=1)
- Fire station (n=1)
- Need clothing store in Hampstead (n=1)
- Regulations on trash in the yard (n=1)

32. In your opinion, which FIVE (5) health behaviors do people in your own community need more information about?

Health Behaviors				
	Frequency	Percent	95% Confidence Limits	
Eating well/nutrition	56	29.69	22.18	37.20
Child care/parenting	49	24.64	18.56	30.73
Quitting smoking/tobacco use prevention	41	21.62	12.45	30.79
Exercising/fitness	39	18.87	12.38	25.35
Substance abuse prevention (ex: drugs and alcohol)	39	18.73	12.21	25.24
Crime prevention	37	18.60	13.57	23.62
How to prepare for an emergency/disaster	37	18.47	11.61	25.33
Managing weight	37	18.96	14.18	23.73
Driving safely	36	18.05	12.03	24.07
Caring for family members with special needs/disabilities	35	17.89	12.48	23.30
Stress management	29	14.62	9.25	19.99
Elder care	28	14.21	8.87	19.55
Going to the doctor for periodic check-ups and screenings	28	15.62	9.07	22.17
Domestic violence prevention	25	12.50	7.35	17.65
Gun safety training	25	12.50	7.77	17.22
Going to a dentist for check-ups/preventive care	24	12.63	8.37	16.90
Preventing unwanted pregnancy	23	10.94	5.75	16.13
Getting flu shots and other vaccines	22	11.55	6.42	16.70
Managing chronic conditions (diabetes, COPD, etc.)	21	10.89	5.39	16.39
Bicycle and pedestrian safety	20	10.19	4.86	15.51
Using seat belts	19	10.07	4.69	15.45
Preventing sexually transmitted disease (safe sex)	14	7.07	3.30	10.85
Getting prenatal care during pregnancy	12	6.39	2.31	10.47
Using child safety seats	12	6.43	2.22	10.65
Rape/sexual abuse prevention	8	3.49	0.23	6.75
Suicide prevention	6	2.59	0.35	4.83
Other (specify below)	6	2.62	0.36	4.87
None	19	9.56	5.43	13.69
Total	199	100		
Frequency Missing = 12				

Other:

- EMS and fire localization (n=1)
- Gangs (n=1)
- Public awareness of services (n=1)
- RAD rape aggressive defense class should be offered in Pender (taught at UNCW) (n=1)

33. One thing that would make Pender County a healthier place to live:

Summarized from free text:	Count
Eating better (access, affordability, making healthier choices, places to eat)	12
Access to more recreation facilities (parks, gyms, community centers, skate parks, walking trails)	12
Better/affordable sewer and water systems, including drainage	6
Addressing crime and safety	5
Better access to health care (doctors, hospital, free clinics, 24 hour clinic, expos)	5
More job opportunities	5
More education/outreach (health info, weight management, caregiving strains)	5
More youth opportunities/activities	4
Education (better schools,	3
Addressing Growing Hispanic/Latino population (discrimination, tension with residents)	3
Animal and pest control (leash laws, mosquitoes, concern pesticide use)	3
Better food choices/restaurants	2
Increasing awareness and access for substance abuse	2
More services for seniors	2
Road improvement (dirt roads, sidewalks)	2
Clean up area (including yard and property conditions)	2
Better attitudes, being nice to one another	2
Improve communications (internet and cell service)	1
More housing choices (low income)	1
Other: <ul style="list-style-type: none"> • Distribute services more evenly throughout county • Listen to community about needs • trust spiritual health • the hog farms are only a bother when they are spraying • transportation safety • upgrading pmh • surveys 	7

PART 4: Emergency Preparedness

34. In a disaster, what source would you first turn to for information?

Source For Information In a Disaster				
	Frequency	Percent	95% Confidence Limits	
Television	124	59.58	52.25	66.92
Smartphone	26	12.10	7.12	17.08
Radio	24	10.73	5.74	15.72
Internet	11	5.44	1.98	8.90
Neighbors/word of mouth	6	2.96	0	5.93
911	6	2.88	0.42	5.34
Other	10	5.34	2.13	8.54
Don't Know	1	0.45	0	1.38
Total	209	100		
Frequency Missing = 2				

Other: Pender Emergency Management, call TV station, crank radio, employer, friends/family, health department, law enforcement

35. Does anyone in your household have a disability that would make it more difficult to deal with an emergency like a hurricane, power outage, etc.?

Anyone In Household Have Disability Making It Difficult To Deal With Disaster				
	Frequency	Percent	95% Confidence Limits	
No	177	83.52	77.35	89.68
Yes	30	15.45	9.06	21.85
Don't know	1	0.52	0	1.58
Refused/No response	1	0.52	0	1.58
Total	209	100		
Frequency Missing = 2				

36. If public authorities announced a mandatory evacuation from your community due to a large-scale disaster or emergency, would you evacuate?

Would Evacuate In Mandatory Evacuation				
	Frequency	Percent	95% Confidence Limits	
No	26	12.76	7.96	17.56
Yes	152	73.35	66.55	80.16
Don't Know	28	13.13	8.34	17.92
Refused/No Response	2	0.76	0	1.92
Total	208	100		
Frequency Missing = 3				

37. What would be the main reason you might not evacuate if asked to do so?

Q51 Reason For Not Evacuating In Mandatory Evacuation				
	Frequency	Percent	95% Confidence Limits	
Concern About Leaving Pets	12	22.64	11.00	34.29
Concern About Leaving Property	10	18.87	7.98	29.76
Lack of Trust In Public Officials	3	5.66	0	12.09
Concern About Personal Safety	2	3.77	0	9.08
Concern about traffic jams and inability to get out	2	3.77	0	9.08
Health Problems	1	1.89	0	5.67
Concern About Family Safety	1	1.89	0	5.67
Lack of Transportation	1	1.89	0	5.67
Other	17	32.08	19.09	45.06
No Response	2	3.77	0	9.08
Total	53			
Frequency Missing = 158				

Other: false alarms, do not want to be inconvenienced, first responder, spouse would not want to leave, job requires me to stay, mobility, won't leave for hurricane category 1 or 2, lived here all my life, don't have money to leave, depends on situation

38. Do you know about the county's emergency information program called Code Red?

Code Red Awareness				
	Frequency	Percent	95% Confidence Limits	
No	176	85.63	80.84	90.43
Yes	25	12.55	7.49	17.62
Don't Know	3	1.29	0	2.84
Refused/No Response	1	0.53	0	1.60
Total	205	100		
Frequency Missing = 6				

39. If yes, have you signed up?

Code Red Sign Up				
	Frequency	Percent	95% Confidence Limits	
No	16	72.73	52.52	92.94
Yes	6	27.27	7.06	47.48
Total	22	100		
Frequency Missing = 189				

PART 5: Demographics

40. Age

AGE	Frequency	Percent	95% Confidence Limits	
18-19	1	0.52	0	1.57
20-29	19	8.34	4.37	12.30
30-39	25	11.28	6.26	16.29
40-49	28	15.05	7.19	22.91
50-59	32	14.82	9.51	20.13
60-69	52	24.34	18.13	30.54
70-79	37	18.41	12.10	24.71
Over 80	15	7.26	3.78	10.74
Total	209	100		
Frequency Missing = 2				

41. Gender

Gender				
	Frequency	Percent	95% Confidence Limits	
Male	79	39.25	31.57	46.93
Female	130	60.75	53.07	68.43
Total	209	100		
Frequency Missing = 2				

42. Are you of Hispanic/Latino or Spanish origin?

Hispanic/Latino				
	Frequency	Percent	95% Confidence Limits	
Yes	15	6.82	1.26	12.37
No	192	92.67	86.33	99.00
No response	1	0.52	0	1.57
Total	208	100		
Frequency Missing = 3				

43. How do you identify your race?

Race				
	Frequency	Percent	95% Confidence Limits	
White	175	82.77	74.96	90.59
Black	29	14.27	6.57	21.98
Asian	0	0	0	0
American Indian	1	0.60	0	1.82
Multiracial	4	1.94	0	4.58
Total	209			
Frequency Missing = 2				

44. What language(s) do you speak at home?

Languages Spoken In Home				
	Frequency	Percent	95% Confidence Limits	
English	200	94.54	89.06	100
Spanish	15	7.31	1.03	13.60
Total	211			

Other (n= 5): Czech, German (4), Polish

45. What is the highest level of school, college or training that you have completed?

Highest Level of Education				
	Frequency	Percent	95% Confidence Limits	
Elementary	8	4.17	0.18	8.15
Some High School	19	8.83	4.83	12.82
High School Graduate	67	32.26	25.52	39.00
Some College/Technical School	80	37.24	30.74	80
College Graduate	21	9.84	4.30	15.38
Graduate School or Higher	16	7.66	3.61	11.72
Total	211	100		

46. Including yourself, how many people live in your household?

Household Size				
	Frequency	Percent	95% Confidence Limits	
1	38	19.72	12.63	26.81
2	76	38.91	31.90	45.92
3	32	16.25	10.90	21.61
4	26	12.14	6.69	17.58
5	20	9.35	4.69	14.01
6	5	2.70	0	5.41
7	1	0.38	0	1.16
9	1	0.55	0	1.66
Total	199	100		
Frequency Missing = 12				

47. Is your annual household income GREATER than \$XX,XXX before taxes?

(Add \$4,000 per/year per individual for households greater than 10)

Family size	Annual	Monthly	Weekly
1	\$12,000	\$1,000	\$ 225
2	\$16,000	\$1,300	\$ 300
3	\$20,000	\$1,600	\$ 400
4	\$24,000	\$2,000	\$ 460
5	\$28,000	\$2,300	\$ 540
6	\$32,000	\$2,700	\$ 620
7	\$36,000	\$3,000	\$ 700
8	\$40,000	\$3,300	\$ 770
9	\$44,000	\$3,700	\$ 850
10	\$48,000	\$4,000	\$ 930

Income Greater Than 100% Federal Poverty Threshold				
	Frequency	Percent	95% Confidence Limits	
No	56	25.60	16.22	34.99
Yes	145	69.98	60.71	79.24
Don't Know	5	2.20	0	4.64
No Response	4	2.22	0	4.56
Total	210	100		
Frequency Missing = 1				

48. What is your employment status? (check all that apply)

Employment Status				
	Frequency	Percent	95% Confidence Limits	
Full time	51	24.50	18.19	30.81
Part time	23	10.78	5.7	15.86
Retired	85	40.56	32.23	48.89
Homemaker	14	5.96	1.69	10.23
Student	2	0.81	0	2.00
Unemployed long term	13	6.18	2.42	9.94
Unemployed short term	12	5.17	2.37	7.98
Disabled	20	10.34	4.69	16.00
More than 1 job	2	0.91	0	2.21
Total	211			

49. Which form of communication do you regularly use? (Check all that apply)

Communication				
	Frequency	Percent	95% Confidence Limits	
Land line	93	44.54	37.06	52.02
Cell phone	180	84.59	78.79	90.40
Texting	84	39.03	30.26	47.80
Email	72	33.12	24.74	41.51
Facebook	46	21.35	14.09	28.60
Twitter	9	5.14	1.32	8.97
Total	211			

Other (n=5): Instagram, phone apps, video chat, postal service, Skype, visiting

Part 6: Health Department Questions

50. Have you used any of the health department's services within the past year?

Health Department services				
	Frequency	Percent	95% Confidence Limits	
No	151	72.34	64.85	79.82
Yes	56	27.14	19.75	34.54
Don't Know	1	0.52	0	1.59
Total	208	100		
Frequency Missing = 3				

51. Which of the health department's sites did you visit?

Health Department services				
	Frequency	Percent	95% Confidence Limits	
Burgaw	53	88.33	79.97	96.70
Hampstead	4	6.67	0.17	13.16
Total	57	100		
Frequency Missing = 151				

52. Which services did you use?

Services Used				
	Frequency	Percent	95% Confidence Limits	
Immunizations	27	47.37	34.00	60.73
Child Health	14	24.56	13.04	36.08
Women, Infants, Children (WIC)	11	19.30	8.73	29.86
Environmental Health	9	15.70	6.03	25.55
Family Planning	6	10.53	2.31	18.74
Animal Shelter	2	3.51	0	8.43
Eligibility	2	3.51	0	8.43
Maternity	2	3.51	0	8.43
Community Care 4 Children	1	1.75	0	5.27
Laboratory	1	1.75	0	5.27
Vital Records	1	1.75	0	5.27
Breast and Cervical Cancer Control Program (BCCCP)	0			
Communicable Disease	0			
Colposcopy Clinic	0			
Diabetes Self-Management Program	0			
Emergency Preparedness	0			
Newborn Home Visit	0			
Postpartum Home Visit	0			
Pregnancy Care Management	0			
Sexually Transmitted Diseases (STD)	0			
Tuberculosis	0			
Total	57			
Frequency Missing = 154				

53. If you have never used the health department, please tell us why?

Why not use health department				
	Frequency	Percent	95% Confidence Limits	
I have another doctor	96	64.00	56.23	71.77
I was not happy about the services I received	1	0.67	0	1.98
I haven't heard good things about the health department	3	2.00	0	4.27
Total	150			
Frequency Missing = 61				

Other (n=48): No need (n=15), Distance/convenience (n=9), Used health department in the past (n=8), New to area (n=3), Did not know about health department or not aware of services (n=4), Not sure if qualify for services (n=1), Have insurance (n=1), Spouse handles health care (n=1), and Don't know (n=3).

54. How did you find out about the Health Department's services?

How hear about health department				
	Frequency	Percent	95% Confidence Limits	
Recommended by friend/relative	27	45.00	32.04	57.96
Referred by social services or physician	7	11.67	3.30	20.03
Information in newspaper	3	5.00	0	10.68
Sign out front	3	5.00	0	10.68
Total	57			
Frequency Missing = 154				

Other (n=18): everyone knows about health department, from past experience, called, internet

55. What are some things that would make you more likely to visit the Pender County Health Department?

Likely to visit health department				
	Frequency	Percent	95% Confidence Limits	
Extended hours	11	6.90	2.65	11.14
Receiving more information about what all the health department offers	69	36.19	28.50	43.85
There is nothing that would make me more likely to visit	78	43.64	34.56	52.72
Total	182	100		
Frequency missing = 29				

Other (n=30): Too far, don't have insurance for kids anymore, don't need health department services, shorter wait times, more services, primary care

56. The Pender County Health Department is open from 8:00 a.m. to 5:00 p.m., Monday to Friday. How do you feel about the hours of operation?

Health department hours				
	Frequency	Percent	95% Confidence Limits	
These hours are just right	135	63.12	54.11	72.12
They should close later than 5pm at least one day a week	26	12.15	7.16	17.15
They should close later than 5pm every day	11	5.38	1.55	9.22
They should be open earlier than 8 am	2	0.87	0	2.12
Total	211	100		
Frequency missing = 27				

Other (n=16): Saturday, half day on Saturday, stay open later at least 2 days a week

57. Are there any services that you would like to see offered at the Health Department?

Summarized responses (from free text)	Count
Don't know	15
More providers and clinics (including MD and primary care)	5
Dental services	4
Nutrition and fitness programs	4
Help for elderly (in-home, ambulance service)	2
Diabetes services	2
Expand Medicaid	2
Services for men	2
Parenting classes	2
Teen pregnancy prevention	2
Food pantry/food stamps	2
Abuse counseling	1
Continuing education classes	1
Lab services from other providers	1
Mental health services	1
Outreach	1
Ultrasounds	1
Mosquito control	1
Saturday services	1
Services offered in Hampstead	1
Gang Violence	1
Vaccines	1

HELP US BUILD A HEALTHIER TOMORROW

Pender County Community Health Forum



Tuesday, August 26th, 2014

Hampstead Public Library
10:00 a.m. • 12:00 p.m.
75 Library Drive
Hampstead, NC

Burgaw Public Library
3:00 p.m. • 5:00 p.m.
103 South Cowan St
Burgaw, NC

Door Prizes
Two \$25 gift cards
will be given away at
each location

All residents are invited! Every 4 years, a Community Health Assessment is conducted in Pender County to identify the health status, concerns and resources of the community part of a strategic health planning process.

Pender County would like your valuable input to identify priority health issues and outline action steps to focus our assets and resources on addressing these issues. Please join us to learn more about the health of your community and provide your input on which priorities should be addressed. Your participation is vital!

-----1
Want to know more?

Contact the Pender County
Health Department at
(910) 259-1230



APPENDIX E: COMMUNITY FORUM DEMOGRAPHIC FORM

Questions will only be reported as a summary of answers given by all forum participants in the Pender County Community Health Assessment. You do not have to give us your name. Please fill out the information and tear off the number at the bottom if you want to be in the drawing for a door prize.

1. How old are you?

- 18-29 years old
- 30-44 years old
- 45-64 years old
- 65+ years old

2. Are you Male or Female?

- Male
- Female

3. What is your race? Please check all that apply.

- White/Caucasian
- Black or African American
- Asian/Pacific Islander
- Native American
- Other: _____

4. Are you of Hispanic or Latino origin?

- Yes
- No

5. What is the highest level of school, college or vocational training that you have finished?

- Less than High School
- High School Graduate (or GED/ Equivalent)
- Associate's Degree or Vocational Training
- Some College (No Degree)
- College Degree
- Graduate or Professional Degree
- Other: _____

6. What was your total household income last year, before taxes?

- Less than \$20,000
- \$20-\$29,999
- \$30,000-\$49,999
- \$50,000-\$74,999
- \$75,000-\$100,000
- Over \$100,000
- Prefer not to answer

7. What is your zip code? _____

APPENDIX F: COMMUNITY FORUM DISCUSSION QUESTIONS

Pender County Community Health Needs Assessment
Forum Facilitator Questions
August 26, 2014

Part 1 Questions:

- Reaction Icebreaker (10 min)
 - Everyone gets pens/index cards
 - Where there any results from the highlights that were particularly surprising or not surprising to you? Why?
 - Round robin – everyone shares something
- Results Questions (15 min)
 - Do you think our community is healthy? Why or why not?
 - Have you seen any examples yourself of any of these focus areas in your community?
 - Which of these focus areas are the biggest concern in your community?

Voting Part 1:

- Instructions: Everyone has 3 [RED] stickers. We have the focus areas posted. Vote on which of these focus areas you think are the most important in the community. You can spread your stickers and vote your top 3 or you can weigh your stickers and put them all into one focus area. Once you are complete, feel free to take a break and we will begin our second round of questions and voting after the break.
- Walk voting/break

Part 2 Questions:

Now that we have shared input on what focus areas we think are the most important, let's now spend some time thinking about what's actionable.

Let's look at each focus area. Starting with _____, what already exists in this community to address this area? What are the most logical steps for moving forward? How can we specifically address those who are in poverty or don't have access to services for this focus area?

- Diabetes
- Mental health and substance use
- Increasing access to physical activity
- Healthy pregnancies
- Tobacco
- Motor vehicle injuries

Voting Part 2:

Instructions: Everyone has 3 [GREEN] stickers. Vote on which of these focus areas you think are the most actionable in the next 4 years based on what we discussed. You can spread your stickers and vote your top 3 or you can weigh your stickers and put them all into one focus area.

APPENDIX G: EXISTING DATA SOURCES

Pender County 2014 Community Health Assessment NC Institute of Public Health

Category	Indicator	Data Measure, Year	Data Source
Demographic and Socioeconomic Data			
<i>Population Characteristics</i>	<ul style="list-style-type: none"> General Population Characteristics Race and Ethnicity Age and Gender Households Older Adults Non-Native Populations Other Special Populations 	<ul style="list-style-type: none"> General Demographic Characteristics (2010) Decadal Population Growth (1980-2030 Projected) Birth Rate Trend, Live Births per 1,000 Total Population (Five-year Aggregate Periods, 2002-2006 through 2006-10) Decadal Population Density (1980-2030 Projected) Population Distribution by Race/Ethnicity (2010) Population by Race/Ethnicity, by Township (2010) Population Distribution by Age and Gender, Number and Percent (2010) Population by Age, by Township (201) Growth Trend for Elderly (Age 65 and Older) Population, by Decade, 2000 through 2030 Sociodemographic Characteristics of the Population Age 60 and Older (2008-12) Growth of the Foreign-born Population (1990-12) Household Language by Linguistic Isolation (2012 5-Year estimate) Latino/Hispanic and Overall Population: Distribution by Age (2012) Veteran Status of Population (Five-Year Estimate, 2008-12) Blind/Visually Impaired Population (2011) 	<ul style="list-style-type: none"> US Census Bureau, American Fact Finder, 2010 Census, Summary File DP-1, 2010 Demographic Profile Data, Profile of General Population and Housing Characteristics: 2010 Log Into North Carolina (LINC) Database, Topic Group Population and Housing, Total Population, Population (Data Item 5001) NC State Center for Health Statistics, Health Data, County Level Data, County Health Databooks 2008, 2009, 2010, 2011, 2012, 2013 Log Into North Carolina (LINC) Database, Topic Group Population and Housing, Total Population, Population Density (Data Item 5004) US Census Bureau, American FactFinder. Profile of General Demographic Characteristics: 2010 (DP-1), SF1 NC Office of State Budget and Management, County/State Population Projections. Age, Race, and Sex Projections, Age Groups - Total, July 1, 2030 County Total Age Groups – Standard US Census Bureau, American Fact Finder, Table S0102: Population 60 Years and Older, 2012 American Community Survey 5-Year Estimates US Census Bureau, American Fact Finder, 2012 ACS 5-Year Estimates, Table B05005: Year of Entry by Citizenship Status in the United States US Census Bureau, American Fact Finder, Table B16002: Household Language by Linguistic Isolation, 2012 American Community Survey 5-Year Estimates US Census Bureau, American Fact Finder, Table B101001: Sex by Age (Hispanic or Latino), 2012 American Community Survey 5-Year Estimates

			<ul style="list-style-type: none"> US Census Bureau, American Fact Finder. Veteran Status, 2012 American Community Survey 5-Year Estimate. Table S2101: Veteran Status Log into North Carolina (LINC) Database, Topic Group Vital Statistics and Health (Data Item 520)
<i>Government and Civic Participation</i>	<ul style="list-style-type: none"> Local Government Civic Engagement Faith and Spirituality 	<ul style="list-style-type: none"> Registered Voters, by Race/Ethnicity, Number and Percent (as of 4/5/2014) Voter Turnout in General Elections (2004-12) Religious Institutions (2010) 	<ul style="list-style-type: none"> Log Into North Carolina (LINC) Database, Topic Group Government, Voters and Elections, Voting Age Population (Data Item 1714), 2012 NC State Board of Elections, Voter Registration, Voter Statistics, Voter Registration Statistics, By County NC State Board of Elections, Elections Central, Elections Results Data (2004-2012): General Elections Association of Religious Data Archives, US Congregational Membership: Reports, County Membership Report, 2010
<i>Economic Climate</i>	<ul style="list-style-type: none"> Income Employment Unemployment Poverty Housing Homeless County Revenue Indicators 	<ul style="list-style-type: none"> Income (2014) Insured Employment and Wages by Sector: Regional Comparison (3rd Quarter, 2013) Top 25 Employers (3rd Quarter 2013) Place of Work for Resident Workers Age 18 and Older (2018-12) Modes of Transportation to Work (2008-12) Annual Unemployment Rate (2000-12) Active Job Applicants Registered to Work with the NC Employment Security Commission (January 2010-January 2011) Decadal Annual Poverty Rate (1970-12) Persons in Poverty, Number and Percent, by Race by Decade (1980-2010); 2011 and 2012 Estimates Persons in Poverty, by Percent, by Age by Decade (1980-10); 2011 and 2012 Estimates Children Receiving Free or Reduced-price School Lunch (2006-13) Number of Children Receiving WorkFirst Working Connections Child Care Subsidy (2005-10) Housing by Type (US Census, 2000 and 2010) Housing Cost as Percentage of Household Income (Two 5-Year Estimates, 2005-2009 and 2008-12) 	<ul style="list-style-type: none"> NC Dept of Commerce, AccessNC, Community Demographics, County Report, County Profile NC Employment Security Commission, Labor Market Information, Industry Information. Employment and Wages Data by Industry, 2013 Quarter 3 NC Dept of Commerce, Economic Intelligence Development System (EDIS), Business Data, Top Employers, by County US Census Bureau, American Fact Finder, 2012 ACS 5-Year Estimate, Table B08007: Sex of Workers by Place of Work, State and County Level US Census Bureau, American Fact Finder, 2012 ACS 5-Year Estimate, Table B08006: Sex of Workers by Means of Transportation to Work NC Employment Security Commission, Labor Market Information, Workforce Information, Employed, Unemployed and Unemployment Rates, Labor Force Statistics, Single Areas for All Years NC Employment Security Commission, Labor Market Information, Workforce Information, Job Applicants Registered for Work with ESC Offices Log Into North Carolina (LINC) Database, Topic Group Employment and Income (Data Item 6094) US Census Bureau, American Fact Finder, American Community Survey, 2010, 2011 and 2012 American Community Survey 5-Year Estimates, Table DP03

		<ul style="list-style-type: none"> Household Characteristics (2010) Economic Services Provided by Pender County Department of Social Services (2009-13) Results of Annual Point-in Time Census of Homeless (2009-13) County Revenue (2005-13) 	<ul style="list-style-type: none"> Log Into North Carolina (LINC) Database, Topic Group Employment and Income (Data Items 6093, 6094, 6096, 6098, 6100, 6102, 6104) US Census Bureau, American Fact Finder, American Community Survey, 2011 and 2012 American Community Survey 5-Year Estimates, Table S1701: Poverty Status in the Past 12 Months US Census Bureau, American Fact Finder, American Community Survey, 2011 and 2012 American Community Survey 5-Year Estimates, Table DP03: Selected Economic Characteristics NC Department of Instruction, Data & Statistics, Other Education Data: Select Financial Data, Free and Reduced Meals Application Data Annie E. Casey Foundation, Kids Count Data Center, Community Level Data, North Carolina Indicators US Census Bureau, American FactFinder, 2000 US Census, Summary File 3 (SF-3), 100-Percent Data, Table H091, Median Selected Monthly Owner Costs (Dollars) for Specified Owner-Occupied Housing Units by Mortgage Status US Census Bureau, American FactFinder. 2009 and 2012 ACS 5-Year Estimates. Table DP04: Selected Housing Characteristics US Census Bureau, American FactFinder, 2010 Census, 2010 Demographic Profile Data, Summary File DP-1, Profile of General Population and Housing Characteristics Pender County Department of Social Services, WorkFirst Family Assistance and Food and Nutrition Services, 2009-2013 North Carolina Coalition to End Homelessness, Practice, Point-in-Time Count Data, Continuum of Care: Pender County 2013. NC Department of Revenue, Information for Individuals, Tax Publications and Reports, State Sales and Use Tax Reports by Fiscal Year
<p><i>Children and Families</i></p>	<ul style="list-style-type: none"> Single-Parent Families Family Services Utilization Child Care Child Welfare 	<ul style="list-style-type: none"> Single Parent Families (2000 and 2010) Grandparents Responsible for Children (Five-Year Estimate, 2008-12) NC-Regulated Child Care Facilities (as of April 2014) Children Enrolled in NC-Regulated Child Care (2008-11) 	<ul style="list-style-type: none"> Log Into North Carolina (LINC) Database, Topic Group Population and Housing (Data Items 6044, 6046, 6048, 6049, 6050, 6051), 2000 and 2010 US Census Bureau, American FactFinder, 2008-2012 American Community Survey 5-Year Estimates. Selected Social Characteristics in the United States (DP02) NC Department of Health and Human Services, Division of Child Development, Child Care Facility Search Site

		<ul style="list-style-type: none"> Children Receiving WorkFirst Connections Child Care Subsidy (2005-2010) 	<ul style="list-style-type: none"> Annie E. Casey Foundation, Kids Count Data Center, Community Level Data, North Carolina Indicators
<i>Education</i>	<ul style="list-style-type: none"> Schools and School Enrollment Educational Attainment and Investment High School Dropout Rate Crime and Violence in Schools 	<ul style="list-style-type: none"> K-12 Public School Enrollment (2006-13) Number of Schools (SY2012-13) Educational Attainment and Investment (2018-13) High School (Grades 9-12) Drop-Out Rate (2004-13) Four-Year Cohort High School Graduation Rate (2009-10 Entering 9th Graders Graduating in 2012-13 or Earlier) School Crime and Violence, All Grades (2004-13) School Disciplinary Activity, All Grades (2007-12) 	<ul style="list-style-type: none"> NC Department of Public Instruction, Data and Statistics, Education Data: NC Statistical Profile. NC Statistical Profile Online: Local Education Agencies Information, Pupil Accounting, Initial Enrollment. NC Department of Administration, Conventional Non-Public Schools, 2012-13 Directory of Schools by County US Census Bureau, American Fact Finder, American Community Survey, 2008-2012 American Community Survey (ACS) 5-Year Estimates, Data Profiles, Table DP02: Selected Social Characteristics, Educational Attainment NC Department of Public Instruction, Data and Statistics, Education Data, NC School Report Cards. District Profile. NC Dept of Public Instruction, Research and Evaluation, Dropout Data and Collection Process, Annual Dropout Reports Public Schools of North Carolina, Cohort Graduation Rate. 4-Year Cohort Graduation Rate Report NC Department of Public Instruction, Research and Evaluation, Discipline Data, Annual Reports, Annual Reports of School Crime and Violence NC Department of Public Instruction, Research and Evaluation, Discipline Data, Consolidated Data Reports
<i>Crime and Safety</i>	<ul style="list-style-type: none"> Crime Rates Other Criminal Activity Juvenile Crime Sexual Assault and Domestic Violence Child Abuse, Neglect and Exploitation 	<ul style="list-style-type: none"> Crime Rates (2006-11) Index Crimes Reported (2006-12) Other Criminal Activity (2005-13) Juvenile Justice Complaints and Outcomes (2011, 2012, and 2013) Sexual Assault Trend (FY2004-05 through FY2011-12) Sexual Assault Complaint Details (FY2010-11) Domestic Violence Trend (FY2004-05 through FY2011-12) Domestic Violence Shelters (2011-13) Reports of Child Abuse and Neglect (FY2004-05 through FY2011-12) 	<ul style="list-style-type: none"> NC Department of Justice, State Bureau of Investigation, Crime, View Crime Statistics, Crime Statistics NC State Bureau of Investigation, Crime in North Carolina, North Carolina Crime Statistics, Crime Statistics in Detailed Reports (By Year), 2012 Annual Reports, County Offenses Ten Year Trend NC Department of Justice, Sex Offender Statistics, Offender Statistics NC Department of Justice, State Bureau of Investigation, Crime, Enforce Drug Laws, Meth Focus, Meth Lab Busts NC Department of Juvenile Justice and Delinquency Prevention, Statistics and Legislative Reports, County Databooks NC Department of Administration, Council for Women, Domestic Violence Commission, Statistics, County Statistics

	<ul style="list-style-type: none"> Adult Abuse, Neglect and Exploitation 	<ul style="list-style-type: none"> Point in Time Findings of Child Abuse and Neglect (FY2012-13) Children Entering Child Welfare Custody (2007-2012) Adult Protective Services Data on Adult Abuse, Neglect or Exploitation (2009, 2011) 	<ul style="list-style-type: none"> Safe Haven of Pender County, Inc., Domestic Violence Shelter Capacity and Clients Served Duncan, D.F., Kum, H.C., Flair, K.A., Stewart, C.J., Vaughn, J., Bauer, R, and Reese, J. (2014). Management Assistance for Child Welfare, Work First, and Food & Nutrition Services in North Carolina (v3.1) NC DHHS Division of Aging and Adult Services. Adult Protective Services. APS Survey Data, 2009 and 2011
Health Care and Health Promotion Resources and Access			
<i>Medical Insurance</i>	<ul style="list-style-type: none"> Health Care Coverage (under 65) Medically Indigent Population Medicaid Medicare 	<ul style="list-style-type: none"> Percent of Population without Health Insurance, by Age Group (2006-07, 2008-09, and 2010-11) NC Health Choice (NCHC) Enrollment (2008-10) Medicaid Eligibility and Expenditures (FY2007-FY10) Community Care of NC/Carolina ACCESS Enrollment, Biennial Counts (2007-10) Participation in Health Check (EPSDT) (FY2006-07 through FY2011-12) Medicare/Medicaid Dual Enrollment (2007-10) 	<ul style="list-style-type: none"> North Carolina Institute of Medicine, NC Health Data, Uninsured Snapshots, North Carolina County-Level Estimates of the Uninsured NC Division of Medical Assistance, Statistics and Reports, Medicaid Data, County-Specific Snapshots for NC Medicaid Services, (2008-2010) NC Division of Medical Assistance, Statistics and Reports, Medicaid Data, County-Specific Snapshots for NC Medicaid Services, (2006-2010) NC Division of Medical Assistance, Statistics and Reports, Health Check Participation Data NC Division of Medical Assistance, Statistics and Reports, Medicaid Data, County-Specific Snapshots for NC Medicaid Services, (2006-2010)
<i>Practitioners</i>	<ul style="list-style-type: none"> Provider per Population Ratios Health Professional Census and Comparison to Target Provider "Benchmarks" 	<ul style="list-style-type: none"> Active Health Professionals per 10,000 Population (2008 through 2012) Active Health Professionals (2012) Dentists Who Accept Medicaid/Health Choice Clients (List as of May 1, 2014) 	<ul style="list-style-type: none"> Cecil G. Sheps Center for Health Services Research, North Carolina Health Professions Data System, North Carolina Health Professions Data Books, Table 14 (2008, 2009, 2010, 2011, 2012) Cecil G. Sheps Center for Health Services Research, North Carolina Health Professions Data System. Publications. North Carolina Health Professions Databook Pender County Health Department, List of Providers Who Accept Medicaid
<i>Hospitals</i>	<ul style="list-style-type: none"> Hospital and Emergency Department Utilization Data 	<ul style="list-style-type: none"> Emergency Department Patients by Race, Ethnicity, Age Groups, and Payer (2008-12) Number of Short Term Acute Care Hospital Discharges by Race, Ethnicity, Age Groups, and Payer (2008-12) Number of General Hospital Beds (2004-2014) Top 25 DRGs Pender Memorial Hospital (FY2012) 	<ul style="list-style-type: none"> Truven Health Analytics (formerly Thomson Healthcare), North Carolina Hospital Discharge Data, Cecil G. Sheps Center for Health Services Research, University of North Carolina at Chapel Hill Log Into North Carolina (LINC) Database, Topic Group Vital Statistics and Health

			<ul style="list-style-type: none"> North Carolina Hospital Association. Hospital Charges by Facility for Top 35 DRG Procedures
<i>Emergency Medical Services Utilization</i>	<ul style="list-style-type: none"> Annual Calls/Services Summary 	<ul style="list-style-type: none"> Summary of Services Delivered By County Emergency Medical Services (2011-13) 	<ul style="list-style-type: none"> Pender County EMS, 2014
<i>County Department of Public Health</i>	<ul style="list-style-type: none"> Service Utilization Data Description of Programs and Services 	<ul style="list-style-type: none"> County Health Department Outcomes and Services, FY2011-13 Food and Lodging Activity Report, 2009-13 	<ul style="list-style-type: none"> Pender County Human Service Patient Management System Laboratory Program Tracking Database Health Service Information System (HSIS) Pender County Health Department
<i>Other Health Care Facilities</i>	<ul style="list-style-type: none"> Description of Programs and Services 	<ul style="list-style-type: none"> Licensed Mental Health Facilities (May 2014) Licensed Hospitals, Hospices and Home Health Facilities (February 2014) Services and Providers in the Mental Health Local Management Entity/Area Program Network 	<ul style="list-style-type: none"> NC Department of Health and Human Services, Division of Health Services Regulation (DHSR), Licensed Facilities, Mental Health Facilities (G.S. 122C) (by County) NC Department of Health and Human Services, Division of Health Services Regulation (DHSR), Licensed Facilities, Hospitals (by County) Coastal Care, 2014
<i>School Health</i>	<ul style="list-style-type: none"> Student to School Nurse Ratio School Nurse Activity Summary 	<ul style="list-style-type: none"> School Student to Nurse Ratio (SY2009-10, SY2010-2011, and SY2011-12) School Based Public Health 2012-13 Data 	<ul style="list-style-type: none"> NC DHHS, DPH, Women's and Children's Health, Facts & Figures, Data Reports & Publications. Annual School Health Services Reports, End-of-Year-Reports Pender County Schools, Kimberly Collins, 2014
<i>Long-Term Care Facilities (list of facilities, numbers of beds/capacities, certifications)</i>	<ul style="list-style-type: none"> Nursing Homes Adult Care Homes Adult Day Care/Adult Day Health Centers 	<ul style="list-style-type: none"> Number of Nursing Facility Beds (2005-2014) NC-Licensed Adult Care Facilities (As of May 2014) In-Home Aide Services Provided by County Department of Social Services (2011-2013) 	<ul style="list-style-type: none"> Log Into North Carolina (LINC) Database, Topic Group Vital Statistics and Health NC Department of Health and Human Services, Division of Health Services Regulation (DHSR), Licensed Facilities, Adult Care Homes, Family Care Homes, Nursing Facilities (by County) Pender County Department of Social Services, 2014

Health Statistics			
<i>Health Rankings</i>	<ul style="list-style-type: none"> County health rankings compared to NC, Franklin County and Nash County 	<ul style="list-style-type: none"> America's Health Rankings (2013) County Health Rankings (2014) 	<ul style="list-style-type: none"> United Health Foundation (2013). America's Health Rankings County Health Rankings and Roadmaps (2014). University of Wisconsin Population Health Institute
<i>Maternal and Infant Health</i>	<ul style="list-style-type: none"> Pregnancy and Birth Rates Teen Pregnancy Pregnancy Risk Factors Pregnancy Outcomes Infant Mortality and Low Birthweight Access to Prenatal Care 	<ul style="list-style-type: none"> Pregnancy, Fertility and Abortion Rate Trend (2005-12) Adolescent (Age 14 and Younger) Pregnancies Trend (Single Years, 2003-12) Teen (Ages 15-19) Pregnancies Trend (Single Years, 2003-12) High Parity/Short Interval Births (Single Five-Year Aggregate Period, 2008-12) Smoking During Pregnancy Trend (Single Years, 2006-12) Prenatal Care Trend (Single Years, 2006-12) Low (< 2,500 Grams) Birth Weight Births Trend, by Race/Ethnicity (Five-Year Aggregate Periods, 2006-10 2007-11 and 2008-12) Very Low (\leq 1,500 Grams) Birth Weight Births Trend, by Race/Ethnicity (Five-Year Aggregate Periods, 2006-10 2007-11 and 2008-12) Cesarean Section Deliveries (Five-Year Aggregate Periods, 2002-06 through 2008-12) Infant Mortality Trend (Five-Year Aggregate Periods, 2002-06 through 2008-12) 	<ul style="list-style-type: none"> NC Center for Health Statistics, County-level Data, County Health Data Books (2007-14): Pregnancy and Live Births NC State Center for Health Statistics, North Carolina health Data Query System. Pregnancy Data. North Carolina Reported Pregnancy Data NC State Center for Health Statistics, County-level Data, County Health Data Book (2013): Pregnancy and Births, 2008-12 NC State Center for Health Statistics, Vital Statistics, Volume 1: Population, Births, Deaths, Marriages, Divorces, Mother Smoked NC State Center for Health Statistics, Basic Automated Birth Yearbook (BABY Book), North Carolina Residents: County Resident Births by Month Prenatal Care Began, All Women NC State Center for Health Statistics, County-level Data, County Health Data Books (2012, 2013, and 2014), Pregnancy and Births, Low and Very Low Weight Births NC State Center for Health Statistics, County-level Data, County Health Data Books (2008-14), Pregnancy and Births, Births Delivered by Primary Caesarian Section NC Center for Health Statistics, County-level Data, County Health Data Books (2007-14), Mortality, Infant Death Rates per 1,000 Live Births
<i>Leading Causes of Death</i>	<ul style="list-style-type: none"> Life Expectancy Mortality Rate Comparisons Gender, Racial, and Age Disparities in Mortality Cancer 	<ul style="list-style-type: none"> Life Expectancy at Birth by Gender and Race (1990-92 and 2010-12) Overall Age-Adjusted Mortality Rates for the 15 Leading Causes of Death (Single Five-Year Aggregate Period, 2008-12) Sex-Specific Age-Adjusted Death Rates for the 15 Leading Causes of Death (Five-Year Aggregate Data, 2008-12) Race-Specific Age-Adjusted Death Rates for the 15 Leading Causes of Death (Five-Year Aggregate Data, 2008-12) 	<ul style="list-style-type: none"> NC State Center for Health Statistics, County-level Data, Life Expectancy, State and County Estimates, Life Expectancy: North Carolina 1990-92 and 2009-11 State and County NC State Center for Health Statistics, County Health Data Book (2014), Mortality (2008-12): Race-Sex-Specific Age- Adjusted Death Rates by County NC State Center for Health Statistics, County Health Data Book (2014), Mortality (2008-12): Race-Specific and Sex-Specific Age-Adjusted Death Rates by County NC State Center for Health Statistics, County Health Data Book (2014), Mortality, Death Counts and Crude Death Rates per

	<ul style="list-style-type: none"> Heart Disease Pneumonia and Influenza Cerebrovascular Disease Chronic Lower Respiratory Disease Unintentional Non-Motor Vehicle Injury Alzheimer’s Disease Diabetes Mellitus Kidney Disease Septicemia Suicide Unintentional Motor Vehicle Injury Chronic Liver Disease and Cirrhosis 	<ul style="list-style-type: none"> Three Leading Causes of Death by Age Group, Number of Deaths and Unadjusted Death Rates (Five-Year Aggregate Data, 2008-12) <p><i>Cancer</i></p> <ul style="list-style-type: none"> Malignant Neoplasms Discharge Rate Trend (Single Years, 2006-12) Total Cancer Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-12) Overall Total Cancer Mortality Rate Trend (Five-Year Aggregate Periods, 2001-05 through 2008-12) Gender and Racial Disparities in Total Cancer Mortality Rate (Single Five-Year Aggregate Period, 2008-12) Gender Disparity Trend in Total Cancer Mortality Rate (Five-Year Aggregate Periods, 2001-05 through 2008-12) Mortality Rate for Total Cancer and the Five Major Site-Specific Cancers, Cases and Rate (Single Five Year Aggregate Period, 2008-12) Incidence of Total Cancer and the Five Major Site-Specific Cancers, Cases and Rate (Single Five Year Aggregate Period, 2007-11) Total Cancer Incidence Rate Trend (Five-Year Aggregate Periods, 1996-2000 through 2007-11) Trachea, Bronchus, Lung Neoplasms Discharge Rate Trend (Single Years, 2006-12) Lung Cancer Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-12) Lung Cancer Mortality Rate Trend (Five-Year Aggregate Periods, 2001-05 through 2008-12) Gender and Racial Disparities in Lung Cancer Mortality Rate (Single Five-Year Aggregate Period, 2008-12) Gender Disparity Trend in Lung Cancer Mortality Rate (Five-Year Aggregate Periods, 2001-05 through 2008-12) Lung Cancer Incidence Rate Trend (Five-Year Aggregate Periods, 1996-2000 through 2007-11) Prostate Neoplasm Discharge Rate Trend (Single Years, 2006-12) Prostate Cancer Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-12) Prostate Cancer Mortality Rate Trend (Five-Year Aggregate Periods, 2001-05 through 2008-12) 	<p>100,000 for Leading Causes of Death, by Age Groups, NC (2008-12)</p> <ul style="list-style-type: none"> NC State Center for Health Statistics, County-level Data, County Health Data Book (2014), Mortality (2008-12): NC <p><i>Cancer</i></p> <ul style="list-style-type: none"> NC State Center for Health Statistics, County-level Data, County Health Data Books (2008-2014), Morbidity, Inpatient Hospital Utilization and Charges by Principal Diagnosis and County of Residence NC State Center for Health Statistics, County Health Data Books (2007-2014), Mortality, Race-Specific and Sex-Specific Age-Adjusted Death Rates by County NC State Center for Health Statistics, County-level Data, County Health Data Book (2014), (2006-10): NC Cancer Incidence Rates per 100,000 Population Age-Adjusted to the 2000 US Population NC State Center for Health Statistics, Health Data, Cancer, Cancer Data Available from SCHS, Annual Reports, NC Cancer Incidence Rates for All Counties by Specified Site NC State Center for Health Statistics, County-level Data, County Health Data Books (2008-14), Morbidity, Inpatient Hospital Utilization and Charges by Principal Diagnosis and County of Residence <p><i>Heart Disease</i></p> <ul style="list-style-type: none"> NC State Center for Health Statistics, County-level Data, County Health Data Books (2008-14): Morbidity, Inpatient NC State Center for Health Statistics, County Health Data Book (2014), Mortality (2008-12): Race/Ethnicity Specific and Sex-Specific Age-Adjusted Death Rates by County NC State Center for Health Statistics, County Health Data Books (2008-14): Mortality, Race-Specific and Sex-Specific Age-Adjusted Death Rates by County <p><i>Cerebrovascular Disease</i></p> <ul style="list-style-type: none"> NC State Center for Health Statistics, County Health Data Books (2008-14): Mortality, Race-Specific and Sex-Specific Age-Adjusted Death Rates by County NC State Center for Health Statistics, County Health Data Book (2014), Mortality (2008-12): Race/Ethnicity Specific and Sex-Specific Age-Adjusted Death Rates by County
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		<ul style="list-style-type: none"> • Racial Disparities in Prostate Cancer Mortality Rate (Single Five-Year Aggregate Period, 2008-12) • Prostate Cancer Incidence Rate Trend (Five-Year Aggregate Periods, 2001-05 through 2008-12) • Breast Neoplasm Discharge Rate Trend (Single Years, 2006-12) • Breast Cancer Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-12) • Breast Cancer Mortality Rate Trend (Five-Year Aggregate Periods, 2001-05 through 2008-12) • Racial Disparities in Breast Cancer Mortality Rate (Single Five-Year Aggregate Period, 2008-12) • Breast Cancer Incidence Rate Trend (Five-Year Aggregate Periods, 1996-2000 through 2007-11) • Colon, Rectum, Anus Neoplasms Discharge Rate Trend (Single Years, 2006-12) • Colon, Rectum, Anus Cancer Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-12) • Colon, Rectum, Anus Cancer Mortality Rate Trend (Five-Year Aggregate Periods, 2001-05 through 2008-12) • Gender and Racial Disparities in Colon, Rectum, Anus Cancer Mortality Rate (Single Five-Year Aggregate Period, 2008-12) • Gender Disparity Trend in Colon, Rectum, Anus Cancer Mortality Rate (Five-Year Aggregate Periods, 2001-05 through 2008-12) • Colon, Rectum, Anus Cancer Incidence Rate Trend (Five-Year Aggregate Periods, 1996-2000 through 2007-11) • Pancreas Cancer Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-12) • Pancreas Cancer Mortality Rate Trend (Five-Year Aggregate Periods, 2001-15 through 2008-12) • Gender and Racial Disparities in Pancreas Cancer Mortality Rate (Single Five-Year Aggregate Period, 2008-12) • Gender Disparity Trend in Pancreas Cancer Mortality Rate (Five-Year Aggregate Periods, 2001-05 through 2008-12) 	<ul style="list-style-type: none"> • NC State Center for Health Statistics, County Health Data Books (2008-14): Mortality, Race-Specific and Sex-Specific Age-Adjusted Death Rates by County <p><i>CLRD/COPD</i></p> <ul style="list-style-type: none"> • NC State Center for Health Statistics, County-level Data, County Health Data Books (2008-14): Morbidity, Inpatient Hospital Utilization and Charges by Principal Diagnosis and County of Residence • NC State Center for Health Statistics, County Health Data Book (2014), Mortality (2008-12): Race/Ethnicity Specific and Sex-Specific Age-Adjusted Death Rates by County • NC State Center for Health Statistics, County Health Data Books (2008-14): Mortality, Race-Specific and Sex-Specific Age-Adjusted Death Rates by County <p><i>Alzheimer's Disease</i></p> <ul style="list-style-type: none"> • NC State Center for Health Statistics, County Health Data Book (2014), Mortality (2008-12): Race/Ethnicity Specific and Sex-Specific Age-Adjusted Death Rates by County • NC State Center for Health Statistics, County Health Data Books (2008-14): Mortality, Race-Specific and Sex-Specific Age-Adjusted Death Rates by County <p><i>Diabetes</i></p> <ul style="list-style-type: none"> • NC State Center for Health Statistics, County-level Data, County Health Data Books (2008-14): Morbidity, Inpatient Hospital Utilization and Charges by Principal Diagnosis and County of Residence • NC State Center for Health Statistics, County Health Data Book (2014), Mortality (2008-12): Race/Ethnicity Specific and Sex-Specific Age-Adjusted Death Rates by County • NC State Center for Health Statistics, County Health Data Books (2008-14): Mortality, Race-Specific and Sex-Specific Age-Adjusted Death Rates by County <p><i>Kidney Disease</i></p> <ul style="list-style-type: none"> • NC State Center for Health Statistics, County-level Data, County Health Data Books (2008-14): Morbidity, Inpatient Hospital Utilization and Charges by Principal Diagnosis and County of Residence
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		<p><i>Heart Disease</i></p> <ul style="list-style-type: none"> Heart Disease Discharge Rate Trend (Single Years, 2006-12) Heart Disease Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-12) Overall Heart Disease Mortality Rate Trend (Five-Year Aggregate Periods, 2001-05 through 2008-12) Gender and Racial Disparities in Heart Disease Mortality Rate (Single Five-Year Aggregate Period, 2008-12) Gender Disparity Trend in Heart Disease Mortality Rate (Five-Year Aggregate Periods, 2001-05 through 2008-12) <p><i>Cerebrovascular Disease</i></p> <ul style="list-style-type: none"> Cerebrovascular Disease Discharge Rate Trend (Single Years, 2006-12) Cerebrovascular Disease Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-12) Cerebrovascular Disease Mortality Rate Trend (Five-Year Aggregate Periods, 2001-05 through 2008-12) Gender and Racial Disparities in Cerebrovascular Disease Mortality Rate (Single Five-Year Aggregate Period, 2008-12) Gender Disparity Trend in Cerebrovascular Disease Mortality Rate (Five-Year Aggregate Periods, 2001-05 through 2008-12) <p><i>CLRD/COPD</i></p> <ul style="list-style-type: none"> CLRD/COPD Discharge Rate Trend (Single Years, 2006-12) CLRD/COPD Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-12) CLRD/COPD Mortality Rate Trend (Five-Year Aggregate Periods, 2001-05 through 2008-12) Gender and Racial Disparities in CLRD/COPD Mortality Rate (Single Five-Year Aggregate Period, 2008-12) Gender Disparity Trend in CLRD/COPD Mortality Rate (Five-Year Aggregate Periods, 2001-05 through 2008-12) <p><i>Alzheimer's Disease</i></p> <ul style="list-style-type: none"> Alzheimer's Disease Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-12) 	<ul style="list-style-type: none"> NC State Center for Health Statistics, County Health Data Book (2014), Mortality (2008-12): Race/Ethnicity Specific and Sex-Specific Age-Adjusted Death Rates by County NC State Center for Health Statistics, County Health Data Books (2008-14): Mortality, Race-Specific and Sex-Specific Age-Adjusted Death Rates by County <p><i>Pneumonia and Influenza</i></p> <ul style="list-style-type: none"> NC State Center for Health Statistics, County-level Data, County Health Data Books (2008-14): Morbidity, Inpatient Hospital Utilization and Charges by Principal Diagnosis and County of Residence NC State Center for Health Statistics, County Health Data Book (2014), Mortality (2008-12): Race/Ethnicity Specific and Sex-Specific Age-Adjusted Death Rates by County NC State Center for Health Statistics, County Health Data Books (2008-14): Mortality, Race-Specific and Sex-Specific Age-Adjusted Death Rates by County <p><i>Septicemia</i></p> <ul style="list-style-type: none"> NC State Center for Health Statistics, County-level Data, County Health Data Books (2008-14): Morbidity, Inpatient Hospital Utilization and Charges by Principal Diagnosis and County of Residence NC State Center for Health Statistics, County Health Data Book (2014), Mortality (2008-12): Race/Ethnicity Specific and Sex-Specific Age-Adjusted Death Rates by County NC State Center for Health Statistics, County Health Data Books (2008-14): Mortality, Race-Specific and Sex-Specific Age-Adjusted Death Rates by County <p><i>Chronic Liver Disease/Cirrhosis</i></p> <ul style="list-style-type: none"> NC State Center for Health Statistics, County-level Data, County Health Data Books (2008-14): Morbidity, Inpatient Hospital Utilization and Charges by Principal Diagnosis and County of Residence NC State Center for Health Statistics, County Health Data Book (2014), Mortality (2008-12): Race/Ethnicity Specific and Sex-Specific Age-Adjusted Death Rates by County
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		<ul style="list-style-type: none"> • Gender Disparity Trend in Pneumonia and Influenza Mortality Rate (Five-Year Aggregate Periods, 2001-05 through 2008-12) <p><i>Septicemia</i></p> <ul style="list-style-type: none"> • Septicemia Discharge Rate Trend (Single Years, 2006-12) • Septicemia Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-12) • Septicemia Mortality Rate Trend (Five-Year Aggregate Periods, 2001-05 through 2008-12) • Gender and Racial Disparities in Septicemia Mortality Rate (Single Five-Year Aggregate Period, 2008-12) • Gender Disparity Trend in Septicemia Mortality Rate (Five-Year Aggregate Periods, 2001-05 through 2008-12) <p><i>Chronic Liver Disease/Cirrhosis</i></p> <ul style="list-style-type: none"> • Chronic Liver Disease/Cirrhosis Discharge Rate Trend (Single Years, 2006-12) • Liver Disease Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-12) • Liver Disease Mortality Rate Trend (Five-Year Aggregate Periods, 2001-05 through 2008-12) • Gender and Racial Disparities in Liver Disease Mortality Rate (Single Five-Year Aggregate Period, 2008-12) • Gender Disparity Trend in Liver Disease Mortality Rate (Five-Year Aggregate Periods, 2001-05 through 2008-12) <p><i>AIDS Mortality</i></p> <ul style="list-style-type: none"> • AIDS Discharge Rate Trend (Single Years, 2006-12) • AIDS Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-12) • AIDS Mortality Rate Trend (Five-Year Aggregate Periods, 2001-05 through 2008-12) • Gender and Racial Disparities in AIDS Mortality Rate (Single Five-Year Aggregate Period, 2008-12) • Gender Disparity Trend in AIDS Mortality Rate (Five-Year Aggregate Periods, 2001-05 through 2008-12) <p><i>Unintentional Injuries</i></p> <ul style="list-style-type: none"> • Injuries and Poisoning Discharge Rate Trend (Single Years, 2006-12) 	<p><i>Suicide</i></p> <ul style="list-style-type: none"> • NC State Center for Health Statistics, County Health Data Book (2014), Mortality (2008-12): Race/Ethnicity Specific and Sex-Specific Age-Adjusted Death Rates by County • NC State Center for Health Statistics, County Health Data Books (2008-14): Mortality, Race-Specific and Sex-Specific Age-Adjusted Death Rates by County <p><i>Homicide</i></p> <ul style="list-style-type: none"> • NC State Center for Health Statistics, County Health Data Book (2014), Mortality (2008-12): Race/Ethnicity Specific and Sex-Specific Age-Adjusted Death Rates by County • NC State Center for Health Statistics, County Health Data Books (2008-14): Mortality, Race-Specific and Sex-Specific Age-Adjusted Death Rates by County
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		<ul style="list-style-type: none"> • All Other Unintentional Injury Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-12) • All Other Unintentional Injury Mortality Rate Trend (Five-Year Aggregate Periods, 2001-05 through 2008-12) • Gender and Racial Disparities in All Other Unintentional Injury Mortality Rate (Single Five-Year Aggregate Period, 2008-12) • Gender Disparity Trend in All Other Unintentional Injury Mortality Rate (Five-Year Aggregate Periods, 2001-05 through 2008-12) <p><i>Unintentional Motor Vehicle Injury</i></p> <ul style="list-style-type: none"> • Unintentional Motor Vehicle Injury Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-12) • Unintentional Motor Vehicle Injury Mortality Rate Trend (Five-Year Aggregate Periods, 2001-05 through 2008-12) • Gender and Racial Disparities in Unintentional Motor Vehicle Injury Mortality Rate (Single Five-Year Aggregate Period, 2008-12) • Gender Disparity Trend in Unintentional Motor Vehicle Injury Mortality Rate (Five-Year Aggregate Periods, 2001-05 through 2008-12) • Motor Vehicle Injury Mortality, Numbers and Rates, by Age (Five-Year Aggregate Period, 2008-12) • Alcohol-Related Traffic Crashes Trend (Single Years, 2006-12) • Outcomes of Alcohol-Related Traffic Crashes (2011) <p><i>Suicide</i></p> <ul style="list-style-type: none"> • Suicide Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-12) • Suicide Mortality Rate Trend (Five-Year Aggregate Periods, 2001-05 through 2008-12) • Gender and Racial Disparities in Suicide Mortality Rate (Single Five-Year Aggregate Period, 2008-12) • Gender Disparity Trend in Suicide Mortality Rate (Five-Year Aggregate Periods, 2001-05 through 2008-12) <p><i>Homicide</i></p> <ul style="list-style-type: none"> • Homicide Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-12) 	
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		<ul style="list-style-type: none"> Homicide Mortality Rate Trend (Five-Year Aggregate Periods, 2001-05 through 2008-12) Gender and Racial Disparities in Homicide Mortality Rate (Single Five-Year Aggregate Period, 2008-12) Gender Disparity Trend in Homicide Mortality Rate (Five-Year Aggregate Periods, 2001-05 through 2008-12) 	
<i>Morbidity</i>	<ul style="list-style-type: none"> Communicable Diseases and Sexually Transmitted Infections Chronic Diseases 	<p><i>Communicable Diseases and Sexually Transmitted Infections</i></p> <ul style="list-style-type: none"> Chlamydia Incidence, All Ages, New Cases per 100,000 Population, (2008-12) Gonorrhea Rates All Ages (2006-10) Percentage of Children Up to Date on Recommended Vaccines by 2 Years of Age (2011) Gonorrhea Infection Incidence Rate Trend (2008-12) HIV Disease Incidence Trend, by County of First Diagnosis (Five Single Years, 2008-12) HIV Disease (HIV and AIDS) Cases Living as of 2012 by County of Residence at Diagnosis <p><i>Chronic Diseases: Asthma and Diabetes</i></p> <ul style="list-style-type: none"> NC Hospital Discharges with a Primary Diagnosis of Asthma, Numbers and Rates per 100,000 (2008-12) Reported Asthma Prevalence (2014) Adult Diagnosed Diabetes Prevalence Estimate Trend (Five Single Years, 2005 through 2009) Reported Adult Diabetes Asthma Prevalence (2014) 	<p><i>Communicable Diseases and Sexually Transmitted Infections</i></p> <ul style="list-style-type: none"> NC DHHS, Division of Public Health, Epidemiology Section, Communicable Disease Branch. Facts and Figures, Annual Reports. North Carolina 2012 HIV/STD Surveillance Report NC Immunization Program. Annual Immunization Assessment and Ranking, 2011 NC State Center for Health Statistics, County-level Data, County Health Data Books (2012). NC Resident Gonorrhea Cases and Rates per 100,000 Population NC DHHS, Division of Public Health, Epidemiology Section, Communicable Disease Branch. Facts and Figures, Annual Reports. North Carolina 2012 HIV/STD Surveillance Report, Table 1 <p><i>Chronic Disease: Asthma and Diabetes</i></p> <ul style="list-style-type: none"> NC State Center for Health Statistics, County-level Data, County Health Data Book (2010-14), Morbidity, Asthma Hospital Discharges (Total and Age 10-14) per 100,000 Population 2014 Pender County Community Health Opinion Survey Centers for Disease Control and Prevention, Diabetes Data and Trends, County Level Estimates of Diagnosed Diabetes - of Adults in North Carolina, (2005-10)
<i>Modifiable Health Risks</i>	<ul style="list-style-type: none"> Nutrition and Physical Activity Adult Obesity Childhood Obesity Oral Health Tobacco 	<p><i>Nutrition and Physical Activity</i></p> <ul style="list-style-type: none"> Physical Activity Engagement (2014) Barriers to Eating Healthy (2014) Percent of Households Who Ever Had to Cut or Reduce the Size of Meals Because of Cost (2014) <p><i>Obesity</i></p> <ul style="list-style-type: none"> Adult Diagnosed Obesity Prevalence Estimate Trend (Five Single Years, 2005-11) Prevalence of Overweight and Obesity in Children and Youth (2007-12) <p><i>Oral Health</i></p>	<p><i>Nutrition and Physical Activity</i></p> <ul style="list-style-type: none"> 2014 Pender County Community Health Opinion Survey <p><i>Obesity</i></p> <ul style="list-style-type: none"> Centers for Disease Control and Prevention, Diabetes Public Health Resource, Diabetes Interactive Atlas, Obesity Age-Adjusted Percentage Eat Smart, Move More, Data on Children and Youth in NC, North Carolina Nutrition and Physical Activity Surveillance System (NC-NPASS), NC-NPASS Data (2007-12) <p><i>Oral Health</i></p>

		<ul style="list-style-type: none"> • Medicaid Recipients Utilizing Dental Services, by Age Group (SY2010) • Child Dental Screening Summary (SY2003-2004 through SY2009-2010) • Children Aged 1-5 Years Enrolled in Medicaid Who Received Any Dental Service in the Previous 12 Months (2011) <p><i>Tobacco</i></p> <ul style="list-style-type: none"> • Current Smoker (2014) 	<ul style="list-style-type: none"> • NC Discharge Data: Inpatient, Ambulatory Surgery, and Emergency Department (2010-12): Cecil G. Sheps Center for Health Services Research • NC DHHS, NC Division of Medical Assistance, Statistics and Reports, County Specific Snapshots for NC Medicaid Services (2011) • NC DHHS, Oral Health, References and Statistics, School Oral Health Assessments, NC County Level Oral Health Assessment Data • Division of Medical Assistance, N.C. Department of Health and Human Services (2011) <p><i>Tobacco</i></p> <ul style="list-style-type: none"> • 2014 Pender County Community Health Opinion Survey •
<p><i>Mental Health Conditions (including Substance Abuse)</i></p>	<ul style="list-style-type: none"> • Mental Health Service Utilization • Developmental Disabilities Service Utilization • Substance Abuse Service Utilization 	<ul style="list-style-type: none"> • Persons Served by Area Mental Health Programs (2005-12) • Services and Providers the Mental Health Local Management Entity/Area Program Network (Medicaid) • Emergency Department Admissions with a Mental Health, Developmental Disability or Substance Abuse Diagnosis, FY09-13 • Persons Served in NC State Psychiatric Hospitals (2005-12) • Persons Served in NC State Developmental Centers (2005-12) • Persons Served in NC State Alcohol and Drug Treatment Centers (2005-12) • Attempted Suicides, Pender County Schools, SY2012-13 • Excessive Drinking, Binge Plus Heavy Drinking (2006-12) 	<ul style="list-style-type: none"> • Log Into North Carolina (LINC) Database, Topic Group Vital Statistics and Health (Data Item 519) • Coastal Care, 2014 • NC DETECT, ED Admissions Report, FY2013 • NC Discharge Data: Inpatient, Ambulatory Surgery, and Emergency Department (2010-2012): Cecil G. Sheps Center for Health Services Research • NC Division of Mental Health, Developmental Disabilities and Substance Abuse Services, Statistics and Publications, Reports and Publications, Statistical Reports, Developmental Centers (FY2005-FY10) • Log Into North Carolina (LINC) Database, Topic Group Vital Statistics and Health (Data Item 517) • Log Into North Carolina (LINC) Database, Topic Group Vital Statistics and Health (Data Item 518) • Pender County Schools, 2014 • Behavioral Risk Factor Surveillance System via County Health Rankings

Environmental Topics			
<i>Air Quality</i>	<ul style="list-style-type: none"> Air Quality Index and Standards Violations 	<ul style="list-style-type: none"> THE AVERAGE DAILY MEASURE OF FINE PARTICULATE MATTER IN MICROGRAMS PER CUBIC METER (PM2.5) IN A COUNTY (2011) 	<ul style="list-style-type: none"> CDC WONDER Environmental data
<i>Water Quality</i>	<ul style="list-style-type: none"> Drinking Water: Community Water Systems 	<ul style="list-style-type: none"> Health Department Well Activity (2012-13) 	<ul style="list-style-type: none"> Pender County Health Department, 2014
<i>Wastewater</i>	<ul style="list-style-type: none"> Central and On-Site Wastewater Systems 	<ul style="list-style-type: none"> Health Department Wastewater Activity (2012-13) 	<ul style="list-style-type: none"> Pender County Health Department, 2014
<i>Lead</i>	<ul style="list-style-type: none"> Blood-lead Monitoring Levels 	<ul style="list-style-type: none"> Childhood Blood Lead Surveillance Data (2011) 	<ul style="list-style-type: none"> North Carolina Childhood Blood Lead Surveillance Data, NC Environmental Health Section, Children's Environmental Health Branch
<i>Food-, Water-, and Vector-Borne Hazards</i>	<ul style="list-style-type: none"> Cases of food-, water-, and vector-borne diseases 	<ul style="list-style-type: none"> Foodborne Illnesses (2011-13) Vector-borne Illnesses (2011-13) 	<ul style="list-style-type: none"> North Carolina Electronic Disease Surveillance System (NC EDSS)
<i>Built Environment</i>	<ul style="list-style-type: none"> Transportation Access to physical activity Availability of Fast Food Restaurants 	<ul style="list-style-type: none"> Revenue Data Report, Pender County Transportation Services, 2010-13 County Recreational Facilities (May 2014) Access to exercise opportunities (2010 and 2012) Percent of all restaurants that are fast-food establishments (2010) 	<ul style="list-style-type: none"> Pender County Transportation Services, 2014 Pender County Government, Division of Parks and Recreation, 2014 OneSource Global Business Browser, Delorme Map Data, ESRI, and US Census Tigerline Files via County Health Rankings County Business Patterns, U.S. Census Bureau

APPENDIX H: EXISTING DATA TABLES

General Demographic Characteristics (2010 US Census)

Location	Total Population	% Population Male	Median Age Males	% Population Female	Median Age Females	Overall Median Age
Pender County	52,217	50.0	40.2	50.0	42.0	41.1
Franklin County	60,619	49.8	37.7	50.2	40.4	39.1
Nash County	95,840	48.3	38.4	51.7	41.3	39.9
State of NC	9,535,483	48.7	36.0	51.3	38.7	37.4

Source: US Census Bureau, American Fact Finder, 2010 Census, Summary File DP-1, 2010 Demographic Profile Data, Profile of General Population and Housing Characteristics: 2010;

Percentages by gender are calculated

Decadal Population Growth (1980-2030 Projected)

Location	Number of Persons and Percent Change										
	1980	1990	% Change 1980-1990	2000	% Change 1990-2000	2010	% Change 2000-	2020 (Projection)	% Change 2010-2020	2030 (Projection)	% Change 2020-2030
Pender County	22,262	28,855	29.6	41,082	42.4	52,217	27.1	62,408	19.5	70,082	12.3
Franklin County	30,055	36,414	21.2	47,260	29.8	60,619	28.3	74,697	23.2	88,330	18.3
Nash County	67,153	76,677	14.2	87,385	14.0	95,840	9.7	108,443	13.2	120,655	11.3
State of NC	5,880,095	6,632,448	12.8	8,046,485	21.3	9,535,483	18.5	10,966,956	15.0	12,465,481	13.7

Source: Log Into North Carolina (LINC) Database, Topic Group Population and Housing, Total Population, Population (Data Item 5001);

Percent change is calculated.

Decadal Population Density (1980-2030 Projected)

Location	Persons per Square Mile					
	1980	1990	2000	2010 (Estimate)	2020 (Projection)	2030 (Projection)
Pender County	25.45	33.14	47.18	60.02	72.69	84.82
Franklin County	60.79	74.07	96.05	121.94	148.34	175.42
Nash County	124.45	141.91	161.74	177.7	196.86	209.01
State of NC	120.4	136.1	165.2	191.9	219.9	248.2

Source: Log Into North Carolina (LINC) Database, Topic Group Population and Housing, Total

Birth Rate Trend, Live Births per 1,000 Total Population (Five-year Aggregate Periods, 2002-2006 through 2007-2011)

	2002-2006			2003-2007			2004-2008			2005-2009		
	Total	White	Minority	Total	White	Minority	Total	White	Minority	Total	White	Minority
Pender County	10.8	11.4	8.8	11.1	11.7	9.0	11.2	11.9	9.0	11.3	11.9	9.1
Franklin County	13.1	13.5	12.1	12.9	13.4	11.7	13.2	13.5	12.2	12.6	12.9	11.9
Nash County	13.2	12.7	14.1	13.3	12.6	14.4	13.4	12.6	14.8	13.4	12.4	14.9
State of NC	14.2	13.8	15.3	14.2	13.8	15.4	14.2	13.8	15.6	14.1	13.6	15.5
	2006-2010				2007-2011				2008-2012			
	Total	White, Non-Hispanic	Af Am, Non-Hispanic	Hispanic	Total	White, Non-Hispanic	Af Am, Non-Hispanic	Hispanic	Total	White, Non-Hispanic	Af Am, Non-Hispanic	Hispanic
Pender County	11.5	10.6	9.6	30.4	11.5	10.7	9.8	28.0	11.3	10.6	9.4	25.4
Franklin County	12.2	11.0	11.7	22.9	11.6	10.8	11.0	20.7	11.4	10.4	11.0	20.0
Nash County	13.2	10.1	15.2	33.0	12.8	9.8	14.9	29.1	12.4	9.5	14.3	24.8
State of NC	13.8	11.4	15.1	30.4	13.5	11.2	14.7	27.5	13.0	10.9	14.1	24.3

Source: NC State Center for Health Statistics, Health Data, County Level Data, County Health Databooks 2008, 2009, 2010, 2011, 2012, 2013. <http://www.schs.state.nc.us/schs/data/databook/>

Population Distribution by Race/Ethnicity (2010 US Census)

Location	Total	Number and Percent													
		White		Black or African-American		American Indian and Alaskan Native		Asian, Native Hawaiian and Other Pacific Islander		Some Other Race		Two or More Races		Hispanic or Latino of Any Race	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Pender County	52,217	39,756	76.1	9,269	17.8	291	0.6	225	0.4	1,742	3.3	934	1.8	3,194	6.1
Franklin County	60,619	40,003	66.0	16,212	26.7	329	0.5	300	0.5	2,666	4.4	1,109	1.8	4,776	7.9
Nash County	95,840	53,531	55.9	35,650	37.2	657	0.7	766	0.8	3,677	3.8	1,559	1.6	6,015	6.3
State of NC	9,535,483	6,528,950	68.5	2,048,628	21.5	122,110	1.3	215,566	2.3	414,030	4.3	206,199	2.2	800,120	8.4

Source a a b a b a b a b a b a b a b
 a - US Census Bureau, American Fact Finder, 2010 Census, Summary File DP-1, 2010 Demographic Profile Data, Profile of General Population and Housing Characteristics: 2010; <http://factfinder2.census.gov> b
 - Percentages were calculated

Population by Race/Ethnicity, by Township (2010 US Census)

Pender County

Township	Persons Self-Identifying as of One Race											Two or More Races		Hispanic or Latino (of any race)	
	Total Population	White		Black or African American		American Indian and Alaska Native		Asian, Native Hawaiian or Other Pacific Islander		Some Other Race					
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Burgaw Township	8,405	5,348	10.2	2,527	4.8	51	0.1	28	0.1	315	0.6	136	0.3	580	1.1
Canetuck Township	370	204	0.4	135	0.3	1	0.0	0	0.0	19	0.0	11	0.0	20	0.0
Caswell Township	1,418	993	1.9	335	0.6	2	0.0	3	0.0	58	0.1	27	0.1	110	0.2
Columbia Township	2,304	899	1.7	1,172	2.2	11	0.0	5	0.0	183	0.4	34	0.1	238	0.5
Grady Township	2,368	1,432	2.7	797	1.5	21	0.0	3	0.0	58	0.1	57	0.1	112	0.2
Holly Township	2,360	1,377	2.6	893	1.7	17	0.0	6	0.0	25	0.0	42	0.1	56	0.1
Long Creek Township	2,241	1,723	3.3	410	0.8	14	0.0	9	0.0	56	0.1	29	0.1	135	0.3
Rocky Point Township	7,266	5,283	10.1	976	1.9	66	0.1	24	0.0	704	1.3	213	0.4	1,123	2.2
Topsail Township	21,253	19,548	37.4	1,028	2.0	98	0.2	138	0.3	138	0.3	303	0.6	489	0.9
Union Township	4,232	2,949	5.6	996	1.9	10	0.0	9	0.0	186	0.4	82	0.2	331	0.6
Pender County Total	52,217	39,756	76.1	9,269	17.8	291	0.6	225	0.4	1,742	3.3	934	1.8	3,194	6.1

Source: US Census Bureau, American Fact Finder, 2010 Census, Summary File DP-1, 2010 Demographic Profile Data, Profile of General Population and Housing Characteristics: 2010; <http://factfinder2.census.gov>

Percentages are calculated from population figures. Percentage figures describe a population group as a proportion of the overall county population.

Population Distribution by Age and Gender, Number and Percent (2010 US Census)

Pender County

Age Group	Pender County						North Carolina					
	No. in Population			% of Total Population			No. in Population			% of Total Population		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
All ages	52,217	26,134	26,083	100.0	100.0	100.0	9,535,483	4,645,492	4,889,991	100.0	48.7	51.3
Under 5	3,064	1,541	1,523	5.9	3.0	2.9	632,040	322,871	309,169	6.6	3.4	3.2
5 to 9	3,259	1,663	1,596	6.2	3.2	3.1	635,945	324,900	311,045	6.7	3.4	3.3
10 to 14	3,394	1,683	1,711	6.5	3.2	3.3	631,104	322,795	308,309	6.6	3.4	3.2
15 to 19	3,467	1,849	1,618	6.6	3.5	3.1	659,591	338,271	321,320	6.9	3.5	3.4
20 to 24	2,774	1,475	1,299	5.3	2.8	2.5	661,573	336,648	324,925	6.9	3.5	3.4
25 to 29	2,838	1,477	1,361	5.4	2.8	2.6	627,036	311,499	315,537	6.6	3.3	3.3
30 to 34	3,048	1,560	1,488	5.8	3.0	2.8	619,557	304,807	314,750	6.5	3.2	3.3
35 to 39	3,436	1,756	1,680	6.6	3.4	3.2	659,843	324,681	335,162	6.9	3.4	3.5
40 to 44	3,660	1,859	1,801	7.0	3.6	3.4	667,308	329,652	337,656	7.0	3.5	3.5
45 to 49	4,054	2,027	2,027	7.8	3.9	3.9	698,753	341,432	357,321	7.3	3.6	3.7
50 to 54	4,095	2,063	2,032	7.8	4.0	3.9	669,893	323,702	346,191	7.0	3.4	3.6
55 to 59	3,706	1,816	1,890	7.1	3.5	3.6	600,722	285,244	315,478	6.3	3.0	3.3
60 to 64	3,536	1,747	1,789	6.8	3.3	3.4	538,039	255,034	283,005	5.6	2.7	3.0
65 to 69	2,764	1,374	1,390	5.3	2.6	2.7	403,024	188,125	214,899	4.2	2.0	2.3
70 to 74	1,921	916	1,005	3.7	1.8	1.9	294,543	133,021	161,522	3.1	1.4	1.7
75 to 79	1,450	654	796	2.8	1.3	1.5	223,655	94,981	128,674	2.3	1.0	1.3
80 to 84	951	404	547	1.8	0.8	1.0	165,396	63,573	101,823	1.7	0.7	1.1
85 and older	800	270	530	1.5	0.5	1.0	147,461	44,256	103,205	1.5	0.5	1.1

Source US Census Bureau, American FactFinder, 2010 Census, 2010 Demographic Profile Data, Summary File DP-1, Profile of General Population and Housing Characteristics: 2010 (Geographies as noted); <http://factfinder2.census.gov>

Growth Trend for Elderly (Age 65 and Older) Population, by Decade, 2000 through 2030

Location	2000 Census								
	Total Population (2000)	# Population Age 65 and Older	% Population Age 65 and Older	# Age 65-74	% Age 65-74	# Age 75-84	% Age 75-84	# Age 85+	% Age 85+
Pender County	41,082	5,780	14.1	3,508	8.5	1,808	4.4	464	1.1
Franklin County	47,260	5,194	11.0	2,846	6.0	1,738	3.7	610	1.3
Nash County	87,420	10,882	12.4	5,974	6.8	3,824	4.4	1,084	1.2
State of NC	8,049,313	969,048	12.0	533,777	6.6	329,810	4.1	105,461	1.3
Source	1	1	1	1	5	1	5	1	5

Location	2010 Census								
	Total Population (2010)	# Population Age 65 and Older	% Population Age 65 and Older	# Age 65-74	% Age 65-74	# Age 75-84	% Age 75-84	# Age 85+	% Age 85+
Pender County	52,217	7,886	15.1	4,685	9.0	2,401	4.6	800	1.5
Franklin County	60,619	7,678	12.7	4,559	7.5	2,329	3.8	790	1.3
Nash County	95,840	13,393	14.0	7,474	7.8	4,325	4.5	1,594	1.7
State of NC	9,535,483	1,234,079	12.9	697,567	7.3	389,051	4.1	147,461	1.5
Source	2	2	2	2	5	2	5	2	5

Location	2020 (Projected)								
	Total Projected Population	# Population Age 65 and Older	% Population Age 65 and Older	# Age 65-74	% Age 65-74	# Age 75-84	% Age 75-84	# Age 85+	% Age 85+
Pender County	60,845	11,889	19.5	7,090	11.7	3,595	5.9	1,204	2.0
Franklin County	66,009	12,001	18.2	7,291	11.0	3,529	5.3	1,181	1.8
Nash County	92,597	18,078	19.5	11,160	12.1	5,153	5.6	1,765	1.9
State of NC	10,614,862	1,763,950	16.6	1,051,688	9.9	519,963	4.9	192,299	1.8
Source	3	3	5	3	5	3	5	3	5

Location	2030 (Projected)								
	Total Projected Population	# Population Age 65 and Older	% Population Age 65 and Older	# Age 65-74	% Age 65-74	# Age 75-84	% Age 75-84	# Age 85+	% Age 85+
Pender County	66,913	15,336	22.9	8,249	12.3	5,291	7.9	1,796	2.7
Franklin County	71,211	16,270	22.8	8,904	12.5	5,577	7.8	1,789	2.5
Nash County	93,722	22,346	23.8	12,148	13.0	7,920	8.5	2,278	2.4
State of NC	11,629,556	2,262,855	19.5	1,241,404	10.7	765,598	6.6	255,853	2.2
Source	4	4	5	4	5	4	5	4	5

1 - US Census Bureau, American FactFinder. *Profile of General Demographic Characteristics: 2000 (DP-1), SF1*; <http://factfinder2.census.gov>

2 - US Census Bureau, American FactFinder. *Profile of General Population and Housing Characteristics: 2010 (DP-1)*; <http://factfinder2.census.gov>

3 - NC Office of State Budget and Management, County/State Population Projections. *Age, Race, and Sex Projections, Age Groups - Total, July 1, 2020 County Total Age Groups - Standard*; http://www.osbm.state.nc.us/ncosbm/facts_and_figures/socioeconomic_data/population_estimates/county_projections.shtm

4 - NC Office of State Budget and Management, County/State Population Projections. *Age, Race, and Sex Projections, Age Groups - Total, July 1, 2030 County Total Age Groups - Standard*; http://www.osbm.state.nc.us/ncosbm/facts_and_figures/socioeconomic_data/population_estimates/county_projections.shtm

5 - Percentages calculated using age group population as numerator and total population as denominator

Growth of the Foreign-born Population (<1990-2012)

Location	Number of Persons Arriving				% Increase 2000-2012
	Before 1990	1990-1999	2000-2009	After 2010	
Pender County	663	442	1,099	28	1.3
Franklin County	1,130	799	1,255	41	1.3
Nash County	1,436	1,615	1,914	187	3.8
State of NC	224,353	241,936	326,680	24,325	3.1

Source: US Census Bureau, American Fact Finder, 2012 ACS 5-Year Estimates, Table B05005: Year of Entry by Nativity and Citizenship Status in the United States.
<http://factfinder2.census.gov>

Note: percentage increase is calculated.

Household Language by Linguistic Isolation¹ (2012 ACS 5-Year estimate)

Location	Total Households	Number of Households								
		English- Speaking	Spanish-Speaking		Speaking Other Indo- European Languages		Speaking Asian or Pacific Island Languages		Speaking Other Languages	
			Isolated	Not isolated	Isolated	Not isolated	Isolated	Not isolated	Isolated	Not isolated
Pender County	20,217	18,988	366	515	26	251	0	65	0	6
Franklin County	23,319	21,407	464	1,028	0	210	6	195	4	5
Nash County	37,636	35,205	601	1,100	23	315	56	124	16	196
State of NC	3,693,221	3,302,567	75,897	162,219	7,688	72,008	12,469	41,548	2,719	16,106

Source: US Census Bureau, American Fact Finder, Table B16002: Household Language by Linguistic Isolation, 2012 American Community Survey 5-Year

¹ A linguistically isolated household is one in which no member 14 years and over (1) speaks only English, or (2) speaks a non-English language and speaks English "very

Latino/Hispanic and Overall Population: Distribution by Age (2012 ACS Estimates)

Pender County

Ages	No. Total Population	% of Total Population	No. Latino/Hispanic Population	% of Latino/Hispanic Population	% Males Among Latino/Hispanic Population
Under 5	3064	5.9	398	12.5	5.5
5 to 9	3259	6.2	358	11.3	5.6
10 to 14	3394	6.5	338	10.6	5.7
15 to 19	3467	6.6	319	10.0	7.0
20 to 24	2774	5.3	216	6.8	2.4
25 to 29	2838	5.4	269	8.5	6.1
30 to 34	3048	5.8	423	13.3	7.7
35 to 44	7096	13.6	376	11.8	7.9
45 to 54	8149	15.6	296	9.3	4.2
55 to 64	7242	13.9	92	2.9	0.7
65 to 74	4685	9.0	83	2.6	0.9
75 to 84	2401	4.6	4	0.1	0.1
85+	800	1.5	8	0.3	0.0
Total	52,217	100.0	3180	100.0	53.8

Source:

a

c

b

c

c

a - US Census Bureau, American Fact Finder, Table B01001: Sex by Age, 2012 ACS 5-Year Estimates.

b - US Census Bureau, American Fact Finder, Table B01001: Sex by Age (Hispanic or Latino), 2012 ACS 5-Year

c - Percentages are calculated

Veteran Status of Population (Five-Year Estimate, 2008-2012)

Location	Civilian Population 18 years and over					% Veterans by Age				
	Total	# Non-Veterans	% Non-Veterans	# Veterans	% Veterans	18 to 34 years	35 to 54 years	55 to 64 years	65 to 74 years	75 years and over
Pender County	40,127	35,165	87.6	4,962	12.4	9.1	28.6	23.3	20.0	19.1
Franklin County	45,879	41,531	90.5	4,348	9.5	9.2	38.5	19.6	18.7	14.0
Nash County	72,741	65,765	90.4	6,976	9.6	2.8	28.0	27.7	21.7	19.9
State of NC	7,180,691	6,441,765	89.7	738,926	10.3	8.6	29.4	24.5	19.3	18.2
National Total	234,029,580	212,175,668	90.7	21,853,912	9.3	7.9	25.5	24.2	20.2	22.2

Source: US Census Bureau, American Fact Finder. Veteran Status, 2012 American Community Survey 5-Year Estimate. Table S2101: Veteran Status; <http://factfinder2.census.gov>

Registered Voters, by Race/Ethnicity, Number and Percent (as of 4/5/2014)

Location	Estimated Voting Age Population (2014)	Number and Percent of Voting Age Population Registered to Vote ¹											
		Total		White		Black		American Indian		Hispanic		Other	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Pender County	45,462	36,545	80.4	28,686	78.5	6,592	18.0	50	0.1	1,344	3.7	179	0.5
Franklin County	49,273	40,138	81.5	27,299	68.0	11,120	27.7	111	0.3	1,608	4.0	565	1.4
Nash County	76,491	66,772	87.3	38,431	57.6	25,904	38.8	286	0.4	2,151	3.2	698	1.0
State of NC	7,568,283	6,516,714	86.1	4,621,578	70.9	1,463,732	22.5	53,270	0.8	378,134	5.8	119,859	1.8

Source: a b c b c b c b c b c b c

¹ The total number of registered voters reported by the NC State Board of Elections is based on the sum of registrations by party affiliation, and does not necessarily equal the sum of registrations by race. Therefore, the sum of the percentages does not equal 100%.

a - Log Into North Carolina (LINC) Database, Topic Group Government, Voters and Elections, Voting Age Population (Data Item 1714), 2012; http://data.osbm.state.nc/pls/linc/dyn_linc_main.show

b - NC State Board of Elections, Voter Registration, Voter Statistics, Voter Registration Statistics; http://www.ncsbe.gov/webapps/voter_stats/

c - Percentages are calculated

Voter Turnout in General Elections (2004-2012)

Location	% Registered Voters that Voted				
	2004	2006	2008	2010	2012
Pender County	62.00	38.00			
Franklin County	70.00	42.00			
Nash County	65.00	30.00			
State of NC	64.00	37.00	69.93	43.75	68.42

Source: NC State Board of Elections, Data and Statistics, SBE FTP site,

Churches (2010)

Pender County

Religious Bodies	Tradition	Family	Number of Congregations	Number of Adherents
African Methodist Episcopal Church	Black Protestant	Methodist/Pietist	12	1,826
African Methodist Episcopal Zion Church	Black Protestant	Methodist/Pietist	1	121
Assemblies of God	Evangelical Protestant	Pentecostal	1	42
Baha'i	Other	Other Groups	0	8
Catholic Church	Catholic	Catholicism	3	2,008
Christian Church (Disciples of Christ)	Mainline Protestant	Baptist	1	0
Church of God (Cleveland, Tennessee)	Evangelical Protestant	Pentecostal	2	93
Church of Jesus Christ of Latter-day Saints	Other	Latter-day Saints	2	734
Churches of Christ	Evangelical Protestant	Baptist	1	10
Episcopal Church	Mainline Protestant	Episcopalianism/Anglicanism	2	160
Evangelical Presbyterian Church	Evangelical Protestant	Presbyterian - Reformed	1	70
Full Gospel Baptist Church Fellowship	Black Protestant	Baptist	1	
International Pentecostal Holiness Church	Evangelical Protestant	Pentecostal	1	132
Jehovah's Witnesses	Other	Adventist	1	
National Association of Free Will Baptists	Evangelical Protestant	Baptist	2	276
National Missionary Baptist Convention, Inc	Black Protestant	Baptist	1	181
Non-denominational	Evangelical Protestant		10	1,438
Pentecostal Free Will Baptist Church, Inc	Evangelical Protestant	Pentecostal	6	
Presbyterian Church (U.S.A.)	Mainline Protestant	Presbyterian - Reformed	8	1,063
Seventh-day Adventist Church	Evangelical Protestant	Adventist	1	13
Southern Baptist Convention	Evangelical Protestant	Baptist	26	7,483
United Holy Church of America, Inc	Black Protestant	Pentecostal	7	
United Methodist Church	Mainline Protestant	Methodist/Pietist	9	3,306
TOTAL			99	18,964

Source: Association of Religious Data Archives (ARDA), US Congregational Membership: Reports, County Membership Report, Browse Reports, Counties; <http://www.thearda.com/rcms2010/>. Accessed April 11, 2014

Income (March 2014)

Location	2013 Estimated Per Capita Personal Income	Per Capita Income Difference from State	2013 Estimated Median Household Income	Median Household Income Difference from State	2011 Est Median Family Income	Median Family Income Difference from State
Pender County	\$22,159	-\$3,126	\$42,044	-\$4,406	\$54,536	-\$2,610
Franklin County	\$20,444	-\$4,841	\$41,492	-\$4,958	\$53,243	-\$3,903
Nash County	\$23,303	-\$1,982	\$42,116	-\$4,334	\$55,449	-\$1,697
State of NC	\$25,285 ¹	n/a	\$46,450 ¹	n/a	\$57,146 ¹	n/a

¹ US Census Bureau, American Community Survey 2012

Source: NC Dept of Commerce, AccessNC, Community Demographics, County Report, County Profile,
<http://accessnc.commerce.state.nc.us/EDIS/page1.html>

Per capita personal income is the income earned per person 15 years of age or older in the reference population

Median *household* income pertains to the incomes of all the people 15 years of age or older living in the same household (i.e., occupying the same housing unit) regardless of relationship. For example, two roommates sharing an apartment would be a household, but not a family.

Median *family* income pertains to the income of all the people 15 years of age or older living in the same household who are related either through marriage or bloodline. For example, in the case of a married couple who rent out a room in their house to a non-relative, the household would include all three people, but the family would be just the couple.

Insured Employment and Wages by Sector (2013 3rd Quarter)

Sector	Pender County			Franklin County			Nash County			North Carolina		
	Avg. No. Employed	% Total Employment in Sector	Average Weekly Wage per Employee	Avg. No. Employed	% Total Employment in Sector	Average Weekly Wage per Employee	Avg. No. Employed	% Total Employment in Sector	Average Weekly Wage per Employee	Avg. No. Employed	% Total Employment in Sector	Average Weekly Wage per Employee
Agriculture, Forestry, Fishing & Hunting	558	5.6	\$397	220	2.0	\$619	1,484	4.1	\$374	31,031	0.8	\$569
Mining Utilities	-	n/a	-	23	0.2	435	-	n/a	-	2,965	0.1	\$900
Construction	-	n/a	-	-	n/a	-	-	n/a	-	13,787	0.3	\$1,471
Manufacturing	684	6.9	\$639	776	7.0	\$714	1,590	4.4	\$856	176,622	4.5	\$831
Wholesale Trade	722	7.2	\$759	1,924	17.3	\$1,040	4,207	11.7	\$872	443,697	11.2	\$1,021
Retail Trade	463	4.6	\$742	406	3.6	\$1,074	1,716	4.8	\$983	174,770	4.4	\$1,186
Transportation & Warehousing	1373	13.8	\$418	1,199	10.8	\$421	4,939	13.7	\$441	467,680	11.8	\$491
Information	157	1.6	\$739	347	3.1	\$734	687	1.9	\$843	128,377	3.2	\$850
Finance & Insurance	18	0.2	\$1,122	59	0.5	\$945	645	1.8	\$721	70,732	1.8	\$1,256
Real Estate & Rental & Leasing	120	1.2	\$878	149	1.3	\$739	940	2.6	\$904	151,560	3.8	\$1,362
Professional, Scientific & Technical Services	248	2.5	\$1,056	53	0.5	\$516	318	0.9	\$544	51,998	1.3	\$769
Management of Companies & Enterprises	264	2.6	\$729	681	6.1	\$558	1,384	3.8	\$665	201,514	5.1	\$1,299
Administrative & Waste Services	-	n/a	-	-	n/a	-	812	2.3	\$1,233	78,113	2.0	\$1,531
Educational Services	414	4.1	\$466	612	5.5	\$514	2,112	5.9	\$489	279,847	7.1	\$593
Health Care & Social Assistance	861	8.6	\$727	1,175	10.5	\$712	2,522	7.0	\$735	326,540	8.2	\$817
Arts, Entertainment & Recreation	1377	13.8	\$576	1,397	12.5	\$608	5,654	15.7	\$794	575,796	14.5	\$857
Accommodation & Food Services	152	1.5	\$427	105	0.9	\$204	194	0.5	\$287	71,872	1.8	\$499
Other Services	1290	12.9	\$271	632	5.7	\$240	4,188	11.6	\$284	380,482	9.6	\$296
Public Administration	249	2.5	\$539	281	2.5	499	929	2.6	\$432	101,718	2.6	\$573
Unclassified	1035	10.4	\$684	1,111	10.0	\$686	1,662	4.6	\$741	239,294	6.0	\$847
TOTAL ALL SECTORS	9,985	100.0	\$657	11,150	100.0	\$625	35,983	100.0	\$678	3,968,395	100.0	\$901

Source: Employment Security Commission, Labor and Economic Analysis Division, Demand Driven Data Delivery System, Quarterly Census Employment and Wages, customized report by geography. <http://esesc23.esc.state.nc.us/d4/>

* - Disclosure suppressed

¹ Percent Total Employment in Sector values were calculated by dividing the Avg. Number of Employed within a sector by the total employees in All Sectors.

Sector	Percent Employment by Sector			
	Pender	STATE	Franklin	Nash
Agriculture, Forestry, Fishing & Hunting	5.6	0.8	2.0	4.1
Mining Utilities	n/a	0.1	0.2	n/a
Construction	n/a	0.3	n/a	n/a
Manufacturing	6.9	4.5	7.0	4.4
Wholesale Trade	7.2	11.2	17.3	11.7
Retail Trade	4.6	4.4	3.6	4.8
Transportation & Warehousing	13.8	11.8	10.8	13.7
Information	1.6	3.2	3.1	1.9
Finance & Insurance	0.2	1.8	0.5	1.8
Real Estate & Rental & Leasing	1.2	3.8	1.3	2.6
Professional, Scientific & Technical Services	2.5	1.3	0.5	0.9
Management of Companies & Enterprises	2.6	5.1	6.1	3.8
Administrative & Waste Services	n/a	2.0	n/a	2.3
Educational Services	4.1	7.1	5.5	5.9
Health Care & Social Assistance	8.6	8.2	10.5	7.0
Arts, Entertainment & Recreation	13.8	14.5	12.5	15.7
Accommodation & Food Services	1.5	1.8	0.9	0.5
Other Services	12.9	9.6	5.7	11.6
Public Administration	2.5	2.6	2.5	2.6
Unclassified	10.4	6.0	10.0	4.6
TOTAL ALL SECTORS	100.0	100.0	100.0	100.0

Sector	Average Weekly Wage per Employee			
	Pender	STATE	Franklin	Nash
Agriculture, Forestry, Fishing & Hunting	\$397	\$569	\$619	\$374
Mining Utilities	-	\$900	435	-
Construction	-	\$1,471	-	-
Manufacturing	\$639	\$831	\$714	\$856
Wholesale Trade	\$759	\$1,021	\$1,040	\$872
Retail Trade	\$742	\$1,186	\$1,074	\$983
Transportation & Warehousing	\$418	\$491	\$421	\$441
Information	\$739	\$850	\$734	\$843
Finance & Insurance	\$1,122	\$1,256	\$945	\$721
Real Estate & Rental & Leasing	\$878	\$1,362	\$739	\$904
Professional, Scientific & Technical Services	\$1,056	\$769	\$516	\$544
Management of Companies & Enterprises	\$729	\$1,299	\$558	\$665
Administrative & Waste Services	-	\$1,531	-	\$1,233
Educational Services	\$466	\$593	\$514	\$489
Health Care & Social Assistance	\$727	\$817	\$712	\$735
Arts, Entertainment & Recreation	\$576	\$857	\$608	\$794
Accommodation & Food Services	\$427	\$499	\$204	\$287
Other Services	\$271	\$296	\$240	\$284
Public Administration	\$539	\$573	499	\$432
Unclassified	\$684	\$847	\$686	\$741
TOTAL ALL SECTORS	\$657	\$901	\$625	\$678

Top 25 Employers, by County (3rd Quarter 2013)

Pender County

Rank	Employer	Industry	No. Employed
1	Pender County Board of Education	Education and Health Services	1000+
2	Pender County NC	Public Administration	250-499
3	Dept of Public Safety	Public Administration	250-499
4	Pender Memorial Hospital Inc	Education and Health Services	250-499
5	Food Lion	Trade, Transportation & Utilities	100-249
6	LL Building Products (A Corp)	Manufacturing	100-249
7	Pender Volunteer EMS and Rescue Inc	Education and Health Services	100-249
8	Woodbury Wellness Center Inc	Education and Health Services	100-249
9	Daybreak of Wilmington Inc	Leisure and Hospitality	100-249
10	Lowes Home Centers Inc	Trade, Transportation & Utilities	100-249
11	Gomez Harvesting LLC	Natural Resources and Mining	100-249
12	Lowes Food Stores Inc	Trade, Transportation & Utilities	100-249
13	Huntington Health Care and Retirement	Education and Health Services	100-249
14	Smithfield Foods Inc	Manufacturing	100-249
15	Harris Teeter Inc	Trade, Transportation & Utilities	50-99
16	Wireless Generation Inc	Financial Activities	50-99
17	Hardee's	Leisure and Hospitality	50-99
18	Genlyte Thomas Group LLC	Manufacturing	50-99
19	US Postal Services	Trade, Transportation & Utilities	50-99
20	Piggly Wiggly #86	Trade, Transportation & Utilities	50-99
21	Johnson Nursery	Trade, Transportation & Utilities	50-99
22	Mainsail Restaurant	Leisure and Hospitality	50-99
23	NC Dept of Transportation	Public Administration	50-99
24	Town of Surf City NC	Public Administration	50-99
25	Four County Electric	Trade, Transportation & Utilities	50-99

Source: NC Department of Commerce, Economic Intelligence Development System (EDIS), Business Data, Top Employers, by County;
<http://accessnc.commerce.state.nc.us/EDIS/business.html>

Place of Work for Resident Workers Age 16 and Older (2008-2012 Estimate)

Location	Number and Percent of Residents										
	Total # Workers Over 16	# Working in NC	% Working in NC	# Working in County	% Working in County	# Working out of County	% Working out of County	# Working out of State	% Working out of State	Total # Leaving County for Work	Total % Leaving County for Work
Pender County	22,102	21,896	99.1	8,924	40.4	12,972	58.7	206	0.9	13,178	59.6
Franklin County	25,836	25,641	99.2	9,612	37.2	16,029	62.0	195	0.8	16,224	62.8
Nash County	40,704	40,331	99.1	27,268	67.0	13,063	32.1	373	0.9	13,436	33.0
State of NC	4,237,689	4,132,315	97.5	3,052,822	72.0	1,079,493	25.5	105,374	2.5	1,184,867	28.0

Source: US Census Bureau, American Fact Finder, 2012 ACS 5-Year Estimate, Table B08007: Sex of Workers by Place of Work, State and County Level;
<http://factfinder.census.gov>

Annual Unemployment Rate (2000-2012)

Location	Rate (Percent of Civilian Labor Force Unemployed)														
	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	
Pender County	4.1	5.8	7.6	6.6	4.9	4.8	4.1	4.2	6.3	10.8	11.2	11.8	10.7	9.4	
Franklin County	3.3	5.0	6.5	6.3	5.2	4.8	4.2	4.5	6.4	10.1	10.4	10.1	8.9	7.4	
Nash County	4.6	6.4	7.9	7.2	6.4	6.0	5.5	5.4	7.6	11.9	12.9	12.7	12.1	10.9	
State of NC	3.7	5.6	6.6	6.5	5.5	5.3	4.8	4.8	6.3	10.4	10.8	10.2	9.5	8.0	

Source: Employment Security Commission, Labor and Economic Analysis Division, Demand Driven Data Delivery System.
<http://esesc23.esc.state.nc.us/d4/>

Note: The unemployment rate is calculated by dividing the number of unemployed by the civilian labor force. The civilian labor force is the total employed plus the unemployed.

Decadal Annual Poverty Rate* (1970-2000; 2006-2010, 2007-2011 and 2008-2012 Five-Year Estimates)

Location	Percent of All People in Poverty							
	1970	1980	1990	2000	006-201	007-201	008-201 2	
Pender County	35.6	21.3	17.2	13.6	14.8	15.9	18.0	
Franklin County	33.5	20.3	14.5	12.6	15.0	15.5	15.4	
Nash County	30.4	19.9	13.6	13.4	14.1	16.0	17.6	
State of NC	20.3	14.8	13.0	12.3	15.5	16.1	16.8	

Source: a a a a b c d
 a - Log Into North Carolina (LINC) Database, Topic Group Employment and Income (Data Item
 b - US Census Bureau, American Fact Finder, American Community Survey, 2010 American
 c - US Census Bureau, American Fact Finder, American Community Survey, 2011 American
 d - US Census Bureau, American Fact Finder, American Community Survey, 2012 American

* The poverty rate is the percent of the population - individuals and families - whose money

Persons in Poverty, by Percent, by Age by Decade (1980-2000 and 2006-2010, 2007-2011 and 2008-2012 Five-Year Estimate)

Location	1980				1990				2000				2006-2010				2007-2011				2008-2012			
	Total % in Poverty	% Children Under 6 in Poverty	% Children Under 18 in Poverty	% Adults 65 or Older in Poverty	Total % in Poverty	% Children Under 6 in Poverty	% Children Under 18 in Poverty	% Adults 65 or Older in Poverty	Total % in Poverty	% Children Under 6 in Poverty	% Children Under 18 in Poverty	% Adults 65 or Older in Poverty	Total % in Poverty	% Related Children Under 5 in Poverty	% Related Children Under 18 in Poverty	% Adults 65 or Older in Poverty	Total % in Poverty	% Related Children Under 5 in Poverty	% Related Children Under 18 in Poverty	% Adults 65 or Older in Poverty	Total % in Poverty	% Related Children Under 5 in Poverty	% Related Children Under 18 in Poverty	% Adults 65 or Older in Poverty
Pender County	21.3	24.7	26.5	31.1	17.2	28.0	24.6	22.8	13.6	24.1	18.6	14.4	14.8	26.2	19.6	13.0	15.9	29.1	22.8	12.0	18.0	30.2	26.1	12.8
Franklin County	20.3	20.5	23.8	34.1	14.5	19.9	17.1	27.3	12.6	18.2	16.1	16.7	15.0	22.9	19.1	13.7	15.5	23.0	20.2	13.0	15.4	23.6	19.3	13.8
Nash County	19.9	25.1	26.0	26.4	13.6	19.7	17.2	23.9	13.4	17.7	17.8	15.2	14.1	26.8	20.3	13.0	16.0	28.0	22.6	13.1	17.6	28.1	24.5	14.8
State of NC	14.8	19.7	18.3	23.9	13.0	19.1	16.9	19.5	12.3	17.8	15.7	13.2	15.5	25.5	21.3	10.7	16.1	26.4	22.3	10.3	16.8	28.0	23.5	10.2

Source: a - Log Into North Carolina (LINC) Database, Topic Group Employment and Income (Data Items 6094, 6100, 6102, 6104); http://data.osbm.state.nc.us/pls/linc/dyn_linc_main.show

b - US Census Bureau, American Fact Finder, American Community Survey, 2010 American Community Survey 5-Year Estimates, DP03 Selected Economic Characteristics, County, North Carolina (Counties as listed); <http://factfinder2.census.gov>

c - US Census Bureau, American Fact Finder, American Community Survey, 2011 American Community Survey 5-Year Estimates, Data Profiles, County, North Carolina (Counties as listed); <http://factfinder2.census.gov>

d - US Census Bureau, American Fact Finder, American Community Survey, 2011 American Community Survey 5-Year Estimates, Data Profiles, County, North Carolina (Counties as listed); <http://factfinder2.census.gov>

Children Receiving Free or Reduced-price School Lunch (School Years as Noted)

Location	No. Students Receiving Free or Reduced-Price Lunch						
	SY2006-07	SY2007-08	SY2008-09	SY2009-10	SY2010-11	SY2011-12	SY2012-13
Pender County	4,130	4,260	4,459	4,702	4,857	5,260	5,155
Franklin County	4,245	4,049	4,450	4,708	4,984	5,226	5,272
Nash County	10,239	10,578	9,714	11,120	10,887	11,369	11,310
State of NC	671,831	679,877	703,887	752,708	759,361	793,893	803,302

Source: NC Department of Instruction, Data & Statistics, Other Education Data: Select Financial Data, Free and Reduced Meals Application Data (by school year).
<http://www.ncpublicschools.org/fbs/resources/data/>

Each cell calculates the total. See also the formula box: the first # is the count for reduced-price lunch, the second # is the count for free lunch.

The *percent* of students who receive school lunch free or at a reduced price is calculated as the total number of children on free or reduced price lunch divided by average daily membership (ADM).

Location	Percent Students Enrolled for Free or Reduced-Price Lunch									
	SY2003-04	SY2004-05	SY2005-06	SY2006-07	SY2007-08	SY2008-09	SY2009-10	SY2010-11	SY2011-12	
Pender County	55.7	55.8	55.5	53.9	53.9	54.7	58.6	59.6	63.7	
Franklin County	54.1	54.8	52.7	51.9	48.0	53.0	56.1	58.8	61.3	
Nash County	56.7	56.3	57.6	57.2	60.3	55.8	65.4	64.8	69.6	
State of NC	48.2	47.7	48.4	48.5	48.4	49.9	53.7	53.9	56.0	

Source: Annie E. Casey Foundation, Kids Count Data Center, Data by State, North Carolina, Profiles (state and counties as noted), Other Education, Percent of Students Enrolled in Free and Reduced Lunch;
<http://datacenter.kidscount.org/data/bystate/StateLanding.aspx?state=NC>

All students in a school system should receive a letter and information about applying for eligibility.

<http://childnutrition.ncpublicschools.gov/information-resources/eligibility/eligibility/eligibility-manual.pdf>

Once a student (their family, really) is determined to be eligible, based on family income, enrollment in other assistance programs (Work First, SNAP, etc) they receive a letter notifying them that their application was approved (or if more information is needed).

Students have to be eligible to receive meals; not everyone that is eligible will choose to receive meals/enroll in the program.

The percent of students who receive school lunch free or at a reduced price. Calculated as the number of children on free or reduced price lunch divided by average daily membership.

To be eligible for free lunch under the National School Lunch Act students must live in households earning at or below 130 percent of the Federal poverty guidelines.

To be eligible for reduced price lunch, students must live in households earning at or below 185 percent of the Federal poverty guidelines.

Housing Cost as Percentage of Household Income (Two 5-Year Estimates, 2005-2009 and 2008-2012)

Location	Renter Occupied Units							
	2005-2009				2008-2012			
	Total Units	Units Spending >30% Household Income on Housing		Median Gross Monthly Rent	Total Units	Units Spending >30% Household Income on Housing		Median Gross Monthly Rent
		#	%			#	%	
Pender County	3,254	1,529	48.5	\$722	3,711	1,741	48.3	\$762
Franklin County	3,840	1,894	49.8	\$648	4,575	2,280	49.3	\$689
Nash County	12,082	5,063	42.9	\$642	12,477	6,329	50.9	\$743
State of NC	1,131,480	486,934	43.0	\$702	1,095,577	554,428	50.6	\$759
Source	1	1	1	1	2	2	2	2

Location	Mortgaged Housing Units							
	2005-2009				2008-2012			
	Total Units	Units Spending >30% Household Income on Housing		Median Monthly Mortgage Cost	Total Units	Units Spending >30% Household Income on Housing		Median Monthly Mortgage Cost
		#	%			#	%	
Pender County	9,774	1,118	19.1	\$1,126	9,803	3,700	38.4	\$1,282
Franklin County	10,377	3,516	34.0	\$1,130	11,484	4,474	39.1	\$1,184
Nash County	14,745	4,658	31.6	\$1,170	14,920	4,647	31.3	\$1,199
State of NC	1,634,410	513,340	31.4	\$1,216	1,658,483	539,993	32.6	\$1,287
Source	1	1	1	1	2	2	2	2

1 - US Census Bureau, American FactFinder. 2009 ACS 5-Year Estimates. Table DP04: Selected Housing Characteristics (geographies as listed). <http://factfinder2.census.gov>

2 - US Census Bureau, American FactFinder. 2012 ACS 5-Year Estimates. Table DP04: Selected Housing Characteristics (geographies as listed). <http://factfinder2.census.gov>

Note from US Census Bureau: Percent of renter-occupied units spending greater than 30% of household income on rental housing was derived by dividing the number of renter-occupied units spending >30% by total renter-occupied units, using 5-year estimates from the Census Bureau, American Community Survey. Gross rent is the amount of the contract rent plus the estimated average monthly cost of utilities (electricity, gas, and water and sewer) and fuels (oil, coal, kerosene, wood, etc.) if these are paid for by the renter (or paid for the renter by someone else). Gross rent is intended to eliminate differentials which result from varying practices with respect to the inclusion of utilities and fuels as part of the rental payment.

Household Characteristics (2010 Census)

Location	Total No. Households ¹	Average Persons per Household	No. One-person Households	% Households One-person	No. One-person Age ≥65 Households	% One-person Households ≥Age 65
Pender County	20,333	2.51	4,733	23.3	1,944	9.5
Franklin County	23,023	2.56	5,581	24.2	2,043	8.8
Nash County	37,782	2.48	10,340	27.4	3,953	10.5
State of NC	3,745,155	2.48	1,011,348	27.0	341,864	33.8

Source US Census Bureau, American FactFinder, 2010 Census, 2010 Demographic Profile Data, Summary File DP-1, Profile of General Population and Housing Characteristics (geographies as noted); <http://factfinder2.census.gov>

¹ A household includes all the persons who occupy a housing unit. A housing unit is a house, an apartment, a mobile home, a group of rooms, or a single room that is occupied (or if vacant, is intended for occupancy) as separate living quarters. Separate living quarters are those in which the occupants live and eat separately from any other persons in the building and which have direct access from the outside of the building or through a common hall. The occupants may be a single family, one person living alone, two or more families living together, or any other group of related or unrelated persons who share living arrangements. (People not living in households are classified as living in group quarters.)

2008-2012 ACS 5-Year Estimates

Location	Total No. Households ¹	Average Persons per Household	% Households One-person	% One-person Households ≥Age 65
Pender County	20,217	2.53	25.4	10.8
Franklin County	23,319	2.52	24.5	9.7
Nash County	37,636	2.48	29.0	12.2
State of NC	3,693,221	2.51	27.7	9.3

Table S1101: Households and Families

Single Parent Families (2000 and 2010)

Location	2000										
	Total Families	Total Families with Own Children	Female Family Householders with Children <18		Male Family Householders with Children <18		Total Children <18	Children <18 Living with Both Parents		Children <18 Not Living with Both Parents	
	Number	Number	Number	%	Number	%	Number	Number	%	Number	%
Pender County	11,712	4,723	959	20.3	322	6.8	9,527	6,188	65.0	3,339	35.0
Franklin County	12,875	5,972	1,231	20.6	400	6.7	11,958	7,740	64.7	4,218	35.3
Nash County	23,931	11,014	2,718	24.7	617	5.6	22,204	13,883	62.5	8,321	37.5
State of NC	2,158,869	995,648	227,351	22.8	60,791	6.1	1,964,047	1,266,526	64.5	697,521	35.5
Source:	a	a	a	b	a	b	b	a	b	a	b

Location	2010										
	Total Families	Total Families with Own Children	Female Family Householders with Children <18		Male Family Householders with Children <18		Total Children <18	Children <18 Living with Both Parents		Children <18 Not Living with Both Parents	
	Number	Number	Number	%	Number	%	Number	Number	%	Number	%
Pender County	14,557	6,966	1,290	18.5	490	7.0	11,889	7,326	61.6	4,563	38.4
Franklin County	16,317	8,454	1,581	18.7	583	6.9	14,862	9,123	61.4	5,739	38.6
Nash County	25,767	13,758	3,366	24.5	839	6.1	22,935	12,420	54.2	10,515	45.8
State of NC	2,499,174	1,331,533	292,504	22.0	85,199	6.4	2,281,635	1,359,045	59.6	922,590	40.4
Source:	a	a	a	b	a	b	b	a	b	a	b

a - Log Into North Carolina (LINC) Database, Topic Group Population and Housing (Data Items 6044, 6046, 6048, 6049, 6050, 6051), 2000 and 2010;

http://data.osbm.state.nc/pls/linc/dyn_linc_main.show

b - Figures are calculated

Total Number of Families (6044): A family consists of two or more persons, including the householder, who are related by birth, marriage, or adoption, and who live together as one household; all such persons are considered as members of one family. (Persons not in families and not inmates of institutions are classified as unrelated individuals.)

Families with Own Children (6046): Families with their own children under age 18. An "own child" is a never-married child under 18 years who is a son, daughter, stepchild, or adopted child of the householder.

Female Householder Families with Children (6048): Families with a female householder, with no husband present, and with their own children under 18.

Male Householder Families with Children (6049): Families with a male householder, no wife present, and with their own children under 18.

Children Living with Both Parents (6050): Children under 18 who live with both parents. Own children of householders living in households that are classified as married-couple family households.

Children Not Living With Both Parents (6051): Children under 18 who do not live with both parents. Includes children under 18 living in a family with a male householder and no wife present; in a family with a female householder and no husband present; with other relatives; with nonrelatives; in group quarters; or, in some cases, living as householders themselves or as a spouse of a householder.

Grandparents Responsible for Children (Five-Year Estimate, 2008-2012)

Location	# Grandparents Living with Own Grandchildren (<18 Years)	Grandparent Responsible for Grandchildren (under 18 years)*	
		Est. #	%
Pender County	1,260	729	57.9
Franklin County	2,006	892	44.5
Nash County	2,167	1,122	51.8
State of NC	202,830	101,875	50.2

* - Grandparents responsible for grandchildren - data on grandparents as caregivers were derived from American Community Survey questions. Data were collected on whether a grandchild lives with a grandparent in the household, whether the grandparent has responsibility for the basic needs of the grandchild, and the duration of that responsibility. Responsibility of basic needs determines if the grandparent is financially responsible for food, shelter, clothing, day care, etc., for any or all grandchildren living in the household. Percent is derived with the number of grandparents responsible for grandchildren (under 18 years) as the numerator and number of grandparents living with own grandchildren (under 18 years) as the denominator.

Source: US Census Bureau, American FactFinder, 2008-2012 American Community Survey 5-Year Estimates. *Selected Social Characteristics in the United States (DP02)*; <http://factfinder2.census.gov>

Children Receiving WorkFirst Working Connections Child Care Subsidy (2005-2010)

Location	Number of Children Receiving WorkFirst Child Care Subsidy					
	2005	2006	2007	2008	2009	2010
Pender County	242	233	212	228	192	197
Franklin County	261	216	186	187	132	126
Nash County	403	361	331	419	368	323
State of NC	53,872	46,616	41,075	43,124	42,944	39,341

Source: Annie E. Casey Foundation, Kids Count Data Center, Community Level Data, North Carolina Indicators;
<http://datacenter.kidscount.org/data/bystate/chooseindicator.aspx?state=NC>

Definitions: Number of children receiving WorkFirst. Data are based on the number of children under 18 receiving Work First benefits for the month of December for a particular year.

K-12 Public School Enrollment, Excluding Charter Schools (School Years as Noted)

Location	Number of Students						
	SY2006-07	SY2007-08	SY2008-09	SY2009-10	SY2010-11	SY2011-12	SY2012-13
Pender County Schools	7,967	8,188	8,435	8,346	8,470	8,506	8,758
Franklin County Schools	8,464	8,735	8,679	8,605	8,722	8,770	8,811
Nash-Rocky Mount Schools	18,530	18,209	18,042	17,588	17,269	16,899	16,695
State of NC	1,452,420	1,458,156	1,456,558	1,446,650	1,450,435	1,458,572	1,467,297

Source: NC Department of Public Instruction, Data and Statistics, Education Data: NC Statistical Profile. NC Statistical Profile Online: Local Education Agencies Information, Pupil Accounting.

Number of Schools (SY2012-13)

Location	Public			Private			
	Secondary (9-12)	Combined	Other	K-12	K-8/9	9-12	Other
Pender County Schools	4				1		
Franklin County Schools	4			1			
Nash-Rocky Mount Schools	5	1		4	2		3 (K only)

Source:
a - NC Department of Public Instruction, NC School Report Cards, Search by School District.
b - NC Division of Non-Public Education publishes a directory, organized by county for the 2012-13 school year. <http://www.ncdnpe.org/documents/12-13->

Public K-12 Schools (April 2014)

School	Grade Range	Enrollment SY2012-13
Burgaw Elementary	PK-5	437
Burgaw Middle	6-8	241
Cape Fear Elementary	3-5	482
Cape Fear Middle	6-8	513
Heide Trask High	9-12	646
Malpass Corner Elementary	PK-5	428
North Topsail Elementary	PK-5	523
Pender Early College High	9-13	227
Pender High	9-12	592
Penderlea Elementary	K-8	567
Rocky Point Elementary	PK-2	499
South Topsail Elementary	PK-5	508
Topsail Elementary	PK-6	535
Topsail High	9-12	1,129
Topsail Middle	6-8	911
West Pender Middle	6-8	221

Educational Attainment (Years as Noted)

Location	Population High School Graduate or Higher	Population Bachelor's Degree or Higher	% 3rd Graders At or Above Grade Level, ABCs EOG Reading Test	% 3rd Graders At or Above Grade Level, ABCs EOG Math Test	% 8th Graders At or Above Grade Level, ABCs EOG Reading Test	% 8th Graders At or Above Grade Level, ABCs EOG Math Test	SAT Participation Rate	Average Total SAT Scores
	2008-2012	2008-2012	SY2012-13	SY2012-13	SY2012-13	SY2012-13	SY2012-13	SY2012-13
Pender County	86.0	19.8	43.3	35.9	39.3	34.3	51%	983
Franklin County	80.2	15.5	37.3	35.1	34.2	23.0	42%	981
Nash County	81.7	18.9	33.1	29.9	33.4	22.1	44%	921
State of NC	84.5	26.8	45.2	46.8	41.0	34.2	62%	1010

Source:

a

a

b

b

b

b

b

b

a - US Census Bureau, American Fact Finder, American Community Survey, 2008-2012 American Community Survey (ACS) 5-Year Estimates, Table DP02: Selected Social Characteristics, Educational Attainment, by State or County; <http://factfinder.census.gov>

b - NC Department of Public Instruction, Data and Statistics, Education Data, NC School Report Cards. District Profile. <http://www.ncreportcards.org/src/>

Educational Expenditures (SY2012-13)

Location	Per Pupil Expenditure			
	Local	State	Federal	Total
Pender County	\$2,031	\$5,138	\$823	\$7,991
Franklin County	\$1,624	\$5,746	\$850	\$8,221
Nash County	\$1,697	\$5,953	\$1,219	\$8,869
State of NC	\$2,095	\$5,395	\$1,008	\$8,498

Source:

NC Department of Public Instruction, Data and Statistics, Education Data, NC School Report Cards. District Profile. <http://www.ncreportcards.org/src/>

High School (Grades 9-12) Drop-Out Rate (School Years as Noted)

Location	Drop-Out Rate								
	SY2004-05	SY2005-06	SY2006-07	SY2007-08	SY2008-09	SY2009-10	SY2010-11	SY2011-12	SY2012-13
Pender County Schools	3.10	3.94	3.20	2.71	2.14	2.42	2.09	1.28	1.31
Franklin County Schools	3.03	4.13	4.10	3.70	3.68	2.7	2.84	3.02	2.92
Nash-Rocky Mount Schools	4.37	5.06	4.63	4.76	3.98	3.45	3.19	3.34	2.69
State of NC	4.74	5.04	5.27	4.97	4.27	3.75	3.43	3.01	1.64

NC Dept of Public Instruction, Research and Evaluation, Dropout Data and Collection Process, Annual Dropout Reports;

Source: <http://www.ncpublicschools.org/research/dropout/reports/>

A "dropout" is any student who leaves school for any reason before graduation or completion of a program of studies without transferring to another elementary or secondary school. For reporting purposes, a dropout is a student who was enrolled at some time during the previous school year, but who was not enrolled (and who does not meet reporting exclusions) on day 20 of the current school year.

**Four-Year Cohort High School Graduation Rate
9th Graders Entering 2009-10 and Graduating in 2012-13 or Earlier**

School System	All Students			Male			Female			Economically Disadvantaged		
	Total Students	# Students Graduating	% Students Graduating	Total Students	# Students Graduating	% Students Graduating	Total Students	# Students Graduating	% Students Graduating	Total Students	# Students Graduating	% Students Graduating
Pender County Schools	643	561	87.2	335	285	85.1	308	276	89.6	310	255	82.3
Franklin County Schools	684	553	80.8	369	280	75.9	315	273	86.7	311	246	79.1
Nash-Rocky Mount Schools	1,367	1,084	79.3	674	494	73.3	693	590	85.1	733	557	76.0
State of NC	109,795	90,549	82.5	56,329	44,254	78.6	53,466	46,295	86.6	47,663	36,288	76.1

Source: Public Schools of North Carolina, Cohort Graduation Rate. *4-Year Cohort Graduation Rate Report, 2009-10 Entering 9th Graders Graduating in 2012-13 or Earlier*.
<http://www.ncpublicschools.org/accountability/reporting/cohortgradrate>

Note: subgroup information is based on data collected when a student is last seen in the cohort
 "n/a" indicates that the student population in the subgroup is too small to report the value.

School Crime and Violence, All Grades (School Years as Noted)

Location	SY2005-06		SY2006-07		SY2007-08		SY2008-09		SY2009-10		SY2010-11		SY2011-12		SY2012-13	
	No. Acts	Rate														
Pender County Schools	30	4.1	30	3.9	40	5.1	57	7.0	49	6.1	25	3.1	70	8.5	52	6.1
Franklin County Schools	46	5.8	116	14.2	95	11.3	84	10.0	82	9.8	72	8.5	81	9.5	64	7.5
Nash-Rocky Mount Schools	138	7.7	125	7.0	128	7.3	112	6.4	128	7.5	87	5.2	90	5.5	90	5.6
State of NC	10,959	7.9	11,013	7.8	11,276	7.9	11,116	7.6	11,608	8.0	11,657	8.0	11,161	7.6	10,630	7.2
Source	a	a	a	a	b	b	b	b	b	b	b	b	b	b	b	b

a - NC Department of Public Instruction, Research and Evaluation, Discipline Data, Annual Report of School Crime and Violence (years as noted);

<http://www.ncpublicschools.org/research/discipline/reports/#consolidated>

b - NC Department of Public Instruction, Research and Evaluation, Discipline Data, Consolidated Data Reports, Crime & Violence Table

(years as noted); <http://www.ncpublicschools.org/research/discipline/reports/#consolidated>

¹ For list of reportable acts see accompanying text

² Rate is number of acts per 1,000 students

Crime Rates (2006-2012)

Location	Crimes per 100,000 Population																				
	2006			2007			2008			2009			2010			2011			2012		
	Index Crime	Violent Crime	Property Crime	Index Crime	Violent Crime	Property Crime	Index Crime	Violent Crime	Property Crime	Index Crime	Violent Crime	Property Crime	Index Crime	Violent Crime	Property Crime	Index Crime	Violent Crime	Property Crime	Index Crime	Violent Crime	Property Crime
Pender County	2,737.8	184.7	2,553.1	3,043.9	219.9	2,824.0	3,388.0	175.5	3,212.6	2,525.1	378.2	2,146.9	1,994.1	186.0	1,708.2	2,071.5	280.4	1,791.1	2,057.9	236.1	1,821.7
Franklin County	2,112.9	52.3	2,060.6	1,986.5	128.0	1,858.5	2,424.9	156.7	2,268.2	2,553.9	146.6	2,407.3	2,538.3	140.1	2,398.3	2,713.3	164.8	2,548.5	2,391.4	252.0	2,139.4
Nash County	6,070.7	192.7	5,578.0	5,331.5	527.5	4,804.0	5,664.1	627.3	5,036.7	5,163.5	624.8	4,538.7	4,137.7	574.8	3,562.9	4,461.3	464.1	3,997.2	*	*	*
State of NC	4,649.8	483.0	4,166.8	4,658.9	480.2	4,178.7	4,554.6	474.2	4,080.4	4,178.4	417.2	3,761.2	3,955.7	374.4	3,581.4	3,919.8	354.6	3,565.2	3,767.2	358.6	3,408.6

Source: NC Department of Justice, State Bureau of Investigation, Crime, View Crime Statistics, Crime Statistics (by Year); <http://ncdoj.gov/Crime/View-Crime-Statistics.aspx>

* INDICATE INCOMPLETE OR MISSING DATA

Index Crimes Reported (2006-2012)

Pender County

Type of Crime	Number of Crimes						
	2006	2007	2008	2009	2010	2011	2012
Violent Crime							
<i>Murder</i>	0	1	1	2	0	2	1
<i>Rape</i>	4	32	10	8	14	13	12
<i>Robbery</i>	17	4	16	11	4	13	14
<i>Aggravated Assault</i>	65	69	61	174	133	119	99
Property Crime							
<i>Burglary</i>	396	529	637	462	268	247	207
<i>Larceny</i>	677	767	808	583	580	643	722
<i>Motor Vehicle Theft</i>	116	65	166	62	54	49	43
Total Index Crimes	1,274	1,468	1,699	1,302	1,053	1,086	1,098

Source: NC State Bureau of Investigation, Crime in North Carolina, North Carolina Crime Statistics, Crime Statistics in Detailed Reports (By Year), 2012 Annual Reports, County Offenses Ten Year Trend, <http://crimereporting.ncdoj.gov/>

Robbery = Larceny by the threat of violence

Larceny = The theft of property without the use of force

Burglary = The unlawful breaking and entering into the premises of another, with the intent to commit a felony.

MV Theft = The theft or attempted theft of a motor vehicle.

Juvenile Justice Complaints and Outcomes (2011, 2012, 2013)

Location	Complaints												Outcomes								
	No. Undisciplined			No. Delinquent			Rate Undisciplined (Complaints per 1,000 Ages 6 to 17)			Rate Delinquent (Complaints per 1,000 Age 6 to 15)			No. Sent to Secure Detention			No. Sent to Youth Development Center			No. Transferred to Superior Court		
	2011	2012	2013	2011	2012	2013	2011	2012	2013	2011	2012	2013	2011	2012	2013	2011	2012	2013	2011	2012	2013
Pender County	6	5	4	239	263	238	0.7	0.6	0.5	34.9	38.7	35.5	13	11	7	0	1	0	0	0	0
Franklin County	21	21	27	160	139	70	2.0	2.1	2.7	18.6	16.3	8.2	14	7	3	0	0	1	0	0	0
Nash County	10	9	12	539	374	295	63.0	57.0	0.8	41.2	29.0	23.2	29	30	21	6	9	4	0	6	0
State of NC	3,603	3,194	2738	33,556	31,575	29353	2.3	2.5	1.7	26.1	24.7	22.9	3,558	2,767	2352	307	216	219	28	36	28

Source: NC Department of Juvenile Justice and Delinquency Prevention, Statistics and Legislative Reports, County Databooks (Search by Year); <https://www.ncdps.gov/index2.cfm?a=000003,002476,002483,002482,002506,002523>

- Undisciplined Juvenile between 6 and 16, who is unlawfully absent from school, or regularly disobedient and beyond disciplinary control of parent/guardian, or is regularly found where it is unlawful for juveniles to be, or has run away from home for more than 24 hours. It also includes 16-17 year olds who have done any of the above except being absent from school.
- Delinquent Any juvenile between 6 and not yet 16 who commits an offense that would be a crime under state or local law if committed by an adult.
- Complaint Formal allegation that a juvenile committed an offense, which will be reviewed by a counselor who decides whether to approve or not approve the complaint; if approved it will be heard in juvenile court.
- Diversion If a complaint is not approved, it may be diverted to a community resource: or placed on a diversion contract or plan which lays out stipulations for the juvenile (like community service) to keep the juvenile out of court.
- Non-divertible Non-divertible offenses include things like: murder, rape, sexual offense, arson, first degree burglary, crime against nature, willful infliction of serious bodily harm, assault with deadly weapon, etc.
- Transfer to Superior Court A juvenile who is 13, 14 or 15 who is alleged to have committed a felony may be transferred to Superior Court and tried and sentenced as an adult. If a juvenile is over 13 and charged with first degree murder, the judge must transfer the case to Superior Court if probable cause is found.

Sexual Assault Trend (FY2004-05 through FY2011-12)

Location	No. of Individuals Filing Complaints ("Clients")							
	FY2004-05	FY2005-06	FY2006-07	FY2007-08	FY2008-09	FY2009-10	FY2010-11	FY2011-12
Pender County	26	42	31	40	22	46	44	54
Franklin County	n/a	n/a	12	0	11	10	11	19
Nash County	12	36	21	25	29	63	60	55
State of NC	8,564	8,721	7,444	6,527	8,494	13,392	13,881	13,214

Source: NC Department of Administration, Council for Women, Domestic Violence Commission, Statistics, County Statistics (years as noted); <http://www.doa.state.nc.us/cfw/stats.htm>

Domestic Violence Trend (FY2004-05 through FY2011-12)

Location	No. of Individuals Filing Complaints ("Clients")							
	FY2004-05	FY2005-06	FY2006-07	FY2007-08	FY2008-09	FY2009-10	FY2010-11	FY2011-12
Pender County	203	243	245	310	169	294	327	266
Franklin County	583	394	344	174	361	353	399	443
Nash County	383	657	688	857	834	798	662	495
State of NC	50,726	48,173	47,305	41,787	51,873	66,320	61,283	51,563

Source: NC Department of Administration, Council for Women, Domestic Violence Commission, Statistics, County Statistics

* Program submitted partial data

Domestic Violence Complaint Details, by Services Received (FY2011-12)

Location	Total Domestic Violence	Services Received									Days Local Shelter
		Total	Information	Advocacy	Referral	Transport	Counseling	Hospital	Court	Other	
Pender County	266	742	304	96	187	42	0	0	26	87	30
Franklin County	443	6,425	663	2,761	878	120	1,511	0	461	31	16
Nash County	495	6,381	1,363	1,246	1,661	21	1,165	4	580	341	0
State of NC	51,563	394,083	109,444	87,453	61,412	20,161	43,715	820	41,160	29,918	6,196

Source: NC Department of Administration, Council for Women, Domestic Violence Commission, Statistics, 2011-12 County Statistics; <http://www.doa.state.nc.us/cfw/stats.htm>

Reports of Child Abuse and Neglect (FY2004-05 through FY2011-12)

Pender County

Category	2004-05	2005-06	2006-07	2007-08	2008-09	2009-10	2010-11	2011-12	2012-13
Total No. of Findings of Abuse, Neglect, Dependency	455	418	354	409	444	380	387	386	350
No. Substantiated ¹ Findings of Abuse and Neglect	6	9	4	2	3	3	1	2	6
No. Substantiated Findings of Abuse	12	3	1	2	0	1	0	1	1
No. Substantiated Findings of Neglect	90	72	18	19	7	16	11	6	4
Services Recommended	0	0	16	14	14	50	79	53	57
No. Unsubstantiated Findings	342	311	194	166	81	46	21	50	36
Services Not Recommended	0	10	85	166	246	198	190	210	164

Source: Child Welfare, Reports of Abuse and Neglect section, Reports of Abuse and Neglect Type of Finding/Decision (Not Exclusive) (Longitudinal Data);

[http://sasweb.unc.edu/cgi-](http://sasweb.unc.edu/cgi-bin/broker?_service=default&_program=cwweb.tbReport.sas&county=Alamance&label=County&format=html&entry=10&type=CHILD&fn=FRST&vtype=xfind)

[bin/broker?_service=default&_program=cwweb.tbReport.sas&county=Alamance&label=County&format=html&entry=10&type=CHILD&fn=FRST&vtype=xfind](http://sasweb.unc.edu/cgi-bin/broker?_service=default&_program=cwweb.tbReport.sas&county=Alamance&label=County&format=html&entry=10&type=CHILD&fn=FRST&vtype=xfind)

¹ A "substantiated" report of child abuse, neglect or exploitation indicates that the investigation supports a conclusion that the subject child(ren) was/were abused, neglected, or exploited.

Point in Time Findings of Child Abuse and Neglect

Pender County (FY2012-13)

Category of Finding	Number of Children											
	Total	White	African-American	Other Races	Hispanic	Non-Hispanic	Male	Female	Ages 0-5	Ages 6-12	Ages 13-17	Missing Age
Abuse and Neglect	8	5	2	1	2	6	3	5	2	3	3	0
Neglect	17	7	10	0	0	17	10	7	11	5	1	0
Services Needed	63	54	6	3	4	59	32	31	31	18	13	0
Services Provided, No Longer Needed	51	32	5	10	6	45	26	25	16	27	8	0
Services Recommended	108	80	21	4	8	100	52	56	41	39	28	0
Unsubstantiated	50	41	8	1	3	57	23	27	12	20	18	0
Services Not Recommended	268	205	50	13	15	253	136	132	98	110	56	4
	565	424	102	32	38	537	282	283	211	222	127	4

Source: Child Welfare, Reports of Abuse and Neglect section, Table of Summary Data: Type of Finding by Category (Longitudinal). <http://sasweb.unc.edu/cgi->

NC Adult Protective Services Survey Results (2009, 2011)

Location	2009											
	Reports Received	Screened In	Screened Out	Information & Referral	Outreach	Law Enforcement	DHSR/Home Specialist	District Attorney	VA	Div. Medical Assistance	Social Security	No. Staff Perf. APS Tasks
Pender County	96	68	28	9	11	0	0	0	0	0	0	7
Franklin County	84	49	35	6	3	0	1	0	0	0	0	6
Nash County	63	33	30	4	12	0	3	5	0	0	1	9
State of NC	17,073	9,835	7,239	2,443	2,640	471	568	488	34	42	134	542

Location	2011											
	Reports Received	Screened In	Screened Out	Information & Referral	Outreach	Law Enforcement	DHSR/Home Specialist	District Attorney	VA	Div. Medical Assistance	Social Security	No. Staff Perf. APS Tasks
Pender County	133	108	25	3	19	0	0	0	0	0	0	7
Franklin County	66	44	22	9	0	1	1	1	0	0	0	6
Nash County	48	43	5	2	3	0	0	0	0	0	0	8
State of NC	19,635	10,929	8,706	2,665	2,736	725	475	651	33	30	152	559

Source: NC DHHS Division of Aging and Adult Services. Adult Protective Services. APS Survey Data, 2009 and 2011. http://www.ncdhhs.gov/aging/adultsvcs/afs_aps.htm

Percent of Population without Health Insurance, by Age Group (2006-2007, 2008-2009, and 2010-2011)

Location	2006-2007			2008-2009			2010-2011		
	0-18	19-64	0-64	0-18	19-64	0-64	0-18	19-64	0-64
Pender County	12.5	25.3	21.5	11.1	24.8	21.0	8.0	22.2	18.2
Franklin County	14.5	23.4	20.7	11.5	23.1	19.7	8.4	23.0	18.7
Nash County	13.2	22.1	19.2	11.4	21.5	18.5	8.6	20.7	17.2
State of NC	11.3	19.5	19.5	11.5	23.2	19.7	9.4 ¹	23.0 ¹	18.9 ¹

Source: North Carolina Institute of Medicine, NC Health Data, Uninsured Snapshots, North Carolina County-Level Estimates of the Uninsured [Years as noted], <http://www.nciom.org/nc-health-data/uninsured-snapshots/>

¹ Source: North Carolina Institute of Medicine, NC Health Data, Uninsured Snapshots, Characteristics of Uninsured North Carolinians 2020-2011, <http://www.nciom.org/nc-health-data/uninsured-snapshots/>

	2006-07	2008-09	2010-11
Pender County	21.5	21.0	18.2
Franklin County	20.7	19.7	18.7
Nash County	19.2	18.5	17.2
State of NC	19.5	19.7	18.9

NC Health Choice (NCHC) Enrollment (FY2008 through FY2010)

Location	FY2008			FY2009			FY2010		
	# Children Eligible	# Eligibles Enrolled	% Eligibles Enrolled	# Children Eligible	# Eligibles Enrolled	% Eligibles Enrolled	# Children Eligible	# Eligibles Enrolled	% Eligibles Enrolled
Pender County	860	660	76.7	906	743	82.0	867	813	93.8
Franklin County	972	636	65.4	1020	743	72.8	1072	926	86.4
Nash County	1532	992	64.8	1558	1203	77.2	1635	1355	82.9
State of NC	131,446	87,234	66.4	140,141	103,624	73.9	143,022	122,536	85.7

Source: NC Division of Medical Assistance, Statistics and Reports, Medicaid Data, County-Specific Snapshots for NC Medicaid Services, 2006-2011; <http://www.ncdhhs.gov/dma/countyreports/index.htm>

Medicaid Eligibility and Expenditures (FY2007 through FY2010)

Location	FY2007			FY2008			FY2009			FY2010		
	No. Eligible	% Eligible	Average Cost per Adult Enrollee	No. Eligible	% Eligible	Average Cost per Adult Enrollee	No. Eligible	% Eligible	Average Cost per Adult Enrollee	No. Eligible	% Eligible	Average Cost per Adult Enrollee
Pender County	7,254	15.0	\$6,709	7,426	15.0	\$6,563	8,188	15.0	\$6,606	8,690	17.0	\$6,214
Franklin County	9,219	17.0	\$6,854	9,465	17.0	\$7,232	9,983	17.0	\$7,353	10,614	18.0	\$7,236
Nash County	16,003	17.0	\$6,477	16,692	18.0	\$6,541	18,084	19.0	\$6,991	18,756	20.0	\$6,699
State of NC	1,330,486	15.0	\$7,254	1,397,732	15.0	\$7,244	1,500,204	16.0	\$7,389	1,577,121	17.0	\$7,256

Source: NC Division of Medical Assistance, Statistics and Reports, Medicaid Data, County-Specific Snapshots for NC Medicaid Services, 2006-2011 (geographies as noted);

Community Care of NC/Carolina ACCESS Enrollment (2007 through 2010)

Location	2007		2008		2009		2010	
	No. Enrolled in Medicaid	% Medicaid Eligibles Enrolled	No. Enrolled in Medicaid	% Medicaid Eligibles Enrolled	No. Enrolled in Medicaid	% Medicaid Eligibles Enrolled	No. Enrolled in Medicaid	% Medicaid Eligibles Enrolled
Pender County	7,254	62	7,426	60	8,188	63	8,690	69
Franklin County	9,219	58	9,465	61	9,983	63	10,614	54
Nash County	16,003	55	16,692	54	18,084	58	18,756	59
State of NC	1,330,485	62	1,397,732	64	1,500,204	67	1,577,121	66

Source: NC Division of Medical Assistance, Statistics and Reports, Medicaid Data, County-Specific Snapshots for NC Medicaid

Participation in Health Check (EPSDT) (FY2006-07 through FY2011-12)

Location	FY2006-07			FY2007-08			FY2008-09			FY2009-10			FY2010-11			FY2011-12		
	No. Eligible	No. Eligibles Due Initial or Periodic Service	Part. Ratio ¹	No. Eligible	No. Eligibles Due Initial or Periodic Service	Part. Ratio	No. Eligible	No. Eligibles Due Initial or Periodic Service	Part. Ratio	No. Eligible	No. Eligibles Due Initial or Periodic Service	Part. Ratio	No. Eligible	No. Eligibles Due Initial or Periodic Service	Part. Ratio	No. Eligible	No. Eligibles Due Initial or Periodic Service	Part. Ratio
Pender County	5,160	2,762	72.9	5,258	2,798	76.6	5,619	3,020	79.4	5,886	4,942	49.3	6,149	5,060	51.5	6,311	5,315	51.6
Franklin County	6,331	3,498	78.7	6,512	3,573	77.5	6,903	3,790	78.4	7,213	6,161	53.3	7,484	6,230	57.3	7,503	6,414	60.4
Nash County	10,934	5,973	72.2	11,186	6,120	77.6	11,813	6,447	81.3	12,445	10,660	51.9	12,849	10,743	52.5	13,097	11,392	52.2
State of NC	976,383	542,209	75.8	n/a	563,421	77.3	n/a	594,043	80.0	1,185,510	963,619	53.8	1,146,716	961,381	54.7	1,161,170	999,141	57.1

Source: NC Division of Medical Assistance, Statistics and Reports, Health Check Participation Data; <http://www.ncdhhs.gov/dma/healthcheck/participationdata.htm>

¹ The participation ratio is calculated by dividing the number of eligibles receiving at least one initial screening service by the number of eligibles who should receive at least 1 initial or period screenings (not shown in the table).

Medicare/Medicaid Dual Enrollment (2007-2010)

AS OF JUNE EACH YEAR

Location	Percent of Eligibles Dually			
	2007	2008	2009	2010
Pender Cour	18.1	17.9	16.0	15.4
Franklin Cou	19.1	18.3	17.1	16.2
Nash County	20.1	19.2	17.7	17.3
State of NC	16.7	16.1	15.0	14.5

Source: NC Division of Medical Assistance,

Active Health Professionals per 10,000 Population (2010 through 2012)

Location	2010					2011					2012				
	MDs	Primary Care MDs	DDSs	RNs	Pharms	MDs	Primary Care MDs	DDS	RNs	Pharms	MDs	Primary Care MDs	DDS	RNs	Pharms
Pender County	4.8	3.4	3.4	34.7	5.5	3.9	2.8	3.4	35.7	4.3	4.8	3.3	3.1	37.5	4.6
Franklin County	4.1	2.8	1.2	31.2	4.3	3.6	2.0	1.1	30.0	4.4	3.7	2.3	1.3	30.4	4.5
Nash County	18.2	8.5	4.1	108.5	8.4	18.9	7.1	4.1	111.0	9.0	18.2	6.3	4.6	109.1	8.0
State of NC	21.7	9.4	4.4	97.3	9.2	22.1	7.8	4.4	98.6	9.5	22.3	7.6	4.5	99.6	10.1
United States	22.7 ²	8.2 ²	5.7 ³	92.0 ³	8.3 ³	22.7 ²	8.2 ²	5.7 ³	92.0 ³	8.3 ³	22.7 ²	8.2 ²	5.7 ³	92.0 ³	8.3 ³

Abbreviations used: MDs (Physicians), RNs (Registered Nurses), DDSs (Dentists), Pharms (Pharmacists)

family practice, general practice, internal medicine, pediatrics, or obstetrics/gynecology

² US ratio from US Census Bureau estimates. Comparison data is for date

³ US ratio from Bureau of Labor Statistics. Comparison data matches.

Source for NC Data: Cecil G. Sheps Center for Health Services Research, North Carolina Health Professions Data System, North

Number of General Hospital Beds¹ (2004-2014)

Location	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Pender County	43	43	43	43	43	43	43	43	43	43	43
Franklin County	70	70	70	70	70	70	70	70	70	70	70
Nash County	270	270	270	270	270	270	270	270	270	270	270
State of NC	20,590	20,338	20,329	20,322	20,443	20,647	20,699	20,647	20,757	20,799	20,919

Source: Log Into North Carolina (LINC) Database, Topic Group Vital Statistics and Health (Data Item 524); http://data.osbm.state.nc/pls/linc/dyn_linc_main.show

¹ Defined as "general acute care beds" in hospitals; that is, beds which are designated for short-stay use. Excluded are beds in service for dedicated clinical research, substance abuse, psychiatry, rehabilitation, hospice, and long-term care. Also excluded are beds in all federal hospitals and state hospitals.

School Student to Nurse Ratio (SY2009-10, SY2010-11, SY2011-12)

Location	Student to School Nurse Ratio		
	SY2009-10	SY2010-11	SY2011-12
Pender County	836	843	843
Franklin County	1,076	1,105	1,105
Nash County	879	869	869
State of NC	1,185	1,201	1,179

Source - NC DHHS, DPH, Women's and Children's Health, Facts

Number of Nursing Facility Beds¹ (2005-2014)

Location	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014
Pender County	253	253	253	253	253	253	253	210	210	210
Franklin County	258	258	258	258	258	258	258	258	258	258
Nash County	479	479	479	479	478	478	478	478	478	478
State of NC	43,987	44,248	44,210	44,234	44,315	45,143	45,382	43,470	43,606	43,955

Source: Log Into North Carolina (LINC) Database, Topic Group Vital Statistics and Health (Data Item 513);

¹ This count includes beds licensed as nursing facility beds, meaning those offering a level

NC-Licensed Adult Care Facilities (As of May 13, 2014)

Pender County

Facility Type/Name	Location	# Beds SFN (ACH)¹
Nursing Homes/Homes for the Aged		
Huntington Health Care	Burgaw	98 (23)
Woodbury Wellness Center Inc	Hampstead	112 (100)
Adult Care Homes/Homes for the Aged		
Ashe Gardens	Burgaw	60
Pen-Du Rest Home	Wallace	19

1 - SNF (ACH) = Maximum number of nursing or adult care home beds for which the facility is licensed.

Source - NC Department of Health and Human Services, Division of Health Services Regulation (DHSR),
Licensed Facilities, Adult Care Homes, Family Care Homes, Nursing Facilities (by County);
<http://www.ncdhhs.gov/dhsr/reports.htm>

NC-Licensed Mental Health Facilities (G.S. 122C) (May 2014)

Pender County

Name of Facility/Operator	Location	Category
A Special Touch	Willard	Residential Treatment Level III
A Special Touch II	Burgaw	Supervised Living DD Adult
Alexander House/Plumb Line Services, Inc	Burgaw	Supervised Living DD Adult
Coastal Horizons Center - Pender	Burgaw	Substance Abuse Intensive Outpatient Program
Highsmith Support Agency Inc.	Burgaw	Psychosocial Rehabilitation, Substance Abuse Intensive Outpatient Program
Lotus/Autism Support Programs Inc	Rocky Point	Supervised Living DD Adult
McMillian Home/The Arc of North Carolina	Burgaw	Supervised Living/Alternative Family Living
Port Human Services - Burgaw/PORT Human Services	Burgaw	Day Treatment, Supervised Living SA Minor
Rainbow Farms	Rocky Point	Supervised Living DD Adult
Sunrise	Rocky Point	Day Activity
William Luther Center	Hampstead	Supervised Living DD Adult

Source - NC Department of Health and Human Services, Division of Health Services Regulation (DHSR), Licensed Facilities, Mental Health Facilities (G.S. 122C) (by County); <http://www.ncdhhs.gov/dhsr/reports.htm>

Health Rankings

County Rankings (2014)

Location	County Rank (Out of 100) ¹							
	Health Outcomes			Health Factors				
	Mortality	Morbidity	Rank	Health Behaviors	Clinical Care	Social & Economic Factors	Physical Environment	Rank
Pender County	51	6	25	67	50	40	61	45
Franklin County	34	57	40	82	77	27	88	54
Nash County	75	38	61	74	26	80	21	62

Source: County Health Rankings and Roadmaps, 2014. University of Wisconsin Population Health Institute; <http://www.countyhealthrankings.org/app/north-carolina/2014/rankings/outcomes/overall>

¹ Rank of 1 equals "best".

America's Health Rankings (2013)

State Ranking

Location	National Rank (Out of 50) ¹						
	Overall	Determinants	Outcomes	Diabetes	Smoking	Obesity	Infant Mortality
Hawaii	1	2	2	7	3	3	24
Michigan	34	33	38	34	39	40	39
North Carolina	35	34	36	33	33	33	40
Texas	36	36	29	35	20	32	22
Mississippi	50	48	49	49	44	49	50

Source: United Health Foundation, 2013. America's Health Rankings; <http://www.americashealthrankings.org>

¹ Rank of 1 equals "best"

Health Ranking Details (2014)

Outcome or Determinate	Pender County	Franklin County	Nash County	NC County Average
Mortality	51	34	75	
Premature death	8,143	7,673	9,178	7,480
Morbidity	6	57	38	
Poor or fair health	15%	17%	20%	18%
Poor physical health days	3.0	4.4	2.9	3.6
Poor mental health days	2.7	4.4	3.1	3.4
Low birthweight	8.1%	8.9%	10.0%	9.1%
Health Factors	45	54	62	
Health Behaviors	67	82	74	
Adult smoking	28%	27%	22%	20%
Adult obesity	29%	33%	33%	29%
Food Environment Index	7.4	7.6	6.4	6.9
Physical inactivity	27%	29%	30%	25%
Access to exercise opportunities	48%	59%	54%	65%
Excessive drinking	18%	17%	16%	13%
Alcohol-impaired driving deaths	31%	41%	27%	33%
Sexually transmitted infections	307	298	660	568
Teen birth rate	41	44	51	44
Clinical Care	50	77	26	
Uninsured	20%	21%	18%	19%
Primary Care physicians	3141:1	5095:1	1657:1	1462:1
Dentists	3252:1	5261:1	2130:1	2075:1
Mental health providers	1783:1	2428:1	1256:1	715:1
Preventable hospital stays	59	65	66	60
Diabetic screening	88%	88%	91%	88%
Mammography screening	71%	67%	69%	68%
Social and Economic Factors	40	27	80	
High school graduation	82%	79%	75%	79%
Some college	59%	51%	54%	63%
Unemployment Children in poverty	10.8%	9.0%	12.0%	9.5%
Inadequate social support	27%	24%	29%	26%
Children in single-parent households	17%	26%	23%	21%
Violent crime rate	41%	26%	42%	36%
Injury deaths	318	146	577	372
	77	73	71	65
Physical Environment	61	88	21	
Air pollution-particulate matter days	11.9	12.1	12	12.3
Drinking water violations	17%	7%	2%	2
Severe housing problems	16%	17%	14%	16
Driving alone to work	79%	82%	84%	81%
Long commute - driving alone	42%	53%	24%	30%

Source: County Health Rankings and Roadmaps, 2014. University of Wisconsin Population Health Institute; <http://www.countyhealthrankings.org/app/north-carolina/2014/rankings/outcomes/overall>

¹ 90th percentile; i.e., only 10% are better

Note: Blank values ("n/a") reflect unreliable or missing data.

Pregnancy, Fertility and Abortion Rates (2005-2012)

Females Ages 15-44

Location		Females Ages 15-44																								
		2005			2006			2007			2008			2009			2010			2011			2012			
		Pregnancy Rate	Fertility Rate	Abortion Rate	Pregnancy Rate	Fertility Rate	Abortion Rate	Pregnancy Rate	Fertility Rate	Abortion Rate	Pregnancy Rate	Fertility Rate	Abortion Rate	Pregnancy Rate	Fertility Rate	Abortion Rate	Pregnancy Rate	Fertility Rate	Abortion Rate	Pregnancy Rate	Fertility Rate	Abortion Rate	Pregnancy Rate	Fertility Rate	Abortion Rate	
Pender County	Total	68.0	58.0	9.7	71.9	60.3	11.3	77.7	66.5	10.8	68.7	57.5	11.0	68.8	58.9	9.8	74.0	65.2	8.4	71.7	65.1	6.4	71.5	62.2	8.6	
	White	70.4	62.4	7.7	73.8	63.6	9.9	79.8	70.5	9.0	69.2	60.2	8.6	69.5	61.2	8.2										
	Minority	59.8	43.0	16.4	62.3	48.2	13.6	65.6	52.1	13.0	63.1	47.9	15.2	63.8	50.3	13.0										
	White, Non-Hispanic																72.5	64.7	7.6	67.4	62.8	4.4	66.7	58.7	7.4	
	African American, Non-Hispanic																62.1	49.0	11.8	74.5	59.6	14.3	58.8	48.5	9.7	
Other, Non-Hispanic																50.0	32.0	8.0	58.8	51.5	7.4	76.4	69.4	6.9		
Hispanic																118.1	112.5	5.6	107.2	100.5	6.7	140.8	126.8	12.7		
Franklin County	Total	74.5	61.8	12.2	79.9	64.9	14.3	72.6	60.3	12.0	77.5	66.1	11.1	64.0	52.9	10.6	74.7	61.1	13.3	69.6	58.5	10.8	71.6	60.3	10.8	
	White	72.6	64.6	7.9	76.1	66.5	8.9	72.9	65.3	7.4	78.2	70.5	7.6	60.9	53.9	7.2										
	Minority	76.1	55.3	19.6	85.6	61.2	23.5	70.5	48.6	21.3	73.9	56.8	16.5	68.3	51.0	16.0										
	White, Non-Hispanic																65.7	57.8	7.8	65.1	58.4	6.2	65.2	56.5	8.3	
	African American, Non-Hispanic																86.7	60.4	25.7	73.4	51.0	22.4	76.1	58.3	16.8	
Other, Non-Hispanic																62.5	62.5	0.0	54.5	48.5	6.1	54.9	48.8	6.1		
Hispanic																99.3	86.4	12.9	90.2	83.4	6.8	102.8	94.8	8.0		
Nash County	Total	79.6	64.3	14.6	82.8	65.2	16.7	85.8	68.4	16.6	81.1	67.1	13.3	81.5	65.9	14.3	81.8	64.7	16.8	76.2	60.7	14.9	77.0	62.4	14.3	
	White	75.2	67.9	6.9	75.7	67.0	8.2	76.6	67.4	8.5	77.1	69.5	7.1	72.4	65.7	6.0										
	Minority	82.8	59.3	22.2	90.9	62.9	26.8	95.8	69.6	25.1	84.4	64.1	19.6	90.1	66.2	22.1										
	White, Non-Hispanic																63.2	54.5	8.3	63.6	55.3	7.9	62.0	54.9	7.1	
	African American, Non-Hispanic																93.5	66.8	26.6	84.8	61.4	22.4	86.0	64.2	21.2	
Other, Non-Hispanic																97.6	79.3	18.3	58.2	49.9	8.3	65.0	51.5	13.6		
Hispanic																124.7	114.3	9.7	102.0	92.7	9.3	109.7	98.8	10.2		
State of NC	Total	82.2	66.8	15.0	84.8	68.5	15.8	84.7	69.1	15.1	83.9	69.1	14.4	78.9	65.1	13.4	76.4	62.7	13.2	73.3	61.5	11.4	72.1	61	10.7	
	White	77.2	67.8	9.0	79.1	69.3	9.5	79.3	69.8	9.1	78.6	69.9	8.4	74.0	66.0	7.7										
	Minority	89.9	64.1	25.0	93.2	66.7	25.8	92.4	67.5	24.2	91.2	67.1	23.3	85.4	62.8	21.9										
	White, Non-Hispanic																65.6	57.1	8.2	63.6	56.4	7.0	63.0	56.1	6.6	
	African American, Non-Hispanic																86.1	61.0	24.4	81.5	59.7	21.1	79.6	59.1	19.8	
Other, Non-Hispanic																84.5	71.3	12.8	80.6	69.4	10.9	79.7	69.7	9.5		
Hispanic																114.0	99.0	14.7	106.6	94.0	12.2	102.6	91.4	10.8		

Source: NC Center for Health Statistics, County-level Data, County Health Data Books (2007-2014). Pregnancy and Live Births. Pregnancy, Fertility, & Abortion Rates per 1,000 Population, by Race, by Age; <http://www.schs.state.nc.us/SCHS/data/databook/>

Pregnancy, Fertility and Abortion Rates (2005-2012)
Females Ages 15-19

Location	Females Ages 15-19																									
	2005			2006			2007			2008			2009			2010			2011			2012				
	Pregnancy Rate	Fertility Rate	Abortion Rate	Pregnancy Rate	Fertility Rate	Abortion Rate	Pregnancy Rate	Fertility Rate	Abortion Rate	Pregnancy Rate	Fertility Rate	Abortion Rate	Pregnancy Rate	Fertility Rate	Abortion Rate	Pregnancy Rate	Fertility Rate	Abortion Rate	Pregnancy Rate	Fertility Rate	Abortion Rate	Pregnancy Rate	Fertility Rate	Abortion Rate		
Pender County	Total	55.5	41.3	13.5	64.7	50	14.7	51.4	42.2	9.2	49.7	38.4	11.3	37.5	32.8	4.8	50.1	38.9	9.9	45.4	41.0	3.7	32.7	28.3	2.5	
	White	45.5	34.1	11.4	59.8	44.6	15.2	47.7	39.9	7.8	44.4	34.6	9.8	28.7	27.2	1.5										
	Minority	85.5	62.7	19.9	78.9	65.8	13.2	63.2	49.5	13.7	63.6	50.0	13.6	64.4	53.2	11.2										
	White, Non-Hispanic																38.0	26.5	10.6	32.7	29.1	3.6	30.2	26.6	1.8	
	African American, Non-Hispanic																66.9	55.2	8.7	75.4	66.7	5.8	24.3	21.3	3.0	
Franklin County	Total	58.4	44.2	13.7	77.4	56.3	20.5	59.7	47.8	11.9	57.1	43.0	14.0	48.9	38.8	9.7	48.1	31.7	15.9	32.2	24.8	7.4	36.5	28.3	7.7	
	White	49.7	40.3	9.4	60.0	42.8	16.4	52.5	44.6	8.0	43.1	32.5	10.6	38.7	34.3	4.4										
	Minority	70.8	51.2	18.1	105.4	80.5	24.9	73.2	53.8	19.4	80.8	61.9	18.8	63.5	47.6	14.4										
	White, Non-Hispanic																32.1	19.5	12.6	18.7	16.9	1.9	26.0	17.7	8.4	
Nash County	Total	65.7	50.6	14.4	70.9	55.9	15.1	77.0	58.2	18.2	61.0	47.4	13.0	23.8	51.6	11.3	61.8	46.0	14.8	56.4	43.6	12.5	47.1	32.8	13.7	
	White	38.3	32.3	6.0	54.7	45.5	9.2	52.2	42.1	10.1	40.2	33.3	7.0	50.8	45.1	5.1										
	Minority	99.0	73.9	23.6	91.5	69	22.5	106.9	78.6	26.9	85.4	64.0	20.1	75.9	58.2	16.6										
	White, Non-Hispanic																37.9	30.9	5.6	27.0	22.0	5.0	28.5	19.7	8.8	
State of NC	Total	61.7	47.0	14.3	63.1	48.3	14.5	63.0	48.4	14.3	58.6	45.7	12.5	56.0	43.4	12.2	49.7	38.3	11.0	43.8	34.8	8.7	39.6	31.8	7.6	
	White	50.9	40.9	9.8	52.9	42.8	9.8	52.3	42.3	9.8	47.8	39.6	8.0	45.4	37.9	7.4										
	Minority	82.3	60.6	21.0	82.1	60.0	21.3	82.5	61.5	20.3	77.7	58.3	18.7	74.3	55.0	18.8										
	White, Non-Hispanic																34.4	27.2	7.0	30.8	25.2	5.5	28.3	23.1	5.1	
African American, Non-Hispanic																	70.2	50.9	18.7	61.6	45.5	15.6	55	41.4	13.1	
	Other, Non-Hispanic																48.9	38.8	9.5	39.4	32.9	6.4	36.4	29.8	6.3	
	Hispanic																82.7	70.6	11.7	71.1	62.7	8.2	62	55.7	6.2	

Source: NC Center for Health Statistics, County-level Data, County Health Data Books (2007-2014). Pregnancy and Live Births. Pregnancy, Fertility, & Abortion Rates per 1,000 Population, by Race, by Age; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: Bold type indicates an unstable rate based on a small number (fewer than 10 cases)

- Total pregnancies = live births + induced abortions + fetal death at 20+ weeks gestation
- Pregnancy rate = number of pregnancies per 1,000 women of reproductive age
- Abortion rate = number of induced abortions per 1,000 women of reproductive age (15-44)
- Birth rate = number of live births per 1,000 population
- Fertility rate = number of live births per 1,000 women of reproductive age

Number of Adolescent and Teen Pregnancies (2004-2011)

Adolescent (Age 14 and Younger) Pregnancies Trend (Single Years, 2004-2012)

Location	Number of Pregnancies, Age 14 and Younger								
	2004	2005	2006	2007	2008	2009	2010	2011	2012
Pender County	1	1	4	1	1	3	0	1	0
Franklin County	6	2	1	1	6	1	2	2	0
Nash County	8	7	4	8	4	2	1	3	5
State of NC	472	468	405	404	376	324	282	255	214

Source: NC State Center for Health Statistics, North Carolina Health Data Query System. Pregnancy Data. North Carolina Reported Pregnancy Data. Year: 2004-2012. (Counties and age groups as indicated); <http://www.schs.state.nc.us/SCHS/data/preg/preg.cfm>

Teen (Ages 15-19) Pregnancies Trend (Single Years, 2004-2012)

Location	Number of Pregnancies, Ages 15-19								
	2004	2005	2006	2007	2008	2009	2010	2011	2012
Pender County	82	78	97	78	88	63	81	73	53
Franklin County	128	107	147	115	118	101	88	61	71
Nash County	187	196	221	246	211	225	200	185	151
State of NC	18,143	18,259	19,192	19,615	19,398	18,142	15,957	13,909	12,535

Source: NC State Center for Health Statistics, North Carolina Health Data Query System. Pregnancy Data. North Carolina Reported Pregnancy Data. Year: 2004-2012. (Counties and age groups as indicated); <http://www.schs.state.nc.us/SCHS/data/preg/preg.cfm>

Pregnancy Risk Factors

High Parity/Short Interval Births (Single Five-Year Aggregate Period, 2008-2012)

Location	High Parity Births				Short Interval Births	
	Mothers < 30		Mothers ≥ 30		No. ³	% ⁴
	No. ¹	% ²	No. ¹	% ²		
Pender County	285	14.9	205	19.6	270	13.8
Franklin County	443	19.4	284	24.7	332	13.8
Nash County	858	20.5	432	25.2	620	15.4
State of NC	66,159	16.6	47,781	21.5	52,829	12.9

Source: a a a a b b
 a - NC State Center for Health Statistics, County-level Data, County Health Data Book (2014), Pregnancy and Births, 2008-2012 Number At Risk NC Live Births due to High Parity by County of Residence; <http://www.schs.state.nc.us/SCHS/data/databook/>

b - NC State Center for Health Statistics, County-level Data, County Health Data Book (2014), Pregnancy and Births, 2008-2012 NC Live Births by County of Residence, Number with Interval from Last Delivery to Conception of Six Months or Less; <http://www.schs.state.nc.us/SCHS/data/databook/>

¹ Number at risk due high parity

² Percent of all births with age of mother in category indicated

³ Number with interval from last delivery to conception of six months or less

⁴ Percent of all births excluding 1st pregnancies

Smoking During Pregnancy Trend (Single Years, 2006-2012)

Location	Number and Percent of Births to Mothers Who Smoked Prenatally													
	2006		2007		2008		2009		2010		2011		2012	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Pender County	91	16.6	78	12.6	68	12.0	69	11.8	n/a	n/a	62	10.1	54	9.2
Franklin County	49	6.6	60	8.6	53	6.8	73	11.3	n/a	n/a	97	14.8	97	14.4
Nash County	153	12.6	146	11.5	126	9.9	167	13.2	n/a	n/a	150	13.7	153	13.8
State of NC	14,668	11.5	14,426	11.0	13,621	10.4	12,975	10.2	n/a	n/a	13,159	10.9	12,727	10.6

Source: NC State Center for Health Statistics, Vital Statistics, Volume 1 (2006, 2007-2008, 2009, 2010, 2011, and 2012): Population, Births, Deaths, Marriages, Divorces, (geography as noted), Mother Smoked; <http://www.schs.state.nc.us/schs/data/vitalstats.cfm>

Prenatal Care Trend (Single Years, 2006-2012)

Location	Number and Percent of Women Receiving Prenatal Care in the First Trimester													
	2006		2007		2008		2009		2010		2011		2012	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Pender County	432	78.8	486	78.4	420	74.1	384	80.7	n/a	n/a	410	66.8	389	65.9
Franklin County	615	82.6	587	84.0	683	87.5	561	86.8	n/a	n/a	405	61.8	400	59.5
Nash County	941	77.3	948	74.4	938	74.0	956	75.3	n/a	n/a	718	65.8	711	64.2
State of NC	104,528	81.9	105,849	80.9	107,183	82.0	105,626	83.3	n/a	n/a	85,706	71.2	85,380	71.3

Source: NC State Center for Health Statistics, Basic Automated Birth Yearbook (BABY Book), North Carolina Residents (2006, 2007-2008, 2009, 2010, 2011 and 2012) (geographies as noted): Table 7: County Resident Births by Month Prenatal Care Began, All Women; <http://www.schs.state.nc.us/schs/births/babybook/>

Low and Very Low Birth Weight

Low ($\leq 2,500$ Grams) Birth Weight Births Trend, by Race/Ethnicity (Five-Year Aggregate Periods, 2006-2010, 2007-2011 and 2008-2012)

Location	Percent of Low Birth Weight ($\leq 2,500$ Gram) Births														
	2006-2010					2007-2011					2008-2012				
	Total	White, Non-Hispanic	Black, Non-Hispanic	Other Non-Hispanic	Hispanic	Total	White, Non-Hispanic	Black, Non-Hispanic	Other Non-Hispanic	Hispanic	Total	White, Non-Hispanic	Black, Non-Hispanic	Other Non-Hispanic	Hispanic
Pender County	8.0	7.3	13.4	11.1	5.4	7.9	7.2	13.6	3.4	5.5	7.4	6.7	13.0	2.8	4.7
Franklin County	8.8	6.5	15.1	17.4	5.9	8.9	7.1	14.8	19.0	4.9	8.9	7.0	14.9	20.5	4.5
Nash County	10.1	7.5	14.7	8.7	4.0	10.0	7.1	14.4	8.2	4.6	9.8	7.5	13.9	6.3	3.7
State of NC	9.1	7.7	14.4	9.3	6.3	9.1	7.7	14.3	9.4	6.5	9.0	7.6	14.1	9.3	6.5

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2012, 2013, 2014), Pregnancy and Births, Low and Very Low Weight Births; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: Bold type indicates an unstable rate based on a small number (fewer than 20 cases)

Very Low ($\leq 1,500$ Grams) Birth Weight Births Trend, by Race/Ethnicity (Five-Year Aggregate Periods, 2006-2010, 2007-2011 and 2008-2012)

Location	Percent of Very Low Birth Weight ($\leq 1,500$ Gram) Births														
	2006-2010					2007-2011					2008-2012				
	Total	White, Non-Hispanic	Black, Non-Hispanic	Other Non-Hispanic	Hispanic	Total	White, Non-Hispanic	Black, Non-Hispanic	Other Non-Hispanic	Hispanic	Total	White, Non-Hispanic	Black, Non-Hispanic	Other Non-Hispanic	Hispanic
Pender County	1.6	1.1	4.1	3.7	0.9	1.5	1.1	4.0	0.0	0.7	1.2	0.8	3.8	0.0	0.5
Franklin County	1.6	0.7	3.7	2.2	1.2	1.6	0.9	3.5	2.5	1.1	1.7	1.1	3.3	4.5	0.9
Nash County	2.9	1.7	4.6	1.1	1.0	2.8	1.4	4.9	2.0	0.8	2.7	1.2	4.6	2.1	0.7
State of NC	1.8	1.3	3.4	1.5	1.2	1.8	1.3	3.3	1.5	1.2	1.8	1.3	3.3	1.4	1.2

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2012, 2013, 2014), Pregnancy and Births, Low and Very Low Weight Births; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: Bold type indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Cesarean Section Deliveries (Five-Year Aggregate Periods, 2002-2006 through 2008-2012)

Location	Percent of Resident Births Delivered by Cesarean Section						
	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Pender County	25.8	25.8	26.4	26.3	25.8	24.5	24.3
Franklin County	29.8	30.7	31.6	31.3	31.2	30.5	30.0
Nash County	25.2	25.0	25.9	25.8	25.5	24.4	24.8
State of NC	28.7	29.6	30.3	30.9	31.2	31.2	31.1

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2008-2014),
Pregnancy and Births, Births Delivered by Primary Caesarian Section;
<http://www.schs.state.nc.us/SCHS/data/databook/>

Infant Mortality (Five-Year Aggregate Periods, 2002-2006 through 2008-2012)

Location	Infant Deaths																
	2001-2005		2002-2006		2003-2007		2004-2008		2005-2009		2006-2010		2007-2011		2008-2012		
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	
Pender County	Total	20	8.3	17	6.9	18	6.9	15	5.5	16	5.7	19	6.5	21	7.0	18	6.1
	White	14	7.3	12	6.0	14	6.6	13	5.8	13	5.6						
	Minority	6	12.4	5	10.8	4	8.4	2	4.1	3	6.0						
	White, Non-Hispanic											10	5.0	10	4.8	6	2.9
	African American, Non-Hispanic											6	13.0	8	16.9	8	17.7
Other, Non-Hispanic											0	0.0	0	0.0	0	0.0	
Hispanic											3	7.0	3	7.0	4	9.9	
Franklin County	Total	23	6.8	23	6.6	23	6.6	25	6.9	28	7.8	24	6.7	23	6.6	29	8.4
	White	9	3.7	8	3.2	6	2.3	8	3.0	9	3.5						
	Minority	14	15.2	15	15.8	17	18.3	17	17.2	19	19.5						
	White, Non-Hispanic											7	3.3	9	4.3	14	6.9
	African American, Non-Hispanic											14	15.1	12	13.6	13	14.4
Other, Non-Hispanic											1	21.7	1	23.8	1	22.7	
Hispanic											2	4.1	1	2.1	1	2.1	
Nash County	Total	51	8.4	54	9.0	61	10.0	70	11.3	69	11.1	70	11.3	62	10.2	55	9.3
	White	15	4.1	19	5.2	19	5.2	22	6.0	23	6.4						
	Minority	36	15.2	35	14.8	42	17.2	48	18.8	46	17.3						
	White, Non-Hispanic											18	6.7	13	5.0	12	4.8
	African American, Non-Hispanic											48	18.2	46	17.5	39	15.1
Other, Non-Hispanic											1	10.9	1	10.2	1	10.4	
Hispanic											3	3.9	2	2.7	3	4.1	
State of NC	Total	5,056	8.5	5,084	8.4	5,234	8.4	5,333	8.4	5,289	8.3	5,066	7.9	4,899	7.8	4,675	7.5
	White	2,648	6.1	2,680	6.1	2,773	6.2	2,818	6.2	2,764	6.0						
	Minority	2,404	14.7	2,400	14.5	2,457	14.4	2,515	14.3	2,525	14.0						
	White, Non-Hispanic											2,074	5.9	2,001	5.7	1,918	5.6
	African American, Non-Hispanic											2,208	14.7	2,129	14.3	2,064	14.0
Other, Non-Hispanic											187	6.3	188	6.2	181	5.9	
Hispanic											597	5.8	581	5.8	512	5.3	

Source: NC Center for Health Statistics, County-level Data, County Health Data Books (2007-2014), Mortality, Infant Death Rates per 1,000 Live Births; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: Bold type indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Life Expectancy at Birth, by Gender and Race (1990-1992 and 2010-2012)

Location	Life Expectancy in Years									
	Person Born in 1990-1992					Person Born in 2010-2012				
	Overall	Male	Female	White	African-American	Overall	Male	Female	White	African-American
Pender County	75.2	71.5	78.9	77.5	69.8	78.1	75.3	81.2	78.8	74.9
Franklin County	73.3	68.4	78.0	75.2	69.5	78.1	75.1	81.8	78.3	77.3
Nash County	73.1	68.7	77.5	74.8	69.1	76.2	73.0	79.3	77.2	74.3
State of NC	74.9	71.0	78.7	76.4	69.8	78.0	75.3	80.5	78.6	75.3

Source: NC State Center for Health Statistics, County-level Data, Life Expectancy, State and County Estimates, Life Expectancy: North Carolina 1990-1992 and 2009-2011 State and County; <http://www.schs.state.nc.us/schs/data/lifexpectancy/>

Overall Age-Adjusted Mortality Rates¹ for the 15 Leading Causes of Death (Single Five-Year Aggregate Period, 2008-2012, Except as Noted)

Rank/Cause of Death	Pender County			Franklin County			Nash County			State of NC			United States (2011)	
	Number	Rate	Rank	Number	Rate	Rank	Number	Rate	Rank	Number	Rate	Rank	Rate	Rank
1. Cancer	576	180.7	1	592	182.8	1	1,051	189.5	2	89,505	175.9	1	168.6	2
2. Diseases of the Heart	435	147.3	2	501	165.6	2	1,020	193.1	1	85,890	174.4	2	173.7	1
3. Cerebrovascular Disease	124	42.3	3	116	39.9	4	273	51.5	3	21,821	45.1	4	37.9	5
4. Chronic Lower Respiratory Disease	125	41.4	4	157	50.8	3	262	49.3	4	22,884	46.6	3	42.7	3
5. All Other Unintentional Injuries	81	30.7	5	80	25.8	5	114	23.6	8	14,168	29.4	5	38.0	4
6. Diabetes Mellitus	83	26.8	6	74	23.1	7	139	24.8	7	10,984	21.8	7	21.5	7
7. Unintentional Motor Vehicle Injuries	63	23.4	7	55	18.4	8	92	19.2	10	6,875	14.3	10	10.9	11
8. Nephritis, Nephrotic Syndrome, and Nephrosis	61	20.5	8	55	18.0	9	143	26.9	7	8,795	18.0	8	13.4	9
9. Pneumonia and Influenza	45	15.5	9	68	24.0	6	147	28.5	5	8,710	18.0	8	15.7	5
10. Suicide	40	15.1	10	49	15.7	11	53	11.1	13	5,958	12.2	12	12.0	10
11. Septicemia	43	14.7	11	52	17.2	10	76	14.2	11	6,597	13.4	11	10.5	12
12. Alzheimer's Disease	37	13.9	12	41	15.1	12	99	19.8	9	13,746	29.3	6	24.6	6
13. Chronic Liver Disease and Cirrhosis	23	6.9	13	46	13.1	13	60	10.3	14	4,926	9.3	13	9.7	13
14. Homicide	8	2.8	14	13	4.5	14	53	11.8	12	2,846	6.0	14	5.2	14
15. Acquired Immune Deficiency Syndrome	7	2.3	15	8	2.4	15	23	4.8	15	1,560	3.1	15	2.4	15
Total Deaths All Causes (Some causes are not listed above)	2,278	770.7		2,395	785.1		4,713	894.1		394,087	800.6		740.6	

Source:

a - NC State Center for Health Statistics, County Health Data Book (2014), Mortality, 2008-2012 Race-Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

b - Calculated

c - National Center for Health Statistics, National Vital Statistics Reports, Volume 61, Number 6 (October 10, 2012), Deaths, Preliminary data for 2011; http://www.cdc.gov/nchs/data/nvsr/nvsr61/nvsr61_06.pdf

¹ Rate = Number of events per 100,000 population, where the Standard = Year 2000 US Population

² Denominator is not-sex-specific, but rather whole population

Sex-Specific Age-Adjusted Death Rates¹ for the 15 Leading Causes of Death (Five-Year Aggregate Data, 2008-2012)

Cause of Death	Pender County				Franklin County				Nash County				State of NC Rate	
	Males		Females		Males		Females		Males		Females		Males	Females
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate		
1. Cancer	340	236.3	236	139.7	348	247.3	244	136.8	569	248.3	482	153.0	221.4	145.0
2. Diseases of the Heart	237	181.2	198	118.5	274	215.2	227	128.2	531	256.8	486	150.1	222.3	138.1
3. Cerebrovascular Diseases	54	40.7	70	42.1	39	34.3	77	42.5	120	56.0	153	46.7	45.7	43.7
4. Chronic Lower Respiratory Disease	61	46.0	64	37.7	71	60.1	83	45.5	136	66.9	126	38.8	54.0	42.1
5. Unintentional Non-Motor Vehicle Injury	55	42.7	26	19.0	47	30.9	33	20.2	39	32.1	45	16.3	39.1	21.1
6. Diabetes Mellitus	53	37.1	30	18.7	36	27.5	38	20.6	85	35.3	54	16.4	25.9	18.6
7. Unintentional Motor Vehicle Injury	41	30.5	22	16.0	41	27.2	14	n/a	62	27.2	30	12.0	21.1	8.0
8. Nephritis, Nephrotic Syndrome and Nephrosis	27	19.8	34	20.3	25	19.9	30	16.6	69	33.6	74	22.6	22.0	15.4
9. Pneumonia and Influenza	21	16.2	24	14.7	23	23.0	45	25.7	58	31.3	89	27.0	20.7	16.4
10. Suicide	32	23.8	8	n/a	40	26.5	9	n/a	46	20.7	7	n/a	19.8	5.4
11. Septicemia	22	17.0	21	13.0	23	7.8	29	16.7	35	15.4	41	13.2	14.8	12.4
12. Alzheimer's Disease	7	n/a	30	18.3	9	n/a	32	18.0	34	12.1	65	19.4	23.3	32.4
13. Chronic Liver Disease and Cirrhosis	17	n/a	6	n/a	27	16.5	19	n/a	40	14.6	20	6.3	13.2	6.0
14. Homicide	5	n/a	3	n/a	8	n/a	5	n/a	44	19.8	9	n/a	9.3	2.8
15. Acquired Immune Deficiency Syndrome	5	n/a	2	n/a	5	n/a	3	n/a	12	n/a	11	n/a	4.4	2.0
Total Deaths All Causes (Some causes are not listed above)	1,227	913.5	1,051	642.8	1,234	941	1,161	656.4	2,364	1111.8	2,349	734.5	954.5	680.8

Source - NC State Center for Health Statistics, County Health Data Book (2014), Mortality, 2008-2012 Race-Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Race-Specific Age-Adjusted Death Rates¹ for the 15 Leading Causes of Death (Five-Year Aggregate Data, 2008-2012)

Cause of Death	Pender County										State of NC Rate				
	White, non-Hispanic		African-American, non-Hispanic		Other Races, non-Hispanic		Hispanic		Overall		White, non-Hispanic	Af-Amer, non-Hispanic	Other Races, non-Hispanic	Hispanic	Overall
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate					
1. Cancer	457	182.3	116	193.7	0	n/a	1	n/a	576	180.7	173.5	204.5	93.2	70.0	175.9
2. Diseases of the Heart	345	152.0	89	148.6	0	n/a	1	n/a	435	147.3	172.1	198.4	69.6	53.6	174.4
3. Cerebrovascular Diseases	87	37.9	35	60.3	0	n/a	0	n/a	124	42.3	42.5	59.3	31.8	17.6	45.1
4. Chronic Lower Respiratory Disease	107	45.7	17	n/a	1	n/a	0	n/a	125	41.4	51.3	28.7	9.8	9.4	46.6
5. Unintentional Non-Motor Vehicle Injury	63	31.3	12	n/a	0	n/a	0	n/a	81	30.7	33.8	19.8	9.3	12.0	29.4
6. Diabetes Mellitus	52	21.2	30	52.4	0	n/a	0	n/a	83	26.8	17.5	43.8	9.8	9.2	21.8
7. Unintentional Motor Vehicle Injury	44	21.5	17	n/a	0	n/a	0	n/a	63	23.4	14.5	14.3	5.2	11.9	14.3
8. Nephritis, Nephrotic Syndrome and Nephrosis	45	19.6	16	n/a	0	n/a	0	n/a	61	20.5	14.6	35.1	9.4	7.2	18.0
9. Pneumonia and Influenza	31	13.3	14	n/a	0	n/a	0	n/a	45	15.5	18.4	17.2	9.2	7.4	18.0
10. Suicide	34	17.0	2	n/a	0	n/a	0	n/a	40	15.1	15.4	4.8	6.3	4.1	12.2
11. Septicemia	24	10.7	19	n/a	0	n/a	0	n/a	43	14.7	12.3	19.7	4.5	6.1	13.4
12. Alzheimer's Disease	28	13.7	9	n/a	0	n/a	0	n/a	37	13.9	30.3	26.1	8.6	9.3	29.3
13. Chronic Liver Disease and Cirrhosis	18	n/a	4	n/a	0	n/a	0	n/a	23	6.9	10.2	7.2	4.1	4.7	9.3
14. Homicide	5	n/a	3	n/a	0	n/a	0	n/a	8	2.8	3.4	13.1	3.1	5.9	6.0
15. Acquired Immune Deficiency Syndrome	2	n/a	4	n/a	0	n/a	0	n/a	7	2.3	0.9	11.3	n/a	n/a	3.1
Total Deaths All Causes (Some causes are not listed above)	1,735	756.3	509	881.5	2	n/a	2	n/a	2,278	770.7	788.6	923.9	369.8	299.7	800.6

Source - NC State Center for Health Statistics, County Health Data Book (2014), Mortality, 2008-2012 Race-Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Race-Specific Age-Adjusted Death Rates¹ for the 15 Leading Causes of Death (Five-Year Aggregate Data, 2008-2012)

Cause of Death	Franklin County										State of NC Rate				
	White, non-Hispanic		African-American, non-Hispanic		Other Races, non-Hispanic		Hispanic		Overall		White, non-Hispanic	Af-Amer, non-Hispanic	Other Races, non-Hispanic	Hispanic	Overall
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate					
1. Cancer	421	186.2	165	187.1	0	n/a	0	n/a	592	182.8	173.5	204.5	93.2	70.0	175.9
2. Diseases of the Heart	358	171.6	140	165.0	0	n/a	0	n/a	501	165.6	172.1	198.4	69.6	53.6	174.4
3. Cerebrovascular Diseases	71	36.1	42	49.5	1	n/a	1	n/a	116	39.9	42.5	59.3	31.8	17.6	45.1
4. Chronic Lower Respiratory Disease	137	63.2	20	24.5	0	n/a	0	n/a	157	50.8	51.3	28.7	9.8	9.4	46.6
5. Unintentional Non-Motor Vehicle Injury	54	26.9	25	27.4	0	n/a	0	n/a	80	25.8	33.8	19.8	9.3	12.0	29.4
6. Diabetes Mellitus	38	16.8	36	42.4	0	n/a	0	n/a	74	23.1	17.5	43.8	9.8	9.2	21.8
7. Unintentional Motor Vehicle Injury	34	17.1	17	n/a	0	n/a	0	n/a	55	18.4	14.5	14.3	5.2	11.9	14.3
8. Nephritis, Nephrotic Syndrome and Nephrosis	25	12.1	28	31.5	0	n/a	0	n/a	55	18.0	14.6	35.1	9.4	7.2	18.0
9. Pneumonia and Influenza	53	28.0	15	n/a	0	n/a	0	n/a	68	24.0	18.4	17.2	9.2	7.4	18.0
10. Suicide	42	20.0	4	n/a	1	n/a	1	n/a	49	15.7	15.4	4.8	6.3	4.1	12.2
11. Septicemia	28	13.3	23	26.8	0	n/a	0	n/a	52	17.2	12.3	19.7	4.5	6.1	13.4
12. Alzheimer's Disease	26	13.8	15	n/a	0	n/a	0	n/a	41	15.1	30.3	26.1	8.6	9.3	29.3
13. Chronic Liver Disease and Cirrhosis	23	15.3	8	n/a	0	n/a	0	n/a	46	13.1	10.2	7.2	4.1	4.7	9.3
14. Homicide	5	n/a	5	n/a	0	n/a	0	n/a	13	4.5	3.4	13.1	3.1	5.9	6.0
15. Acquired Immune Deficiency Syndrome	1	n/a	7	n/a	0	n/a	0	n/a	8	2.4	0.9	11.3	n/a	n/a	3.1
Total Deaths All Causes (Some causes are not listed above)	1,667	797.2	691	810.6	3	n/a	3	n/a	2,395	785.1	788.6	923.9	369.8	299.7	800.6

Source - NC State Center for Health Statistics, County Health Data Book (2014), Mortality, 2008-2012 Race-Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Race-Specific Age-Adjusted Death Rates¹ for the 15 Leading Causes of Death (Five-Year Aggregate Data, 2008-2012)

Cause of Death	Nash County										State of NC Rate				
	White, non-Hispanic		African-American, non-Hispanic		Other Races, non-Hispanic		Hispanic		Overall		White, non-Hispanic	Af-Amer, non-Hispanic	Other Races, non-Hispanic	Hispanic	Overall
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate					
1. Cancer	706	189.1	341	199.6	1	n/a	1	n/a	1,051	189.5	173.5	204.5	93.2	70.0	175.9
2. Diseases of the Heart	687	187.4	322	208.6	3	n/a	3	n/a	1,020	193.1	172.1	198.4	69.6	53.6	174.4
3. Cerebrovascular Diseases	170	46.6	97	59.7	3	n/a	3	n/a	273	51.5	42.5	59.3	31.8	17.6	45.1
4. Chronic Lower Respiratory Disease	214	57.1	47	31.4	0	n/a	0	n/a	262	49.3	51.3	28.7	9.8	9.4	46.6
5. Unintentional Non-Motor Vehicle Injury	78	27.7	33	20.5	0	n/a	0	n/a	114	23.6	33.8	19.8	9.3	12.0	29.4
6. Diabetes Mellitus	68	17.8	71	42.3	0	n/a	0	n/a	139	24.8	17.5	43.8	9.8	9.2	21.8
7. Unintentional Motor Vehicle Injury	53	20.6	29	16.0	2	n/a	2	n/a	92	19.2	14.5	14.3	5.2	11.9	14.3
8. Nephritis, Nephrotic Syndrome and Nephrosis	68	18.5	75	48.4	0	n/a	0	n/a	143	26.9	14.6	35.1	9.4	7.2	18.0
9. Pneumonia and Influenza	101	27.8	44	30.2	1	n/a	1	n/a	147	28.5	18.4	17.2	9.2	7.4	18.0
10. Suicide	39	14.0	11	n/a	0	n/a	0	n/a	53	11.1	15.4	4.8	6.3	4.1	12.2
11. Septicemia	46	12.8	29	18.2	0	n/a	0	n/a	76	14.2	12.3	19.7	4.5	6.1	13.4
12. Alzheimer's Disease	78	21.5	20	15.3	0	n/a	0	n/a	99	19.8	30.3	26.1	8.6	9.3	29.3
13. Chronic Liver Disease and Cirrhosis	29	10.2	21	11.1	0	n/a	0	n/a	60	10.3	10.2	7.2	4.1	4.7	9.3
14. Homicide	17	n/a	29	15.8	1	n/a	1	n/a	53	11.8	3.4	13.1	3.1	5.9	6.0
15. Acquired Immune Deficiency Syndrome	3	n/a	19	n/a	0	n/a	0	n/a	23	4.8	0.9	11.3	n/a	n/a	3.1
Total Deaths All Causes (Some causes are not listed above)	3,092	863.4	1,559	975.3	15	n/a	15	n/a	4,713	894.1	788.6	923.9	369.8	299.7	800.6

Source - NC State Center for Health Statistics, County Health Data Book (2014), Mortality, 2008-2012 Race-Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Three Leading Causes of Death by Age Group, Number of Deaths and Unadjusted Death Rates (Single Five-Year Aggregate Period, 2008-2012)

Age Group	Rank	Cause of Death			
		Pender County	Franklin County	Nash County	State of NC
00-19	1	Congenital abnormalities (birth defects)	Conditions originating in the perinatal period	Conditions originating in the perinatal period	Conditions originating in the perinatal period
	2	Conditions originating in the perinatal period	Congenital abnormalities (birth defects)	Motor vehicle injuries	Congenital abnormalities (birth defects)
	3	Other Unintentional Injuries	Motor vehicle injuries	Homicide	Motor vehicle injuries
20-39	1	Other Unintentional Injuries	Motor vehicle injuries	Motor vehicle injuries	Other Unintentional Injuries
	2	Motor Vehicle Injuries	Suicide	Homicide	Motor vehicle injuries
	3	Suicide	Other Unintentional Injuries	Other Unintentional Injuries	Suicide
40-64	1	Cancer	Cancer - all sites	Cancer - all sites	Cancer - all sites
	2	Diseases of the heart			
	3	Diabetes mellitus	Other Unintentional Injuries	Cerebrovascular disease	Other Unintentional Injuries
65-84	1	Cancer	Cancer - all sites	Cancer - all sites	Cancer - all sites
	2	Diseases of the heart			
	3	Chronic lower respiratory diseases			
85+	1	Diseases of the heart			
	2	Cancer - all sites			
	3	Cerebrovascular disease	Cerebrovascular disease	Cerebrovascular disease	Cerebrovascular disease

Source: NC State Center for Health Statistics, County Health Data Book (2014), Mortality, Death Counts and Crude Death Rates per 100,000 for Leading Causes of Death, by Age Groups, NC, 2008-2012; <http://www.schs.state.nc.us/SCHS/data/databook/>

Total Cancer

Malignant Neoplasms Discharge Rate Trend (Single Years, 2006-2012)

Location	Rate (Discharges per 1,000 Population)						
	2006	2007	2008	2009	2010	2011	2012
Pender County	3.8	4.1	3.8	3.5	3.4	3.2	3.1
Franklin County	3.9	4.0	3.5	3.2	3.4	3.3	3.0
Nash County	4.3	4.3	4.1	3.9	4.1	3.9	3.7
State of NC	3.9	3.9	3.6	3.4	3.3	3.2	3.0

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2008-2014), Morbidity, Inpatient Hospital Utilization and Charges by Principal Diagnosis and County of Residence; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: Bold type indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Total Cancer Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-2012)

Location	Deaths, Number and Rate (Deaths per 100,000 Population)													
	White, Non-Hispanic		African American, Non-Hispanic		Other Races, Non-Hispanic		Hispanic		Male		Female		Overall	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Pender County	457	182.3	116	193.7	1	N/A	1	N/A	340	236.3	236	139.7	576	180.7
Franklin County	421	186.2	165	187.1	0	N/A	0	N/A	348	247.3	244	136.8	592	182.8
Nash County	706	189.1	341	199.6	1	N/A	1	N/A	569	248.3	482	153.0	1,051	189.5
State of NC	69,212	173.5	18,222	204.5	1,305	124.6	766	70.0	47,751	221.4	41,754	145.0	89,505	175.9

Source: NC State Center for Health Statistics, County Health Data Book (2014), Mortality, 2008-2012 Race/Ethnicity-Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Overall Total Cancer Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Pender County	199.3	203.1	194.9	194.8	190.5	183.4	176.5	180.7
Franklin County	224.1	220.1	226.0	227.1	211.9	198.4	197.3	182.8
Nash County	208.9	209.3	210.7	207.7	188.9	186.4	186.9	189.5
State of NC	197.7	196.4	194.9	192.5	185.6	183.1	179.7	175.9

Source: NC State Center for Health Statistics, County Health Data Books (2007-2014), Mortality, Race-Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of **bold type** or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Total Cancer

Gender and Racial Disparities in Total Cancer Mortality Rate (Single Five-Year Aggregate Period, 2008-2012)

Location	Rate (Deaths per 100,000 Population)							
	Males				Females			
	White, Non-Hispanic	Af Amer, Non-Hispanic	Other Races, Non-Hispanic	Hispanic	White, Non-Hispanic	Af Amer, Non-Hispanic	Other Races, Non-Hispanic	Hispanic
Pender County	269.0	231.9	n/a	n/a	144.1	146.3	n/a	n/a
Franklin County	245.6	274.5	n/a	n/a	143.9	127.5	n/a	n/a
Nash County	239.5	283.2	n/a	n/a	158.9	148.7	n/a	n/a
State of NC	215.2	281.0	153.3	82.2	144.4	160.0	105.1	60.3

Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2014), Mortality, 2008-2012 NC Resident Race/Ethnicity and Sex-Specific Age-Adjusted Death Rates, by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Gender Disparity Trend in Total Cancer Mortality Rate (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)															
	Males								Females							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Pender County	267.7	261.0	248.0	245.6	234.4	227.5	228.8	236.3	152.7	163.6	156.9	156.7	158.4	150.1	136.9	139.7
Franklin County	316.7	301.4	309.3	306.1	287.7	268.1	270.2	247.3	165.7	168.8	173.6	176.3	161.3	153.8	148.5	136.8
Nash County	284.1	281.8	279.9	278.6	242.7	241.5	246.1	248.3	161.1	163.1	167.0	160.6	153.8	152.3	148.6	153.0
State of NC	252.6	250.0	247.5	243.4	235.3	232.0	227.4	221.4	162.0	161.2	160.4	158.7	152.5	150.3	147.5	145.0

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2007-2014), Mortality, NC Resident Race-Specific and Sex-Specific Age-Adjusted Death Rates, by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of **bold type** or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Males	267.7	261.0	248.0	245.6	234.4	227.5	228.8	236.3
Females	152.7	163.6	156.9	156.7	158.4	150.1	136.9	139.7

Total Cancer

Mortality Rate for Total Cancer and the Five Major Site-Specific Cancers, Cases and Rate¹ (Single Five Year Aggregate Period, 2008-2012)

Location	From "Overall" Column		From "Female" Column		From "Male" Column		From "Overall" Column									
	Total Cancer		Female Breast Cancer		Male Breast Cancer		Overall Breast Cancer		Prostate Cancer		Lung Cancer		Colon Cancer		Pancreas Cancer	
	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate
Pender County	576	180.7	32	18.1	0	0.0	32	18.1	28	23.0	191	57.5	49	15.5	35	11.3
Franklin County	592	182.8	40	22.0	0	0.0	40	22.0	30	22.3	194	59.8	50	15.8	38	11.6
Nash County	1,051	189.5	81	26.4	0	0.0	81	26.4	45	24.2	324	56.8	108	19.4	56	10.5
State of NC	89,505	175.9	6,357	22.2	58	N/A	6,415	22.4	4,356	23.4	27,204	52.8	7,561	14.9	5,330	10.4

Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2014). 2008-2012 NC Resident Race/Ethnicity and Sex-Specific Age-Adjusted Death Rates (counties and cancer sites as indicated); <http://www.schs.state.nc.us/schs/data/databook/>

¹ Rate = Deaths per 100,000 Population, Age-Adjusted to the 2000 US Census

Incidence of Total Cancer and the Four Major Site-Specific Cancers, Cases and Rate¹ (Single Five Year Aggregate Period, 2007-2011)

Location	Total Cancer		Female Breast Cancer		Prostate Cancer		Lung Cancer		Colon Cancer	
	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate
Pender County	1,525	477.4	220	130.7	171	107.3	244	73.6	117	37.3
Franklin County	1,592	504.9	246	143.1	263	184.8	253	81.9	141	46.2
Nash County	2,594	461.8	483	158.8	334	125.6	401	69.1	264	47.2
State of NC	249,128	496.7	42,701	157.4	35,369	150.6	36,758	73.4	20,650	41.5

Source: NC State Center for Health Statistics, Health Data, Cancer, Cancer Data Available from SCHS, Annual Reports, 2007-2011 NC Cancer Incidence Rates for All Counties by Specified Site; <http://www.schs.state.us.nc/SCHS/CCR/reports.html>

¹ Rate = New cases per 100,000 Population, Age-Adjusted to the 2000 US Census

Total Cancer Incidence Rate Trend (Five-Year Aggregate Periods, 1996-2000 through 2007-2011)

Location	Rate (New cases per 100,000 Population)											
	1996-2000	1997-2001	1998-2002	1999-2003	2000-2004	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011
Pender County	404.8	426.5	420.3	445.6	450.8	466.5	436.3	461.1	463.1	442.0	478.8	477.4
Franklin County	327.8	366.6	373.9	297.4	439.3	494.8	438.3	488.6	515.6	466.8	512.6	504.9
Nash County	474.3	476.5	484.7	479.8	508.3	489.8	504.9	491.9	478.4	487.3	473.9	461.8
State of NC	437.2	445.3	440.5	444.0	469.8	475.9	477.0	487.0	495.2	500.1	498.1	496.7

Source: NC State Center for Health Statistics, Health Data, Cancer, Cancer Data Available from SCHS, Annual Reports, NC Cancer Incidence Rates for All Counties by Specified Site (Years as Noted); <http://www.schs.state.us.nc/SCHS/CCR/reports.html>

Lung Cancer

Trachea, Bronchus, Lung Neoplasms Discharge Rate Trend (Single Years, 2006-2012)

Location	Rate (Discharges per 1,000 Population)						
	2006	2007	2008	2009	2010	2011	2012
Pender County	0.4	0.6	0.7	0.5	0.7	0.3	0.5
Franklin County	0.6	0.4	0.6	0.7	0.7	0.5	0.5
Nash County	0.5	0.4	0.5	0.7	0.7	0.6	0.5
State of NC	0.6	0.6	0.5	0.5	0.5	0.4	0.4

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2008-2014), Morbidity, Inpatient Hospital Utilization and Charges by Principal Diagnosis and County of Residence; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: Bold type indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Lung Cancer Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-2012)

Location	Deaths, Number and Rate (Deaths per 100,000 Population)													
	White, Non-Hispanic		African American, Non-Hispanic		Other Races, Non-Hispanic		Hispanic		Male		Female		Overall	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Pender County	154	58.4	36	59.2	1	n/a	1	n/a	108	68.5	83	48.0	191	57.5
Franklin County	148	65.6	42	46.1	0	n/a	0	n/a	128	90.4	66	37.6	194	59.8
Nash County	223	57.5	101	58.1	0	n/a	0	n/a	202	82.3	122	38.6	324	56.8
State of NC	21,971	54.2	4,718	52.2	397	37.0	118	12.9	15,924	71.6	11,280	39.1	27,204	52.8

Source: NC State Center for Health Statistics, County Health Data Book (2014), Mortality, 2008-2012 Race/Ethnicity Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Lung Cancer Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Pender County	61.2	59.2	59.8	62.0	60.7	56.5	54.5	57.5
Franklin County	68.6	64.7	63.4	67.6	66.2	61.2	62.0	59.8
Nash County	57.7	58.0	56.7	56.9	51.6	54.4	53.3	56.8
State of NC	59.9	59.8	59.6	59.1	57.0	55.9	54.5	52.8

Source: NC State Center for Health Statistics, County Health Data Books (2007-2014), Mortality, Race-Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of **bold type** or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Gender and Racial Disparities in Lung Cancer Mortality Rate (Single Five-Year Aggregate Period, 2008-2012)

Location	Rate (Deaths per 100,000 Population)							
	Males				Females			
	White, Non-Hispanic	Af Amer, Non-Hispanic	Other Races, Non-Hispanic	Hispanic	White, Non-Hispanic	Af Amer, Non-Hispanic	Other Races, Non-Hispanic	Hispanic
Pender County	65.1	87.0	n/a	n/a	51.9	n/a	n/a	n/a
Franklin County	92.7	89.3	n/a	n/a	46.7	n/a	n/a	n/a
Nash County	78.2	95.7	n/a	n/a	43.0	32.3	n/a	n/a
State of NC	71.1	82.8	51.1	17.0	41.6	32.5	26.7	9.5

Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2014), Mortality, 2008-2012 NC Resident Race/Ethnicity and Sex-Specific Age-Adjusted Death Rates, by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Gender Disparity Trend in Lung Cancer Mortality Rate (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)															
	Males								Females							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Pender County	93.4	81.6	78.3	81.5	72.4	64.8	64.8	68.5	35.5	39.9	43.5	45.2	51.3	49.1	45.4	48
Franklin County	99.8	90.0	92.8	98.5	104.0	97.2	97.5	90.4	46.8	45.9	42.2	44.8	38.6	36.3	37.0	37.6
Nash County	87.5	90.0	91.3	92.7	81.4	84.1	80.6	82.3	36.7	36.1	33.8	32.0	30.3	33.5	33.6	38.6
State of NC	85.6	84.3	83.3	81.9	78.6	76.7	74.4	71.6	41.7	42.3	42.7	42.7	41.5	40.8	40.0	39.1

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2007-2014), Mortality, NC Resident Race-Specific and Sex-Specific Age-Adjusted Death Rates, by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of **bold type** or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Males	93.4	81.6	78.3	81.5	72.4	64.8	64.8	68.5
Females	35.5	39.9	43.5	45.2	51.3	49.1	45.4	48.0

Lung Cancer Incidence Rate Trend (Five-Year Aggregate Periods, 1996-2000 through 2007-2011)

Location	Rate (New cases per 100,000 Population)											
	1996-2000	1997-2001	1998-2002	1999-2003	2000-2004	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011
Pender County	69.6	73.0	72.7	73.8	72.9	76.8	69.8	73.3	71.6	67.2	73.7	73.6
Franklin County	61.1	59.5	56.0	50.2	68.9	77.6	70.3	80.6	86.2	77.9	84.7	81.9
Nash County	78.3	76.6	71.7	72.3	73.7	68.7	71.6	68.9	66.5	68.8	68.9	69.1
State of NC	69.3	69.7	68.0	69.3	69.7	73.8	75.0	75.8	76.3	75.9	74.8	73.4

Source: NC State Center for Health Statistics, Health Data, Cancer, Cancer Data Available from SCHS, Annual Reports, NC Cancer Incidence Rates for All Counties by Specified Site (Years as Noted); <http://www.schs.state.us.nc/SCHS/CCR/reports.html>

Prostate Cancer

Prostate Neoplasm Discharge Rate Trend (Single Years, 2006-2012)

Location	Rate (Discharges per 1,000 Population)						
	2006	2007	2008	2009	2010	2011	2012
Pender County	0.2	0.1	0.2	0.2	0.2	0.2	0.3
Franklin County	0.3	0.4	0.5	0.3	0.2	0.3	0.2
Nash County	0.3	0.3	0.3	0.3	0.3	0.3	0.2
State of NC	0.3	0.4	0.3	0.3	0.3	0.3	0.2

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2008-2014), Morbidity, Inpatient Hospital Utilization and Charges by Principal Diagnosis and County of Residence; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: Bold type indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Prostate Cancer Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-2012)

Location	Deaths, Number and Rate (Deaths per 100,000 Male Population)									
	White, Non-Hispanic		African American, Non-Hispanic		Other Races, Non-Hispanic		Hispanic		Overall	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Pender County	20	20.8	8	n/a	0	n/a	0	n/a	28	23
Franklin County	11	n/a	19	n/a	0	n/a	0	n/a	30	22.3
Nash County	29	21.8	16	n/a	0	n/a	0	n/a	45	24.2
State of NC	2,887	19.0	1,378	51.6	54	18.9	37	13.0	4,356	23.4

Source: NC State Center for Health Statistics, County Health Data Book (2014), Mortality, 2008-2012 Race/Ethnicity-Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Prostate Cancer Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Overall Rate (Deaths per 100,000 Male Population)							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Pender County	46.2	47.8	40.7	30.9	11.6	24.5	25.8	23.0
Franklin County	34.9	39.4	40.1	40.0	12.0	35.4	27.6	22.3
Nash County	36.7	33.3	31.0	25.5	6.8	22.3	19.6	24.2
State of NC	29.9	29.1	28.3	27.3	25.7	25.5	24.3	23.4

Source: NC State Center for Health Statistics, County Health Data Books (2007-2014), Mortality, Race-Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of **bold type** or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Racial Disparities in Prostate Cancer Mortality Rate (Single Five-Year Aggregate Period, 2008-2012)

Location	Rate (Deaths per 100,000 Male Population)			
	White, Non-Hispanic	Af Amer, Non-Hispanic	Other Races, Non-Hispanic	Hispanic
Pender County	20.8	n/a	n/a	n/a
Franklin County	n/a	n/a	n/a	n/a
Nash County	21.8	n/a	n/a	n/a
State of NC	19.0	51.6	18.9	13.0

Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2014), Mortality, 2008-2012 NC Resident Race/Ethnicity and Sex-Specific Age-Adjusted Death Rates, by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Prostate Cancer Incidence Rate Trend (Five-Year Aggregate Periods, 1996-2000 through 2007-2011)

Location	Rate (New cases per 100,000 Population)											
	1996-2000	1997-2001	1998-2002	1999-2003	2000-2004	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011
Pender County	116.9	131.3	127.6	142.8	136.5	138.6	111.0	114.5	108.9	108.9	97.5	107.3
Franklin County	87.1	112.8	116.5	152.8	130.7	150.2	117.3	141.7	166.8	166.5	180.9	184.8
Nash County	141.4	145.0	152.4	140.0	149.1	146.2	150.6	142.1	142.0	141.1	138.5	125.6
State of NC	147.3	152.5	151.2	152.0	154.7	156.1	153.2	153.8	158.8	158.3	153.7	150.6

Source: NC State Center for Health Statistics, Health Data, Cancer, Cancer Data Available from SCHS, Annual Reports, NC Cancer Incidence Rates for All Counties by Specified Site (Years as Noted); <http://www.schs.state.us.nc/SCHS/CCR/reports.html>

Breast Cancer

Breast Neoplasm Discharge Rate Trend (Single Years, 2006-2012)

Location	Rate (Discharges per 1,000 Population)						
	2006	2007	2008	2009	2010	2011	2012
Pender County	0.3	0.2	0.2	0.2	0.2	0.1	0.0
Franklin County	0.3	0.1	0.1	0.2	0.1	0.1	0.1
Nash County	0.1	0.1	0.2	0.1	0.1	0.1	0.2
State of NC	0.2	0.2	0.2	0.2	0.2	0.1	0.1

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2008-2014), Morbidity, Inpatient Hospital Utilization and Charges by Principal Diagnosis and County of Residence; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: Bold type indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Breast Cancer Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-2012)

Location	Deaths, Number and Rate (Deaths per 100,000 Female Population)													
	White, Non-Hispanic		African American, Non-Hispanic		Other Races, Non-Hispanic		Hispanic		Male		Female		Overall	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Pender County	23	16.5	9	n/a	0	n/a	0	n/a	0	n/a	32	18.1	32	18.1
Franklin County	29	23.1	11	n/a	0	n/a	0	n/a	0	n/a	40	22.0	40	22.0
Nash County	44	22.4	37	3434.0	0	n/a	0	n/a	0	n/a	45	24.2	45	24.2
State of NC	4,677	21.3	1,595	29.0	80	11.9	63	9.1	58	N/A	6,357	22.2	6,415	22.4

Source: NC State Center for Health Statistics, County Health Data Book (2014), Mortality, 2008-2012 Race/Ethnicity Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Breast Cancer Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Female Population)							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Pender County	23.9	28.4	23.8	23.9	13.6	23.9	18.9	18.1
Franklin County	23.9	19.0	22.1	22.3	13.7	23.8	22.8	22.0
Nash County	28.4	28.5	28.8	28.5	15.5	26.6	25.5	26.4
State of NC	25.7	25.5	25.2	24.8	23.5	23.2	22.8	22.2

Source: NC State Center for Health Statistics, County Health Data Books (2007-2014), Mortality, Race-Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of **bold type** or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Racial Disparities in Breast Cancer Mortality Rate (Single Five-Year Aggregate Period, 2008-2012)

Location	Rate (Deaths per 100,000 Female Population)			
	White, Non-Hispanic	Af Amer, Non-Hispanic	Other Races, Non-Hispanic	Hispanic
Pender County	16.5	n/a	n/a	n/a
Franklin County	23.1	n/a	n/a	n/a
Nash County	22.4	34.4	n/a	n/a
State of NC	21.1	28.8	11.8	9.1

Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2014), Mortality, 2008-2012 NC Resident Race/Ethnicity and Sex-Specific Age-Adjusted Death Rates, by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Breast Cancer Incidence Rate Trend (Five-Year Aggregate Periods, 1996-2000 through 2007-2011)

Location	Rate (New cases per 100,000 Population)											
	1996-2000	1997-2001	1998-2002	1999-2003	2000-2004	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011
Pender County	122.5	134.0	145.9	160.0	135.4	148.2	136.5	135.3	130.2	127.6	143.7	130.7
Franklin County	108.7	129.0	137.2	98.3	142.2	166.4	145.6	155.1	165.1	145.7	152.8	143.1
Nash County	160.1	162.0	160.0	163.1	166.8	159.4	167.3	159.0	150.5	153.1	157.2	158.8
State of NC	145.9	148.2	147.1	147.3	144.9	148.2	147.2	149.6	151.9	154.5	155.9	157.4

Source: NC State Center for Health Statistics, Health Data, Cancer, Cancer Data Available from SCHS, Annual Reports, NC Cancer Incidence Rates for All Counties by Specified Site (Years as Noted); <http://www.schs.state.us.nc/SCHS/CCR/reports.html>

Colon Cancer

Colon, Rectum, Anus Cancer Discharge Rate Trend (Single Years, 2006-2012)

Location	Rate (Discharges per 1,000 Population)						
	2006	2007	2008	2009	2010	2011	2012
Pender County	0.3	0.5	0.5	0.4	0.3	0.5	0.4
Franklin County	0.3	0.5	0.5	0.4	0.5	0.4	0.2
Nash County	0.6	0.6	0.5	0.6	0.6	0.5	0.6
State of NC	0.5	0.5	0.4	0.4	0.4	0.4	0.4

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2008-2014), Morbidity, Inpatient Hospital Utilization and Charges by Principal Diagnosis and County of Residence; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: Bold type indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Colon, Rectum, Anus Cancer Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-2012)

Location	Deaths, Number and Rate (Deaths per 100,000 Population)													
	White, Non-Hispanic		African American, Non-Hispanic		Other Races, Non-Hispanic		Hispanic		Male		Female		Overall	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Pender County	41	16.7	8	n/a	0	n/a	0	n/a	31	20.7	18	n/a	49	15.5
Franklin County	37	17.0	13	n/a	0	n/a	0	n/a	27	30.3	23	12.6	50	15.8
Nash County	72	19.3	36	22.0	0	n/a	0	n/a	69	30.9	39	12.1	108	19.4
State of NC	5,533	14.0	1,865	21.2	102	9.7	61	6.1	3,928	18.1	3,633	12.6	7,561	14.9

Source: NC State Center for Health Statistics, County Health Data Book (2014), Mortality, 2008-2012 Race/Ethnicity Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Colon, Rectum, Anus Cancer Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Pender County	16.4	15.7	15.1	13.4	12.2	12.5	14.4	15.5
Franklin County	21.3	22.6	21.9	22.1	17.2	15.3	16.3	15.8
Nash County	21.6	21.6	22.0	21.0	19.1	18.7	21.3	19.4
State of NC	18.6	18.2	17.8	17.3	16.5	16.0	15.5	14.9

Source: NC State Center for Health Statistics, County Health Data Books (2007-2014), Mortality, Race-Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of **bold type** or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

**Colon Cancer
Gender and Racial Disparities in Colon, Rectum, Anus Cancer Mortality Rate (Single Five-Year Aggregate Period, 2008-2012)**

Location	Rate (Deaths per 100,000 Population)							
	Males				Females			
	White, Non-Hispanic	Af Amer, Non-Hispanic	Other Races, Non-Hispanic	Hispanic	White, Non-Hispanic	Af Amer, Non-Hispanic	Other Races, Non-Hispanic	Hispanic
Pender County	22.2	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Franklin County	24.2	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Nash County	25.9	48.0	n/a	n/a	15.5	n/a	n/a	n/a
State of NC	16.9	27.1	10.7	8.0	11.7	17.4	8.8	4.5

Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2014), Mortality, 2008-2012 NC Resident Race/Ethnicity and Sex-Specific Age-Adjusted Death Rates, by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Gender Disparity Trend in Colon, Rectum, Anus Cancer Mortality Rate (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)															
	Males								Females							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Pender County	19.4	20.1	20.4	17.1	16.8	18.0	19.1	20.7	15.1	13.0	11.8	10.7	n/a	n/a	n/a	n/a
Franklin County	25.5	26.7	26.5	24.6	20.4	n/a	20.2	20.3	17.8	19.5	18.7	20.7	15.5	15.2	14.0	12.6
Nash County	30.2	29.3	28.1	28.2	26.4	27.3	33.5	30.9	16.4	16.7	17.6	15.6	13.7	12.8	13.5	12.0
State of NC	22.3	21.9	21.6	20.7	19.9	19.6	19.0	18.1	16.0	15.5	15.0	14.7	13.9	13.4	12.9	12.6

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2007-2014), Mortality, NC Resident Race-Specific and Sex-Specific Age-Adjusted Death Rates, by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of **bold type** or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Colon, Rectum, Anus Cancer Incidence Rate Trend (Five-Year Aggregate Periods, 1996-2000 through 2007-2011)

Location	Rate (New cases per 100,000 Population)											
	1996-2000	1997-2001	1998-2002	1999-2003	2000-2004	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011
Pender County	40.1	42.4	40.3	41.3	46.9	41.5	34.7	39.9	39.0	33.7	36.4	37.3
Franklin County	36.3	35.4	43.1	33.6	50.0	60.8	54.1	53.6	52.0	44.3	47.9	46.2
Nash County	57.2	56.9	56.1	51.7	66.2	57.7	58.1	58.5	55.8	53.2	50.0	47.2
State of NC	48.4	48.4	48.3	48.2	52.5	48.6	48.4	47.4	46.8	45.5	43.4	41.5

Source: NC State Center for Health Statistics, Health Data, Cancer, Cancer Data Available from SCHS, Annual Reports, NC Cancer Incidence Rates for All Counties by Specified Site (Years as Noted); <http://www.schs.state.us.nc/SCHS/CCR/reports.html>

Pancreas Cancer

Pancreas Neoplasms Discharge Rate Trend (Single Years, 2006-2012) Not available

Pancreas Cancer Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-2012)

Location	Deaths, Number and Rate (Deaths per 100,000 Population)													
	White, Non-Hispanic		African American, Non-Hispanic		Other Races, Non-Hispanic		Hispanic		Male		Female		Overall	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Pender County	31	12.6	4	n/a	0	n/a	0	n/a	17	n/a	18	n/a	35	11.3
Franklin County	26	11.4	12	n/a	0	n/a	0	n/a	20	14.9	18	n/a	38	11.6
Nash County	36	10.0	18	n/a	1	n/a	1	n/a	32	14.5	24	7.7	56	10.5
State of NC	4,051	10.1	1,161	13.3	76	7.9	42	4.3	2,657	11.9	2,673	9.2	5,330	10.4

Source: NC State Center for Health Statistics, County Health Data Book (2014), Mortality, 2008-2012 Race/Ethnicity Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Pancreas Cancer Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Pender County	7.9	8.4	8.8	9.8	10.3	9.9	10.4	11.3
Franklin County	9.2	10.1	12.1	14.9	15.0	14.9	14.3	11.6
Nash County	10.0	10.9	12.5	13.0	10.6	10.9	10.8	10.5
State of NC	10.9	11.0	11.2	11.1	10.8	10.7	10.5	10.4

Source: NC State Center for Health Statistics, County Health Data Books (2007-2014), Mortality, Race-Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of **bold type** or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Gender and Racial Disparities in Pancreas Cancer Mortality Rate (Single Five-Year Aggregate Period, 2008-2012)

Location	Rate (Deaths per 100,000 Population)							
	Males				Females			
	White, Non-Hispanic	Af Amer, Non-Hispanic	Other Races, Non-Hispanic	Hispanic	White, Non-Hispanic	Af Amer, Non-Hispanic	Other Races, Non-Hispanic	Hispanic
Pender County	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Franklin County	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Nash County	14.1	n/a	n/a	n/a	n/a	n/a	n/a	n/a
State of NC	11.6	15.4	8.1	3.7	8.8	11.7	7.6	4.6

Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2014), Mortality, 2008-2012 NC Resident Race/Ethnicity and Sex-Specific Age-Adjusted Death Rates, by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Pancreas Cancer

Gender Disparity Trend in Pancreas Cancer Mortality Rate (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)															
	Males								Females							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Pender County	19.4	6.2	7.3	8.6	n/a	n/a	n/a	n/a	8.8	9.8	9.6	10.1	n/a	n/a	n/a	n/a
Franklin County	12.7	9.7	12.7	18.1	n/a	n/a	17.6	14.9	6.2	10.0	11.2	12.8	14.2	14.1	12.3	n/a
Nash County	14.2	14.2	16.6	17.5	13.2	14.2	15	14.5	6.5	8.2	9.7	10	8.8	8.8	7.9	7.7
State of NC	12.8	13.0	12.9	12.6	12.1	12.0	11.8	11.9	9.3	9.4	9.7	9.9	9.7	9.6	9.4	9.2

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2007-2014), Mortality, NC Resident Race-Specific and Sex-Specific Age-Adjusted Death Rates, by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of **bold type** or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Pancreas Cancer Incidence Rate Trend (Five-Year Aggregate Periods, 1996-2000 through 2007-2011)

Not available (except for state figure)

Location	Rate (New cases per 100,000 Population)											
	1996-2000	1997-2001	1998-2002	1999-2003	2000-2004	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011
Pender County												
Franklin County												
Nash County												
State of NC	48.4	48.4	48.3	48.2	52.5	48.6	48.4	47.4	46.8			

Source: NC State Center for Health Statistics, Health Data, Cancer, Cancer Data Available from SCHS, Annual Reports, NC Cancer Incidence Rates for All Counties by Specified Site (Years as Noted); <http://www.schs.state.us.nc/SCHS/CCR/reports.html>

Heart Disease

Heart Disease Discharge Rate Trend (Single Years, 2006-2012)

Location	Rate (Discharges per 1,000 Population)						
	2006	2007	2008	2009	2010	2011	2012
Pender County	13.0	12.1	11.9	11.9	11.9	10.6	12.7
Franklin County	11.7	11.4	10.8	10.3	10.6	9.1	9.6
Nash County	18.3	18.2	20.1	20.1	17.6	16.0	16.9
State of NC	12.7	12.2	11.8	11.4	11.3	10.9	10.7

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2008-2014), Morbidity, Inpatient Hospital Utilization and Charges by Principal Diagnosis and County of Residence; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: Bold type indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Heart Disease Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-2012)

Location	Deaths, Number and Rate (Deaths per 100,000 Population)													
	White, Non-Hispanic		African American, Non-Hispanic		Other Races, Non-Hispanic		Hispanic		Male		Female		Overall	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Pender County	345	152.0	89	148.6	1	n/a	1	n/a	237	181.2	198	118.5	435	147.3
Franklin County	358	171.6	140	165.0	0	n/a	0	n/a	274	215.2	227	128.2	501	165.6
Nash County	687	187.4	322	208.6	3	n/a	3	n/a	531	256.8	489	150.1	1,020	193.1
State of NC	67,453	172.1	16,843	198.4	1,103	122.8	491	53.6	44,701	222.3	41,189	138.1	85,890	174.4

Source: NC State Center for Health Statistics, County Health Data Book (2014), Mortality, 2008-2012 Race/Ethnicity Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Overall Heart Disease Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Pender County	222.2	211.8	200.9	185.2	170.3	160.3	146.6	147.3
Franklin County	236.2	220.2	216.2	196.3	191.6	185.3	174.1	165.6
Nash County	246.8	225.2	217.2	210.8	188.1	187.0	187.5	193.1
State of NC	226.8	217.9	210.7	202.2	191.7	184.9	179.3	174.4

Source: NC State Center for Health Statistics, County Health Data Books (2007-2014), Mortality, Race-Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of **bold type** or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

**Heart Disease
Gender and Racial Disparities in Heart Disease Mortality Rate (Single Five-Year Aggregate Period, 2008-2012)**

Location	Rate (Deaths per 100,000 Population)							
	Males				Females			
	White, Non-Hispanic	Af Amer, Non-Hispanic	Other Races, Non-Hispanic	Hispanic	White, Non-Hispanic	Af Amer, Non-Hispanic	Other Races, Non-Hispanic	Hispanic
Pender County	190.8	174.6	N/A	N/A	119.6	124.8	N/A	N/A
Franklin County	235.2	189.5	N/A	N/A	126.3	141.5	N/A	N/A
Nash County	256.9	255.5	N/A	N/A	140.5	174.9	N/A	N/A
State of NC	219.4	259.9	139.4	65.5	135.2	157.1	108.4	43.4

Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2014), Mortality, 2008-2012 NC Resident Race/Ethnicity and Sex-Specific Age-Adjusted Death Rates, by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Gender Disparity Trend in Heart Disease Mortality Rate (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)															
	Males								Females							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Pender County	256.0	249.5	233.1	225.1	211.2	196.7	184.8	181.2	189.7	178.1	171.1	151.2	135.1	128.7	114.3	118.5
Franklin County	321.1	289.2	273.2	245.9	234.1	241.1	234.7	215.2	173.5	169.4	171.7	159.6	161.3	146.4	131.5	128.2
Nash County	301.0	272.9	266.6	265.7	244.1	252.1	249.1	256.8	207.1	189.8	180.4	169.1	147.8	141.6	143.9	150.1
State of NC	285.5	275.3	267.0	256.6	244.9	237.2	229.4	222.3	183.0	174.9	168.7	161.2	151.9	145.8	141.6	138.1

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2007-2014), Mortality, NC Resident Race-Specific and Sex-Specific Age-Adjusted Death Rates, by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of **bold type** or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Males	256.0	249.5	233.1	225.1	211.2	196.7	184.8	181.2
Females	189.7	178.1	171.1	151.2	135.1	128.7	114.3	118.5

Cerebrovascular Disease

Cerebrovascular Disease Discharge Rate Trend (Single Years, 2006-2012)

Location	Rate (Discharges per 1,000 Population)						
	2006	2007	2008	2009	2010	2011	2012
Pender County	3.0	3.3	3.2	3.6	2.9	3.5	3.7
Franklin County	3.6	3.0	3.5	3.1	3.0	3.0	2.6
Nash County	4.7	4.3	4.2	4.4	3.7	4.0	4.4
State of NC	3.1	3.1	3.0	3.1	3.1	3.0	3.0

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2008-2014), Morbidity, Inpatient Hospital Utilization and Charges by Principal Diagnosis and County of Residence; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: Bold type indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Cerebrovascular Disease Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-2012)

Location	Deaths, Number and Rate (Deaths per 100,000 Population)													
	White, Non-Hispanic		African American, Non-Hispanic		Other Races, Non-Hispanic		Hispanic		Male		Female		Overall	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Pender County	87	37.9	35	60.3	0	n/a	0	n/a	54	40.7	70	42.1	124	42.3
Franklin County	71	36.1	42	49.5	1	n/a	1	n/a	39	34.3	77	42.5	116	39.9
Nash County	170	46.6	97	59.7	3	n/a	3	n/a	120	56.0	153	46.7	273	51.5
State of NC	16,519	42.5	4,871	59.3	274	32.6	157	17.6	8,792	45.7	13,029	43.7	21,821	45.1

Source: NC State Center for Health Statistics, County Health Data Book (2014), Mortality, 2008-2012 Race/Ethnicity Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Cerebrovascular Disease Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Pender County	69.2	63.1	54.9	46.3	42.9	40.1	40.2	42.3
Franklin County	62.2	55.0	47.4	45.3	44.6	43.8	42.1	39.9
Nash County	84.3	79.1	72.6	65.0	52.4	47.9	48.4	51.5
State of NC	64.7	61.1	57.6	54.4	50.5	47.8	46.0	45.1

Source: NC State Center for Health Statistics, County Health Data Books (2007-2014), Mortality, Race-Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of **bold type** or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

**Cerebrovascular Disease
Gender and Racial Disparities in Cerebrovascular Disease Mortality Rate (Single Five-Year Aggregate Period, 2008-2012)**

Location	Rate (Deaths per 100,000 Population)							
	Males				Females			
	White, Non-Hispanic	Af Amer, Non-Hispanic	Other Races, Non-Hispanic	Hispanic	White, Non-Hispanic	Af Amer, Non-Hispanic	Other Races, Non-Hispanic	Hispanic
Pender County	34.0	n/a	n/a	n/a	39.6	n/a	n/a	n/a
Franklin County	27.2	n/a	n/a	n/a	41.5	46.0	n/a	n/a
Nash County	50.4	67.2	n/a	n/a	41.8	53.7	n/a	n/a
State of NC	42.5	63.8	38.8	14.5	41.6	55.1	28.0	19.0

Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2014), Mortality, 2008-2012 NC Resident Race/Ethnicity and Sex-Specific Age-Adjusted Death Rates, by County;
<http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Gender Disparity Trend in Cerebrovascular Disease Mortality Rate (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)															
	Males								Females							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Pender County	71.4	66.1	58.4	49.6	39.1	39.9	40.9	40.7	65.3	58.9	51.5	43.1	44.8	39.7	38.8	42.1
Franklin County	55.3	47.7	47.9	44.8	47.4	41.5	36.8	34.3	65.3	56.5	44.8	43.2	41.9	44.1	44.2	42.5
Nash County	82.7	78.4	72.0	69.1	50.7	45.1	46.7	56.0	81.9	77.6	70.8	60.9	52.2	47.8	47.4	46.7
State of NC	65.8	62.1	58.9	55.9	52.0	48.7	46.8	45.7	63.0	59.5	55.7	52.4	48.6	46.3	44.5	43.7

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2007-2014), Mortality, NC Resident Race-Specific and Sex-Specific Age-Adjusted Death Rates, by County;
<http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of **bold type** or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Males	71.4	66.1	58.4	49.6	39.1	39.9	40.9	40.7
Females	65.3	58.9	51.5	43.1	44.8	39.7	38.8	42.1

Chronic Lower Respiratory Disease (CLRD)/Chronic Obstructive Pulmonary Disease (COPD)

CLRD/COPD Discharge Rate Trend (Single Years, 2006-2012)

Location	Rate (Discharges per 1,000 Population)						
	2006	2007	2008	2009	2010	2011	2012
Pender County	3.5	2.6	2.6	2.4	2.3	2.5	2.3
Franklin County	3.1	3.3	4.4	4.3	4.0	3.4	2.2
Nash County	3.5	3.3	4.3	3.7	3.5	3.9	2.6
State of NC	3.2	3.1	3.4	3.4	3.2	3.2	2.1

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2008-2014), Morbidity, Inpatient Hospital Utilization and Charges by Principal Diagnosis and County of Residence; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: Bold type indicates a likely unstable rate based on a small (fewer than 20) number of cases.

CLRD/COPD Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-2012)

Location	Deaths, Number and Rate (Deaths per 100,000 Population)													
	White, Non-Hispanic		African American, Non-Hispanic		Other Races, Non-Hispanic		Hispanic		Male		Female		Overall	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Pender County	107	45.7	17	n/a	0	n/a	0	n/a	61	46.0	64	37.7	125	41.4
Franklin County	137	63.2	20	24.5	0	n/a	0	n/a	74	60.1	83	45.5	157	50.8
Nash County	214	57.1	47	31.4	0	n/a	0	n/a	136	66.9	126	38.8	262	49.3
State of NC	20,275	51.3	2,364	28.7	181	21.6	64	9.4	10,662	54.0	12,222	42.1	22,884	46.6

Source: NC State Center for Health Statistics, County Health Data Book (2014), Mortality, 2008-2012 Race/Ethnicity Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

CLRD/COPD Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Pender County	41.2	39.5	46.2	42.6	40.5	42.5	42.1	41.4
Franklin County	44.0	41.7	44.4	44.5	46.0	48.0	52.5	50.8
Nash County	57.4	58.9	54.0	50.8	45.4	44.3	44.0	49.3
State of NC	46.9	47.1	47.5	47.8	47.0	46.4	46.6	46.6

Source: NC State Center for Health Statistics, County Health Data Books (2007-2014), Mortality, Race-Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of **bold type** or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

**Chronic Lower Respiratory Disease (CLRD)/Chronic Obstructive Pulmonary Disease (COPD)
Gender and Racial Disparities in CLRD/COPD Mortality Rate (Single Five-Year Aggregate Period, 2008-2012)**

Location	Rate (Deaths per 100,000 Population)							
	Males				Females			
	White, Non-Hispanic	Af Amer, Non-Hispanic	Other Races, Non-Hispanic	Hispanic	White, Non-Hispanic	Af Amer, Non-Hispanic	Other Races, Non-Hispanic	Hispanic
Pender County	49.5	n/a	n/a	n/a	42.4	n/a	n/a	n/a
Franklin County	73.6	n/a	n/a	n/a	57.8	n/a	n/a	n/a
Nash County	70.9	58.9	n/a	n/a	48.9	n/a	n/a	n/a
State of NC	57.2	42.7	29.5	10.0	47.9	21.2	16.3	9.1

Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2014), Mortality, 2008-2012 NC Resident Race/Ethnicity and Sex-Specific Age-Adjusted Death Rates, by County;
<http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Gender Disparity Trend in CLRD/COPD Mortality Rate (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)															
	Males								Females							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Pender County	50.1	46.7	56.7	53.4	50.2	50.8	48.0	46.0	35.7	35.2	40.0	35.7	33.9	36.6	37.5	37.7
Franklin County	55.2	53.2	57.8	55.7	57.0	58.1	58.7	60.1	37.7	34.7	35.5	37.2	38.2	40.6	47.8	45.5
Nash County	74.6	72.8	70.4	64.7	60.9	59.2	58.0	66.9	47.0	51.3	44.6	42.6	35.7	35.7	35.2	38.8
State of NC	61.0	60.1	59.5	58.9	57.1	55.5	54.9	54.0	38.6	39.5	40.4	41.3	41.0	41.1	41.7	42.1

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2007-2014), Mortality, NC Resident Race-Specific and Sex-Specific Age-Adjusted Death Rates, by County;
<http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of **bold type** or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Males	50.1	46.7	56.7	53.4	50.2	50.8	48.0	46.0
Females	35.7	35.2	40.0	35.7	33.9	36.6	37.5	37.7

All Other Unintentional Injury (Non-Motor Vehicle Injury)

Injuries and Poisoning Discharge Rate Trend (Single Years, 2006-2012)

Location	Rate (Discharges per 1,000 Population)						
	2006	2007	2008	2009	2010	2011	2012
Pender County	8.0	7.7	7.8	7.9	8.0	9.3	9.3
Franklin County	8.4	9.6	9.1	7.8	8.1	7.3	8.1
Nash County	9.3	8.7	10.5	9.3	9.0	9.9	9.9
State of NC	8.6	8.6	8.5	8.3	8.2	8.2	8.1

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2008-2014), Morbidity, Inpatient Hospital Utilization and Charges by Principal Diagnosis and County of Residence; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: Bold type indicates a likely unstable rate based on a small (fewer than 20) number of cases.

All Other Unintentional Injury Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-2012)

Location	Deaths, Number and Rate (Deaths per 100,000 Population)													
	White, Non-Hispanic		African American, Non-Hispanic		Other Races, Non-Hispanic		Hispanic		Male		Female		Overall	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Pender County	63	31.3	12	n/a	0	n/a	0	n/a	55	42.7	26	19.0	81	30.7
Franklin County	54	26.9	25	27.4	0	n/a	0	n/a	47	30.9	33	20.2	80	25.8
Nash County	78	27.7	33	20.5	0	n/a	0	n/a	69	32.1	45	16.3	114	23.6
State of NC	11,761	33.8	1,862	19.8	256	19.1	289	12.0	8,385	39.1	5,783	21.1	14,168	29.4

Source: NC State Center for Health Statistics, County Health Data Book (2014), Mortality, 2008-2012 Race/Ethnicity Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

All Other Unintentional Injury Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Pender County	19.0	20.8	22.3	25.1	26.2	31.2	31.5	30.7
Franklin County	21.0	23.5	24.6	26.9	27.1	27.3	25.9	25.8
Nash County	21.6	26.0	27.4	27.0	22.6	24.1	23.4	23.6
State of NC	26.0	27.0	27.8	28.4	28.6	28.6	29.2	29.4

Source: NC State Center for Health Statistics, County Health Data Books (2007-2014), Mortality, Race-Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of **bold type** or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

All Other Unintentional Injury (Non-Motor Vehicle Injury)
Gender and Racial Disparities in All Other Unintentional Injury Mortality Rate (Single Five-Year Aggregate Period, 2008-2012)

Location	Rate (Deaths per 100,000 Population)							
	Males				Females			
	White, Non-Hispanic	Af Amer, Non-Hispanic	Other Races, Non-Hispanic	Hispanic	White, Non-Hispanic	Af Amer, Non-Hispanic	Other Races, Non-Hispanic	Hispanic
Pender County	44.6	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Franklin County	27.4	n/a	n/a	n/a	24.6	n/a	n/a	n/a
Nash County	34.1	36.3	n/a	n/a	21.4	n/a	n/a	n/a
State of NC	44.2	29.4	28.7	16.2	24.6	12.8	12.1	7.1

Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2014), Mortality, 2008-2012 NC Resident Race/Ethnicity and Sex-Specific Age-Adjusted Death Rates, by County;
<http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Gender Disparity Trend in All Other Unintentional Injury Mortality Rate (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)															
	Males								Females							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Pender County	22.5	26.9	34.0	35.1	35.8	46.8	46.2	42.7	14.5	13.7	11.1	14.9	16.6	16.9	17.8	19.0
Franklin County	31.3	33.3	34.2	33.8	34.4	34.1	31.2	30.9	11.2	13.1	14.4	18.8	19.5	20.1	20.3	20.2
Nash County	28.1	35.0	36.5	35.1	28.6	32.0	31.8	32.1	15.6	18.1	19.0	19.4	16.7	16.3	15.5	16.3
State of NC	34.7	36.1	36.8	37.8	38.4	38.4	38.8	39.1	18.3	19.0	19.8	20.2	20.1	20.2	20.9	21.1

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2007-2014), Mortality, NC Resident Race-Specific and Sex-Specific Age-Adjusted Death Rates, by County;
<http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of **bold type** or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Males	22.5	26.9	34.0	35.1	35.8	46.8	46.2	42.7
Females	14.5	13.7	11.1	14.9	16.6	16.9	17.8	19.0

Diabetes Mellitus

Diabetes Discharge Rate Trend (Single Years, 2006-2012)

Location	Rate (Discharges per 1,000 Population)						
	2006	2007	2008	2009	2010	2011	2012
Pender County	2.3	1.8	1.3	1.5	1.5	2.0	1.4
Franklin County	2.0	1.6	2.3	1.6	1.6	2.5	2.1
Nash County	2.4	2.4	2.1	2.1	2.6	2.6	2.8
State of NC	1.8	1.9	1.8	1.8	1.9	2.0	1.9

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2008-2014), Morbidity, Inpatient Hospital Utilization and Charges by Principal Diagnosis and County of Residence; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: Bold type indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Diabetes Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-2012)

Location	Deaths, Number and Rate (Deaths per 100,000 Population)													
	White, Non-Hispanic		African American, Non-Hispanic		Other Races, Non-Hispanic		Hispanic		Male		Female		Overall	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Pender County	52	21.2	30	52.4	0	n/a	0	n/a	53	37.1	30	18.7	83	26.8
Franklin County	38	16.8	36	42.4	0	n/a	0	n/a	36	27.5	38	20.6	74	23.1
Nash County	68	17.8	71	42.3	0	n/a	0	n/a	85	35.3	54	16.4	139	24.8
State of NC	6,911	17.5	3,752	43.8	229	24.3	92	9.2	5,571	25.9	5,413	18.6	10,984	21.8

Source: NC State Center for Health Statistics, County Health Data Book (2014), Mortality, 2008-2012 Race/Ethnicity Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Diabetes Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Pender County	27.5	30.1	33.3	30.8	29.7	32.1	28.3	26.8
Franklin County	27.3	27.4	28.3	25.3	26.0	26.3	22.9	23.1
Nash County	31.4	34.1	33.8	30.4	26.4	24.5	24.2	24.8
State of NC	27.6	27.1	26.4	25.2	23.6	22.5	22.0	21.8

Source: NC State Center for Health Statistics, County Health Data Books (2007-2014), Mortality, Race-Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of **bold type** or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Diabetes Mellitus
Gender and Racial Disparities in Diabetes Mortality Rate (Single Five-Year Aggregate Period, 2008-2012)

Location	Rate (Deaths per 100,000 Population)							
	Males				Females			
	White, Non-Hispanic	Af Amer, Non-Hispanic	Other Races, Non-Hispanic	Hispanic	White, Non-Hispanic	Af Amer, Non-Hispanic	Other Races, Non-Hispanic	Hispanic
Pender County	29.6	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Franklin County	n/a	n/a	n/a	n/a	15.1	n/a	n/a	n/a
Nash County	26.3	61.8	n/a	n/a	10.6	29.6	n/a	n/a
State of NC	21.7	50.1	29.3	10.4	14.2	39.2	21.2	8.6

Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2014), Mortality, 2008-2012 NC Resident Race/Ethnicity and Sex-Specific Age-Adjusted Death Rates, by County;
<http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Gender Disparity Trend in Diabetes Mortality Rate (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)															
	Males								Females							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Pender County	20.3	25.1	28.7	29.3	34.0	37.5	36.8	37.1	30.5	32.2	34.8	30.2	24.8	26.9	20.7	18.7
Franklin County	28.5	29.8	30.4	27.0	31.3	31.2	27.0	27.5	25.3	25.7	27.1	24.9	23.1	23.9	20.2	20.6
Nash County	34.3	38.6	38.2	35.5	31.5	34.8	34.0	35.3	28.9	30.6	30.9	26.6	22.7	16.6	16.3	16.4
State of NC	30.4	30.2	30.0	28.9	27.3	26.4	26.0	25.9	25.3	24.5	23.5	22.2	20.7	19.4	18.8	18.6

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2007-2014), Mortality, NC Resident Race-Specific and Sex-Specific Age-Adjusted Death Rates, by County;
<http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of **bold type** or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Males	20.3	25.1	28.7	29.3	34.0	37.5	36.8	37.1
Females	30.5	32.2	34.8	30.2	24.8	26.9	20.7	18.7

Unintentional Motor Vehicle Injury

Unintentional Motor Vehicle Injury Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-2012)

Location	Deaths, Number and Rate (Deaths per 100,000 Population)													
	White, Non-Hispanic		African American, Non-Hispanic		Other Races, Non-Hispanic		Hispanic		Male		Female		Overall	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Pender County	44	21.5	17	n/a	0	n/a	0	n/a	41	30.5	22	16.0	63	23.4
Franklin County	34	17.1	17	n/a	0	n/a	0	n/a	41	27.2	14	n/a	55	18.4
Nash County	53	20.6	29	16.0	2	n/a	2	n/a	62	27.2	30	12.0	92	19.2
State of NC	4,697	14.5	1,476	14.3	211	12.3	491	11.9	4,882	21.1	1,993	8.0	6,875	14.3

Source: NC State Center for Health Statistics, County Health Data Book (2014), Mortality, 2008-2012 Race/Ethnicity Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Unintentional Motor Vehicle Injury Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Pender County	26.8	24.6	25.8	29.2	28.2	26.3	25.8	23.4
Franklin County	30.2	30.5	31.1	27.2	25.1	23.9	21.7	18.4
Nash County	25.5	25.2	23.9	23.2	20.5	20.5	19.2	19.2
State of NC	19.3	19.1	19.1	18.6	17.6	16.7	15.5	14.3

Source: NC State Center for Health Statistics, County Health Data Books (2007-2014), Mortality, Race-Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of **bold type** or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Unintentional Motor Vehicle Injury

Gender and Racial Disparities in Unintentional Motor Vehicle Injury Mortality Rate (Single Five-Year Aggregate Period, 2008-2012)

Location	Rate (Deaths per 100,000 Population)							
	Males				Females			
	White, Non-Hispanic	Af Amer, Non-Hispanic	Other Races, Non-Hispanic	Hispanic	White, Non-Hispanic	Af Amer, Non-Hispanic	Other Races, Non-Hispanic	Hispanic
Pender County	28.3	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Franklin County	23.6	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Nash County	25.0	26.6	n/a	n/a	16.9	n/a	n/a	n/a
State of NC	20.8	23.2	17.4	17.1	8.5	7.0	7.6	5.4

Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2014), Mortality, 2008-2012 NC Resident Race/Ethnicity and Sex-Specific Age-Adjusted Death Rates, by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Gender Disparity Trend in Unintentional Motor Vehicle Injury Mortality Rate (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)															
	Males								Females							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Pender County	34.6	32.1	36.4	41.3	39.9	35.5	34.7	42.7	18.8	16.2	14.1	16.1	15.7	16.5	16.6	19.0
Franklin County	47.3	49.6	50.1	44.0	41.0	36.2	30.6	27.2	14.7	13.0	13.3	11.5	n/a	n/a	n/a	n/a
Nash County	34.1	33.4	32.6	32.5	29.7	30.2	28.4	27.2	17.1	16.8	15.2	14.4	12.3	11.7	11.1	12.0
State of NC	27.4	27.2	27.3	26.7	25.6	24.6	22.9	21.1	11.8	11.6	11.4	10.8	10.1	9.3	8.6	8.0

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2007-2014), Mortality, NC Resident Race-Specific and Sex-Specific Age-Adjusted Death Rates, by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of **bold type** or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Males	34.6	32.1	36.4	41.3	39.9	35.5	34.7	42.7
Females	18.8	16.2	14.1	16.1	15.7	16.5	16.6	19.0

Motor Vehicle Injury Mortality, Numbers and Rates, by Age (Five-Year Aggregate Period, 2008-2012)

Location	Number of Deaths and Unadjusted Death Rates per 100,000 Population							
	All Ages		0-19		20-39		40-64	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Pender County	63	24.0	5	7.6	21	34.7	30	31.4
Franklin County	55	18.2	9	11.0	19	26.1	22	20.3
Nash County	92	19.3	11	8.7	32	28.3	36	21.1
State of NC	6,875	14.4	916	7.2	2,472	19.3	2,375	15.0

Source: NC State Center for Health Statistics, 2014 County Health Databook, Death Counts and Crude Death Rates per 100,000 Population for Leading Causes of Death, by Age Groups, NC 2008-2012; <http://www.schs.state.nc.us/SCHS/data/databook/>

Alcohol-Related Traffic Crashes Trend (Single Years, 2006-2012)

Location	2006			2007			2008			2009			2010			2011			2012		
	# Reportable Crashes	# Alcohol-Related Crashes	% Alcohol-Related Crashes	# Reportable Crashes	# Alcohol-Related Crashes	% Alcohol-Related Crashes	# Reportable Crashes	# Alcohol-Related Crashes	% Alcohol-Related Crashes	# Reportable Crashes	# Alcohol-Related Crashes	% Alcohol-Related Crashes	# Reportable Crashes	# Alcohol-Related Crashes	% Alcohol-Related Crashes	# Reportable Crashes	# Alcohol-Related Crashes	% Alcohol-Related Crashes	# Reportable Crashes	# Alcohol-Related Crashes	% Alcohol-Related Crashes
Pender County	1,332	72	5.4	1,283	72	5.6	1,184	76	7.1	1,218	68	6.2	1,321	68	5.1	1,342	77	5.7	1,349	79	5.9
Franklin County	1,162	74	6.4	1,280	107	8.4	1,147	73	6.4	1,069	67	6.3	1,081	68	6.3	996	55	5.5	1,054	79	7.5
Nash County	2,563	123	4.8	2,664	163	6.1	2,575	156	6.1	2,528	160	6.3	2,425	141	5.8	2,195	129	5.9	2,254	129	5.7
State of NC	220,307	11,336	5.1	224,307	11,778	5.3	214,358	11,982	5.6	209,695	11,384	5.4	213,573	10,696	5.0	208,509	10,708	5.1	213,641	11,274	5.3

Source: UNC Chapel Hill, Highway Safety Research Center. North Carolina Alcohol Facts (2006-2012); <http://www.hsrrc.unc.edu/ncaaf/crashes.cfm>

Note: statistical information for North Carolina Alcohol Facts was obtained from the NC Administrative Office of the Courts (AOC) and the NC Division of Motor Vehicles (DMV) for the years 2006 through 2012 (single years).

Note: Percentages appearing in **bold** type are based on fewer than 10 alcohol-related crashes per year. Such figures are likely unstable and should be interpreted with caution.

Outcomes of Alcohol-Related Traffic Crashes (2012)

Location	Total Crashes			Property Damage Only Crashes			Non-Fatal Crashes			Fatal Crashes		
	# Reportable Crashes	# Alcohol-Related Crashes	% Alcohol-Related Crashes	# Reportable Crashes	# Alcohol-Related Crashes	% Alcohol-Related Crashes	# Reportable Crashes	# Alcohol-Related Crashes	% Alcohol-Related Crashes	# Reportable Crashes	# Alcohol-Related Crashes	% Alcohol-Related Crashes
Pender County	1,349	79	5.9	967	34	3.5	374	43	11.5	8	2	25.0
Franklin County	1,054	79	7.5	716	39	5.4	333	39	11.7	5	1	20.0
Nash County	2,254	129	5.7	1,465	46	3.1	768	77	10.0	21	6	28.6
State of NC	213,641	11,274	5.3	142,342	5,162	3.6	70,109	5,710	33.8	1,190	402	33.8
Source	1	1	1	1	1	2	1	1	1	1	1	1

Note: statistical information for North Carolina Alcohol Facts was obtained from the NC Administrative Office of the Courts (AOC) and the NC Division of Motor Vehicles (DMV) for the year 2012.

Note: Percentages appearing in **bold** type are based on fewer than 10 alcohol-related crashes per year. Such figures are likely unstable and should be interpreted with caution.

Note: Regional arithmetic mean percentages appearing in *italic* type include unstable county percentages. Such mean figures likely are unstable and should be interpreted with caution.

1 - Source: UNC Chapel Hill, Highway Safety Research Center. North Carolina Alcohol Facts, 2012; <http://www.hsrc.unc.edu/ncaf/crashes.cfm>

2 - Calculated (% alcohol related crashes is calculated by dividing # alcohol-related crashes by # reportable crashes)

Pedestrian/Automobile Crashes

By Location

Location	Crash Year																Total	
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012		
Intersection	0	0	1	1	0	0	2	2	1	0	0	0	0	0	0	0	7	
Intersection-Related	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2
Non-Intersection	7	7	6	8	8	9	5	7	4	3	4	6	3	2	4	8	91	
Non-Roadway	1	0	0	2	0	0	1	1	0	4	1	1	2	3	3	2	21	
Unknown	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	2	
Total	8	7	7	11	8	8	8	10	5	8	5	7	5	7	7	12	123	

Source: NC Department of Transportation, Division of Bicycle and Pedestrian Transportation, Research and Reports, Crash Data Tool, Pedestrian Crash Data; http://www.pedbikeinfo.org/pbcat/_pedquery.cfm

By Driver Age

Driver Age	Crash Year																Total
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	
0-19	2	0	2	0	0	3	0	1	0	1	0	1	0	1	1	0	12
20-24	2	0	1	1	0	0	1	1	0	2	1	0	0	1	0	0	10
25-29	0	0	0	2	3	0	0	0	0	0	1	0	1	0	1	1	9
30-39	4	0	1	2	0	0	1	1	3	1	0	0	1	0	0	2	16
40-49	0	1	2	2	1	1	2	0	1	2	1	0	1	0	0	3	17
50-59	0	1	0	0	0	1	1	4	1	1	2	0	0	3	1	0	15
60-69	0	2	0	2	0	0	2	0	0	0	0	1	1	0	0	3	11
70+	0	1	1	1	1	1	0	1	0	0	0	0	1	0	2	1	10
Unknown	0	2	0	1	3	3	1	2	0	1	0	5	0	1	2	2	23
Total	8	7	7	11	8	9	8	10	5	8	5	7	5	6	7	12	123

Pedestrian/Automobile Crashes

By Crash Type

Crash Type	Crash Year																Total
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	
Backing Vehicle	1	0	0	1	0	0	1	0	0	2	0	1	0	0	1	1	8
Bus-Related	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Crossing Roadway - Vehicle Not Turning	2	1	2	0	1	1	1	1	1	1	1	0	0	1	0	1	15
Crossing Roadway - Vehicle Turning	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	2
Dash / Dart-Out	2	0	0	2	0	0	2	2	0	0	1	0	0	0	0	0	9
Off Roadway	0	0	0	1	0	0	0	0	0	0	1	1	2	2	2	1	10
Other / Unknown - Insufficient Details	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	1	4
Pedestrian in Roadway - Circumstances Unknown	1	3	2	2	2	0	0	1	1	0	0	0	1	1	1	3	18
Unique Midblock	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Unusual Circumstances	2	1	0	3	1	1	0	4	0	4	2	2	1	1	1	1	24
Walking Along Roadway	0	1	1	2	2	4	3	2	2	1	1	3	0	2	1	2	27
Working or Playing in Roadway	0	0	2	0	1	0	1	0	0	0	0	0	0	0	0	0	4
Total	8	7	7	11	8	9	8	10	5	8	5	7	5	6	7	12	123

Pedestrian/Automobile Crashes
By Month

Month of Crash	Crash Year																Total
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	
July	2	0	0	3	0	1	0	1	0	0	2	0	0	0	0	2	11
August	2	1	0	0	0	0	1	0	2	0	0	0	1	0	0	2	9
September	0	0	0	1	0	2	0	0	0	1	0	0	0	0	1	2	7
October	2	1	2	0	1	0	1	0	1	0	1	0	1	1	0	1	12
November	0	4	1	2	1	0	0	1	0	1	0	0	0	2	0	1	13
December	1	0	0	1	2	1	1	4	1	3	0	2	1	0	1	0	18
Total	8	7	7	11	8	9	8	10	5	8	5	7	5	6	7	12	123

By Crash Severity

Fault	Crash Year																Total
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	
Killed	2	2	1	1	1	1	2	0	2	0	0	1	2	0	0	2	17
Disabling Injury	1	2	3	2	1	3	0	3	1	1	1	1	1	1	0	0	21
Evident Injury	5	1	1	3	4	2	3	5	2	5	3	2	1	3	5	3	48
Possible Injury	0	2	2	3	2	3	3	2	0	2	1	3	1	2	2	2	30
No Injury	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	4	5
Unknown Injury	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	2
Total	8	7	7	11	8	9	8	10	5	8	5	7	5	6	7	12	123

Bicycle/Automobile Crashes

By Month

Month	Crash Year																Total
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	
January	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
February	1	0	0	0	0	1	0	0	0	0	0	1	0	0	1	0	4
March	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
April	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	2
May	0	0	1	0	1	0	0	0	0	1	1	0	1	1	0	0	6
June	0	1	0	0	1	0	0	1	0	0	0	1	1	0	0	0	5
July	0	1	1	1	0	0	0	0	2	0	1	0	0	0	0	0	8
August	1	0	0	0	0	1	0	1	0	0	0	2	1	0	0	0	6
September	1	0	1	1	0	0	0	0	1	0	0	0	0	0	0	0	4
October	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2	1	5
November	0	0	0	0	0	2	0	0	1	0	0	0	0	1	1	0	5
December	0	1	1	0	1	0	0	0	0	0	0	0	1	0	0	0	4
Total	3	3	7	2	4	4	1	2	5	1	2	4	4	2	4	3	51

Source: NC Department of Transportation, Division of Bicycle and Pedestrian Transportation, Research and Reports, Crash Data Tool, Bicycle Crash Data; http://www.pedbikeinfo.org/pbcat/_bikequery.cfm

By Crash Type

Crash Type	Crash Year																Total
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	
Backing Vehicle	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
Bicyclist Failed to Yield - Midblock	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	2
Bicyclist Failed to Yield - Sign-Controlled Intersection	1	0	1	0	2	0	0	0	0	0	0	2	0	0	0	0	6
Bicyclist Left Turn / Merge	2	1	3	0	0	3	1	1	1	0	1	1	1	0	1	0	16
Bicyclist Overtaking Motorist	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Bicyclist Right Turn / Merge	0	1	1	1	0	1	0	0	0	0	0	0	0	1	0	1	6
Crossing Paths - Other Circumstances	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Head-On	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2
Loss of Control / Turning Error	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	2
Motorist Failed to Yield - Midblock	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Motorist Left Turn / Merge	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
Motorist Overtaking Bicyclist	0	0	0	0	1	0	0	1	2	0	1	1	2	1	2	1	12
Total	3	3	7	2	4	4	1	2	5	1	2	4	4	2	4	3	51

**Bicycle/Automobile Crashes
By Severity**

Fault	Crash Year																Total
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	
Killed	2	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	4
Disabling Injury	0	0	2	0	1	0	0	0	1	1	0	2	0	1	0	1	9
Evident Injury	0	3	2	2	1	1	0	1	2	0	1	1	2	0	4	2	22
Possible Injury	1	0	1	0	2	2	1	1	1	0	1	1	2	1	0	0	14
No Injury	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	2
Total	3	3	7	2	4	4	1	2	5	1	2	4	4	2	4	3	51

By Cyclist Age

Bicyclist Age	Crash Year																Total
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	
Unknown	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
0-5	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2
6-10	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	4
11-15	2	1	1	2	0	0	0	0	1	0	1	4	2	1	0	1	16
16-19	0	0	0	0	1	0	0	0	2	0	0	0	0	0	0	0	3
20-24	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	2
25-29	0	0	1	0	1	0	0	0	0	0	1	0	1	0	0	0	4
30-39	1	0	1	0	0	0	0	0	0	1	0	0	0	0	1	0	4
40-49	0	0	1	0	0	0	0	1	0	0	0	0	1	1	0	0	4
50-59	0	0	1	0	0	1	0	1	1	0	0	0	0	0	1	2	7
60-69	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
70+	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	2
Total	3	3	7	2	4	4	1	2	5	1	2	4	4	2	4	3	51

By Crash Location

Crash Location	Crash Year																Total
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	
Intersection	1	1	1	0	3	0	0	0	0	0	1	2	0	0	1	2	12
Intersection-Related	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
Non-Intersection	2	2	5	2	1	4	1	2	5	1	1	2	4	2	3	1	38
Total	3	3	7	2	4	4	1	2	5	1	2	4	4	2	4	3	51

Nephritis, Nephrotic Syndrome, Nephrosis (Kidney Disease)

Nephritis, Nephrosis, Nephrotic Syndrome Discharge Rate Trend (Single Years, 2006-2012)

Location	Rate (Discharges per 1,000 Population)						
	2006	2007	2008	2009	2010	2011	2012
Pender County	0.9	1.5	1.3	1.4	1.2	1.7	1.9
Franklin County	1.8	1.6	1.2	1.3	1.5	1.3	1.7
Nash County	2.1	2.7	2.3	1.5	1.8	2.2	2.3
State of NC	1.3	1.7	1.6	1.4	1.5	1.8	1.8

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2008-2014), Morbidity, Inpatient Hospital Utilization and Charges by Principal Diagnosis and County of Residence; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: Bold type indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Kidney Disease Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-2012)

Location	Deaths, Number and Rate (Deaths per 100,000 Population)													
	White, Non-Hispanic		African American, Non-Hispanic		Other Races, Non-Hispanic		Hispanic		Male		Female		Overall	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Pender County	45	19.6	16	n/a	0	n/a	0	n/a	27	19.8	34	20.3	61	20.5
Franklin County	25	12.1	28	31.5	0	n/a	0	n/a	25	19.9	30	16.6	55	18.0
Nash County	68	18.5	75	48.8	0	n/a	0	n/a	69	33.6	74	22.6	143	26.9
State of NC	5,685	14.6	2,904	35.1	142	17.3	64	7.2	4,273	22.0	4,522	15.4	8,795	18.0

Source: NC State Center for Health Statistics, County Health Data Book (2014), Mortality, 2008-2012 Race/Ethnicity Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Kidney Disease Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Pender County	22.0	21.5	22.9	22.4	20.1	21.3	21.0	20.5
Franklin County	17.9	17.0	17.7	19.0	19.9	20.3	19.6	18.0
Nash County	21.5	22.1	23.3	23.9	21.7	24.8	25.5	26.9
State of NC	17.9	18.2	18.5	18.8	18.7	18.9	18.6	18.0

Source: NC State Center for Health Statistics, County Health Data Books (2007-2014), Mortality, Race-Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of **bold type** or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Nephritis, Nephrosis, Nephrotic Syndrome Discharge Rate Trend (Single Years, 2006-2012)

Gender and Racial Disparities in Kidney Disease Mortality Rate (Single Five-Year Aggregate Period, 2008-2012)

Location	Rate (Deaths per 100,000 Population)							
	Males				Females			
	White, Non-Hispanic	Af Amer, Non-Hispanic	Other Races, Non-Hispanic	Hispanic	White, Non-Hispanic	Af Amer, Non-Hispanic	Other Races, Non-Hispanic	Hispanic
Pender County	17.4	n/a	n/a	n/a	20.0	n/a	n/a	n/a
Franklin County	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Nash County	26.6	13.2	n/a	n/a	54.1	44.9	n/a	n/a
State of NC	18.9	40.1	18.6	8.3	11.8	32.1	16.4	6.0

Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2014), Mortality, 2008-2012 NC Resident Race/Ethnicity and Sex-Specific Age-Adjusted Death Rates, by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Gender Disparity Trend in Kidney Disease Mortality Rate (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)															
	Males								Females							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Pender County	23.6	19.6	22.7	21.9	17.4	19.5	21.0	19.8	21.3	23.2	23.7	22.9	22.2	22.6	20.6	20.3
Franklin County	16.5	19.5	15.3	17.2	20.3	23.0	19.5	19.9	18.4	14.5	17.9	19.1	19.1	17.9	19.1	16.6
Nash County	27.5	26.0	28.4	28.9	26.6	31.9	31.4	33.6	18.8	20.6	20.5	21.0	18.5	20.6	21.7	22.6
State of NC	21.0	21.5	21.6	22.3	22.4	22.9	22.7	22.0	15.9	16.2	16.5	16.6	16.4	16.4	16.0	15.4

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2007-2014), Mortality, NC Resident Race-Specific and Sex-Specific Age-Adjusted Death Rates, by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of **bold type** or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Males	23.6	19.6	22.7	21.9	17.4	19.5	21.0	19.8
Females	21.3	23.2	23.7	22.9	22.2	22.6	20.6	20.3

Pneumonia and Influenza

Pneumonia and Influenza Discharge Rate Trend (Single Years, 2006-2012)

Location	Rate (Discharges per 1,000 Population)						
	2006	2007	2008	2009	2010	2011	2012
Pender County	3.8	3.2	3.3	3.1	3.0	2.9	3.8
Franklin County	3.5	3.2	3.1	3.2	2.4	2.1	2.1
Nash County	3.8	4.4	4.7	4.7	3.6	4.4	3.9
State of NC	3.7	3.4	3.3	3.5	3.1	3.2	3.2

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2008-2014), Morbidity, Inpatient Hospital Utilization and Charges by Principal Diagnosis and County of Residence; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: Bold type indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Pneumonia and Influenza Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-2012)

Location	Deaths, Number and Rate (Deaths per 100,000 Population)													
	White, Non-Hispanic		African American, Non-Hispanic		Other Races, Non-Hispanic		Hispanic		Male		Female		Overall	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Pender County	31	13.3	14	n/a	0	n/a	0	n/a	21	16.2	24	14.7	45	15.5
Franklin County	53	28.0	15	n/a	0	n/a	0	n/a	23	23.0	45	25.7	68	24.0
Nash County	101	27.8	44	30.2	1	n/a	1	n/a	58	31.3	89	27.0	147	28.5
State of NC	7,152	18.4	1,395	17.2	93	11.5	70	7.4	3,819	20.7	4,891	16.4	8,710	18.0

Source: NC State Center for Health Statistics, County Health Data Book (2014), Mortality, 2008-2012 Race/Ethnicity Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Pneumonia and Influenza Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Pender County	19.3	18.1	13.0	11.2	11.3	15.2	15.1	15.5
Franklin County	29.9	29.7	28.0	26.8	28.0	24.7	26.5	24.0
Nash County	29.9	29.8	27.1	29.1	25.4	24.3	26.6	28.5
State of NC	23.3	22.5	21.4	20.3	19.4	18.6	17.9	18.0

Source: NC State Center for Health Statistics, County Health Data Books (2007-2014), Mortality, Race-Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of **bold type** or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Pneumonia and Influenza

Gender and Racial Disparities in Pneumonia and Influenza Mortality Rate (Single Five-Year Aggregate Period, 2008-2012)

Location	Rate (Deaths per 100,000 Population)							
	Males				Females			
	White, Non-Hispanic	Af Amer, Non-Hispanic	Other Races, Non-Hispanic	Hispanic	White, Non-Hispanic	Af Amer, Non-Hispanic	Other Races, Non-Hispanic	Hispanic
Pender County	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Franklin County	n/a	n/a	n/a	n/a	29.2	n/a	n/a	n/a
Nash County	32.7	n/a	n/a	n/a	25.1	30.4	n/a	n/a
State of NC	20.8	22.1	10.6	8.1	16.9	14.6	12.0	6.7

Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2014), Mortality, 2008-2012 NC Resident Race/Ethnicity and Sex-Specific Age-Adjusted Death Rates, by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Gender Disparity Trend in Pneumonia and Influenza Mortality Rate (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)															
	Males								Females							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Pender County	18.2	17.2	10.9	10.9	n/a	16.2	15.6	16.2	20.7	18.4	13.3	10.0	n/a	13.7	14.3	14.7
Franklin County	33.2	34.7	26.5	23.4	24.9	23.7	25.0	23.0	26.9	25.5	26.7	27.5	28.5	25.4	27.8	25.7
Nash County	38.2	41.0	38.2	36.3	31.2	29.6	28.8	31.3	25.2	23.8	30.9	26.3	22.7	21.4	25.5	27.0
State of NC	28.0	26.6	25.4	23.9	22.6	21.6	20.9	20.7	20.5	20.1	19.0	18.1	17.4	16.8	16.1	16.4

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2007-2014), Mortality, NC Resident Race-Specific and Sex-Specific Age-Adjusted Death Rates, by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of **bold type** or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Males	18.2	17.2	10.9	10.9	n/a	16.2	15.6	16.2
Females	20.7	18.4	13.3	10.0	n/a	13.7	14.3	14.7

Suicide

Suicide Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-2012)

Location	Deaths, Number and Rate (Deaths per 100,000 Population)													
	White, Non-Hispanic		African American, Non-Hispanic		Other Races, Non-Hispanic		Hispanic		Male		Female		Overall	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Pender County	34	17.0	2	n/a	0	n/a	0	n/a	32	23.8	8	n/a	40	15.1
Franklin County	42	20.0	4	n/a	1	n/a	1	n/a	40	26.5	9	n/a	49	15.7
Nash County	39	14.0	11	n/a	0	n/a	0	n/a	46	20.7	7	n/a	53	11.1
State of NC	5,184	15.4	493	4.8	134	7.7	147	4.1	4,580	19.8	1,378	5.4	5,958	12.2

Source: NC State Center for Health Statistics, County Health Data Book (2014), Mortality, 2008-2012 Race/Ethnicity Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Suicide Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Pender County	12.8	13.0	12.9	13.8	14.8	14.3	15.9	15.1
Franklin County	15.5	14.1	15.6	14.3	14.2	15.2	15.0	15.7
Nash County	10.0	11.0	11.2	12.3	12.4	12.0	11.7	11.1
State of NC	11.6	11.6	11.7	11.9	12.0	12.1	12.1	12.2

Source: NC State Center for Health Statistics, County Health Data Books (2007-2014), Mortality, Race-Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of **bold type** or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Suicide

Gender and Racial Disparities in Suicide Mortality Rate (Single Five-Year Aggregate Period, 2008-2012)

Location	Rate (Deaths per 100,000 Population)							
	Males				Females			
	White, Non-Hispanic	Af Amer, Non-Hispanic	Other Races, Non-Hispanic	Hispanic	White, Non-Hispanic	Af Amer, Non-Hispanic	Other Races, Non-Hispanic	Hispanic
Pender County	25.8	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Franklin County	33.4	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Nash County	24.5	n/a	n/a	n/a	n/a	n/a	n/a	n/a
State of NC	24.5	8.8	11.1	6.2	7.2	1.4	4.5	1.6

Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2014), Mortality, 2008-2012 NC Resident Race/Ethnicity and Sex-Specific Age-Adjusted Death Rates, by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Gender Disparity Trend in Suicide Mortality Rate (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)															
	Males								Females							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Pender County	23.8	25.0	23.0	23.3	24.7	24.2	25.5	23.8	2.6	1.7	3.2	4.6	n/a	n/a	n/a	n/a
Franklin County	24.5	21.7	23.4	20.4	24.0	24.9	24.3	26.5	7.3	7.1	8.3	8.6	n/a	n/a	n/a	n/a
Nash County	16.5	19.3	19.9	21.8	22.2	22.3	21.4	20.7	4.4	4.2	4.2	4.6	n/a	n/a	n/a	n/a
State of NC	19.3	19.2	18.9	19.1	19.5	19.6	19.6	19.8	4.8	4.9	5.2	5.4	5.3	5.3	5.3	5.4

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2007-2014), Mortality, NC Resident Race-Specific and Sex-Specific Age-Adjusted Death Rates, by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of **bold type** or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Males	23.8	25.0	23.0	23.3	24.7	24.2	25.5	23.8
Females	2.6	1.7	3.2	4.6	n/a	n/a	n/a	n/a

Septicemia

Septicemia Discharge Rate Trend (Single Years, 2006-2012)

Location	Rate (Discharges per 1,000 Population)						
	2006	2007	2008	2009	2010	2011	2012
Pender County	1.2	1.2	2.2	2.1	3.1	2.3	3.4
Franklin County	1.8	2.4	3.0	2.9	2.9	2.5	3.7
Nash County	2.7	2.7	3.4	3.4	3.9	3.6	4.0
State of NC	1.8	2.0	2.3	2.5	2.9	3.4	3.7

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2008-2014), Morbidity, Inpatient Hospital Utilization and Charges by Principal Diagnosis and County of Residence; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: Bold type indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Septicemia Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-2012)

Location	Deaths, Number and Rate (Deaths per 100,000 Population)													
	White, Non-Hispanic		African American, Non-Hispanic		Other Races, Non-Hispanic		Hispanic		Male		Female		Overall	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Pender County	24	10.7	19	n/a	0	n/a	0	n/a	22	17.0	21	13.0	43	14.7
Franklin County	28	13.3	23	26.8	0	n/a	0	n/a	27	16.5	19	n/a	52	17.2
Nash County	46	12.8	29	18.2	0	n/a	0	n/a	35	15.4	41	13.2	76	14.2
State of NC	4,786	12.3	1,657	19.7	80	9.1	74	6.1	2,997	14.8	3,600	12.4	6,597	13.4

Source: NC State Center for Health Statistics, County Health Data Book (2014), Mortality, 2008-2012 Race/Ethnicity Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Septicemia Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Pender County	11.3	11.8	11.2	12.8	10.9	12.6	12.5	14.7
Franklin County	19.8	17.6	18.7	20.5	19.1	19.8	19.4	17.2
Nash County	17.7	18.9	21.3	21.3	17.1	17.2	14.8	14.2
State of NC	14.5	14.4	14.2	14.2	13.8	13.7	13.6	13.4

Source: NC State Center for Health Statistics, County Health Data Books (2007-2014), Mortality, Race-Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of **bold type** or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Septicemia

Gender and Racial Disparities in Septicemia Mortality Rate (Single Five-Year Aggregate Period, 2008-2012)

Location	Rate (Deaths per 100,000 Population)							
	Males				Females			
	White, Non-Hispanic	Af Amer, Non-Hispanic	Other Races, Non-Hispanic	Hispanic	White, Non-Hispanic	Af Amer, Non-Hispanic	Other Races, Non-Hispanic	Hispanic
Pender County	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Franklin County	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Nash County	12.8	n/a	n/a	n/a	12.6	n/a	n/a	n/a
State of NC	13.4	23.6	9.6	4.6	11.4	17.5	8.7	7.0

Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2014), Mortality, 2008-2012 NC Resident Race/Ethnicity and Sex-Specific Age-Adjusted Death Rates, by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Gender Disparity Trend in Septicemia Mortality Rate (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)															
	Males								Females							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Pender County	16.3	16.0	13.6	15.2	n/a	n/a	n/a	17.0	9.1	9.6	10.0	11.5	n/a	n/a	n/a	13.0
Franklin County	24.8	20.9	18.2	18.6	n/a	17.1	18.5	17.8	16.4	15.3	18.4	21.4	21.9	20.4	19.5	16.7
Nash County	17.9	21.2	24.2	24.1	19.3	19.4	16.3	15.4	17.3	17.6	19.5	19.5	15.5	15.9	13.4	13.2
State of NC	15.7	15.7	15.5	15.6	15.1	15.1	15.0	15.0	13.6	13.6	13.4	13.2	12.8	12.7	12.6	12.6

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2007-2014), Mortality, NC Resident Race-Specific and Sex-Specific Age-Adjusted Death Rates, by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of **bold type** or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Males	16.3	16.0	13.6	15.2	n/a	n/a	n/a	17.0
Females	9.1	9.6	10.0	11.5	n/a	n/a	n/a	13.0

Alzheimer's Disease

Alzheimer's Disease Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-2012)

Location	Deaths, Number and Rate (Deaths per 100,000 Population)													
	White, Non-Hispanic		African American, Non-Hispanic		Other Races, Non-Hispanic		Hispanic		Male		Female		Overall	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Pender County	28	13.7	9	n/a	0	n/a	0	n/a	7	n/a	30	18.3	37	13.9
Franklin County	26	13.8	15	n/a	0	n/a	0	n/a	9	n/a	32	18.0	41	15.1
Nash County	78	21.5	20	15.3	0	n/a	0	n/a	34	21.1	65	19.4	99	19.8
State of NC	11,685	30.3	1,861	26.1	151	24.9	49	9.3	3,818	23.3	9,928	32.4	13,746	29.3

Source: NC State Center for Health Statistics, County Health Data Book (2014), Mortality, 2008-2012 Race/Ethnicity Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Alzheimer's Disease Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Pender County	7.1	7.2	10.7	14.9	14.5	15.2	15.7	13.9
Franklin County	16.5	16.3	16.2	15.4	17.2	16.0	17.6	15.1
Nash County	23.8	24.2	23.4	22.1	20.4	18.1	18.4	19.8
State of NC	27.1	27.7	28.3	28.7	28.3	28.5	29.0	29.3

Source: NC State Center for Health Statistics, County Health Data Books (2007-2014), Mortality, Race-Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of **bold type** or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Alzheimer's Disease

Gender and Racial Disparities in Alzheimer's Disease Mortality Rate (Single Five-Year Aggregate Period, 2008-2012)

Location	Rate (Deaths per 100,000 Population)							
	Males				Females			
	White, Non-Hispanic	Af Amer, Non-Hispanic	Other Races, Non-Hispanic	Hispanic	White, Non-Hispanic	Af Amer, Non-Hispanic	Other Races, Non-Hispanic	Hispanic
Pender County	n/a	n/a	n/a	n/a	18.8	n/a	n/a	n/a
Franklin County	n/a	n/a	n/a	n/a	17.2	n/a	n/a	n/a
Nash County	22.9	n/a	n/a	n/a	21.0	n/a	n/a	n/a
State of NC	23.9	21.9	16.0	n/a	33.6	27.8	30.0	12.4

Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2014), Mortality, 2008-2012 NC Resident Race/Ethnicity and Sex-Specific Age-Adjusted Death Rates, by County;
<http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Gender Disparity Trend in Alzheimer's Disease Mortality Rate (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)															
	Males								Females							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Pender County	6.7	6.6	9.0	12.6	n/a	n/a	n/a	n/a	7.1	7.5	11.6	16.1	17.3	18.0	20.1	18.3
Franklin County	9.1	10.1	9.9	7.9	n/a	n/a	n/a	n/a	20.2	18.9	18.8	18.6	19.3	19.3	22.0	18.0
Nash County	24.7	23.9	19.2	21.0	16.1	15.3	16.0	21.1	23.4	24.2	25.2	22.6	22.3	19.4	19.6	19.4
State of NC	21.6	22.0	22.2	22.2	22.3	22.7	22.7	23.3	29.6	30.3	31.1	31.8	31.3	31.3	32.2	32.4

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2007-2014), Mortality, NC Resident Race-Specific and Sex-Specific Age-Adjusted Death Rates, by County;
<http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of **bold type** or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Males	6.7	6.6	9.0	12.6	n/a	n/a	n/a	n/a
Females	7.1	7.5	11.6	16.1	17.3	18.0	20.1	18.3

Liver Disease

Chronic Liver Disease/Cirrhosis Discharge Rate Trend (Single Years, 2006-2012)

Location	Rate (Discharges per 1,000 Population)						
	2006	2007	2008	2009	2010	2011	2012
Pender County	0.3	0.3	0.4	0.3	0.2	0.2	0.2
Franklin County	0.2	0.5	0.2	0.2	0.3	0.4	0.3
Nash County	0.4	0.3	0.3	0.4	0.4	0.3	0.4
State of NC	0.3	0.3	0.3	0.3	0.2	0.2	0.2

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2008-2014), Morbidity, Inpatient Hospital Utilization and Charges by Principal Diagnosis and County of Residence; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: Bold type indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Liver Disease Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-2012)

Location	Deaths, Number and Rate (Deaths per 100,000 Population)													
	White, Non-Hispanic		African American, Non-Hispanic		Other Races, Non-Hispanic		Hispanic		Male		Female		Overall	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Pender County	18	n/a	4	n/a	0	n/a	0	n/a	17	n/a	6	n/a	23	6.9
Franklin County	37	15.3	8	n/a	0	n/a	0	n/a	27	16.5	19	n/a	46	13.1
Nash County	39	10.2	21	11.1	0	n/a	0	n/a	40	14.6	20	6.3	60	10.3
State of NC	4,022	10.2	746	7.2	84	6.5	74	4.7	3,236	13.2	1,690	6.0	4,926	9.3

Source: NC State Center for Health Statistics, County Health Data Book (2014), Mortality, 2008-2012 Race/Ethnicity Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Liver Disease Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Pender County	7.7	9.8	8.9	9.8	9.4	7.1	n/a	6.9
Franklin County	9.7	7.7	8.2	7.8	8.4	9.9	12.6	13.1
Nash County	11.1	10.3	11.7	12.8	11.0	10.7	10.8	10.3
State of NC	8.8	8.8	8.9	9.1	9.1	9.1	9.3	9.3

Source: NC State Center for Health Statistics, County Health Data Books (2007-2014), Mortality, Race-Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of **bold type** or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Liver Disease

Gender and Racial Disparities in Liver Disease Mortality Rate (Single Five-Year Aggregate Period, 2008-2012)

Location	Rate (Deaths per 100,000 Population)							
	Males				Females			
	White, Non-Hispanic	Af Amer, Non-Hispanic	Other Races, Non-Hispanic	Hispanic	White, Non-Hispanic	Af Amer, Non-Hispanic	Other Races, Non-Hispanic	Hispanic
Pender County	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Franklin County	18.6	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Nash County	14.2	n/a	n/a	n/a	n/a	n/a	n/a	n/a
State of NC	14.2	10.7	8.5	6.0	6.6	4.6	4.8	N/A

Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2014), Mortality, 2008-2012 NC Resident Race/Ethnicity and Sex-Specific Age-Adjusted Death Rates, by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Gender Disparity Trend in Liver Disease Mortality Rate (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)															
	Males								Females							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Pender County	8.6	13.2	11.6	12.0	n/a	n/a	n/a	n/a	6.6	7.0	6.7	8.1	n/a	n/a	n/a	n/a
Franklin County	14.6	11.2	10.9	10.5	n/a	14.2	17.2	16.5	6.0	5.2	6.4	5.4	n/a	n/a	n/a	n/a
Nash County	15.5	14.9	17.5	20.1	16.7	15.8	15.4	14.6	7.2	6.3	6.7	6.7	n/a	n/a	6.9	6.3
State of NC	12.6	12.5	12.7	12.9	12.9	13.0	13.2	13.2	5.6	5.6	5.7	5.8	5.8	5.8	5.9	6.0

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2007-2014), Mortality, NC Resident Race-Specific and Sex-Specific Age-Adjusted Death Rates, by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of **bold type** or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Homicide

Homicide Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-2012)

Location	Deaths, Number and Rate (Deaths per 100,000 Population)													
	White, Non-Hispanic		African American, Non-Hispanic		Other Races, Non-Hispanic		Hispanic		Male		Female		Overall	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Pender County	5	n/a	3	n/a	0	n/a	0	n/a	5	n/a	3	n/a	8	n/a
Franklin County	5	n/a	5	n/a	0	n/a	0	n/a	8	n/a	5	n/a	13	n/a
Nash County	17	n/a	29	15.8	1	n/a	1	n/a	44	19.8	9	n/a	53	11.8
State of NC	1,068	3.4	1,397	13.1	134	7.3	247	5.9	2,174	9.3	672	2.8	2,846	6.0

Source: NC State Center for Health Statistics, County Health Data Book (2014), Mortality, 2008-2012 Race/Ethnicity Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Homicide Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Pender County	5.9	5.1	4.9	4.6	n/a	n/a	n/a	n/a
Franklin County	4.6	4.1	5.2	4.9	n/a	n/a	n/a	n/a
Nash County	9.4	11.4	12.2	12.3	12.9	13.4	18.4	11.8
State of NC	7.2	7.2	7.1	7.2	7.0	6.6	6.3	6.0

Source: NC State Center for Health Statistics, County Health Data Books (2007-2014), Mortality, Race-Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of **bold type** or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Gender and Racial Disparities in Homicide Mortality Rate (Single Five-Year Aggregate Period, 2008-2012)

Location	Rate (Deaths per 100,000 Population)							
	Males				Females			
	White, Non-Hispanic	Af Amer, Non-Hispanic	Other Races, Non-Hispanic	Hispanic	White, Non-Hispanic	Af Amer, Non-Hispanic	Other Races, Non-Hispanic	Hispanic
Pender County	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Franklin County	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Nash County	n/a	30.1	n/a	n/a	n/a	n/a	n/a	n/a
State of NC	4.5	23.0	11.8	9.8	2.2	4.2	3.3	1.6

Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2014), Mortality, 2008-2012 NC Resident Race/Ethnicity and Sex-Specific Age-Adjusted Death Rates, by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Gender Disparity Trend in Homicide Mortality Rate (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)															
	Males								Females							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Pender County	8.4	8.1	6.8	6.3	n/a	n/a	n/a	n/a	3.3	2.1	3.0	2.9	n/a	n/a	n/a	n/a
Franklin County	5.4	4.6	6.4	6.3	n/a	n/a	n/a	n/a	3.9	3.8	4.5	3.7	n/a	n/a	n/a	n/a
Nash County	15.6	18.3	19.2	18.6	19.8	20.6	19.6	19.8	3.0	4.3	5.2	5.8	n/a	n/a	n/a	n/a
State of NC	11.0	10.9	11.0	11.0	10.8	10.2	9.8	9.3	3.3	3.3	3.2	3.3	3.2	3.0	2.9	2.8

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2007-2014), Mortality, NC Resident Race-Specific and Sex-Specific Age-Adjusted Death Rates, by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of **bold type** or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Acquired Immune Deficiency Syndrome (AIDS)

AIDS Discharge Rate Trend (Single Years, 2006-2012)

Location	Rate (Discharges per 1,000 Population)						
	2006	2007	2008	2009	2010	2011	2012
Pender County	0.2	0.0	0.1	0.2	0.2	0.1	0.1
Franklin County	0.3	0.2	0.0	0.2	0.0	0.1	0.1
Nash County	0.4	0.3	0.2	0.2	0.3	0.2	0.2
State of NC	0.2	0.2	0.2	0.2	0.2	0.1	0.1

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2008-2014), Morbidity, Inpatient Hospital Utilization and Charges by Principal Diagnosis and County of Residence; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: Bold type indicates a likely unstable rate based on a small (fewer than 20) number of cases.

AIDS Mortality, by Race/Ethnicity and Sex (Single Five-Year Aggregate Period, 2008-2012)

Location	Deaths, Number and Rate (Deaths per 100,000 Population)													
	White, Non-Hispanic		African American, Non-Hispanic		Other Races, Non-Hispanic		Hispanic		Male		Female		Overall	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate	Number	Rate
Pender County	2	n/a	4	n/a	0	n/a	0	n/a	5	n/a	2	n/a	7	n/a
Franklin County	1	n/a	7	n/a	0	n/a	0	n/a	5	n/a	3	n/a	8	n/a
Nash County	3	n/a	19	n/a	0	n/a	0	n/a	12	n/a	11	n/a	23	4.8
State of NC	324	0.9	1,165	11.3	18	n/a	53	2.2	1,065	4.4	495	2.0	1,560	3.1

Source: NC State Center for Health Statistics, County Health Data Book (2014), Mortality, 2008-2012 Race/Ethnicity Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

AIDS Mortality Rate Trend (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)							
	2001-05	2002-06	2003-07	2004-08	2005-09	2006-10	2007-11	2008-12
Pender County	0.8	1.6	1.5	2.2	n/a	n/a	n/a	n/a
Franklin County	2.7	2.6	2.2	2.2	n/a	n/a	n/a	n/a
Nash County	6.5	7.5	5.8	6.1	5.8	6.9	5.8	4.8
State of NC	5.2	5.1	4.7	4.4	4.2	3.9	3.5	3.1

Source: NC State Center for Health Statistics, County Health Data Books (2007-2014), Mortality, Race-Specific and Sex-Specific Age-Adjusted Death Rates by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of **bold type** or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Acquired Immune Deficiency Syndrome (AIDS)

Gender and Racial Disparities in AIDS Mortality Rate (Single Five-Year Aggregate Period, 2008-2012)

Location	Rate (Deaths per 100,000 Population)							
	Males				Females			
	White, Non-Hispanic	Af Amer, Non-Hispanic	Other Races, Non-Hispanic	Hispanic	White, Non-Hispanic	Af Amer, Non-Hispanic	Other Races, Non-Hispanic	Hispanic
Pender County	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Franklin County	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
Nash County	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a
State of NC	1.5	16.0	N/A	3.5	0.4	7.6	N/A	N/A

Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2014), Mortality, 2008-2012 NC Resident Race/Ethnicity and Sex-Specific Age-Adjusted Death Rates, by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Gender Disparity Trend in AIDS Mortality Rate (Five-Year Aggregate Periods, 2001-2005 through 2008-2012)

Location	Rate (Deaths per 100,000 Population)															
	Males								Females							
	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012	2001-2005	2002-2006	2003-2007	2004-2008	2005-2009	2006-2010	2007-2011	2008-2012
Pender County	1.6	3.2	2.9	4.3	n/a	n/a	n/a	n/a	0.0	0.0	0.0	0.0	n/a	n/a	n/a	n/a
Franklin County	3.9	3.1	0.9	0.9	n/a	n/a	n/a	n/a	1.6	2.3	3.7	3.7	n/a	n/a	n/a	n/a
Nash County	7.2	8.8	8.0	7.8	8.0	9.0	n/a	n/a	5.8	6.2	3.6	4.4	n/a	n/a	n/a	n/a
State of NC	7.4	7.1	6.6	6.1	5.9	5.4	4.8	4.4	3.1	3.1	2.9	2.7	2.7	2.5	2.3	2.0

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2007-2014), Mortality, NC Resident Race-Specific and Sex-Specific Age-Adjusted Death Rates, by County; <http://www.schs.state.nc.us/SCHS/data/databook/>

Note: The use of **bold type** or the use of "n/a" in lieu of a numeral indicates a likely unstable rate based on a small (fewer than 20) number of cases.

Chlamydia (2008-2012)

Location	Incidence, All Ages, Number and Rate (New cases per 100,000 population)									
	2008		2009		2010		2011		2012	
	#	Rate	#	Rate	#	Rate	#	Rate	#	Rate
Pender County	164	320.1	124	236.7	107	204.0	161	301.5	133	249.1
Franklin County	148	250.7	170	282.9	126	207.1	178	291.1	250	408.9
Nash County	578	614.1	581	613.2	650	678.1	623	648.2	590	613.8
State of NC	37,885	409.7	43,734	466.2	42,167	442.2	53,854	564.8	50,606	524.1

Note: Rates appearing in **bold** type are based on fewer than 10 cases per year. Such rates are unstable and should be interpreted with caution.

Note: Regional arithmetic mean rates appearing in *italic* type include unstable county rates. Such mean rates likely are unstable and should be interpreted with caution.

Source: NC DHHS, Division of Public Health, Epidemiology Section, Communicable Disease Branch. Facts and Figures, Annual Reports. North Carolina 2012 HIV/STD Surveillance Report, Table 7; <http://epi.publichealth.nc.gov/cd/stds/figures/std12rpt.pdf>

Note: chlamydia case reports represent persons who have a laboratory-confirmed Chlamydial infection. It is important to note that Chlamydial infection is often asymptomatic in both males and females and most cases are detected through screening. Changes in the number of reported cases may be due to changes in screening practices. The disease can cause serious complications in females and a number of screening programs are in place to detect infection in young women. There are no comparable screening programs for young men. For this reason, Chlamydia case reports are always highly biased with respect to gender. The North Carolina STD Surveillance data system has undergone extensive changes since 2008 when North Carolina implemented North Carolina Electronic Disease Surveillance System (NC ESS). During this transition, Chlamydia morbidity counts for some counties may have been affected. Report totals for 2011 should be considered with this in mind. Reports are summarized by the date received in the Communicable Disease Surveillance Unit office rather than by date of diagnosis.

Gonorrhea

Gonorrhea Infection Incidence Trend (Five-Year Aggregate Periods, 2002-2006 through 2006-2010)

Location	Incidence, All Ages, Number and Rate (New cases per 100,000 population)									
	2002-2006		2003-2007		2004-2008		2005-2009		2006-2010	
	# Cases	Rate	# Cases	Rate	# Cases	Rate	# Cases	Rate	# Cases	Rate
Pender County	238	104.7	251	107.0	250	103.0	230	91.8	198	78.1
Franklin County	286	108.2	341	126.1	355	128.3	384	135.7	398	136.1
Nash County	1,195	263.6	1,271	278.1	1,304	282.6	1,298	278.3	1,350	287.6
State of NC	77,948	182.0	79,244	181.9	79,172	178.4	78,778	174.2	77,867	168.9

Note: Rates for 5-year aggregates appearing in **bold** type are based on fewer than 20 cases per five-year period. Such rates are unstable and should be interpreted with caution.

Note: Regional arithmetic mean rates appearing in *italic* type include unstable county rates. Such mean rates likely are unstable and should be interpreted with caution.

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2008-2012). NC Resident Gonorrhea Cases and Rates per 100,000 Population (years and counties as noted): <http://www.schs.state.nc.us/schs/data/databook/>

Gonorrhea Infection Incidence Trend, by Race (Single Five-Year Aggregate Period, 2006-2010)

Location	Incidence, All Ages, Number and Rate (New cases per 100,000 population)									
	Total		White, Non-Hispanic		African American, Non-Hispanic		Other, Non-Hispanic		Hispanic	
	# Cases	Rate	# Cases	Rate	# Cases	Rate	# Cases	Rate	# Cases	Rate
Pender County	198	78.1	56	29.6	131	271.5	6	276.9	5	35.4
Franklin County	398	136.1	73	38.5	315	399.2	0	0.0	10	46.9
Nash County	1,350	287.6	157	58.8	1,166	623.2	5	77.5	9	36.2
State of NC	77,867	168.9	16,488	52.9	58,041	581.6	1,485	96.7	1,853	54.2

Note: Rates for 5-year aggregates appearing in **bold** type are based on fewer than 20 cases per five year period. Such rates are unstable and should be interpreted with caution.

Note: Regional arithmetic mean rates appearing in *italic* type include unstable county rates. Such mean rates likely are unstable and should be interpreted with caution.

Source: NC State Center for Health Statistics, County-level Data, County Health Data Books (2012). NC Resident Gonorrhea Cases and Rates per 100,000 Population (years and counties as noted): <http://www.schs.state.nc.us/schs/data/databook/>

Gonorrhea Infection Incidence Trend (Five Single Years, 2008-2012)

Location	Incidence, All Ages, Number and Rate (New cases per 100,000 population)									
	2008		2009		2010		2011		2012	
	# Cases	Rate	# Cases	Rate	# Cases	Rate	# Cases	Rate	# Cases	Rate
Pender County	33	64.4	31	59.2	23	43.9	33	61.8	23	43.1
Franklin County	88	149.1	81	134.8	57	93.7	66	107.9	98	160.3
Nash County	256	272.0	225	237.5	250	260.8	224	233.1	210	218.5
State of NC	15,015	162.3	14,811	157.9	14,153	148.0	17,158	177.7	14,322	148.3

Source: NC DHHS, Division of Public Health, Epidemiology Section, Communicable Disease Branch. Facts and Figures, Annual Reports. North Carolina 2012 HIV/STD Surveillance Report, Table 8; <http://epi.publichealth.nc.gov/cd/stds/figures/std12rpt.pdf>

Note: Rates appearing in **bold** type are based on fewer than 10 cases per year. Such rates are unstable and should be interpreted with caution.

Human Immunodeficiency Virus (HIV) Incidence (2008-2012)

Location	HIV Cases by County of First Diagnosis									
	2008		2009		2010		2011		2012	
	No. Reports	Rate**	Cases	Rate	Cases	Rate	Cases	Rate	Cases	Rate
Pender County	5	9.8	2	3.8	2	3.8	4	7.5	2	3.7
Franklin County	4	6.8	9	15.0	5	8.2	5	8.2	4	6.5
Nash County	23	24.4	15	15.8	17	17.7	13	13.5	20	20.8
State of NC	1,811	19.6	1,634	17.4	1,461	15.3	1,487	15.4	1,409	15.1

* HIV Disease includes all newly diagnosed HIV infected individuals by the date of first diagnosis regardless of status (HIV or AIDS)

** Rate = cases per 100,000 population

Source: NC DHHS, Division of Public Health, Epidemiology Section, Communicable Disease Branch. Facts and Figures, Annual Reports. North Carolina 2012 HIV/STD Surveillance Report, Table 3; <http://epi.publichealth.nc.gov/cd/stds/figures/std12rpt.pdf>

Note: Rates appearing in **bold** type are based on fewer than 10 cases per year. Such rates are unstable and should be interpreted with caution.

HIV Disease (HIV and AIDS) Cases Living as of 12/31/12 by County of Residence at Diagnosis

Location	Number of Living Cases
Pender County	56
Franklin County	103
Nash County	278
State of NC	27,068

Source: NC DHHS, Division of Public Health, Epidemiology Section, Communicable Disease Branch. Facts and Figures, Annual Reports. North Carolina 2012 HIV/STD Surveillance Report, Table 1; <http://epi.publichealth.nc.gov/cd/stds/figures/std12rpt.pdf>

Asthma

**NC Hospital Discharges with a Primary Diagnosis of Asthma, Numbers and Rates per 100,000 (2008-2012)
(By County of Residence)**

Location	Discharges, Number and Rate (Discharges per 100,000 Population)																			
	2008				2009				2010				2011				2012			
	All Ages		Age 0-14		All Ages		Age 0-14		All Ages		Age 0-14		All Ages		Age 0-14		All Ages		Age 0-14	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Pender County	34	65.6	13	148.6	36	67.8	14	163.6	27	51.7	13	133.8	36	67.4	20	201.0	22	40.6	5	49.9
Franklin County	97	167.5	23	207.5	106	179.1	30	261.7	107	176.5	21	169.6	70	114.5	23	187.4	74	120.4	21	174.1
Nash County	195	207.5	68	368.2	162	169.1	51	272.0	123	128.3	41	218.6	158	164.4	53	286.3	138	144.2	33	181.8
State of NC	10,644	115.4	2,778	151.9	10,986	117.1	3,228	175.0	10,470	109.8	3,152	166.0	9,880	102.3	3,004	157.3	9,786	100.3	3,128	163.7

Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2010-2014), Morbidity, Asthma Hospital Discharges (Total and Age 10-14) per 100,000 Population (years and counties as noted); <http://www.schs.state.nc.us/SCHS/data/databook>

Note: Bold type indicates a likely unstable rate based on a small (fewer than 10) number of cases.

Adult* Diagnosed Diabetes Prevalence Estimate Trend (Five Single Years, 2005 through 2011)

Location	Estimated Prevalence, Number and Percent (Age-Adjusted)													
	2005		2006		2007		2008		2009		2010		2011 **	
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Pender County	3,111	8.1	3,683	9.1	4,241	10.2	4,503	10.4	4,800	10.7	4,556	10.1	4,991	10.8
Franklin County	4,160	10.7	4,145	10.3	4,209	10.1	4,025	9.3	4,515	9.8	4,693	9.6	4,999	10.0
Nash County	6,897	9.7	7,638	10.4	7,865	10.6	8,071	10.6	8,409	10.7	8,689	10.9	8,717	10.9
State Total	n/a	8.6	n/a	8.8	n/a	9.0	n/a	9.1	n/a	9.2	n/a	9.3	n/a	n/a
National Total	n/a	5.5	n/a	5.6	n/a	5.8	n/a	6.0	n/a	6.3	n/a	6.4	n/a	6.4

Source Centers for Disease Control and Prevention, Diabetes Public Health Resource, Diabetes Interactive Atlas, Diagnosed Diabetes Percentage, years as listed;
<http://www.cdc.gov/diabetes/atlas/countydata/atlas.html>

State and National Data: Centers for Disease Control and Prevention, Diabetes Public Health Resource, Diabetes Data & Trends, National Surveillance Data. State Surveillance Data. <http://apps.nccd.cdc.gov/DDTSTRS/default.aspx>

* Adults are those who are 18 or older

** Methods by which BRFSS data was collected changed in 2011 and is not directly comparable to data in previous years.

Adult* Diagnosed Obesity Prevalence Estimate Trend (Five Single Years, 2005 through 2011)

Location	Estimated Prevalence, Number and Percent (Age-adjusted)													
	2005		2006		2007		2008		2009		2010		2011 **	
	#	%	#	%	#	%	#	%	#	%	#	%	#	%
Pender County	8,634	24.3	9,741	26.0	10,870	28.6	12,610	32.3	12,750	32.2	11,474	29.2	10,803	26.7
Franklin County	11,440	28.6	11,860	28.7	12,430	29.6	13,540	31.2	15,174	34.2	14,803	33.1	14,534	32.2
Nash County	19,590	29.4	20,580	30.4	21,780	32.2	21,930	32.1	23,064	33.6	23,475	33.1	22,605	31.7
State of NC	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a

* Adults are those who are 20 or older

Note: The prevalence of diagnosed diabetes and selected risk factors by county was estimated using data from CDC's Behavioral Risk Factor Surveillance System (BRFSS) and data from the U.S. Census Bureau's Population Estimates Program. Three years of data were used to improve the precision of the year-specific county-level estimates of diagnosed diabetes and selected risk factors.

Source: Centers for Disease Control and Prevention, Diabetes Public Health Resource, Diabetes Interactive Atlas, Obesity Age-Adjusted Percentage, years as listed; <http://www.cdc.gov/diabetes/atlas/countydata/atlas.html>

** Methods by which BRFSS data was collected changed in 2011 and is not directly comparable to data in previous years.

Prevalence of Overweight and Obesity in Children and Youth (2007-2012)¹

Children Ages 2-4

Location	Prevalence of Overweight and Obesity in Children Ages 2-4, by Percent											
	2007		2008		2009		2010		2011		2012	
	Overweight	Obese	Overweight	Obese	Overweight	Obese	Overweight	Obese	Overweight	Obese	Overweight	Obese
Pender County	16.4	19.2	19.5	19.6	19.6	25.5	21.3	17.4	18.4	21.3	17.2	15.4
Franklin County	19.8	17.5	23.7	18.1	18.0	18.2	16.8	16.8	18.5	17.0	15.3	14.6
Nash County	16.4	19.2	15.5	13.2	17.3	15.4	15.2	17.7	15.6	16.1	14.3	16.3
State of NC	15.7	15.3	16.3	15.4	15.8	15.4	16.1	15.6	16.2	15.7	14.9	14.5

Source: Eat Smart, Move More, Data on Children and Youth in NC, North Carolina Nutrition and Physical Activity Surveillance System (NC-NPASS), NC-NPASS Data (2007-2012), counties and age groups as noted; <http://www.eatsmartmovemorenc.com/Data/ChildAndYouthData.html>

¹ NC-NPASS data for children ages 2 to 4 are reflective of the population at 185% of the federal poverty level. Approximately 85 to 95% of the children included in the NC-NPASS sample for ages 2 to 4 are WIC participants. Since children are not eligible to participate in WIC once they become 5 years old, the sample size for NC-NPASS data received from the child health clinics was not adequate to calculate county-specific rates for children age 5 and older.

Note: Figures denoted in **bold** type indicate percentages based on fewer than 10 cases.

Overweight (Formerly "At Risk for Overweight") = BMI greater than or equal to the 85th percentile but less than the 95th percentile.

Obese (Formerly "Overweight") = BMI greater than or equal to the 95th percentile.

Oral Health

Adults

Adult oral health data is gathered via the BRFSS process, and is available only on a regional basis.

Children

Child Dental Screening Summary (SY2003-2004 through SY2009-2010)

Location	School Dental Screening Results															
	SY2003-2004				SY2004-2005				SY2005-2006				SY2006-2007			
	Kindergarten		5th Grade		Kindergarten		5th Grade		Kindergarten		5th Grade		Kindergarten		5th Grade	
	% Screened	% Untreated Decay	% Screened	% Untreated Decay	% Screened	% Untreated Decay	% Screened	% Untreated Decay	% Screened	% Untreated Decay	% Screened	% Untreated Decay	% Screened	% Untreated Decay	% Screened	% Untreated Decay
Pender County	94.0	32.0	96.0	12.0	95.0	30.0	91.0	6.0	96.0	25.0	97.0	6.0	95.0	26.0	96.0	6.0
Franklin County	99.0	27.0	100.0	9.0	102.0	26.0	99.0	3.0	101.0	26.0	98.0	7.0	100.0	23.0	100.0	3.0
Nash County	96.0	24.0	93.0	4.0	95.0	24.0	90.0	5.0	99.0	28.0	98.0	5.0	39.0	26.0	41.0	5.0
State of NC	75.0	23.0	73.0	5.0	77.0	22.0	74.0	5.0	82.0	21.0	76.0	5.0	78.0	19.0	81.0	4.0

Location	School Dental Screening Results											
	SY2007-2008				SY2008-2009				SY2009-10			
	Kindergarten		5th Grade		Kindergarten		5th Grade		Kindergarten		5th Grade	
	% Screened	% Untreated Decay	% Screened	% Untreated Decay	% Screened	% Untreated Decay	% Screened	% Untreated Decay	% Screened	% Untreated Decay	% Screened	% Untreated Decay
Pender County	96.0	29.0	95.0	5.0	105.0	24.0	97.0	6.0	92.0	19.0	92.0	6.0
Franklin County	97.0	22.0	95.0	3.0	95.0	18.0	95.0	5.0	93.0	18.0	94.0	7.0
Nash County	0.0	0.0	0.0	0.0	93.0	19.0	94.0	3.0	93.0	17.0	92.0	4.0
State of NC	81.0	18.0	73.0	4.0	83.0	17.0	77.0	4.0	83.0	17.0	77.0	4.0

Source: NC DHHS, Oral Health, References and Statistics, School Oral Health Assessments, NC County Level Oral Health Assessment Data by Year (years and counties as noted); <http://www.ncdhs.gov/dph/oralhealth/stats/MeasuringOralHealth.htm>

Medicaid Recipients Utilizing Dental Services, by Age Group

Location	SFY2010					
	<21 Years Old			21+ Years Old		
	# Eligible for Services	# Receiving Services	% Eligibles Receiving Services	# Eligible for Services	# Receiving Services	% Eligibles Receiving Services
Pender County	5,803	2,975	51.3	3,823	1,226	31.2
Franklin County	7,223	3,828	53.0	4,648	1,622	34.9
Nash County	12,456	6,079	48.8	8,851	2,923	33.0
State of NC	1,113,692	541,210	48.6	679,139	214,786	31.6

Source: NC DHHS, NC Division of Medical Assistance, Statistics and Reports, County Specific Snapshots for NC Medicaid Services (2011); <http://www.ncdhhs.gov/dma/countyreports/index.htm>

Persons Served by Area Mental Health Programs (2005-2012)¹

Location	Number of Persons Served							
	2005	2006	2007	2008	2009	2010	2011	2012
Pender County	1,073	973	983	1,077	1,275	1,814	1,271	1,305
Franklin County	1,476	1,379	1,558	1,913	1,921	1,300	1,359	1,402
Nash County	2,881	2,500	1,977	1,722	2,252	2,368	2,597	2,527
State of NC	337,676	322,397	315,338	306,907	309,155	332,796	360,180	315,284

Source: Log Into North Carolina (LINC) Database, Topic Group Vital Statistics and Health (Data Item 519); <http://linc.state.nc.us/>

¹ All clients of a community-based Area Program for mental health, developmental disabilities, and drug and alcohol abuse active at the beginning of the state fiscal year plus all admissions during the year. Also included are persons served in three regional mental health facilities. Multiple admissions of the same client are counted multiple times. County of residence is reported at the time of admission. North Carolina data include clients reported to reside out-of-state and sometimes contains individuals of unknown county of residence.

Persons Served in NC State Psychiatric Hospitals (2005-2012)¹

Location	Number of Persons Served							
	2005	2006	2007	2008	2009	2010	2011	2012
Pender County	86	69	73	63	40	29	34	21
Franklin County	153	169	145	161	50	35	27	27
Nash County	490	412	367	267	140	138	89	94
State of NC	18,435	18,292	18,498	14,643	9,643	7,188	5,754	4,572

Source: Log Into North Carolina (LINC) Database, Topic Group Vital Statistics and Health (Data Item 519); http://data.osbm.state.nc/pls/linc/dyn_linc_main.show

¹ Sometimes referred to as "episodes of care", these counts reflect the total number of persons who were active (or the resident population) at the start of the state fiscal year plus the total of first admissions, readmissions, and transfers-in which occurred during the fiscal year at the three state alcohol and drug treatment centers. Excluded are visiting patients and outpatients. Multiple admissions of the same client are counted multiple times. County of residence is reported at the time of admission. North Carolina data include clients reported to reside out-of-state.

Persons Served in NC State Developmental Centers (2005-2012)

Location	Number of Persons Served							
	2005	2006	2007	2008	2009	2010	2011	2012
Pender County	11	10	4	3	11	11	10	3
Franklin County	25	24	22	20	22	21	22	19
Nash County	23	22	1	1	19	21	17	5
State of NC	2,172	1,690	1,713	1,409	1,404	1,375	1,355	1,340

Source: Log Into North Carolina (LINC) Database, Topic Group Vital Statistics and Health (Data Item 517);
http://data.osbm.state.nc/pls/linc/dyn_linc_main.show

Persons Served in NC State Alcohol and Drug Treatment Centers (2005-2012)¹

Location	Number of Persons Served							
	2005	2006	2007	2008	2009	2010	2011	2012
Pender County	12	19	26	16	40	32	35	22
Franklin County	26	36	35	50	49	45	50	44
Nash County	29	20	25	126	98	88	75	61
State of NC	3,732	4,003	3,733	4,284	4,812	4,483	4,590	4,265

Source: Log Into North Carolina (LINC) Database, Topic Group Vital Statistics and Health (Data Item 518); http://data.osbm.state.nc/pls/linc/dyn_linc_main.show

¹ Sometimes referred to as "episodes of care", these counts reflect the total number of persons who were active (or the resident population) at the start of the state fiscal year plus the total of first admissions, readmissions, and transfers-in which occurred during the fiscal year at the three state alcohol and drug treatment centers. Excluded are visiting patients and outpatients. Multiple admissions of the same client are counted multiple times. County of residence is reported at the time of admission. North Carolina data include clients reported to reside out-of-state.

Top 25 DRGs Pender Memorial Hospital (FY2012)

DRG Description (Code)	Pender Memorial Hospital			
	# Cases	# Days	Total Charges	Avg. Charge Per Case
Chronic obstructive pulmonary disease w/o CC/MCC (192)	80	263	\$781,224	\$9,765
Kidney & urinary tract infections w/o MCC (690)	79	224	\$616,152	\$7,799
Simple pneumonia & pleurisy w/o CC/MCC (195)	48	144	\$434,581	\$9,053
Simple pneumonia & pleurisy w CC (194)	42	190	\$500,970	\$11,927
Nutritional & misc metabolic disorders w/o MCC (641)	36	87	\$249,422	\$6,928
Cellulitis w/o MCC (603)	32	98	\$241,713	\$7,553
Esophagitis, gastroent & misc digest disorders w/o MCC (392)	27	61	\$199,356	\$7,383
Heart failure & shock w/o CC/MCC (293)	21	58	\$187,591	\$8,932
Disorders of pancreas except malignancy w/o CC/MCC (440)	21	74	\$187,241	\$8,916
Uterine & adnexa proc for non-malignancy w/o CC/MCC (743)	21	29	\$215,049	\$10,240
G.I. hemorrhage w/o CC/MCC (379)	19	39	\$134,434	\$7,075
Chronic obstructive pulmonary disease w MCC (190)	16	53	\$149,459	\$9,341
Kidney & urinary tract infections w MCC (689)	16	72	\$185,551	\$11,596
Red blood cell disorders w/o MCC (812)	15	29	\$109,962	\$7,330
Transient ischemia (69)	13	22	\$100,126	\$7,702
Diabetes w/o CC/MCC (639)	13	34	\$98,165	\$7,551
Chronic obstructive pulmonary disease w CC (191)	12	35	\$116,260	\$9,688
Signs & symptoms w/o MCC (948)	12	34	\$86,864	\$7,238
Hypertension w/o MCC (305)	10	21	\$63,262	\$6,326
Poisoning & toxic effects of drugs w/o MCC (918)	10	21	\$64,372	\$6,437
Bronchitis & asthma w/o CC/MCC (203)	9	28	\$79,945	\$8,882
Heart failure & shock w CC (292)	9	26	\$80,900	\$8,988
Simple pneumonia & pleurisy w MCC (193)	8	32	\$100,969	\$12,621
Disorders of pancreas except malignancy w CC (439)	8	35	\$84,857	\$10,607
Septicemia or severe sepsis w/o MV 96+ hours w/o MCC (872)	8	36	\$90,537	\$11,317
Top DRGs Totals (includes DRG's not listed here):	638	1,927	\$5,713,723	\$8,955
Total for Facility:	796	2,450	\$7,352,352	\$9,236

Source: North Carolina Hospital Association. *Hospital Charges by Facility for Top 35 DRG Procedures*; <https://www.ncha.org/issues/finance/top-35-drgs>

Note: Data is from the North Carolina Hospital Association website that provides an overview of hospital charges for the most common inpatient procedures. While the site lists the top 35 DRG inpatient procedures in NC hospitals, this dataset provides the top 25.