



Community Health Assessment



New Hanover County
North Carolina



2015

An electronic version of this report is available on the
New Hanover County Health Department website:
www.health.nhcgov.com/reports



Dear Family, Friends, and Neighbors,

Since 1879, the New Hanover County Health Department has been at the forefront of promoting health, preventing disease and protecting our environment. We continue to have a vision of healthy people, safe environment and a strong community.

Public health is the discipline of protecting and improving the health of families and communities through promotion of healthy lifestyles, detection and control of disease, prevention of injury and creation and enhancement of environmental health. Public health is centered on protecting population health. These populations can be as small as a local neighborhood, or as big as an entire county or region. Public health is important because it saves money, helps children to survive, adults to thrive, and the elderly to feel more alive.

We are pleased to share the 2015 New Hanover County Community Health Assessment (CHA) with you. The CHA includes information about the health of the community as it is today and about the community's capacity to improve the lives of residents. It serves to start the discussion about the social, economic, and health conditions that impact our community.

Public health is grounded in understanding the health status of the community, fostering partnerships and building community capacity. As you read through our CHA, we ask you to join us in tackling the health and socioeconomic disparities that hinder our county's ability to be a model of holistic health, systemic safety and a wellspring of wellness in North Carolina.

The unprecedented implementation of the Affordable Care Act in 2014 provided access to healthcare to millions of formerly uninsured Americans. However, the pillars of public health remain essential because of its primary aim of transforming health systems to better serve the population as a whole. We hope that the data summarized in the CHA will serve to inspire individuals to adopt and sustain a healthy lifestyle and for community groups to work together to address the root causes of health disparities and leverage resources to make health a reality, not a luxury. Join us in building a culture of health, one community at a time.

Sincerely,

A handwritten signature in blue ink, appearing to read "David Rice". The signature is fluid and cursive, written in a professional style.

David Rice, MPH, MA

New Hanover County Health Director

Table of Contents

EXECUTIVE SUMMARY

Chapter 1: Introduction & Background

Community Health Assessment Purpose	04
NHC Community Health Assessment History	04
Improving Community Health—A Comprehensive Effort.....	04
Peer County Comparisons.....	06

Chapter 2: County Description

New Hanover County Profile: History Geography Economy.....	07
Demographics: Age and Gender Race/Ethnicity Education.....	08
Crime & Violence Poverty Social Determinants of Health	09

Chapter 3: CHA Findings

Data Collection Process.....	14
Data Collection Results.....	15
Trend Analysis	22

Chapter 4: Community Resources & Needs

Focus Group Highlights	25
Priority Specific Health Promotion Resources	26

Chapter 5: Community Concerns/Priorities

Prioritization Process.....	31
Top Three Priorities.....	34
Sources and Literature Cited.....	35

ACKNOWLEDGEMENTS

WITHIN DOCUMENT

Appendix 1- 2015 Focus Group Questions
Appendix 2 – 2015 Community Resources

AVAILABLE SEPARATELY

Primary Data Book *(with Health Opinion Survey)*
Secondary Data Book

Executive Summary

The New Hanover County Community Health Assessment (CHA) 2015 is a collaborative effort between New Hanover County Government, University of North Carolina at Wilmington, New Hanover County Regional Medical Center and the New Hanover County Health Department to identify critical areas for health improvement. The 2015 Assessment continues a successful collaboration between the hospital partners and local health department, begun in 2000, to identify and jointly address significant community health issues.

Making Comparisons

In order to help identify areas of concern, New Hanover County rates have been compared to other “peer” counties who have similar demographics, poverty estimates, percentage of population living below the poverty line, and age (less than 18 years, 65 years or older). The National Association of County and City Health Officials (NACCHO) grouped New Hanover County with Buncombe, Brunswick and Orange Counties. The chart below compares rates among the counties and state for 2005-2009.

NC Peer Counties, Group D: Brunswick, Buncombe, New Hanover, Orange	
Population size	107,431 - 238,318
Individuals living below poverty level	16.5% - 18.1%
Population under 18 years	19% - 21%
Population 65 years and over	10% - 21%
Population density (people per square mile)	127 -1058

Throughout this document, New Hanover County data will be compared with its peer counties and the overall state statistics. Data will also be contrasted with Healthy NC 2020 goals; which serves as the state’s health improvement plan.

Information Sources New Hanover County’s CHA was created using both secondary data: which is data collected by others and made available for use, and primary data: data that was collected directly from the community through a Health Opinion Survey and focus groups. Existing statistics came from current and credible state, county and local sources. Data that was collected from community persons consisted of a health opinion survey and a variety of focus groups. In both the health opinion survey and the focus groups, questions addressed health issues and concerns as well as available community resources and assets.

CHA Findings

Overall the population New Hanover County residents believe they are in very good health with more than half of the survey respondents reporting being in “Very Good” or “Good” health (1,278 or 78%). Although New Hanover County’s population on average has been found to be healthier than those of other counties in North Carolina, certain health challenges continue.

Primary Data (Health Opinion Survey and Focus Groups)

According to New Hanover County residents the health problems that are most significantly impacting quality of life include: violent crimes (38%), traffic congestion (37%), and drug/alcohol abuse (29%). When considering their communities, survey respondents listed higher paying jobs (36%) as the greatest need for improvement in their community. This was followed by sidewalks/bike path improvements (25%) and road safety/maintenance (24%).

When asked what topics people in their communities need more information about, the top responses were substance use/abuse (27%); followed by safe driving skills and crime prevention that were tied at twenty-four percent (24%).

Looking at health care access and utilization, most respondents indicate that they do have a primary care physician (84%) and when sick they visit the doctor’s office most frequently (70%). Only thirteen

percent (13%) indicated they had trouble in the last 12 months receiving health care. Of the thirteen percent (13%) of respondents who said they didn't visit the dentist in the past year, seventy-four percent (74%) of people cited concern about being able to afford the costs (74%) as their reason for not visiting the dentist.

Safety appears to be a top concern for top survey takers as ninety-six percent (96%) of people say they "always" use seatbelts when they drive or ride in a car. Of the individuals that self-identify as smokers, ninety-one percent (91%) say they have smoked more than 100 cigarettes in their lifetime. Among the male respondents, 443 men would meet the excessive (binge) drinking definition as defined by the Center for Disease and Control; while 1,060 of female respondents would meet the excessive (binge) drinking definition. Excessive Drinking is the percentage of adults that report consuming more than 4 (women) or 5 (men) alcoholic beverages on a single occasion in the past 30 days.

Another behavioral health finding was that 1,077 people (68%) said they have used a prescription drug that was prescribed to them within the last 30 days. In contrast, 37 people, (2%), of survey takers say they have used a medication that was not prescribed for them within the last 30 days. And 57 people, (3%) say they have used a drug classified as illegal in the past 30 days. When it comes to medication disposal, some 38% of survey respondents choose throwing their medications in the trash as the most popular method of disposal, followed by taking the medications to a community take back event (22%) as the next most popular.

Considering the self-reported height and weight of the participants, 60% would be classified as either overweight or obese in the Body Mass Index (BMI) chart.

In the event of a large-scale disaster, ninety-two percent (92%) of residents say preparation, planning, and emergency supplies will help them to handle the situation. Only thirteen percent (13%) of residents said they would not leave if a mandatory evacuation were announced. Of those who say they would not leave, twenty-one percent (21%) listed traffic congestion as main reason for not leaving. Information obtained from the focus groups indicated similar quality of life concerns among a majority of the groups.

Secondary (Existing) Data Analysis

According to the 2015 County Health Rankings, New Hanover County residents have higher incidences of certain health behaviors than its neighboring counties.

- Excessive drinking was noted among 18% of the County Rankings survey respondents which was above the state percentage (16%) and all of its peer counties (range: 14%-16%) during 2006-2012.
- During 2008-2012, the drug poisoning mortality rate in New Hanover County 17.0 per 100,000 persons; which is higher than two of its peer counties (range: 9-22) and the state rate of 12.0 deaths per 100,000 persons.
- Eighty-seven percent (87%) of respondents have adequate access to places for physical activity such as parks, recreational facilities and national parks. New Hanover county's access to physical activity measure is higher than two of its peer counties (range: 75%-90%) and higher than the state percentage (76%).
- Considering maternity and child health, New Hanover County mothers who smoke during pregnancy were found to have a rate of 7.9 per 100,000 persons which is higher than two of its peer counties (range: 3.6-15.1) but lower than the state rate (10.4) during 2011-2014.
- In 2014, newly diagnoses syphilis and chlamydia rates in New Hanover County were higher than most of its peer counties. The average rate for new syphilis diagnoses per 100,000 persons was 7.9; higher than two of its peer county syphilis rates (range: 0.8-11.4) for the same year. The 2014 rate of chlamydia was (462.8) according to the state's electronic disease surveillance system which is higher than all of its peer counties (range: 212.6-351.6) for the same year. ⁹

Calculating Rates: There may or may not be 100,000 residents in the county under review, but multiplying the result by 100,000 makes that rate comparable with counties with more than 100,000 or less than 100,000

The number of newly diagnosed AIDS rates for 2014 in New Hanover County was 3.3 per 100,000 persons. This rate is lower than all three of its peer counties for the same year (range: 4.3-5.7) and much lower than the state rate of 7.2 per 100,000 persons.⁹

The top three leading causes of death in New Hanover County were cancer, diseases of the heart and cerebrovascular disease, with chronic lower respiratory diseases coming in fourth. According to the State Center for Health Statistics, this ranking is similar to the state and the peer counties' rankings of leading causes of death with the exception of the peer counties reporting, chronic lower respiratory diseases as third with cerebrovascular disease placing fourth.¹¹ During 2008-2012 certain types of cancers contributed to a significant rate of mortality in New Hanover County:

- Colon Cancer mortality rate of 12.3 per 100,000 persons **higher than** all of its peer counties (range: 10.4-11.5)
- Lung Cancer mortality rate of 48.9 per 100,000 persons was **higher than** two of its peer counties at (range 42.1-56.1)
- Female Breast Cancer mortality rate of 17.6 per 100,000 persons was lower than its peer counties at (range: 17.8-22.9)
- Prostate Cancer mortality rate of 24.3 per 100,000 persons was **higher than** all of its peer counties at (range: 19.7-20.2)⁷

The suicide death rate was 18.5 per 100,000 persons in New Hanover County, which was higher than all of its peer counties (range: 6.4-17.2) and higher than the state rate (13.5) overall for 2014.¹¹

When considering the infant mortality and racial disparity rates in New Hanover County, African American infants were affected at a rate of 13.5 per 1,000 live births; more than three times higher than that of their Caucasian counterparts (4.0) in 2013.¹¹

Social Determinants of Health

In 2013, the percentage of children living in poverty in New Hanover County's was 24%. This is higher than two of its peer counties (range: 13% - 28%) and slightly lower than NC overall (25%). At a eighteen percent, (18%) New Hanover County had more adults living in poverty than all of its peer counties (range: 14%-16%) and NC as a whole (17%) during the 2010-2014 time period.¹⁴ Some twenty-one percent (21%) of New Hanover residents report having severe housing problems. This percentage is higher than all of its peer counties (range: 15%-20%) and higher than NC overall (16%). Severe problems were defined as households with at least 1 of 4 housing problems: overcrowding, high housing costs, or lack of kitchen or plumbing facilities during 2007-2011.¹²

During 2009- 2013, New Hanover County exceeded the rates of two of its peer counties (range: 86%-91%) for educational attainment. At 90.6%, most residents had at least a high school diploma, which is higher than the NC percentage of 84.9%.¹³ The 2014 unemployment rate was 5.8%. This is average compared to peer counties (range: 4.4%-7.6%). Data from the US Census Bureau indicates that slightly over half of New Hanover County residents (57.6%) were home owners and slightly under half (42.4%) of residents were renters in 2013. In 2013 dollars, the median household income was \$49,835 which was more than the state average at \$46,334. During 2010-2014 New Hanover County's median gross rent was \$902, which is higher than the state dollar amount at \$790 and most of its peer county rental prices (range: \$828-\$918) during the same time period.

Community Concerns/Health Priorities

After the community and existing data was analyzed, the general public was invited to provide feedback on the data and help to determine the top three health priority areas. The group gave consideration to three ranking criteria: magnitude of the problem, seriousness of the problem and feasibility for solution. The following priority areas emerged:

- Reduce obesity
- Reduce excessive drinking/alcohol-related traffic crashes
- Reduce unintentional poisoning death rate

Chapter 1: Introduction & Background

The North Carolina Department of Health and Human Services requires that all local health departments complete a community health assessment (CHA) every four years, with the last community health assessment being completed in 2011 for New Hanover County. During the interim period, a State of the County Health Report (SOTCH) is completed annually to highlight the progress through programs, policies and environmental changes as well as evaluate any changes in the health status of the county. These reports allow citizens, leaders and officials to monitor trends to effectively create strategies to improve the health of the community. The CHA is also required for state-level accreditation of New Hanover County Health Services (G.S. 130A-34.1).

CHA History

Community Health Assessment 2007 analyzed a broad spectrum of community health issues, with particular focus on modifiable risk factors such as overweight, poor diet, physical inactivity and tobacco use. Other areas highlighted throughout this assessment which are significant issues for this community is violence, crime, access to care, and mental health. The assessment led to collaboration with the Cape Fear Healthy Carolinians and the Coastal Carolina Health Alliance, to establish a regional diabetes education program, prostate awareness campaign, a minority infant mortality prevention program, an outreach program to address disparities in health care access for underserved communities and an obesity prevention program to combat obesity in school aged children.

Community Health Assessment 2011 continued focus on the obesity risks for New Hanover County children and added an action plan to address their families also. The assessment and recommendations for improvement addressed behavioral issues such as reducing the unintentional poisoning mortality rate and reducing the youth alcohol use rate. The 2011 CHA allowed for in-depth collaboration with the Cape Fear Coalition *for a Drug Free Tomorrow*.

A Comprehensive Effort

The New Hanover County Community Health Assessment (CHA) 2015 is a collaborative effort between New Hanover County Government, University of North Carolina at Wilmington, New Hanover County Regional Medical Center and the New Hanover County Health Department to identify critical areas for health improvement. The 2015 Assessment continues a successful collaboration between the hospital partners and local health department, begun in 2000, to identify and jointly address significant community health issues.

The New Hanover County Health Department Health Promotion staff served as facilitator for the CHA process. The entire CHA team reviewed CHA instruments, materials, helped to identify resources and provided support in the community for data collection to occur. Several key partnerships were established and strengthened during the CHA Process. Churches in the community as well as all of the county libraries hosted survey stations. The Department of Social Services and administrators at the jury pool provided access to their audiences to allow the CHA Team to conduct surveys in their waiting rooms. Also, several

farmers' markets and health fairs were utilized as recruitment areas for interested survey takers during the data collection time period.

Methodology

The 2015 Community Health Assessment Team was established back in 2008 and similar partners have continued to participate on the CHA Team each time. The 2015 CHA Team consisted of the previously mentioned county, university and hospital partners. This team provided oversight and instruction for the community health assessment process. The tasks the CHA Team were responsible for included establishing a survey tool to collect data, setting a time frame for data collection, recruiting sites to host focus groups throughout the community and publicizing the CHA survey widely. The eight phases of the CHA process include: 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.

Health Opinion Survey

The survey results reflect the health opinions of those in the community regarding the county's leading cause of death, common health behaviors, available emergency preparedness plans, biggest health concerns as well as desired resources, screenings, and health promotion programs.

The CHA Team determined the questions that were to be included in the survey tool. As closely as possible, the survey approach, methodology, and questions were modeled after the Centers for Disease Control and Prevention' Behavioral Risk Factor Surveillance System (BRFSS) and the North Carolina Child Health Assessment and Monitoring Program (CHAMP) survey. Drafting language after these tools ensures that residents across the country have been asked similar questions, which allows results from national reports to be effectively compared with local New Hanover County results.

Based on weekly reports of survey distribution, locations of survey collection were varied to replicate the county demographics with a goal of sampling 1% of the NHC population. The survey was made available online and on paper in both English and Spanish. From June to October 2015, a total of 1,975 surveys were collected from New Hanover County citizens.

Survey Administration

Researchers and volunteers were used to administer the survey face to face. Prior to administering the survey, a 30-minute training session was completed with all volunteers to ensure they delivered the survey with fidelity and confidentiality. At locations such as the NHC courthouse, Department of Social Services (DSS), NHC Senior Center, local churches, and various community-based events, the survey administrators who worked in teams, would approach possible participants. Oral consent was obtained in either English or Spanish. Eligible participants were at least 18 years of age and lived in NHC. Eligible participants self-administered the survey with assistance as required. Both the English and Spanish surveys were administered either electronically using Qualtrics © software or administered by paper and pencil.

Incentives provided included the chance to win a \$25 gift card. Participants turned in their surveys then withdrew a ticket from a jar with the hopes of capturing the ticket with the winning symbol drawn on it. Some 48 people won gift cards throughout the course of the survey collection process.

The surveys along with a drop box were also placed at all of the County libraries, DSS and Senior Resource Center. This stationary submission method allowed data collection to take place without a staff member being present. All paper surveys were entered into the electronic format by the research staff on a weekly basis.

Community Focus Groups

A total of six focus groups were held in New Hanover County to gain a better understanding of the needs in the community. To ensure that all populations were represented, focus group members consisted of individuals from varied ethnic populations, a wide range of age groups (college students, middle aged and senior residents), various faith based groups, service groups, community civic groups and health care professionals.

Recruitment of focus group members was done by creating flyers and approaching individuals at health fairs, civic groups, and faith based organizations. The intended focus group participants were required to reserve their spot via email or telephone until a maximum number of participants was met.

Incentives provided a guaranteed \$25 gift card and a lunch meal during the 90 minute focus group session. Some 39 people received gift cards for their participation in the focus group discussions.

Each group consisted of a minimum of 6 to a maximum of 10 per group. Each focus group’s audio discussion was recorded and then transcribed professionally with the themes identified by three members of the CHA team. The focus group questions were developed by the CHA Team and a copy of the questions can be found in the appendix.

Peer County Comparisons

In order to help identify areas of concern, New Hanover County rates have been compared to other “peer” counties who have similar demographics, poverty estimates, percentage of population living below the poverty line, age (less than 18 years, 65 years or older). The National Association of County and City Health Officials (NACCHO) grouped New Hanover County with Buncombe, Brunswick and Orange Counties. The chart compares rates among the counties and state for 2005-2009.

NC Peer Counties, Group D: Brunswick, Buncombe, New Hanover, Orange	
Population size	107,431 - 238,318
Individuals living below poverty level	16.5% - 18.1%
Population under 18 years	19% - 21%
Population 65 years and over	10% - 21%
Population density (people per square mile)	127 -1058

Throughout this document, New Hanover County data will be compared with its peer counties and the overall state statistics. Data will also be contrasted with Healthy NC 2020 goals; which serves as the state’s health improvement plan.

Chapter 2: County Description

History

New Hanover County was named in honor of the English King, King George I, who also ruled the Kingdom of Hanover, Germany. The English royal family was, therefore, called the House of Hanover. The New Hanover County seat is the city of Wilmington. Wilmington is over 250 years old and is located along the Cape Fear River.

The city is rich in historical significance, including an architectural heritage reflected in the revitalized 200-block National Register Historic District. The city of Wilmington played a vital role during the Civil War as a center for Confederate blockade running; it was the final spot in the South to fall to the Union. In the 20th century, the city's economy shifted from river commerce to the railroad.

Geography

Located in southeastern North Carolina and established in 1729, New Hanover County was formed from Craven County, one of three original counties in North Carolina. New Hanover County is the second smallest county in the State but one of the most densely populated. The County's land area totals approximately 220 square miles, and of this total, over 21 square miles consist of water and wetlands.



New Hanover County is home to four incorporated municipalities: Wilmington, Carolina Beach, Kure Beach, and Wrightsville Beach. The County's beaches provide miles of unspoiled natural beauty and are the area's most popular tourist attractions. The surrounding terrain is low lying, with an average elevation of less than 40 feet. The highest elevation is approximately 75 feet above sea level. According to the most recent Census Report, New Hanover County is 97.8% urban and only 2.2% rural.¹³

Economy

New Hanover County is not just a great place in which to live or visit. New Hanover County is also a great place to do business. Tourism, film production, the service and retail sectors are the engines that power our economy.

Wilmington is what the emerging "New South" is all about. The inviting business climate has attracted giants like G.E., DuPont, Corning, Pharmaceutical Product Development, Inc.



(PPD) and Verizon Wireless, in addition to smaller, high-tech firms and corporations.

Wilmington is known for historic preservation, its close proximity to area beaches, as well as annual events such as the North Carolina Azalea Festival and Riverfest. Wilmington is also home to a major film studio, Screen Gem Studios. All of this adds to the pleasant lifestyle that growing numbers are enjoying in New Hanover County.

Population

From 2010 to 2014, New Hanover County has seen an increase in population of about seven percent (7%). North Carolina only saw an increase of about four percent (4%) during that same time period.¹³ During 2014 New Hanover County received a population estimate of 216,298 people.

When broken down by ages, New Hanover County has a larger percentage of residents aged 65 and older (15.8%) compared to the state percentage (14.7%).¹³ The median (middle) age of the New Hanover County citizen is 38 years old. As the aging in place population continues to grow, projection reports list the median age at 39 in the next five years.²

Compared to the previous 2011 CHA, New Hanover County’s over 65 population has grown nearly three percent (3%).

The veteran population continues to grow in New Hanover County. For the last reporting period the veteran population was listed at 16,590 during 2010 in the county compared to 17,075 in 2014.¹³

2014 Population		
	NHC	NC
Estimated Population	213,267	9,943,964
2014 Population Characteristics		
Veterans	17,075	709,471
Foreign born persons	5.3%	7.6%
2014 Ages		
Under 5 years old	5.3%	6.1%
Under 18 years old	19.4%	23.0%
65+ Years	15.8%	14.7%

Gender & Race /Ethnicity

At 52%, New Hanover County had more females than males (48%) during 2010-2014. This percentage is similar to the state percentage for gender groups (51% Females, 49% males).

2014 Gender		
	NHC	NC
Male	102,368 (48.0%)	4,872,542 (49.0%)
Female	110,899 (52.0%)	5,071,422 (51.0%)
2014 Race / Ethnicity		
White	81.3%	71.5%
Black	14.6%	22.1%
Am. Indian or Alaskan Native	0.6%	1.6%
Asian	1.4%	2.7%
Native Hawaiian and Other Pacific Islander	0.1%	0.1%
Multi-Racial/Other Race	2.0%	2.1%
2014 Ethnicity		
Hispanic	5.4%	9.0%
Language other than English spoken at home	8%	11%

For people reporting one race alone, eighty-one percent (81.3%) were White which is above average compared to the state (72%); Fifteen percent (15%) were African American in the county and almost one percent was American Indian or Alaska Native; 1.4 percent were Asian; less than 0.5 percent were Native Hawaiian and Other Pacific Islander. Some two percent (2%) identified as multi-racial or other race.¹³

Compared to the 2011 CHA, the race distribution has increased slightly for Whites (80% in 2009), but decreased slightly for African Americans (16% in 2009).

Social Determinants of Health

Social determinants of health are conditions in the environments in which people are born,

- ❖ **Unemployment:** 6,343 individuals or 5.8% of the labor force was unemployed in 2014.²
- ❖ **Household Income:** Median household income was \$49,835 in 2013.¹³
- ❖ **Poverty:** During 2010-2014 about 18% of adults lived below the poverty line and 24% of children. 2015 Poverty guidelines define poverty as making less than \$24,250 annually for a family of four.¹⁴
- ❖ **SNAP Benefits:** 16,384 families received SNAP Supplemental Nutrition Assistance Program benefits during the 2014-2015 fiscal year.⁴
- ❖ **High School Diploma:** At least 90.6 percent of New Hanover County citizens had a high school diploma during 2009-2013.¹³

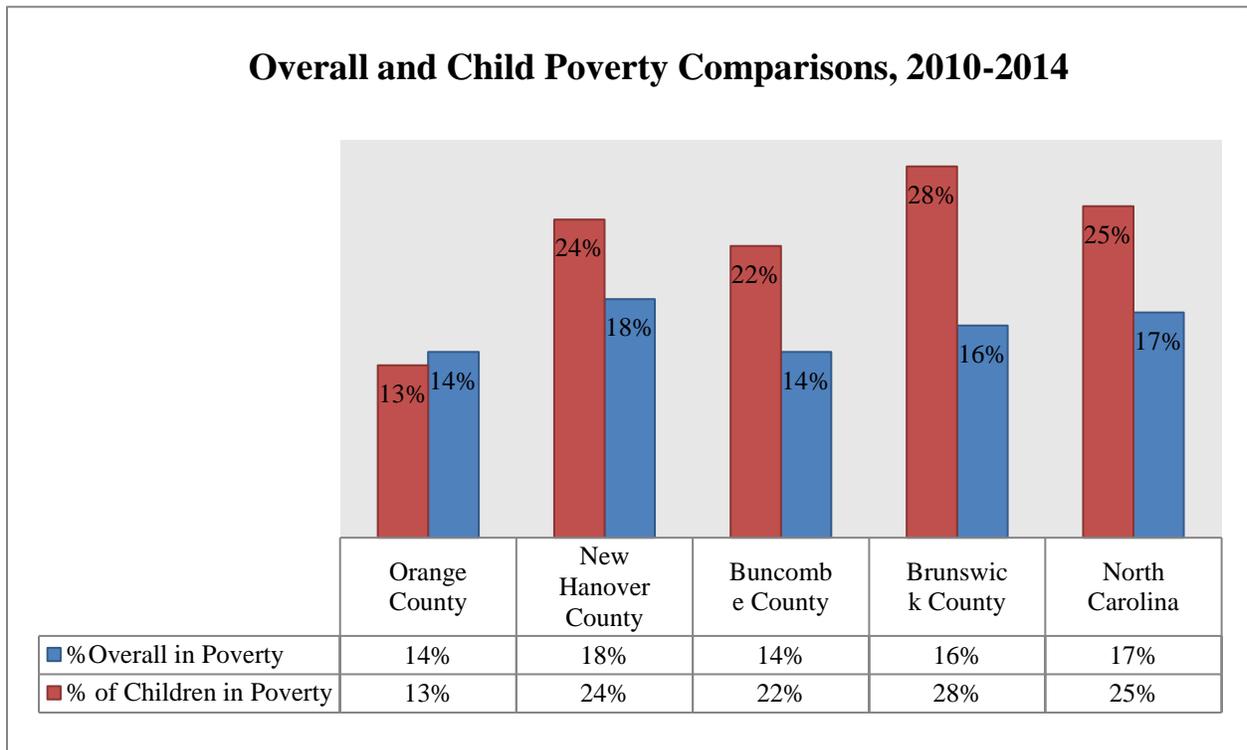
live, learn, work, play, worship, and age that affect a wide range of health, functioning, and quality-of-life outcomes and risks. Conditions (e.g., social, economic, and physical) in these various environments and settings (e.g., school, church, workplace, and neighborhood) have been referred to as “place.” In addition to the more material attributes of “place,” the patterns of social engagement and sense of security and well-being are also affected by where people live. Resources that enhance quality of life

can have a significant influence on population health outcomes. Examples of these

resources include safe and affordable housing, access to education, public safety, availability of healthy foods, local emergency/health services, and environments free of life-threatening toxins. ³

Poverty Poverty status is determined by comparing annual income to a set of dollar values called poverty thresholds that vary by family size, number of children, and the age of the householder. If a family’s before tax money income is less than the dollar value of their threshold, then that family and every individual in it are considered to be in poverty. The poverty thresholds are updated annually to allow for changes in the cost of living using the Consumer Price Index (CPI-U). They do not vary geographically.¹³

In 2013, the percentage of children living in poverty in New Hanover County’s was 24%. This is higher than two of its peer counties (range: 13% - 28%) and slightly lower than NC overall (25%). With eighteen percent (18%) of New Hanover County adults living in poverty, New Hanover County’s poverty percentage is higher compared to peer counties (range: 14%-16%) and NC as a whole (17%) during the 2010-2014 time period. ¹⁴



Crime & Violence According to the North Carolina Department of Justice, from 2011-2012, the crime rates have all decreased in North Carolina and in New Hanover County. New Hanover County continues to remain above the state rate for Crime, Violent Crime and Property Crime. The City of Wilmington saw a 2% increase during 2011-2012 in its total crime index (from 6,367 to 6,526). The specific crimes that lead to the city’s increased percentage include property damage, robbery, and burglary. ¹⁰

Statewide & County Crime Index, 2011-2012				
	2011		2012	
	NHC	NC	NHC	NC
*Crime Index Rate (per 100,000 Persons)	4,897.3	3,942.2	4,807.5	3,767.2
**Violent Crime Rate (per 100,000 Persons)	423.0	356.6	408.4	358.6
***Property Crime Rate (per 100,000 Persons)	4,474.3	3,585.6	4,399.1	3,408.6

Source: North Carolina Department of Justice ¹⁰
 *Crime Index rate includes the total number of murders, rapes, robberies, aggravated assaults, burglaries, larcenies, and motor vehicle thefts. While arson is considered an Index Crime, the number of arsons is not included in the Crime Index tables.
 ** Violent Crime includes the offenses of murder, forcible rape, robbery, and aggravated assault as defined below
 *** Property Crime includes the offenses of burglary, larceny, and motor vehicle theft.

Education During 2009- 2013, New Hanover County exceeded the rates of two of its peer counties (range: 86%-91%) for educational attainment. At 90.6%, most residents had at least a high school diploma, which is higher than the state percentage of 84.9%. ¹³



New Hanover County Public Schools is the main source of elementary and secondary education in the county, with two Pre-K Centers, 26 elementary schools, 9 middle schools, and 7 high schools. There are 14 private schools in New Hanover. Also, many colleges are located in the Wilmington region, including The University of North Carolina at Wilmington (UNCW), Cape Fear Community College, Miller-Motte Technical College, Mount Olive College, and The College of Wilmington.

All of these offer continuing education programs and provide a great outlet for a successful future.

New Hanover County Schools (NHCS) Grades 7-13, Dropout Counts and Rates			
Year	NHCS Number of Students	NHCS Rate	North Carolina Rate
2008-09	350	3.10	2.93
2009-10	386	3.40	2.55
2010-11	296	2.63	2.33
2011-12	172	1.53	2.02
2012-13	177	1.53	1.64
2013-14	224	1.91	1.52

Grade 13 refers to an early-college program that allows eligible students to take high school courses toward graduation while taking tuition-free college credits classes that would go toward a degree.

Drop Out Rate As of 2013-2014, New Hanover County's dropout rate among grades 7-13th was 1.91 which is much lower compared to the 3.10 rate from five years prior 2008-2009.

The dropout rate in New Hanover County has been on a downward trend since 2011-2012 and is only slightly higher than the state rate in current reports. ⁶

Unemployment The annual 2014 unemployment rate was 5.8% with 6,343 people unemployed. This is average compared to peer counties (range: 4.4%-7.6%) during 2014. Looking at the last reporting period in 2011, New Hanover County's unemployment rate was 9.5% with 9,760 people unemployed. ²

New Hanover County Employment Metrics		
	September 2015	2014 Annual
Sept2015 Prelim Labor Force	112,715	109,507
Sept2015 Prelim Employment	106,949	103,164
Sept2015 Prelim Unemployment	5,766	6,343
Sept2015 Prelim Unemployment Rate	5.10%	5.80%
Source: AccessNC http://accessnc.commerce.state.nc.us/ . Accessed January 12, 2016.		

Employment Compared to the 2011 list of top ten employers, the top three have remained unchanged, but new on the list in 2015 includes the City of Wilmington and Harris Teeter as major employers in New Hanover County. ²

Top 10 Employer Profiles: 2nd Quarter 2015		
Company	Industry	Employment range
1. New Hanover Regional Medical Center	Education & Health	1,000+
2. New Hanover County School System	Education & Health	1,000+
3. University Of North Carolina at Wilmington	Education & Health	1,000+
4. PPD Development, Lp	Professional & Business	1,000+
5. County Of New Hanover	Public Administration	1,000+
6. Cellco Partnership	Information	1,000+
7. Cape Fear Community College	Education & Health	1,000+
8. Wal-Mart Associates Inc	Trade Transportation & Utilities	1,000+
9. City of Wilmington NC	Public Administration	1,000+
10. Harris Teeter	Trade, Transportation, & Utilities	1,000+
Source: AccessNC http://accessnc.commerce.state.nc.us/docs/topEmployers/topEmp_37129.pdf Accessed January 12, 2016		

Housing Data from the US Census Bureau indicates that slightly over half of New Hanover County residents (57.6%) were home owners and slightly under half (42.4%) of its residents were renters in 2013. In 2013 dollars, the median household income was \$49,835 which was more than the state average at \$46,334. During 2010-2014 New Hanover County's median gross rent was \$902, which is higher than the state dollar amount at \$790

and most of its peer county rental prices (range: \$828-\$918) during the same time period.¹³

Some twenty-one percent (21%) of New Hanover residents report having severe housing problems. This percentage is higher than all of its peer counties (range: 15%-20%) and higher than NC overall (16%). Severe problems were defined as households with at least 1 of 4 housing problems: overcrowding, high housing costs, or lack of kitchen or plumbing facilities during 2007-2011.¹³

Data from the American Community Survey indicates there were there were 86,000 families in New Hanover County in 2010. The average household size was 2.3 people. ¹

Transportation The transportation industry in New Hanover County consists of local and international travel through the regional airport, bus and taxi services, a North Carolina State Port, and a well-developed highway and rail system.

Wilmington International Airport: As the fourth largest airport in North Carolina, Wilmington International Airport (ILM) is one of the most hospitable and progressive international airports in the Carolinas; This airport serves more than 3.4 million passengers each year.

North Carolina State Port in Wilmington: Wilmington is home to one of the two major state ports in North Carolina. Located on the east bank of the Cape Fear River, the port in Wilmington offers facilities to handle containerized, bulk and break bulk cargos. The Port of Wilmington is one of the few South Atlantic ports with readily available berths and storage areas for containers and cargo.

Bus and Taxi The Cape Fear Public Transportation Authority provides a variety of local public transportation options to the residents of the Cape Fear region, including the Wave Transit and Seahawk Shuttle buses on fixed routes, local shuttles and a free downtown trolley. All have schedules designed for convenience and easy accessibility. The Wave Transit also provides Para transit services for disabled individuals and has a taxi voucher program in place for visually impaired citizens. A trip planner is available at www.wavetransit.com. Several taxicab companies provide service to the Greater Wilmington Area.



Chapter 3: CHA Findings

The New Hanover County Community Health Assessment (CHA) 2015 is a collaborative effort between New Hanover County Government, University of North Carolina at Wilmington, New Hanover County Regional Medical Center and the New Hanover County Health Department to identify critical areas for health improvement. The 2015 Assessment continues a successful collaboration between the hospital partners and local health department, begun in 2000, to identify and jointly address significant community health issues.

Information Sources

New Hanover County’s CHA was created using both secondary data: which is data collected by others and made available for use, and primary data: data that was collected directly from the community through a Health Opinion Survey and focus groups. Existing statistics came from current and credible state, county and local sources. Data that was collected from community persons consisted of a health opinion survey and a variety of focus groups. In both the health opinion survey and the focus groups, questions addressed health issues and concerns as well as available community resources and assets.

Survey Respondents

Of the 1,975 individual that took the survey, most of the respondents were well educated and largely Caucasian women. Based on weekly reports of survey distribution, locations of survey collection were varied to replicate the county demographics with a goal of sampling 1% of the NHC population. The survey was made available online and on paper in both English and Spanish. From June to October 2015, a total of 1,975 surveys were collected from New Hanover County citizens.

2015 Survey Respondent Demographics			
Race		Education	
White/Caucasian	1,341 (87%)	More than 4 years of college	514 (33%)
African American	152 (10 %)	College graduate	478 (31%)
Other	28 (2%)	Some college or technical school	404 (26%)
		High school graduate	132 (8%)
Gender		Age Ranges	
Female	1,140 (70%)	18-24	44 (3.16%)
Male	485 (30%)	25-44	461 (33.24%)
Transgender	4 (0%)	45-64	594 (42.84%)
		65-100	288 (20.76%)

Overall Results

Mortality & Life Expectancy

Premature Death is the years of potential life lost before age 75. Every death occurring before the age of 75 contributes to the total number of years of potential life lost. For example, a person dying at age 25 contributes 50 years of life lost, whereas a person who dies at age 65 contributes 10 years of life lost to a county's.

- In New Hanover County, 6,209 years were prematurely lost during 2010-2012. These are fewer premature years lost than two of New Hanover's three peer counties (range: 4,569-8,131) and less than the state overall (NC-7,212).¹²

By examining premature mortality rates across communities and investigating the underlying causes of high rates of premature death, resources can be targeted toward strategies that will extend years of life in communities. Measuring premature mortality, rather than overall mortality, reflects the County Health Rankings' intent to focus attention on deaths that could have been prevented.

Leading Causes of Death

The top three leading causes of death in New Hanover County were cancer, diseases of the heart and cerebrovascular disease, with chronic lower respiratory diseases coming in fourth. According to the State Center for Health Statistics, this ranking is similar to the state and the peer counties' rankings of leading causes of death with the exception of the peer counties reporting, chronic lower respiratory diseases as third with cerebrovascular disease placing fourth. During 2008-2012 certain types of cancers contributed to a significant rate of mortality in New Hanover County:

- Colon Cancer mortality rate of 12.3 per 100,000 persons **higher than** all of its peer counties (range: 10.4-11.5)
- Lung Cancer mortality rate of 48.9 per 100,000 persons was **higher than** two of its peer counties at (range 42.1-56.1)
- Female Breast Cancer mortality rate of 17.6 per 100,000 persons was lower than its peer counties at (range: 17.8-22.9)
- Prostate Cancer mortality rate of 24.3 per 100,000 persons was **higher than** all of its peer counties at (range: 19.7-20.2)⁷

The suicide death rate was 18.5 per 100,000 persons in New Hanover County, which was higher than all of its peer counties (range: 6.4-17.2) and higher than the state rate (13.5) overall for 2014.¹¹

When considering the infant mortality and racial disparity rates in New Hanover County, African American infants were affected at a rate of 13.5 per 1,000 live births; that's more than three times higher than that of their Caucasian counterparts (4.0) in 2013.¹¹

Leading Causes of Death in New Hanover, 2014

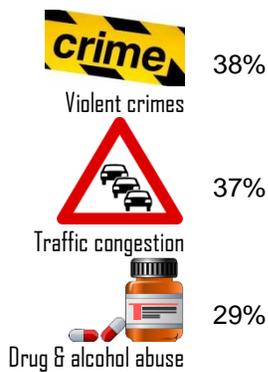
Rank	Cause	Number	%
1	Cancer	427	23.4
2	Diseases of heart	369	20.2
3	Cerebrovascular diseases	150	8.2
4	Chronic lower respiratory diseases	93	5.1
5	All other unintentional injuries	71	3.9
6	Alzheimer's disease	60	3.3
7	Diabetes mellitus	45	2.5
8	Nephritis, nephrotic syndrome and nephrosis	41	2.2
9	Intentional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

Quality of Life

According to the 2015 County Health Rankings data, overall New Hanover County was ranked number 12 out of 100 other counties in North Carolina for quality of life in 2015. As a ranking standard, 100 is the poorest health ranking and one is the healthiest.

In the 2015 rankings, quality of life was determined by contrasting what survey respondents described as the percentage of fair or poor health days (15%), physically unhealthy days (about 3 days), and number of poor mental days (about 3 days).

A majority of New Hanover County residents who took the local health opinion survey were in agreement with the County Health Rankings on quality of life issues except for statements that relate to economic opportunity. Locally, responses to the statement, *"I find enough economic opportunity in New Hanover County"* reveal a split: 28% of survey respondents agreeing with the statement while 27% disagree.



Additional health opinion survey findings indicate the top three issues affecting quality of life are violent crimes, traffic congestion, and drug/alcohol abuse. Thirty-eight percent (38%) of residents are most concerned with the violent crimes (murder, assault, etc). Thirty-seven percent (37%) are most concerned with traffic congestion, and twenty-nine percent (29%) are most concerned with drug and alcohol abuse affecting their quality of life in New Hanover County.

Local health opinion survey concerns appear to match existing data tables from the County Health Rankings. According to the County Health Rankings, during 2010-2012, violent crimes rates (NHC 427) were much higher than surrounding counties (range: 163-251) and North Carolina as a whole (NC 355). Violent Crime rate is the number of reported violent crimes per 100,000 persons. High levels of violent crime compromise physical safety and psychological well-being. High crime rates can also deter residents from pursuing healthy behaviors such as exercising outdoors. Additionally, exposure to crime and violence has been shown to increase stress,

which may worsen hypertension (high-blood pressure) and other stress-related disorders and may contribute to more cases of obesity.

Preventative Screenings

The health opinion survey revealed that 87% of residents have had a sigmoidoscopy or colonoscopy to view the signs for colon cancer or other health problems. Most residents 65 and older have had an annual prostate exam (70%), mammogram (72%) annually. Being tested for HIV was a priority for half of the survey takers at fifty-one percent (51%).

Personal Health Status

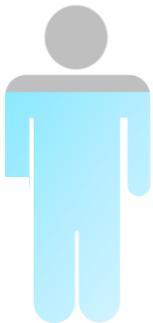
The health opinion survey included questions about many chronic diseases, such as cancer, high blood pressure, diabetes and preventative screenings associated with early diagnosis.

The top three health conditions that respondents identified as having experienced or are currently experiencing include overweight/obesity (37%), high cholesterol (37%), high blood pressure (36%).

Cancer patients and survivors listed skin and breast cancer as the top two types of cancers that they had ever been diagnosed with. Prediabetes means that your blood sugar level is higher than normal but not yet high enough to be classified as type 2 diabetes. Without intervention, prediabetes is likely to become type 2 diabetes in 10 years or less.

- 71% of residents said that someone has told them they were pre-diabetic at a time that was not during pregnancy.

71%
Received
Prediabetes
Diagnosis



Nutrition & Physical Activity

Conditions and behaviors that contribute to health stats such as a lack of physical activity, poor nutrition, tobacco use, and excessive alcohol consumption are responsible for much of the illness and death related to injury and chronic disease in the United States. These behaviors are present in New Hanover County as well.



The Center for Disease Control and Prevention recommends 150 minutes of moderate physical activity for adults. According to survey responders, twenty-nine percent (29%) of adults believe they are getting the recommended amount of physical activity each week. When asked to list all of the places that they engage in physical activity, at home (59%), in their neighborhoods (50%) or a public park/trail (50%) ranked highest among the survey respondents.

For the handful that do not meet the physical activity recommendations, many residents said they either don't like to exercise or are too tired to exercise. Most people say they do not drink any sweetened beverages on a daily basis (52%).

Considering the self-reported height and weight of the participants, 60% would be classified as either overweight or obese in the Body Mass Index (BMI) chart. Cross tabulation of BMI and race results reveal that white respondents had 58% (688 people) in the overweight/obese category, African Americans had 76% (98 people) in the overweight/obese category, Asians had 80% (4 people) in the overweight/obese category, Native Americans had 88% (8 people) in the overweight/obese category and biracial responders had 64% (29 people) in the overweight/obese category. [Table 3]

Table 3: Overweight/Obese Residents by Race		
	Percent	Count
White	58%	688
African Americans	76%	98
Biracial	64%	29
Native Americans	88%	8
Asians	80%	4

Injury Prevention

Seat belt use was reported by nearly every survey respondent. Ninety-six percent (96%) of residents said they “always” wear a seatbelt when riding or driving in a car.

According to the County Health Rankings, New Hanover County residents show an increase in risky behaviors that could lead to injury or disease such as adult smoking, adult obesity, excessive drinking, drug poisoning deaths, and violent crimes. ¹²

During 2006-2012, the drug poisoning mortality rate in New Hanover County (17.0) exceeded two of its three peer counties (range: 9.0-22.0) and the state rate (12.0). The rate is measured by the number of drug poisoning deaths per 100,000 persons. ¹²

- 68% of residents say they are currently taking a prescription drug that was prescribed for them by their health care provider.
- The most common method of medication



Don't flush your old meds or throw them in the trash. They can be harmful to the environment!

Bring your unused or expired pills to one of New Hanover County's permanent drop box locations:

Sheriff's Office

Front Desk

Detention Center

*3950 Juvenile Center Rd.
Castle Hayne, NC 28429
Drop Off: 24 hours a day*

The Historic

Courthouse Downtown

Room 201

*24 N. 3rd St.
Wilmington, NC 28401
Drop Off: 8am-5pm*

disposal is throwing them in the trash (38%) according to health opinion survey respondents.

Substance Use

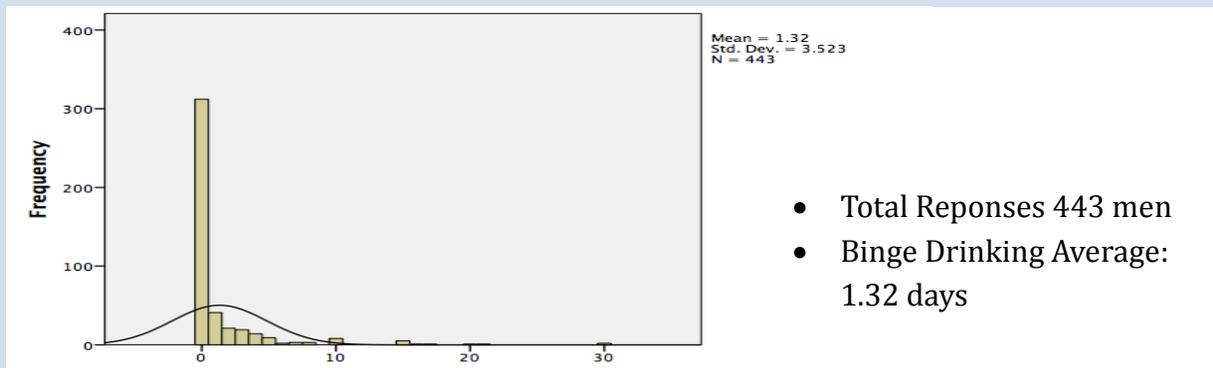
According to the health opinion survey, only 10% of residents smoke traditional cigarettes while half of those (5%) smoke electronic cigarettes. Over their lifetime, ninety-one percent (91%) of residents say they have smoked at least 100 cigarettes.

Binge drinking is defined as more than five drinks on one occasion for men or four for women. Binge drinking activity, was reported by 443 men and 1,060 women in the health opinion survey (see Table 1)

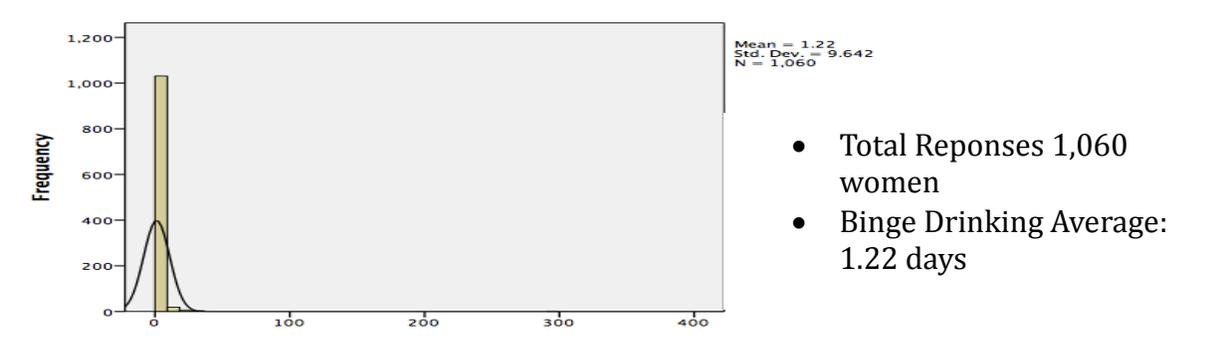
- The 2015 County Health Rankings revealed that 18% of NHC citizens report engaging in excessive drinking. Excessive drinking is defined as consuming more than 4 (women) or 5 (men) alcoholic beverages on a single occasion in the past 30 days. Eighteen percent is higher than each of its peer counties and the state percentage (13%).
- This same source shows that 29% of our residents have been involved in alcohol-impaired driving deaths during 2009-2013.¹²

Table 1. Binge Drinking for Men and Women

MEN: Considering all types of alcoholic beverages, how many times during the past 30 days did you have 5 or more drinks on any occasion?

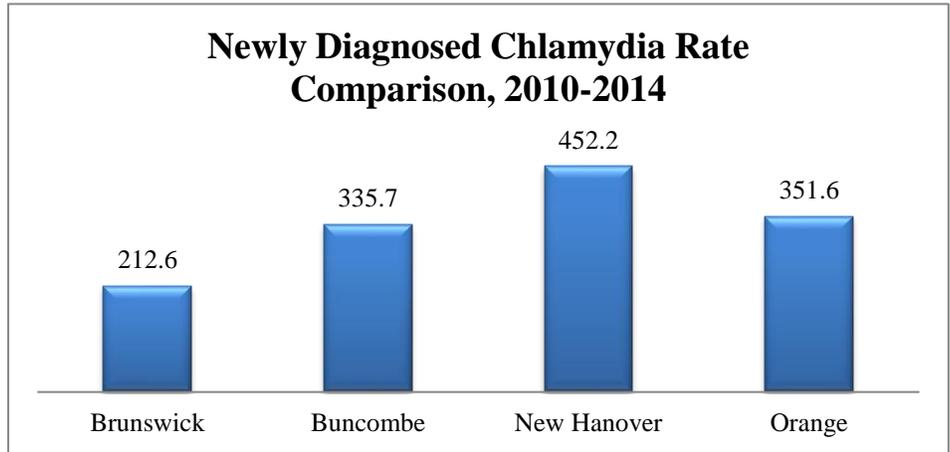


WOMEN: Considering all types of alcoholic beverages, how many times during the past 30 days did you have 4 or more drinks on any occasion?



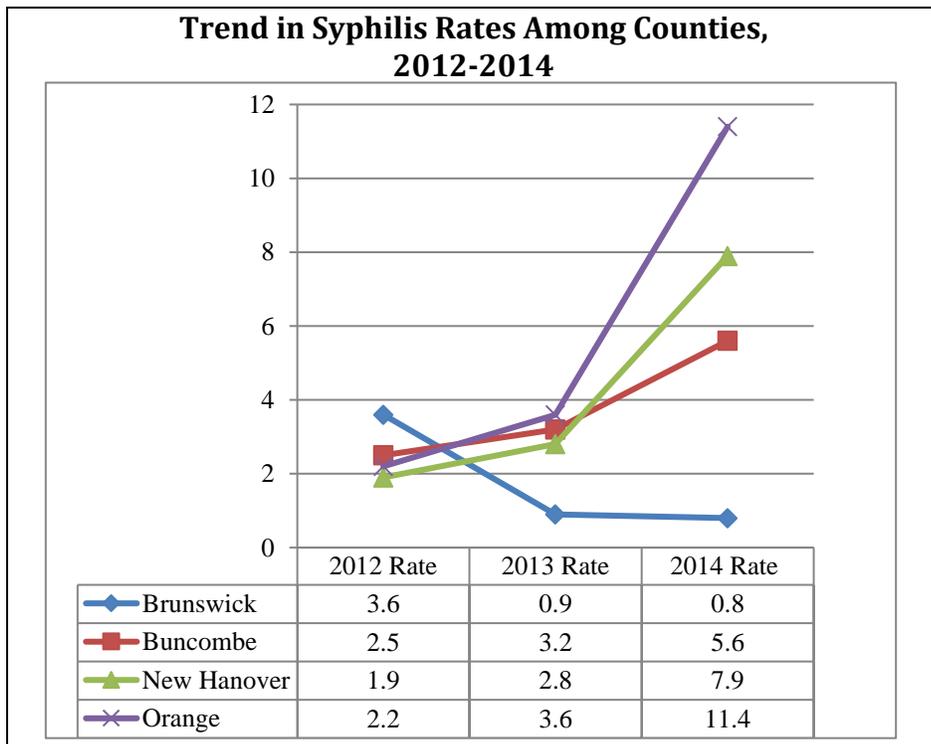
Sexual Health

In 2014, newly diagnoses syphilis and chlamydia rates in New Hanover County were higher than most of its peer counties. The average rate for new syphilis diagnoses was 7.9 per 100,000 persons; higher than two of its peer county syphilis rates (range: 0.8-11.4) for the same year. The 2014 rate of



chlamydia was (462.8) according to the state’s electronic disease surveillance system which is higher than all of its peer counties (range: 212.6-351.6) for the same year. ⁹

Emerging issues can be found in the syphilis rate trends over the past three years. When considering New Hanover County syphilis rates, we are seeing a rise in the number of new cases in the county.



In 2012, the rate was 1.9 per 100,000 persons then climbed to 2.8 in 2013 and finally 7.9 in 2014. Peer counties, except for one, have also seen an increase in syphilis rates in their county during the same time period.

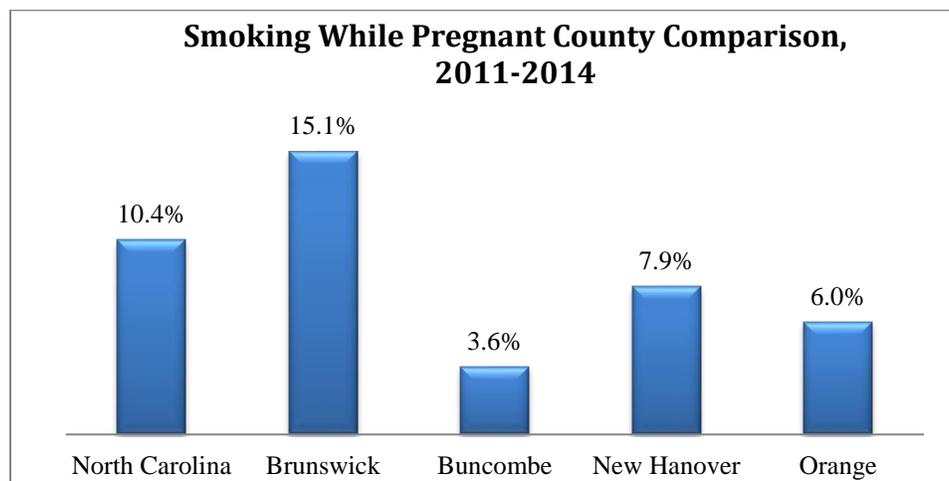
The number of newly diagnosed AIDS rates for 2014 in New Hanover County was 3.3 per 100,000 persons. This rate is lower than all three of its peer counties for the same year

(range: 4.3-5.7) and much lower than the state rate of 7.2 per 100,000 persons. ⁹ When asking health opinion survey respondents if they’ve ever had an HIV test done, half said they have had an HIV test in their lifetime (809 or 51%).

Maternal and Child Health

When considering the infant_mortality and racial disparity rates in New Hanover County, African American infants were affected at a rate of 13.5 per 1,000 live births; that's more than three times higher than that of their Caucasian counterparts (4.0) in 2013. ¹¹

Another measure that speaks to maternity and child health includes mothers who smoke during pregnancy. During 2011-2014 some 7.9% of women smoked during pregnancy in New Hanover County which is higher than two of its peer counties (range: 3.6-15.1) but lower than the state percentage (10.4). NC DHHS State Center for Health Statistics, 2011-2014.¹¹



Health Care Access and Utilization

Access to comprehensive, quality health care services is important for the achievement of health equity and for increasing the quality of a healthy life for everyone.³

Looking at health care access and utilization, most health opinion survey respondents indicate that they do have a primary care physician (84%) and when sick, seventy percent (70%) say they visit the doctor's office most frequently. Only thirteen percent (13%) indicated they had trouble in the last 12 months receiving health care.

Additionally, of the thirteen percent (13%) of respondents who said they didn't visit the dentist in the past year, seventy-four percent (74%) of people cited concern about being able to afford the costs as their number one reason for not visiting the dentist.

Eighty-six percent (86%) of the residents who took the survey said they did have health insurance coverage in the past 12 months. Sixty percent (60%) of those individuals indicated they had a private health insurance plan that was purchased from employer or workplace. Some 87% of residents stated during the past 12 months they had no problem getting the health-care they needed. But for those who say they did have trouble accessing health care, 49% say the reason was because they couldn't afford out-of-pocket cost and 34% said that insurance didn't cover what they needed.

Emergency Preparedness

About half of the respondents (765 or 49%) reported having a person certified in cardiopulmonary resuscitation (CPR) living in their homes. At 46% and 18% respectively, television and smart phones were cited as the most frequent source that citizens turn to for disaster related information.

Most people, 92% said preparation, planning, and emergency supplies are the components that are needed in order to best handle an emergency situation.

In the event of a mandatory evacuation only 13% said they would not be able to evacuate. They cited the main reasons as concern about traffic jams (21%) and their concern about leaving property behind (18%).

Trend Analysis

When reviewing the State Center for Health Statistics Data, the rates for newly diagnosed early syphilis continue to climb in New Hanover County with 1.9 in 2012, then 2.8 in 2013, and 7.9 in 2014. ¹¹

According to the 2015 County Health Rankings, there are certain health indicators where New Hanover County is improving, staying the same and getting worse: ¹²

Improving in the areas:	
Violent crime Rate (per 100,000 persons) 501 469 427	2008-2012
Years of Potential Lost before age 75 (age-adjusted per 100,000 persons) 6,525 6,209	2008-2012
Preventable Hospital Stays for ambulatory-care sensitive conditions per 1,000 Medicare enrollees 42 45 42	2010-2012
Unemployment 9.9% 9.2 % 7.8%	2011-2013
Staying the same in the areas:	
Adult Smoking Percentage 18% 18% 18%	2005-2012
Air pollution - particulate matter in micrograms per cubic meter in a county PM 12.8 PM 11.9	2008 & 2011
Adult Obesity Percentage (BMI of 30 or greater) 26% 26% 25%	2009-2011
Excessive Drinking 18% 18%	2005-2012
Diabetic Monitoring Medicare enrollees ages 65-75 that receive HbA1c monitoring 92% 91% 92%	2010-2012
Mammography Screening Percentage 77% 74% 75%	2010-2012
Getting worse in the areas:	
New Chlamydia Diagnosis Rate (per 100,000 persons) 344 572 511	2010-2012
Children in Poverty Percentage 18% 23% 24% 22% 24%	2008-2013
Severe Housing Problems Percentage (with at least 1 of 4 housing problems: overcrowding, high housing costs, or lack of kitchen or plumbing facilities) 20% 21%	2006-2011

Healthy North Carolina 2020 Goals

Healthy NC 2020 serves as our state's health improvement plan, which will address and improve our state's most pressing health priorities. The Healthy North Carolina 2020 health objectives address all aspects of health with the aim of improving the health status of every North Carolinian. After analyzing the primary and secondary data, there are some emerging issues that may lead to the creation of common goals that meet national, state and local objectives:

- Reduce the unintentional poisoning mortality rate
- Reduce the infant mortality racial disparity between whites and African Americans
- Reduce the percentage of women who smoke during pregnancy
- Reduce the suicide rate
- Reduce the percentage of positive results among individuals aged 15-24 tested positive for chlamydia.
- Reduce the rate of new HIV infection diagnoses
- Reduce the colorectal cancer mortality rate
- Increase the percentage of adults who are neither overweight nor obese
- Reduce the percentage of traffic crashes that are alcohol-related
- Decrease the percentage of individuals living in poverty

Community Concerns/Health Priorities

After the community and existing data was analyzed, the general public was invited to provide feedback on the data and help to determine the top three health priority areas. The group gave consideration to three ranking criteria: magnitude of the problem, seriousness of the problem and feasibility for solution. The following priority areas emerged:

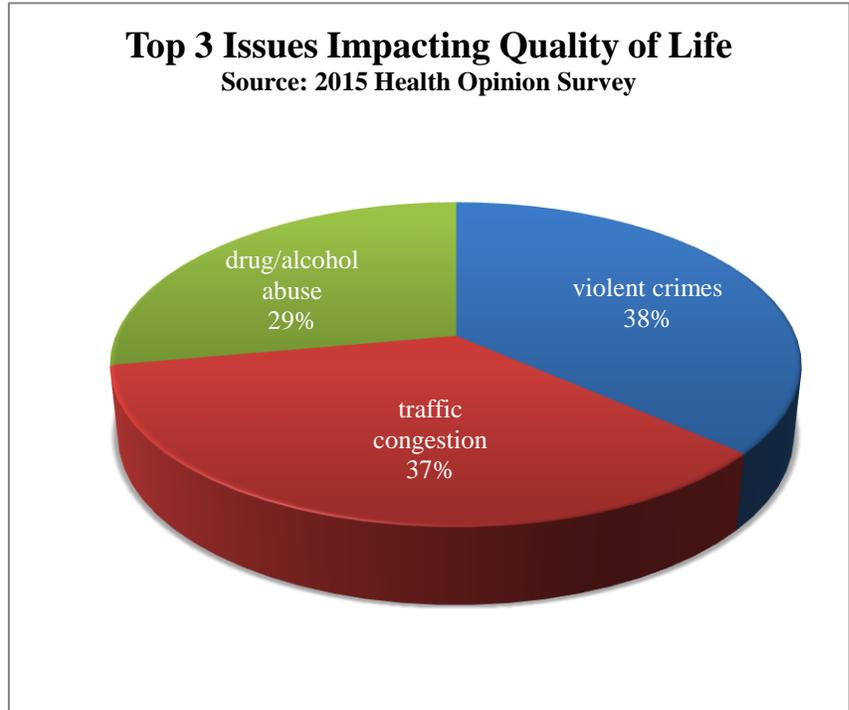
- Reduce obesity
- Reduce excessive drinking/alcohol-related traffic crashes
- Reduce unintentional poisoning death rate

Chapter 4: Community Resources & Needs

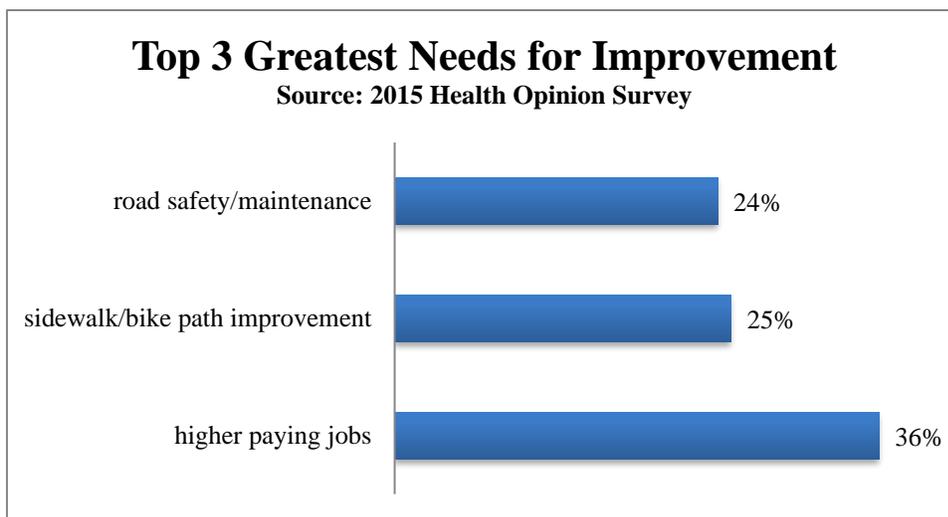
Health Promotion Needs

According to New Hanover County residents the health problems that are most significantly impacting quality of life include: violent crimes (38%), traffic congestion (37%), and drug/alcohol abuse (29%).

When considering their communities, health opinion survey respondents listed higher paying jobs (36%) as the greatest need for improvement in their community. This was followed by sidewalks/bike paths improvements (25%) and road safety/maintenance (24%).



When asked what topics people in their communities need more information about, the top responses were substance use/abuse (27%); followed by safe driving skills and crime prevention tied at twenty-four percent (24%).



Health Promotion Resources

The following resources are specific to the top three health priorities identified in the CHA. These are not exhaustive lists of resources in New Hanover County. For a more up-to date listing of New Hanover County resources, please view the county resources guide in the appendix section.

- Reduce obesity
- Reduce unintentional poisoning death rate
- Reduce excessive drinking rates and alcohol-impaired driving deaths

Obesity

New Hanover County Health Department ***Breastfeeding Peer Counselor Programs*** are an evidence-based intervention that increases both initiation and duration of breastfeeding; especially in vulnerable populations already at risk for the diseases that breastfeeding is known to reduce: obesity, diabetes, asthma as well as certain cancers in both children and their mothers. Peer Counselors are women from the target population who have breastfed their own infants and are especially trained to support prenatal and breastfeeding women and their families. They give basic breastfeeding information, following up with mothers until they wean their babies. They also refer mothers to other health care providers when needed.

The New Hanover County Health Department hosted a seminar entitled ***Kick start Obesity Prevention in Infants***. In the seminar, participants learned about infant-feeding practices by addressing common “trigger” behaviors for overfeeding. The seminar provided skills and tools needed for health care professionals to better understand the basics of normal infant development and behavior and to use research-based counseling techniques to successfully drive behavior change.

New Hanover County Health Department ***Health Promotion Division*** works to collaborate with partners throughout the community, such as worksites, schools, faith communities, businesses, families, and individuals to promote healthy lifestyles and wellness rich environments. The goal is to encourage policy and environmental changes that will support increased physical activity, healthy eating, disease prevention, injury prevention, and tobacco use prevention/cessation in the community. This program synthesizes local and state health data to create the quarterly, annual reports for the health department as well as the state required State of the County Health Report (SOTCH) and the Community Health Assessment (CHA).

The ***Obesity Prevention Initiative*** (OPI) is a diverse community collaboration that was established in 2005 through Cape Fear Healthy Carolinians to increase the healthy weights of Cape Fear residents. The Obesity Prevention Coalition meets quarterly to respond to current needs and emerging issues.

Food Access: Feast Down East (FDE) is providing Fresh Markets and affordable produce box programs at 4, soon to be 5, public housing communities in the city of Wilmington. FDE Fresh Markets are mini farmers’ markets set up at Hillcrest and Rankin Terrace. The affordable produce box program, called Build-A-Bag, enables residents to order what they want and it is delivered to their communities. This is happening at Solomon Towers and

Glover Plaza (soon to include Creekwood). Food is sourced from local small-scale farmers working with the FDE Food Hub in Burgaw. Produce is priced wholesale or below. EBT/SNAP is accepted at all these markets. This is the only local farmers' market accepting EBT/SNAP.

Nutrition/Cooking Education: Access is one piece of the puzzle. Knowing how to incorporate fresh seasonal produce into your diet is another. Feast Down East offers Nutrition/Cooking classes to residents and their children. The VISTA and Community Health Intern administer the program classes. The administrators hold one to two classes per semester. Feast Down East has conducted 5 afterschool gardening/cooking programs, 4 adult nutrition/cooking classes and 3 parent/guardian & child nutrition/cooking classes during 2014-2015.

FoodCorps: FDE has two FoodCorps service member working in high needs elementary schools in New Hanover and Brunswick counties, one in each. The service member is teaching garden-based curriculums in the classroom, building and maintaining school gardens and working with the child nutrition staff to increase fresh fruits and vegetables in the school cafeterias. FDE is teaching kids about local agriculture, where their food comes from, how to eat healthy, how to grow food and a whole lot more.

Three NHCS schools received awards for their implementation of **School Wellness Programs** as outlined by guidelines from the Alliance for Healthier Generations. Holly Shelter Middle School won Silver. Forest Hills Elementary and Murray Middle won Bronze.

Wilmington Health has initiated an evidence-based approach to addressing the childhood weight problem called **Family Fitness Challenge**. It is an eight-week family plan, designed to not only treat children who are currently at an unhealthy weight but also to help prevent children from becoming an unhealthy weight.

Cape Fear Community College introduced their new Fitness Walk Course with a ribbon cutting ceremony in December 2014. The course loops throughout the urban campus, encouraging both students and citizens to get active. Additional fitness equipment was installed in 2015.

Photo Credit: /Nelle Rusetti, Wilmington Health



2014 Student Fitness Challenge Participants
2nd Graders from Carolina Beach Elementary

Staff from Wilmington Health partnered with UNCW Faculty to implement the **Student Fitness Challenge** with second graders and fourth graders at Carolina Beach Elementary and Sunset Park. The class met weekly for presentations on various topics relating to childhood obesity. The program involved playing inter-active games with the families, exercising as a group, and giving different challenges to the families for upcoming weeks. At the conclusion, the 8 week program showed that there was a statistical impact on the body mass index (BMI) of children who participated. The participants were given water bottles, healthy

portion plates, dried fruit, T-shirts and kids cookbooks).

In coordination with the School Health Advisory Council (SHAC) the NHC Board of Education adopted Policy 4405 in September 2014. All Food Sold in Schools will include this language: Schools may sell food and beverages that meet the Nutrition Standards for All Foods Sold in School as required by the Healthy, Hungry-Free Kids Act of 2010 and dubbed the “**Smart Snack Rule**”. Items may be sold to students after the cafeteria closes for the day through thirty (30) minutes after the dismissal bell. Policy Change: No beverages or snack vending will be available to K-5 students. Vending food items for grades 6 – 12 must meet the “Smart Snack Rule” during the instructional day.

New Hanover County Health Department **Eat Smart Move More program** is guided by North Carolina and national health objectives through the partnership of Eat Smart Move More North Carolina. Eat Smart Move More NC is a statewide movement that seeks to increase healthy eating and physical activity opportunities wherever North Carolinians live, learn, earn, play and pray.

Unintentional Poisoning

University of North Carolina –Wilmington (UNCW’s) **CROSSROADS High School Drug Prevention Program** provides high school students and staff with a highly interactive, evidence-based approach to preventing drug use.

New Hanover Regional Medical Center Trauma Services and Injury Prevention Program provide outreach events in efforts to educate residents on ways to prevent injuries. As part of the Trauma Center’s mission, the staff reaches out to the community to provide education on preventing injuries or minimizing their seriousness. Bicycle Helmet Fittings and Giveaways, Safety Coloring and Activity Book Giveaways, Informational Sessions

The mission of the **Safe Kids Cape Fear Coalition** is to reduce the number of unintentional deaths and injury to children ages 0-19 years in New Hanover, Brunswick and Pender County through prevention, intervention and education. Safe Kids organizes at least 52 events a year regarding injury prevention topics highlighting one of the five focus areas: Vehicle (Traffic) Safety, Fire Safety, Poison Prevention, Bike/Helmet Safety, and Water Safety for a wide community audience.

New Hanover County **Child Fatality Prevention Team’s (NHC CFPT)** mission is to promote the development of a community wide approach to understanding the causes of childhood fatalities, identify the deficiencies in public services to children and families, and to make and carry out recommendations for change to prevent future childhood deaths.

North Carolina Harm Reduction Coalition (NCHRC) Harm reduction refers to a range of public health policies designed to reduce the harmful consequences associated with drug use, sex work and other high risk activities. Some of the programs NCHRC provides include overdose prevention clinic, naloxone access and overdose prevention programming, corrections services train people living and residing in corrections with trainings on overdose prevention, naloxone access, harm reduction and hepatitis. They also provide referrals to drug treatment, health services, mental health services, sexual assault support agencies, domestic violence support services, hepatitis medical services and AIDS service agencies.

NC Tobacco Use **Quitline** Toll free phone number for free confidential one on one support for quitting tobacco. 1-800-QUIT NOW (1-800-784-8669)

Excessive Drinking + Alcohol-impaired driving deaths

Cape Fear Coalition for a Drug Free Tomorrow The Cape Fear Coalition For a Drug-Free Tomorrow came together in May of 2008 as a result of the US Surgeon General's call to action for addressing underage alcohol use. The Coalition is comprised of community based organizations, businesses, schools, youth, and family members. The goal of the initiative is to reduce alcohol and substance abuse by youth in New Hanover County, NC.

Coastal Horizons Center, Inc. Referrals for NHCS students who are first-time violators of the NHC Board of Education Policies (8410) concerning substance (alcohol and other drugs) use, involve an interview to determine appropriate substance abuse services in lieu of a long-term suspension.

Wilmington Treatment Center was founded more than 30 years ago by a group of men and women whose lives were impacted by addiction, Wilmington Treatment Center has become a leading provider of quality addiction treatment. With all-inclusive care available to adults age 18 and above, their center is prepared to treat patients from the detox phase of recovery until they are ready to return home, armed with the skills and confidence needed to maintain sobriety for a lifetime.

Youth Development Specialists (YDS) provide direct substance abuse/violence prevention services to NHCS students in each traditional high school through a variety of activities. YDS often serve as club advisors for a variety of peer-led prevention initiatives such as SAVE (Students Against Violence Everywhere), Teens Against Tobacco Use and Peer Mediation.

Cross Cutting

Safe and Drug Free Schools in New Hanover County Schools promotes a safe and orderly environment that supports positive youth development through the provision of Substance Abuse/Violence Prevention Services.

New Hanover County Blue Ribbon Commission on the Prevention of Youth Violence. The Youth Enrichment Zone (YEZ) is a project modeled after the Harlem Children's Zone. The goal is to transform communities one block, one area at a time by identifying, coordinating and making community resources available to reduce youth violence. (Youth Enrichment Zone Specialist to go door to door and help build relationships with families in the Youth Enrichment Zone, which targets high risk areas of violence and crime. The specialist connects families to necessary resources and is a family/school advocate with a regular presence in the Zone schools.)

Dreams Center for Arts Education offers arts programs free of charge to economically deprived students.

Gang Resistance and Education Training (GREAT) New Hanover County Sheriff's deputies educate NHCS middle school students about the dangers of gangs using thirteen, 45 minute sessions with topics including gang awareness, anger management, and resisting peer pressure.

The **Department of Social Services** provides child and adult protective services, foster care and adoption services to New Hanover County citizens.

New Hanover County Health Department and New Hanover County Schools provide **School Health Nurses** to provide health education and management of chronic conditions, including, asthma in the schools.

School Health Advisory Council (SHAC). This Council engages school staff and community members in the implementation of a coordinated school health program as described in NHC Board of Education Policy 8620

Smart Start of New Hanover County A child has about 2,000 days between birth and the start of Kindergarten. During this time in a child's life, the brain grows to 90% of its adult size and children are eager and ready to learn; therefore, their access to high quality health care and learning environments matters greatly. Smart Start collaborates with statewide and local networks of community services on behalf of children and their families in order to ensure that every child has the opportunity to enter school prepared for success.

Chapter 5: Community Concerns & Priorities

Listening sessions or focus groups gather a depth and complexity of information not always found in other methods of data collection. Participants may stimulate each other to thoughts they would not have had individually. These can yield a greater array of unanticipated responses to a question compared to a survey. Participants will tell what is important to them and how they feel about a topic rather than simply responding to predetermined categories of responses. These small group discussions also offer the opportunity to get opinions from diverse groups in the county.⁸

2015 Focus Groups As part of the New Hanover County Community Health Assessment, six groups of participants (6-10 members each) were recruited to participate in focus groups. The groups were recruited through several agencies in the community. Although flyers were created for promotional efforts, most participants stated they heard about the study from a friend. Below is the breakdown of the demographics.

The group members were chosen from the following groups: Health care professionals, College-aged; Black; Hispanic; Older adults; and Low income single parents. Prior to participation, each participant is consented. IRB approval was obtained through University of North Carolina Wilmington (UNCW).

Group	Age Range	Education	Gender	Race
Black, African Americans (n=10)	24-59	13-18	Male 40% Female 60%	Black, African American 100%
Medical Professionals (n=10)	18-61	13-18	Male 50% Female 50%	White 88% Black 12%
Hispanic (n=4)	32-51	6-14	Females 100%	Hispanic 100%
Elderly (n=9)	57-88	11-24	Females 66.6% Males 33.3%	White 78% Black 22%
Single Parents (n=6)	42-59	12-16	Male 100%	White 66.7% Black 33.3%
College Age (n=7)	18-24	13-17	Females 57% Males 43%	White 100%

The focus groups were held in a private area as determined by the hosting organization. The participants reviewed the consent forms prior to the start of the focus group, the rules were reviewed, and participants were reminded that all conversation would be recorded and transcribed.

A total of 10 open ended questions were asked of each group to facilitate the conversation about health related issues in New Hanover County. The groups were categorized by the population sub groups within New Hanover County. The groups selected included: College

age (7); Black (10); Hispanic (4); Elderly (10); single parents (low income) (7); and Health Care Professionals (9).

The top 5 concerns identified by all of the groups included: crime, traffic, cost and accessing healthcare, exercise locations. The top concerns were identified by comparing word/phrase counts along with the priority identified by the researcher.

During the focus group, the participants spent time discussing their community. Each group was able to identify the community strengths and weaknesses. Common findings reported included the need for more “health resources” by all of the groups. The group of elderly participants focused on the need for locations and activities for the youth to reduce obesity and decrease crime rates. All groups noted the number of excellent parks and programs throughout the county. “We need more signs announcing when the classes are offered.”

Access to medical care was mentioned by all groups. The groups had different ideas of how to access medical care. “If you miss two appointments, you get a letter stating that you can no longer be seen by *...certain health care facilities.*” “Each time you are seen by someone different and they don’t always speak Spanish.” “New Hanover and Wilmington Health have a monopoly in Wilmington.” These are a few of the statements that concerned the African American/Black and Hispanic, whereas the elderly and college age groups had more positive statements. “I see all of the specialist right here in Wilmington which is important to me.” “Between NHRMC and UNCW, I am able to get most of my care locally.”

Prioritization Session

On February 18, 2016 a community prioritization session was held to discuss the results of the CHA process, rank the top six health priorities and receive feedback regarding intervention/prevention programs in the future. Partners and community members were invited to hear findings and help set an action plan for the future.

A media release was sent out to promote the event widely and several organizations received an invitation to attend. A total of 22 people participated in the prioritization session.

The priority setting session began with a presentation of the CHA process, primary and secondary data and highlights of the six focus areas that the CHA Team chose as the most urgent for the county. The top six priorities were chosen based on the results of the community opinion survey, the results of the secondary data information, consideration for the state’s Healthy North Carolina 2020 objectives and with consideration for action planning steps and a sustainability plan. The CHA Team chose the following six topics to present to the group:

2015 Top Six Health Priorities

- Decrease women smoking during pregnancy
- Reduce obesity
- Reduce unintentional poisoning death rate
- Reduce excessive drinking/alcohol-related traffic crashes
- Reduce suicide rate
- Reduce colorectal cancer death rate

Following the presentation of the CHA process, each participant was given a problem importance sheet for each of the six health topics. Each problem importance sheet included primary and secondary data information for their current health topic and an area to rank each topic on a scale of 1-10. Participants were given 5-7 minutes per topic to review the written information and to rank each topic based on three criteria.

- Magnitude of the problem--How many persons does the problem affect, either actually or potentially?
- Seriousness of the problem--What degree of disability or premature death occurs because of the problem? What are the potential burdens to the community, such as economic or social burdens?
- Feasibility of correcting the problem--Is the problem amenable to interventions (i.e., is the intervention feasible scientifically as well as acceptable to the community?). What technology, knowledge, or resources are necessary to effect a change? Is the problem preventable?

After each participant scored their health topic from 1-10 for each magnitude, seriousness and feasibility category, the scores were totaled and divided by the number of participants that submitted a problem importance sheet.

Health Problem	Total Score/ #Participants	Average
Reduce obesity	392/16	24.5
Reduce excessive drinking/alcohol-related traffic crashes	392/16	24.5
Reduce unintentional poisoning death rate	386/16	24.1
Decrease women smoking during pregnancy	359/16	22.4
Reduce suicide rate	335/16	20.9
Reduce colorectal cancer death rate	314/16	19.6

The CHA Team took the community feedback to the Board of Health on March 2, 2016 for feedback and approval. The following were agreed upon as the top three priorities in the county:

- Reduce obesity
- Reduce excessive drinking rates and alcohol-impaired driving deaths
- Reduce unintentional poisoning death rate

Next Steps

Following the completion of the CHA, the CHA Team will work with various community partners to develop a plan of action for addressing the top three priority health issues. The action plans will be the guiding framework for the next four years until another community health assessment is conducted to determine new priorities if needed. During the years the CHA is not conducted, a State of the County Health Report (SOTCH) is compiled to report the progress made toward improving health outcomes for each of the priority areas chosen.

Sources & Literature Cited

1. American Family Survey, US Census Bureau, 2010
<http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml?src=CF>
Accessed December 4, 2015.
2. AccessNC <http://accessnc.commerce.state.nc.us/>. Accessed January 12, 2016.
3. Healthy North Carolina 2020 <http://publichealth.nc.gov/hnc2020/> Accessed December 19, 2015.
4. New Hanover County Health Department of Social Services Annual Report.
<http://socialservices.nhcgov.com/wp-content/uploads/2016/02/Annual-Report-2014-2015-Highlights.pdf?2> Accessed December 19, 2015.
5. New Hanover County Schools <http://www.nhcs.net/> Accessed January 29, 2016
6. North Carolina Department of Public Instruction
<http://www.dpi.state.nc.us/docs/research/dropout/reports/2013-14/713countsrates.pdf>
Accessed December 19, 2015.
7. North Carolina Cancer Registry, Cancer Incidence Rates for 2008-2012
<http://www.schs.state.nc.us/schs/CCR/incidence/2013/5yearRates.pdf> Accessed January 20, 2016.
8. North Carolina Division of Public Health
<http://publichealth.nc.gov/lhd/cha/docs/2012GuideBook/12gb-phase5.pdf> Accessed February 12, 2016.
9. North Carolina Electronic Disease Surveillance System (NC EDSS) Accessed July 6, 2015.
10. North Carolina Department of Justice <http://www.ncdoj.gov/getdoc/9d422e2e-5ee4-4b6a-a175-90b948e857a0/2012-Annual-Summary.aspx>
11. North Carolina State Center for Health Statistics, <http://www.schs.state.nc.us/data/>
Accessed December 4, 2015.
12. The Robert Wood Johnson Foundation and University of Wisconsin Population Health Institute County Health Rankings <http://www.healthrankings.org>. Accessed January 29, 2016.
13. U.S. Census Bureau Quick Facts. 2010-2014 <http://www.census.gov/quickfacts/>. Accessed February 1, 2016.
14. U.S. Census Bureau Small Area Income and Poverty Estimates
<http://www.census.gov/did/www/saipe/data/interactive/saipe.html> Accessed January 12, 2016.
15. Wilmington Downtown, Official Tourism Site
<http://www.wilmingtonandbeaches.com/wilmington>, Accessed October 22, 2015.

Acknowledgements

On behalf of the CHA Team special thanks goes to the following community agencies and partners for their support and participation in the 2015 New Hanover County Community Health Assessment.

Agencies and Community Partner Collaborations

- Blue Ribbon Commission on the Prevention of Youth Violence
- Boys and Girls Club
- Cape Fear Community College
- City of Wilmington
- City of Wilmington Fire Services
- Coastal Horizons Center
- Faith-community
- Feast Down East
- Med North Health Center
- National Association for the Advancement of Colored People (NAACP)
- National Active and Retired Federal Employees Association (NARFE)
- New Hanover County Communications & Outreach
- New Hanover County Emergency Management
- New Hanover County Government
- New Hanover County Finance
- New Hanover County Library
- New Hanover County Schools
- New Hanover County Senior Center
- Northside Resource Center
- North Carolina Harm Reduction
- Pacifica Senior Living Wilmington
- Smart Start of New Hanover County
- South East Area Health Education Center (SEAHEC)
- Town of Carolina Beach
- Trillium
- University of North Carolina at Wilmington
 - Obesity Prevention Initiative
 - School of Nursing Students
 - Health Education Students
- United Way of the Cape Fear Area
- Wilmington Family YMCA
- Wilmington Health Access for Teens (WHAT) Center
- Wilmington Housing Authority
- Wilmington Treatment Center

Community Health Assessment (CHA) Team

NHCHD Health Programs Administration
University of North Carolina at Wilmington
New Hanover County Government
New Hanover Regional Medical Center

Health Programs Administration

Joshua Swift, Deputy Health Director
Angelia Clinton, NHCHD Health Promotion Supervisor
Richelle Fonville, NHCHD Health Educator
Julia Phelps, NHCHD Health Educator
Brittany Howell, NHCHD Health Promotion, Intern
D'Angela Wrisborne, NHCHD Health Promotion, Intern

New Hanover County Regional Medical Center

Iris Baker, NHRMC Outreach Coordinator

University of North Carolina at Wilmington

Dr. Sarah Lawson, Associate Nursing Professor
Nick DiAmico, UNCW Nursing Student
Caroline Dawkins, UNCW Nursing Student

New Hanover County Government

Beth Schrader, Chief Strategy and Budget Officer
Phil LaMotte, NHC Fellow

An electronic version of this report is available on the
New Hanover County Health Department website:
www.health.nhcgov.com/reports

Acknowledgements

A special thanks to all of the community partners who helped to make the 2015 Community Health Assessment possible. With your continued commitment and exemplary efforts, you create a culture of health in Southeastern North Carolina. Together, we establish and enhance the county's disease prevention, health promotion and environmental health practices that support the county's mission: to meet the needs and concerns of our citizens today and tomorrow.

Credits

Research, analysis and data book development by Dr. Sarah Lawson, University of North Carolina at Wilmington.

Report development, visual art, graphic design and production by Angelia Clinton, New Hanover County Health Department

Contact Information

For questions or ideas on how to improve the Community Health Assessment: (910) 798-6548 or aclinton@nhcgov.com

Website: www.health.nhcgov.com

Facebook: www.facebook.com/NHCHealth/

Twitter: <https://twitter.com/nhchealth>

Address: 2029 South 17th Street, Wilmington, NC 28401



2015 Focus Group Questions

1. In New Hanover County, how do residents 18 years or older perceive: quality of life, health related services, needed improvements, and where they get their health related information?
2. How do you perceive your health status? (Consider factors of income, co-morbidities, access to healthcare, age and race).
3. In terms of health promoting activities, do you think they help to improve perceived health?
4. In terms of unhealthy activities such as heavy or binge drinking, cigarette use, e-cigarette, unsafe sex practices, what types of effects on health are we seeing? What do you think the county's role should be in addressing these unhealthy behaviors?
5. Is there a change in perceived health status based on unhealthy activities?
6. Where do you think the county should focus educational resources?
7. Which specific groups do you think the county needs to focus educational resources on and why?
8. Where are children under the age of 12 being cared for in your opinion? Do you think the county offers enough resources for affordable licensed daycare?
9. When looking at specific activities for children such as screen time, exercise, sugar intake, access to care, how do you think the county should focus the educational resources to affect change?

2015 Community Resources

The following community resources lists have been provided for the following topic areas:

- ❖ Clinics
- ❖ Dental
- ❖ Employment
- ❖ Eye care
- ❖ Housing
- ❖ Maternal Health and Breastfeeding
- ❖ Medical
- ❖ Mental Health
- ❖ Occupational Therapy
- ❖ Parks
- ❖ Pregnancy & HIV Testing
- ❖ Special Needs
- ❖ Speech
- ❖ Transportation
- ❖ Youth and Family
- ❖ Websites

This list was created by New Hanover County Health Department in December 2015. This resource list will be maintained by the NHCHD and revised annually. If you would like a copy of the most current Community Resources guide, please visit the health department website health.nhcgov.com

Clinics

Agency	Address	Phone	Other
Cape Fear Clinic	1605 Doctor Circle Wilmington, NC 28401	910-343-8736	Wednesday 4:00 pm – 8:00 pm. Dental Clinic is every other Wednesday and must be pre-screened thru the health clinic. Must meet income guidelines and have no other insurance. Some prescription assistance available. Must be referred by the health clinic for the diabetic clinic.
Med North	925 North 4 th Street Wilmington, NC 28401	910-343-0270	Monday through Friday 8:00am – 5:00pm. Saturday Walk-In Clinic 9:00am – 12:00 Noon. Sliding fee scale – bring last 2 pay stubs or a copy of a tax return. Depending on funding may have pharmacy services available.
Wilmington Health Access for Teens	4005 Oleander Drive Wilmington, NC 28403	910-790-9949	Monday, Wednesday, and Friday 8:30am – 6:30pm, and Tuesday 8:00 am – 8:00 pm. Walk ins Accepted, Sliding fee scale. Accepts Medicaid & Health Choice. Serves ages 13-23. Peer Health Counselors available.

Dental

Name	Specialty	Address	City	Phone Number	Restrictions
Brush Dental Care	General Dentist	414 Chestnut Street, Suite 301	Wilmingon	910-762-1212	Medicaid/ Health Choice ages 2 & up (Adults)
Butler, Richard	General Dentist	4837 Carolina Beach	Wilmingon	910-799-9916	Medicaid/ Health Choice ages 3 & up (Adults).
Carolina Oral & Facial Surgery Center	Oral Surgeon	1122 Medical Center Drive	Wilmingon	910-762-2618	Dental referral only 14 & up
Community Dental Care	General Dentist	1611 Greenfield Street	Wilmingon	910-342-9210	Medicaid/ Health Choice ages 4 & up (Adults) (No sliding scale).
Dimock and Weinberg	Peds Dentist	3505 Converse Drive, Suite 175	Wilmingon	910-794-2266	New patients ages 5 and under with referral Only for Medicaid
Fry, Douglas DDS	Peds Dentist	2203 Delaney Ave. (Will be moving)	Wilmingon	910-762-7736	New patients ages 6 and under
Gause, Roger DDS	General Dentist	415 North 7th Street	Wilmingon	910-762-5961	Medicaid/ Health Choice ages 2 & up (Adults)
Hasson, Michael DDS	Oral Surgeon	1221 Floral Parkway Suite 101	Wilmingon	910-793-0440	Medicaid ages 10 & up, referral preferred
Kelly, Robert DDS	Peds Dentist	1635 Doctors Circle	Wilmingon	910-343-1735	New patients ages 2-5 with Medicaid.
Mancini, Kevin	Orthodontist	16406 US Hwy 17N	Hampstead	910-270-3334	By Referral
Milligan, Laris DMD PA	General Dentist	2250 Shipyard Bloulevard Suite 14	Wilmingon	910-799-5000	Medicaid/ Health Choice ages 1-18
Naik-Azizi, Safia	General Dentist	215 Racine Drive Suite 102	Wilmingon	910-332-0687	Not accepting Medicaid. Health Choice All ages
New Hanover Community Health Center	General Dentist	925 North 4th Street	Wilmingon	910-343-0270	Medicaid/ Health Choice/Uninsured All ages
NHC Health Department Mobile Dental Unit	Peds Dentist	2029 South 17th Street	Wilmingon	910-512-3113	Medicaid/Health Choice/Uninsured ages 3-18
Pierce, Hunter	General Dentist	1902 Glen Mead Road	Wilmingon	910-762-0991	Medicaid/Health Choice ages 12 & up (Adults)
Ronald E. Robinson, DDS, P.A.	General Dentist	2520 Delaney Avenue	Wilmingon	910-762-1772	Medicaid/ Health Choice ages 5 & up (Adults)
Tyson and Heaney, DDS PA	Peds Dentist	2606-200 Iron Gate Drive	Wilmingon	910-791-7380	Developmentally disabled children
White, Halley DDS, MPH	Peds Dentist	8115 Market Street	Wilmingon	910-686-1869	New patients ages 4 and under with referral
Wilmington Dental Care (Dr. Fowler)	Peds Dentist	2520 North College Road	Wilmingon	910-790-3836	Medicaid / Health Choice ages 1-20. Accepts all insurances.
Wulf, Walter DDS	DDS/ Dentures	2253 Carolina Beach Road	Wilmingon	910-343-0830	No children (extractions, dentures/ partials only)

Employment

Agency	Address	Phone	Other
Adecco Staffing	2709 Market Street Suite 107A	910-343-8763	Full Service
Greene Resources	5036 New Centre Drive	910-251-0505	Professional & Executive Placements
Kelly Services	2508 Independence Blvd	910-799-8250	Full Service
Labor Ready	1115 South 3 rd Street	1-888-24LABOR or 910-772-1441	Day Labor
Powertemp Service	1601 South College Rd	910-452-5141	
Premier Staffing Solutions	3806 Park Avenue	910-793-1010	Adm/Medical/Library/Executive
YS Companies	2517 Delaney Avenue	910-799-0103	Full Service
Christian Job Corp	Wilmington Baptist Association	910-350-0766	Their goal is to help women in need.

Eye Care

Name	Specialty	Street Address	City	Phone Number
Atlantic Vision Center	Opt	3910 Shipyard Blvd	Wilmington	910-799-0478
Brown Surgical Eye Care	Surgical Oph	1717 Shipyard Blvd Suite 140	Wilmington	910-796-8600
Coastal Cape Fear Eye Associates	Oph	1915 Tradd Court	Wilmington	910-762-0057
Coastal Carolina Eye Clinic	Oph	1120 Medical Center Drive	Wilmington	910-763-7316
Coleman & Whittemore	Opt	919 South 16th Street	Wilmington	910-762-4004
Cooper Optometry Group*	Opt	Independence Mall w/ LensCrafters Eye exam only	Wilmington	910-452-3290
Crystal Vision	Opt	5611 Carolina Beach Road	Wilmington	910-790-0212
Catino Eye Care	Opt	8116 Market Street Suite 100	Wilmington	910-686-8000
Dr. Arnold Sobol	Opt	251 North Front Street	Wilmington	910-762-2020
Dr. Daniel Mottola*	Opt	4908 Wrightsville Avenue	Wilmington	910-791-2755
Dr. Jonathan Jackson	Opt	Inside Wal-Mart Monkey Junction	Wilmington	910-793-1157
Dr. Michael Goins	Opt	5030 Randall Parkway	Wilmington	910-392-0270
East Coast Optometric Associates	Opt	Inside Wal-Mart Market Street	Wilmington	910-793-1517
Eye Care Center	Opt	3901 Oleander Drive	Wilmington	910-395-2772
Family Vision Clinic*	Opt	4514 Oleander Drive	Wilmington	910-392-4414
Fanelli Eye Associates	Opt	5311 South College Road	Wilmington	910-452-7225
My Eye Dr.	Oph	3501 Oleander Drive Suite 7	Wilmington	910-254-9292
My Eye Dr.	Opt	201 Racine Drive	Wilmington	910-395-6050
My Eye Dr.	Opt	6825 Parker Farm Road	Wilmington	910-452-0554
Omni Eye Specialist	Opt	818 B Pine Grove Drive	Wilmington	910-793-2010
Port City Eye Associates*	Opt	8262 Market Street	Wilmington	910-686-3396
Retina of Coastal Carolina	Retna specialist	1801 New Hanover Medical Park Drive	Wilmington	910-254-2023
Wilmington Eye	Oph	1729 New Hanover Medical Park Drive	Wilmington	910-763-3601
Wilmington Optometry, P.A. (Dr. Weaver)	Opt	1205 Floral Parkway	Wilmington	910-791-6086

Housing

Agency	Phone	People Serves	Program For:	Other
First Fruit Ministries Discipleship Program	910-612-1653	Men Only	Transitional Program, Living Skills/ Recovery	12-month program. No charge. Christian counseling: life-skills training.
First Fruit Ministries 2750 Vance Street	910-343-6078	Women and Families	Transitional Program, Living Skills/ Recovery	12-month transitional program, life skills, counseling. (\$50 a week after 1 st week)
The Center Of Hope	910-762-7354	Men, Women, and Families	Homeless	6 month program for homeless. Budgeting, life skills, vocational training. \$8 a day.
Kelly House	910-763-3524	Women Only	Recovery From Substance Abuse	For pregnant women or women with one child under age one. (Medicaid eligible)
SGT. Eugene Ashley (c/o Transitional)	910-362-0292	Men Only	Homeless Veterans	18 – Month transitional program for homeless

Program)				veterans. 30% of income
Steeping Stone Manor	910-762-1743	Men Only	Recovery From Substance Abuse	3-6 month recovery program with individual & group counseling. \$200 entry + \$80 a week.
Willow Ponds Apartments	910-763-7709	Families	Low Income	Up to 5 years in program. Current waiting list is 6 months;\$475 2-bedroom \$525 3-bedroom
Day and Night Shelters				
Agency	Address	Phone	Program For:	Other
Domestic Violence Shelter		910-343-0703	In Imminent Danger	24 Hours Crisis Line Emergency shelter, crisis intervention, peer support, court advocacy.
Good Sheppard House Day Shelter	811 Martin Street	910-763-4424	MEN, WOMEN, FAMILIES	7am – 3 pm Monday – Friday Job placement, showers, clothing, lunch, mail address, telephone service.
Open House Youth Shelter	615 Shipyard Boulevard	910-392-7408	Youth Ages 8-17 Years Old	24 Hours everyday Emergency shelter, meals, crisis intervention. (Intake at 615 Shipyard Blvd)
Rescue Mission Night Shelter	502 Castle Street	910-343-0366	Men Only	5 pm – 9 pm One night shelter with dinner (5pm) & breakfast.(90-day Christian program available)
Salvation Army Night Shelter	820 North 2 ND Street	910-762-7354	Men, Women, Families	24 Hours everyday Emergency shelter, meals, counseling.(\$8 a day after first free week)
Wilmington Interfaith Hospitality Network Night Shelter	411 North 4 TH Street	910-762-0339	Families and Single Women	7:30 am – 5 pm Monday-Friday (office)Emergency shelter, meals (up to 8 weeks) Intake at office
Permanent Housing				
Agency	Phone	People Served	Program For:	Other
Cape Fear Hotel Apartments	910-762-0487	Men & Women	Senior Citizens or Disable	91 Apartments, waiting list 0-3 months, 30% of adjusted income.
Habit For Humanity 1208 Street 3 rd Street	910-762-4744	Men, Women, Families	Very Low Income	With prospective homeowners, builds affordable houses with no interest mortgages.
Hadden Hall Apartments I & II	910-395-5077	Men & Women	Senior Citizens Or Mobility Impairment	2 Apartment complexes. 30% of adjusted income
Housing Authority Public Housing Program	910-341-7747	Men, Women, Families	Very Low Income	Various units in Wilmington, waiting list. 30% of adjusted income. No new applications are being taken at this time.
Housing Authority Section 8 Rental Program	910-341-7727	Men, Women, Families	Very Low Income	As of 2/17/16 the application process is closed. No new applications are being taken at this time.

Maternal Health and Breastfeeding

Agency	Phone	Address	Other
Julia Pindell Lactation Consultant	910-791-2853	108 Robert E. Lee Drive, Wilmington, NC 28403	Does Home Visit.
La Leche League of Wilmington	Elaine: (719)-393-2683 Ashton: (910)-777-3315 Alissa: (910)-297-4902 Jamie: (910)279-9535 Denise: (910)- 612-7885 Kristen: (910)-599-0070 Julia: (910)-791-2853 Norma (Habla Espanol): (910)-538-6455	http://www.llofnc.org/groups/Wilmington.html	There are four monthly meetings around town: The first Wednesday of each month @ 10:00 am. The second Saturday @ 10:00 am. The third Tuesday @ 10:00 am. The third Thursday at 7:00 pm. Locations may vary. Check the web site or call for more information.
New Hanover County Health Department	910- 798-6500	2029 South 17 th Street Wilmington, NC 28401	Monday-Friday 8:00 am -5:00 pm Pregnancy Care Management Care Coordination for Children WIC Program *(pumps, breastfeeding classes, breastfeeding help)

Medical

Name	Specialty	Street Address	Phone	Restrictions
Abrons Family Practice/Urgent Care	FM	1911 South 17th Street 130A	910-790-7840	Accepts ages 2 & up
Anjan Medical (Formerly Coastal MDs)	FM	415 South College Road Unit 18	910-793-4311	Accepts ages 16 & up
Bhat, Raja MD	IM	5106 Wrightsville Ave	910-395-6400	Accepts ages 13 & up
Carolina Geriatrics	IM	5919 Oleander Drive Suite 109	910-799-5508	Accepts ages 21 & up
Carolina Pediatrics	Peds	715 Medical Center Drive	910-763-2476	Not accepting Medicaid at this time
Children's Clinic	Peds	2421 Silver Stream Lane	910-763-2072	Accepts age's newborn- 20. Call First
Children's Clinic- North Chase	Peds	4320 Henson Drive	910-350-1787	Accepts age's newborn-18. Call First
Coastal Family Medicine Center	FM	2523 Delaney Avenue	910-763-5522	None
Coastal Family Practice & IM	FM	2207 Delaney Avenue	910-763-3481*	Accepts ages 15 & up.
Coastal Internal Medicine	IM	2032 S 17th Street Suite 101	910-796-3735	Accepts ages 11 & up.
Dawson Street Family Practice	FM	608 Dawson Street	910-667-0471	Accept all ages.
Downtown Clinic	FM	119 Chestnut Street	910-762-5588	Accept ages 6 & up.
Georgiev, Boyan MD	IM	1908 Meeting Court	910-342-9969	Does not accept Medicaid or Medicare
Hanover Internal Medicine (Gramley)	IM	1912 Meeting Court	910-342-0096	Accept ages 21 & up only.
Impuls Internal Medicine (Rafłowski)	IM	108 N Kerr Ave Suite E-1	910-395-0208	Accept ages 16 & up.

Intracoastal Internal Medicine	IM	4114 Shipyard Blvd	910-332-0701	Accepts ages 16 & up. Does not accept Medicaid or Medicare.
KidzCare Pediatrics	Peds	3505 Converse Drive Suite 200	910-392-5634	Only accepts newborn-20 years old
Knox Clinic	Peds	2304 Delaney Avenue	910-763-3349	Accepts age's newborn to 20. Accepting Medicaid.
Magnolia Family Medicine (Gutsin)	FM	1615 Doctor's Circle	910-772-1772	Accepts ages 5 & up. Accepts Medicaid For adults 21 & up.
Masonboro Family Medicine	FM	6419 Carolina Beach Road Suite A	910-790-3660	Does not accept Medicaid or BlueCross BlueShield Value.
New Hanover Community Health Center	FM	925 North 4th Street	910343-0270	None
New Hanover Medical Group	FM	1960 South 16th Street	910-343-9991	Accepts all ages. Does not accept Medicaid for new patients.
New Hanover Medical Group	FM	5145 South College Road	910-792-1144	Accepts ages newborn & up. Not Accepting Medicaid.
NHRMC Clinic-Coastal OB/GYN	OB/GYN	2131 South 17th Street	910-343-7001	Accepts ages 18 & up. Call First.
NHRMC Clinic-Internal Medicine Clinic	IM	2239 South 17 th Street	910-343-7001	Accepts ages 13 & up. Call First.
Patient Centered Care	FM	3808 Peachtree Ave	910-799-6262	Accepts ages 13 & up. Accepting Medicaid and Medicare.
Pediatric Center	Peds	1914 Glen Meade Road	910-762-2651	Accepts newborn- 18. Only accepting Medicaid for newborns.
Pelican Family Medicine (Armitage)	FM	5429 Wrightsville Ave	910-792-1001	Not accepting any new Medicaid.
Pelican Family Medicine (Armitage)	FM	5905-8 Carolina Beach Rd	910-332-7900	None
Port City Medical Association (Joyner)	FM	1230 Medical Center Drive	910-762-1190*	Accept ages 6 & up. Accepts Medicaid and Medicare.
Seaside Pediatrics (Horger)	Peds	1606 Wellington Avenue Suite E	910-452-1999	Accepts age's newborn-19 only. Accepts certain number of newborn each month with Medicaid.
Senior Health Associates	IM	1709 S 16th Street, Suite A	910-452-8633	Accepts ages 50 & up/ 21-50 if in rest home. Does not accept BlueCross BlueShield Blue Value or BlueCross BlueShield Medicare Advantage.
Shipyard Medical Center	FM	2632-3 Carolina Beach Road	910-794-3939*	Accepts ages 6 & up. Accepts all insurances.
Southeastern Medical Group	IM	637 South Kerr Avenue	910-799-1810	Accepts ages 21 & up only.
Southside Medical Center	IM	1925 Oleander Drive Suite A	910-251-7715*	Accepts age's 10 & up. Does not accept BlueCross BlueShield Blue Value.
Wilmington Health Access for Teens	FM	4005 Oleander Drive	910-790-9949	Accept ages 11- 25 only. Does not accept BlueCross BlueShield Medicare Advantage.
Wilmington Health Associates	Several	1202 Medical Center Drive	910-341-3300	Accepts most insurance.
Wilmington Health Associates- Federal Point	Several	1300 Bridge Barrier Road Unit 2	910-458-4101	Does not accept adult Medicaid or self-pay.
Wilmington Health - Porters Neck	Several	8108 Market Street Suite B	910-686-2099	The insurance accepted varies on the doctor.
Wilmington Internal Medicine	IM	2215 Canterwood Drive	910-762-4600	Accepts ages 21 & up. Does not accept BlueCross BlueShield Blue Advantage, United Healthcare Charter Compass or Navigate.
Wilmington Primary Care	FM	1990 South 16 th Street	910-762-7071	Accepts ages 21 & up. Does not accept Aetna or Cigna insurances.
Wrightsville Beach Family Medicine (Kramer)	FM	1711 Allens Lane Suite 100	910-344-8900	Does not accept BlueCross BlueShield Value or new patients with Medicaid unless sibling already a patient.

Mental Health and Substance Abuse

Name	Address	Phone
A Caring Heart Case Management, Inc.	2541 S. 17th St. Wilmington, NC 28401	910-332-3513
A Helping Hand of Wilmington	5013 Wrightsville Avenue Wilmington, NC 28403	910-796-6868
Access Family Services, Inc.	725 Wellington Avenue Wilmington, NC 28403	910-392-4881
ACI Support Specialists, Inc.	1015 Ashes Drive, Suite 107 Wilmington, NC 28405	910-763-7458
Arc of North Carolina, The	5041 New Centre Drive, Suite 100 Wilmington, NC 28403	910-792-9146
Assisted Care, Inc.	3408 Wilshire Boulevard., Suite 1 Wilmington, NC 28403	910-763-9933
Cape Fear Case Management & Counseling Services, LLC	4536 Technology Drive, Suite 2 Wilmington, NC 28405	910-399-6184
Community Support Specialists, LLC	1316 S. 16th Street Wilmington, NC 28401	910-763-3644
Delta Behavioral Health	1606 Physicians Drive Suite 104 Wilmington, NC 28401	910-343-6890
East Coast Solutions	605 Nixon St., Unit 3 Wilmington, NC 28401-6422	910-251-8930
Easter Seals UCP North Carolina & Virginia, Inc.	4130 Oleander Drive Suite 100 Wilmington, NC 28403	910-790-5921
Trillium Health Resources	3809 Shipyard Blvd, Wilmington, NC 28403	Enrollment Line 1.877.685.2415
Wilmington Treatment Center	2520 Troy Dr, Wilmington, NC 28401	Talk to a Counselor 866.385.7186

Occupational Therapy

Agency	Address	Phone	Other
Children's Developmental Services Agency	3311 Burnt Mill Dr. Suite 100 Wilmington, NC 28403	910-251-5817	OT and PT for children birth to three
Coastal Rehab Hospital	2131 South 17 th Street Wilmington, NC 28401	910-799-4199	PT and OT
Coastal Physical Therapy, Inc.	2840 S. College Road Wilmington, NC 28412	910-799-4199	PT
Creative Hands Occupational Therapy	107 South E. 14 th Street Oak Island, NC 28465	910-755-6075	OT
OT Solutions Inc.	5911 Oleander Drive Suite 100 Wilmington, NC 28403	910-313-2111	OT
Well Care	2715 Ashton Drive Wilmington, NC 28412	910-452-1555	PT and OT

Parks and Recreation

Parks in New Hanover County	Address	City	Phone
1898 Park	1018 North 3rd Street	Wilmington	910-341-7852
Alderman Park	3800 Canterbury Road	Wilmington	(910) 341-7855
Anderson Elementary School	455 Halyburton Memorial Parkway	Wilmington	(910) 798-7275
Anne McCrary Park	4000 Randall Pkwy	Wilmington	(910) 341-7852
Archie Blue Park	1306 Stanley Street	Wilmington	(910) 341-7852
Arrow Head Park (coming soon)	720 Arnold Road	Wilmington	(910) 798-7275
Ashley High School	555 Halyburton Memorial Parkway	Wilmington	(910) 798-7275
Bailey Park	20 North Front Street	Wilmington	(910) 341-7852
Beaumont Park	101 Wayne Drive	Wilmington	910-341-7852
Bicentennial Park	206 North 5th Street	Wilmington	910-341-7852
Bijou Park	209 North Front Street	Wilmington	(910) 341-7852
Blair-Noble Park	6510 Market Street	Wilmington	(910) 798-7275
Blue Clay Road Bike Park	3840 Blue Clay Road	Castle Hayne	(910) 798-7275
Boxing and Fitness Center	302 South 10 th Street	Wilmington	(910) 341-7872
Bradley Creek Elementary School	6211 Greenville Loop Road	Wilmington	(910) 798-7275
Cameron Park	245 Southern Blvd	Wilmington	(910) 341-7852
Cape Fear Optimist Park	3222 North Kerr Avenue	Castle Hayne	(910) 798-7275
Carolina Beach Lake Park	400 South Lake Park Boulevard	Carolina Beach	(910) 458-2977
Carolina Beach Recreation Center	1121 B North Lake Park Blvd	Carolina Beach	(910) 458-2977
Castle Hayne Park	4700 Old Avenue	Castle Hayne	(910) 798-7275
Church and Nun Park	1922 Nun Street	Wilmington	(910) 341-7852
City Golf Course	311 South Wallace Avenue	Wilmington	(910) 791-0558
Claude Howell Park	200 South Water Street	Wilmington	(910) 341-7852
Coastal Horizons Ropes Course	3807 Juvenile Center Road	Castle Hayne	
Cross City Trail	City- Wide	Wilmington	(910) 341-7852
Dram Tree Park	602 Surry Street	Wilmington	(910) 341-7852
Eaton Elementary School	6701 Gordon Road	Wilmington	(910) 798-7275
Empie Park	3405 Park Avenue	Wilmington	(910) 341-4631
Fit for Fun Center	302 S 10th Street	Wilmington	(910) 341-4630
Flemington Soccerplex	205 Sutton Steam Plant Road	Wilmington	(910) 798-7275
Freeman Park	1800 Canal Drive	Carolina Beach	(910) 458-2977
Godwin Ball Field	215 Shipyard Blvd.	Wilmington	(910) 343-3682
Greenfield Park	1739 Burnett Blvd	Wilmington	(910) 341-7852

Halyburton Park	4099 South 17th Street	Wilmington	(910) 341-0075
Hanover Heights Park	801 Adelaide Drive	Wilmington	(910) 341-7852
Hemenway Center Park	507 McRae Street	Wilmington	(910) 341-7833
Hoggard High School	4305 Shipyard Blvd	Wilmington	(910) 798-7275
Hugh MacRae Athletic Complex	4305 Shipyard Blvd	Wilmington	(910) 798-7275
Hugh MacRae Park	314 Pine Grove Drive	Wilmington	(910) 798-7275
Innis Park	102 North 3rd Street	Wilmington	(910) 341-7852
James E.L. Wade Park	3500 Bethel Road	Wilmington	(910) 341-7855
Kennedy Park	2108 Plaza Drive	Wilmington	(910) 341-7852
Kings Grant Park	5027 Lord Byron Road	Wilmington	(910) 798-7275
Laney High School	2700 North College Road	Wilmington	(910) 798-7275
Legion Stadium	2131 Carolina Beach Road	Wilmington	(910) 341-7855
Maides Park	1101 Manley Avenue	Wilmington	(910) 341-7867
MarStella Park	202 Marstella Street	Wilmington	(910) 341-7852
McDonald Park		Carolina Beach	(910) 458-2977
Mike Chappell Park		Carolina Beach	(910) 458-2977
Monterey Heights Park	401 Cathay Road	Wilmington	(910) 798-7275
Mothers Park	3210 Camden Circle	Wilmington	(910) 341-7852
Murray Middle School	655 Halyburton Memorial Parkway	Wilmington	(910) 798-7275
Myrtle Grove Athletic Complex	901 Piner Road	Wilmington	(910) 798-7275
Northside Park	610 Bess Street	Wilmington	(910) 341-7852
Nunalee Park	416 South 17th Street	Wilmington	(910) 341-7852
Ogden Park	600 Ogden Park Drive	Wilmington	(910) 798-7275
Olsen Park	5510 Olsen Park Lane	Wilmington	(910) 343-3682
Optimist Park	1650 S Front Street	Wilmington	(910) 341-7852
Parkwood Recreation Area	4827 Canetuck Road	Wilmington	(910) 798-7275
Rankin Park	400 North 10th Street	Wilmington	(910) 341-7852
River Road Park	6500 River Road	Wilmington	(910) 798-7275
Riverside Park	6710 Old Bridge Site Road	Castle Hayne	(910) 798-7275
Riverwalk	Nun Street (Downtown)	Wilmington	(910) 341-7852
Robert Strange Park	401 S 8th Street	Wilmington	(910) 341-7866
Roland Grise Middle School	4412 Lake Avenue	Wilmington	(910) 798-7275
Smith Creek Park- coming soon	633 Shenandoah Drive	Wilmington	(910) 798-7275
Snows Cut Bike Path		Carolina Beach	(910) 458-2977
Snows Cut Park	9420 River Road	Wilmington	(910) 798-7275
Southgate Park	201 Pershing Court	Wilmington	(910) 341-7852
Summer Rest Trail	1981 Eastwood Road	Wilmington	(910) 798-7275
Sunset and Adams Park	250 Sunset Avenue	Wilmington	(910) 341-7852

The Arboretum	6206 Oleander Drive	Wilmington	(910) 798-7660
Thomas B. Lilly Park	502 Forest Hills Drive	Wilmington	(910) 341-7852
Tower Park	910 Wooster Street	Wilmington	(910) 341-7852
Trails End Park	615 Trails End Road	Wilmington	(910) 798-7275
Trask Middle School	2900 South College Road	Wilmington	(910) 798-7275
Triangle Parks	2900 Wrightsville Avenue	Wilmington	(910) 341-7852
Veterans Park	835 Halyburton Memorial Parkway	Wilmington	(910) 798-7275
Wallace Park	2110 Market Street	Wilmington	(910) 341-7852

Pregnancy and HIV

Agency	Address	Phone
Coastal OB/GYN Center	2131 South 17 th Street Wilmington, NC 28401 (2nd Floor)	910-343-7000 (Ask for Coastal OB/GYN) 910-343-7001
Crisis Line Open House	615 Shipyard Boulevard Wilmington, NC 28412	910-392-7408
Life Line Pregnancy Center	4522 Fountain Drive Wilmington, NC 28403	910-392-0001
New Hanover Community Health Center	925 North 4 th Street Wilmington, NC 28401	910-343-0270
New Hanover County Health Department	2029 South 17 th Street Wilmington, NC 28401	910-798-6500
Planned Parenthood	1925 Tradd Court Wilmington, NC 28401	910-762-5566 Or 1-800-455-5561 Or 910-762-3497
Wilmington Health Access for Teens (WHAT)	4005 Oleander Drive Wilmington, NC 28403	910-790-9949
HIV Care Team	2131 South 17 th Street Wilmington, NC 28401	910-343-7001

Special Needs

Agency	Address	Phone
Cape Fear Community College Basic Skills Department	411 N. Front Street Wilmington, NC 28401	910-362-7457
Cape Fear Literacy Council	1012 South 17 th Street Wilmington, NC 28401	910-251-0911
Catholic Charities	4006 Princess Place Drive Wilmington, NC 28401	910-251-8130
Centro Latino	4804 Wrightsville Avenue Wilmington, NC 28403	910-341-0007
Child Development Center	3802 Princess Place Drive Wilmington, NC 28405	910-343-4245
Children's Developmental Services Agency	3311 Burnt Mill Drive Wilmington, NC 28403	910-251-5817
Costal Therapeutic Horseback Riding	8120 Sidbury Road Wilmington, NC 28411	910-470-0490
Domestic Violence Shelter and Services		910-343-0703

Easter Seals UCP North Carolina & Virginia Inc.	5040 New Centre Drive Wilmington, NC 28403	910-790-5921
Family Support Network	4701 Wrightsville Avenue Wilmington, NC 28403	910-792-6133
First in Families OF South East NC	5041 New Center Drive Suite #109 Wilmington, NC 28403	910-350-2737
Fit For Fun Center	302 South 10 th Street Wilmington, NC 28401	910-341-4630
Good Shepherd Ministries	811 Martin Street Wilmington, NC 28401	910-763-4424
Kure Beach First Baptist Church	208 South 6 th Avenue Kure Beach, NC 28449	910-458-5074
Life Line Pregnancy Center	4522 Fountain Drive Wilmington, NC 28403	910-392-0001
Medical Eye Care Program	3240 Burnt Mill Drive Suite 7 Wilmington, NC 28403	910-251-5743
Mental Health Association	1500 Physicians Drive Wilmington, NC 28401	910-762-9701
New Hanover Community	507 North 6 th Street Wilmington, NC 28401	910-762-1177
New Hanover County Department of Social Services	1650 Greenfield Street Wilmington, NC 28401	910-798-3400
New Hanover County Health Department	2029 South 17 th Street Wilmington, NC 28401	910-798-6500
New Hanover Regional Medical Center Pediatric Specialty Service	2131 South 17 th Street Wilmington, NC 28401	910-343-7001
Smart Start of New Hanover County	3001 Wrightsville Ave. 28403	910-815-3731
UCP – ECHOES	3333 Wrightsville Avenue Wilmington, NC 28403	910-392-7003
Wilmington TEACCH (Treatment and Education of Autistic and Communication Handicapped Children)	503 Covil Avenue Suite 100 Wilmington, NC 28403	910-251-5700

Speech Therapy

Agency	Address	Phone
Azalea Coast Therapy	313 Walnut St, Suite 18 Wilmington 28401	910-794-4555
Children's Developmental Services Agency	3311 Burnt Mill Dr. Suite 100 Wilmington, NC 28403	910-251-5817
Coastal Rehabilitation	2800 Ashton Drive Suite100, Wilmington, NC 28412	910-794-8892
Fix N 2 Talk	1960 South 17 th Street Suite 204 Wilmington, NC 28401	910-794-9550
New Hanover Regional Med. Center	2131 South 17 th Street Wilmington, NC 28401	910-343-4042
Progressive Speech Services	5023 Wrightsville Avenue Wilmington, NC 28403	910-397-2892
Speech 4 Kidz	5919 Oleander Drive Wilmington, NC 28403	910-395-2995
Therapy Works of Wilmington, LLC	3722 Shipyard Boulevard Suite A Wilmington, NC 28403	910-343-8988

Transportation

<i>Agency</i>	<i>Phone</i>	<i>Other</i>
Drug Elimination Grant Program	910-341-3217 MS. Warren	Provides transportation if needed for public housing residents participating in any of their drug elimination grant programs.
Family Self-Sufficiency Program	910-341-3217 MS. Warren	Provides transportation if resident is not on the bus lines, after bus hours and if transportation will help them meet their goals (i.e. literacy classes, education classes, parent teacher conferences, substance abuse counseling, mental health appointments, employment only in emergencies)
Grocery Store	-----	Transportation is provided to the public housing residents who are elderly, handicapped or disabled once a week in each development.
Monthly Shopping Trips	-----	Outings are arranged for public housing residents who are elderly, handicapped or disabled.

Youth and Family Support Services

<i>Agency</i>	<i>Address</i>	<i>Phone</i>	<i>Other</i>
Child Advocacy Commission Of The Lower Cape Fear, INC.	1401 South 39 th Street, Wilmington, NC 28403	910-791-1057	Advocacy
The Carousel Center	1501 Dock Street, Wilmington, NC 28401	910-254-9898	Advocacy/Counseling
Children's Home Society Of NC	3205 Randall Parkway Suite 122, Wilmington, NC 28403	910-794-3545	Child Placement/Adoption Service/Counseling
Children's Village Yahweh Center	5000 Lambs Path Way, Castle Hayne, NC 28429	910-675-3533	Child Placement/Adoption Service/Therapy
Community Medication Center Of Cape Fear, INC.	140 Cinema Drive Suite C, Wilmington, NC 28405	910-362-8000	Child Placement/Adoption Service
Communities In Schools- Cape Fear	1400 South 11 th Street, Wilmington, NC 28401	910-772-9889	Child Placement/Adoption Service
Family Services Of The Lower Cape Fear, INC.	4010 Shipyard Boulevard Suite C, Wilmington, NC 28403	910-794-2100	Child Placement/Adoption Service/Counseling, After School Enrichment, Mentoring
Family Support Network Of Southeastern NC, INC.	1601 South College Road Wilmington, NC 28403	910-792-6133	Family Services
Northside Resource Center	802 North 10 th Street Wilmington, NC 28401	910-762-8505	Family Services
New Hanover County Department Of Social Services	1650 Greenfield Street Wilmington, NC 28401	910-798-3400	Family Services/Adoption/Employment/Emergency Assistance/Medical Assistance
Wilmington Housing Authority	1524 South 16 th Street Wilmington, NC 28401	910-341-7700	Housing

Website: Consumer Health and Patient Education

Agency	Website
AMERICAN ACADEMY OF FAMILY PHYSICIANS	http://familydoctor.org/
AMERICAN ACADEMY OF PEDIATRIC DENTISTY	http://www.aapd.org/
AMERICAN ACADEMY OF PEDIATRICS	http://www.aap.org/
AMERICAN HEART ASSOCIATION	http://www.amhrt.org/
CHILDREN WITH DIABETES HOMEPAGE	http://childrenwithdiabetes.com/
CLEVELAND CLINIC FOUNDATION HEALTHCARE INFORMATION	http://www4.clevelandclinic.org/health
DIABETES MONITOR	http://www.diabetesmonitor.com/
DIABETES SITE REVIEWS	http://www.diabetes.com
FDA OFFICE OF WOMEN'S HEALTH	http://www.fda.gov/womens
HEALTH WORLD ONLINE	http://www.healthy.net/
HEALTHFINDER	http://healthfinder.org/
HEARTPOINT HOME PAGE	http://www.heartpoint.com/
INFONET DRUG AND DISEASE INFORMATION	http://www.druginfonet.com/
KIDSOURCE ONLINE	http://www.kidsource.com/
MAYO CLINIC'S HEALTH OASISI	http://www.mayohealth.org/
MEDICAL MATRIX – PATIENT HANDOUTS	http://medmatrix.org/index.asp
MEDICINENET PATIENT DOUCMENTS	http://www.medicinenet.com/
MEDSCAPE'S PATIENT INFORMATION PAGE	http://www.medscape.com/
NATIONAL HEART, LUNG AND BLOOD INSTITUTE	http://www.nhlbi.nih.gov/nhlbi.nhlbi.htm
QUACKWATCH: YOUR GUIDE TO HEALTH FRAUD, QUACKERY, & INTELLIGENT DECISIONS	http://www.quackwatch.com
THE GRIEF RECOVERY INSTITUTE	http://www.grief-recovery.com/
THE NATIONAL LIBRARY OF MEDICINE	http://www.nlm.nih.gov/
THE VIRTUAL HOSPITAL	http://www.uihealthcare.com/vh/
THE WELLNESS WEB	http://www.wellweb.com
U.S. FOOD AND DRUG ADMINISTRATION	http://www.fda.gov/