

# **Brunswick County Community Health Assessment**



**2019  
Brunswick County Health Services**

**THIS REPORT IS AVAILABLE ON THE BRUNSWICK COUNTY HEALTH SERVICES WEBSITE AT:**  
[www.brunswickcountync.gov/health](http://www.brunswickcountync.gov/health)

Contact Brunswick County Health Department at 910-253-2250  
for any questions or comments about the Community Health Assessment.



# Brunswick County Health Services

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*David M. Stanley III, Executive Director  
Health and Human Services Agency*

*Cris Harrelson, Director  
Department of Health Services*

Dear Brunswick County Residents,

On behalf of Brunswick County Health Services, I am pleased to present you with the 2019 Community Health Assessment.

The contents of this assessment help us to gain a deeper understanding of residents' opinions and feelings about health, illness, and services. It also provides us with key insights on important issues such as health risk factors, quality of life, mortality, morbidity, community assets, forces of change, social determinants of health, and essential services. Over the next four years, we will use this information to develop strategies to address these issues.

Thank you to Brunswick County Health Services staff, the University of North Carolina at Wilmington Center for Healthy Communities, Steering Committee members, and community partners who contributed to the process and development of this report. I would also like to express my gratitude to Brunswick County residents for providing your opinions. We greatly appreciate your time and value your input.

I look forward to our continued mission of promoting access to affordable care, treatment, and community resources to improve the well-being of all residents.

Sincerely,

A handwritten signature in blue ink that reads "Cris Harrelson".

Cris Harrelson, Director  
Brunswick County Health Services

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# ACKNOWLEDGMENTS

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## Steering Committee

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Brunswick County Health Services  
Brunswick County Schools  
CommWell Health  
Coastal Horizons  
Novant Health Medical Group  
Center for Healthy Communities  
Brunswick Wellness Coalition  
Brunswick Community College  
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A total of 183 surveys were completed. Following the CHOS, nine focus groups were conducted across the county with populations underrepresented in completion of the CHOS. The CHOS and focus group data were compared with publicly available health statistics data in order to allow the Steering Committee to complete the priority setting aspect of the health assessment process.

## Comparisons and Targets

Comparisons are used to depict how health, demographic, and socioeconomic statistics at the state and national level compare to the statistics of Brunswick County. Comparisons are also made between Brunswick County and two selected peer counties: New Hanover and Carteret. These peer counties were selected due to proximity, demographics and geography. Ultimately, these comparisons show how healthy the county is compared to similar counties in terms of demographic determinants of health, and how healthy the county is compared to the rest of the state.

To align the counties priorities with the state's priorities, when applicable, the data points are compared to Healthy North Carolina 2030 targets.

## Priorities

After conducting analyses of all primary and secondary data, with concurrent comparison to Healthy North Carolina 2030 indicators, the nine categories emerged as potential priority areas. These categories were presented to the Steering Committee members for deliberation in a two-step process (face-to-face meeting and electronically). Following presentation and discussion of the nine potential priority areas, participants were asked to vote (in-person or electronically) for up to three areas for the county to focus on over the next four years. Priority issues were selected based on the following criteria:

- **Magnitude:** "How many persons does the problem affect, either actually or potentially?"
- **Seriousness:** "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 successful intervention:** "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?"

The Brunswick County Health Services leadership team further reviewed the selected issues, voting results and input, considering the same three criteria to finalize the priority areas. The final priority areas to be used in the planning and creation of the community health improvement plan (CHIP) are:

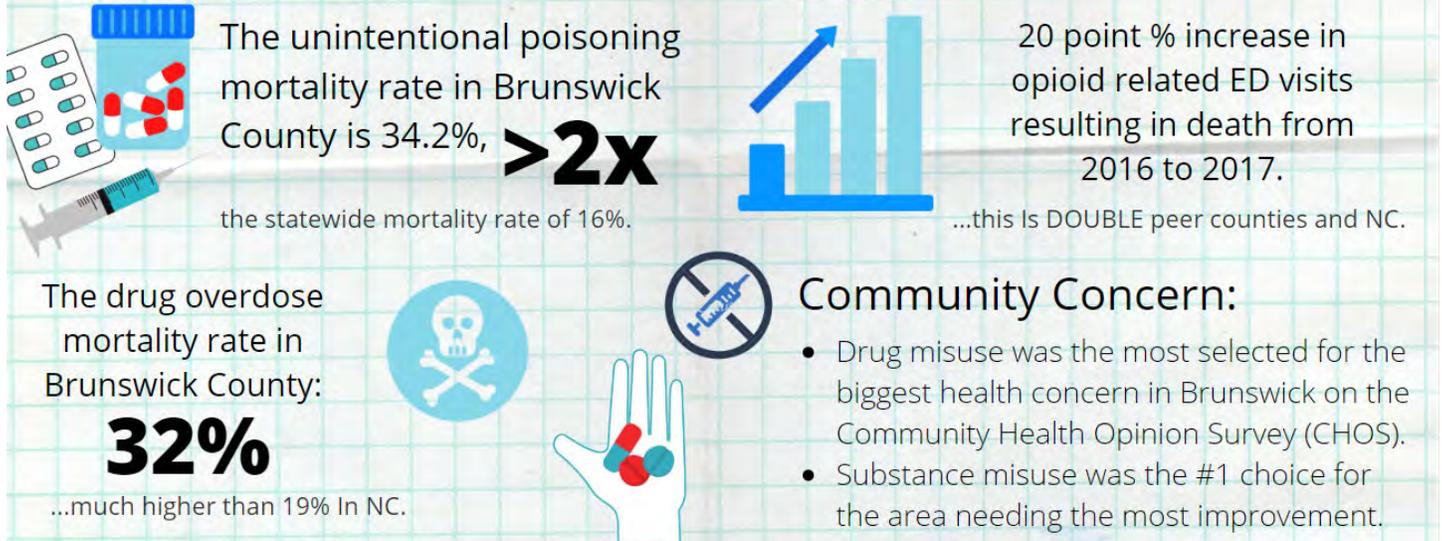
**Substance Misuse, Access to Health Care, and Chronic Conditions** with an overarching theme and focus on the **Aging Population**.

The next steps for Brunswick County Health Services include sharing the CHA results broadly with community members, stakeholders, Steering Committee members and other partners in service of developing a community health improvement plan for each priority area. Brunswick County Health Services will lead the effort in developing the plans, ensuring measurable objectives are developed, evidence-based practices are identified, and an actionable plan is in place for the next four years.



# Substance Misuse

Prevention, early intervention, support and treatment for substance use disorders



Sources: N.C. State Center for Health Statistics, County-level Data, County Health Data Book (2019), Unintentional Poisoning Mortality Rates; Centers for Disease Control and Prevention (CDC). Increases in Drug and Opioid Overdose Deaths — United States, 2000–2014. MMWR Morb Mortal Wkly Rep. 2016; 64(50):1378-82.; NC Department of Health and Human Services, NC Injury and Violence Prevention Branch, N.C. DETECT Emergency Department (ED) Data, All Opioid Poisoning ED Visits by County, 2008-2018; Brunswick County Community Health Opinion Survey, 2019

Note: While substance misuse is considered one of the county's top concerns, the most recent preliminary data shows a downward trend in opioid overdose deaths and ED visits. This data is available on the NC Opioid Action Plan Data Dashboard. The thirteen data metrics displayed on the dashboard are used to track and monitor state and county-level progress made on the opioid epidemic. Progress made in Brunswick County is attributed to programs and initiatives implemented in recent years. More information about these initiatives is available in Chapter 3 under substance misuse.

# Access to Health Care

Basic, affordable health care for all residents

## HEALTH CARE PROVIDERS

Primary Care Providers

 : **2,150** residents

(compared to 1 provider per 1,420 residents in NC)

Mental Health Providers

 : **1,210** residents

(compared to 1 provider per 440 residents in NC)

Dentists

 : **2,910** residents

(compared to 1 provider per 1,800 residents in NC)



**15% of Brunswick County residents have no health insurance.**

(compared to 12% in NC)



### Community Concern:

CHOS and focus group respondents noted **barriers to access** including:

- High cost of health services
- Unaffordable health insurance
- Lack of knowledge of resources
- Lack of transportation to health care



Source: County Health Rankings and Roadmaps, 2019; Brunswick County Community Health Opinion Survey, 2019; Brunswick County CHA Focus Groups, 2019

Note: Primary care provider data does not include physicians living on the edge of counties or who practice in multiple locations. This measure does not include nurse practitioners, physician assistants or other practitioners available for primary care services. Mental health provider data come from the National Provider Identification data file. Small providers who do not transmit electronic records may not have an identification number and are not included in this measure. Some providers may also be registered with an address in one county, while practicing in another county. More information on primary care and mental health providers is available in Chapter 3 under access to care.

# Chronic Conditions

Prevention, treatment, and management of chronic diseases

**7 of the top 10 causes of death are chronic diseases\***

**ALL CANCERS: 161.4**

**HEART DISEASE: 161.4**

UNINTENDED INJURIES: 49.2

**LUNG DISEASE: 45.8**

**STROKE: 40.4**

**ALZHEIMER'S DISEASE: 24.8**

**DIABETES MELLITUS: 27.7**

MOTOR VEHICLE INJURIES: 18.0

**KIDNEY DISEASE: 12.9**

PNEUMONIA & INFLUENZA: 11.7

\*rates defined as # of deaths per 100,000 population.



Disparity in diabetes mortality rates among male (24.8) and females (12.6) & among White (17.1) and African American (25.1).

The adult obesity rate has remained at 29% since 2015.

### Community Concern:

- CHOS respondents selected the most needed health screenings in Brunswick:
  - 50.72% selected diabetes
  - 50.7% selected cancer
  - 46.4% selected blood pressure



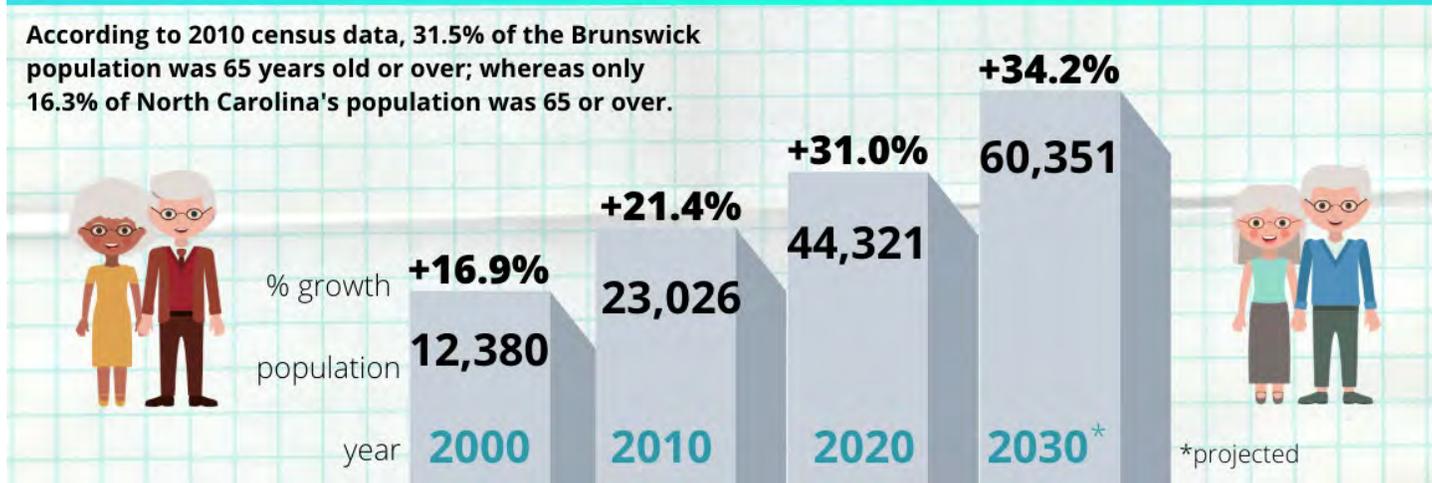
Sources: N.C. State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality.; N.C. State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality, 2013-2017 Race-Specific and Sex-Specific Age-Adjusted Death Rates by County; N.C. State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality, 2013-2017 Race-Specific and Sex-Specific Age-Adjusted Death Rates by County; Brunswick County Community Health Opinion Survey, 2019

In addition to the top three priority areas for improvement, Brunswick County Health Services will maintain an overall focus on addressing the needs of the aging population across Brunswick County.

# An Aging Population

Population of residents age 65 years and older continues to grow

According to 2010 census data, 31.5% of the Brunswick population was 65 years old or over; whereas only 16.3% of North Carolina's population was 65 or over.



Sources: Log Into North Carolina (LINC) Database, Total Population; U.S. Census Bureau, American FactFinder, Table DP-1; NC Office of State Budget and Management, County/State Population Projections - Age, Race, and Sex Projections

# CHAPTER ONE: INTRODUCTION AND OVERVIEW

## Process Summary

Assessment is one of the three core functions of public health. The community health assessment (CHA) provides a process and platform for local public health leadership and partnering agencies to assess the state of the county's health, track progress over time, learn from the community to understand perceived needs, and be strategic in identifying priorities and actions for the future.

The North Carolina Local Health Department Accreditation (NCLHDA) process and the national Public Health Accreditation Board process include the CHA as a required component for health departments to receive accreditation. In 2006, the North Carolina General Assembly mandated all health departments to be accredited through the NCLHDA. Because of this mandate, all North Carolina local health departments are required to participate in the CHA process at least every four years.

To support the CHA process, the North Carolina Department of Health and Human Services outlines eight standard phases:

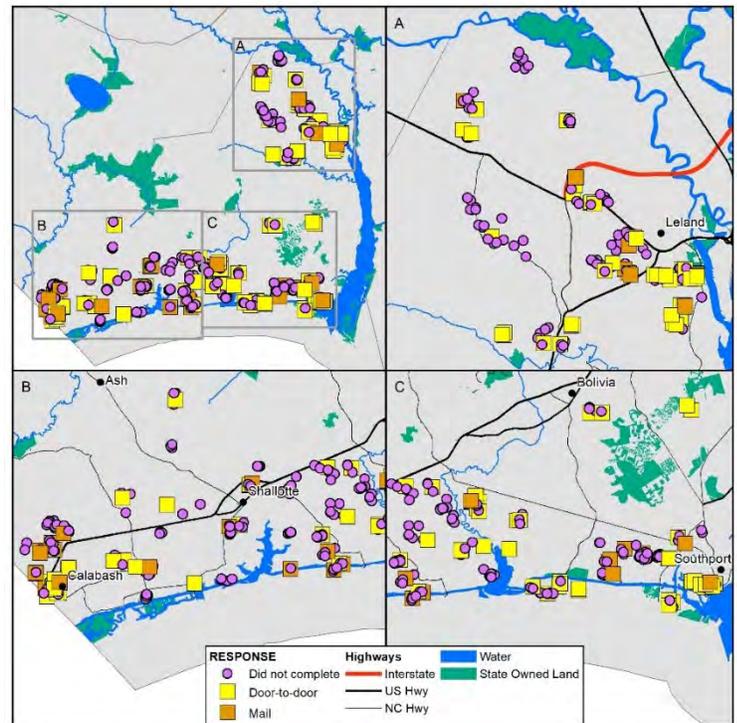


## Community Engagement

The CHA used a two-prong approach to engage the community throughout the health assessment process. Almost 180 randomly selected residents took part in the Community Health Opinion Survey (CHOS) between April 2019 and June 2019 via in-person or mailed CHOS. After identifying population gaps in CHOS respondents, nine focus groups were conducted across the county between September 2019–October 2019.

Community partners, including other local governmental agencies, the local community college, county-wide non-profits, faith-based institutions, and safety-net clinics played an integral role in hosting and recruiting focus groups participants; reaching a total of 72 residents. The final CHA document will be readily available to community members and organizations through the health department and partnering agency websites.

## CHOS Sample & Response Map



## Collaboration

Brunswick County Health Services partnered with the Center for Healthy Communities housed within the University of North Carolina Wilmington's College of Health and Human Services to collaboratively work through the first six phases of the CHA process. The membership of the CHA Steering Committee included 17 representatives from county-government, transportation, non-profit organizations, higher education, and healthcare. Between November 2018 – December 2019, Steering Committee members met to provide input on the CHA process, residents' concerns, and potential resources to address those concerns. The variety of experience and community-based knowledge on the Steering Committee provided immense value and subject-matter expertise to the process.

## Data Collection and Sources

During phases two and three of the CHA process, primary and secondary data was collected to understand the health status, perceptions, and needs of the community. Primary data is information directly collected from community residents, to ensure residents' opinions and concerns about their and the community's health are captured. Secondary data is data collected by an outside source, such as the North Carolina State Center for Health Statistics, Centers for Disease Control and Prevention, and the United State Census Bureau.

Brunswick County, in partnership with UNC Wilmington faculty, staff, and students administered the 55-question community health opinion survey (CHOS) to randomly selected households via in-person door-to-door visits over a series of days, and through direct mailings, from April to June 2019; 183 surveys were completed.

The households were randomly selected using a two-stage cluster sample stratifying by U.S. Census

income data. Households were visited at least two times before Wsurveys were mailed. CHOS were only mailed to households that were confirmed by volunteers to be a home (and not a business, abandoned home, or seasonal rental property) and the resident did not previously decline to participate in the CHOS. Of the 183 surveys completed, 140 were completed via door-to-door interviews and 43 were completed via survey (utilizing the pre-paid envelope for return). The 55-question CHOS covered the following topics: community/individual improvement areas; access to care/resources; personal health; emergency preparedness; mental health/social isolation; social determinants of health; and demographics. The table below compares the demographic data of survey participants to Brunswick County U.S. Census data.

## Demographics: Survey Participants vs. U.S. Census

		Sample Percent	Brunswick County <sup>1,2,3</sup>
<b>Gender (n=178)<sup>1</sup></b>			
	Female	58.4%	52.2%
<b>Age (n=135)<sup>2</sup></b>			
	Median Age	56.5	51.9
<b>Race (n=178)<sup>2</sup></b>			
	White or Caucasian	86.5%	86.3%
	Black or African American	8.4%	10.3%
	American Indian or Alaska Native	1.1%	0.8%
	Asian Indian	0.0%	n/a
	Other Asian (including Japanese, Chinese, Korean, Vietnamese, and Filipino/a)	1.1%	0.8%
	Other Pacific Island (including Native Hawaiian, Samoan, Guamanian/Chamorro)	0.0%	0.1%
	Hispanic, Latino, or Spanish Origin	1.7%	4.9%
	Other race not listed (please specify)	1.1%	n/a
<b>Education (n=179)<sup>3</sup></b>			
	Less than 9th grade	0.0%	3.4%
	9-12, no diploma	5.0%	7.5%
	High School graduate (or GED/equivalent)	20.1%	27.4%
	Associate's Degree or Vocational Training or Certificate	12.8%	10.2%
	Some college (no degree)	18.4%	23.6%
	Bachelor's Degree	19.6%	18.1%
	Graduate or professional degree	23.5%	9.9%
	Other (please specify)	0.6%	
<b>Income (n=152)<sup>2</sup></b>			
	Less than \$10,000	3.9%	7.2%
	\$10,000-\$14,999	2.6%	4.9%
	\$15,000-\$24,999	9.2%	10.4%
	\$25,000-\$34,999	5.9%	11.0%
	\$35,000-\$49,999	12.5%	15.3%
	\$50,000-\$74,999	26.3%	19.7%
	\$75,000-\$99,999	18.4%	12.4%
	\$100,000 or more	21.1%	19.10%

Sources: 1. U.S. Census Bureau Population Estimates Program, 2018 ; 2. U.S. Census Bureau, American Community Survey 2013-2017 (5-Year Estimates); 3. U.S. Census Bureau, American Community Survey 2013-2017 (25 years and older, 5-Year Estimates)



# CHAPTER TWO: DEMOGRAPHICS

Brunswick County is located in the southeastern part of North Carolina and is bounded by the Atlantic Ocean, Cape Fear River, State of South Carolina, and the counties of Columbus, New Hanover, and Pender. The temperate climate and 45 miles of beautiful, south-facing beaches have opened the county up to tremendous population growth. Brunswick County currently ranks first in percent growth among counties in North Carolina, and 4th in the nation among counties with populations of 20,000 or more from 2010-2018. The 1050 square miles is divided into 19 municipalities, and numerous unincorporated communities, more than any other county in the state.

## History

On March 9, 1764, the Governor of North Carolina signed the legislative act which created Brunswick County out of New Hanover and Bladen Counties. It was named after the Town of Brunswick, which was named in honor of King George I, who was the Duke of Brunswick and Lunenburg. The County Seat was first located at Brunswick Town, a town founded by Maurice Moore, son of Governor James Moore, located on the west bank of the Cape Fear River. In 1779, the County Seat was moved to Lockwood Folly and in 1808, the County Seat was moved to Smithville, known today as Southport, where it would remain for 167 years. On July 19, 1975, a referendum passed moving the County Seat from Southport to its present location just below the Town of Bolivia. Source: <https://www.brunswickcountync.gov/info/about-brunswick-county/history/>

The county is divided into 19 municipalities: Bald Head Island, Belville, Boiling Spring Lakes, Bolivia, Calabash, Carolina Shores, Caswell Beach, Holden Beach, Leland, Navassa, Northwest, Oak Island, Ocean Isle Beach, Sandy Creek, Shallotte, Southport, St. James, Sunset Beach, and Varnamtown. There are many unincorporated communities in Brunswick County, including Ash, Bell Swamp, Bonaparte Landing, Boone's Neck, Brunswick Station, Camp Branch, Cedar Grove, Cedar Hill, Civietown, Piney Grove, Supply, Sunset Harbor, Winnabow, among others.

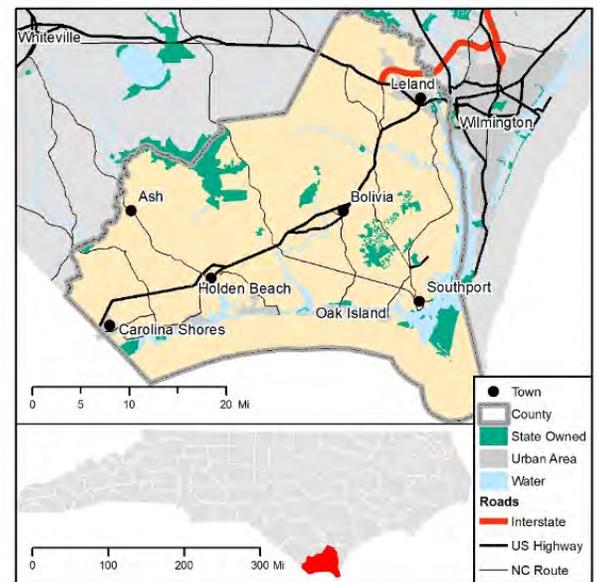
## Geography

Brunswick County is bordered by the Atlantic Ocean, Cape Fear River, State of South Carolina, and the counties of Columbus, New Hanover, and Pender. According to the U.S. Census Bureau, the county has a total area of 1,050 square miles and ranks 6th in the state by total land area. Of that figure, 847 square miles are land and 203 square miles, or 19%, are water. Brunswick County enjoys a mild and marine-influenced climate. During the summer, sea breeze-induced clouds normally develop in the late morning hours and move inland. Thunderstorms and other rain events are common, with an average of nine storms per year that have damaging winds and/or dropping hail. The primary weather hazard for the Cape Fear Region is hurricanes which have associated impacts of wind, storm surge, and flooding.

## Economy

Domestic tourism in Brunswick County generated an economic impact of \$ 599,110,000 in 2018. This was an increase of 6.5% from 2017 and an increase of 51.5% from 2000. Tourism revenue for the county also increased by \$355,600,000 from 2000 to 2018. The six beach communities including

### Brunswick County, North Carolina



Bald Head Island, Caswell Beach, Holden Beach, Oak Island, Ocean Isle Beach, and Sunset Beach attract a significant number of visitors each year. Other tourist destinations include historic Southport, Old Brunswick Town, Bald Head Lighthouse, Oak Island Lighthouse, Ingram Planetarium, Museum of Coastal Carolina, Silver Coast Winery, Fort Caswell, Calabash seafood, and various parks/preserves. Additionally, there are approximately 30 golf courses scattered throughout the area. More than 5,930 jobs in Brunswick County were directly attributable to the travel and tourism industry. Travel generated \$120,330,000 in payroll in 2018.

### 2018 Top 25 Employers in Brunswick County

Rank	Company Name	Industry	Employment Range
1	Brunswick County Board of Education	Education & Health Services	1000+
2	County of Brunswick	Public Administration	1000+
3	Progress Energy Service Co	Trade, Transportation, & Utilities	500-999
4	Wal-Mart Associates Inc.	Trade, Transportation, & Utilities	500-999
5	Brunswick Novant Medical Ctr.	Education & Health Services	500-999
6	Food Lion	Trade, Transportation, & Utilities	500-999
7	Brunswick Community College	Education & Health Services	250-499
8	Liberty Healthcare Group LLC	Education & Health Services	250-499
9	Lowes Foods LLC	Trade, Transportation, & Utilities	250-499
10	Lowes Home Centers Inc	Trade, Transportation, & Utilities	250-499

Source: NC Commerce, 25 Largest Employers by County: 2018 Largest Employers

### Demographics

The average age of Brunswick County residents is generally higher than the state averages: 31.5% are age 65 and older, nearly twice the state-wide average of 16.3%. It is estimated that 3.9% of residents are under age 5 and 15.3% are under 18. Females make up 52.2% of the total population. (Source: U.S. Census Bureau, Population Estimates, July 1, 2019)

### General Demographic Characteristics, 2018.

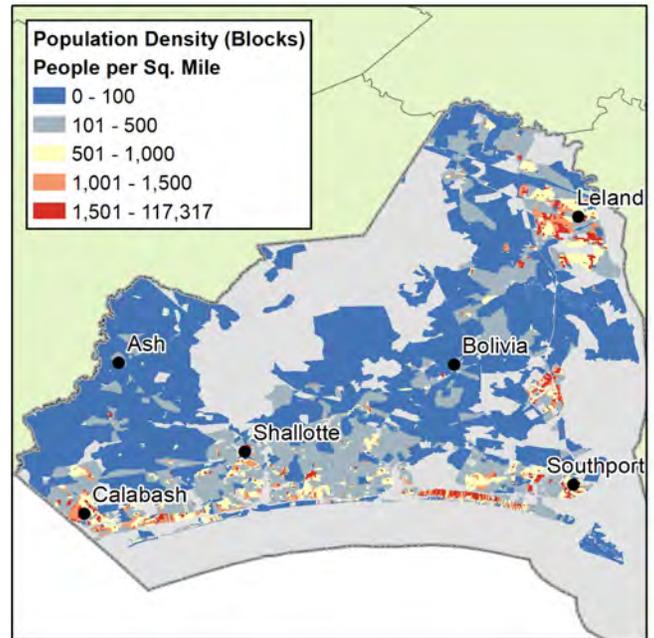
Location	2018 Total Population Estimate	Number Males	Population Males (%)	Median Age Males	Number Females	Population Females (%)	Media Age Females	Overall Median Age
Brunswick County	136,744	65,301	47.8	50.3	71,443	52.2	53.1	51.9
Carteret County	69,524	34,054	48.98	47.3	35,470	51.02	50.8	49.1
New Hanover County	232,274	110,744	47.68	38.0	121,530	52.32	40.5	38.7
State of N.C.	10,270,800	5,050,861	49.18	37.4	5,332,759	51.92	40.4	38.9

Source: U.S. Census Bureau, Population Estimates: 2018 Annual Estimates of the Resident Population

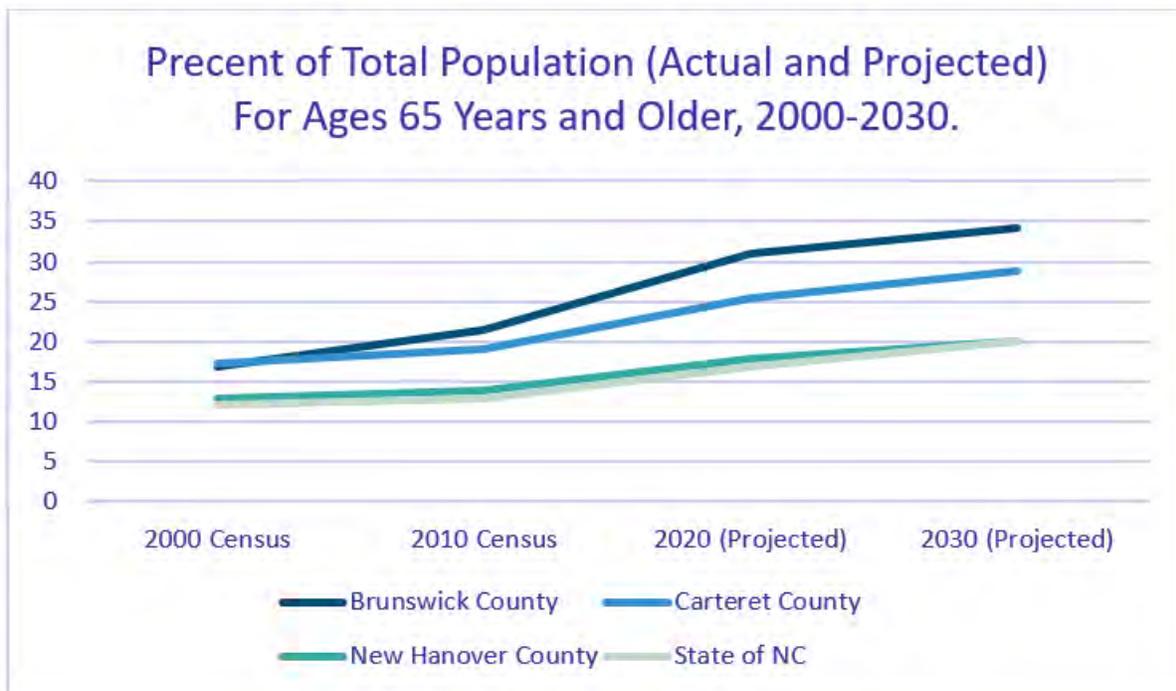
## Growth and Density

According to the estimated 2018 U.S. Census, Brunswick County has a population of 136,744 reflecting a 27.3% increase since 2010 and a 15.6% increase during the four years between 2014 and 2018. In the summer months, the population increases by approximately 50% with tourists and seasonal residents.

The N.C. Office of Budget and Management projects growth in Brunswick County will continue to increase steadily, surpassing 176,000 residents in 10 years and 200,000 residents in 20 years. Part of the growth in the county is due to the increase in the aging population (65+). The table below displayed the estimated trends in population growth of this population.



## Trends in Population Over 64



Source: Log Into North Carolina (LINC) Database, Total Population.

## Diversity

According to the estimated 2018 U.S. Census, 82.1% of Brunswick County residents are White. An estimated 10% of the county is Black or African American, 4.8% is Hispanic or Latino, and 1.6% identifies as two or more races. As of June 30, 2019, the Brunswick County Veteran population is 13,836 (Brunswick County Veterans Service Office).

### Population Distribution by Race

Location	Total	White		Black or African American		American Indian and Alaskan Native		Asian, Native Hawaiian and Other Pacific Islander		Two or More Races		Hispanic or Latino of Any Race	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
<b>Brunswick County</b>	136,744	112,265	82.1	13,699	10.0	866	0.5	1,083	0.6	2,167	1.6	6,664	4.8
<b>Carteret County</b>	69,524	60,138	86.5	3,817	5.5	312	0.5	959	1.4	1,333	1.9	2,965	4.2
<b>New Hanover County</b>	232,274	179,674	77.3	30,748	13.2	883	0.4	3,608	1.6	4,337	1.9	13,024	5.6
<b>State of N.C.</b>	10,383,620	6,525,505	62.8	2,219,512	21.4	116,180	1.1	324,518	3.1	200,556	1.9	997,349	9.6

Source: U.S. Census Bureau, Population Estimates: 2018 Annual Estimates of the Resident Population by Sex, Race, and Hispanic Origin

## Disability

Seventeen percent of Brunswick County residents live with a disability, including difficulty with at least one of the following areas: hearing, vision, cognitive, ambulatory, self-care, or independent living. Among the population ages 65 to 74 years old and 75 years and over, 21.2% and 49.0% are estimated to live with a disability, respectively.

(Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates).

## Other Vulnerable Populations

Brunswick County’s aging population (65+) is considered vulnerable in terms of potential increased risk for adverse health conditions and ability to react to a public health emergency or natural disaster. In addition to age, other characteristics that put certain groups at higher risk include English language proficiency, socioeconomic status and disability. The following table includes populations who may be more vulnerable in the county.

<b>Age</b>	<b>Total Population</b>
<5 years old	4.4%
<18 years old	16.8%
>60 years old	37.8%
>65 years old	28.1%
<b>Other Characteristics</b>	
	<b>% of Total Population</b>
Uninsured (<65 years old)	13.5%
Living in Poverty	14.1%
Disabled (all ages)	17.2%
Speak a language other than English	5.2%

Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates; US Census Bureau, Small Area Health Insurance Estimates (SAHIE), 2017

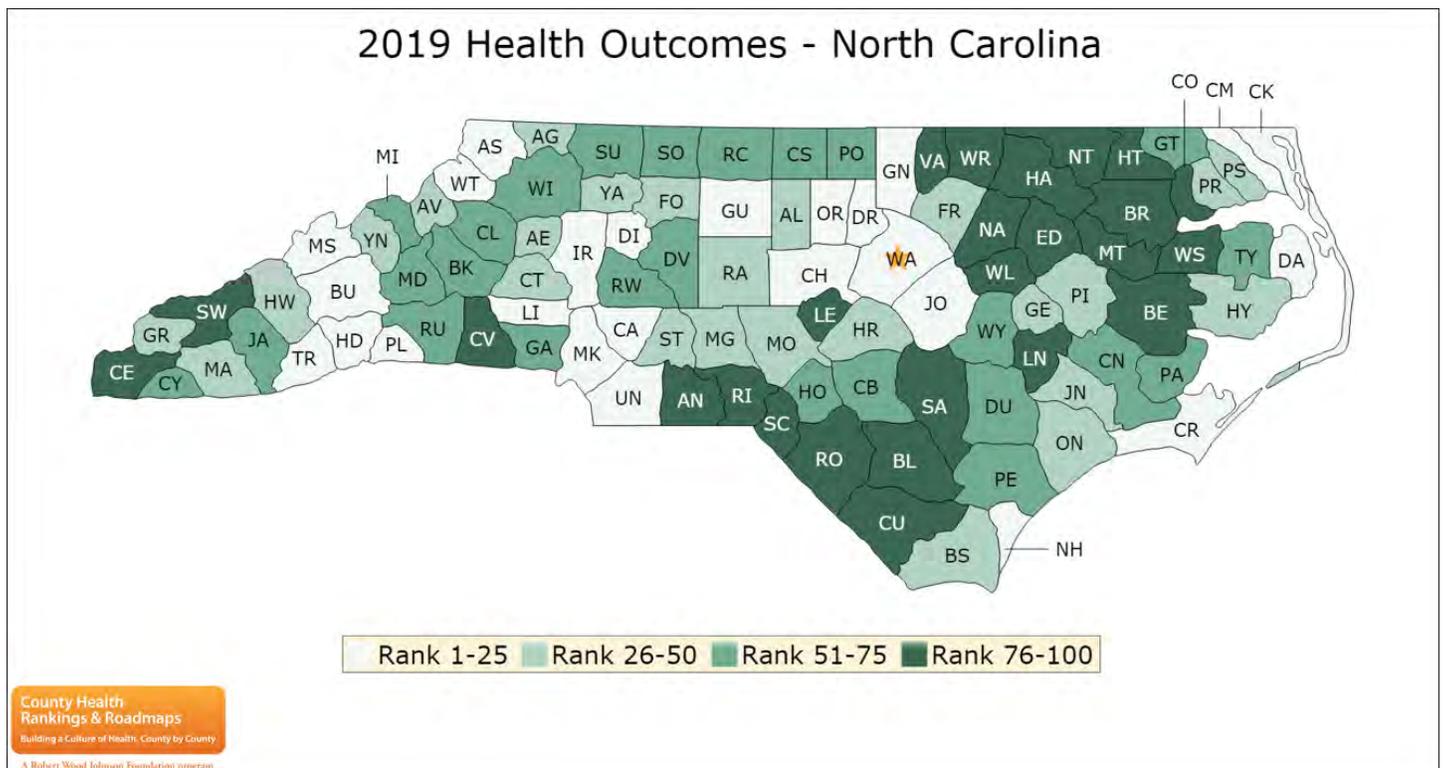
# CHAPTER THREE: CHA FINDINGS AND PRIORITIES

## Overview

The Brunswick County 2020 Community Health Assessment process included analyzing various publicly available statistics from local, state, and national sources, along with the data gathered from community input via the community health opinion survey and focus groups. Input from local community and neighborhood groups on access to health care, social determinants of health and other health conditions is intended to enhance the quality of data collected from existing databases. During the careful analysis of data, strengths and weaknesses emerged in the health of Brunswick County. The weaknesses revealed gaps and disparities in health outcomes when compared to state health data and Brunswick’s two peer counties of Carteret and New Hanover. A set of criteria was determined to guide the prioritization process. A set of criteria was determined to guide the prioritization process, including magnitude of the problem, seriousness of the problem, and feasibility of successful intervention. Additionally, selection considered the ability to measure impact, importance to community members, and trending health concerns in the community.

## County Health Rankings

The County Health Rankings and Roadmap program is an annual ranking process developed by the Robert Wood Johnson Foundation and the University of Wisconsin Population Health Institute. This program measures health of counties nationwide and ranks them within their states. Out of 100 counties (with one being the best), Brunswick County ranked 34 for Health Outcomes and ranked 25 for Health Factors in 2019. Since 2018, Health Outcomes improved by six ranks and Health Factors improved by three ranks.



## 2019 County Health Rankings

	North Carolina	Brunswick	Carteret	New Hanover
<b>HEALTH OUTCOMES</b>		34	20	19
<b>Length of Life</b>		50	40	24
Premature death	7,600	8,800	8,200	7,500
<b>Quality of Life</b>		27	9	17
Poor or fair health	18%	16%	14%	15%
Poor physical health days	3.6	3.8	3.5	3.7
Poor mental health days	3.9	3.9	3.9	4.0
Low birthweight	9%	9%	7%	8%
<b>HEALTH FACTORS</b>		25	21	13
<b>Health Behaviors</b>		10	23	20
Adult smoking	18%	15%	18%	18%
Adult obesity	30%	29%	28%	24%
Food environment index	6.6	7.8	7.8	7.2
Physical inactivity	23%	22%	24%	19%
Access to exercise opportunities	73%	76%	91%	87%
Excessive drinking	17%	15%	18%	19%
Alcohol-impaired driving deaths	30%	35%	29%	32%
Sexually transmitted infections	577.6	283.5	281.7	531.0
Teen births	27	31	22	16
<b>Clinical Care</b>		27	21	6
Uninsured	12%	15%	12%	11%
Primary care physicians	1,420:1	2,150:1	1,300:1	1,100:1
Dentists	1,800:1	2,910:1	1,350:1	1,310:1
Mental health providers	440:1	1,210:1	680:1	260:1
Preventable hospital stays	4,702	4,083	3,957	4,469
Mammography screening	45%	55%	47%	50%
Flu vaccinations	50%	55%	46%	55%
<b>Social &amp; Economic Factors</b>		58	25	28
High school graduation	86%	84%	85%	86%
Some college	67%	62%	70%	75%
Unemployment	4.6%	5.7%	4.5%	4.2%
Children in poverty	21%	22%	21%	21%
Income inequality	4.8	4.3	4.5	5.2
Children in single-parent households	35%	37%	33%	38%
Social associations	11.5	8.9	14.5	10.1
Violent crime	351	141		447
Injury deaths	71	83	88	73
<b>Physical Environment</b>		17	35	44
Air pollution - particulate matter	9.8	9.3	8.7	8.4
Severe housing problems	16%	16%	16%	20%
Driving alone to work	81%	79%	80%	80%
Long commute - driving alone	32%	31%	30%	18%

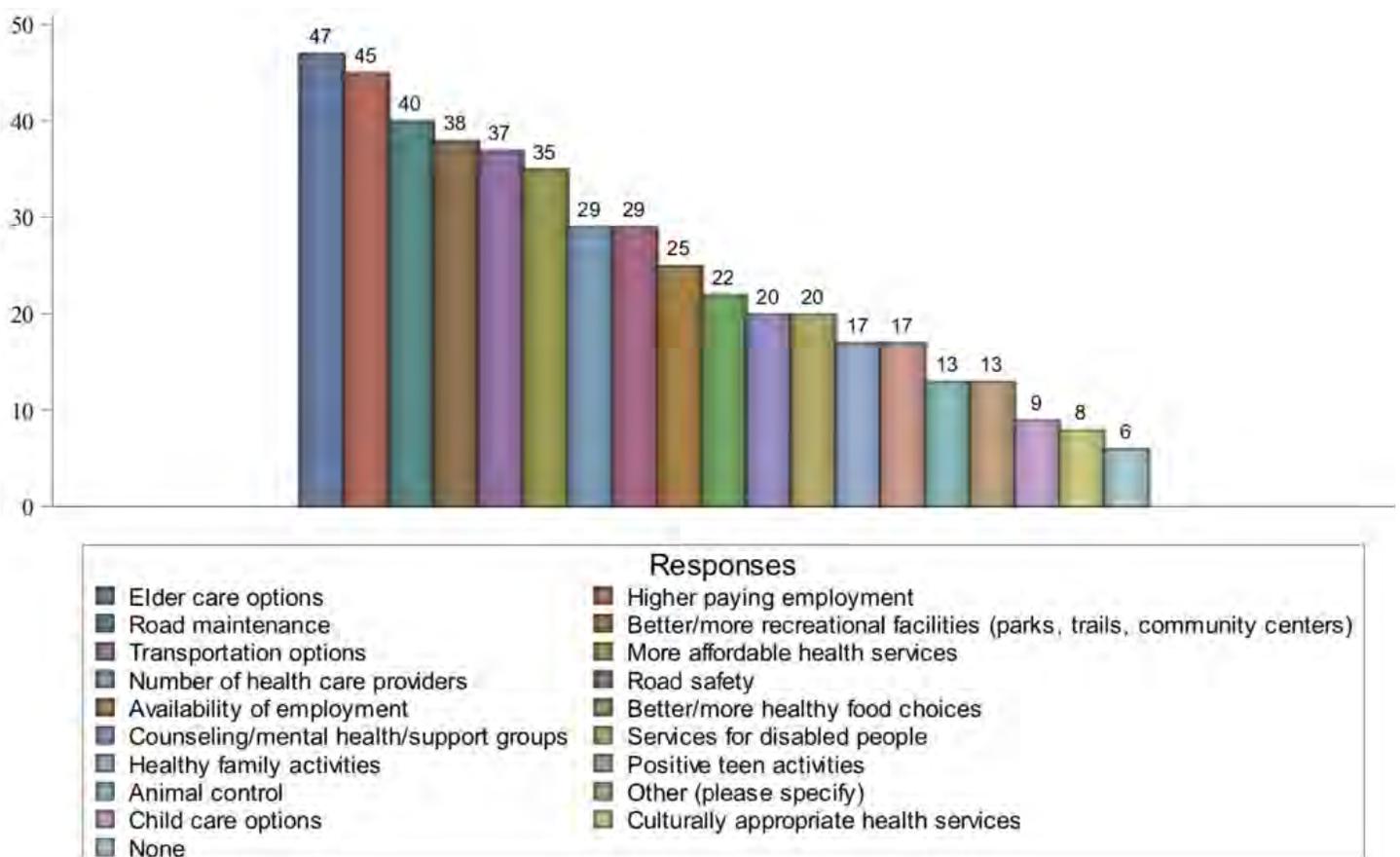
Source: University of Wisconsin Population Health Institute. County Health Rankings & Roadmaps, 2019.

## Community Concerns

The community health opinion survey (CHOS) asked a random selection of Brunswick County residents about their perceptions of the community. This section highlights critical survey questions including respondents' opinions on primary areas for improvement; issues impacting quality of life; and most pressing health concerns. The responses from the CHOS are situated throughout the report per topic area. See the appendix for complete CHOS questions and survey responses.

Brunswick County residents were asked to select the top three areas in need of the most improvement in their neighborhood or community. Survey respondents' three greatest concerns were elder care options (26%), higher paying employment (25%), and road maintenance (22%). Following the top three concerns were better/more recreational facilities (21%), and better/more transportation options (21%). Because respondents were able to choose up to three concerns, the percentages add up to more than 100%. The frequency and response percentages per biggest health concerns are in the figure and table below.

### Areas Needing Improvement in Neighborhoods or Communities (n=470)



Legend is in order of the bars — left to right, top to bottom.

## Areas Needing Improvement in Neighborhoods or Communities – Top Responses

In your opinion, which three areas need the most improvement in your neighborhood or community? (select top three)

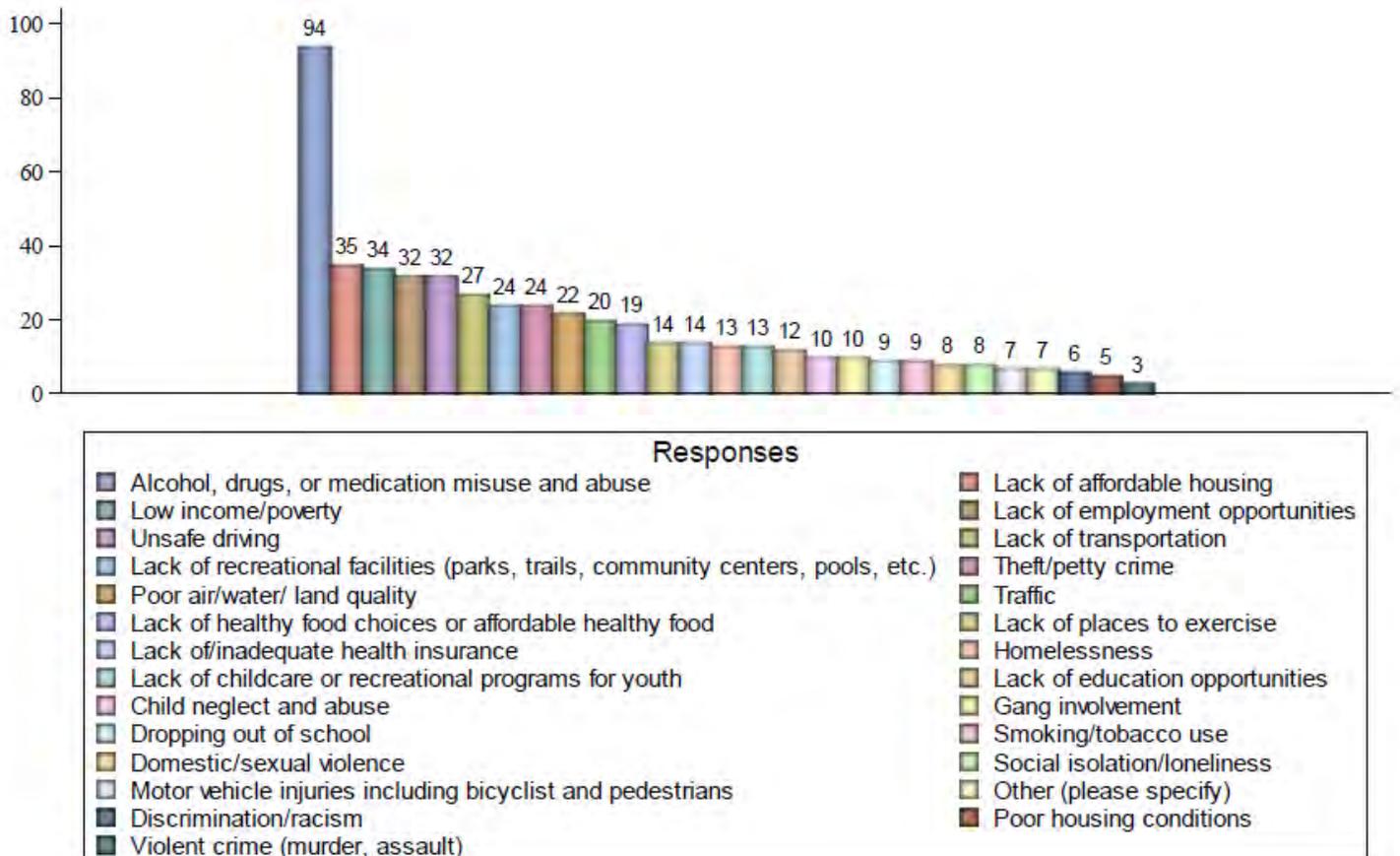
Given Answers	Count	% respondents (n=178)
Elder care options	47	26%
Higher paying employment	45	25%
Road maintenance	40	22%
Better/more recreational facilities (parks, trails, community centers)	38	21%
Transportation options	37	21%
More affordable health services	35	20%
Number of health care providers	29	16%
Road safety	29	16%
Availability of employment	25	14%
Better/more healthy food choices	22	12%

Source: Brunswick CHOS, 2019

Survey respondents were asked what they consider to be the top three issues most negatively impacting quality of life in the county. The top three area indicated by respondents were substance misuse (54%), lack of affordable housing (20%), and low income/poverty (20%).

Following those indicators were other non-medical drivers of health, such as lack of employment opportunities. Because respondents were able to choose up to three issues, the percentages add up to more than 100%. The frequency and response percentages per issue are in the figure and table below.

## Issues Most Negatively Affecting Quality of Life (n=511)



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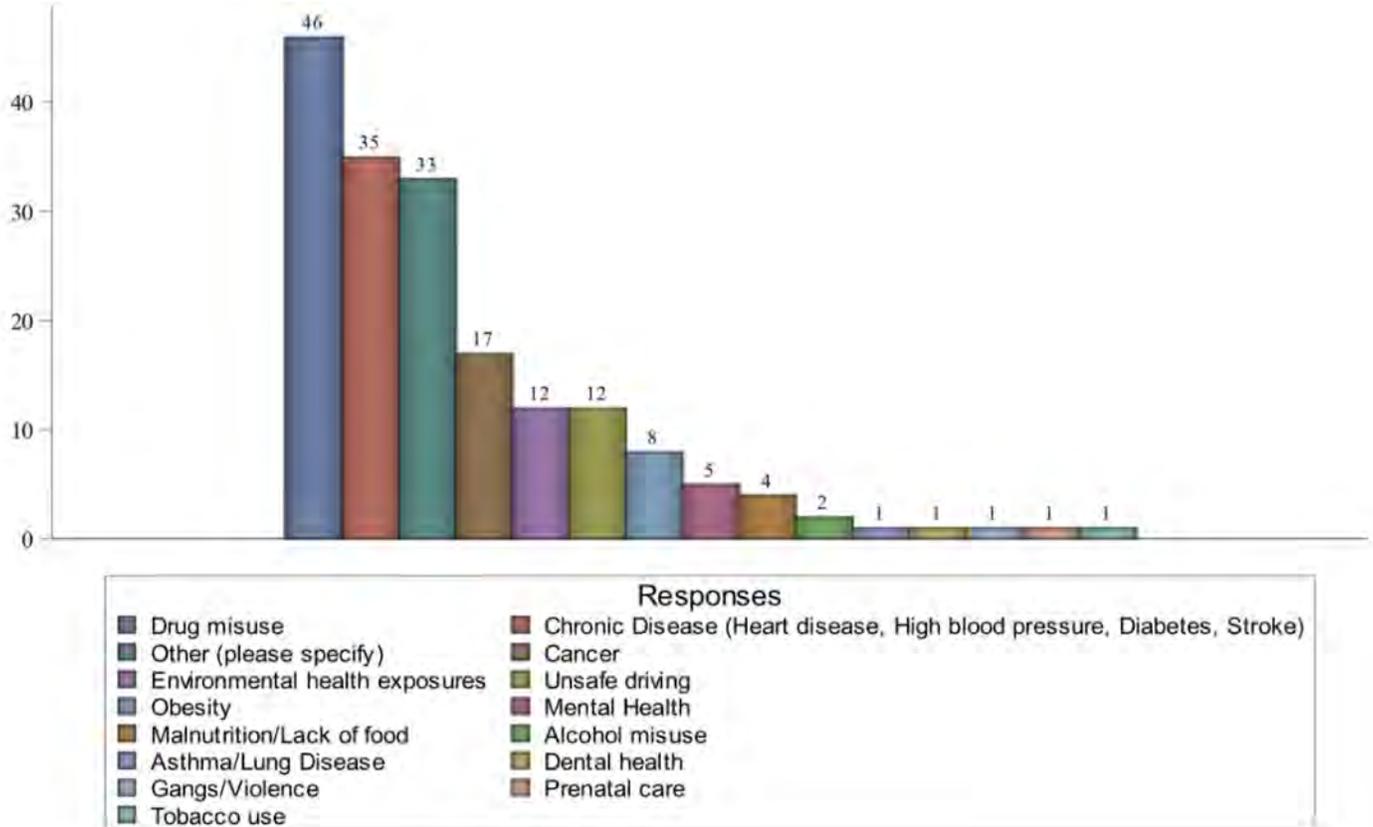
## Issues Most Negatively Affecting Quality of Life – Top Responses

In your opinion, which three issues most negatively affect the quality of life in Brunswick County? (select top three)

Given Answers	Count	% respondents (n=174)
Alcohol, drugs, or medication misuse and abuse	94	54%
Lack of affordable housing	35	20%
Low income/poverty	34	20%
Lack of employment opportunities	32	18%
Unsafe driving	32	18%
Lack of transportation	27	16%
Lack of recreational facilities (parks, trails, community centers, pools, etc.)	24	14%
Theft/petty crime	24	14%
Poor air/water/ land quality	22	13%
Traffic	20	11%
Lack of healthy food choices or affordable healthy food	19	11%

Survey respondents were also asked what they consider the primary, most pressing health concern in Brunswick County. The most selected response was drug misuse, with 25.7% selections. Respondents were directed to select only one response; the answer choice of “Other” was the second highest response, in which residents wrote in several concerns. The frequency and response percentages per biggest health concerns are in the figure and table below.

### Biggest Health Concern in Your Community (n=179)



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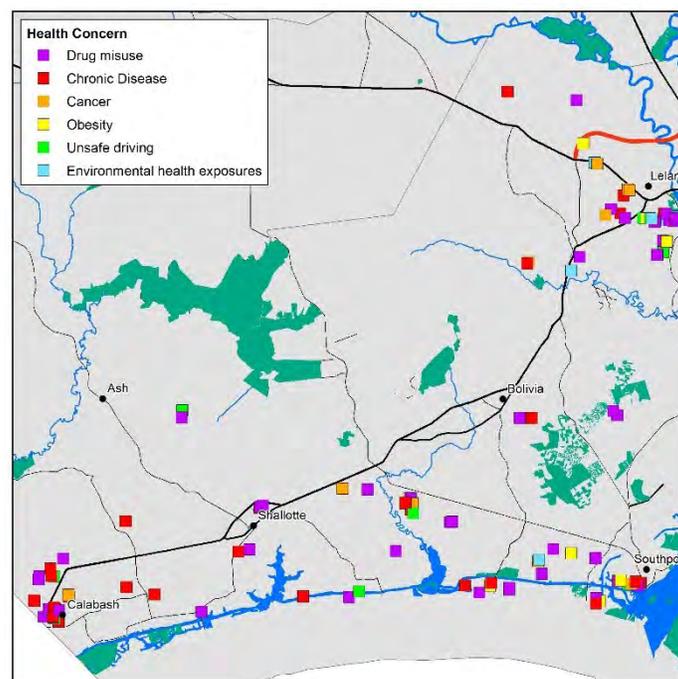
## Biggest Health Concern in Your Community

In your opinion, what is the biggest health concern in your community? (select only one)

Given Answers	Count	% respondents (n=179)
Drug misuse	46	25.7%
Chronic Disease (Heart disease, High blood pressure, Diabetes, Stroke)	35	19.6%
Cancer	17	9.5%
Environmental health exposures	12	6.7%
Unsafe driving	12	6.7%
Obesity	8	4.5%
Mental Health	5	2.8%
Malnutrition/Lack of food	4	2.2%
Alcohol misuse	2	1.1%
Asthma/Lung Disease	1	0.6%
Dental health	1	0.6%
Gangs/Violence	1	0.6%
Prenatal care	1	0.6%
Tobacco use	1	0.6%
Other (please specify)	33	18.4%

Source: Brunswick CHOS, 2019

## Top 6 Health Concerns per Respondent Location



## Overall Health

Healthy N.C. (HNC) 2030 has shifted focus from specific clinical and individual health topics to the overall drivers of health outcomes, including social and economic factors, physical environment, health behaviors, and clinical care. While HNC 2020 had 40 indicators, HNC 2030 reduced the total number of health indicators to 21 in order to focus attention on a narrower set of priorities. There are two HNC 2030 objectives tied to the overall health of a community; life expectancy and infant mortality.

**Healthy North Carolina 2030 Goal:  
Increase life expectancy (years)**

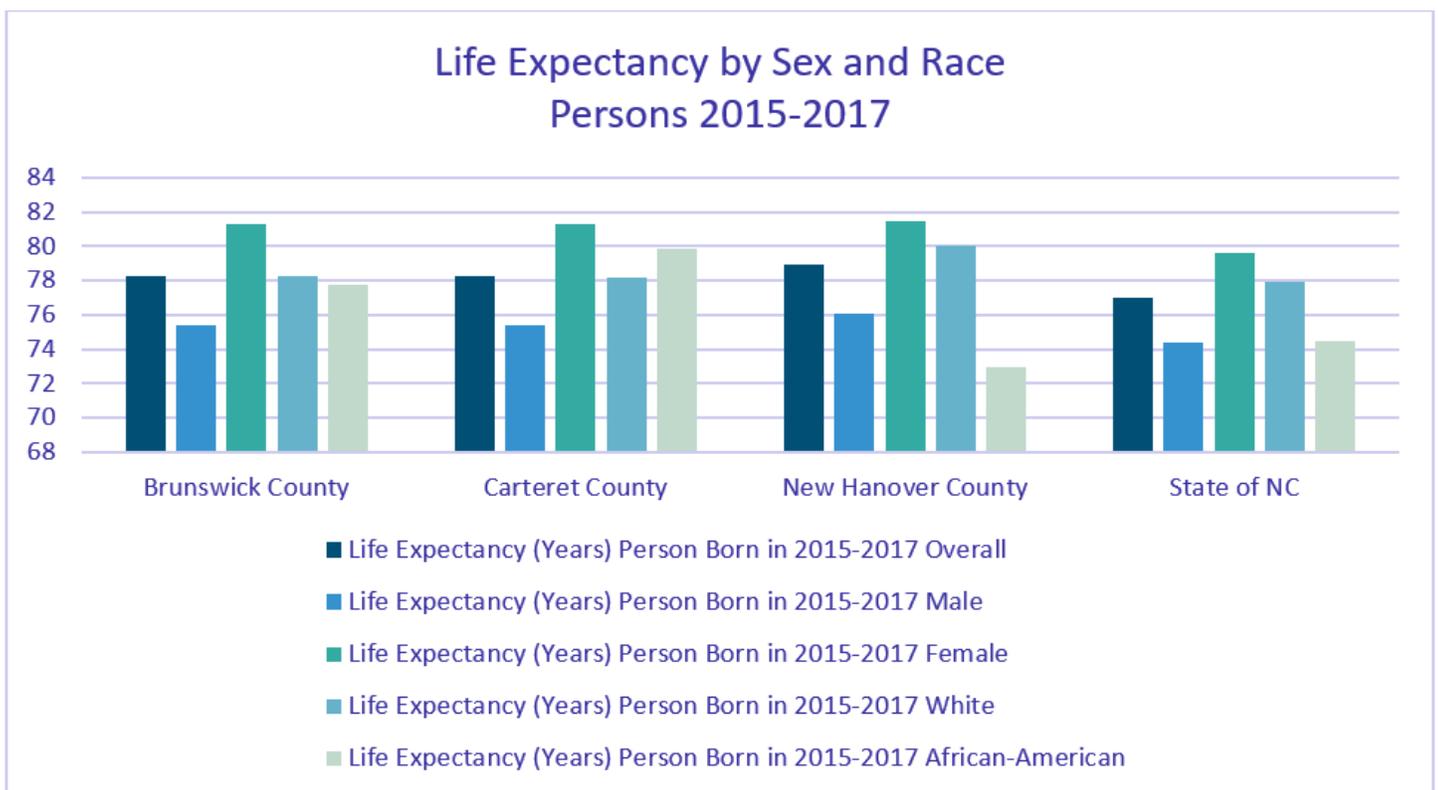
Brunswick County: 78.6  
N.C. total: 78.1 (2016-18)  
**Target: 82.0**



Life expectancy is a proxy measure of the overall health of a population. Disparities in life expectancy between populations point to areas where issues of health equity must be addressed.

Although overall life expectancy in Brunswick County is slightly higher than the state average, and similar to peer counties, there are still improvements to be made to reach the HNC 2030 goal of a life expectancy of 82 years. Disparities within the county and across peer counties also exist. Males have a much lower life expectancy in Brunswick compared to females, living on average approximately five years less.

The figure below shows disparities in life expectancy between male and female as well as White and African-American persons.



Source: N.C. State Center for Health Statistics, County-level Data, Life Expectancies Reports.

**Healthy North Carolina 2030 Goal:**  
**Decrease infant mortality (per 1,000 births)**  
 Brunswick County: 11.1 (2018)  
 N.C. total: 6.8 (2018)  
**Target: 6**



Infant mortality is a common indicator for overall community health, as the health of infants born in a community reflects the health of the next generation.

Among the peer counties, Brunswick County is doing about the same. The “Maternal and Child Health” section further elaborates on this indicator, including 5-year aggregated data. Infant mortality is defined as death of a liveborn under one year of age. Due to the small number of events (fewer than 10 occurrences) the county-level data should be interpreted with caution.

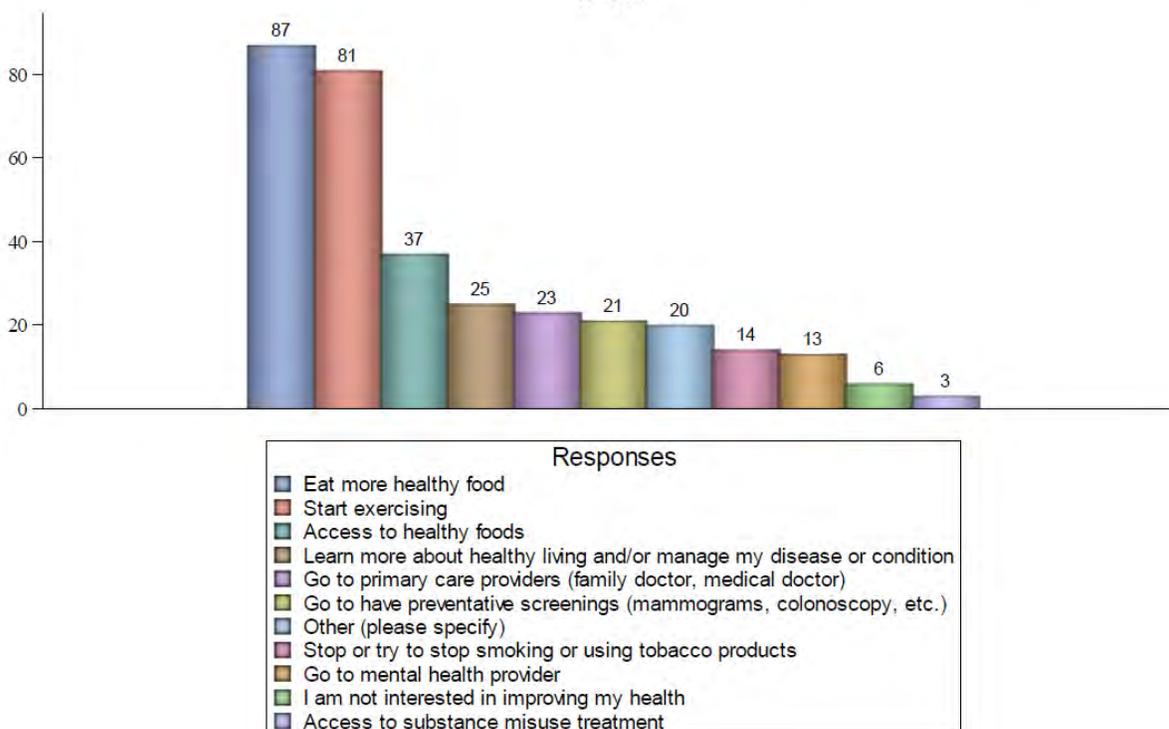
## Eating Healthy and Physical Activity

Promoting a high-level quality of life is valued by Brunswick County Health Services. To understand the current state of residents, survey respondents were asked to rank their overall health, and how they would like to improve their health. Majority of respondents rated their health as good (35.7%) or very good (35.2%).

Brunswick County survey respondents were asked what areas needed improvement in their communities, with 28.5% of focus group and 21% of CHOS respondents selecting better/more recreational facilities such as parks, trails, community centers. CHOS respondents were also asked how they would improve their health if they could, to which 54% of respondents said eating healthy food and 50% said by exercising. Furthermore, annual trends in Brunswick adult obesity prevalence have showed little to no change since 2015, with an estimated 29% of adults in Brunswick County classified as ‘obese’.

## Personal Health Improvements

**If you would like to improve your health, what would you do? (select all that apply)**  
 n=330



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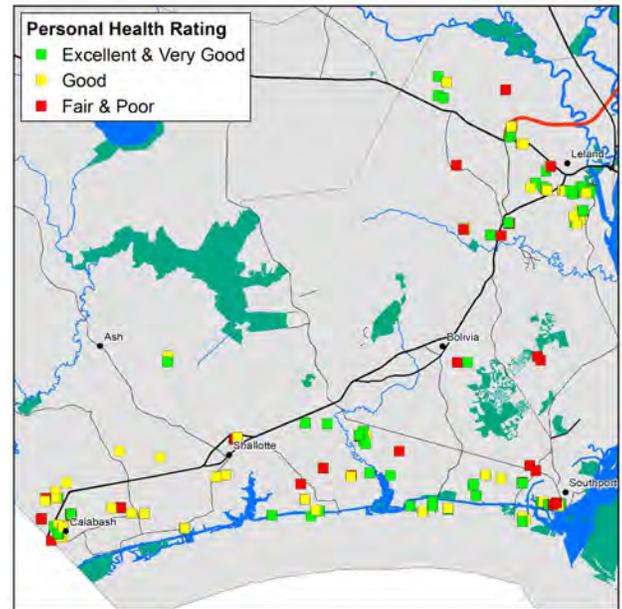
## Personal Health Rating

How would you rate your health?

Given Answers	Count	% respondents (n=182)
Excellent	14	7.7%
Very good	64	35.2%
Good	65	35.7%
Fair	30	16.5%
Poor	9	4.9%

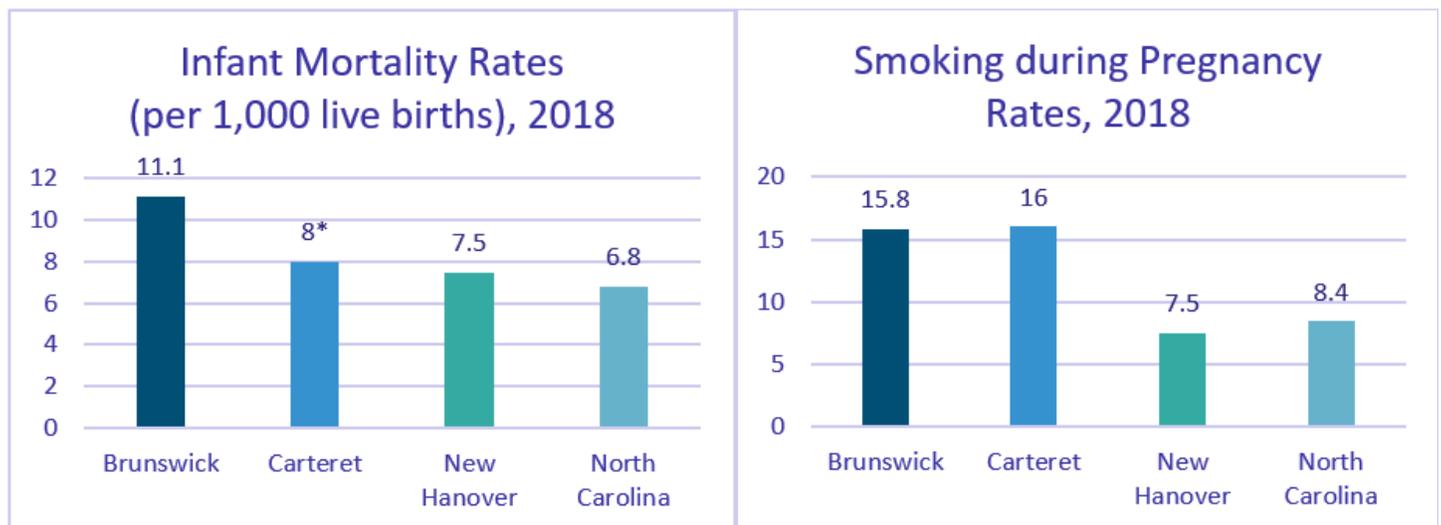
Source: Brunswick CHOS, 2019

## Personal Health Rating per Respondent Location



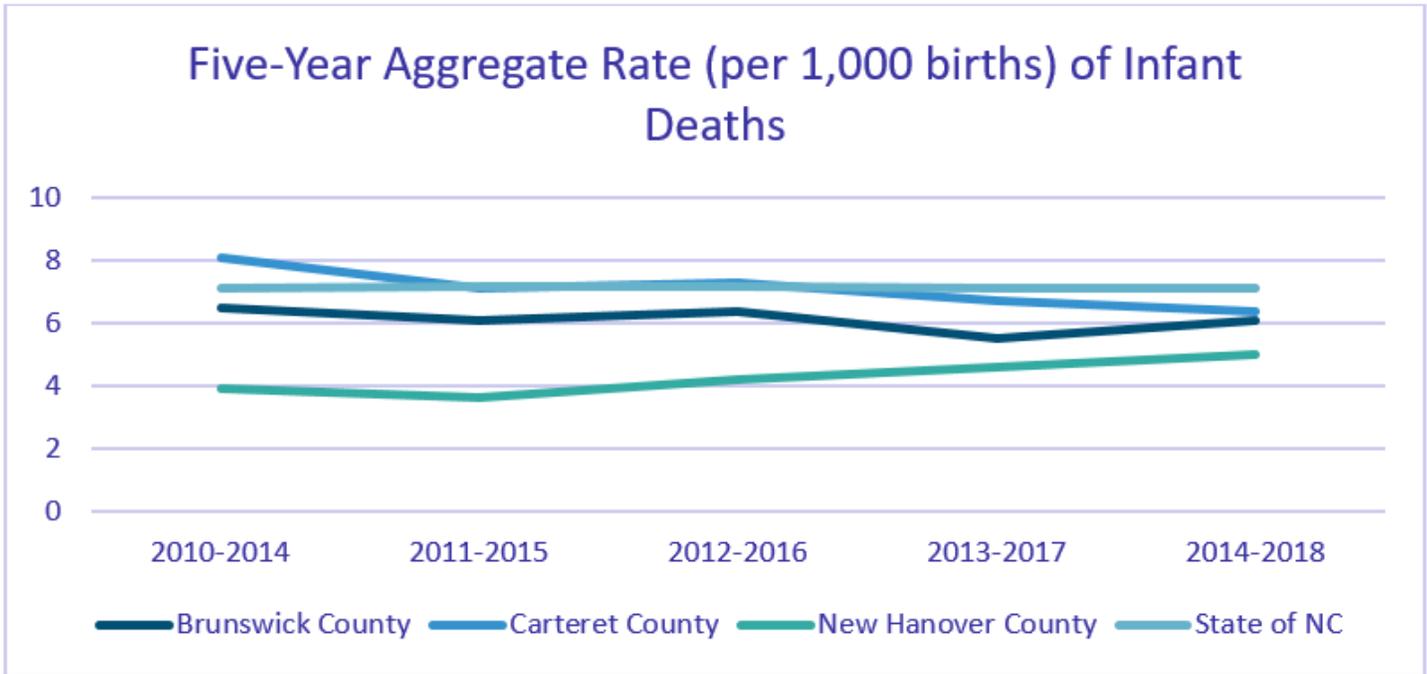
## Maternal and Child Health

Infant mortality is often considered an indicator of overall community health because many of the factors that may influence rates of infant mortality reflect the health equity of a community. These factors include maternal age, prenatal care, smoking during pregnancy, and other social and economic factors of the child's family. In 2018, Brunswick County's infant mortality rate was almost twice the rate of North Carolina with 11 infant deaths among the 987 live births. However, the trends for the five-year aggregated infant mortality rates shows the rates have stayed relatively stable over time. Moreover, the percentage of women in Brunswick County who smoked during pregnancy is significantly higher than the state's at 15.8% in 2018. This data is displayed in the figures below.



Source: N.C. State Center for Health Statistics, Basic Automated Birth Yearbook (BABY Book), 2020

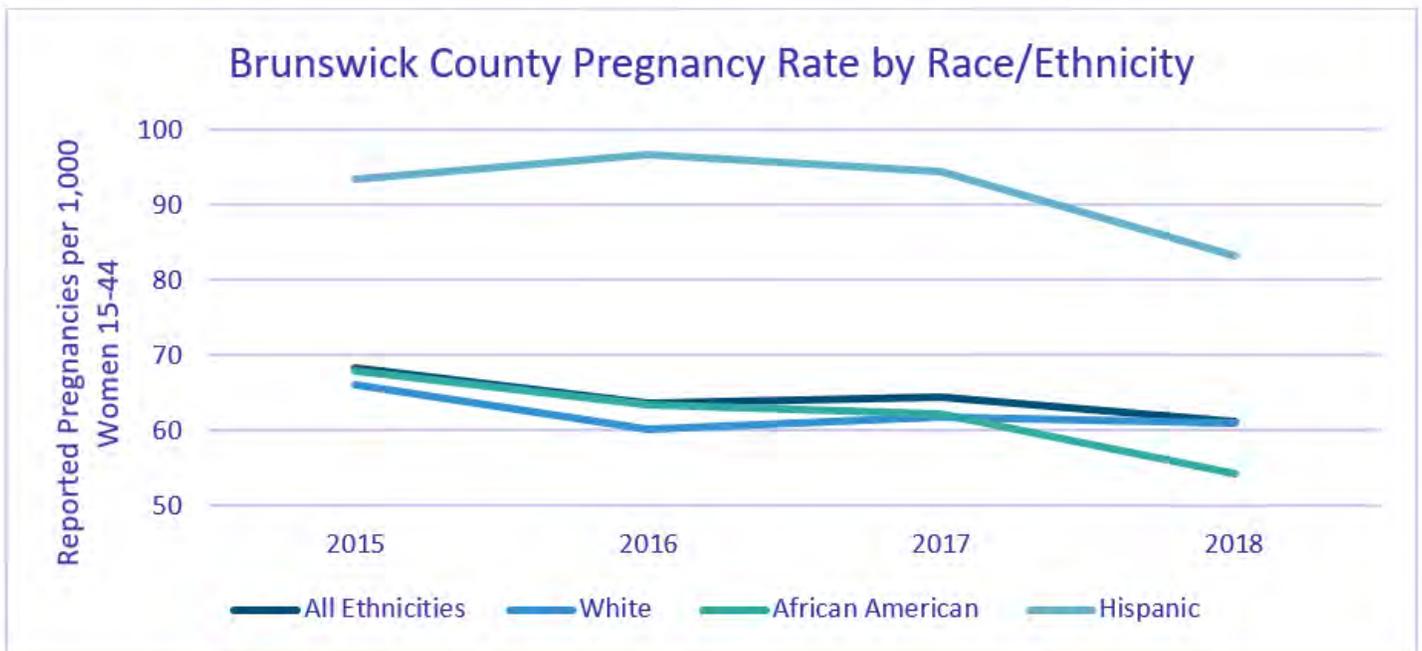
\*Note: Rate based on small numbers (fewer than 10) are statistically unstable and should be interpreted with caution.



Source: N.C. State Center for Health Statistics, County Health Data Books, 2014-2018.

## Pregnancies and Births

According to the State Center for Health Statistics, there were 987 live births in 2018 to Brunswick County residents, with the overall pregnancy rate of 61.3 per 1,000 women. Pregnancy rates have remained stable in Brunswick and across the state, though the pregnancy rate for Hispanic women is considerably higher than for other ethnicities. The graph below shows the pregnancy rate trend in Brunswick County overall, as well as the trends by race and ethnicity. Equity, accessible, and culturally appropriate access to pre-natal care is vital for the health of the mothers and babies.



Source: N.C. Center for Health Statistics, County-level Data, Vital Statistics: Reported Pregnancies

## Teen Birth Rate

**Healthy North Carolina 2030 Goal:**  
**Decrease teen birth rate (per 1,000 births)**  
 Brunswick County: 29.1  
 N.C. total: 18.7  
**Target: 10.0**

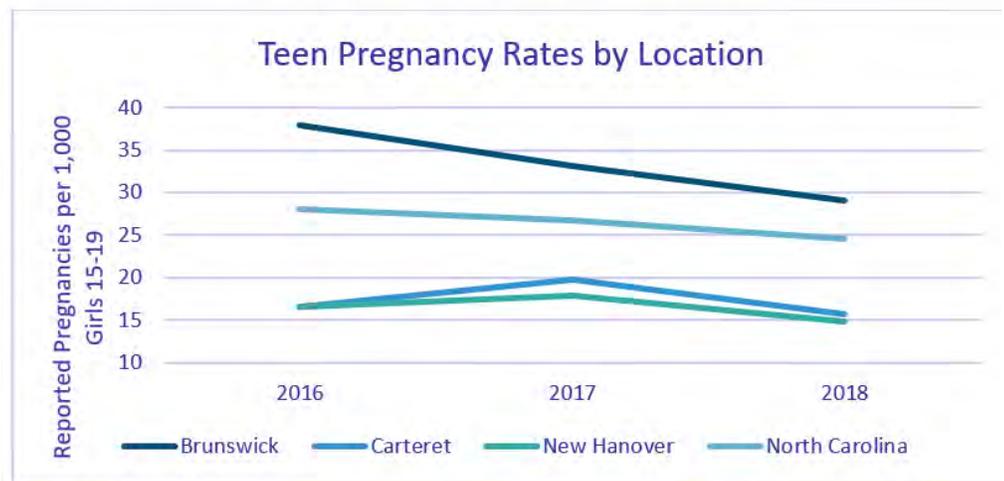


Despite the recent downward trend in teen birth rates in Brunswick County, the rate remains much greater than state and peer counties at 29.1%. However, this rate is lower than majority of North Carolina counties. The table below compares the southeastern region. In 2018, 80 of the 987 births were born to between ages 15 – 19 years old.

The graph below displays the teen pregnancy rate trend in Brunswick County compared to peer counties and the state.

### 2018 NC Resident Pregnancy Rates: Females Ages 15-19

County	Rate
Bladen	42.1
Brunswick	29.1
Columbus	37.3
Duplin	45.3
New Hanover	14.8
Onslow	50.8
Pender	21.2
Robeson	44.0
Sampson	45.7
North Carolina	18.7



Source: NC Center for Health Statistics, County-level Data, Vital Statistics: Reported Pregnancies

## Maternal and Child Health Risk Factors

Factors associated with greater teen pregnancies and other maternal risk factors include family income level, race/ethnicity, living arrangements, and geography. Brunswick County has a significantly higher percentage of children living in households that are considered poor or low-income and food insecure when compared to the state and peer counties. Nutrition is vital to human growth and development, and poor or low-income homes may struggle to maintain adequate nutrition. Additional risk factors for children include reports of child abuse and neglect, which have been steadily increasing in Brunswick County. The following figures show these child risk factors.

#### Children living in poor or low-income homes, 2016.

<b>Brunswick</b>	55.4%
<b>Carteret</b>	41.7%
<b>New Hanover</b>	42.5%
<b>North Carolina</b>	48.2%

#### Children in households that are food insecure, 2015.

<b>Brunswick</b>	25.6%
<b>Carteret</b>	24.9%
<b>New Hanover</b>	22.1%
<b>North Carolina</b>	22.6%

Source: County Health Rankings and Roadmaps, 2019

## Findings of Child Abuse and Neglect in Brunswick County, 2014-2018.



Source: Child Welfare, Reports of Abuse and Neglect section, Investigated Reports of Abuse and Neglect



**NORTH CAROLINA**

**20.1 per 1,000**

Number of Children Aged 0 – 3 Who Are Victims of Maltreatment per 1,000 Children Aged 0 – 3 in North Carolina, 2017

**14.5 per 1,000**

Number of Children Aged 4 – 5 Who Are Victims of Maltreatment per 1,000 Children Aged 4 – 5 in North Carolina, 2017

**13.4 per 1,000**

Number of Children Aged 6 – 8 Who Are Victims of Maltreatment per 1,000 Children Aged 6 – 8 in North Carolina, 2017

**73.9 per 1,000**

Rates of Emergency Department Visits for Injuries per 1,000 Children Aged 0 – 8 in North Carolina, 2017



**BRUNSWICK COUNTY**

**28.4 per 1,000**

Number of Children Aged 0 – 3 Who Are Victims of Maltreatment per 1,000 Children Aged 0 – 3 in Brunswick County, 2017

**18.2 per 1,000**

Number of Children Aged 4 – 5 Who Are Victims of Maltreatment per 1,000 Children Aged 4 – 5 in Brunswick County, 2017

**14.6 per 1,000**

Number of Children Aged 6 – 8 Who Are Victims of Maltreatment per 1,000 Children Aged 6 – 8 in Brunswick County, 2017

**68.6 per 1,000**

Rates of Emergency Department Visits for Injuries per 1,000 Children Aged 0 – 8 in Brunswick County, 2017

Source: N.C. Early Childhood Action Plan: Brunswick County Data Report

## Access to Health Care

Access to comprehensive, quality health care is critical to reducing or preventing disease, disability, and premature death. The lack of access to health care for the poor, uninsured, and under-insured is acutely felt in Brunswick County. The CHOS asked Brunswick residents what challenges they face with access to health care, to which 23% responded “waiting too long to get an appointment,” 22% responded “lack of insurance,” and 17% responded “unable to pay.” The high uninsured rate in Brunswick creates a significant barrier to health care access. Also, because employer sponsored insurance is the most common form of coverage, unemployment could mean a rise in the uninsured population. The figure below compares uninsured and unemployment rates among Brunswick County, Carteret, New Hanover, and North Carolina.

Uninsured Rates	Brunswick County	Carteret County	New Hanover County	North Carolina
<b>2019</b>	15%	12%	11%	12%
Unemployment Rates (per 100 workers)	Brunswick County	Carteret County	New Hanover County	North Carolina
<b>2018</b>	5.2%	4.3%	3.7%	3.9%
<b>2017</b>	5.6%	4.4%	4.1%	4.5%

Source: County Health Rankings and Roadmaps, 2019. N.C. Dept of Commerce, Labor & Economic Analysis Division.

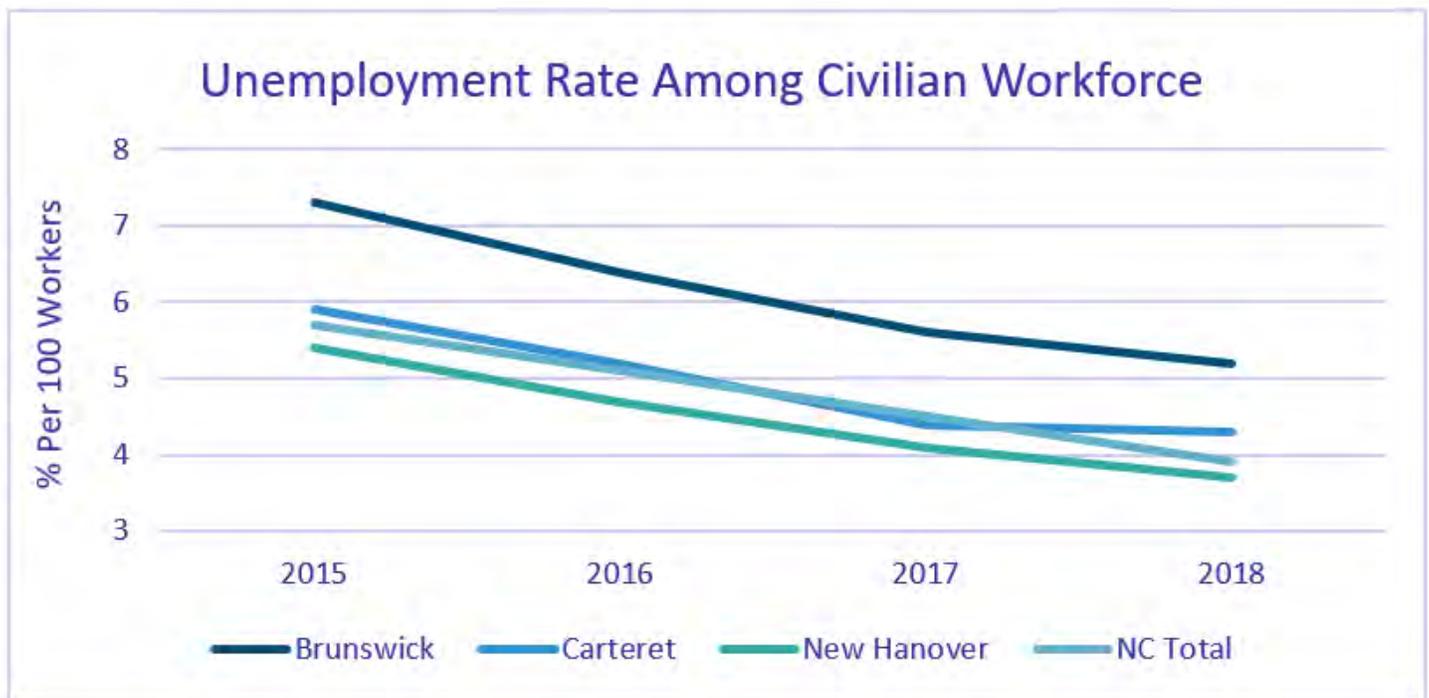
Beyond the financial strain, unemployment is correlated to adverse health outcomes related to stress. In Brunswick County, uninsured rates are highest among those working in construction, retail, and food service. These fields rarely offer health insurance as a benefit. In Brunswick, 37.6% of residents worked in these industries in 2018. As of 2019 in Brunswick County, 13,022 residents had no health coverage.

**Healthy North Carolina 2030 Goal:**  
**Decrease uninsured rates**  
 Brunswick County: 15%  
 N.C. total: 13%  
**Target: 8%**



HNC 2030 identifies uninsured and unemployment rates as health indicators. The target goal is 8% for uninsured rates and to reduce the unemployment disparity ratio between white and other populations to 1.7 or lower.

The figure below compares unemployment rates in Brunswick, peer counties and statewide. Although, unemployment rates are trending downward (positively), the percentage unemployed per 100 workers is still higher than the state and peer counties.



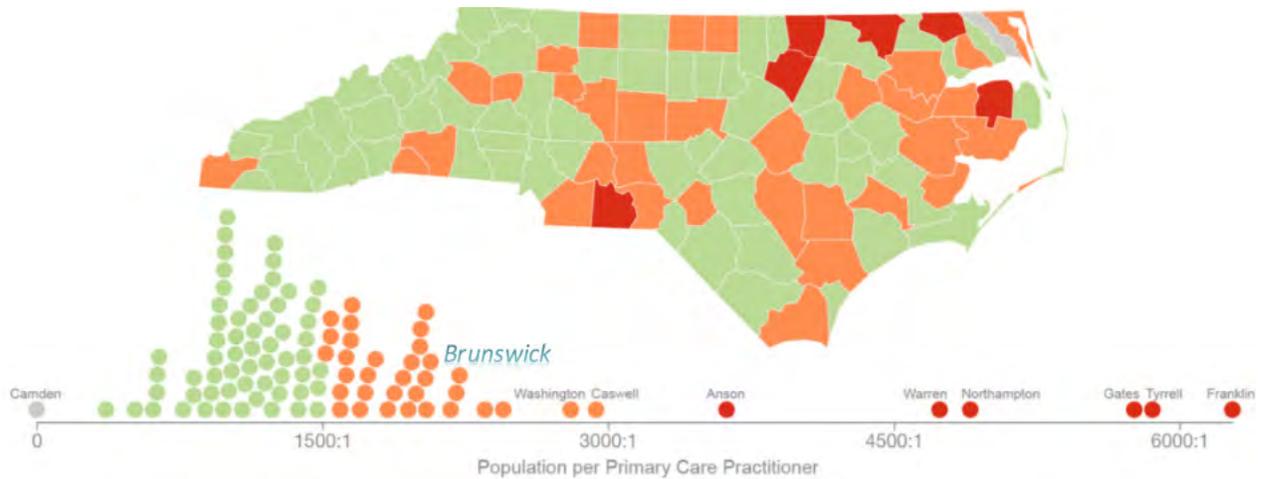
Source: North Carolina Department of Commerce, Labor and Economic Analysis Division (LEAD).  
Local Area Unemployment Statistics (LAUS) - Unemployment Rate (%)

Although barriers to access health care are greater among the uninsured, insurance alone may not translate into access to care. Even among those insured in Brunswick County, substantial barriers to accessing services inhibit healthcare utilization. Several of these barriers are social determinants of health or non-medical drivers of health. Focus group participants reported these barriers such as lack of finances for healthcare, absence or unaffordable insurance, and lack of transportation to get to appointments.

### Primary Care Providers

CHOS respondents were asked which areas need most improvement in their neighborhood, to which 20% selected "more affordable health services" and 16% selected "number of healthcare providers." Brunswick County continues to be designated as a medically underserved area, with only one primary care provider (PCP) per 2,150 residents. In comparison, the NC county average is one PCP per 1,420 residents. Primary care provider data does not include physicians living on the edge of counties or who practice in multiple locations. Many Brunswick County residents may seek care in surrounding counties, which is not represented by this measure. The figure below represents the statewide ratio of population per primary care providers.

## Population per Primary Care Provider in North Carolina, 2019



Source: NC Health Professions Data System, Program on Health Workforce Research and Policy, UNC Chapel Hill.

### Healthy North Carolina 2030 Goal: Increase the primary care workforce

Brunswick County: 1:2,150  
N.C. total: 1:1,500 (62 counties)  
**Target: 1:1,500 (100 counties  
or 25%)**



The target ratio for Healthy N.C. 2030 is a statewide average, for all 100 counties, to reach one PCP per 1,500 residents OR decrease the ratio by 25%.

Access to primary care is associated with fewer health care disparities and improved health outcomes. When CHOS respondents were

asked what they would do if they wanted to improve their health, 14% selected “go to primary care providers” and 13% selected “get preventative screenings.” Yet shortages of health care professionals may impede residents’ ability to get the care they need.

## Mental Health Services

Mental health was identified as the number one most needed health screening in the Brunswick CHOS, selected by 56.6% of respondents. According to the 2019 County Health Rankings, Brunswick County faces a shortage of behavioral health providers, with only one provider per 1,210 residents. By way of comparison, Carteret has a ratio of one provider per 680 residents, New Hanover has one provider per 260 residents, and the N.C. county average is one provider per 440 residents. Mental health provider data come from the National Provider Identification data file. Small providers who do not transmit electronic records may not have an identification number and are not included in this measure. Some providers may also be registered with an address in one county, while

### Healthy North Carolina 2030 Goal: Reduce suicide rate (per 100,000 people)

Brunswick County: 13.4  
N.C. total: 13.8  
**Target: 11.1**



practicing in another county. Like the primary care provider measure, this number does not represent Brunswick County residents who seek mental health care in surrounding counties.

practicing in another county. Like the primary care provider measure, this number does not represent Brunswick County residents who seek mental health care in surrounding counties.

Healthy N.C. 2030 has identified suicide rate as an indicator of mental health outcomes. The HNC 2030 goal is to reduce suicide rates to 11.1 (per 100,000 population) by improving access and treatment for mental health needs.

Although Brunswick County has slightly lower suicide rates than North Carolina overall, suicide is the third leading cause of death for ages 20-39 in Brunswick County as well as the State of North Carolina.

## Health Department Services

The Brunswick County Health Services offers a variety of health services and programs for children and adults, including many services with income-based sliding scale fees for the uninsured (cash, checks, and most major health insurance plans are also accepted). They also provide health education and community outreach services.

### Health Department Clinical Services, Fiscal Years 2016-19

Clinical Program	7/1/15-6/30/16	7/1/16-6/30-17	7/1/17-6/30/18	7/1/18-6/30/19
<b>Breast and Cervical Cancer Control Program (BCCCP)</b>				
Patients	275	252	236	186
<b>Communicable Disease Control (Epidemiology)</b>				
Patients	2	2	8	5
Visits	2	2	8	5
<b>Family Planning</b>				
Patients	937	946	939	867
Visits	1879	1834	1849	1747
<b>Immunizations (all immunizations given in clinic and community outreach programs)</b>				
Patients	5654	5210	5194	5312
Visits	6428	5843	5776	5857
School Immunizations	1097	1455	1697	1634
Flu Shots	4000	4074	4081	4569
Shingles	60	55	55	117
Total Given	6481	6187	6638	6700
<b>Maternity Health</b>				
Patients	238	260	341	364
Visits	1526	1430	1604	1861
<b>Pediatric (Child Health)</b>				
Patients	780	796	737	744
Visits	2088	2452	2134	2028
<b>STD</b>				
Patients	604	598	684	664
Visits	782	787	930	893
<b>Tuberculosis (TB)</b>				
Patients	57	58	50	57
Visits	206	235	106	232

Source: Brunswick County Health Department, 2019

**Health Department Care Coordination for Children (CC4C),  
January 2015 – September 2018**

<b>6-Month Period Ending</b>	<b># of Medicaid Children Age 0&lt;5</b>	<b># of Medicaid Children Age 0&lt;5 Contacted by CC4C CM</b>	<b>% of Medicaid Children Age 0&lt;5 Contacted by CC4C CM</b>
Apr-Sept 2018	3,514	312	8.9%
Jan-Mar 2018	3,448	275	8.0%
Jul-Dec 2017	3,514	477	13.6%
Jan-Jun 2017	3,475	397	11.4%
Jul-Dec 2016	3,348	268	8.0%
Jan-Jun 2016	3,459	239	6.9%
Jul-Dec 2015	3,559	195	5.5%
Jan-Jun 2015	3,534	239	6.8%

Source: Brunswick County Health Department, 2019

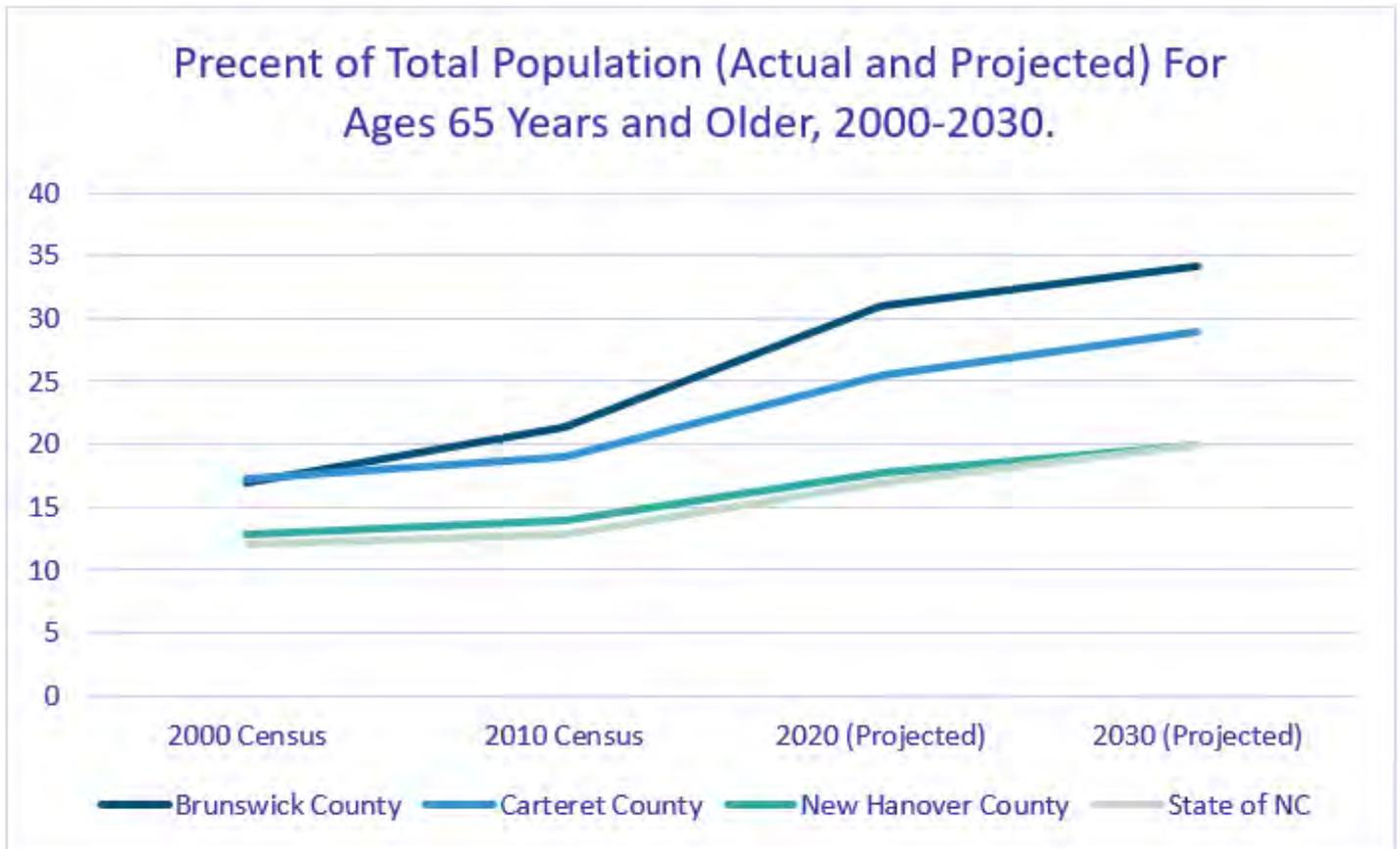
**Health Department Laboratory Procedures, January 2017 – June 2019**

<b>Laboratory Procedures</b>	<b>January 1, 2017 - June 30, 2017</b>	<b>July 1, 2017 - June 30, 2018 (Excludes Sept. 2017)</b>	<b>July 1, 2018 - June 30, 2019</b>
In-house Procedures	6,561	11,143	11,083
Outside Procedures	3,182	5,512	5,817

Source: Brunswick County Health Department, 2019

## Aging Population

With an aging population statewide and Brunswick's appeal as a retirement destination, the population over the age of 65 is expected to grow steadily in the coming years. According to census data, the population of Brunswick residents age 65+ is projected to be 34.2% of the population by 2030 compared to 16.9% in 2000.



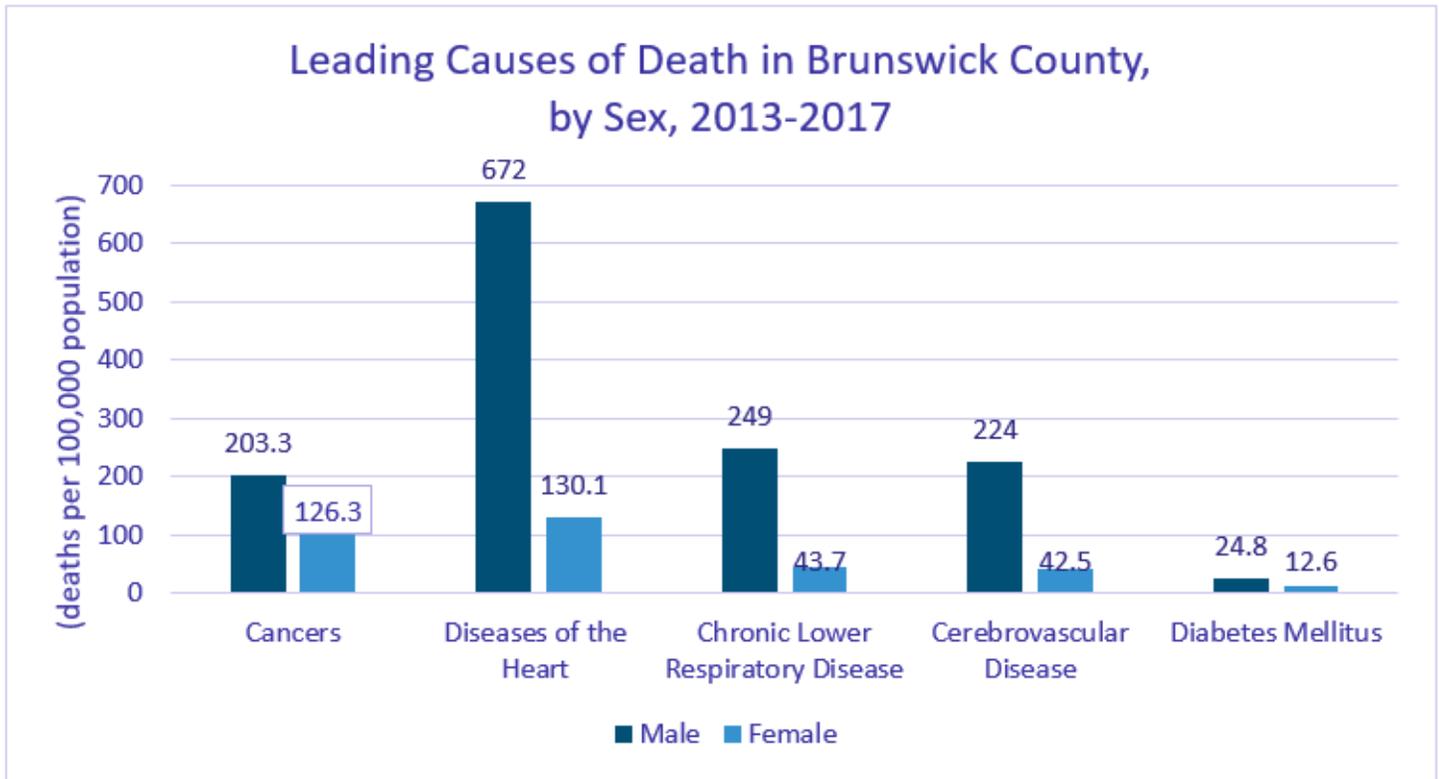
Source: Log Into North Carolina (LINC) Database, Total Population.

Data also shows that 24% of emergency department visits in Brunswick County (Dosher) were individuals ages 65-84 years old. In both the Brunswick CHOS and focus groups, participants voiced concerns regarding elderly populations not receiving enough health care. When asked which areas need the most improvement in their community, 26% of respondents selected "elder care options." Across all CHOS respondents, 78% reported "Medicare or Medicare Supplement Plan" as their personal or primary household health insurance coverage.

The CHOS also noted community concerns about mental health screenings for seniors, with 36% of respondents selecting "Cognitive disorders (Dementia and Alzheimer's)" as the most needed health screening in the community. As of 2018, Alzheimer's disease was the sixth leading cause of death in Brunswick County. Disparities in Alzheimer's mortality exist in racial/ethnic groups, with the five-year rate of white, non-Hispanic at 23.0, and African American, non-Hispanic at 37.7.

## Chronic Conditions

Results of the community health opinion survey showed that 19.6% of Brunswick residents considered chronic disease to be the biggest health concern in their community. When participants of focus groups were asked the same question, chronic disease was also the most selected response. In Brunswick County, disparities exist between male and females for chronic disease death rates, with males averaging higher rates in most categories. The figure below represents this gender disparity.



Source: N.C. State Center for Health Statistics, County Health Data Book (2019), Mortality.

According to the N.C. State Center for Health Statistics, the top ten leading causes of death in Brunswick County (in order) for 2019 are the following: Cancer, Diseases of the heart, Chronic lower respiratory disease, Cerebrovascular disease, All other unintended injuries, Alzheimer's disease, Diabetes mellitus, Nephritis, nephrotic syndrome and nephrosis, Pneumonia and influenza, and Unintentional motor vehicle injuries.

### Top 5 Leading Causes of Death

(rates per 100,000 for 2013-2017)

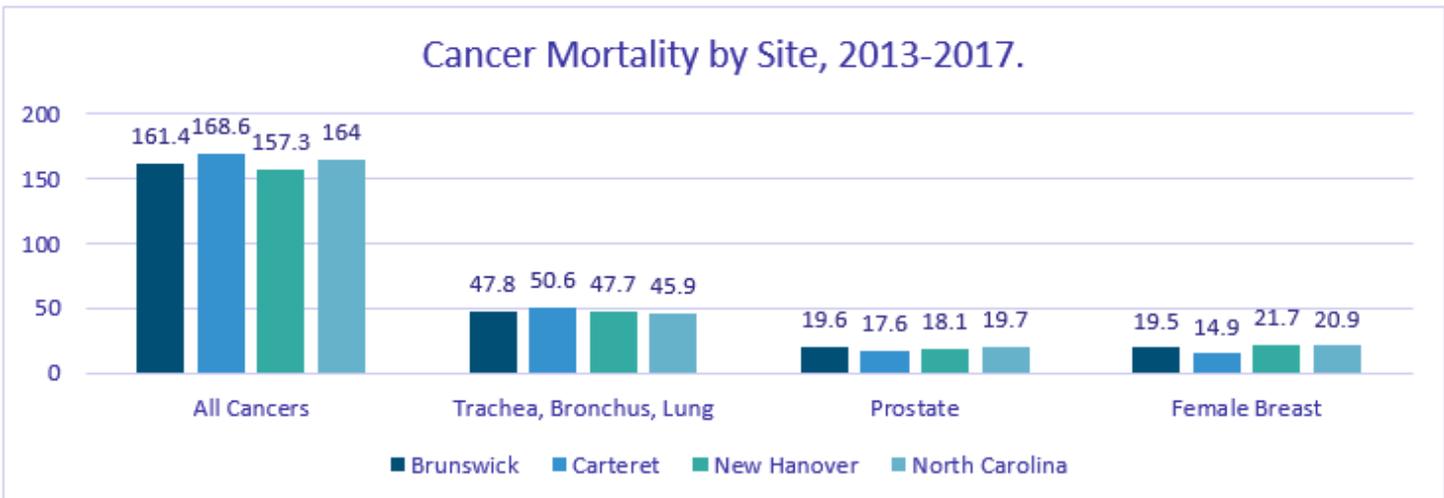
Rank	Cause	Brunswick County	NC
1	CANCER	161.4	164.0
2	DISEASES OF THE HEART	161.4	159.8
3	CHRONIC LOWER RESPIRATORY DISEASE	45.9	45.5
4	CEREBROVASCULAR DISEASE	40.4	43.2
5	ALL OTHER UNINTENDED INJURIES	49.2	34.6

Source: NC State Center for Health Statistics, County Health Data Book 2019.

As seen in the figure above, Brunswick County has higher rates of heart disease, chronic lower respiratory disease, and all other unintended injuries when compared to statewide rates. When compared to peer counties, Brunswick had higher death rates for heart disease, chronic lower respiratory disease, and all other unintended injuries.

### Cancer

Cancer is the leading cause of death in North Carolina and in Brunswick, Carteret, and New Hanover Counties. Trachea, bronchus, and lung cancers are the most common sites for fatal cases of cancer in Brunswick County, followed by prostate and female breast cancer. Brunswick County CHOS and focus group participants noted cancers as one of the biggest health concerns in the community as well as one of the most needed health screenings.



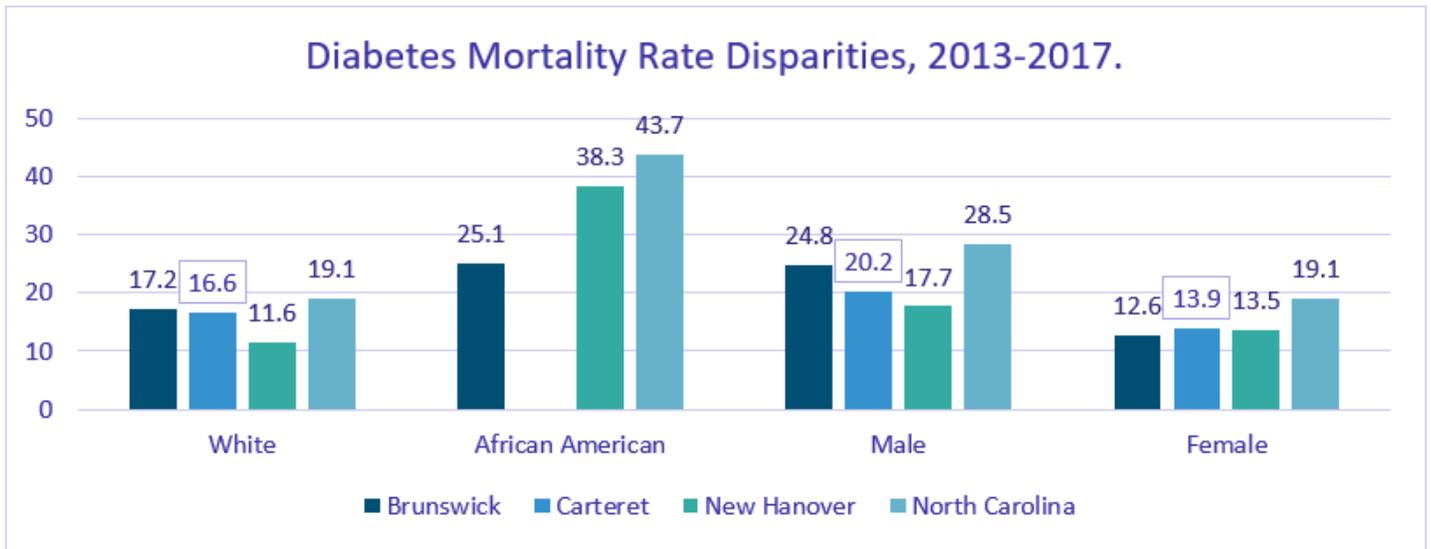
Source: N.C. State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality.

## Diseases of the Heart

Heart disease is the second leading cause of death in North Carolina and across all three counties. Research indicates that blood pressure readings have a strong association with heart disease, and 46.4% of CHOS respondents selected blood pressure as one of the most needed screenings in the community.

## Diabetes

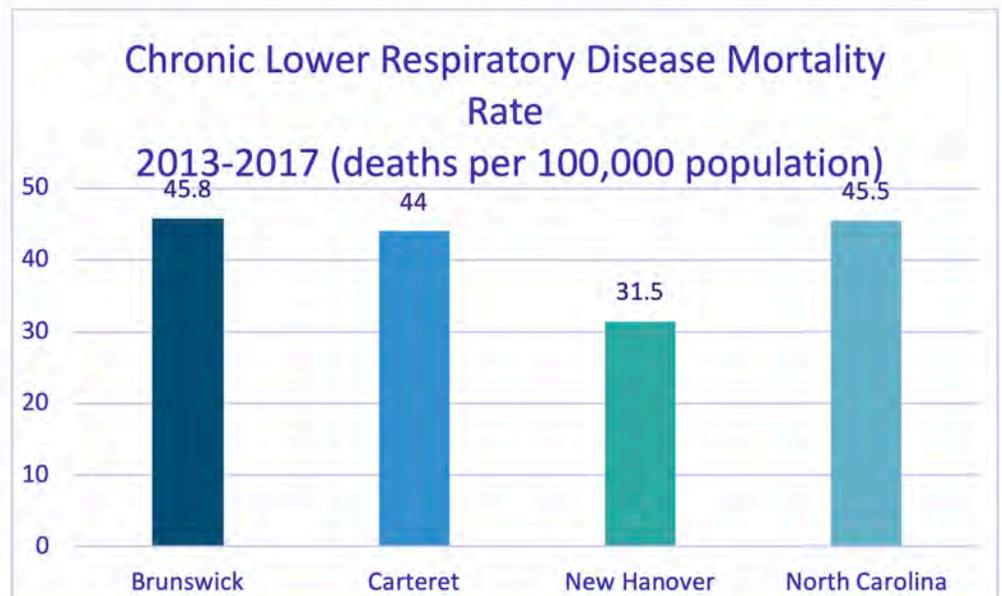
Diabetes mellitus is the seventh leading cause of death in Brunswick County. The diagnosed diabetes prevalence in Brunswick has been trending upwards since 2014, from 11.4 to 12.8 in 2016. Disparities in diabetes mortality also exist among race and gender in Brunswick, as shown in the figure below.



Source: N.C. State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality.  
Note: Data unavailable for African American mortality rates in Carteret.

## Tobacco Use

Chronic lower respiratory disease refers to a group of conditions affecting the lungs, caused by long-term exposure to cigarette smoke. Chronic lower respiratory disease mortality in Brunswick County is 45.7 per 100,000, which is similar to the statewide rate of 45.5, but higher than New Hanover County rate of 31.5.



Source: N.C. State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality.

## Vaping

The NC Department of Health and Human Services has been investigating cases of severe lung injury associated with e-cigarette use or vaping since mid-July 2019. Among the North Carolina cases interviewed: 80% vaped THC, 75% vaped flavors, 70% vaped nicotine, 50% vaped THC and nicotine, and 30% vaped CBD. Chemicals in e-cigarettes can damage lung tissue, provoking inflammation. That damage can reduce the ability of the lungs to keep out germs and harmful substances. While county level data is not yet available, most cases statewide are being reported in younger adults and teenagers. According to the Centers for Disease Controls and Prevention (CDC), e-cigarettes are the most commonly used tobacco products among U.S. middle and high school students. Vaping devices contain high amounts of nicotine and other chemicals that can significantly harm adolescent brain development. The CDC also advises that tobacco use in any form, including e-cigarettes, is unsafe for youth.

## Social Determinants of Health

Social determinants of health are the social and economic conditions that influence the health status of individuals and populations. These include factors like physical environment, socioeconomic status, education, employment, and access to care. Social determinants have a far greater effect on health than the effect of behavioral factors like smoking, diet, physical activity, and alcohol consumption. The relative contribution of various determinants of health are shown in this figure.

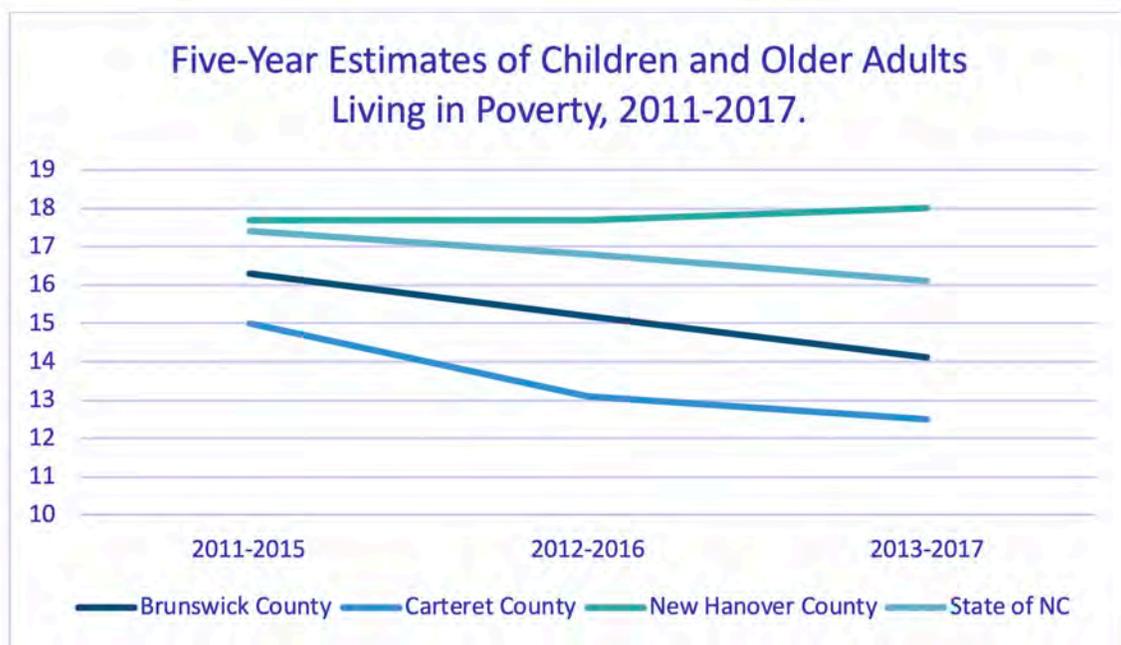


Source: Institute for Clinical Systems Improvement, Going Beyond Clinical Walls: Solving Complex Problems, 2014.

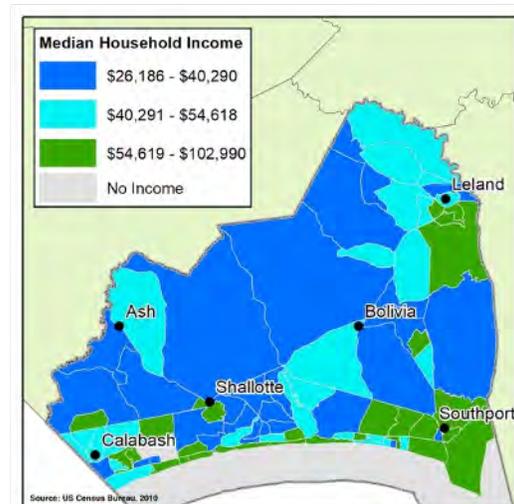
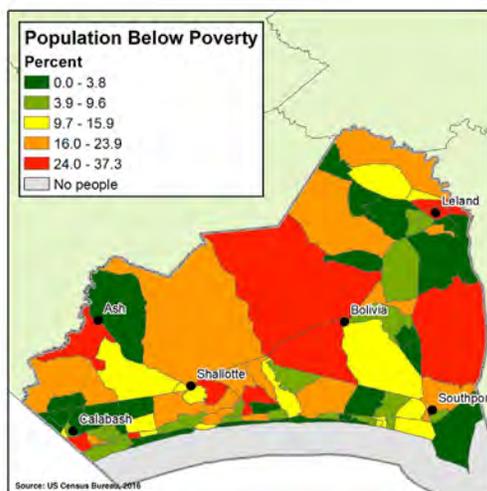
While clinical health care is necessary, social and economic factors can create barriers to access care. The previous section highlights the impact employment and transportation may have on access. These social and economic determinants drive health outcomes from birth to death, with people who face greater social and economic challenges also suffering higher rates of morbidity and mortality. The six social and economic health indicators identified by HNC 2030 are: individuals below 200% federal poverty level (FPL), unemployment rate, short-term suspension rate, incarceration rate, adverse childhood experiences, and third grade reading proficiency. This section will highlight some of these non-medical drivers of health, while others are highlighted throughout the report.

## Poverty

Although Brunswick County has seen a decline in unemployment and the percent of the population living in poverty, there are still geographic disparities. Wealth concentrated in the coastal and northern parts of the county is contributing to this disparity.



Source: US Census Bureau, American Community Survey 5-Year Estimates, Table DP03: Selected Economic Characteristics



## Physical Environment

The places we live, learn, work, and play make up our physical environment. The many components of a physical environment can strongly influence a person's health. Healthy N.C. 2030 health indicators for physical environment include access to exercise opportunities, access to healthy foods, and prevalence of housing quality problems. Although not part of HNC 2030, another factor of the physical environment is transportation.

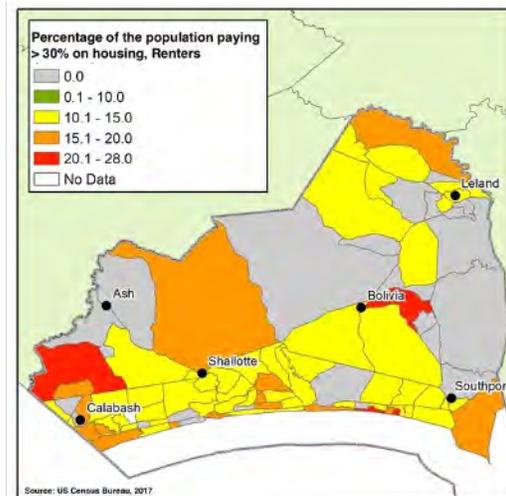
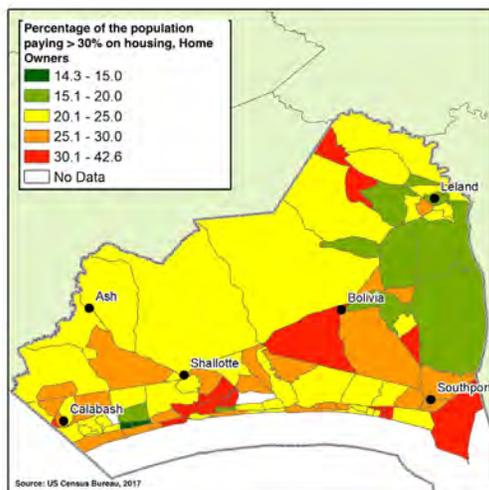
## Housing Quality

Housing quality is an important determinant of overall health and well-being. Severe housing problems can include high housing costs, overcrowding, or a lack of kitchen or plumbing facilities. Data from 2017 shows that 47.5% of renter-occupied housing units in Brunswick spent over 35% of their household income on rent, while 27.7% of owner-occupied units spent over 35% of their income. These statistics are both over 7% higher than those statewide. Additionally, 37.3% of housing units were estimated vacant in Brunswick County as of 2017, another potential area for concern. Survey and focus group respondents both noted a lack of affordable housing as a top factor negatively affecting the quality of life in Brunswick County.

**Healthy North Carolina 2030 Goal:  
Improve housing quality**  
Brunswick County: 16.0%  
N.C. total: 16.1%  
**Target: 14.0%**



The Healthy N.C. 2030 goal is to improve housing quality, with a target of 14.0% of the population experiencing severe housing problems.



## Access to Exercise Opportunities

Regular physical activity fosters growth and development, improves brain health, and reduces the risk of many chronic diseases. Access to exercise opportunities data measures the percentage of individuals who live within a half mile of a park or three miles of a recreational facility for rural areas (urban area is one-mile radius). This measure does not include all exercise opportunities within a community. Sidewalks and shopping centers, which may serve as locations for running or walking; HOA amenities in neighborhoods; and school gyms, are not measured in this data.

Based on the data available, Brunswick County is slightly ahead of the state average for access to exercise opportunities, but has a lower percentage compared to Carteret at 91%, New Hanover at 87% and the Healthy N.C. 2030 goal of 93%.

**Healthy North Carolina 2030 Goal:**  
**Increase access to exercise opportunities**  
 Brunswick County: 76%  
 N.C. total: 73%  
**Target: 92%**



The Healthy N.C. 2030 goal is to increase access to exercise opportunities to 92% of the population having access to exercise opportunities, such as parks or recreational facilities.

In recent years, Brunswick County has made significant investments in senior centers and parks. Project costs and locations are displayed in the chart. The improvements made to park facilities, and the expansion of senior center locations have increased residents' access to exercise classes and recreational activities.

Project	Year Construction Contract Approved	Project Cost
Brunswick Waterway Park Improvements	In progress	4,029,208
Waccamaw Multiuse Building	Under Design	3,800,000
OIB Park Improvements	FY 18	5,850,000
Smithville Park Improvements	FY 17	6,189,666
Calabash Senior Center	FY 17	2,368,757
Supply Senior Center	FY 17	952,683
Leland Senior Center	FY 16	2,839,996
Waccamaw Park Improvement	FY 15	3,700,150
Town Creek Park Improvement	FY 14	5,194,682
Shalotte Senior Center	FY 12	800,000
Southport Senior Center	FY09	2,589,281
Ocean Isle Beach Park	FY09	3,145,750
Cedar Grove Park	FY08	5,779,761
	<b>Total</b>	<b>47,239,934</b>

Source: Brunswick County Finance

## Access to Healthy Foods

A nutritious diet is an essential building block of mental and physical health. Unfortunately, affordable and nutritious food is not easily accessible in some communities. Limited access to healthy foods has been linked to negative health outcomes including obesity, diabetes, and heart disease. Data from 2018 shows that 14% of Brunswick County residents are food insecure and 6% have limited access to healthy foods. Food insecurity is considered the disruption of nutritious food consumption due to lack of money and other resources, where limited access to healthy foods refers to people who do not live in close proximity to a grocery store.

*“Whether it’s access to healthcare, access to recreation, access to healthy food, a lot of it is geared toward whether you have a car. And then it’s geared toward whether you’ve got gas money to put gas in the car...”*

*Focus Group Participant*

### Healthy North Carolina 2030 Goal: Increase access to healthy foods

Brunswick County: 6%

N.C. total: 7%

**Target: 5%**



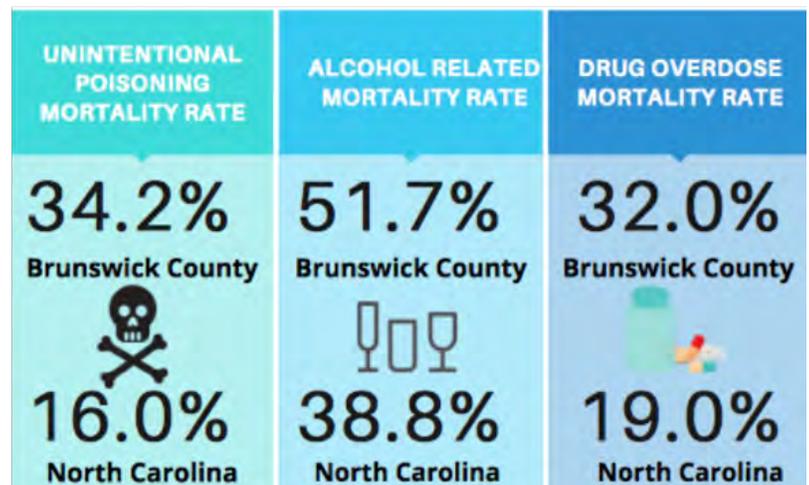
The Healthy N.C. 2030 goal is to increase access to healthy foods, with a target of 5% of the population having limited access to healthy foods.

## Transportation

As highlighted in the access to health care section, transportation is a barrier to access to available resources in the community. Although, there is a 17-fleet public transit system in the county, it has some limitations, such as reservations required, an hour appointment could involve a day long trip, and limited hours of operation. The large geography of the county may also cause a financial strain on those with access to a car. Furthermore, driving distance may be limit a resident’s ability to access a primary care provider or specialist.

## Substance Misuse

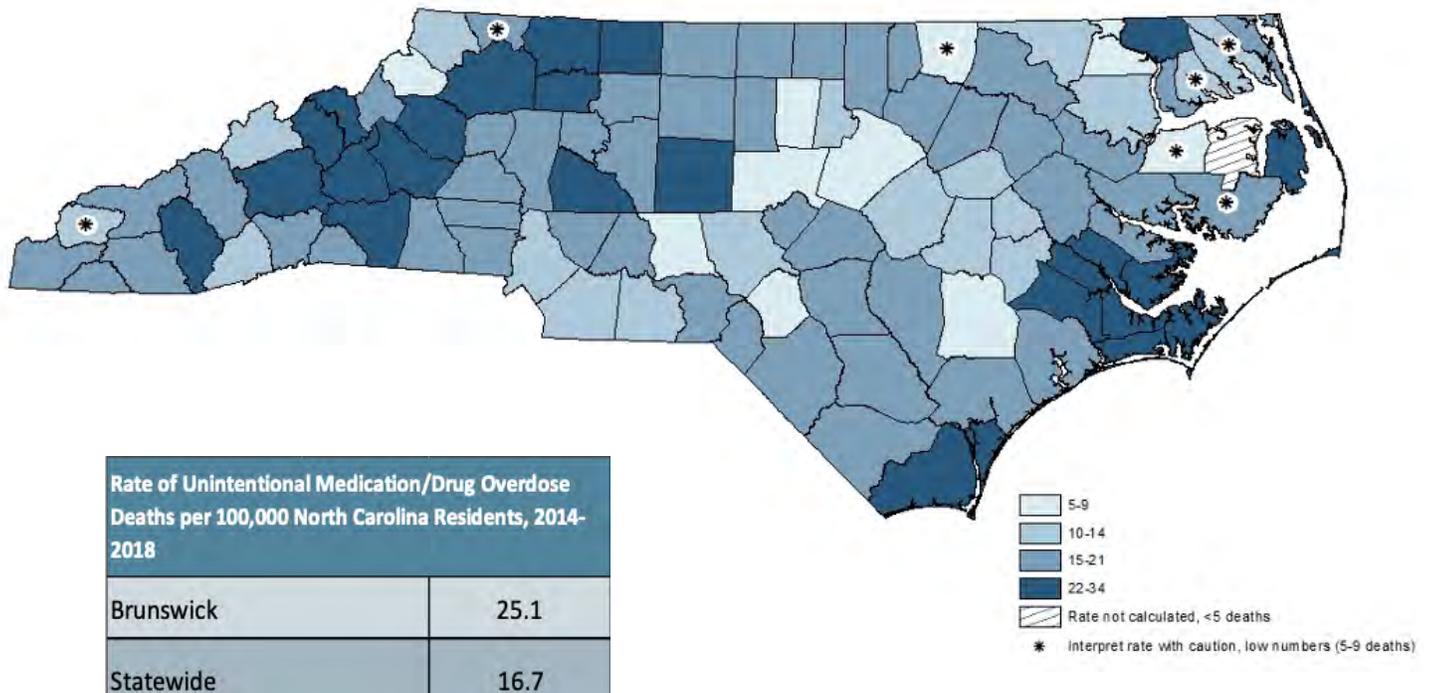
Substance use and abuse are major contributors to death and disability in Brunswick County and North Carolina as a whole. Substance abuse involves the misuse of alcohol, legal, and illegal drugs. People who suffer from abuse or dependence are at risk for injuries and disability, co-morbid health conditions and premature death. Substance abuse has adverse consequences for families, communities and society. This figure shows the drug overdose mortality rates, unintentional poisoning mortality rates, and alcohol related mortality rates in Brunswick County compared to NC totals.



Source: N.C. State Center for Health Statistics, Vital Statistics, 2018.

The Centers for Disease Control and Prevention defines a poison as “any substance that is harmful to your body when ingested, inhaled, injected, or absorbed through the skin.” An unintentional poisoning is a poisoning in which the individual exposed to the substance is not attempting to cause harm to himself/herself or others. This includes unintentional overdoses of prescription or recreational drugs. Other potential poisons include exhaust fumes and gases, pesticides, acids, organic solvents, and petroleum products. Brunswick County’s rate of unintentional medication and drug overdose deaths was 25.1 per 100,000 people (2014-2018) compared to the statewide rate of 16.7 per 100,000. The map below shades NC counties based on their respective unintentional medication/drug overdose death rate.

### Rate of Unintentional Medication & Drug Overdose Mortality (per 100,000 NC Residents) 2014-2018.



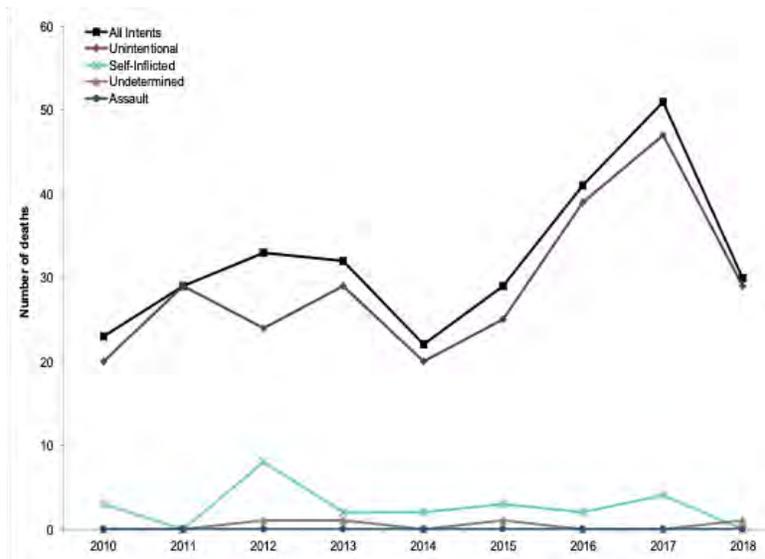
Source: Deaths-N.C.. State Center for Health Statistics, Vital Statistics; Population-NCHS

## Opioid Use

The rate of unintentional opioid-specific overdose deaths in Brunswick is 22.2 per 100,000 residents, considerably higher than the statewide rate of 13.6 per 100,000. The rate of outpatient opioid pills dispensed per resident in Brunswick County in 2018 was 56.4, compared to 43.7 statewide. Data also shows a 20-point percentage increase, from 2016 to 2017, in opioid poisoning emergency department visits resulting in deaths. While substance misuse is considered one of the county’s top concerns, the most recent preliminary data shows a downward trend in opioid overdose deaths and ED visits. This data is available on the N.C. Opioid Action Plan Data Dashboard. The thirteen data metrics available on the dashboard are used to track and monitor state and county-level progress made on the opioid epidemic.

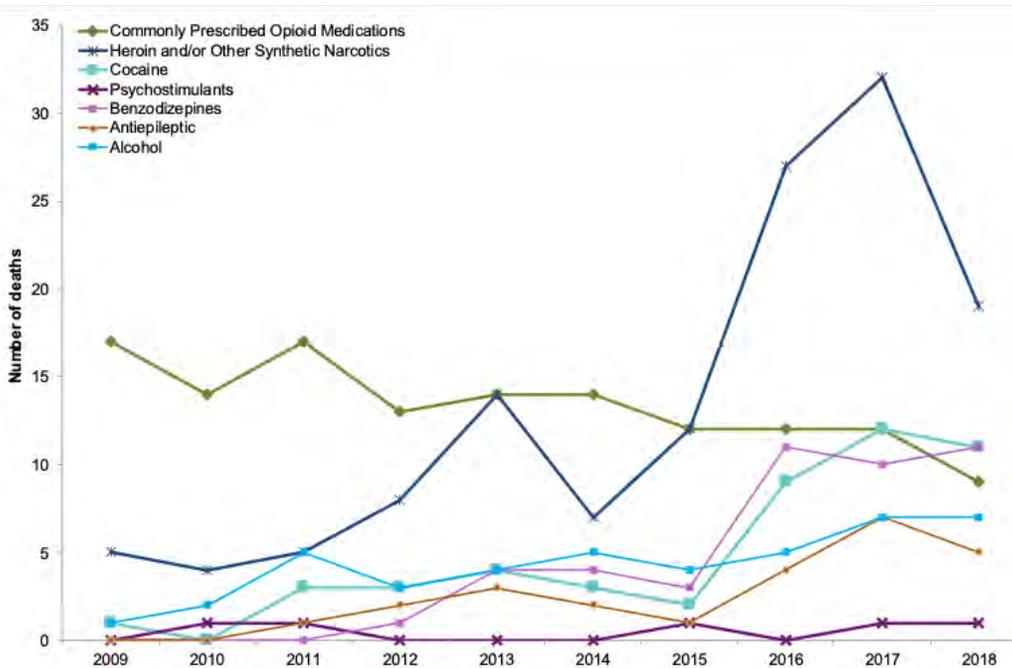
The following graphs show that there has been a decrease in the number of medication and drug overdose deaths in Brunswick County in recent years. It is also evident in the second graph that synthetics other than opioids are contributing to unintentional overdose deaths.

## Brunswick County Medication & Drug Overdose Deaths by Intent



Source: Deaths-N.C. State Center for Health Statistics, Vital Statistics  
Analysis by Injury Epidemiology and Surveillance Unit

## Substances\* Contributing to Unintentional Overdose Deaths, Brunswick County



\*These counts are not mutually exclusive. If the death involved multiple substances it can be counted on multiple lines.

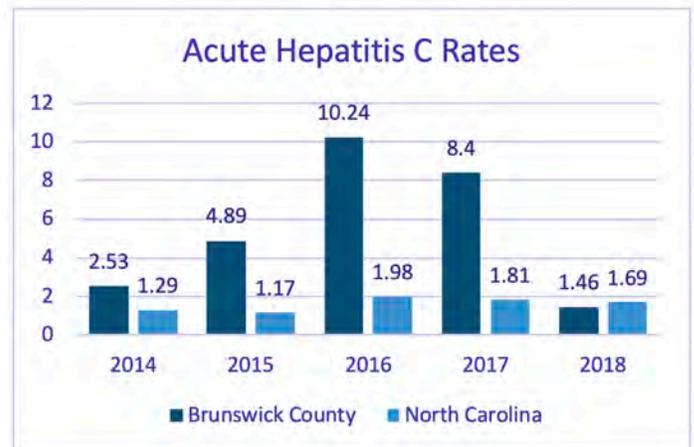
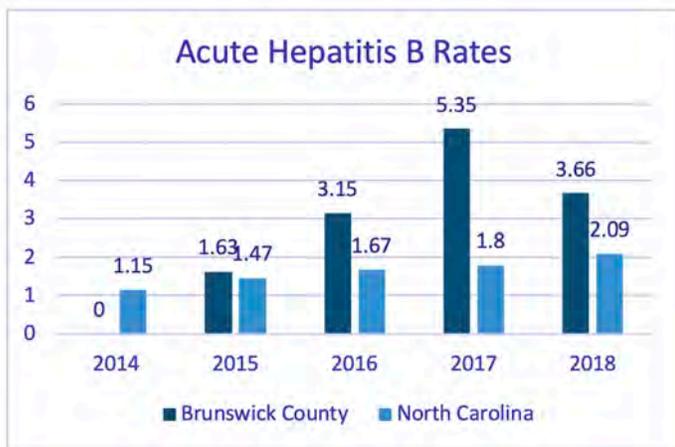
Source: N.C. State Center for Health Statistics, Vital Statistics-Deaths,  
Unintentional medication, drug, alcohol poisoning; X40-X45 with any mention of specific T-codes by drug type  
(Commonly Prescribed Opioids, Heroin, Other Synthetics, Benzodiazepines, Cocaine, and Alcohol).  
Analysis by Injury Epidemiology and Surveillance Unit

## Hepatitis

According to the N.C. Department of Health and Human Services (NCDHHS) Communicable Disease Branch, injecting drug use (IDU) has been a growing risk factor for newly acquired (acute) hepatitis infections. Acute hepatitis B infections do not always cause symptoms. Most children under the age of 5 and newly infected adults with weakened immune systems generally don't have symptoms. Therefore, infections are often overlooked or missed all together.

Incidence of acute hepatitis C was almost five times higher in Brunswick County than the rest of the state in 2016 but has since dropped below state average. Hepatitis C is often undiagnosed and under reported. Only approximately 20-30% of those newly infected with Hepatitis C experience symptoms. Usually symptoms are mild and unlikely to prompt a visit to a health care professional for testing. Of every 100 people infected with HCV, approximately 75-85 will develop chronic infection, and 10-20 will develop cirrhosis over a period of 20-30 years.

In July 2016, the NCDHHS Communicable Disease Branch selected Brunswick County and other Region 8 counties to start hepatitis C testing at the N.C. State Lab. Free testing is available for baby boomers born between 1945-1965, individuals using injection drugs or having a history of injection drug use or are HIV infected. Free or low-cost treatment is available at two locations in Brunswick County for those with positive test results.



Source: NCD3: North Carolina Disease Data Dashboard. All rates shown are per 100,000 population

## Substance Misuse Initiatives

Progress made in Brunswick County is attributed to programs and initiatives implemented in recent years; such as, Brunswick County Sheriff’s Office Anchor Initiative, Brunswick County Treatment Court, and the Brunswick County Substance Use and Addiction Commission. Through the Anchor Initiative, individuals with addictions can contact the Sheriff’s Office through self-referral, social referral or officer interaction. Individuals are put in immediate contact with an Anchor coordinator, who respond and complete an assessment. The Initiative strives to keep costs for these individuals as low as possible, paying for the transportation, Detox, and initial entrance fees to treatment providers.

Brunswick County Treatment Court is a holistic approach for offenders who seek to end the cycle of addiction and manage mental illness. The Court adheres to the core principals of the National Association of Drug Treatment Court Professionals and collaborates regularly with a substance abuse and mental health specialist. In October 2018, the Brunswick County Board of Commissioners established the Brunswick County Substance Use and Addiction Commission to address the crisis of substance addiction and advocate to improve treatment options for individuals with substance use disorder.

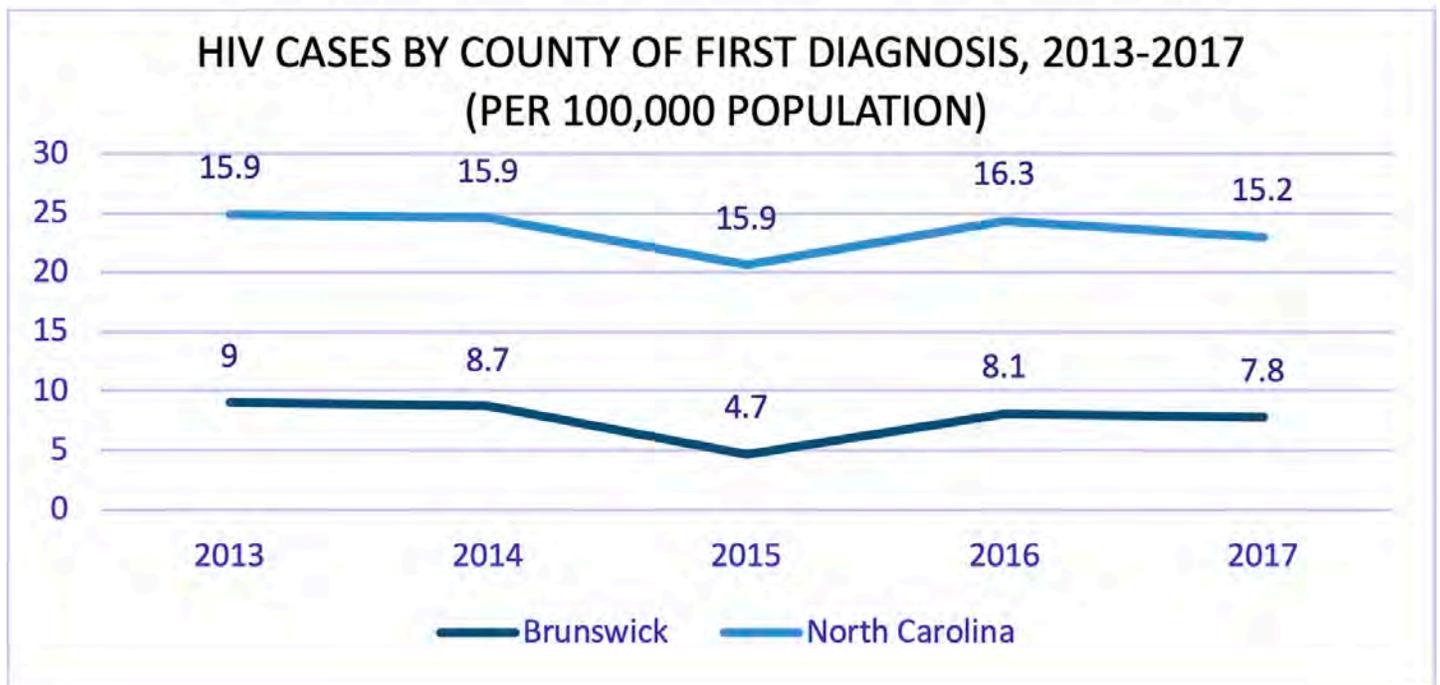
Brunswick County Health Services (BCHS) partners with the Brunswick County Sheriff’s Office to encourage residents to protect their families by using the secure collection drop boxes located at several Sheriff’s Office and police department locations.

Free medication disposal pouches are also available at BCHS. Pouches can be used to dispose of pills, liquids, and patches. Once adsorbed by the carbon inside the bag, the drugs are ineffective for abuse and safe for disposal in landfills. BCHS distributes medication lock boxes to families with children under age 18 living in their household and promotes the “Lock Your Meds” campaign by providing educational pamphlets to parents about reducing the risk of accidental medication overdose in children.

Brunswick County law enforcement and EMS carry Naloxone, which is the reversal agent for heroin and other opioid overdoses. Coastal Horizons distributes Naloxone kits to Brunswick County clients, as well as friends and families of individuals who may be at risk of an overdose.

## HIV and AIDS

The human immunodeficiency virus (HIV) causes HIV infection and over time, acquired immunodeficiency syndrome (AIDS). HIV is transmitted from one person to another through blood, semen, vaginal secretions, and breast milk. HIV rates in Brunswick County have remained relatively constant and below the North Carolina rate. The figure below compares Brunswick and NC rates. Brunswick County should continue to monitor HIV cases, as intravenous drug use increases risk of contracting HIV.



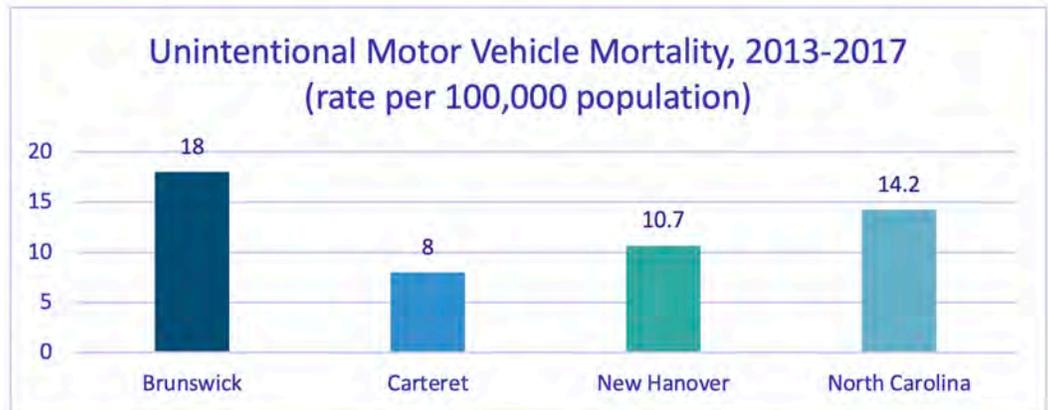
Source: NC Division of Public Health, Epidemiology Section, and Communicable Disease Branch: 2017 NC Annual Report

## Road Maintenance (Unsafe Driving)

Road maintenance was the 3rd most selected response when participants were asked to select the top three needed community or neighborhood improvements (22%). Focus group participants were also vocal about the need for better roadways.

## Motor Vehicle Mortality

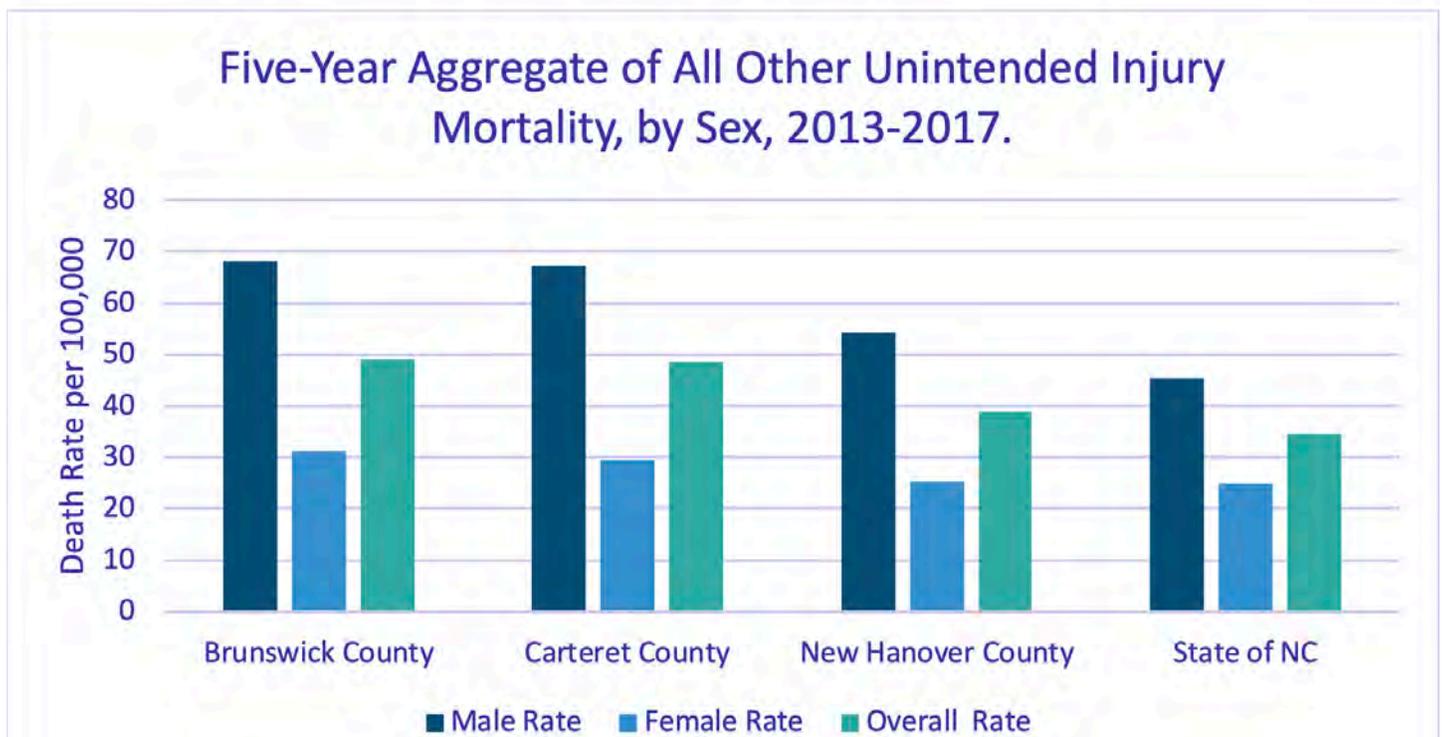
The figure to the right shows the unintentional motor vehicle mortality in Brunswick County compared to peer counties and statewide. The rate in Brunswick County is almost double compared to peer counties and higher than the state rate.



Source: N.C. State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality.

## All Other Unintended Injury Mortality

Unintended injury is the fifth leading cause of death in Brunswick County, including death from falls, fires, drowning, and aspirations. The mortality rates for unintended injuries in Brunswick is 49.2 deaths per 100,000 population, much higher than North Carolina's rate of 34.6 deaths per 100,000 population. Across Brunswick, Carteret, and New Hanover counties there is a disparity of mortality between males and females. In Brunswick County, male mortality rate is 68 per 100,000 compared to 31.2 per 100,000 for females. The figure below compares this data between counties and North Carolina.



Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality.

## Environmental Health Indicators

### Water Quality

In recent years, Brunswick County was the focus of media attention after an independent report claimed that the county has the highest levels of per- and polyfluoroalkyl substances (PFAS) in its drinking water. This news concerned all residents, regardless of whether they lived in the region when GenX (a PFAS compound) was discovered in the Cape Fear River in 2017, or if they recently moved to the area. It was particularly upsetting to county families who want to ensure their children are protected.

Every weekly test sample taken at the Northwest Water Treatment Plant since June 2017 has fallen below the EPA and the NC Department of Health and Human Services' (NCDHHS) established health advisories. If either level is exceeded, residents, the municipalities, the school district, and the news media would be notified immediately. Each test result and information are published online for transparency at [brunswickcountync.gov/genx](https://brunswickcountync.gov/genx).

In January 2020, an organization called Environmental Working Group (EWG) released a study that tested the water quality at 44 sites in 31 states across the country. Among the 44 sites tested, Brunswick County had the highest level of PFAS contamination in its tap water at 185.9 ppt, exceeding the Environmental Protection Agency (EPA) health advisory level of 70 ppt for PFOA and PFOS in drinking water. The Brunswick County sample was taken from Belville Elementary School by the group Clean Cape Fear and analyzed by an accredited laboratory. The figure below shows the 10 sites with the highest PFAS levels.

Source: PFAS Contamination of Drinking Water Far More Prevalent Than Previously Reported, Environmental Working Group, <https://www.ewg.org/research/national-pfas-testing/>

#### EWG TESTS FOUND TOXIC PFAS CHEMICALS IN TAP WATER IN 31 STATES AND D.C.

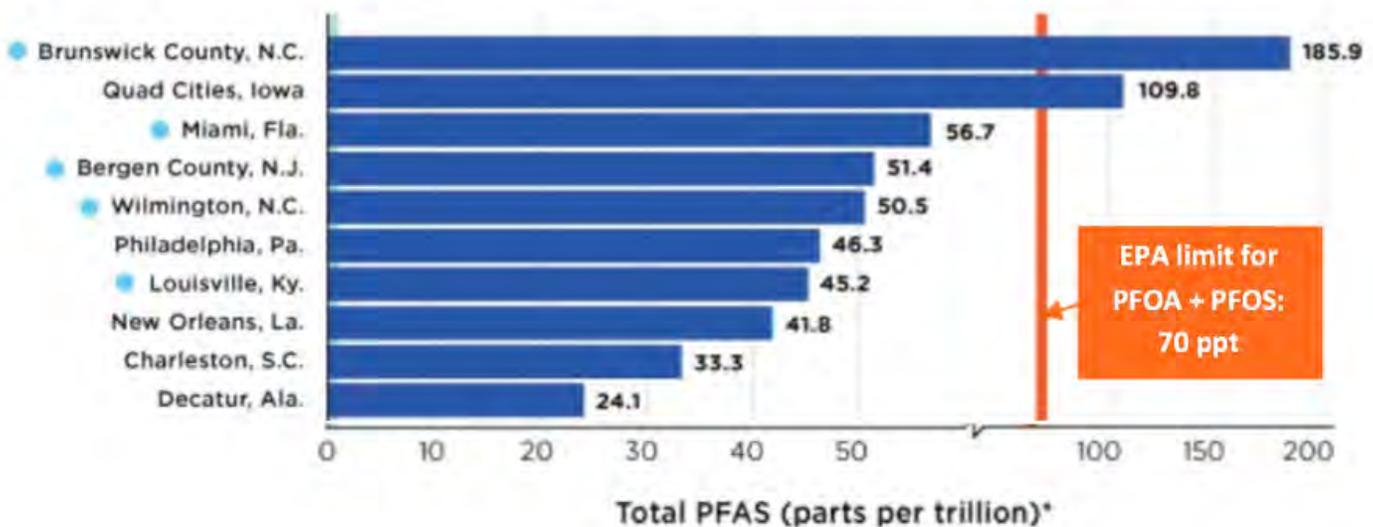


Image Source: PFAS Contamination Of Drinking Water Far More Prevalent Than Previously Reported, Environmental Working Group, Jan 22 2020, <https://www.ewg.org/research/national-pfas-testing/>

PFAS previously reported by Environmental Protection Agency or State \* Sum of detections of 30 types of PFAS.

These health advisory levels only apply to a few regulated PFAS compounds. There is limited research and scientific data on most known PFAS contaminants—which number in the thousands—and thorough health studies require time to ensure accurate results. That's why Brunswick County made a proactive decision in 2018 to install a low-pressure reverse osmosis system at the Northwest Water

Treatment Plant to protect the water and remain below any health advisory levels that are likely to be established in the future.

Low-pressure reverse osmosis is considered the best way to remove contaminants from water. Brunswick County's Board of Commissioners have already committed \$137 million to install the new treatment system and upgrade the plant's capacity to support the county's growth. The project has received a National Pollutant Discharge Elimination System permit from the NC Department of Environmental Quality (DEQ). The county will receive bids from contractors on March 5, 2020 and the Board is expected to issue the bids in April and a notice to construct in May. The new system is estimated to go online 30 to 36 months after construction starts, depending on which bid alternate the commissioners select.

The presence of these contaminants in the Cape Fear River continues to raise questions, but many of the potential answers rely on the expertise, research, and authority of federal and state agencies like the EPA, NCDHHS, and DEQ. These agencies often have more access to certain financial and informational resources that local governments and public utilities typically do not. Below are some additional websites to learn more about PFAS and who to contact for toxicology or epidemiology questions.

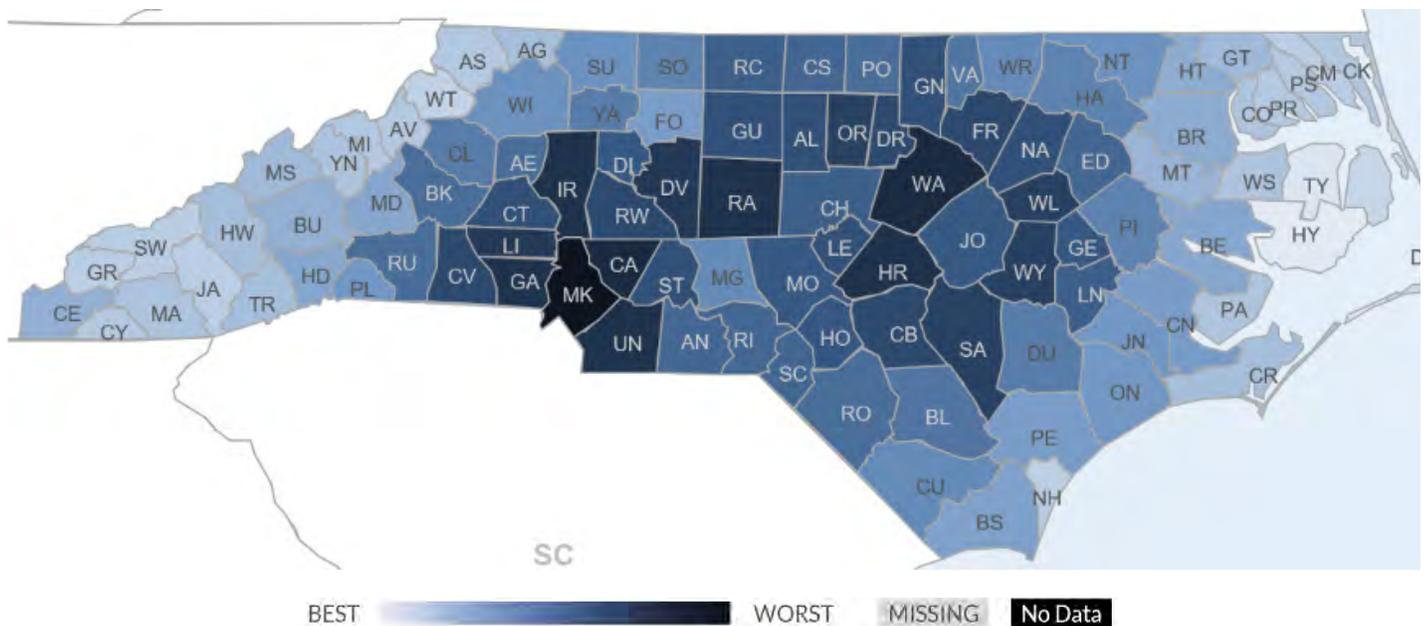
- [https://epi.dph.ncdhhs.gov/oea/a\\_z/pfas.html](https://epi.dph.ncdhhs.gov/oea/a_z/pfas.html)
- <https://deq.nc.gov/news/key-issues/genx-investigation/health-related-resources-about-genx-pfoa-and-pfas>
- <https://ncpfastnetwork.com>
- <https://www.awwa.org/Resources-Tools/Resource-Topics/PFAS>

Brunswick County residents had voiced concerns about water quality well before the release of this study. During CHA focus groups, the most common responses regarding environmental issues were concerns about water quality. In fact, eight out of the nine focus groups commented on water quality.

## Air Quality

Air Pollution measures the particulate matter in the air. It reports the average daily density of fine particulate matter in micrograms per cubic meter. Fine particulate matter is defined as particles of air pollutants with an aerodynamic diameter less than 2.5 micrometers (PM<sub>2.5</sub>). These particles can be directly emitted from sources such as forest fires, or they can form when gases emitted from power plants, industries and automobiles react in the air. High levels of fine particulate matter can negatively impact health. Long-term exposure can lead to decreased lung function, chronic bronchitis, asthma, and other adverse pulmonary effects. It also increases premature death risk among people age 65 and older, even when exposure is at levels below the National Ambient Air Quality Standards. Brunswick County's average measure is 9.3, which is slightly lower than the state average of 9.8. Peer counties Carteret and New Hanover are lower than Brunswick County and the state at 8.7 and 8.4.

### Average daily density of fine particulate matter in micrograms per cubic meter (PM<sub>2.5</sub>)



Source: 2019 County Health Rankings

# CHAPTER FOUR: COMMUNITY PRIORITIES

## Overview

Upon completion of data collection and analysis, the Community Health Assessment Steering Committee (Steering Committee) engaged in a prioritization process to identify the top priority areas. Common themes were identified from both the primary and secondary data, including comparison to North Carolina, peer counties, and Healthy North Carolina 2030 indicators.

The Steering Committee initially identified nine salient topics based on need, resource availability, and target populations. The areas identified were:

- Aging
- Access to Health Care
- Environmental Health
- Road Maintenance (unsafe driving)
- Substance Misuse
- Chronic Conditions
- Social Determinants of Health
- Infant & Maternal Health
- Healthy Eating & Physical Activity

Through discussions based on the CHA data, the following decisions were made before prioritization. Substance misuse initiatives will target identified at-risk populations<sup>1</sup> with a focus on treatment and recovery. Access to health care includes uninsured, access to primary care physicians, access to mental health services, and transportation. These inclusions target the underserved populations. The common chronic conditions considered were cancer, diseases of the heart (including blood pressure), and diabetes. Chronic conditions initiatives will target vulnerable populations<sup>1</sup> focusing on prevention and management. Additionally, the focus for the social determinants of health are housing, food insecurity, and interpersonal violence.

## Prioritization

After finalizing nine areas of potential focus, the Steering Committee anonymously voted for their top three health concerns. Using guidance from the NC Division of Public Health's Community Health Assessment Guidebook, committee members were asked to take into account the following criteria when selecting their top three areas of concern:

- **Magnitude:** "How many persons does the problem affect, either actually or potentially?"
- **Seriousness:** "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 successful intervention:** "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?"

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<sup>1</sup>North Carolina Local Health Department Accreditation HDSA Interpretation Document: Underserved populations relate to those who do not access health care either because there is a lack of services or providers available or because of limitations of income, literacy or understanding on how to access services; At-risk populations are the members of a particular group who are likely to, or have the potential to, get a specified health condition. This could be from either engaging in behavior (such as pregnant women who smoke) that could cause a specified health condition or having an indicator or precursor (high blood pressure) that could lead to a specified health condition; A vulnerable population is one that may be more susceptible than the general population to risk factors that lead to poor health outcomes. Vulnerable populations, a type of at-risk population, can be classified by such factors as race/ethnicity, socio-economic status, cultural factors and age groups.

The Community Health Assessment Team reviewed the votes and proposed to the Steering Committee three priority areas, with an underlying theme of targeting the aging population. Keeping the underlying theme of aging, the final priority areas selected are: Substance Misuse, Access to Health Care, and Chronic Conditions.

## 2019 – 2023 Brunswick County Community Priorities



### Substance Misuse

Prevention, early intervention, support and treatment for substance use disorders

The unintentional poisoning mortality rate in Brunswick County is 34.2%, **>2x** the statewide mortality rate of 16%.

20 point % increase in opioid related ED visits resulting in death from 2016 to 2017. ...this is **DOUBLE** peer counties and NC.

The drug overdose mortality rate in Brunswick County: **32%** ...much higher than 19% in NC.

**Community Concern:**

- Drug misuse was the most selected for the biggest health concern in Brunswick on the Community Health Opinion Survey (CHOS).
- Substance misuse was the #1 choice for the area needing the most improvement.

### Access to Health Care

Basic, affordable health care for all residents

**HEALTH CARE PROVIDERS**

**Primary Care Providers: 2,150 residents**  
(compared to 1 provider per 1,420 residents in NC)

**Mental Health Providers: 1,210 residents**  
(compared to 1 provider per 440 residents in NC)

**Dentists: 2,910 residents**  
(compared to 1 provider per 1,800 residents in NC)

**15% of Brunswick County residents have no health insurance.**  
(compared to 12% in NC)

**Community Concern:**  
CHOS and focus group respondents noted **barriers to access** including:

- o High cost of health services
- o Unaffordable health insurance
- o Lack of knowledge of resources
- o Lack of transportation to health care

### Chronic Conditions

Prevention, treatment, and management of chronic diseases

**7 of the top 10 causes of death are chronic diseases\***

**ALL CANCERS: 161.4**  
**HEART DISEASE: 161.4**  
UNINTENDED INJURIES: 49.2  
**LUNG DISEASE: 45.8**  
**STROKE: 40.4**  
**ALZHEIMER'S DISEASE: 24.8**  
**DIABETES MELLITUS: 27.7**  
MOTOR VEHICLE INJURIES: 18.0  
**KIDNEY DISEASE: 12.9**  
PNEUMONIA & INFLUENZA: 11.7

Disparity in diabetes mortality rates among male (24.8) and females (12.6) & among White (17.1) and African American (25.1).

The adult obesity rate has remained at 29% since 2015.

**Community Concern:**

- CHOS respondents selected the most needed health screenings in Brunswick:
  - o 50.72% selected diabetes
  - o 50.7% selected cancer
  - o 46.4% selected blood pressure

\*rates defined as # of deaths per 100,000 population.

## Next Steps

Brunswick County Health Services will post the Community Health Assessment report to their website and encourage other stakeholders, including Steering Committee members to do the same. The CHA findings will be shared with key stakeholders and community members, including presentations to Brunswick County Board of Health members and other groups, upon request. Over the next several months, the health department will collaborate with the Steering Committee and other stakeholders to develop the community health improvement plan. This plan will include evidence-based strategies/interventions to address the priority areas, with measurable objectives related to each. In addition to a focus on the aging population, strategies and interventions will target other populations who are considered at-risk, underserved<sup>2</sup>, or vulnerable<sup>2</sup> for the identified priority areas. In the years before the next CHA cycle, the health department will track progress to include in their annual State of the County's Health (SOTCH) report. In addition to progress made towards the priority areas, the report will feature other new initiatives and identifying any emerging issues impacting the county's health, wellbeing, and quality of life.

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<sup>2</sup>North Carolina Local Health Department Accreditation HDSA Interpretation Document: Underserved populations relate to those who do not access health care either because there is a lack of services or providers available or because of limitations of income, literacy or understanding on how to access services; At-risk populations are the members of a particular group who are likely to, or have the potential to, get a specified health condition. This could be from either engaging in behavior (such as pregnant women who smoke) that could cause a specified health condition or having an indicator or precursor (high blood pressure) that could lead to a specified health condition; A vulnerable population is one that may be more susceptible than the general population to risk factors that lead to poor health outcomes. Vulnerable populations, a type of at-risk population, can be classified by such factors as race/ethnicity, socio-economic status, cultural factors and age groups.

## CHAPTER FIVE: PRIORITY AREA RESOURCES

The community health assessment process was instrumental in helping to gain a deeper understanding of residents’ opinions and feelings about health, illness, services, and strategies to address these concerns.

Programs and services available that help provide access to affordable care, treatment, and community resources to improve the well-being of all residents. The information below is intended to be a starting place for anyone seeking assistance for the priority areas identified in the CHA.

- **Brunswick County Resource Assistance Quick Guide:** [https://www.brunswickcountync.gov/wp-content/uploads/2020/01/Community-Resource-Quick-Guide\\_2020.pdf](https://www.brunswickcountync.gov/wp-content/uploads/2020/01/Community-Resource-Quick-Guide_2020.pdf)
- **Brunswick County Treatment Resource Guide:** <https://www.brunswickcountync.gov/wp-content/uploads/2020/02/Updated-Opioid-Resource-Guide.pdf>

### Substance Misuse

<b>Substance Misuse Resources</b>	RHA 24/7/365 Mobile Crisis Line	1-884-709-4097
	Integrated Family Services: Crisis Chat Line	1-866-437-1821
	Trillium’s Access to Care Line	1-877-685-2415
	Alcohol Drug Council of NC: Information & Referrals	1-800-688-4232
	Access Point Kiosk: Brunswick County Social Services	(910) 253-2077
	Substance Abuse & Mental Health Services Administration (SAMHSA): National Helpline	1-800-662-HELP (4357)
<b>Local Syringe Exchange Programs</b>	Coastal Horizons- Shallotte	120 Coastal Horizons Drive Shallotte, N.C. 28470 (910) 216-6080 ext.132
	N.C. Harm Reduction Coalition	2154 Wrightsville Ave. Wilmington, N.C. 28403 (910) 821-3461
	Brunswick County Sheriff’s Office – Main Office	70 Stamp Act Dr. Bolivia, N.C. 28422 M–F: 8:30 a.m. – 5:00 p.m.
<b>Safe Medication Disposal Locations</b>	Brunswick County Sheriff’s Office – South Substation	10176 Beach Dr. Calabash, N.C. 28467 M–F: 8:30 a.m. – 5:00 p.m.
	Boiling Spring Lakes Police Department	9 E Boiling Spring Rd. Boiling Spring Lakes, N.C. 28461 M–F: 8:00 a.m. – 4:30 p.m.
	Leland Police Department	102 Town Hall Dr. Leland, NC 28451 M–F: 8:00 a.m. – 5:00 p.m.

## Chronic Conditions

<b>Physical Activity/ Chronic Condition Resources</b>	Brunswick County Parks and Recreation	<a href="http://bcparks.recdesk.com">bcparks.recdesk.com</a>
	MyPlate	<a href="http://choosemyplate.gov">choosemyplate.gov</a>
	Brunswick Wellness Coalition	<a href="http://brunswickwellness.org">brunswickwellness.org</a>
	The North Carolina Breast and Cervical Cancer Control Program	<a href="http://bcccp.ncdhhs.gov">bcccp.ncdhhs.gov</a>
	American Cancer Society	<a href="http://cancer.org/">cancer.org/</a>
	New Hanover Regional Medical Center Zimmer Cancer Center	<a href="http://www.nhrmc.org/locations/nhrmc-zimmer-cancer-center">www.nhrmc.org/locations/nhrmc-zimmer-cancer-center</a>
	American Diabetes Association	<a href="http://www.diabetes.org">www.diabetes.org</a>
	American Association of People with Disabilities	<a href="http://www.aapd.com">www.aapd.com</a>

## Access to Healthcare

<b>Select Medical Providers</b>	Novant Health Brunswick Medical Center	(910) 721-1000 <a href="http://www.novanthealth.org/brunswick-medical-center">www.novanthealth.org/brunswick-medical-center</a>
	Dosher Memorial Hospital	(910) 457-3800 <a href="http://www.dosher.org">www.dosher.org</a>
	Brunswick County Health Services	(910) 253-2250 <a href="http://www.brunswickcountync.gov/health">www.brunswickcountync.gov/health</a>
	CommWell Health	1-877-935-5255 <a href="http://www.commwellhealth.org">www.commwellhealth.org</a>
	New Hope Clinic	(910) 845-5333 <a href="http://newhopeclinicfree.org">newhopeclinicfree.org</a>
	Goshen Medical Center, Inc.	(910) 457-0070 <a href="http://www.goshenmedical.org">www.goshenmedical.org</a>
<b>Select Dental Providers</b>	CommWell Health	(910) 579-9600 <a href="http://www.commwellhealth.org">www.commwellhealth.org</a>
	New Hope Clinic	(910) 845-5333 <a href="http://newhopeclinicfree.org">newhopeclinicfree.org</a>
	ECU School of Dental Medicine	(910) 253-9000 <a href="http://www.ecu.edu/cs-dhs/dental/pc-brunswickcounty.cfm">www.ecu.edu/cs-dhs/dental/pc-brunswickcounty.cfm</a>

## Aging Population

<b>Senior Resources</b>	Brunswick Senior Resources, Inc.	bsrinc.org (910) 754-2300
	American Seniors Association	americanseniors.org
	AARP	www.aarp.org
	National Council on Aging	www.ncoa.org

# Appendix 1: Additional Resources

## Resource Assistance Quick Guide



<b>County Government</b> <b>Gobierno del Condado</b>		
Brunswick County Government	Bolivia; 1-800-442-7033	
<b>Veterans</b> <b>Veteranos</b>		
Brunswick County Veterans Service	Bolivia; 910-253-2233	
<b>Housing/Shelter</b> <b>Vivienda/Refugio</b>		
Brunswick Housing Opportunities	Bolivia; 910-253-0699	
Habitat for Humanity	Southport; 910-454-0007	
Brunswick County Public Housing Agency	Bolivia; 910-253-2222	
Brunswick County Homeless Coalition	Ocean Isle Beach; 1-888-519-5362	
Hope Harbor Home, Inc.	Bolivia; 910-754-5826	
<b>Rent/Utilities</b> <b>Alquiler/Utilidades</b>		
Brunswick County Social Services: Special Assistance	Bolivia; 910-667-8504	
Low Income Home Energy Assistance Program (LIHEAP)	Bolivia; 910-253-2122	
<b>Clothing/Goods</b> <b>Ropa/Mercancia</b>		
Hope Chest Thrift Store	Holden Beach; 910-842-6950 Oak Island; 910-278-7781 Leland; 910-371-0058	
Habitat for Humanity ReStore	Wilmington; 910-762-4793 Southport; 910-457-1772 Leland; 910-338-3648	
<b>Transportation</b> <b>Transporte</b>		
Brunswick Transit System	Shallotte; 910-253-7800	

<b>Helpful Links</b> <b>Enlaces Útiles</b>	
Our Community Link	<a href="http://www.OurCommunityLink.com">www.OurCommunityLink.com</a>
NC 2-1-1	<a href="http://www.nc211.org">www.nc211.org</a>
Brunswick County Government	<a href="http://www.brunswickcountync.gov">www.brunswickcountync.gov</a>
United Way: Cape Fear Region	<a href="http://www.uwcfa.org">www.uwcfa.org</a>

<b>Food/Food Pantries</b> <b>Alimentos/Dispensas de Comida</b>	
Wings Ministry, Inc.	Shallotte; 910-512-7643
Brunswick County Health Services: Women, Infants, and Children (WIC)	Bolivia; 910-253-2288 Leland; 910-253-2877 Shallotte; 910-253-2878
Food & Nutrition Assistance (Food Stamps)	Bolivia; 910-253-2077
Brunswick Family Assistance Center	Shallotte; 910-754-4766
Brunswick Islands Baptist Church	Supply; 910-842-8969
Camp United Methodist Church	Shallotte; 910-754-4840
Ocean View United Methodist Church	Oak Island; 910-278-5973
Seaside United Methodist Church	Sunset Beach; 910-579-5753
Salvation & Deliverance Church	Leland; 910-655-9600
Shoreline Baptist Church	Southport; 910-457-1909
St. Brendan's Catholic Church	Shallotte; 910-754-8544
Towncreek Vision	Leland; 910-253-7775
Brunswick Baptist Association	Bolivia; 910-754-7979

<b>Senior Center/Meals</b> <b>Centro de Mayores/Alimentos</b>	
Brunswick Senior Resources, Inc. 910-754-2300	Brunswick Center-Leland Brunswick Center-Shallotte Brunswick Center-Southport Brunswick Center-Supply Oak Island Senior Site Town Creek Senior Site Calabash Senior Site Boiling Spring Lakes Senior Site Ash Senior Site

<b>Medical Care/Clinical Care</b> <b>Cuidado Médico/Cuidado Clínico</b>	
Novant Health Brunswick Medical Center	Bolivia; 910-721-1000
Dosher Memorial Hospital	Southport; 910-457-3800
Brunswick County Health Services	Bolivia; 910-253-2250
CommWell Health of Supply	Supply; 1-877-935-5255
New Hope Clinic	Boiling Spring Lakes; 910-845-5333
Goshen Medical Center, Inc.	Southport; 910-457-0070

<b>Dental Care</b> <b>Cuidado Dental</b>	
CommWell Health	Ocean Isle Beach; 910-579-9600
New Hope Clinic	Boiling Spring Lakes; 910-845-5333
ECU School of Dental Medicine	Bolivia; 910-253-9000

<b>Mental Health/Substance Abuse</b> <b>Salud Mental/Abuso de Sustancias</b>	
Coastal Horizons Center, Inc.	Shallotte; 910-754-4515
Coastal Southeastern United Care	Bolivia; 910-253-5801 Shallotte; 910-755-5222
Trillium: 24-Hour Access to Care Line	1-877-685-2415
Access Point Kiosk: Brunswick County Social Services	Bolivia; 910-253-2077
Novant Psychiatric	Shallotte; 910-721-4200

<b>Support Groups</b> <b>Grupos de Apoyo</b>	
Alcoholics Anonymous	24 Hour Hotline; 910-794-1840 www.wilmingtonna.us
Brunswick Family Assistance Agency	Shallotte; 910-754-4766 Leland; 910-408-1700
Hope Harbor Home, Inc.	Supply; 910-754-5726
Narcotics Anonymous	dev.coastalcarolinaarea.org

**Created June 2018**  
**Updated January 2020**  
**Brunswick County Health Services**

<b>Home Health</b> <b>Salud en el Hogar</b>	
Brunswick Senior Resources, Inc.	Call for locations; 910-754-2300
Assisted Care Home Health, Inc.	Leland; 910-332-2341
Coastal Companion Care	Southport; 910-457-5300
Liberty Home Health	Supply; 910-754-8133

<b>Medication Drop Boxes</b> <b>Cajas de Depositar Medicamentos</b>	
Brunswick County Sheriff's Office- Main	Bolivia; 910-253-2777
Brunswick County Sherriff's Office- South Substation	Calabash; 910-579-7030
Boiling Spring Lakes Police Department	Boiling Spring Lakes; 910-845-2247
Leland Police Department	Leland; 910-371-1100
Ocean Isle Beach Police Department	Ocean Isle Beach; 910-579-4221
Shallotte Police Department	Shallotte; 910-754-6008
Sunset Beach Police Department	Sunset Beach; 910-579-2151

<b>Employment Opportunities</b> <b>Oportunidades de Empleo</b>	
Brunswick County Career Center	Shallotte; 910-754-6120
Brunswick County Social Services	Bolivia; 910-253-2077

<b>Education/Training</b> <b>Educación/Formación</b>	
Brunswick County Public Schools	Bolivia; 910-253-2900
Brunswick Community College	Bolivia; 910-755-7300
Community in Schools of Brunswick County, Inc.	Southport; 910-351-8007
Brunswick County Literacy Council	Supply; 910-754-7323

<b>Childcare</b> <b>Guardería</b>	
Brunswick County Social Services	Bolivia; 910-253-2077
Brunswick County Partnership for Children, Smart Start	Shallotte; 910-754-3166

## Brunswick County Opioid Treatment

<p><b>South Brunswick Counseling Southport</b>              804 N. Howe Street, Southport NC 28461              (910)-454-4040              Tues 8:30am- 4pm              Self-Pay              Male/ Female              MAT</p>	<p><b>Brunswick Cardiology</b>              20 Medical Campus DR NW, Suite 203,              Supply, NC 28462              (910)- 755-7192              M-Th 8:30am-5pm &amp; F 8:30- 2pm              Self- Pay only              Male/ Female              MAT</p>	<p><b>CapeSide - Supply</b>              12 Medical Center Drive Supply NC 28462              (910)-791-6767              M-F 8am- 5pm              Self-Pay, Medicare, most insurances, no Blue              Value              Male/ Female              MAT</p>	<p><b>Coastal Horizons Center</b>              120 Coastal Horizons Dr, Shallotte, NC              28470              (910)-754-4515              M-F 8am - 5pm              Medicaid, Medicare, private              insurance, self-pay. Sliding fee scale              based in income and availability of              funds              Male/ Female              MAT</p>
<p><b>Coastal Southeastern United Care- Bolivia</b>              10 Referendum Dr. Suite F-115, Bolivia, NC              28422              (910)-253-5801              M-F 8am -5pm /12-1 closed for lunch              Self-pay              Male/ Female              Transportation only for ACT team              MAT</p>	<p><b>Shallotte Treatment Associates</b>              4437 Main St, Shallotte, NC 28459              (910) 754-4449              Mon- Wed 5am-12pm Thurs 5am -10am Fri              5am-12pm Sat 5am -8am              Self-Pay              Male/ Female              Methadone</p>	<p><b>South Brunswick Counseling Shallotte</b>              5258 S .Main Street #22 Shallotte, NC 28470              (910)-754-5887              Wed 8:30am -4pm              Self-Pay              Male/ Female              MAT</p>	

### Additional Resources

RHA 24/7/365 Mobile Crisis Line	1-884-709-4097
Integrated Family Services: Crisis Chat Line	1-866-437-1821
Trillium's Access to Care Line	1-877-685-2415
Alcohol Drug Council of NC: Information & Referral's	1-800-688-4232
Access Point Kiosk: Brunswick County Social Services	1-910-253-2077
Substance Abuse & Mental Health Services Administration (SAMHSA): National Helpline	1-800-662-HELP (4357)

### Local Syringe Exchange Programs

Coastal Horizons- Shallotte	120 Coastal Horizons Drive Shallotte, NC 28470	(910)216-6080 ext.132
NC Harm Reduction Coalition	2154 Wrightsville Ave. Wilmington, NC 28403	(910)-821-3461

### Safe Medication Disposal Locations

Brunswick County Sheriff's Office – Main Office	70 Stamp Act Dr.   Bolivia, NC 28422	Monday – Friday: 8:30am – 5:00pm
Brunswick County Sheriff's Office – South Substation	10176 Beach Dr.   Calabash, NC 28467	Monday – Friday: 8:30am – 5:00pm
Boiling Spring Lakes Police Department	9 E Boiling Spring Rd.   Boiling Spring Lakes, NC 28461	Monday– Friday: 8:00am – 4:30pm
Leland Police Department	102 Town Hall Dr.   Leland, NC 28451	Monday – Friday: 8:00am – 5:00pm
Ocean Isle Beach Police Department	2 W Third St.   Ocean Isle Beach, NC 28469	Monday – Friday: 8:00am – 5:00pm
Shallotte Police Department	114 Cheers St.   Shallotte, NC 28470	Monday – Friday: 8:00am – 5:00pm
Sunset Beach Police Department	700 Sunset Blvd N   Sunset Beach, NC 28468	Monday – Friday: 8:30am – 5:00pm

## Detoxification Facilities

<p><b>The Harbor</b>                  2023 S 17th St, Wilmington, NC 28401910-632-2191                  Up to a week                  Medicaid, Medicare, Self Pay, most private insurances                  Male/Female  <a href="https://rhahealthservices.org/substance-abuse-opioid-treatment/detox-centers/">https://rhahealthservices.org/substance-abuse-opioid-treatment/detox-centers/</a></p>	<p><b>The Neil Dobbins Center</b>                  356 Biltmore Ave. Suite 150 Asheville, NC 28801 (828)-253-6306                  Medicaid, state funds may be available, self-pay (sliding scale)                  Male/Female  <a href="https://rhahealthservices.org/substance-abuse-opioid-treatment/detox-centers/">https://rhahealthservices.org/substance-abuse-opioid-treatment/detox-centers/</a></p>	<p><b>Caldwell C3</b>                  2415 Morganton Blvd. SW Lenoir, NC 28645                  828-394-5563                  Medicaid, state funds may be available, self-pay (sliding scale)                  Male/Female  <a href="https://rhahealthservices.org/caldwell-c3/">https://rhahealthservices.org/caldwell-c3/</a></p>
<p><b>Tanglewood Arbor</b>                  207 West 29th Street , NC 28358                  910-618-5606                  Medicaid, state funds                  Male/Female  <a href="https://detoxrehab.org/center/tanglewood-arbor/">https://detoxrehab.org/center/tanglewood-arbor/</a></p>	<p><b>Crisis Recovery Center- Monroe</b>                  1408 East Franklin Street Monroe, NC 28112 (704)-635-2080                  Medicaid, Medicare, no insurance, private insurance  <a href="https://www.daymarkrecovery.org/locations/fb-c-union">https://www.daymarkrecovery.org/locations/fb-c-union</a></p>	<p><b>Wilmington Treatment Center- Outpatient</b>                  1524 Harbour Dr, Wilmington, NC 28403 (910) 338-2417                  M-F 9am-6pm                  Medicare, private insurance, self-pay                  Male/Female  <a href="https://www.wilmingtontreatment.com/programs/detox/">https://www.wilmingtontreatment.com/programs/detox/</a></p>
<p><b>Coastal Horizons Center- Wilmington</b>                  615 Shipyard Blvd., Wilmington NC, 28412 (910)-343-0145                  M-F 8am- 4pm                  Medicaid, Medicare, private insurance &amp; self-pay. May have funding for uninsured. Sliding scale based on income                  Male/ Female</p>		

## Recovery Centers Outside of North Carolina

<p><b>Faith Home</b>          144 Faith Home Road Greenwood, South Carolina 29649          (864)-223-0694          8 weeks          Free          Male/Female          Contact for transportation information  <a href="https://faithhomegwd.net/">https://faithhomegwd.net/</a></p>	<p><b>Operations 6:12</b>          P.O. Box 763 Sugarcreek, OH 44681          (330)-600-0072          5 months          Free          Male/Female  <a href="https://www.operation612.com/">https://www.operation612.com/</a></p>
<p><b>Grace Home Women's Facility</b>          501 Ltd Rd. Vance, SC 29163          (803)-854-9809          10 weeks          \$300          Female  <a href="https://www.hebroncolony.org/index.html">https://www.hebroncolony.org/index.html</a></p>	<p><b>Any Length Recovery</b>          4742 Broad St, Sumter, SC 29154          (803) -494-5180          Male/Female  <a href="http://anylength.org/">http://anylength.org/</a></p>

## North Carolina Recovery Centers

<p><b>Southeastern Carolina Crossroads</b>          1086 Susie Sand Hill Rd, Elizabethtown, NC 28337          (910)- 549-8487          60 days          \$500          Male          Call for transportation information  <a href="https://secarolinacrossroads.com/">https://secarolinacrossroads.com/</a></p>	<p><b>Saving Sons</b>          703 Bryce St, Whiteville, NC 28472          (910)- 770-2221          4 months          \$300          Male          Call for transportation information  <a href="https://savingsonsinc.org/">https://savingsonsinc.org/</a></p>	<p><b>Solus Christus</b>          P.O. Box 416 East Bend, NC 27018          (336)-813-3007          \$50/Week          Female  <a href="http://soluschristusinc.org/">http://soluschristusinc.org/</a></p>
<p><b>Bethel Colony</b>          1675 Bethel Colony Rd., Lenoir, NC 28645          (828)-754-3781          65 days          \$250          Male/ Female  <a href="http://bethelcolony.org/">http://bethelcolony.org/</a></p>	<p><b>Hebron Colony</b>          356 Old Turnpike Road, Boone, NC 28607          (828)- 963-4842          10 weeks          \$300          Male  <a href="https://www.hebroncolony.org/index.html">https://www.hebroncolony.org/index.html</a></p>	<p><b>Rebound</b>          907 W. 1st Street Charlotte, NC 28202          (704)- 333-4673 ext. 501          120 days          Free          Male  <a href="https://charlotterescuemission.org/recovery-programs/rebound/">https://charlotterescuemission.org/recovery-programs/rebound/</a></p>
<p><b>Dove's Nest for Women &amp; Children</b>          2855 West Blvd. Charlotte, NC 28208          (704)- 333-4673          120 days          Free          Female  <a href="https://charlotterescuemission.org/recovery-programs/doves-nest/">https://charlotterescuemission.org/recovery-programs/doves-nest/</a></p>	<p><b>Alpha &amp; Omega</b>          135 Firehouse Rd, Chinquapin, NC 28521          (252)- 568-3400          8 weeks          \$500          Male  <a href="http://www.alphaomegahome.com/">http://www.alphaomegahome.com/</a></p>	<p><b>The Bridge to Recovery</b>          2111 Stafford St, Monroe, NC 28110          (704)-909-8025          28 days          \$2,500          Male/Female  <a href="https://www.thebridgetorecovery.org/">https://www.thebridgetorecovery.org/</a></p>
<p><b>Albemarle Teen Challenge</b>          104 West Main Street Elizabeth City, NC 27909          (252)- 338-8263          12-15 months          Free          Female  <a href="https://albemarleteenchallenge.weebly.com">https://albemarleteenchallenge.weebly.com</a></p>	<p><b>Cape Fear Teen Challenge</b>          1456 Lula Long Road Elizabethtown, NC 28337          (910)-876-8011          12-15 months          Free          Female  <a href="https://www.capefearteenchallenge.com/">https://www.capefearteenchallenge.com/</a></p>	<p><b>FIRST at Blue Ridge</b>          32 Knox Rd, Ridgecrest, NC 28770          (828)-669-0011          12 months          Free          Male/Female  <a href="https://firstinc.org/long-term-program">https://firstinc.org/long-term-program</a></p>

### Brunswick County Recovery Centers

<p><b>Beach House Recovery Center</b> 5801 Washington Rd SW   Shallotte, NC 28470 (910) 443-1284 4/8 weeks Self-Pay Male Call for transportation information <a href="https://beachhouserecovery.net">https://beachhouserecovery.net</a></p>
<p><b>Brunswick Christian Recovery Center</b> 1994 Ash Little River Rd NW, Ash, NC 28420 (910) 287-4357 4 months Free Male Call for transportation information <a href="https://bccrcorecovery.org">https://bccrcorecovery.org</a></p>

### New Hanover County Recovery Centers

<p><b>Wilmington Treatment Centers</b> 2520 Troy Dr, Wilmington, NC 28401 (910)-793-5662 28 Days Insurance Male/ Female <a href="https://www.wilmingtontreatment.com/">https://www.wilmingtontreatment.com/</a></p>
<p><b>Kelly House- PORT Health</b> 2206A Wrightsville Avenue, Wilmington, NC 28403 (910)-251-8944 Medicaid, private insurances, self-pay &amp; funding for uninsured may be available Female (Can be pregnant) <a href="https://www.porthhealth.org/treatment/adult-services/alcohol-substance-usetreatment/kelly-house-program">https://www.porthhealth.org/treatment/adult-services/alcohol-substance-usetreatment/kelly-house-program</a></p>

**New Hanover County Opioid Treatment Cont.**

<p><b>RHA- Wilmington</b>                  2023- 1A 17th S. Street Wilmington, NC 28401                  (910)-632-2191                  M-F 9am -5pm Medicaid, Medicare, private insurance, self-pay                  Male/Female                  MAT, Detox</p>	<p><b>Trinity Wellness-Wilmington</b>                  1907 S. 17th Street Suite 1 Wilmington NC 28401                  (910)-343-8424                  M-Th 8am-5pm BlueCross BlueShield/ Self-Pay only                  Male/Female                  MAT</p>	<p><b>Wilmington Psych</b>                  3973-B Market Street Building D, Wilmington NC 28403                  (910)-793-0699                  M-F 8:30am- 5pm                  Self-pay                  Male/ Female                  MAT</p>	<p><b>Wilmington Treatment Center- Outpatient</b>                  1524 Harbour Dr, Wilmington, NC 28403                  (910) 338-2417                  M-F 9am-6pm                  Medicare, private insurance, self-pay                  Male/Female                  Detox, MAT, &amp; Rehab</p>
<p><b>The Tides</b>                  2029 S. 17th St,                  Wilmington, NC 28401                  (910) 372-4020                  M-F 9am-5pm                  No charge for transportation and housing, pregnancy Medicaid                  Female                  MAT, Prenatal and Postpartum Care                  Can provide transportation</p>			

## New Hanover County Opioid Treatment

<p><b>A Helping Hand of Wilmington</b> 5013 Wrightsville Ave, Wilmington, NC 28403 (910)-796-6868 M, W, &amp; F 9am- 12pm/ M, W,&amp;F 6pm-9pm Self-Pay, Medicaid, Blue Cross Blue Shield, Student Blue, MedCost, &amp; state funding for uninsured Male/ Female MAT</p>	<p><b>Addiction Medicine &amp; Pain Management</b> 1201 Medical Center Dr. Wilmington, NC 28401 (910)-254-1414 M 9am-4pm Tues 9am -12pm Wed 9am-4pm Thrs 12pm-5pm Self-Pay, Medicare Male/ Female MAT</p>	<p><b>Anjan Medical, Coastal MDs</b> 1444 South 17th St, Wilmington NC, 28401 (910)-793-4311 M-Th 8:30am- 3:30pm Self-Pay, Medicaid, Medicare, and most other insurances Male/ Female MAT</p>	<p><b>Ave Maria Family Practice</b> 1230 Medical Center Dr, Wilmington NC, 28401 (910)-799-5452 M-F 8:30 am- 4:15pm Self-Pay accepts most insurances but not Tricare Male/ Female MAT</p>
<p><b>CapeSide</b> 311 Judges Rd Suite 4E. Wilmington, NC 28405 (910)-791-6767 M-F 8am- 5pm Self-Pay, Medicare, most insurances, no blue value Male/ Female MAT</p>	<p><b>Carolina Beach Counseling</b> 1328 N lake Park Blvd #109 Carolina Beach, NC 28428 (910)-458-4544 M-F 9am - 6pm Self-pay (fee reduction based off income), some insurances Male/ Female MAT</p>	<p><b>Coastal Horizons Center- Wilmington</b> 615 Shipyard Blvd., Wilmington NC, 28412 (910)-343-0145 M-F 8am- 4pm Medicaid, Medicare, private insurance &amp; self-pay. May have funding for uninsured. Sliding scale based on income Male/ Female MAT/ Methadone</p>	<p><b>Haven Ministries</b> 20 S. Front Street Wilmington NC, 28401 (910)-399-3927 M-Th 9am-11pm Medicaid, Medicare, private insurance &amp; self-pay. Male/ Female MAT</p>
<p><b>Jacksonville Treatment Center</b> 806 Bell Fork Road, Jacksonville, NC 28540 910-347-2205 M-F 5:30am- 12pm Sat &amp; Sun 6:30am-9:00 am Medicaid &amp; Self pay Male/ Female MAT/ Methadone</p>	<p><b>LifeLine Treatment Center</b> 5710 Oleander Dr. #100, Wilmington, NC 28403 910-239-0377 M-F 9am -5pm Most insurances, &amp; self-pay Male/Female MAT</p>	<p><b>New Season Metro Treatment Center- New Hanover</b> 1161 Castle Hayne Blvd. Bldg. C, Wilmington, NC 28401 (910)-251-6644 M-F 5am- 1:30pm Sat-Sun 6am-9am Medicaid, Self-pay, private insurance Male/ Female MAT/ Methadone</p>	<p><b>PORT Health- Wilmington</b> 2206 Wrightsville Ave., Wilmington, NC 28403 (910)-763-6499 M-F 8am- 5pm Medicaid, private insurances, self-pay &amp; funding for uninsured may be available Male/Female MAT</p>

# Appendix 2: Focus Group Report

## 2019 Brunswick County Community Health Assessment Focus Group Report

Between August 2019 and October 2019, a collection of nine (9) focus group totaling seventy-two (72) participants intended to elicit responses from diverse members of various communities in Brunswick County regarding their perspectives, opinions, and requests about and for assorted indicators of community health.

Focus Group Descriptive	
Participants	<ul style="list-style-type: none"> <li>Some relations were discussed; mild familiarity</li> </ul>
Number of Participants	<ul style="list-style-type: none"> <li>Total: 72*</li> <li>Small groups of 6 – 12</li> <li>9 focus groups total</li> </ul> <p>*69 participants completed the focus group survey, including demographic information</p>
Recruitment	<ul style="list-style-type: none"> <li>Community partners and Steering Committee members identified local organizations who could help recruitment people to attend a focus group.</li> <li>In addition to focus group host sites, key stakeholders who assisted in identifying focus group locations and participants, include Brunswick Housing Opportunities, Inc. and CommWell Health.</li> </ul>
Questions	<ul style="list-style-type: none"> <li>A core set of open-ended questions was provided for each focus group, with elaborative clarification or follow-up provided when needed. The same questions were repeated at each session.</li> <li>Participants were requested to complete an anonymous focus group survey, featuring a few questions from the community health opinion survey, and demographic information.</li> </ul>

Participant responses were recorded and transcribed (with permission). The constructed transcripts were then analyzed for commonalities and themes apparent throughout the interview process.

All participants were residents of Brunswick County and represented a variety of ages, racial and ethnic affiliations, socioeconomic statuses, and sex/gender identities. All self-reported responses to a pre-interview survey provided demographic information of the participants. Detailed demographic information is as follows:

- Age of participants range from 24-29 to 80-84 (specific age was not identified)
- 55% of respondents identified as Black or African American; 29% as White or Caucasian, 13% as Hispanic, Latino, or Spanish Origin, and 1% as American Indian or Alaskan Native. One respondent did not identify.
- Educational attainment:
  - Less than 9<sup>th</sup> grade – 4% of respondents
  - 9-12 grad, no diploma – 10%
  - High School graduate (or GED/equivalent) – 21%
  - Some college (no degree) – 13%
  - Associates degree or Vocational training/certificate – 24%
  - Bachelor’s degree – 12%
  - Graduate or Professional degree – 12%
  - Other – 3%

- Annual household income of participants ranges from less than \$10,000 to above \$100,000 and employment statuses varied between “disabled”, “retired”, “self-employed”, “unemployed – homemaker/caregiver”, “employed part-time”, and “employed full-time”. Student status was also recorded.

Tables below provide an overview of common responses elicited during the focus group sessions, by question and by focus group. Those in bold are commonalities repeated across most or all sessions conducted.

### Core Questions:

<b>1. What do you think is best about living in this community?</b>	
Brunswick Community College (BCC)	Close knit, small community; beach access; opportunity for growth; local traditions.
New Hope Clinic	<b>Community</b> and friendship; assistance in times of need; the New Hope Clinic; safety; law enforcement enacts community policing strategies
Co-op Extension Kitchen	Beaches; culture and diversity; friendly people; sense of community; natural resources
Woodard Adult Daycare	<b>Friendly people;</b> community
St. Brendan’s Church (Hispanic population)	Large Hispanic community; familiar
St. John Missionary Baptist Church	<i>No response/not asked</i>
Johnson Chapel – Group A	Safety; appeal of “country living”; quiet; activities available; easy access to beaches
Johnson Chapel – Group B	<b>Quiet;</b> friendly and community oriented
Cedar Grove Improvement Association	Quiet; good place to raise children; great for retirement; close knit; community feel; family oriented

- *“Really, we're idyllic. We are. I mean we are an idyllic neighborhood here. We have plenty of trees.”*
- *“It's been over 20 years for me, so when I first came in, I loved the openness and since then, we've had growth and all, but I still like the community that we're in. It's family-like, it's still friendly.”*

<b>2. What do people in this community do to stay healthy?</b>	
Brunswick Community College (BCC)	<b>Walking</b> (on the beach or with pets); community gyms
New Hope Clinic	Walking; “Walk with a Doc”
Co-op Extension Kitchen	Walking; gardening; dancercise; taking care of grandchildren
Woodard Adult Daycare	The “Life Changing Program” (a program intended to encourage healthy activities and behaviors)
St. Brendan’s Church (Hispanic population)	Sports
St. John Missionary Baptist Church	Outside sports; walking; dieting
Johnson Chapel – Group A	Walking; diet
Johnson Chapel – Group B	Walking (with pets); public or private gyms; golfing
Cedar Grove Improvement Association	Walking (at the park); children’s activities, including dance; yoga and Pilates; faith-based organizations’ wellness ministry

- *“I think too, we have become much more conscious of the things that affect African Americans. So, we've become much more conscious of diabetes. Now, instead of people saying, ‘You have diabetes’, people try to*

figure out, 'How do I prevent it? How do I stay away from type 2? What can I do? What is my A1C?' 10 years ago, nobody even knew what a A1C was. Now everybody's asking, 'What's your A1C'? So, it's been about education, and that's come about by nonprofits like Piney Grove, our health coordinators like this one that's from my church."

3. In your opinion, what are the serious health related problems in your community?	
Brunswick Community College (BCC)	<b>Diabetes</b> ; eating habits; lack of education/knowledge to be diagnosed with health problems; <b>hypertension (high blood pressure)</b>
New Hope Clinic	<b>Mental health</b> ; drug addiction; dental issues; diabetes; heart issues; hypertension
Co-op Extension Kitchen	GenX; mental health; drug abuse; obesity; alcoholism
Woodard Adult Daycare	Diabetes; hypertension; obesity; cancer; tobacco use; mental health
St. Brendan's Church (Hispanic population)	Dental issues; diabetes
St. John Missionary Baptist Church	Diabetes; hypertension; high cholesterol; mental health; opioid abuse; lack of access to healthy foods
Johnson Chapel – Group A	Mental health; cancer; Gen X; diabetes; dementia and Alzheimer's; hypertension
Johnson Chapel – Group B	<b>Cancer</b> ; diabetes; hypertension
Cedar Grove Improvement Association	Cancer; diabetes; water contamination; chemical contamination of food; lack of access to healthcare; sleep apnea

- *“Even with commercial insurance like you and I have. I mean, your deductibles and then your copays. I mean, he had an MRI and it was \$5,000 just the other week.”*

4. What keeps people in your community from staying healthy? What barriers exist to being healthy?	
Brunswick Community College (BCC)	Lack of access to public parks; lack of education regarding exercise; too much access to fried and unhealthy foods/lack of access to healthy foods; personal finances/expense/poverty/little assistance; stress
New Hope Clinic	<b>Lack of transportation; lack of resources</b> ; frustrations with the health system (lack of finances for medical procedures, complexity of referrals, too many 'hoops' to jump through)
Co-op Extension Kitchen	Exercise programs are centered around retirees; transportation issues/isolation; diet; <b>financial issues</b> ; cell phones encourage lethargy
Woodard Adult Daycare	Financial issues (limited resources require individuals to prioritize their children's needs above their own, medical or otherwise); transportation issues (gyms are too far away; public transportation is problematic); lack of recreational facilities; shortage of fresh produce in nearby grocery stores
St. Brendan's Church (Hispanic population)	Work; lack of free time; lack of access to outdoor recreation, such as biking or running paths
St. John Missionary Baptist Church	Jobs and long hours; lack of community gathering space; poor eating habits

4. What keeps people in your community from staying healthy? What barriers exist to being healthy?	
Johnson Chapel – Group A	Lack of education and preventative care; financial expense; lack of transportation; nonexistence of nature trails for walking or biking; absence of community resource center
Johnson Chapel – Group B	Lethargy; diet; fear of drinking the water
Cedar Grove Improvement Association	Absence or unaffordability of health insurance; lack of preventative screenings; lack of transportation

- *“So, whether it's access to health, access to healthcare, access to recreation, access to healthy food, a lot of it is geared toward whether you have a car. And then it's geared toward whether you've got the gas money to put the gas in the car. And how many trips are you gone make to Shallotte before you be like, "No, I can't do that no more.”*
- *“It's a life change, actually. When you want to go and be healthy. It's not just the eating, but it's the overall wellness of your entire body. It's a life change.”*

5. What could be done to solve these problems?	
Brunswick Community College (BCC)	<b>Education</b> ; financial assistance (tuition and childcare)
New Hope Clinic	More clinics; expand New Hope Clinic; referrals to community resources; develop a resource line to call
Co-op Extension Kitchen	Education; drug abuse rehabilitation; counseling; eradication of stigma with rehabilitation; <b>public transportation</b> (or a mass transit system); youth and family programs; need for personalized care
Woodard Adult Daycare	County or state-wide funding; government representation of impoverish individuals
St. Brendan’s Church (Hispanic population)	Create access to a public recreational facility or gym with childcare
St. John Missionary Baptist Church	Additional transportation services; lack of knowledge regarding transportation services; lack of health insurance coverage; a community center to do health related activities, such as group exercise
Johnson Chapel – Group A	Creation of a public walking and nature trails; provide preventative screenings; formation of clinics for low income or elderly individuals, potentially even mobile; increase access to health foods, such as through a farmers market; activities for children
Johnson Chapel – Group B	Companies that are responsible for polluting the water sources need to be held accountable
Cedar Grove Improvement Association	Government assistance; transportation; a need for increased communication of the population (cell phones for those who can’t afford them); mobile clinics

- *“It's always an excuse for anything that you want to talk about. And then I kind of deal with the government in New Hanover some, and they have an African commission and I'm not aware of those things in Brunswick County, although I think it should be here in Brunswick County. And so, it's like we are kind of excluded from a lot of different conversations that are going on, and I guess we're just not sitting at the table when the right times are. We're just not there to voice. And then does that mean that they hear us just because... When we do voice, do they even hear what we're saying as community leaders and people in*

*the community that want to live in a better place? Because people will say, "Well, you can move anywhere with your engineering degree." Yeah, but I don't want to move anywhere. I want to live in my county. I should have the right to live in my county. There should be job opportunity for me to live in my county. I shouldn't have to move away to make an honest and decent living."*

<b>6. If you had \$100,000 to spend on a healthcare project in the county, how would you spend it?</b>	
Brunswick Community College (BCC)	Educational programs (medical); <b>mental health services and facilities</b> ; youth programs; affordable housing
New Hope Clinic	Expand New Hope Clinic; mental health services and facilities; senior care
Co-op Extension Kitchen	Create walking trails or nature walks; family and life skills education; community engagement and social programs (such as "Adopt a Grandparent")
Woodard Adult Daycare	Adult daycare; affordable childcare services
St. Brendan's Church (Hispanic population)	Provide assistance for medical care for needy families
St. John Missionary Baptist Church	Leverage it to increase it; small business expansion; community services, such as a laundry mat or copying business; create a public transportation company; create a youth corps
Johnson Chapel – Group A	Creation of a farmers market; increase resources for mental health; healthcare prescription coverage; create programs for individuals that do not qualify for governmental assistance and the working class; formation of a youth center
Johnson Chapel – Group B	Provide filters for residents' houses; improve health care centers (make them more accessible and spread out); affordable childcare; construct new elder care facilities and pay the care providers well
Cedar Grove Improvement Association	Diabetes education; exercise classes; public park access with a walking trail; dentistry for children; transportation

- *"The problems in this community are generational. It would take 10 to 20 years to correct some of it. A five-year plan won't do it. If you're not willing to sit down and look long term, and actually talk about what you could do for the next 10 to 15 years, and actually infuse that into what the county's going to do, whether it be their land use plan, whether it be their health plan. If you're not willing to do that, then you condemn us to the situation we're already in."*

**Additional Questions:**

<b>7. What is the major environmental issue in this county?</b>	
Brunswick Community College (BCC)	<b>Water/water quality (Gen X)</b>
New Hope Clinic	Water/water quality
Co-op Extension Kitchen	Water/water quality
Woodard Adult Daycare	Water/water quality; well water quality and access
St. Brendan's Church (Hispanic population)	<i>No response</i>
St. John Missionary Baptist Church	Landfills; chemicals in fertilizer; water/water quality (Gen X); lack of recycling
Johnson Chapel – Group A	Water/Gen X; fracking; sediments and iron in available water supply

7. What is the major environmental issue in this county?	
Johnson Chapel – Group B	Water; overdevelopment; crime rate increase
Cedar Grove Improvement Association	Water/water quality; water drainage

8. Is there any group not receiving enough health care? If so, what group?	
Brunswick Community College (BCC)	<b>People in poverty/low income residents;</b> younger people (below age 35); <b>elderly individuals</b>
New Hope Clinic	<i>No response/not asked</i>
Co-op Extension Kitchen	<i>No response/not asked</i>
Woodard Adult Daycare	People in poverty/low income residents; elderly individuals
St. Brendan’s Church (Hispanic population)	Undocumented immigrants; people in poverty/low income residents
St. John Missionary Baptist Church	Initial response is “all of us”; further discussion lead to children and elderly populations
Johnson Chapel – Group A	<i>No response/not asked</i>
Johnson Chapel – Group B	Seniors/elderly individuals; people in poverty/low income residents
Cedar Grove Improvement Association	n/a

9. Have you or someone close to you ever experienced any challenges in trying to get healthcare services? If so, what happened?	
Brunswick Community College (BCC)	Lack of financial assistance programs (i.e. for those who are employed/in educational programs, but aren’t considered impoverish by standards used); lack of health insurance
New Hope Clinic	One respondent expressed frustration with DSS providers when they were unable to receive assistance; Another discussed an acquaintance going undiagnosed for cancer due to physician neglect; lack of services from the health department due to restrictive criteria; lack of mental health services through publicly funded sources
Co-op Extension Kitchen	Respondents discussed the stigma of prior drug abuse leading to lack of medical care by providers; one respondent expressed an inability of a family member to be placed in an assisted living facility when needed due to lack of health insurance
Woodard Adult Daycare	Many respondents spoke of specific interactions with institutions such as DSS (the department of social services as well as issues with acquiring clean, drinkable water; transportation services act as a barrier as the public system is not adequate; emergency medical services do not provide care unless law enforcement provides a ‘clear’ on the home
St. Brendan’s Church (Hispanic population)	A group member recalled a lack of fast medical care for a parent who was experiencing a medical emergency; another agreed and experienced a similar situation with a child

<b>9. Have you or someone close to you ever experienced any challenges in trying to get healthcare services? If so, what happened?</b>	
St. John Missionary Baptist Church	<i>No response/not asked</i>
Johnson Chapel – Group A	Financial restrictions decrease ability to see physicians and receive prescriptions
Johnson Chapel – Group B	A participant recollected an associate was in a healthcare facility and was not given medication for pain reduction due to a disability and resorted to calling law enforcement; another’s spouse in the care of a ‘nursing home’ and felt the need to stay overnight consistently as they did not receive overnight care; respondents also spoke of lack of access to affordable health insurance (also of the difficulties if one has a preexisting condition)
Cedar Grove Improvement Association	A common theme is a discussion is a lack of health insurance to which a respondent discussed losing a family member due to a disorder that required a referral that they weren’t able to receive

– *“When you see that there’s investment back into our community. Because really, we’re supporting Wilmington, and we’re supporting Bolivia. Because that’s where we have to go for healthcare, anything.”*

<b>10. Describe collaborative efforts in the community. How can we improve our level of collaboration?</b>	
Brunswick Community College (BCC)	<ul style="list-style-type: none"> <li>▪ <i>Anchor Initiative with the Sheriff’s department</i></li> <li>▪ <i>Increased outreach; increased efforts of mental health and substance abuse outreach</i></li> </ul>
New Hope Clinic	<i>No response/not asked</i>
Co-op Extension Kitchen	<i>No response/not asked</i>
Woodard Adult Daycare	<ul style="list-style-type: none"> <li>▪ <i>Mt. Zion Baptist Church/The Help You Club</i></li> <li>▪ <i>Collaborations are needed to assist parents maintaining relationships with their children (financial assistance to allow parents to retain rights of their children)</i></li> </ul>
St. Brendan’s Church (Hispanic population)	<ul style="list-style-type: none"> <li>▪ <i>Creation of a free clinic (as a method of improving collaborative efforts)</i></li> </ul>
St. John Missionary Baptist Church	<i>No response/not asked</i>
Johnson Chapel – Group A	<ul style="list-style-type: none"> <li>▪ <i>Partnership with Saint Matthews and other churches; Saint James church pre-diabetes classes and dietary education; youth activities with faith-based organizations</i></li> </ul>
Johnson Chapel – Group B	<ul style="list-style-type: none"> <li>▪ <i>Johnson Chapel’s social outreach program</i></li> </ul>
Cedar Grove Improvement Association	<ul style="list-style-type: none"> <li>▪ <i>Respondents aren’t aware of any, but express that this is an unfortunate realization</i></li> <li>▪ <i>To improve, participants encourage education and the community “needs to take responsibility.</i></li> </ul>

<b>11. What are the strengths related to health in your community?</b>	
Brunswick Community College (BCC)	Easy access to physicians and contraceptives; retirement opportunities and activities for those in

11. What are the strengths related to health in your community?	
	retirement; small community allows for more opportunities to check on each other
New Hope Clinic	“Walk with a Doc”
Co-op Extension Kitchen	<i>No response/not asked</i>
Woodard Adult Daycare	Discussing it together; WIC
St. Brendan’s Church (Hispanic population)	<i>No response/not asked</i>
St. John Missionary Baptist Church	A community garden
Johnson Chapel – Group A	Activities for children
Johnson Chapel – Group B	Access to healthcare providers
Cedar Grove Improvement Association	Longevity

12. Is there anything else you would like us to know?	
Brunswick Community College (BCC)	Outreach and education are needed; distribution of resources (promotion of websites and accessible information regarding available resources)
New Hope Clinic	Cost of living is increasing; wages are not livable
Co-op Extension Kitchen	Brunswick County is losing its middle class; affordable housing is needed
Woodard Adult Daycare	Universal health care is needed; daycare is a necessity for residents, both for children and adults; a plea to take care of our seniors and our youth; a plea to create more affordable housing
St. Brendan’s Church (Hispanic population)	<i>No response/not asked</i>
St. John Missionary Baptist Church	Respondents questioned what this data collection will be utilized for
Johnson Chapel – Group A	When people and organizations are willing to open the doors, something can and should be done; enhance visibility
Johnson Chapel – Group B	Participants discuss the need for public transportation and better roads
Cedar Grove Improvement Association	Need for financial assistance to see a healthcare provider

- *“Well, I think there's a definite, a huge sense of hopelessness in your people today. I think they just feel like there's no way that I can do it like my Mom did or my Dad did because the opportunity is not there. You get a degree; four-year degree and you still have to go back to school for another four years to get a Masters to be able to make an income that's enough to live off of.”*
- *“So when I tell you that education, whether you're educated about diabetes, whether you're educated about that you need to drink more water, whether you're educated about blood pressure, or you're educated about the health issues, all of that affects how well you live your life. And health is not only about whether I got diabetes or not, it's how well am I living my life. And so that's what I hope that this health assessment looks at, is the wellbeing.”*

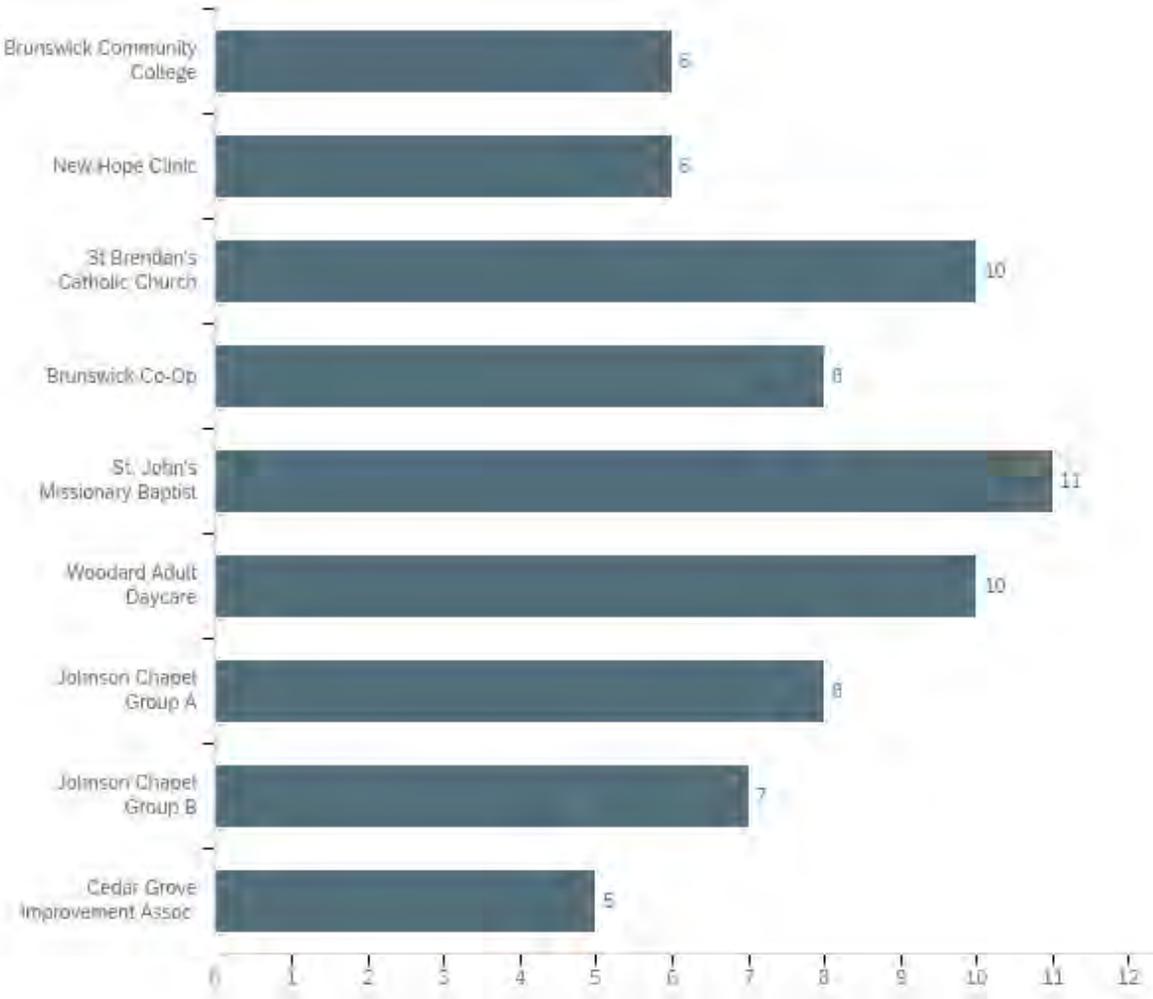
Focus Group Question	Most Common Responses
1. What do you think is best about living in this community?	<ul style="list-style-type: none"> <li>• <i>Community feel</i></li> <li>• <i>Friendly</i></li> </ul>

Focus Group Question	Most Common Responses
	<ul style="list-style-type: none"> <li>• <i>Quiet</i></li> <li>• <i>Access to beaches</i></li> </ul>
2. What do people in this community do to stay healthy?	<ul style="list-style-type: none"> <li>• <i>Walking (with pets)</i></li> </ul>
3. In your opinion, what are the serious health related problems in your community?	<ul style="list-style-type: none"> <li>• <i>Diabetes</i></li> <li>• <i>Mental health</i></li> <li>• <i>Hypertension</i></li> <li>• <i>Cancer</i></li> </ul>
4. What keeps people in your community from staying healthy? What barriers exist to being healthy?	<ul style="list-style-type: none"> <li>• <i>Lack of transportation</i></li> <li>• <i>Absence of financial resources</i></li> <li>• <i>Deficiency in health and preventative education</i></li> </ul>
5. What could be done to solve these problems?	<ul style="list-style-type: none"> <li>• <i>Education</i></li> <li>• <i>Public transportation</i></li> <li>• <i>Creation of public parks</i></li> <li>• <i>Formation of community clinics</i></li> </ul>
6. If you had \$100,000 to spend on a healthcare project in the county, how would you spend it?	<ul style="list-style-type: none"> <li>• <i>Education</i></li> <li>• <i>Mental health facilities</i></li> <li>• <i>Creation of community resource centers</i></li> </ul>
7. What is the major environmental issue in this county?	<ul style="list-style-type: none"> <li>• <i>Water/water quality</i></li> <li>• <i>Gen X</i></li> </ul>
8. Is there any group not receiving enough health care? If so, what group?	<ul style="list-style-type: none"> <li>• <i>Low income residents</i></li> <li>• <i>Elderly populations</i></li> </ul>
9. Have you or someone close to you ever experienced any challenges in trying to get healthcare services? If so, what happened?	<ul style="list-style-type: none"> <li>• <i>Participants who shared experiences mainly concentrated on expense and lack of medical insurance as the largest barrier to receiving services</i></li> </ul>
10. Describe collaborative efforts in the community. How can we improve our level of collaboration?	<ul style="list-style-type: none"> <li>• <i>As many collaborative efforts were discussed, most participants mentioned needing additional ones to sustain the community</i></li> </ul>
11. What are the strengths related to health in your community?	<ul style="list-style-type: none"> <li>• <i>Accessibility to physicians</i></li> </ul>
12. Is there anything else you would like us to know?	<ul style="list-style-type: none"> <li>• <i>Responses varied, however some commonality existed discussing cost of living expenses and health related care is needed</i></li> </ul>

Focus groups participants were asked to complete an anonymous survey including demographics and select 2019 Brunswick County community health opinion survey questions. Continue to next page to see results.

# Brunswick CHA - Focus Group Survey

## Focus Group Location



**In your opinion, what is the biggest health issue of concern in your community? (select only one)**

	<b>Answer</b>	<b>%</b>	<b>Count</b>
	Other (please specify)	22.54%	16
	Chronic Disease ( Heart disease, High blood pressure, Diabetes, Stroke)	16.90%	12
	Cancer	14.08%	10
	Obesity	9.86%	7
	Dental health	7.04%	5
	Drug misuse	7.04%	5
	Mental Health	5.63%	4
	Alcohol misuse	5.63%	4
	Environmental health exposures	4.23%	3
	Asthma/Lung Disease	2.82%	2
	Child abuse	2.82%	2
	Unsafe driving	1.41%	1
	Malnutrition/Lack of food	0.00%	0
	Domestic/Sexual violence	0.00%	0
	Gangs/Violence	0.00%	0
	Prenatal care	0.00%	0
	Teen Pregnancy	0.00%	0
	Tobacco use	0.00%	0
	Elder abuse	0.00%	0
	<b>Total</b>	<b>100%</b>	<b>71</b>

**Other (please specify) - Text**

alcohol misuse, cancer, chronic disease, dental health, mental health, teen pregnancy, tobacco use, unsafe driving

asthma, cancer, chronic disease, dental health, malnutrition/lack of food, obesity, unsafe driving

asthma, cancer, chronic disease, dental health, malnutrition/lack of food, obesity, unsafe driving

alcohol, cancer

mental health and water

health insurance

alcohol misuse, gangs/violence, unsafe driving

chronic disease, drug misuse, mental health

alcohol misuse, dental health, domestic/sexual violence, mental health

dental health, tobacco use

cancer, chronic disease

chronic disease, obesity, teen pregnancy,

chronic disease, mental health

dental health, elder abuse

chronic disease and drug misuse

alcohol misuse, asthma/lung disease/cancer, chronic disease, dental health, domestic/sexual health, drug misuse, elder abuse, environmental health exposures, malnutrition, mental health, obesity, prenatal care, teen pregnancy, tobacco use

**In your opinion, which three areas need the most improvement in your neighborhood or community? (select your top three)**

	<b>Answer</b>	<b>%</b>	<b>Count</b>
	Higher paying employment	42.86%	30
	More affordable health services	31.43%	22

**In your opinion, which three areas need the most improvement in your neighborhood or community? (select your top three)**

<b>Answer</b>	<b>%</b>	<b>Count</b>
Counseling/mental health/support groups	30.00%	21
Better/more recreational facilities (parks, trails, community centers)	28.57%	20
Positive teen activities	24.29%	17
Elder care options	22.86%	16
Availability of employment	22.86%	16
Transportation options	20.00%	14
Better/more healthy food choices	20.00%	14
Healthy family activities	17.14%	12
Services for disabled people	15.71%	11
Child care options	12.86%	9
Road maintenance	11.43%	8
Number of health care providers	8.57%	6
Road safety	7.14%	5
Other (please specify)	4.29%	3
Culturally appropriate health services	2.86%	2
Animal control	2.86%	2
None	0.00%	0
<b>Total</b>	<b>100%</b>	<b>70</b>
Other (please specify) - Text		
Financial Help		
Financial Help		
Parks and Recreation or joined to Oak Islands		

**In your opinion, which three issues most negatively affect the quality of life in Brunswick County? (select your top three)**

<b>Answer</b>	<b>%</b>	<b>Count</b>
Alcohol, drugs, or medication misuse and abuse	50.00%	35
Lack of affordable housing	44.29%	31
Lack of/inadequate health insurance	31.43%	22
Discrimination/racism	21.43%	15
Low income/poverty	20.00%	14
Lack of employment opportunities	18.57%	13
Lack of healthy food choices or affordable healthy food	17.14%	12
Lack of recreational facilities (parks, trails, community centers, pools, etc.)	17.14%	12
Lack of childcare or recreational programs for youth	12.86%	9
Poor air/water/ land quality	11.43%	8
Lack of education opportunities	10.00%	7
Poor housing conditions	10.00%	7
Lack of transportation	8.57%	6
Unsafe driving	8.57%	6
Lack of places to exercise	7.14%	5
Theft/petty crime	7.14%	5

**In your opinion, which three issues most negatively affect the quality of life in Brunswick County? (select your top three)**

<b>Answer</b>	<b>%</b>	<b>Count</b>
Domestic/sexual violence	5.71%	4
Dropping out of school	5.71%	4
Gang involvement	5.71%	4
Homelessness	5.71%	4
Motor vehicle injuries including bicyclist and pedestrians	4.29%	3
Smoking/tobacco use	4.29%	3
Traffic	4.29%	3
Child neglect and abuse	2.86%	2
Social isolation/loneliness	2.86%	2
Other (please specify)	2.86%	2
Violent crime (murder, assault)	1.43%	1
<b>Total</b>	<b>100%</b>	<b>70</b>
Other (please specify) - Text		
drainage		
Driving Hazard at the intersection of old ocean hwy and randolphille rd.		

**What are the top five most needed health screenings or education/information services in your community? (select your top five)**

<b>Answer</b>	<b>%</b>	<b>Count</b>
Mental health (including depression/anxiety)	56.52%	39
Diabetes	50.72%	35
Cancer	50.72%	35
Blood pressure	46.38%	32
Addiction/Recovery	42.03%	29
Cholesterol	30.43%	21
Nutrition/Healthy eating	24.64%	17
Dental screenings	23.19%	16
Physical activity	23.19%	16
Cognitive disorders (Dementia and Alzheimer's)	21.74%	15
Substance misuse	20.29%	14
Learning Disabilities screenings	15.94%	11
Vision screenings	14.49%	10
Emergency Preparedness	13.04%	9
HIV/Sexually transmitted diseases	10.14%	7
Stroke	8.70%	6
Pregnancy prevention	8.70%	6
Reading understating/English language skill level	8.70%	6
Safe driving	8.70%	6
Vaccinations/Immunizations	7.25%	5
Child growth and development screenings	5.80%	4
Eating disorders	5.80%	4
Child car seats	2.90%	2

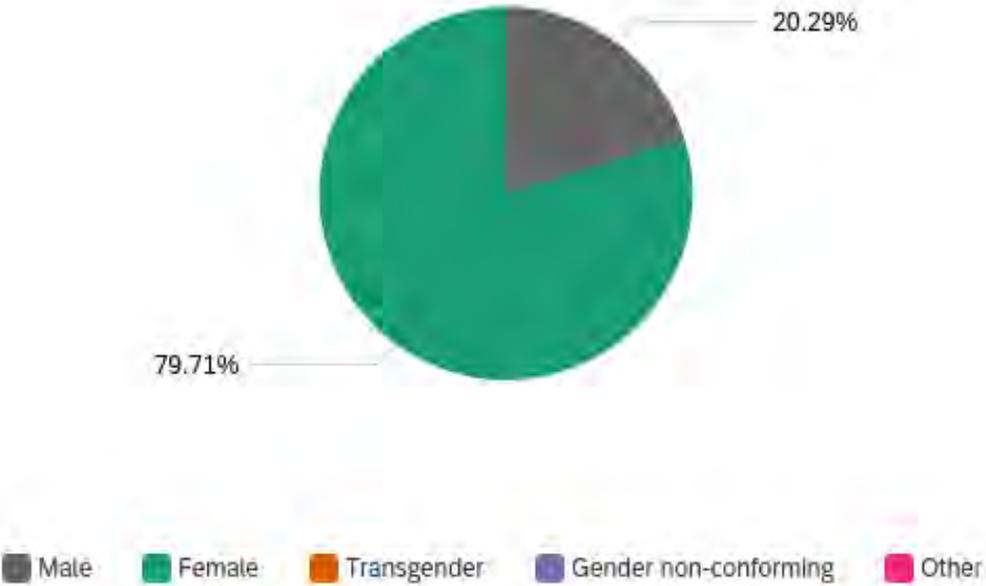
**What are the top five most needed health screenings or education/information services in your community? (select your top five)**

Answer	%	Count
Other (please specify)	2.90%	2
Seatbelts	1.45%	1
Disease outbreaks	1.45%	1
Unknown/Unsure	0.00%	0
Total	100%	69
Other (please specify) - Text		
Health		
Parenting and Family Education		

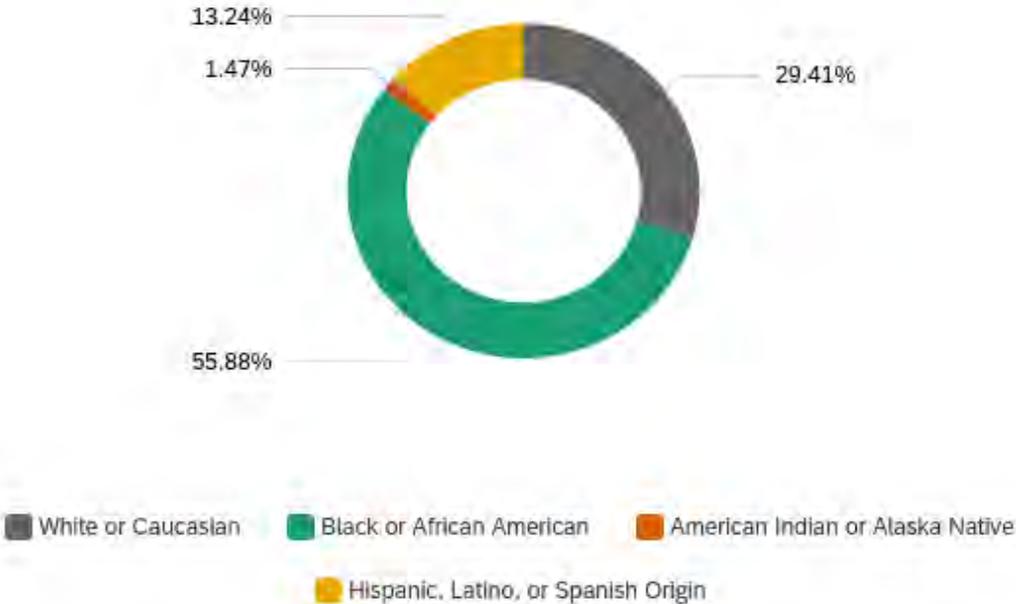
**What community do you live in? (select only one)**



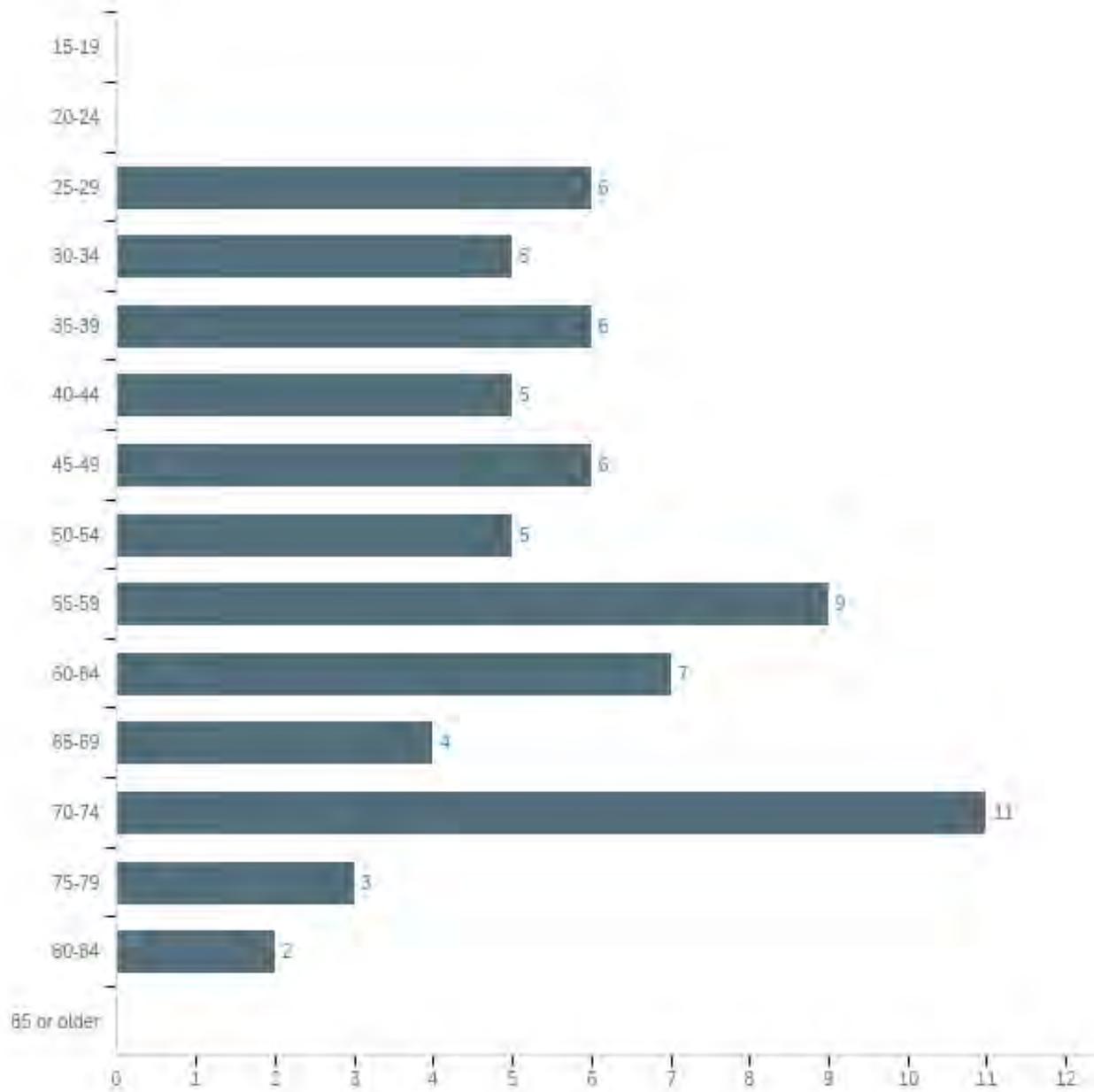
**Gender (select only one)**



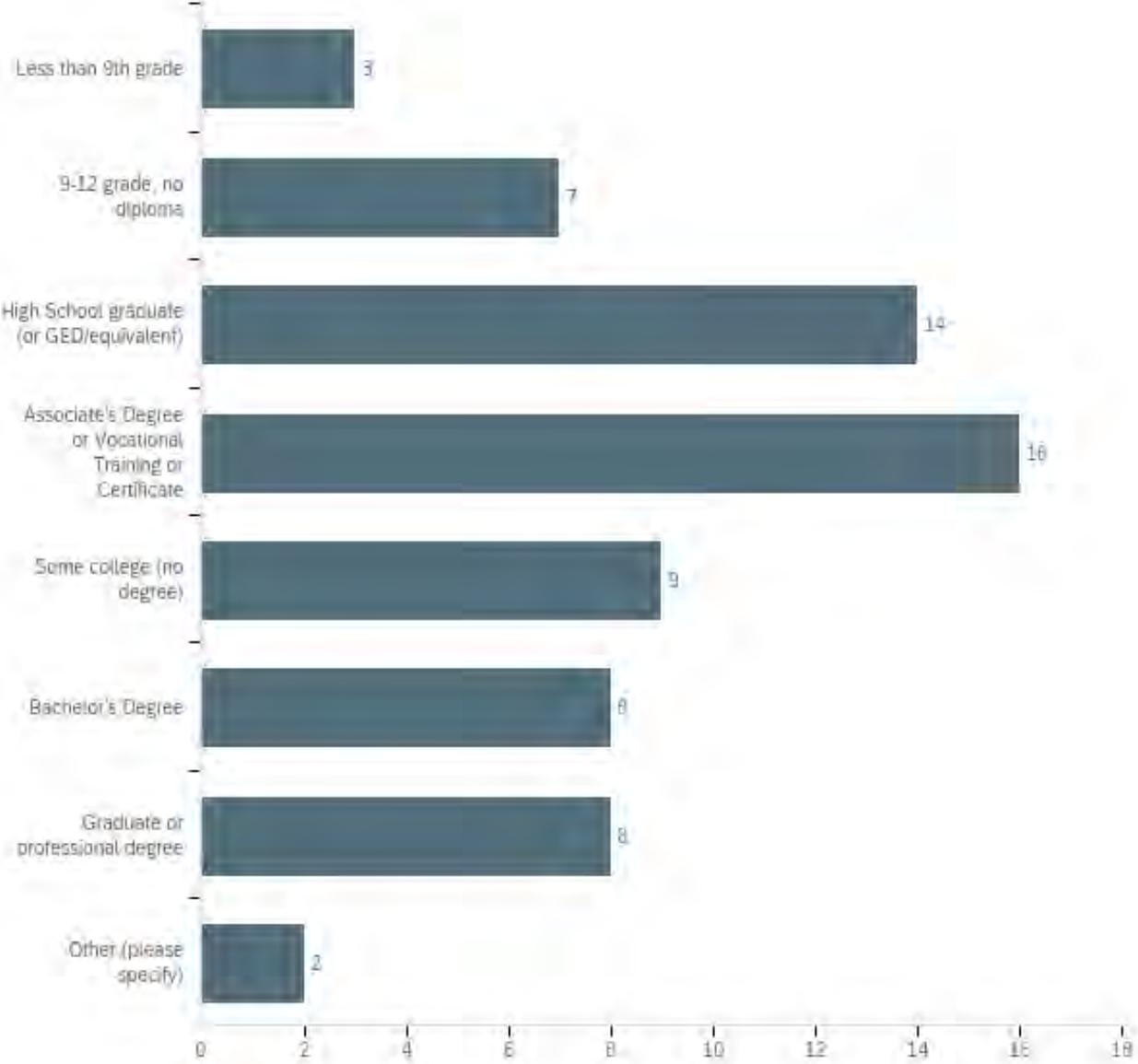
**Race (select only one)**



### Age (select only one)



**What is the highest grade or year of school you completed? (select only one)**



**Other (please specify)**

Other (please specify) - Text

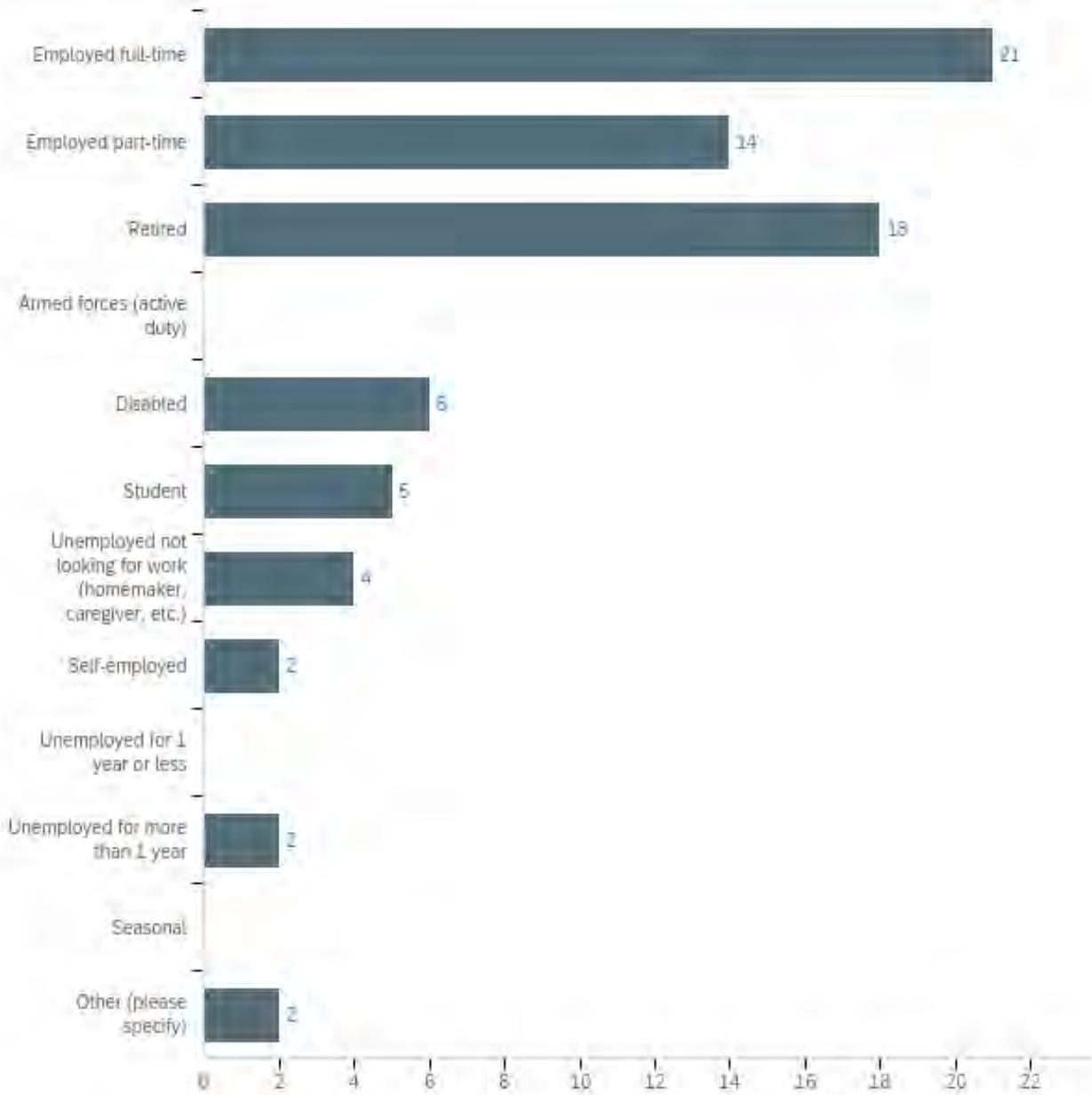
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certified coding specialist & bachelor's degree

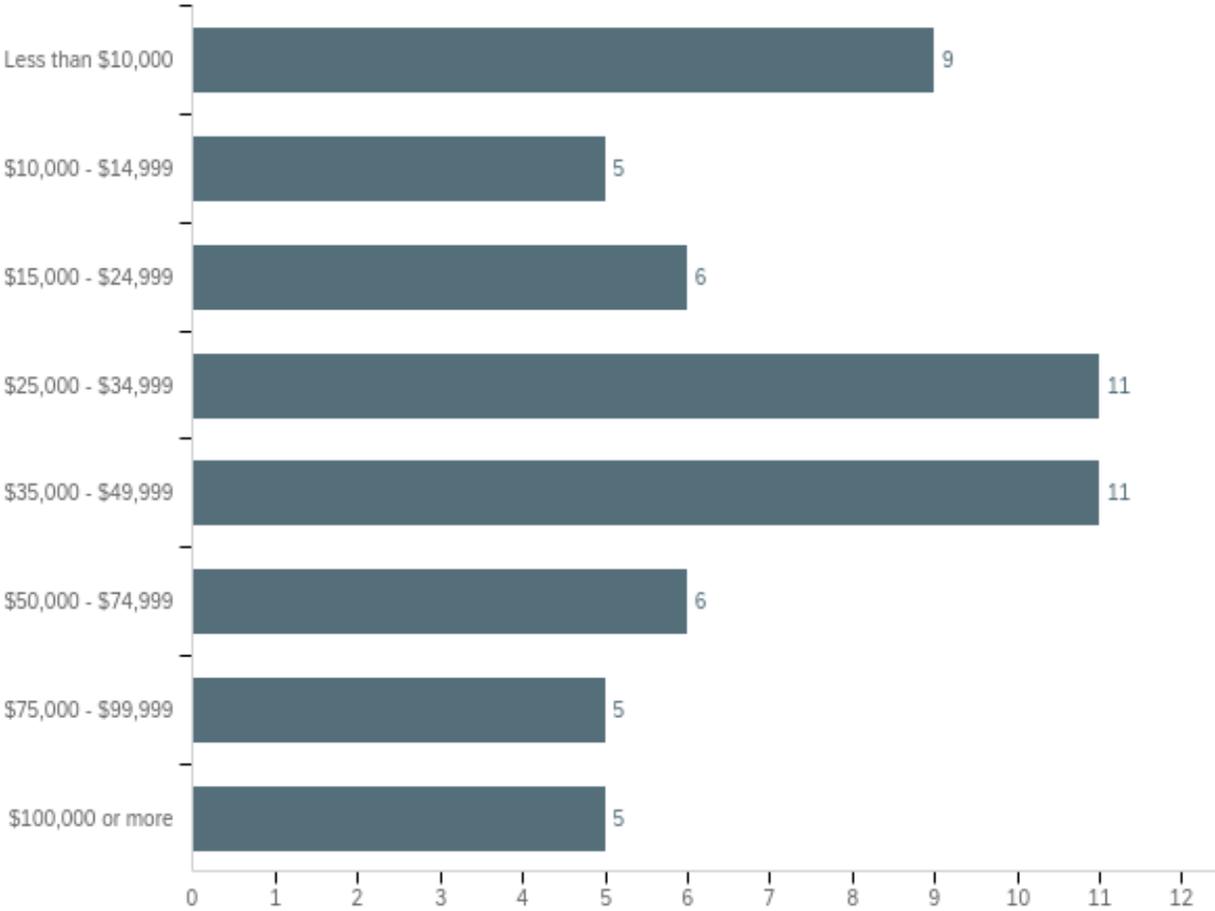
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no response

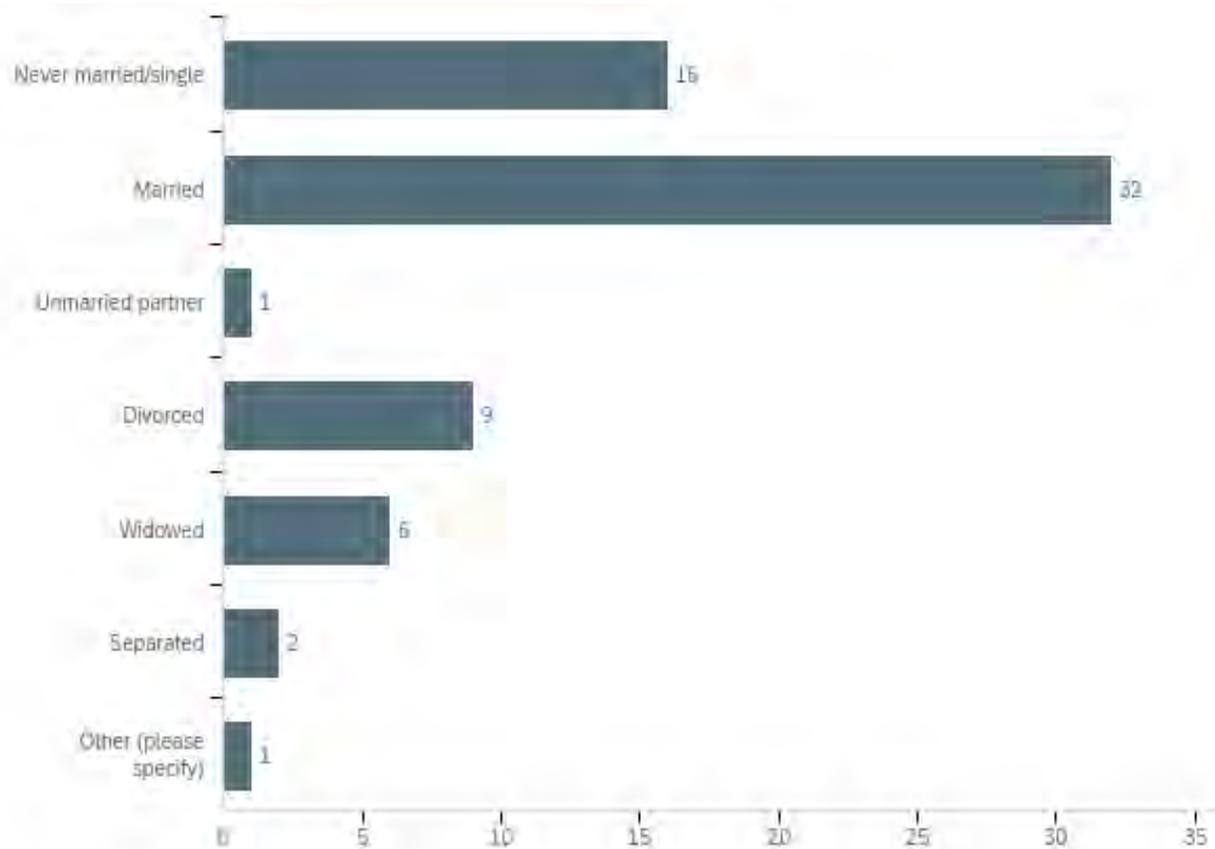
**Employment status (select all that apply)**



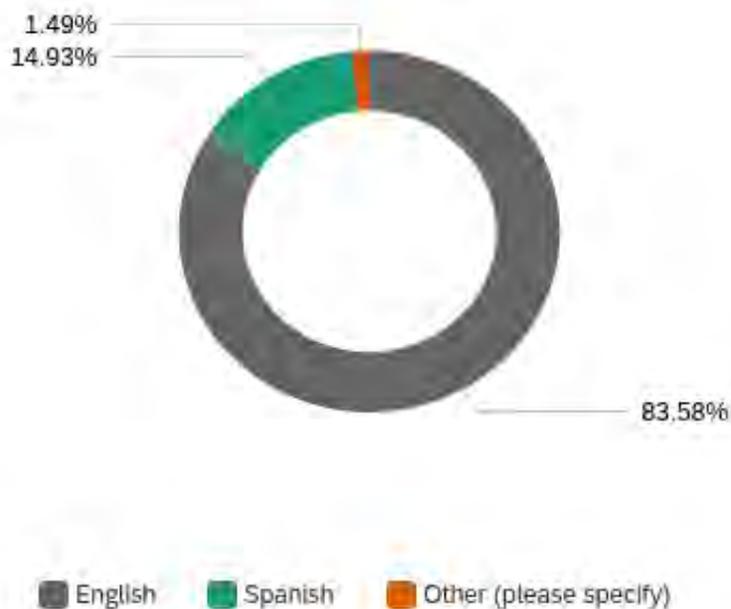
**What was your total household income last year before taxes? (select only one)**



### What is your marital status? (select only one)



### What is the primary language spoken in the home? (select only one)



# Appendix 3: Survey Results

*Brunswick CHA Tables 2019*

i. In your opinion, what is the biggest health concern in your community? (select only one)												
Given Answers	All Surveys n=179		In Person n=136		By Mail n=43		Income Group 1 n=38		Income Group 2 n=73		Income Group 3 n=68	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Drug misuse	46	25.7%	33	24.3%	13	30.2%	8	21.1%	13	17.8%	25	36.8%
Chronic Disease (Heart disease, High blood pressure, Diabetes, Stroke)	35	19.6%	24	17.6%	11	25.6%	10	26.3%	19	26.0%	6	8.8%
Cancer	17	9.5%	14	10.3%	3	7.0%	3	7.9%	9	12.3%	5	7.4%
Environmental health exposures	12	6.7%	10	7.4%	2	4.7%	0	0.0%	4	5.5%	8	11.8%
Unsafe driving	12	6.7%	8	5.9%	4	9.3%	1	2.6%	6	8.2%	5	7.4%
Obesity	8	4.5%	5	3.7%	3	7.0%	1	2.6%	2	2.7%	5	7.4%
Mental Health	5	2.8%	5	3.7%	0	0.0%	0	0.0%	2	2.7%	3	4.4%
Malnutrition/Lack of food	4	2.2%	4	2.9%	0	0.0%	2	5.3%	0	0.0%	2	2.9%
Alcohol misuse	2	1.1%	1	0.7%	1	2.3%	2	5.3%	0	0.0%	0	0.0%
Asthma/Lung Disease	1	0.6%	1	0.7%	0	0.0%	1	2.6%	0	0.0%	0	0.0%
Dental health	1	0.6%	1	0.7%	0	0.0%	1	2.6%	0	0.0%	0	0.0%
Gangs/Violence	1	0.6%	1	0.7%	0	0.0%	1	2.6%	0	0.0%	0	0.0%
Prenatal care	1	0.6%	1	0.7%	0	0.0%	0	0.0%	1	1.4%	0	0.0%
Tobacco use	1	0.6%	1	0.7%	0	0.0%	0	0.0%	1	1.4%	0	0.0%
Other (please specify)	33	18.4%	27	19.9%	6	14.0%	8	21.1%	16	21.9%	9	13.2%

- For select only one questions, n values represent the number of people in each subset who answered the given Question
- For selection more than one questions, n values represent the total number of responses in each subset (not individual people)
- % is based on the overall n value unless otherwise stated
- For Other (please specify) percentages are based on the number of people who chose Other NOT all responses for the Question
- Income Group 1 = Bottom 3rd; Income Group 2 = Middle 3rd; Income Group 3 = Top 3rd; For Household Income
- n values for In Person + Mailed = All Surveys; Income Group 1-3 = All Surveys

*Brunswick CHA Tables 2019*

1. In your opinion, what is the biggest health concern in your community? (select only one)												
Other (please specify)	All Surveys n=33		In Person n=27		By Mail n=6		Income Group 1 n=8		Income Group 2 n=16		Income Group 3 n=9	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Selected more than one option	17	51.5%	13	48.1%	4	66.7%	4	50.0%	9	56.3%	4	44.4%
Unsure	6	18.2%	5	18.5%	1	16.7%	0	0.0%	4	25.0%	2	22.2%
None	2	6.1%	2	7.4%	0	0.0%	1	12.5%	1	6.3%	0	0.0%
Aging Population	1	3.0%	1	3.7%	0	0.0%	0	0.0%	0	0.0%	1	11.1%
Smoke	1	3.0%	0	0.0%	1	16.7%	0	0.0%	0	0.0%	1	11.1%
Water – iron and rust in the water	1	3.0%	1	3.7%	0	0.0%	1	12.5%	0	0.0%	0	0.0%
adult seniors living alone	1	3.0%	1	3.7%	0	0.0%	0	0.0%	1	6.3%	0	0.0%
lack of affordable healthcare	1	3.0%	1	3.7%	0	0.0%	1	12.5%	0	0.0%	0	0.0%
public waste/genx	1	3.0%	1	3.7%	0	0.0%	1	12.5%	0	0.0%	0	0.0%
transportation for seniors to access care in NC & SC	1	3.0%	1	3.7%	0	0.0%	0	0.0%	1	6.3%	0	0.0%
vehicle break ins	1	3.0%	1	3.7%	0	0.0%	0	0.0%	0	0.0%	1	11.1%

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- For Other (please specify) percentages are based on the number of people who chose Other NOT all responses for the Question
- Income Group 1 = Bottom 3rd; Income Group 2 = Middle 3rd; Income Group 3 = Top 3rd; For Household Income
- n values for In Person + Mailed = All Surveys; Income Group 1-3 = All Surveys

*Brunswick CHA Tables 2019*

2. In your opinion, which three areas need the most improvement in your neighborhood or community? (select your top three)												
Given Answers	All Surveys n=470		In Person n=348		By Mail n=122		Income Group 1 n=101		Income Group 2 n=184		Income Group 3 n=185	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Elder care options	47	10.0%	27	7.8%	20	16.4%	7	6.9%	24	13.0%	16	8.6%
Higher paying employment	45	9.6%	35	10.1%	10	8.2%	10	9.9%	18	9.8%	17	9.2%
Road maintenance	40	8.5%	31	8.9%	9	7.4%	7	6.9%	15	8.2%	18	9.7%
Better/more recreational facilities (parks, trails, community centers)	38	8.1%	31	8.9%	7	5.7%	10	9.9%	10	5.4%	18	9.7%
Transportation options	37	7.9%	27	7.8%	10	8.2%	9	8.9%	12	6.5%	16	8.6%
More affordable health services	35	7.4%	23	6.6%	12	9.8%	5	5.0%	16	8.7%	14	7.6%
Number of health care providers	29	6.2%	18	5.2%	11	9.0%	4	4.0%	17	9.2%	8	4.3%
Road safety	29	6.2%	25	7.2%	4	3.3%	6	5.9%	8	4.3%	15	8.1%
Availability of employment	25	5.3%	19	5.5%	6	4.9%	10	9.9%	7	3.8%	8	4.3%
Better/more healthy food choices	22	4.7%	17	4.9%	5	4.1%	4	4.0%	9	4.9%	9	4.9%
Counseling/mental health/support groups	20	4.3%	17	4.9%	3	2.5%	7	6.9%	7	3.8%	6	3.2%
Services for disabled people	20	4.3%	14	4.0%	6	4.9%	4	4.0%	10	5.4%	6	3.2%
Healthy family activities	17	3.6%	11	3.2%	6	4.9%	2	2.0%	6	3.3%	9	4.9%
Positive teen activities	17	3.6%	14	4.0%	3	2.5%	4	4.0%	4	2.2%	9	4.9%
Animal control	13	2.8%	10	2.9%	3	2.5%	4	4.0%	6	3.3%	3	1.6%
Child care options	9	1.9%	7	2.0%	2	1.6%	1	1.0%	3	1.6%	5	2.7%
Culturally appropriate health services	8	1.7%	4	1.1%	4	3.3%	1	1.0%	4	2.2%	3	1.6%

- For select only one questions, n values represent the number of people in each subset who answered the given Question
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- For Other (please specify) percentages are based on the number of people who chose Other NOT all responses for the Question
- Income Group 1 = Bottom 3rd; Income Group 2 = Middle 3rd; Income Group 3 = Top 3rd; For Household Income
- n values for In Person + Mailed = All Surveys; Income Group 1-3 = All Surveys

*Brunswick CHA Tables 2019*

2. In your opinion, which three areas need the most improvement in your neighborhood or community? (select your top three)												
Given Answers	All Surveys n=470		In Person n=348		By Mail n=122		Income Group 1 n=101		Income Group 2 n=184		Income Group 3 n=185	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
None	6	1.3%	6	1.7%	0	0.0%	2	2.0%	3	1.6%	1	0.5%
Other (please specify)	13	2.8%	12	3.4%	1	0.8%	4	4.0%	5	2.7%	4	2.2%

- For select only one questions, n values represent the number of people in each subset who answered the given Question
- For selection more than one questions, n values represent the total number of responses in each subset (not individual people)
- % is based on the overall n value unless otherwise stated
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- n values for In Person + Mailed = All Surveys; Income Group 1-3 = All Surveys

*Brunswick CHA Tables 2019*

2. In your opinion, which three areas need the most improvement in your neighborhood or community? (select your top three)												
Other (please specify)	All Surveys n=14		In Person n=12		By Mail n=2		Income Group 1 n=4		Income Group 2 n=5		Income Group 3 n=5	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Affordable housing	2	14.3%	2	16.7%	0	0.0%	1	25.0%	0	0.0%	1	20.0%
BetteR ACCESS TO FOOD STAMPS,	1	7.1%	1	8.3%	0	0.0%	0	0.0%	1	20.0%	0	0.0%
DOES NOT TRUST THE DOCTORS OFFICE People take care of themselves	1	7.1%	1	8.3%	0	0.0%	1	25.0%	0	0.0%	0	0.0%
I think that it would be beneficial to have more sidewalks all through shallotte. Not just main street	1	7.1%	0	0.0%	1	50.0%	1	25.0%	0	0.0%	0	0.0%
Mental health	1	7.1%	1	8.3%	0	0.0%	0	0.0%	0	0.0%	1	20.0%
Very satisfied with neighborhood services	1	7.1%	1	8.3%	0	0.0%	0	0.0%	1	20.0%	0	0.0%
Zoning env health, crime loitering	1	7.1%	1	8.3%	0	0.0%	0	0.0%	1	20.0%	0	0.0%
activities	1	7.1%	1	8.3%	0	0.0%	0	0.0%	1	20.0%	0	0.0%
coyotes	1	7.1%	0	0.0%	1	50.0%	0	0.0%	0	0.0%	1	20.0%
protection of wildlife and their habitat	1	7.1%	1	8.3%	0	0.0%	0	0.0%	0	0.0%	1	20.0%
providers accepting new medicare patients	1	7.1%	1	8.3%	0	0.0%	1	25.0%	0	0.0%	0	0.0%

- For select only one questions, n values represent the number of people in each subset who answered the given Question
- For selection more than one questions, n values represent the total number of responses in each subset (not individual people)
- % is based on the overall n value unless otherwise stated
- For Other (please specify) percentages are based on the number of people who chose Other NOT all responses for the Question
- Income Group 1 = Bottom 3rd; Income Group 2 = Middle 3rd; Income Group 3 = Top 3rd; For Household Income
- n values for In Peron + Mailed = All Surveys; Income Group 1-3 = All Surveys

*Brunswick CHA Tables 2019*

2. In your opinion, which three areas need the most improvement in your neighborhood or community? (select your top three)												
Other (please specify)	All Surveys n=14		In Person n=12		By Mail n=2		Income Group 1 n=4		Income Group 2 n=5		Income Group 3 n=5	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
safer zoning & permitting so an asphalt plant isn't in a neighborhood	1	7.1%	1	8.3%	0	0.0%	0	0.0%	1	20.0%	0	0.0%
shoulder of roads to ditch maintenance - people cannot walk or ride bikes due to this problem - especially highway 211 & Long Beach Rd.	1	7.1%	1	8.3%	0	0.0%	0	0.0%	0	0.0%	1	20.0%

- For select only one questions, n values represent the number of people in each subset who answered the given Question
- For selection more than one questions, n values represent the total number of responses in each subset (not individual people)
- % is based on the overall n value unless otherwise stated
- For Other (please specify) percentages are based on the number of people who chose Other NOT all responses for the Question
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- n values for In Person + Mailed = All Surveys; Income Group 1-3 = All Surveys

*Brunswick CHA Tables 2019*

<b>*2. In your opinion, which three areas need the most improvement in your neighborhood or community? (select your top three)</b>			
<b>Given Answers</b>	<b>Count</b>	<b>% (n=470)</b>	<b>% respondents *(n=178)</b>
Elder care options	47	10.00%	26%
Higher paying employment	45	9.60%	25%
Road maintenance	40	8.50%	22%
Better/more recreational facilities (parks, trails, community centers)	38	8.10%	21%
Transportation options	37	7.90%	21%
More affordable health services	35	7.40%	20%
Number of health care providers	29	6.20%	16%
Road safety	29	6.20%	16%
Availability of employment	25	5.30%	14%
Better/more healthy food choices	22	4.70%	12%
Counseling/mental health/support groups	20	4.30%	11%
Services for disabled people	20	4.30%	11%
Healthy family activities	17	3.60%	10%
Positive teen activities	17	3.60%	10%
Animal control	13	2.80%	7%
Child care options	9	1.90%	5%
Culturally appropriate health services	8	1.70%	4%
None	6	1.30%	3%
Other (please specify)	13	2.80%	7%

\*% respondents refer to the total percentage of people (n=178) who selected this as one of their choices. The “%” is based on based on the total number of responses (n=470).

*Brunswick CHA Tables 2019*

3. In your opinion, which three issues most negatively affect the quality of life in Brunswick County? (select your top three)												
Given Answers	All Surveys n=511		In Person n=387		By Mail n=124		Income Group 1 n=102		Income Group 2 n=209		Income Group 3 n=200	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Alcohol, drugs, or medication misuse and abuse	94	18.4%	69	17.8%	25	20.2%	26	25.5%	36	17.2%	32	16.0%
Lack of affordable housing	35	6.8%	28	7.2%	7	5.6%	7	6.9%	11	5.3%	17	8.5%
Low income/poverty	34	6.7%	20	5.2%	14	11.3%	6	5.9%	15	7.2%	13	6.5%
Lack of employment opportunities	32	6.3%	25	6.5%	7	5.6%	10	9.8%	11	5.3%	11	5.5%
Unsafe driving	32	6.3%	29	7.5%	3	2.4%	3	2.9%	18	8.6%	11	5.5%
Lack of transportation	27	5.3%	23	5.9%	4	3.2%	2	2.0%	15	7.2%	10	5.0%
Lack of recreational facilities (parks, trails, community centers, pools, etc.)	24	4.7%	19	4.9%	5	4.0%	5	4.9%	12	5.7%	7	3.5%
Theft/petty crime	24	4.7%	18	4.7%	6	4.8%	5	4.9%	12	5.7%	7	3.5%
Poor air/water/ land quality	22	4.3%	14	3.6%	8	6.5%	2	2.0%	9	4.3%	11	5.5%
Traffic	20	3.9%	14	3.6%	6	4.8%	2	2.0%	7	3.3%	11	5.5%
Lack of healthy food choices or affordable healthy food	19	3.7%	15	3.9%	4	3.2%	4	3.9%	5	2.4%	10	5.0%
Lack of places to exercise	14	2.7%	8	2.1%	6	4.8%	2	2.0%	5	2.4%	7	3.5%
Lack of/inadequate health insurance	14	2.7%	11	2.8%	3	2.4%	5	4.9%	5	2.4%	4	2.0%
Homelessness	13	2.5%	9	2.3%	4	3.2%	3	2.9%	5	2.4%	5	2.5%

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*Brunswick CHA Tables 2019*

3. In your opinion, which three issues most negatively affect the quality of life in Brunswick County? (select your top three)												
Given Answers	All Surveys n=511		In Person n=387		By Mail n=124		Income Group 1 n=102		Income Group 2 n=209		Income Group 3 n=200	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Lack of childcare or recreational programs for youth	13	2.5%	12	3.1%	1	0.8%	3	2.9%	4	1.9%	6	3.0%
Lack of education opportunities	12	2.3%	10	2.6%	2	1.6%	2	2.0%	5	2.4%	5	2.5%
Child neglect and abuse	10	2.0%	7	1.8%	3	2.4%	3	2.9%	4	1.9%	3	1.5%
Gang involvement	10	2.0%	10	2.6%	0	0.0%	2	2.0%	4	1.9%	4	2.0%
Dropping out of school	9	1.8%	7	1.8%	2	1.6%	1	1.0%	5	2.4%	3	1.5%
Smoking/tobacco use	9	1.8%	5	1.3%	4	3.2%	1	1.0%	3	1.4%	5	2.5%
Domestic/sexual violence	8	1.6%	6	1.6%	2	1.6%	3	2.9%	3	1.4%	2	1.0%
Social isolation/loneliness	8	1.6%	7	1.8%	1	0.8%	0	0.0%	6	2.9%	2	1.0%
Motor vehicle injuries including bicyclist and pedestrians	7	1.4%	7	1.8%	0	0.0%	0	0.0%	3	1.4%	4	2.0%
Discrimination/racism	6	1.2%	4	1.0%	2	1.6%	1	1.0%	2	1.0%	3	1.5%
Poor housing conditions	5	1.0%	3	0.8%	2	1.6%	2	2.0%	1	0.5%	2	1.0%
Violent crime (murder, assault)	3	0.6%	2	0.5%	1	0.8%	1	1.0%	1	0.5%	1	0.5%
Other (please specify)	7	1.4%	5	1.3%	2	1.6%	1	1.0%	2	1.0%	4	2.0%

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*Brunswick CHA Tables 2019*

3. In your opinion, which three issues most negatively affect the quality of life in Brunswick County? (select your top three)												
Other (please specify)	All Surveys n=8		In Person n=6		By Mail n=2		Income Group 1 n=1		Income Group 2 n=3		Income Group 3 n=4	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Lack of adequate paying jobs	1	12.5%	1	16.7%	0	0.0%	0	0.0%	0	0.0%	1	25.0%
Lack of opportunity for young adults	1	12.5%	1	16.7%	0	0.0%	0	0.0%	0	0.0%	1	25.0%
No Gyms, no pools, no walking trails, Constant smoke, lack of good doctors close by, lack of experienced doctors, long wait list for appointments!	1	12.5%	0	0.0%	1	50.0%	0	0.0%	0	0.0%	1	25.0%
Over population	1	12.5%	1	16.7%	0	0.0%	0	0.0%	0	0.0%	1	25.0%
She believe	1	12.5%	1	16.7%	0	0.0%	1	100%	0	0.0%	0	0.0%
single story homes	1	12.5%	0	0.0%	1	50.0%	0	0.0%	1	33.3%	0	0.0%
vehicles with loud mufflers	1	12.5%	1	16.7%	0	0.0%	0	0.0%	1	33.3%	0	0.0%
water quality	1	12.5%	1	16.7%	0	0.0%	0	0.0%	1	33.3%	0	0.0%

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*Brunswick CHA Tables 2019*

<b>3. In your opinion, which three issues most negatively affect the quality of life in Brunswick County? (select your top three)</b>			
<b>Given Answers</b>	<b>Count</b>	<b>%</b>	<b>% respondents (n=174)</b>
Alcohol, drugs, or medication misuse and abuse	94	18.40%	54%
Lack of affordable housing	35	6.80%	20%
Low income/poverty	34	6.70%	20%
Lack of employment opportunities	32	6.30%	18%
Unsafe driving	32	6.30%	18%
Lack of transportation	27	5.30%	16%
Lack of recreational facilities (parks, trails, community centers, pools, etc.)	24	4.70%	14%
Theft/petty crime	24	4.70%	14%
Poor air/water/ land quality	22	4.30%	13%
Traffic	20	3.90%	11%
Lack of healthy food choices or affordable healthy food	19	3.70%	11%
Lack of places to exercise	14	2.70%	8%
Lack of/inadequate health insurance	14	2.70%	8%
Homelessness	13	2.50%	7%
Lack of childcare or recreational programs for youth	13	2.50%	7%
Lack of education opportunities	12	2.30%	7%
Child neglect and abuse	10	2.00%	6%
Gang involvement	10	2.00%	6%
Dropping out of school	9	1.80%	5%
Smoking/tobacco use	9	1.80%	5%
Domestic/sexual violence	8	1.60%	5%
Social isolation/loneliness	8	1.60%	5%
Motor vehicle injuries including bicyclist and pedestrians	7	1.40%	4%
Discrimination/racism	6	1.20%	3%
Poor housing conditions	5	1.00%	3%
Violent crime (murder, assault)	3	0.60%	2%
Other (please specify)	7	1.40%	4%

\*% respondents refer to the total percentage of people (n=174) who selected this as one of their choices. The “%” is based on based on the total number of responses (n=511).

*Brunswick CHA Tables 2019*

4. What are the top five most needed health screenings or education/information services in your community? (select your top five)												
Given Answers	All Surveys n=765		In Person n=572		By Mail n=193		Income Group 1 n=156		Income Group 2 n=301		Income Group 3 n=308	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Mental health (including depression/anxiety)	73	9.5%	51	8.9%	22	11.4%	14	9.0%	33	11.0%	26	8.4%
Addiction/Recovery	72	9.4%	53	9.3%	19	9.8%	14	9.0%	29	9.6%	29	9.4%
Cognitive disorders (Dementia and Alzheimer's)	63	8.2%	43	7.5%	20	10.4%	15	9.6%	24	8.0%	24	7.8%
Cancer	58	7.6%	41	7.2%	17	8.8%	11	7.1%	24	8.0%	23	7.5%
Substance misuse	52	6.8%	38	6.6%	14	7.3%	12	7.7%	16	5.3%	24	7.8%
Blood pressure	39	5.1%	27	4.7%	12	6.2%	8	5.1%	10	3.3%	21	6.8%
Diabetes	39	5.1%	30	5.2%	9	4.7%	10	6.4%	16	5.3%	13	4.2%
Physical activity	37	4.8%	27	4.7%	10	5.2%	8	5.1%	10	3.3%	19	6.2%
Nutrition/Healthy eating	35	4.6%	26	4.5%	9	4.7%	4	2.6%	14	4.7%	17	5.5%
Safe driving	34	4.4%	26	4.5%	8	4.1%	5	3.2%	17	5.6%	12	3.9%
Emergency Preparedness	31	4.1%	27	4.7%	4	2.1%	6	3.8%	12	4.0%	13	4.2%
Dental screenings	29	3.8%	22	3.8%	7	3.6%	7	4.5%	10	3.3%	12	3.9%
Reading understating/English language skill level	28	3.7%	22	3.8%	6	3.1%	3	1.9%	10	3.3%	15	4.9%
Child growth and development screenings	24	3.1%	20	3.5%	4	2.1%	5	3.2%	11	3.7%	8	2.6%
Vaccinations/immunizations	24	3.1%	20	3.5%	4	2.1%	7	4.5%	11	3.7%	6	1.9%
Cholesterol	20	2.6%	12	2.1%	8	4.1%	3	1.9%	8	2.7%	9	2.9%
Vision screenings	16	2.1%	11	1.9%	5	2.6%	2	1.3%	9	3.0%	5	1.6%

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*Brunswick CHA Tables 2019*

4. What are the top five most needed health screenings or education/information services in your community? (select your top five)												
Given Answers	All Surveys n=765		In Person n=572		By Mail n=193		Income Group 1 n=156		Income Group 2 n=301		Income Group 3 n=308	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Stroke	15	2.0%	12	2.1%	3	1.6%	3	1.9%	7	2.3%	5	1.6%
Learning Disabilities screenings	14	1.8%	13	2.3%	1	0.5%	6	3.8%	5	1.7%	3	1.0%
HIV/Sexually transmitted diseases	12	1.6%	10	1.7%	2	1.0%	5	3.2%	4	1.3%	3	1.0%
Unknown/Unsure	11	1.4%	10	1.7%	1	0.5%	1	0.6%	6	2.0%	4	1.3%
Pregnancy prevention	9	1.2%	6	1.0%	3	1.6%	0	0.0%	4	1.3%	5	1.6%
Child car seats	7	0.9%	6	1.0%	1	0.5%	2	1.3%	2	0.7%	3	1.0%
Disease outbreaks	6	0.8%	5	0.9%	1	0.5%	1	0.6%	2	0.7%	3	1.0%
Eating disorders	6	0.8%	5	0.9%	1	0.5%	2	1.3%	2	0.7%	2	0.6%
Seatbelts	4	0.5%	3	0.5%	1	0.5%	0	0.0%	3	1.0%	1	0.3%
Other (please specify)	7	0.9%	6	1.0%	1	0.5%	2	1.3%	2	0.7%	3	1.0%

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*Brunswick CHA Tables 2019*

4. What are the top five most needed health screenings or education/information services in your community? (select your top five)												
Other (please specify)	All Surveys n=7		In Person n=6		By Mail n=1		Income Group 1 n=2		Income Group 2 n=2		Income Group 3 n=3	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Acute illness/cold	1	14.3%	1	16.7%	0	0.0%	1	50.0%	0	0.0%	0	0.0%
Env hlth	1	14.3%	1	16.7%	0	0.0%	0	0.0%	1	50.0%	0	0.0%
In her opinion the doctors here are only after a profit not concerned for patients	1	14.3%	1	16.7%	0	0.0%	1	50.0%	0	0.0%	0	0.0%
No problems	1	14.3%	1	16.7%	0	0.0%	0	0.0%	0	0.0%	1	33.3%
Outreach programs for youth	1	14.3%	1	16.7%	0	0.0%	0	0.0%	0	0.0%	1	33.3%
poor road system - emergency response is slower than it should be because of it	1	14.3%	1	16.7%	0	0.0%	0	0.0%	0	0.0%	1	33.3%
unsure	1	14.3%	0	0.0%	1	100%	0	0.0%	1	50.0%	0	0.0%

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*Brunswick CHA Tables 2019*

<b>4. What are the top five most needed health screenings or education/information services in your community? (select your top five)</b>			
<b>Given Answers</b>	<b>Count</b>	<b>% (n=765)</b>	<b>% respondents (n=177)</b>
Mental health (including depression/anxiety)	73	9.50%	41%
Addiction/Recovery	72	9.40%	41%
Cognitive disorders (Dementia and Alzheimer's)	63	8.20%	36%
Cancer	58	7.60%	33%
Substance misuse	52	6.80%	29%
Blood pressure	39	5.10%	22%
Diabetes	39	5.10%	22%
Physical activity	37	4.80%	21%
Nutrition/Healthy eating	35	4.60%	20%
Safe driving	34	4.40%	19%
Emergency Preparedness	31	4.10%	18%
Dental screenings	29	3.80%	16%
Reading understating/English language skill level	28	3.70%	16%
Child growth and development screenings	24	3.10%	14%
Vaccinations/Immunizations	24	3.10%	14%
Cholesterol	20	2.60%	11%
Vision screenings	16	2.10%	9%
Stroke	15	2.00%	8%
Learning Disabilities screenings	14	1.80%	8%
HIV/Sexually transmitted diseases	12	1.60%	7%
Unknown/Unsure	11	1.40%	6%
Pregnancy prevention	9	1.20%	5%
Child car seats	7	0.90%	4%
Disease outbreaks	6	0.80%	3%
Eating disorders	6	0.80%	3%
Seatbelts	4	0.50%	2%
Other (please specify)	7	0.90%	4%

<sup>80</sup>% respondents refer to the total percentage of people (n=177) who selected this as one of their choices. The "0%" is based on based on the total number of responses (n=177).

*Brunswick CHA Tables 2019*

5. Our community is a safe place to be physically active. How strongly do you agree or disagree with this statement?												
	All Surveys n=178		In Person n=137		By Mail n=41		Income Group 1 n=35		Income Group 2 n=73		Income Group 3 n=70	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Agree	108	60.7%	79	57.7%	29	70.7%	22	62.9%	43	58.9%	43	61.4%
Strongly agree	49	27.5%	43	31.4%	6	14.6%	8	22.9%	22	30.1%	19	27.1%
Disagree	13	7.3%	8	5.8%	5	12.2%	2	5.7%	7	9.6%	4	5.7%
Strongly disagree	4	2.2%	3	2.2%	1	2.4%	2	5.7%	0	0.0%	2	2.9%
Unknown/Unsure	4	2.2%	4	2.9%	0	0.0%	1	2.9%	1	1.4%	2	2.9%

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## Brunswick CHA Tables 2019

6. Where do you and your family get the most of your health information? (select all that apply)												
Given Answers	All Surveys n=366		In Person n=271		By Mail n=95		Income Group 1 n=83		Income Group 2 n=141		Income Group 3 n=142	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Doctor/Health professional	149	40.7%	111	41.0%	38	40.0%	28	33.7%	65	46.1%	56	39.4%
Internet	85	23.2%	63	23.2%	22	23.2%	21	25.3%	33	23.4%	31	21.8%
Friends or family	32	8.7%	25	9.2%	7	7.4%	6	7.2%	9	6.4%	17	12.0%
Television	29	7.9%	21	7.7%	8	8.4%	10	12.0%	10	7.1%	9	6.3%
Newspaper/Magazine	27	7.4%	14	5.2%	13	13.7%	7	8.4%	10	7.1%	10	7.0%
Social Media	15	4.1%	11	4.1%	4	4.2%	3	3.6%	4	2.8%	8	5.6%
Health department	9	2.5%	9	3.3%	0	0.0%	3	3.6%	2	1.4%	4	2.8%
Hospital newsletter	7	1.9%	5	1.8%	2	2.1%	2	2.4%	3	2.1%	2	1.4%
Radio	7	1.9%	6	2.2%	1	1.1%	3	3.6%	2	1.4%	2	1.4%
Library	1	0.3%	1	0.4%	0	0.0%	0	0.0%	1	0.7%	0	0.0%
Other (please specify)	5	1.4%	5	1.8%	0	0.0%	0	0.0%	2	1.4%	3	2.1%

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*Brunswick CHA Tables 2019*

6. Where do you and your family get the most of your health information? (select all that apply)												
Other (please specify)	All Surveys n=5		In Person n=5		By Mail n=0		Income Group 1 n=0		Income Group 2 n=2		Income Group 3 n=3	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
wife (nurse)	2	40.0%	2	40.0%	0	.	0	.	1	50.0%	1	33.3%
VA	1	20.0%	1	20.0%	0	.	0	.	1	50.0%	0	0.0%
common sense	1	20.0%	1	20.0%	0	.	0	.	0	0.0%	1	33.3%
work place	1	20.0%	1	20.0%	0	.	0	.	0	0.0%	1	33.3%

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*Brunswick CHA Tables 2019*

<b>6. Where do you and your family get the most of your health information? (select all that apply)</b>			
<b>Given Answers</b>	<b>Count</b>	<b>% (n=366)</b>	<b>% respondents (n=179)</b>
Doctor/Health professional	149	40.70%	83%
Internet	85	23.20%	47%
Friends or family	32	8.70%	18%
Television	29	7.90%	16%
Newspaper/Magazine	27	7.40%	15%
Social Media	15	4.10%	8%
Health department	9	2.50%	5%
Hospital newsletter	7	1.90%	4%
Radio	7	1.90%	4%
Library	1	0.30%	1%
Other (please specify)	5	1.40%	3%
*% respondents refer to the total percentage of people (n=179) who selected this as one of their choices. The "%%" is based on based on the total number of responses (n=366).			

## Brunswick CHA Tables 2019

7. Which of these problems prevented you and/or your household from getting necessary health care? (select all that apply)												
Given Answers	All Surveys n=282		In Person n=201		By Mail n=81		Income Group 1 n=60		Income Group 2 n=113		Income Group 3 n=109	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
None/No challenges	66	23.4%	50	24.9%	16	19.8%	13	21.7%	28	24.8%	25	22.9%
Waiting too long to get an appointment	40	14.2%	29	14.4%	11	13.6%	5	8.3%	19	16.8%	16	14.7%
Lack of insurance	39	13.8%	31	15.4%	8	9.9%	12	20.0%	12	10.6%	15	13.8%
Unable to pay	30	10.6%	22	10.9%	8	9.9%	7	11.7%	13	11.5%	10	9.2%
Need appointment hours outside of 8:00am -5:00pm	25	8.9%	16	8.0%	9	11.1%	6	10.0%	7	6.2%	12	11.0%
Waiting too long at providers office	19	6.7%	9	4.5%	10	12.3%	3	5.0%	10	8.8%	6	5.5%
Transportation	10	3.5%	6	3.0%	4	4.9%	4	6.7%	1	0.9%	5	4.6%
Lack of trust and communication with provider	9	3.2%	5	2.5%	4	4.9%	1	1.7%	5	4.4%	3	2.8%
Lack of knowledge/understanding of the need	7	2.5%	5	2.5%	2	2.5%	2	3.3%	2	1.8%	3	2.8%
Not ready to face the health problem	6	2.1%	5	2.5%	1	1.2%	0	0.0%	3	2.7%	3	2.8%
Lack of childcare	5	1.8%	4	2.0%	1	1.2%	2	3.3%	1	0.9%	2	1.8%
Unknown/Unsure	5	1.8%	3	1.5%	2	2.5%	1	1.7%	1	0.9%	3	2.8%
Lack of elder/disability care	4	1.4%	2	1.0%	2	2.5%	0	0.0%	3	2.7%	1	0.9%
Culture/Health beliefs	3	1.1%	2	1.0%	1	1.2%	0	0.0%	2	1.8%	1	0.9%
Lack of LGBTQ+ focused care	2	0.7%	2	1.0%	0	0.0%	1	1.7%	1	0.9%	0	0.0%
Other (please specify)	12	4.3%	10	5.0%	2	2.5%	3	5.0%	5	4.4%	4	3.7%

*Brunswick CHA Tables 2019*

7. Which of these problems prevented you and/or your household from getting necessary health care? (select all that apply)												
Other (please specify)	All Surveys n=12		In Person n=10		By Mail n=2		Income Group 1 n=3		Income Group 2 n=5		Income Group 3 n=4	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Cost	1	8.3%	1	10.0%	0	0.0%	0	0.0%	0	0.0%	1	25.0%
Federal Government	1	8.3%	1	10.0%	0	0.0%	0	0.0%	1	20.0%	0	0.0%
Have not prevented from getting help	1	8.3%	1	10.0%	0	0.0%	0	0.0%	0	0.0%	1	25.0%
Healthcare cost	1	8.3%	1	10.0%	0	0.0%	0	0.0%	1	20.0%	0	0.0%
More doctors that accept medicare	1	8.3%	1	10.0%	0	0.0%	1	33.3%	0	0.0%	0	0.0%
No Issues	1	8.3%	0	0.0%	1	50.0%	0	0.0%	0	0.0%	1	25.0%
Too many referrals	1	8.3%	1	10.0%	0	0.0%	0	0.0%	1	20.0%	0	0.0%
cost of health insurance	1	8.3%	1	10.0%	0	0.0%	0	0.0%	0	0.0%	1	25.0%
lac of insurance -dental help	1	8.3%	0	0.0%	1	50.0%	1	33.3%	0	0.0%	0	0.0%
lack of specialist in area	1	8.3%	1	10.0%	0	0.0%	0	0.0%	1	20.0%	0	0.0%
qualified doctors	1	8.3%	1	10.0%	0	0.0%	0	0.0%	1	20.0%	0	0.0%
time - work out of town	1	8.3%	1	10.0%	0	0.0%	1	33.3%	0	0.0%	0	0.0%

*Brunswick CHA Tables 2019*

<b>7. Which of these problems prevented you and/or your household from getting necessary health care? (select all that apply)</b>			
<b>Given Answers</b>	<b>Count</b>	<b>% (n=282)</b>	<b>% respondents (n=176)</b>
None/No challenges	66	23.40%	38%
Waiting too long to get an appointment	40	14.20%	23%
Lack of insurance	39	13.80%	22%
Unable to pay	30	10.60%	17%
Need appointment hours outside of 8:00am -5:00pm	25	8.90%	14%
Waiting too long at providers office	19	6.70%	11%
Transportation	10	3.50%	6%
Lack of trust and communication with provider	9	3.20%	5%
Lack of knowledge/understanding of the need	7	2.50%	4%
Not ready to face the health problem	6	2.10%	3%
Lack of childcare	5	1.80%	3%
Unknown/Unsure	5	1.80%	3%
Lack of elder/disability care	4	1.40%	2%
Culture/Health beliefs	3	1.10%	2%
Lack of LGBTQ+ focused care	2	0.70%	1%
Other (please specify)	12	4.30%	7%
*% respondents refer to the total percentage of people (n=176) who selected this as one of their choices. The “%” is based on based on the total number of responses (n=282).			

*Brunswick CHA Tables 2019*

8. As it relates to health insurance and health care coverage, which of the following applies to you and/or your household? (select all that apply)												
Given Answers	All Surveys n=263		In Person n=204		By Mail n=59		Income Group 1 n=54		Income Group 2 n=106		Income Group 3 n=103	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Medicare or Medicare Supplement Plan	105	39.9%	78	38.2%	27	45.8%	20	37.0%	48	45.3%	37	35.9%
Private health insurance plan, provided by employer or workplace	82	31.2%	64	31.4%	18	30.5%	17	31.5%	34	32.1%	31	30.1%
Other private health insurance plan purchased directly from an insurance company or the Health Exchange	24	9.1%	21	10.3%	3	5.1%	4	7.4%	11	10.4%	9	8.7%
Medicaid	15	5.7%	13	6.4%	2	3.4%	5	9.3%	5	4.7%	5	4.9%
Tricare, CHAMPUS	14	5.3%	11	5.4%	3	5.1%	1	1.9%	3	2.8%	10	9.7%
I do not have health insurance or coverage	11	4.2%	8	3.9%	3	5.1%	4	7.4%	2	1.9%	5	4.9%
Other members of my household do not have insurance	7	2.7%	4	2.0%	3	5.1%	3	5.6%	1	0.9%	3	2.9%
Other (please specify)	5	1.9%	5	2.5%	0	0.0%	0	0.0%	2	1.9%	3	2.9%

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- n values for In Person + Mailed = All Surveys; Income Group 1-3 = All Surveys

*Brunswick CHA Tables 2019*

8. As it relates to health insurance and health care coverage, which of the following applies to you and/or your household? (select all that apply)												
Other (please specify)	All Surveys n=5		In Person n=5		By Mail n=0		Income Group 1 n=0		Income Group 2 n=2		Income Group 3 n=3	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Veterans Benefits	4	80.0%	4	80.0%	0	.	0	.	2	100%	2	66.7%
Don't know	1	20.0%	1	20.0%	0	.	0	.	0	0.0%	1	33.3%

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*Brunswick CHA Tables 2019*

<b>8. As it relates to health insurance and health care coverage, which of the following applies to you and/or your household? (select all that apply)</b>			
<b>Given Answers</b>	<b>Count</b>	<b>% (n=263)</b>	<b>% respondents (n=135)</b>
Medicare or Medicare Supplement Plan	105	39.90%	<b>78%</b>
Private health insurance plan, provided by employer or workplace	82	31.20%	<b>61%</b>
Other private health insurance plan purchased directly from an insurance company or the Health Exchange	24	9.10%	<b>18%</b>
Medicaid	15	5.70%	<b>11%</b>
Tricare, CHAMPUS	14	5.30%	<b>10%</b>
I do not have health insurance or coverage	11	4.20%	<b>8%</b>
Other members of my household do not have insurance	7	2.70%	<b>5%</b>
Other (please specify)	5	1.90%	<b>4%</b>
*% respondents refer to the total percentage of people (n=135) who selected this as one of their choices. The “%” is based on based on the total number of responses (n=263).			

*Brunswick CHA Tables 2019*

9. Was there any time in the past 12 months that your child/children did not have health insurance or health coverage?												
	All Surveys n=180		In Person n=138		By Mail n=42		Income Group 1 n=37		Income Group 2 n=72		Income Group 3 n=71	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
No	89	49.4%	76	55.1%	13	31.0%	21	56.8%	34	47.2%	34	47.9%
I do not have child/children	80	44.4%	51	37.0%	29	69.0%	10	27.0%	36	50.0%	34	47.9%
Yes	11	6.1%	11	8.0%	0	0.0%	6	16.2%	2	2.8%	3	4.2%

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*Brunswick CHA Tables 2019*

10. In the past 12 months, what challenges have you or a family member(s) faced getting a prescription filled? (select all that apply)												
Given Answers	All Surveys n=214		In Person n=164		By Mail n=50		Income Group 1 n=42		Income Group 2 n=89		Income Group 3 n=83	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
I/We didn't have challenges getting a prescription filled	118	55.1%	91	55.5%	27	54.0%	25	59.5%	47	52.8%	46	55.4%
Too costly	32	15.0%	22	13.4%	10	20.0%	3	7.1%	19	21.3%	10	12.0%
Insurance didn't cover	30	14.0%	23	14.0%	7	14.0%	8	19.0%	12	13.5%	10	12.0%
Lack of insurance	9	4.2%	8	4.9%	1	2.0%	1	2.4%	4	4.5%	4	4.8%
Pharmacy hours	5	2.3%	3	1.8%	2	4.0%	1	2.4%	1	1.1%	3	3.6%
Other (please specify)	20	9.3%	17	10.4%	3	6.0%	4	9.5%	6	6.7%	10	12.0%

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## Brunswick CHA Tables 2019

10. In the past 12 months, what challenges have you or a family member(s) faced getting a prescription filled? (select all that apply)												
Other (please specify)	All Surveys n=20		In Person n=17		By Mail n=3		Income Group 1 n=4		Income Group 2 n=6		Income Group 3 n=10	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
None	6	30.0%	5	29.4%	1	33.3%	0	0.0%	2	33.3%	4	40.0%
Can't get prescriptions due to new law limiting # within 6 months	1	5.0%	1	5.9%	0	0.0%	0	0.0%	0	0.0%	1	10.0%
Cough medicine too high	1	5.0%	1	5.9%	0	0.0%	1	25.0%	0	0.0%	0	0.0%
Getting appointment to have prescriptions refilled	1	5.0%	0	0.0%	1	33.3%	0	0.0%	0	0.0%	1	10.0%
Lack of being able to get a shingles shot	1	5.0%	1	5.9%	0	0.0%	0	0.0%	0	0.0%	1	10.0%
Medicare not approving medication & wait times	1	5.0%	1	5.9%	0	0.0%	1	25.0%	0	0.0%	0	0.0%
Only 1 pharmacy in area does compounding	1	5.0%	1	5.9%	0	0.0%	0	0.0%	1	16.7%	0	0.0%
VA Physician did not sign off on script	1	5.0%	1	5.9%	0	0.0%	0	0.0%	1	16.7%	0	0.0%
delay of hours to get pain meds	1	5.0%	0	0.0%	1	33.3%	1	25.0%	0	0.0%	0	0.0%
finding a physician	1	5.0%	1	5.9%	0	0.0%	0	0.0%	0	0.0%	1	10.0%
hit the doughnut hole	1	5.0%	1	5.9%	0	0.0%	0	0.0%	1	16.7%	0	0.0%
lapse of insurance	1	5.0%	1	5.9%	0	0.0%	1	25.0%	0	0.0%	0	0.0%
pharmacy not able to fill script	1	5.0%	1	5.9%	0	0.0%	0	0.0%	0	0.0%	1	10.0%
providers overcharging	1	5.0%	1	5.9%	0	0.0%	0	0.0%	1	16.7%	0	0.0%
waiting at Dr. office for refills	1	5.0%	1	5.9%	0	0.0%	0	0.0%	0	0.0%	1	10.0%

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*Brunswick CHA Tables 2019*

<b>10. In the past 12 months, what challenges have you or a family member(s) faced getting a prescription filled? (select all that apply)</b>			
<b>Given Answers</b>	<b>Count</b>	<b>% (n=214)</b>	<b>% respondents (n=179)</b>
I/We didn't have challenges getting a prescription filled	118	55.10%	<b>66%</b>
Too costly	32	15.00%	<b>18%</b>
Insurance didn't cover	30	14.00%	<b>17%</b>
Lack of insurance	9	4.20%	<b>5%</b>
Pharmacy hours	5	2.30%	<b>3%</b>
Other (please specify)	20	9.30%	<b>11%</b>
<small><sup>89%</sup> respondents refer to the total percentage of people (n=176) who selected this as one of their choices. The “%” is based on based on the total number of responses (n=214).</small>			

*Brunswick CHA Tables 2019*

11. In the past 12 months, what challenges have you or a family member(s) faced taking a prescription you had filled? (select all that apply)												
Given Answers	All Surveys n=164		In Person n=120		By Mail n=44		Income Group 1 n=29		Income Group 2 n=68		Income Group 3 n=67	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Fear of side effects	24	14.6%	17	14.2%	7	15.9%	4	13.8%	11	16.2%	9	13.4%
I/We didn't have any prescriptions filled	14	8.5%	12	10.0%	2	4.5%	1	3.4%	7	10.3%	6	9.0%
I/We already take too many medications	10	6.1%	5	4.2%	5	11.4%	1	3.4%	7	10.3%	2	3.0%
Allergic to medication	9	5.5%	5	4.2%	4	9.1%	1	3.4%	3	4.4%	5	7.5%
Worried I will become dependent on the medication	8	4.9%	6	5.0%	2	4.5%	3	10.3%	3	4.4%	2	3.0%
Didn't see a reason to take medication (lack of symptoms)	5	3.0%	3	2.5%	2	4.5%	2	6.9%	2	2.9%	1	1.5%
Don't trust provider	3	1.8%	2	1.7%	1	2.3%	1	3.4%	0	0.0%	2	3.0%
Personal reasons for not taking the medication	2	1.2%	1	0.8%	1	2.3%	0	0.0%	2	2.9%	0	0.0%
Other (please specify)	89	54.3%	69	57.5%	20	45.5%	16	55.2%	33	48.5%	40	59.7%

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*Brunswick CHA Tables 2019*

11. In the past 12 months, what challenges have you or a family member(s) faced taking a prescription you had filled? (select all that apply)												
Other (please specify)	All Surveys n=88		In Person n=68		By Mail n=20		Income Group 1 n=15		Income Group 2 n=33		Income Group 3 n=40	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
None	78	88.6%	60	88.2%	18	90.0%	14	93.3%	27	81.8%	37	92.5%
DNA N/A	1	1.1%	1	1.5%	0	0.0%	0	0.0%	1	3.0%	0	0.0%
Doctor and pharmacy conflict	1	1.1%	1	1.5%	0	0.0%	0	0.0%	1	3.0%	0	0.0%
Forgetful	1	1.1%	1	1.5%	0	0.0%	0	0.0%	1	3.0%	0	0.0%
Forgot to take at correct time of day	1	1.1%	1	1.5%	0	0.0%	0	0.0%	1	3.0%	0	0.0%
I have taken my prescriptions	1	1.1%	0	0.0%	1	5.0%	1	6.7%	0	0.0%	0	0.0%
Interactions with other prescription drugs	1	1.1%	1	1.5%	0	0.0%	0	0.0%	0	0.0%	1	2.5%
cost	1	1.1%	0	0.0%	1	5.0%	0	0.0%	1	3.0%	0	0.0%
had to drop several medications that were too expensive	1	1.1%	1	1.5%	0	0.0%	0	0.0%	0	0.0%	1	2.5%
television has me petrified	1	1.1%	1	1.5%	0	0.0%	0	0.0%	1	3.0%	0	0.0%
used as directed no problems	1	1.1%	1	1.5%	0	0.0%	0	0.0%	0	0.0%	1	2.5%

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*Brunswick CHA Tables 2019*

<b>11. In the past 12 months, what challenges have you or a family member(s) faced taking a prescription you had filled? (select all that apply)</b>			
<b>Given Answers</b>	<b>Count</b>	<b>% (n=164)</b>	<b>% respondents (n=145)</b>
Fear of side effects	24	14.60%	17%
I/We didn't have any prescriptions filled	14	8.50%	10%
I/We already take too many medications	10	6.10%	7%
Allergic to medication	9	5.50%	6%
Worried I will become dependent on the medication	8	4.90%	6%
Didn't see a reason to take medication (lack of symptoms)	5	3.00%	3%
Don't trust provider	3	1.80%	2%
Personal reasons for not taking the medication	2	1.20%	1%
Other (please specify)	89	54.30%	61%
*% respondents refer to the total percentage of people (n=145) who selected this as one of their choices. The "% is based on based on the total number of responses (n=164).			

*Brunswick CHA Tables 2019*

12. What type of transportation do you most often rely on? (select only one)												
Given Answers	All Surveys n=181		In Person n=139		By Mail n=42		Income Group 1 n=37		Income Group 2 n=74		Income Group 3 n=70	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Personal/family vehicle	166	91.7%	125	89.9%	41	97.6%	33	89.2%	68	91.9%	65	92.9%
Vehicle of family member/friend	7	3.9%	7	5.0%	0	0.0%	1	2.7%	5	6.8%	1	1.4%
Public transportation (Brunswick Transit System)	3	1.7%	2	1.4%	1	2.4%	3	8.1%	0	0.0%	0	0.0%
Other (please specify)	5	2.8%	5	3.6%	0	0.0%	0	0.0%	1	1.4%	4	5.7%

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- % is based on the overall n value unless otherwise stated
- For Other (please specify) percentages are based on the number of people who chose Other NOT all responses for the Question
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- n values for In Person + Mailed = All Surveys; Income Group 1-3 = All Surveys

*Brunswick CHA Tables 2019*

12. What type of transportation do you most often rely on? (select only one)												
Other (please specify)	All Surveys n=5		In Person n=5		By Mail n=0		Income Group 1 n=0		Income Group 2 n=1		Income Group 3 n=4	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Bicycle	1	20.0%	1	20.0%	0	.	0	.	0	0.0%	1	25.0%
Company car	1	20.0%	1	20.0%	0	.	0	.	0	0.0%	1	25.0%
We should have more access to public transportation	1	20.0%	1	20.0%	0	.	0	.	0	0.0%	1	25.0%
personal & vehicle of family and friend	1	20.0%	1	20.0%	0	.	0	.	1	100%	0	0.0%
personal and public transportation	1	20.0%	1	20.0%	0	.	0	.	0	0.0%	1	25.0%

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- n values for In Person + Mailed = All Surveys; Income Group 1-3 = All Surveys

*Brunswick CHA Tables 2019*

13. How would you rate your health?												
	All Surveys n=182		In Person n=140		By Mail n=42		Income Group 1 n=38		Income Group 2 n=73		Income Group 3 n=71	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Good	65	35.7%	48	34.3%	17	40.5%	11	28.9%	24	32.9%	30	42.3%
Very good	64	35.2%	51	36.4%	13	31.0%	11	28.9%	22	30.1%	31	43.7%
Fair	30	16.5%	24	17.1%	6	14.3%	11	28.9%	10	13.7%	9	12.7%
Excellent	14	7.7%	10	7.1%	4	9.5%	3	7.9%	10	13.7%	1	1.4%
Poor	9	4.9%	7	5.0%	2	4.8%	2	5.3%	7	9.6%	0	0.0%

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## Brunswick CHA Tables 2019

14. If you would like to improve you health, what would you do? (select all that apply)												
Given Answers	All Surveys n=330		In Person n=251		By Mail n=79		Income Group 1 n=72		Income Group 2 n=122		Income Group 3 n=136	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Eat more healthy food	87	26.4%	67	26.7%	20	25.3%	15	20.8%	36	29.5%	36	26.5%
Start exercising	81	24.5%	63	25.1%	18	22.8%	16	22.2%	34	27.9%	31	22.8%
Access to healthy foods	37	11.2%	27	10.8%	10	12.7%	12	16.7%	11	9.0%	14	10.3%
Learn more about healthy living and/or manage my disease or condition	25	7.6%	17	6.8%	8	10.1%	6	8.3%	8	6.6%	11	8.1%
Go to primary care providers (family doctor, medical doctor)	23	7.0%	16	6.4%	7	8.9%	4	5.6%	10	8.2%	9	6.6%
Go to have preventative screenings (mammograms, colonoscopy, etc.)	21	6.4%	17	6.8%	4	5.1%	2	2.8%	6	4.9%	13	9.6%
Stop or try to stop smoking or using tobacco products	14	4.2%	12	4.8%	2	2.5%	5	6.9%	3	2.5%	6	4.4%
Go to mental health provider	13	3.9%	10	4.0%	3	3.8%	6	8.3%	2	1.6%	5	3.7%
I am not interested in improving my health	6	1.8%	5	2.0%	1	1.3%	1	1.4%	2	1.6%	3	2.2%
Access to substance misuse treatment	3	0.9%	1	0.4%	2	2.5%	2	2.8%	1	0.8%	0	0.0%
Other (please specify)	20	6.1%	16	6.4%	4	5.1%	3	4.2%	9	7.4%	8	5.9%

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- n values for In Person + Mailed = All Surveys; Income Group 1-3 = All Surveys

## Brunswick CHA Tables 2019

14. If you would like to improve you health, what would you do? (select all that apply)												
Other (please specify)	All Surveys n=20		In Person n=16		By Mail n=4		Income Group 1 n=3		Income Group 2 n=9		Income Group 3 n=8	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Exercise more	6	30.0%	5	31.3%	1	25.0%	1	33.3%	3	33.3%	2	25.0%
Already exercise, tries to do everything to stay active	1	5.0%	1	6.3%	0	0.0%	0	0.0%	0	0.0%	1	12.5%
Clean up our water and air	1	5.0%	1	6.3%	0	0.0%	0	0.0%	0	0.0%	1	12.5%
Cut out sugar	1	5.0%	1	6.3%	0	0.0%	0	0.0%	1	11.1%	0	0.0%
Find better doctors, I do all above already without help from MDs	1	5.0%	0	0.0%	1	25.0%	0	0.0%	0	0.0%	1	12.5%
I am working daily to improve myself	1	5.0%	1	6.3%	0	0.0%	0	0.0%	1	11.1%	0	0.0%
I do all these healthy things.	1	5.0%	0	0.0%	1	25.0%	0	0.0%	0	0.0%	1	12.5%
None	1	5.0%	1	6.3%	0	0.0%	1	33.3%	0	0.0%	0	0.0%
Participate in group exercise or sports for adults	1	5.0%	0	0.0%	1	25.0%	0	0.0%	0	0.0%	1	12.5%
Trying to doctor's orders	1	5.0%	1	6.3%	0	0.0%	0	0.0%	1	11.1%	0	0.0%
hip replacement	1	5.0%	1	6.3%	0	0.0%	0	0.0%	0	0.0%	1	12.5%
lose 20lbs	1	5.0%	1	6.3%	0	0.0%	0	0.0%	1	11.1%	0	0.0%
qualified doctors	1	5.0%	1	6.3%	0	0.0%	0	0.0%	1	11.1%	0	0.0%
stay active/rest	1	5.0%	1	6.3%	0	0.0%	1	33.3%	0	0.0%	0	0.0%
weight control	1	5.0%	1	6.3%	0	0.0%	0	0.0%	1	11.1%	0	0.0%

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*Brunswick CHA Tables 2019*

<b>14. If you would like to improve your health, what would you do? (select all that apply)</b>			
<b>Given Answers</b>	<b>Count</b>	<b>% (n=330)</b>	<b>% respondents (n=162)</b>
Eat more healthy food	87	26.40%	54%
Start exercising	81	24.50%	50%
Access to healthy foods	37	11.20%	23%
Learn more about healthy living and/or manage my disease or condition	25	7.60%	15%
Go to primary care providers (family doctor, medical doctor)	23	7.00%	14%
Go to have preventative screenings (mammograms, colonoscopy, etc.)	21	6.40%	13%
Stop or try to stop smoking or using tobacco products	14	4.20%	9%
Go to mental health provider	13	3.90%	8%
I am not interested in improving my health	6	1.80%	4%
Access to substance misuse treatment	3	0.90%	2%
Other (please specify)	20	6.10%	12%

\*% respondents refer to the total percentage of people (n=162) who selected this as one of their choices. The “%” is based on based on the total number of responses (n=330).

*Brunswick CHA Tables 2019*

15. How confident are you that you can manage most of your current health problems?												
	All Surveys n=182		In Person n=140		By Mail n=42		Income Group 1 n=38		Income Group 2 n=73		Income Group 3 n=71	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Very confident	101	55.5%	78	55.7%	23	54.8%	19	50.0%	40	54.8%	42	59.2%
Somewhat confident	71	39.0%	54	38.6%	17	40.5%	17	44.7%	26	35.6%	28	39.4%
Not very confident	6	3.3%	5	3.6%	1	2.4%	0	0.0%	5	6.8%	1	1.4%
I do not have any health problems	4	2.2%	3	2.1%	1	2.4%	2	5.3%	2	2.7%	0	0.0%

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*Brunswick CHA Tables 2019*

16. Where do you go most often when you are physically sick? (select only one)												
Given Answers	All Surveys n=180		In Person n=138		By Mail n=42		Income Group 1 n=37		Income Group 2 n=73		Income Group 3 n=70	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Doctor's Office	139	77.2%	104	75.4%	35	83.3%	30	81.1%	56	76.7%	53	75.7%
Urgent Care	24	13.3%	19	13.8%	5	11.9%	2	5.4%	8	11.0%	14	20.0%
I don't seek care when I am sick	4	2.2%	4	2.9%	0	0.0%	1	2.7%	2	2.7%	1	1.4%
Emergency Room	2	1.1%	1	0.7%	1	2.4%	1	2.7%	1	1.4%	0	0.0%
Community Health Center/Free Clinic	1	0.6%	1	0.7%	0	0.0%	1	2.7%	0	0.0%	0	0.0%
Health Department	1	0.6%	1	0.7%	0	0.0%	1	2.7%	0	0.0%	0	0.0%
VA Clinic	1	0.6%	1	0.7%	0	0.0%	0	0.0%	1	1.4%	0	0.0%
Other (please specify)	8	4.4%	7	5.1%	1	2.4%	1	2.7%	5	6.8%	2	2.9%

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*Brunswick CHA Tables 2019*

16. Where do you go most often when you are physically sick? (select only one)												
Other (please specify)	All Surveys n=8		In Person n=7		By Mail n=1		Income Group 1 n=1		Income Group 2 n=5		Income Group 3 n=2	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Doctor's Office & Urgent Care	2	25.0%	1	14.3%	1	100%	0	0.0%	2	40.0%	0	0.0%
Doctors Office & Emergency Room	2	25.0%	2	28.6%	0	0.0%	0	0.0%	2	40.0%	0	0.0%
Emergency room & urgent care	1	12.5%	1	14.3%	0	0.0%	0	0.0%	0	0.0%	1	50.0%
New Hanover Regional Medical Center Clinic	1	12.5%	1	14.3%	0	0.0%	0	0.0%	1	20.0%	0	0.0%
Va as well as primary	1	12.5%	1	14.3%	0	0.0%	1	100%	0	0.0%	0	0.0%
doctor/urgent care/CVS minute clinic	1	12.5%	1	14.3%	0	0.0%	0	0.0%	0	0.0%	1	50.0%

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*Brunswick CHA Tables 2019*

17. When seeking care, what hospital do you visit first? (select only one)												
Given Answers	All Surveys n=178		In Person n=137		By Mail n=41		Income Group 1 n=37		Income Group 2 n=71		Income Group 3 n=70	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
New Hanover Regional Medical Center	64	36.0%	52	38.0%	12	29.3%	9	24.3%	18	25.4%	37	52.9%
Novant Health Brunswick Medical Center	47	26.4%	36	26.3%	11	26.8%	10	27.0%	22	31.0%	15	21.4%
Dosher Memorial Hospital	28	15.7%	22	16.1%	6	14.6%	14	37.8%	4	5.6%	10	14.3%
McLeod Sea Coast Hospital	14	7.9%	11	8.0%	3	7.3%	2	5.4%	12	16.9%	0	0.0%
Grand Strand Medical Center	12	6.7%	7	5.1%	5	12.2%	1	2.7%	10	14.1%	1	1.4%
Other (please specify)	13	7.3%	9	6.6%	4	9.8%	1	2.7%	5	7.0%	7	10.0%

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*Brunswick CHA Tables 2019*

17. When seeking care, what hospital do you visit first? (select only one)												
Other (please specify)	All Surveys n=12		In Person n=8		By Mail n=4		Income Group 1 n=0		Income Group 2 n=5		Income Group 3 n=7	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
None	3	25.0%	2	25.0%	1	25.0%	0	.	0	0.0%	3	42.9%
Depends what the situation is	2	16.7%	2	25.0%	0	0.0%	0	.	0	0.0%	2	28.6%
Cape Fear Memorial Hospital	1	8.3%	1	12.5%	0	0.0%	0	.	1	20.0%	0	0.0%
Columbus Regional	1	8.3%	0	0.0%	1	25.0%	0	.	1	20.0%	0	0.0%
Dosher & McLeod	1	8.3%	0	0.0%	1	25.0%	0	.	1	20.0%	0	0.0%
Haven't gone	1	8.3%	1	12.5%	0	0.0%	0	.	1	20.0%	0	0.0%
It would depend. For specialist care Duke	1	8.3%	0	0.0%	1	25.0%	0	.	0	0.0%	1	14.3%
have not sought hospital care	1	8.3%	1	12.5%	0	0.0%	0	.	1	20.0%	0	0.0%
if it is an emergency - Dosher Hospital	1	8.3%	1	12.5%	0	0.0%	0	.	0	0.0%	1	14.3%

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*Brunswick CHA Tables 2019*

18. In the past 12 months, have you gone to the emergency room with a non-emergency?												
	All Surveys n=179		In Person n=138		By Mail n=41		Income Group 1 n=37		Income Group 2 n=72		Income Group 3 n=70	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
No	165	92.2%	125	90.6%	40	97.6%	34	91.9%	66	91.7%	65	92.9%
Yes	14	7.8%	13	9.4%	1	2.4%	3	8.1%	6	8.3%	5	7.1%

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*Brunswick CHA Tables 2019*

19. Where do you go when you need dental care? (select all that apply)												
Given Answers	All Surveys n=184		In Person n=141		By Mail n=43		Income Group 1 n=40		Income Group 2 n=72		Income Group 3 n=72	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Private Dentist's Office	148	80.4%	113	80.1%	35	81.4%	27	67.5%	58	80.6%	63	87.5%
I don't seek dental care	19	10.3%	14	9.9%	5	11.6%	5	12.5%	8	11.1%	6	8.3%
ECU Dental Clinic	6	3.3%	5	3.5%	1	2.3%	4	10.0%	2	2.8%	0	0.0%
Community Health Center/Free Clinic	1	0.5%	1	0.7%	0	0.0%	1	2.5%	0	0.0%	0	0.0%
Mobile Dental Clinic	1	0.5%	1	0.7%	0	0.0%	1	2.5%	0	0.0%	0	0.0%
Other (please specify)	9	4.9%	7	5.0%	2	4.7%	2	5.0%	4	5.6%	3	4.2%

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*Brunswick CHA Tables 2019*

19. Where do you go when you need dental care? (select all that apply)												
	All Surveys n=9		In Person n=7		By Mail n=2		Income Group 1 n=2		Income Group 2 n=4		Income Group 3 n=3	
Other (please specify)	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
DR. THOMAS YUPON ST.	1	11.1%	1	14.3%	0	0.0%	0	0.0%	1	25.0%	0	0.0%
Little River	1	11.1%	1	14.3%	0	0.0%	0	0.0%	1	25.0%	0	0.0%
Still searching for a holistic dentist	1	11.1%	1	14.3%	0	0.0%	0	0.0%	1	25.0%	0	0.0%
Va family is private office	1	11.1%	1	14.3%	0	0.0%	0	0.0%	0	0.0%	1	33.3%
Wilmington	1	11.1%	0	0.0%	1	50.0%	1	50.0%	0	0.0%	0	0.0%
can't afford	1	11.1%	1	14.3%	0	0.0%	0	0.0%	0	0.0%	1	33.3%
new to area. don't have dentist yet	1	11.1%	1	14.3%	0	0.0%	0	0.0%	0	0.0%	1	33.3%
no insurance	1	11.1%	0	0.0%	1	50.0%	1	50.0%	0	0.0%	0	0.0%
other has dental insurance cannot afford	1	11.1%	1	14.3%	0	0.0%	0	0.0%	1	25.0%	0	0.0%

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*Brunswick CHA Tables 2019*

<b>19. Where do you go when you need dental care? (select all that apply)</b>			
<b>Given Answers</b>	<b>Count</b>	<b>% (n=184)</b>	<b>% respondents (n=178)</b>
Private Dentist's Office	148	80.40%	83%
I don't seek dental care	19	10.30%	11%
ECU Dental Clinic	6	3.30%	3%
Community Health Center/Free Clinic	1	0.50%	1%
Mobile Dental Clinic	1	0.50%	1%
Other (please specify)	9	4.90%	5%
*% respondents refer to the total percentage of people (n=178) who selected this as one of their choices. The "%" is based on based on the total number of responses (n=184).			

*Brunswick CHA Tables 2019*

20. During the past 12 months, have you had a seasonal flu vaccine? (select only one)												
	All Surveys n=180		In Person n=139		By Mail n=41		Income Group 1 n=37		Income Group 2 n=72		Income Group 3 n=71	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Yes, flu shot	121	67.2%	85	61.2%	36	87.8%	25	67.6%	46	63.9%	50	70.4%
No	58	32.2%	53	38.1%	5	12.2%	12	32.4%	26	36.1%	20	28.2%
Don't know/not sure	1	0.6%	1	0.7%	0	0.0%	0	0.0%	0	0.0%	1	1.4%

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*Brunswick CHA Tables 2019*

21. Do you currently use traditional tobacco products such as cigarettes, cigars, chewing tobacco, etc.?												
	All Surveys n=180		In Person n=139		By Mail n=41		Income Group 1 n=37		Income Group 2 n=72		Income Group 3 n=71	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
No	155	86.1%	116	83.5%	39	95.1%	32	86.5%	66	91.7%	57	80.3%
Yes	25	13.9%	23	16.5%	2	4.9%	5	13.5%	6	8.3%	14	19.7%

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- Income Group 1 = Bottom 3rd; Income Group 2 = Middle 3rd; Income Group 3 = Top 3rd; For Household Income
- n values for In Person + Mailed = All Surveys; Income Group 1-3 = All Surveys

*Brunswick CHA Tables 2019*

22. Do you currently use emerging smokeless tobacco products such as e-cigarettes, vape pens, or juuls?												
	All Surveys n=179		In Person n=138		By Mail n=41		Income Group 1 n=36		Income Group 2 n=72		Income Group 3 n=71	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
No	172	96.1%	132	95.7%	40	97.6%	33	91.7%	70	97.2%	69	97.2%
Yes	7	3.9%	6	4.3%	1	2.4%	3	8.3%	2	2.8%	2	2.8%

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## Brunswick CHA Tables 2019

23. Where do you go to exercise or engage in physical activity? (select all that apply)												
Given Answers	All Surveys n=329		In Person n=259		By Mail n=70		Income Group 1 n=49		Income Group 2 n=132		Income Group 3 n=148	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Home	69	21.0%	57	22.0%	12	17.1%	15	30.6%	30	22.7%	24	16.2%
Neighborhood	63	19.1%	49	18.9%	14	20.0%	11	22.4%	27	20.5%	25	16.9%
Private gym/Pool	49	14.9%	37	14.3%	12	17.1%	3	6.1%	19	14.4%	27	18.2%
Beach	38	11.6%	32	12.4%	6	8.6%	4	8.2%	16	12.1%	18	12.2%
Public recreation center, parks, or trails	28	8.5%	25	9.7%	3	4.3%	1	2.0%	12	9.1%	15	10.1%
I don't exercise	18	5.5%	14	5.4%	4	5.7%	5	10.2%	4	3.0%	9	6.1%
Work	14	4.3%	12	4.6%	2	2.9%	0	0.0%	5	3.8%	9	6.1%
Community/College gym	13	4.0%	9	3.5%	4	5.7%	3	6.1%	4	3.0%	6	4.1%
Senior Center	10	3.0%	5	1.9%	5	7.1%	0	0.0%	5	3.8%	5	3.4%
Malls	5	1.5%	4	1.5%	1	1.4%	1	2.0%	3	2.3%	1	0.7%
Don't know/Not sure	2	0.6%	2	0.8%	0	0.0%	1	2.0%	0	0.0%	1	0.7%
Faith community	1	0.3%	0	0.0%	1	1.4%	0	0.0%	0	0.0%	1	0.7%
K-12 school setting	1	0.3%	1	0.4%	0	0.0%	1	2.0%	0	0.0%	0	0.0%
Other (please specify)	18	5.5%	12	4.6%	6	8.6%	4	8.2%	7	5.3%	7	4.7%

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- n values for In Person + Mailed = All Surveys; Income Group 1-3 = All Surveys

## Brunswick CHA Tables 2019

23. Where do you go to exercise or engage in physical activity? (select all that apply)												
Other (please specify)	All Surveys n=18		In Person n=12		By Mail n=6		Income Group 1 n=4		Income Group 2 n=7		Income Group 3 n=7	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Golf course	3	16.7%	0	0.0%	3	50.0%	0	0.0%	2	28.6%	1	14.3%
Bike	1	5.6%	1	8.3%	0	0.0%	0	0.0%	1	14.3%	0	0.0%
Community Owner's Center	1	5.6%	0	0.0%	1	16.7%	0	0.0%	1	14.3%	0	0.0%
Field exercise	1	5.6%	1	8.3%	0	0.0%	0	0.0%	1	14.3%	0	0.0%
Fishing	1	5.6%	1	8.3%	0	0.0%	0	0.0%	0	0.0%	1	14.3%
Medical Rehab	1	5.6%	1	8.3%	0	0.0%	0	0.0%	0	0.0%	1	14.3%
My yard	1	5.6%	1	8.3%	0	0.0%	0	0.0%	1	14.3%	0	0.0%
Not a specific place	1	5.6%	1	8.3%	0	0.0%	1	25.0%	0	0.0%	0	0.0%
Outdoors	1	5.6%	1	8.3%	0	0.0%	0	0.0%	1	14.3%	0	0.0%
Signed up at senior center but no call back	1	5.6%	1	8.3%	0	0.0%	1	25.0%	0	0.0%	0	0.0%
UNCW rec	1	5.6%	0	0.0%	1	16.7%	0	0.0%	0	0.0%	1	14.3%
Walmart	1	5.6%	1	8.3%	0	0.0%	1	25.0%	0	0.0%	0	0.0%
community pool	1	5.6%	1	8.3%	0	0.0%	0	0.0%	0	0.0%	1	14.3%
fitness center	1	5.6%	1	8.3%	0	0.0%	0	0.0%	0	0.0%	1	14.3%
water sports	1	5.6%	0	0.0%	1	16.7%	0	0.0%	0	0.0%	1	14.3%
yoga studio	1	5.6%	1	8.3%	0	0.0%	1	25.0%	0	0.0%	0	0.0%

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*Brunswick CHA Tables 2019*

<b>23. Where do you go to exercise or engage in physical activity? (select all that apply)</b>			
<b>Given Answers</b>	<b>Count</b>	<b>% (n=329)</b>	<b>% respondents (n=174)</b>
Home	69	21.00%	40%
Neighborhood	63	19.10%	36%
Private gym/Pool	49	14.90%	28%
Beach	38	11.60%	22%
Public recreation center, parks, or trails	28	8.50%	16%
I don't exercise	18	5.50%	10%
Work	14	4.30%	8%
Community/College gym	13	4.00%	7%
Senior Center	10	3.00%	6%
Malls	5	1.50%	3%
Don't know/Not sure	2	0.60%	1%
Faith community	1	0.30%	1%
K-12 school setting	1	0.30%	1%
Other (please specify)	18	5.50%	10%

<sup>89</sup>% respondents refer to the total percentage of people (n=174) who selected this as one of their choices. The “%” is based on based on the total number of responses (n=329).

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## Brunswick CHA Tables 2019

24. What makes eating healthy meals difficult for you or members of your household? (select all that apply)												
Given Answers	All Surveys n=221		In Person n=171		By Mail n=50		Income Group 1 n=47		Income Group 2 n=84		Income Group 3 n=90	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
I/We do not have difficulty eating healthy meals	79	35.7%	60	35.1%	19	38.0%	16	34.0%	33	39.3%	30	33.3%
Healthy foods cost too much	41	18.6%	34	19.9%	7	14.0%	11	23.4%	14	16.7%	16	17.8%
It is hard to find healthy food options when going out to eat	23	10.4%	16	9.4%	7	14.0%	4	8.5%	9	10.7%	10	11.1%
It takes too much time to prepare healthy foods	21	9.5%	17	9.9%	4	8.0%	3	6.4%	8	9.5%	10	11.1%
I/We do not know how to prepare food in a healthy way	9	4.1%	6	3.5%	3	6.0%	4	8.5%	1	1.2%	4	4.4%
Healthy food does not taste good	8	3.6%	6	3.5%	2	4.0%	1	2.1%	6	7.1%	1	1.1%
I/We have dental problems that make eating/chewing food difficult	5	2.3%	4	2.3%	1	2.0%	3	6.4%	1	1.2%	1	1.1%
Nobody else in my family/household would not eat healthy foods	5	2.3%	2	1.2%	3	6.0%	1	2.1%	3	3.6%	1	1.1%
It takes too much time to shop for healthy foods	4	1.8%	4	2.3%	0	0.0%	1	2.1%	1	1.2%	2	2.2%
There are no options to buy healthy foods near my/our home	3	1.4%	2	1.2%	1	2.0%	0	0.0%	0	0.0%	3	3.3%
I/We do not have the kitchen appliances to store/cook food, or utensils to prepare food	1	0.5%	1	0.6%	0	0.0%	1	2.1%	0	0.0%	0	0.0%
Other (please specify)	22	10.0%	19	11.1%	3	6.0%	2	4.3%	8	9.5%	12	13.3%

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*Brunswick CHA Tables 2019*

24. What makes eating healthy meals difficult for you or members of your household? (select all that apply)												
	All Surveys n=21		In Person n=18		By Mail n=3		Income Group 1 n=1		Income Group 2 n=8		Income Group 3 n=12	
Other (please specify)	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
None of the above	11	52.4%	9	50.0%	2	66.7%	1	100%	4	50.0%	6	50.0%
I like junk food	1	4.8%	1	5.6%	0	0.0%	0	0.0%	0	0.0%	1	8.3%
I try to stay informed and eat healthy	1	4.8%	1	5.6%	0	0.0%	0	0.0%	1	12.5%	0	0.0%
No appetite	1	4.8%	1	5.6%	0	0.0%	0	0.0%	0	0.0%	1	8.3%
Takes too much time	1	4.8%	1	5.6%	0	0.0%	0	0.0%	0	0.0%	1	8.3%
enjoy comfort food	1	4.8%	1	5.6%	0	0.0%	0	0.0%	0	0.0%	1	8.3%
lack of appetite	1	4.8%	1	5.6%	0	0.0%	0	0.0%	1	12.5%	0	0.0%
motivation	1	4.8%	0	0.0%	1	33.3%	0	0.0%	0	0.0%	1	8.3%
my choice	1	4.8%	1	5.6%	0	0.0%	0	0.0%	1	12.5%	0	0.0%
need more places to buy organic and natural food	1	4.8%	1	5.6%	0	0.0%	0	0.0%	1	12.5%	0	0.0%
work	1	4.8%	1	5.6%	0	0.0%	0	0.0%	0	0.0%	1	8.3%

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*Brunswick CHA Tables 2019*

<b>24. What makes eating healthy meals difficult for you or members of your household? (select all that apply)</b>			
<b>Given Answers</b>	<b>Count</b>	<b>% (n=221)</b>	<b>% respondents (n=172)</b>
I/We do not have difficulty eating healthy meals	79	35.70%	46%
Healthy foods cost too much	41	18.60%	24%
It is hard to find healthy food options when going out to eat	23	10.40%	13%
It takes too much time to prepare healthy foods	21	9.50%	12%
I/We do not know how to prepare food in a healthy way	9	4.10%	5%
Healthy food does not taste good	8	3.60%	5%
I/We have dental problems that make eating/chewing food difficult	5	2.30%	3%
Nobody else in my family/household would not eat healthy foods	5	2.30%	3%
It takes too much time to shop for healthy foods	4	1.80%	2%
There are no options to buy healthy foods near my/our home	3	1.40%	2%
I/We do not have the kitchen appliances to store/cook food, or utensils to prepare food	1	0.50%	1%
Other (please specify)	22	10.00%	13%
*% respondents refer to the total percentage of people (n=172) who selected this as one of their choices. The "%%" is based on based on the total number of responses (n=221).			

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*Brunswick CHA Tables 2019*

25. How many children under the age of 18 live in your home at least half of the year? (circle only one)												
	All Surveys n=176		In Person n=135		By Mail n=41		Income Group 1 n=36		Income Group 2 n=70		Income Group 3 n=70	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
0	148	84.1%	113	83.7%	35	85.4%	29	80.6%	63	90.0%	56	80.0%
1	13	7.4%	10	7.4%	3	7.3%	2	5.6%	4	5.7%	7	10.0%
2	8	4.5%	6	4.4%	2	4.9%	2	5.6%	3	4.3%	3	4.3%
3	6	3.4%	5	3.7%	1	2.4%	3	8.3%	0	0.0%	3	4.3%
4	1	0.6%	1	0.7%	0	0.0%	0	0.0%	0	0.0%	1	1.4%

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*Brunswick CHA Tables 2019*

26. For the child/children aged 12 and under in your household, what type of childcare are you using? (select all that apply)												
Given Answers	All Surveys n=143		In Person n=110		By Mail n=33		Income Group 1 n=27		Income Group 2 n=56		Income Group 3 n=60	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Does not apply, I don't have a child/children aged 12 and under	115	80.4%	86	78.2%	29	87.9%	19	70.4%	52	92.9%	44	73.3%
I don't use childcare	14	9.8%	12	10.9%	2	6.1%	5	18.5%	2	3.6%	7	11.7%
Private, licensed childcare center/family childcare home	6	4.2%	4	3.6%	2	6.1%	0	0.0%	1	1.8%	5	8.3%
Cared for by family members or friends	3	2.1%	3	2.7%	0	0.0%	0	0.0%	1	1.8%	2	3.3%
Licensed faith-based program	1	0.7%	1	0.9%	0	0.0%	1	3.7%	0	0.0%	0	0.0%
Other (please specify)	4	2.8%	4	3.6%	0	0.0%	2	7.4%	0	0.0%	2	3.3%

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*Brunswick CHA Tables 2019*

26. For the child/children aged 12 and under in your household, what type of childcare are you using? (select all that apply)												
	All Surveys n=3		In Person n=3		By Mail n=0		Income Group 1 n=1		Income Group 2 n=0		Income Group 3 n=2	
Other (please specify)	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
N/A	2	66.7%	2	66.7%	0		1	100%	0		1	50.0%
me	1	33.3%	1	33.3%	0		0	0.0%	0		1	50.0%

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## Brunswick CHA Tables 2019

27. What would be your main way of getting information from authorities in a large-scale disaster or emergency? (select all that apply)												
Given Answers	All Surveys n=667		In Person n=506		By Mail n=161		Income Group 1 n=124		Income Group 2 n=263		Income Group 3 n=280	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Television	104	15.6%	74	14.6%	30	18.6%	18	14.5%	46	17.5%	40	14.3%
Internet	78	11.7%	61	12.1%	17	10.6%	14	11.3%	30	11.4%	34	12.1%
Neighbors/Friends/Family/Word of mouth	74	11.1%	55	10.9%	19	11.8%	15	12.1%	25	9.5%	34	12.1%
Text (emergency alert)	74	11.1%	53	10.5%	21	13.0%	11	8.9%	31	11.8%	32	11.4%
Telephone/Smartphone	63	9.4%	48	9.5%	15	9.3%	16	12.9%	24	9.1%	23	8.2%
Radio	52	7.8%	38	7.5%	14	8.7%	12	9.7%	20	7.6%	20	7.1%
Code Red (Pre-registered emergency alert notifications through my County Emergency Management)	51	7.6%	37	7.3%	14	8.7%	7	5.6%	22	8.4%	22	7.9%
Social Media	51	7.6%	42	8.3%	9	5.6%	13	10.5%	15	5.7%	23	8.2%
911	40	6.0%	35	6.9%	5	3.1%	7	5.6%	14	5.3%	19	6.8%
Town/Community webpage	27	4.0%	20	4.0%	7	4.3%	2	1.6%	12	4.6%	13	4.6%
Brunswick County webpage	26	3.9%	25	4.9%	1	0.6%	5	4.0%	12	4.6%	9	3.2%
Print media/Newspaper	20	3.0%	13	2.6%	7	4.3%	4	3.2%	7	2.7%	9	3.2%
211	1	0.1%	0	0.0%	1	0.6%	0	0.0%	1	0.4%	0	0.0%
Brunswick County Special Needs Registry	1	0.1%	1	0.2%	0	0.0%	0	0.0%	1	0.4%	0	0.0%

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*Brunswick CHA Tables 2019*

27. What would be your main way of getting information from authorities in a large-scale disaster or emergency? (select all that apply)												
	All Surveys n=667		In Person n=506		By Mail n=161		Income Group 1 n=124		Income Group 2 n=263		Income Group 3 n=280	
Given Answers	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Don't know/Not sure	1	0.1%	0	0.0%	1	0.6%	0	0.0%	1	0.4%	0	0.0%
Other (please specify)	4	0.6%	4	0.8%	0	0.0%	0	0.0%	2	0.8%	2	0.7%

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*Brunswick CHA Tables 2019*

27. What would be your main way of getting information from authorities in a large-scale disaster or emergency? (select all that apply)												
Other (please specify)	All Surveys n=4		In Person n=4		By Mail n=0		Income Group 1 n=0		Income Group 2 n=2		Income Group 3 n=2	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Elder House New Hanover County	1	25.0%	1	25.0%	0		0		1	50.0%	0	0.0%
Highway patrol transportation TMS	1	25.0%	1	25.0%	0		0		0	0.0%	1	50.0%
Landline phone	1	25.0%	1	25.0%	0		0		1	50.0%	0	0.0%
alert system	1	25.0%	1	25.0%	0		0		0	0.0%	1	50.0%

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*Brunswick CHA Tables 2019*

<b>27. What would be your main way of getting information from authorities in a large-scale disaster or emergency? (select all that apply)</b>				
<b>Given Answers</b>	<b>Count</b>	<b>% (n=667)</b>	<b>% respondents (n=178)</b>	
Television	104	15.60%	<b>58%</b>	
Internet	78	11.70%	<b>44%</b>	
Neighbors/Friends/Family/Word of mouth	74	11.10%	<b>42%</b>	
Text (emergency alert)	74	11.10%	<b>42%</b>	
Telephone/Smartphone	63	9.40%	<b>35%</b>	
Radio	52	7.80%	<b>29%</b>	
Code Red (Pre-registered emergency alert notifications through my County Emergency Management)	51	7.60%	<b>29%</b>	
Social Media	51	7.60%	<b>29%</b>	
	911	40	6.00%	<b>22%</b>
Town/Community webpage	27	4.00%	<b>15%</b>	
Brunswick County webpage	26	3.90%	<b>15%</b>	
Print media/Newspaper	20	3.00%	<b>11%</b>	
	211	1	0.10%	<b>1%</b>
Brunswick County Special Needs Registry	1	0.10%	<b>1%</b>	
Don't know/Not sure	1	0.10%	<b>1%</b>	
Other (please specify)	4	0.60%	<b>2%</b>	
*% respondents refer to the total percentage of people (n=178) who selected this as one of their choices. The "%" is based on based on the total number of responses (n=667).				

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## Brunswick CHA Tables 2019

28. What would be the top three reasons you might not evacuated if asked to do so? (select your top three)												
Given Answers	All Surveys n=342		In Person n=252		By Mail n=90		Income Group 1 n=63		Income Group 2 n=138		Income Group 3 n=141	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Not applicable, I would evacuate	68	19.9%	54	21.4%	14	15.6%	12	19.0%	27	19.6%	29	20.6%
Concern about not being able to get back	67	19.6%	49	19.4%	18	20.0%	11	17.5%	29	21.0%	27	19.1%
Concern about leaving property behind	46	13.5%	31	12.3%	15	16.7%	7	11.1%	16	11.6%	23	16.3%
Concern about leaving pets	40	11.7%	30	11.9%	10	11.1%	8	12.7%	20	14.5%	12	8.5%
Concern about traffic jams and inability to get out	30	8.8%	20	7.9%	10	11.1%	5	7.9%	15	10.9%	10	7.1%
I have prepared my home for emergencies and feel it would remain the safest place to be	29	8.5%	22	8.7%	7	7.8%	5	7.9%	14	10.1%	10	7.1%
Concern about family safety	15	4.4%	14	5.6%	1	1.1%	2	3.2%	4	2.9%	9	6.4%
Money/Financial concerns	15	4.4%	10	4.0%	5	5.6%	5	7.9%	3	2.2%	7	5.0%
No place to go	10	2.9%	6	2.4%	4	4.4%	2	3.2%	1	0.7%	7	5.0%
Health problems of self or those of a household member would make evacuating too difficult or impossible without assistance	9	2.6%	7	2.8%	2	2.2%	2	3.2%	3	2.2%	4	2.8%
Don't know/Unsure	4	1.2%	4	1.6%	0	0.0%	0	0.0%	1	0.7%	3	2.1%
Lack of transportation	3	0.9%	1	0.4%	2	2.2%	3	4.8%	0	0.0%	0	0.0%
Health problems of self or those of a household member would make evacuating too difficult or impossible without assistant	1	0.3%	0	0.0%	1	1.1%	0	0.0%	1	0.7%	0	0.0%

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*Brunswick CHA Tables 2019*

28. What would be the top three reasons you might not evacuated if asked to do so? (select your top three)												
Given Answers	All Surveys n=342		In Person n=252		By Mail n=90		Income Group 1 n=63		Income Group 2 n=138		Income Group 3 n=141	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
I have prepared my home for emergency	1	0.3%	0	0.0%	1	1.1%	0	0.0%	1	0.7%	0	0.0%
I have prepared my home for emergencies and feel	1	0.3%	1	0.4%	0	0.0%	1	1.6%	0	0.0%	0	0.0%
Other (please specify)	3	0.9%	3	1.2%	0	0.0%	0	0.0%	3	2.2%	0	0.0%

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*Brunswick CHA Tables 2019*

28. What would be the top three reasons you might not evacuated if asked to do so? (select your top three)												
Other (please specify)	All Surveys n=4		In Person n=3		By Mail n=1		Income Group 1 n=0		Income Group 2 n=4		Income Group 3 n=0	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Health problems	1	25.0%	1	33.3%	0	0.0%	0	.	1	25.0%	0	.
family nightmare	1	25.0%	1	33.3%	0	0.0%	0	.	1	25.0%	0	.
most emergency routes become impassable	1	25.0%	0	0.0%	1	100%	0	.	1	25.0%	0	.
went to shelter nurses worked very hard	1	25.0%	1	33.3%	0	0.0%	0	.	1	25.0%	0	.

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*Brunswick CHA Tables 2019*

<b>28. What would be the top three reasons you might not evacuated if asked to do so? (select your top three)</b>			
<b>Given Answers</b>	<b>Count</b>	<b>% (n=342)</b>	<b>% respondents (n=118)</b>
Not applicable, I would evacuate	68	19.90%	<b>58%</b>
Concern about not being able to get back	67	19.60%	<b>57%</b>
Concern about leaving property behind	46	13.50%	<b>39%</b>
Concern about leaving pets	40	11.70%	<b>34%</b>
Concern about traffic jams and inability to get out	30	8.80%	<b>25%</b>
I have prepared my home for emergencies and feel it would remain the safest place to be	29	8.50%	<b>25%</b>
Concern about family safety	15	4.40%	<b>13%</b>
Money/Financial concerns	15	4.40%	<b>13%</b>
No place to go	10	2.90%	<b>8%</b>
Health problems of self or those of a household member would make evacuating too difficult or impossible without assistance	9	2.60%	<b>8%</b>
Don't know/Unsure	4	1.20%	<b>3%</b>
Lack of transportation	3	0.90%	<b>3%</b>
Health problems of self or those of a household member would make evacuating too difficult or impossible without assistant	1	0.30%	<b>1%</b>
I have prepared my home for emergency	1	0.30%	<b>1%</b>
I have prepared my home for emergencies and feel	1	0.30%	<b>1%</b>
Other (please specify)	3	0.90%	<b>3%</b>

\*% respondents refer to the total percentage of people (n=118) who selected this as one of their choices. The “%” is based on based on the total number of responses (n=342).

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## Brunswick CHA Tables 2019

29. Is there anyone living in your home that would require special assistance during an emergency?												
	All Surveys n=175		In Person n=137		By Mail n=38		Income Group 1 n=35		Income Group 2 n=71		Income Group 3 n=69	
Given Answers	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
No	161	92.0%	128	93.4%	33	86.8%	33	94.3%	61	85.9%	67	97.1%
Yes (please explain)	14	8.0%	9	6.6%	5	13.2%	2	5.7%	10	14.1%	2	2.9%

29. Is there anyone living in your home that would require special assistance during an emergency?												
	All Surveys n=11		In Person n=8		By Mail n=3		Income Group 1 n=2		Income Group 2 n=7		Income Group 3 n=2	
Yes, Explain	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Deaf	1	9.1%	1	12.5%	0	0.0%	0	0.0%	1	14.3%	0	0.0%
Disabled	1	9.1%	0	0.0%	1	33.3%	0	0.0%	1	14.3%	0	0.0%
I may as I have MS	1	9.1%	1	12.5%	0	0.0%	0	0.0%	0	0.0%	1	50.0%
I would. Wheel chair bound.	1	9.1%	1	12.5%	0	0.0%	1	50.0%	0	0.0%	0	0.0%
Mobility assistance	1	9.1%	1	12.5%	0	0.0%	1	50.0%	0	0.0%	0	0.0%
Mother in law immobile and father in law has heart condition	1	9.1%	1	12.5%	0	0.0%	0	0.0%	0	0.0%	1	50.0%
Special accomadations	1	9.1%	1	12.5%	0	0.0%	0	0.0%	1	14.3%	0	0.0%
have use of medical supplies/medication that cannot be used without electricity	1	9.1%	1	12.5%	0	0.0%	0	0.0%	1	14.3%	0	0.0%
health concern (COPD)	1	9.1%	1	12.5%	0	0.0%	0	0.0%	1	14.3%	0	0.0%
wife has a hard time walking	1	9.1%	0	0.0%	1	33.3%	0	0.0%	1	14.3%	0	0.0%
wife has mobility problems	1	9.1%	0	0.0%	1	33.3%	0	0.0%	1	14.3%	0	0.0%

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*Brunswick CHA Tables 2019*

30. Does your household have a basic emergency supply kit? (These kits include water, non-perishable food, necessary prescriptions, first aid supplies, flashlights & batteries, non-electric can opener, blanket, etc.)												
	All Surveys n=178		In Person n=137		By Mail n=41		Income Group 1 n=36		Income Group 2 n=71		Income Group 3 n=71	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Yes	141	79.2%	112	81.8%	29	70.7%	25	69.4%	60	84.5%	56	78.9%
No	30	16.9%	20	14.6%	10	24.4%	9	25.0%	10	14.1%	11	15.5%
Don't know/Not sure	7	3.9%	5	3.6%	2	4.9%	2	5.6%	1	1.4%	4	5.6%

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## Brunswick CHA Tables 2019

31. How many relatives and/or friends do you see or hear from at least once a month? (select one answer)												
	All Surveys n=178		In Person n=137		By Mail n=41		Income Group 1 n=35		Income Group 2 n=72		Income Group 3 n=71	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
9 or more	59	33.1%	42	30.7%	17	41.5%	14	40.0%	18	25.0%	27	38.0%
3 or 4	56	31.5%	44	32.1%	12	29.3%	8	22.9%	28	38.9%	20	28.2%
5 to 8	46	25.8%	38	27.7%	8	19.5%	6	17.1%	19	26.4%	21	29.6%
2	11	6.2%	9	6.6%	2	4.9%	4	11.4%	5	6.9%	2	2.8%
1	4	2.2%	3	2.2%	1	2.4%	2	5.7%	1	1.4%	1	1.4%
None	2	1.1%	1	0.7%	1	2.4%	1	2.9%	1	1.4%	0	0.0%

32. How many relatives and/or friends do you feel at ease with that you can talk about private matters? (select one answer)												
	All Surveys n=176		In Person n=135		By Mail n=41		Income Group 1 n=34		Income Group 2 n=71		Income Group 3 n=71	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
3 or 4	70	39.8%	53	39.3%	17	41.5%	13	38.2%	35	49.3%	22	31.0%
2	44	25.0%	39	28.9%	5	12.2%	9	26.5%	15	21.1%	20	28.2%
5 to 8	29	16.5%	19	14.1%	10	24.4%	3	8.8%	11	15.5%	15	21.1%
1	15	8.5%	13	9.6%	2	4.9%	5	14.7%	5	7.0%	5	7.0%
9 or more	14	8.0%	9	6.7%	5	12.2%	2	5.9%	5	7.0%	7	9.9%
None	4	2.3%	2	1.5%	2	4.9%	2	5.9%	0	0.0%	2	2.8%

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*Brunswick CHA Tables 2019*

33. How many relatives and/or friends do you feel close to such that you would call on them for help? (select one answer)												
	All Surveys n=177		In Person n=136		By Mail n=41		Income Group 1 n=36		Income Group 2 n=70		Income Group 3 n=71	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
3 or 4	60	33.9%	47	34.6%	13	31.7%	10	27.8%	25	35.7%	25	35.2%
9 or more	37	20.9%	27	19.9%	10	24.4%	9	25.0%	13	18.6%	15	21.1%
2	35	19.8%	28	20.6%	7	17.1%	6	16.7%	15	21.4%	14	19.7%
5 to 8	31	17.5%	25	18.4%	6	14.6%	5	13.9%	11	15.7%	15	21.1%
1	9	5.1%	6	4.4%	3	7.3%	5	13.9%	4	5.7%	0	0.0%
None	5	2.8%	3	2.2%	2	4.9%	1	2.8%	2	2.9%	2	2.8%

34. Thinking about your mental health, which includes stress, depressions, anxiety, and problems with emotions, for how many days during the past 30 days was your mental health not good?												
	All Surveys n=170		In Person n=131		By Mail n=39		Income Group 1 n=34		Income Group 2 n=67		Income Group 3 n=69	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
0-5 days	147	86.5%	114	87.0%	33	84.6%	27	79.4%	60	89.6%	60	87.0%
6 - 10 days	13	7.6%	10	7.6%	3	7.7%	3	8.8%	5	7.5%	5	7.2%
11-15 days	6	3.5%	5	3.8%	1	2.6%	1	2.9%	1	1.5%	4	5.8%
16- 20 days	3	1.8%	2	1.5%	1	2.6%	2	5.9%	1	1.5%	0	0.0%
21-25 days	1	0.6%	0	0.0%	1	2.6%	1	2.9%	0	0.0%	0	0.0%

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## Brunswick CHA Tables 2019

35. Has a doctor or other health professional ever given you a mental health diagnosis?												
	All Surveys n=178		In Person n=137		By Mail n=41		Income Group 1 n=36		Income Group 2 n=71		Income Group 3 n=71	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
No	142	79.8%	107	78.1%	35	85.4%	29	80.6%	54	76.1%	59	83.1%
Yes	36	20.2%	30	21.9%	6	14.6%	7	19.4%	17	23.9%	12	16.9%

36. In the past 30 days, have there been any days when feeling sad or worries kept you from going about your normal activities?												
	All Surveys n=178		In Person n=137		By Mail n=41		Income Group 1 n=36		Income Group 2 n=71		Income Group 3 n=71	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
No	154	86.5%	120	87.6%	34	82.9%	26	72.2%	62	87.3%	66	93.0%
Yes	24	13.5%	17	12.4%	7	17.1%	10	27.8%	9	12.7%	5	7.0%

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*Brunswick CHA Tables 2019*

37. If a friend or family member needed counseling for a mental health or drug/alcohol abuse problem, who is the first person you would tell them to talk to? (select only one)												
Given Answers	All Surveys n=164		In Person n=125		By Mail n=39		Income Group 1 n=35		Income Group 2 n=64		Income Group 3 n=65	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Doctor	75	45.7%	51	40.8%	24	61.5%	14	40.0%	30	46.9%	31	47.7%
Private counselor or therapist	34	20.7%	28	22.4%	6	15.4%	9	25.7%	12	18.8%	13	20.0%
Pastor/Minister/Clergy	19	11.6%	16	12.8%	3	7.7%	6	17.1%	5	7.8%	8	12.3%
Crisis Hotline	13	7.9%	8	6.4%	5	12.8%	2	5.7%	5	7.8%	6	9.2%
Support group (AA, NA, CR)	6	3.7%	5	4.0%	1	2.6%	3	8.6%	2	3.1%	1	1.5%
School counselor	1	0.6%	1	0.8%	0	0.0%	0	0.0%	0	0.0%	1	1.5%
Other (please specify)	16	9.8%	16	12.8%	0	0.0%	1	2.9%	10	15.6%	5	7.7%

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## Brunswick CHA Tables 2019

37. If a friend or family member needed counseling for a mental health or drug/alcohol abuse problem, who is the first person you would tell them to talk to? (select only one)												
Other (please specify)	All Surveys n=16		In Person n=16		By Mail n=0		Income Group 1 n=1		Income Group 2 n=10		Income Group 3 n=5	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Myself	2	12.5%	2	12.5%	0		1	100%	1	10.0%	0	0.0%
pastor and private counselor	2	12.5%	2	12.5%	0		0	0.0%	1	10.0%	1	20.0%
Anyone/someone	1	6.3%	1	6.3%	0		0	0.0%	1	10.0%	0	0.0%
Close friend or family	1	6.3%	1	6.3%	0		0	0.0%	1	10.0%	0	0.0%
Crisis Hotline, Doctor & Private Counselor or therapist	1	6.3%	1	6.3%	0		0	0.0%	1	10.0%	0	0.0%
Depend on situation	1	6.3%	1	6.3%	0		0	0.0%	1	10.0%	0	0.0%
Depends on person	1	6.3%	1	6.3%	0		0	0.0%	0	0.0%	1	20.0%
Depends on problem	1	6.3%	1	6.3%	0		0	0.0%	0	0.0%	1	20.0%
Doctor, Pastor/Minister/Clergy, Private Counselor or therapist/school counselor	1	6.3%	1	6.3%	0		0	0.0%	0	0.0%	1	20.0%
Dr phil	1	6.3%	1	6.3%	0		0	0.0%	0	0.0%	1	20.0%
Rehabilitation center	1	6.3%	1	6.3%	0		0	0.0%	1	10.0%	0	0.0%
SAMIISA	1	6.3%	1	6.3%	0		0	0.0%	1	10.0%	0	0.0%
doctor and pastor	1	6.3%	1	6.3%	0		0	0.0%	1	10.0%	0	0.0%
not qualified to give mental health recommendations	1	6.3%	1	6.3%	0		0	0.0%	1	10.0%	0	0.0%

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## Brunswick CHA Tables 2019

38. In the past 12 months, what prevented you and/or members of your household from getting necessary mental health care or substance use treatment? (select all that apply)												
Given Answers	All Surveys n=197		In Person n=148		By Mail n=49		Income Group 1 n=42		Income Group 2 n=77		Income Group 3 n=78	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Does not apply	143	72.6%	111	75.0%	32	65.3%	24	57.1%	59	76.6%	60	76.9%
No health insurance	7	3.6%	7	4.7%	0	0.0%	2	4.8%	2	2.6%	3	3.8%
Insurance does not cover what I/we need	6	3.0%	6	4.1%	0	0.0%	3	7.1%	0	0.0%	3	3.8%
Share of the cost (deductible/co-pay) was too high	6	3.0%	4	2.7%	2	4.1%	1	2.4%	2	2.6%	3	3.8%
Need appointment hours outside of 8:00am - 5:00pm	5	2.5%	4	2.7%	1	2.0%	0	0.0%	2	2.6%	3	3.8%
Don't know where to go	4	2.0%	3	2.0%	1	2.0%	2	4.8%	0	0.0%	2	2.6%
The wait is too long at provider's office	4	2.0%	1	0.7%	3	6.1%	1	2.4%	2	2.6%	1	1.3%
No way to get there	3	1.5%	2	1.4%	1	2.0%	2	4.8%	1	1.3%	0	0.0%
Not ready to face health problem	3	1.5%	1	0.7%	2	4.1%	1	2.4%	2	2.6%	0	0.0%
Didn't believe it would help	2	1.0%	0	0.0%	2	4.1%	1	2.4%	1	1.3%	0	0.0%
Provider is too far away	2	1.0%	1	0.7%	1	2.0%	0	0.0%	1	1.3%	1	1.3%
Culture/Health beliefs	1	0.5%	1	0.7%	0	0.0%	1	2.4%	0	0.0%	0	0.0%
Lack of childcare	1	0.5%	1	0.7%	0	0.0%	0	0.0%	0	0.0%	1	1.3%
No providers are available	1	0.5%	0	0.0%	1	2.0%	1	2.4%	0	0.0%	0	0.0%
Provider will not take my/our insurance	1	0.5%	0	0.0%	1	2.0%	0	0.0%	1	1.3%	0	0.0%
Other (please specify)	8	4.1%	6	4.1%	2	4.1%	3	7.1%	4	5.2%	1	1.3%

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## Brunswick CHA Tables 2019

38. In the past 12 months, what prevented you and/or members of your household from getting necessary mental health care or substance use treatment? (select all that apply)												
Other (please specify)	All Surveys n=8		In Person n=6		By Mail n=2		Income Group 1 n=3		Income Group 2 n=4		Income Group 3 n=1	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
None	2	25.0%	1	16.7%	1	50.0%	1	33.3%	1	25.0%	0	0.0%
Expense and embarrassed	1	12.5%	1	16.7%	0	0.0%	0	0.0%	1	25.0%	0	0.0%
Money	1	12.5%	0	0.0%	1	50.0%	1	33.3%	0	0.0%	0	0.0%
N/A	1	12.5%	1	16.7%	0	0.0%	0	0.0%	1	25.0%	0	0.0%
do not need it	1	12.5%	1	16.7%	0	0.0%	0	0.0%	0	0.0%	1	100%
the wait is too long for an appointment	1	12.5%	1	16.7%	0	0.0%	0	0.0%	1	25.0%	0	0.0%
was not prevented	1	12.5%	1	16.7%	0	0.0%	1	33.3%	0	0.0%	0	0.0%

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## Brunswick CHA Tables 2019

39. Within the past 12 months, did you worry that your food would run out before you got money to buy more?												
	All Surveys n=179		In Person n=138		By Mail n=41		Income Group 1 n=36		Income Group 2 n=72		Income Group 3 n=71	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
No	168	93.9%	129	93.5%	39	95.1%	33	91.7%	67	93.1%	68	95.8%
Yes	11	6.1%	9	6.5%	2	4.9%	3	8.3%	5	6.9%	3	4.2%

40. Within the past 12 months, has lack of reliable or affordable transportation kept you from medical appointments, getting medicines, non-medical meetings or appointments, work, or from getting things that you need?												
	All Surveys n=179		In Person n=138		By Mail n=41		Income Group 1 n=36		Income Group 2 n=72		Income Group 3 n=71	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
No	173	96.6%	134	97.1%	39	95.1%	33	91.7%	71	98.6%	69	97.2%
Yes	6	3.4%	4	2.9%	2	4.9%	3	8.3%	1	1.4%	2	2.8%

41. Within the past 12 months have you intentionally been hit, slapped, kicked or otherwise physically hurt by someone?												
	All Surveys n=179		In Person n=138		By Mail n=41		Income Group 1 n=36		Income Group 2 n=72		Income Group 3 n=71	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
No	177	98.9%	137	99.3%	40	97.6%	35	97.2%	72	100%	70	98.6%
Yes	2	1.1%	1	0.7%	1	2.4%	1	2.8%	0	0.0%	1	1.4%

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## Brunswick CHA Tables 2019

42. Within the past 12 months, have you been humiliated, yelled at, insulted, put down or emotionally abused in other ways by your partner or ex-partner?												
	All Surveys n=178		In Person n=137		By Mail n=41		Income Group 1 n=36		Income Group 2 n=71		Income Group 3 n=71	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
No	169	94.9%	131	95.6%	38	92.7%	34	94.4%	68	95.8%	67	94.4%
Yes	9	5.1%	6	4.4%	3	7.3%	2	5.6%	3	4.2%	4	5.6%

43. Do you have housing?												
	All Surveys n=179		In Person n=138		By Mail n=41		Income Group 1 n=36		Income Group 2 n=72		Income Group 3 n=71	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Yes	177	98.9%	137	99.3%	40	97.6%	36	100%	72	100%	69	97.2%
No	2	1.1%	1	0.7%	1	2.4%	0	0.0%	0	0.0%	2	2.8%

44. Are you worried about losing your housing?												
	All Surveys n=178		In Person n=137		By Mail n=41		Income Group 1 n=36		Income Group 2 n=72		Income Group 3 n=70	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
No	168	94.4%	131	95.6%	37	90.2%	34	94.4%	68	94.4%	66	94.3%
Yes	10	5.6%	6	4.4%	4	9.8%	2	5.6%	4	5.6%	4	5.7%

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*Brunswick CHA Tables 2019*

45. Within the past 12 months, have you or members of your household been unable to get utilities (heat, electricity) when it was really needed?												
	All Surveys n=179		In Person n=138		By Mail n=41		Income Group 1 n=36		Income Group 2 n=72		Income Group 3 n=71	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
No	165	92.2%	128	92.8%	37	90.2%	36	100%	63	87.5%	66	93.0%
Yes	14	7.8%	10	7.2%	4	9.8%	0	0.0%	9	12.5%	5	7.0%

46. Do you feel physically safe and emotionally safe in your community?												
	All Surveys n=179		In Person n=138		By Mail n=41		Income Group 1 n=36		Income Group 2 n=72		Income Group 3 n=71	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Yes	172	96.1%	132	95.7%	40	97.6%	35	97.2%	70	97.2%	67	94.4%
No	7	3.9%	6	4.3%	1	2.4%	1	2.8%	2	2.8%	4	5.6%

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## Brunswick CHA Tables 2019

47. What community do you live in? (select only one)												
	All Surveys n=179		In Person n=138		By Mail n=41		Income Group 1 n=37		Income Group 2 n=71		Income Group 3 n=71	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Leland	39	21.8%	33	23.9%	6	14.6%	3	8.1%	12	16.9%	24	33.8%
Southport	19	10.6%	16	11.6%	3	7.3%	12	32.4%	0	0.0%	7	9.9%
Bolivia	16	8.9%	12	8.7%	4	9.8%	2	5.4%	14	19.7%	0	0.0%
Carolina Shores	16	8.9%	14	10.1%	2	4.9%	0	0.0%	16	22.5%	0	0.0%
Calabash	15	8.4%	6	4.3%	9	22.0%	1	2.7%	13	18.3%	1	1.4%
Belville	12	6.7%	10	7.2%	2	4.9%	0	0.0%	1	1.4%	11	15.5%
Winnabow	10	5.6%	9	6.5%	1	2.4%	1	2.7%	0	0.0%	9	12.7%
Oak Island	9	5.0%	8	5.8%	1	2.4%	1	2.7%	4	5.6%	4	5.6%
Supply	8	4.5%	5	3.6%	3	7.3%	6	16.2%	2	2.8%	0	0.0%
Shallotte	6	3.4%	4	2.9%	2	4.9%	5	13.5%	0	0.0%	1	1.4%
Northwest	5	2.8%	4	2.9%	1	2.4%	2	5.4%	3	4.2%	0	0.0%
Ocean Isle Beach	5	2.8%	3	2.2%	2	4.9%	1	2.7%	0	0.0%	4	5.6%
St. James	4	2.2%	0	0.0%	4	9.8%	0	0.0%	0	0.0%	4	5.6%
Sunset Beach	4	2.2%	4	2.9%	0	0.0%	0	0.0%	4	5.6%	0	0.0%
Caswell Beach	3	1.7%	3	2.2%	0	0.0%	0	0.0%	0	0.0%	3	4.2%
Holden Beach	3	1.7%	2	1.4%	1	2.4%	2	5.4%	0	0.0%	1	1.4%
Ashe	2	1.1%	2	1.4%	0	0.0%	0	0.0%	2	2.8%	0	0.0%
Boiling Spring Lakes	2	1.1%	2	1.4%	0	0.0%	0	0.0%	0	0.0%	2	2.8%
Varnamtown	1	0.6%	1	0.7%	0	0.0%	1	2.7%	0	0.0%	0	0.0%

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*Brunswick CHA Tables 2019*

48. Gender (select only one)												
	All Surveys n=178		In Person n=137		By Mail n=41		Income Group 1 n=35		Income Group 2 n=72		Income Group 3 n=71	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Female	104	58.4%	81	59.1%	23	56.1%	21	60.0%	46	63.9%	37	52.1%
Male	72	40.4%	54	39.4%	18	43.9%	12	34.3%	26	36.1%	34	47.9%
Other	1	0.6%	1	0.7%	0	0.0%	1	2.9%	0	0.0%	0	0.0%
Transgender	1	0.6%	1	0.7%	0	0.0%	1	2.9%	0	0.0%	0	0.0%

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*Brunswick CHA Tables 2019*

49. Age (select only one)												
	All Surveys n=179		In Person n=138		By Mail n=41		Income Group 1 n=36		Income Group 2 n=72		Income Group 3 n=71	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
65-69	35	19.6%	24	17.4%	11	26.8%	4	11.1%	13	18.1%	18	25.4%
70-74	28	15.6%	18	13.0%	10	24.4%	9	25.0%	12	16.7%	7	9.9%
60-64	26	14.5%	20	14.5%	6	14.6%	6	16.7%	11	15.3%	9	12.7%
75-79	16	8.9%	16	11.6%	0	0.0%	2	5.6%	6	8.3%	8	11.3%
35-39	12	6.7%	11	8.0%	1	2.4%	2	5.6%	4	5.6%	6	8.5%
50-54	11	6.1%	9	6.5%	2	4.9%	5	13.9%	3	4.2%	3	4.2%
80-84	11	6.1%	7	5.1%	4	9.8%	2	5.6%	6	8.3%	3	4.2%
55-59	8	4.5%	6	4.3%	2	4.9%	1	2.8%	4	5.6%	3	4.2%
45-49	7	3.9%	6	4.3%	1	2.4%	0	0.0%	3	4.2%	4	5.6%
30-34	6	3.4%	6	4.3%	0	0.0%	1	2.8%	2	2.8%	3	4.2%
40-44	6	3.4%	4	2.9%	2	4.9%	1	2.8%	2	2.8%	3	4.2%
85 or older	5	2.8%	3	2.2%	2	4.9%	0	0.0%	4	5.6%	1	1.4%
20-24	3	1.7%	3	2.2%	0	0.0%	2	5.6%	1	1.4%	0	0.0%
25-29	3	1.7%	3	2.2%	0	0.0%	1	2.8%	0	0.0%	2	2.8%
15-19	2	1.1%	2	1.4%	0	0.0%	0	0.0%	1	1.4%	1	1.4%

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*Brunswick CHA Tables 2019*

50. Race (select only one)												
	All Surveys n=178		In Person n=137		By Mail n=41		Income Group 1 n=36		Income Group 2 n=72		Income Group 3 n=70	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
White or Caucasian	154	86.5%	116	84.7%	38	92.7%	27	75.0%	63	87.5%	64	91.4%
Black or African American	15	8.4%	12	8.8%	3	7.3%	7	19.4%	5	6.9%	3	4.3%
Hispanic, Latino, or Spanish Origin	3	1.7%	3	2.2%	0	0.0%	1	2.8%	1	1.4%	1	1.4%
American Indian or Alaska Native	2	1.1%	2	1.5%	0	0.0%	1	2.8%	0	0.0%	1	1.4%
Other Asian (including Japanese, Chinese, Korean, Vietnamese, and Filipino/a)	2	1.1%	2	1.5%	0	0.0%	0	0.0%	1	1.4%	1	1.4%
Other race not listed (please specify)	2	1.1%	2	1.5%	0	0.0%	0	0.0%	2	2.8%	0	0.0%

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*Brunswick CHA Tables 2019*

50. Other race not listed here (please specify)												
	All Surveys n=2		In Person n=2		By Mail n=0		Income Group 1 n=0		Income Group 2 n=2		Income Group 3 n=0	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
I do not answer this type of question	1	50.0%	1	50.0%	0		0		1	50.0%	0	
white or Caucasian & Hispanic, Latino, or Spanish Origin	1	50.0%	1	50.0%	0		0		1	50.0%	0	

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*Brunswick CHA Tables 2019*

51. What is the highest grade or year of school you completed? (select only one)												
	All Surveys n=179		In Person n=138		By Mail n=41		Income Group 1 n=36		Income Group 2 n=72		Income Group 3 n=71	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Graduate or professional degree	42	23.5%	28	20.3%	14	34.1%	12	33.3%	11	15.3%	19	26.8%
High School graduate (or GED/equivalent)	36	20.1%	33	23.9%	3	7.3%	6	16.7%	17	23.6%	13	18.3%
Bachelor's Degree	35	19.6%	26	18.8%	9	22.0%	4	11.1%	10	13.9%	21	29.6%
Some college (no degree)	33	18.4%	23	16.7%	10	24.4%	5	13.9%	20	27.8%	8	11.3%
Associate's Degree or Vocational Training or Certificate	23	12.8%	19	13.8%	4	9.8%	3	8.3%	12	16.7%	8	11.3%
9-12 grade, no diploma	9	5.0%	8	5.8%	1	2.4%	6	16.7%	1	1.4%	2	2.8%
Other (please specify)	1	0.6%	1	0.7%	0	0.0%	0	0.0%	1	1.4%	0	0.0%

51. What is the highest grade or year of school you completed? (select only one)												
	All Surveys n=1		In Person n=1		By Mail n=0		Income Group 1 n=0		Income Group 2 n=1		Income Group 3 n=0	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
<b>Other (please specify)</b>												
associates and some college	1	100%	1	100%	0	.	0	.	1	100%	0	.

- n values represent the number of people in each subset who answered the given Question
- For Other (please specify) percentages are based on the number of people who chose Other NOT all responses for the Question
- Income Group 1 = Bottom 3rd; Income Group 2 = Middle 3rd; Income Group 3 = Top 3rd; For Household Income
- n values for In Person + Mailed = All Surveys; Income Group 1-3 = All Surveys

## Brunswick CHA Tables 2019

52. Employment status (select all that apply)												
	All Surveys n=189		In Person n=145		By Mail n=44		Income Group 1 n=38		Income Group 2 n=75		Income Group 3 n=76	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Retired	102	54.0%	77	53.1%	25	56.8%	18	47.4%	48	64.0%	36	47.4%
Employed full-time	45	23.8%	35	24.1%	10	22.7%	8	21.1%	16	21.3%	21	27.6%
Disabled	14	7.4%	9	6.2%	5	11.4%	4	10.5%	6	8.0%	4	5.3%
Employed part-time	11	5.8%	9	6.2%	2	4.5%	5	13.2%	2	2.7%	4	5.3%
Self-employed	7	3.7%	6	4.1%	1	2.3%	1	2.6%	1	1.3%	5	6.6%
Unemployed for more than 1 year	2	1.1%	1	0.7%	1	2.3%	0	0.0%	1	1.3%	1	1.3%
Unemployed not looking for work (homemaker, caregiver, etc.)	2	1.1%	2	1.4%	0	0.0%	1	2.6%	0	0.0%	1	1.3%
Armed forces (active duty)	1	0.5%	1	0.7%	0	0.0%	0	0.0%	0	0.0%	1	1.3%
Seasonal	1	0.5%	1	0.7%	0	0.0%	0	0.0%	0	0.0%	1	1.3%
Student	1	0.5%	1	0.7%	0	0.0%	0	0.0%	0	0.0%	1	1.3%
Other (please specify)	3	1.6%	3	2.1%	0	0.0%	1	2.6%	1	1.3%	1	1.3%

52. Employment status (select all that apply)												
	All Surveys n=3		In Person n=3		By Mail n=0		Income Group 1 n=1		Income Group 2 n=1		Income Group 3 n=1	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Other (please specify)												
AMA de casa	1	33.3%	1	33.3%	0	.	1	100%	0	0.0%	0	0.0%
husband lost job this year	1	33.3%	1	33.3%	0	.	0	0.0%	0	0.0%	1	100%
working 2 jobs full time	1	33.3%	1	33.3%	0	.	0	0.0%	1	100%	0	0.0%

- n values represent the number of people in each subset who answered the given Question
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- Income Group 1 = Bottom 3rd; Income Group 2 = Middle 3rd; Income Group 3 = Top 3rd; For Household Income
- n values for In Person + Mailed = All Surveys; Income Group 1-3 = All Surveys

## Brunswick CHA Tables 2019

53. What was your total household income last year before taxes? (select only one)												
	All Surveys n=152		In Person n=115		By Mail n=37		Income Group 1 n=30		Income Group 2 n=66		Income Group 3 n=56	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
\$50,000 - \$74,999	40	26.3%	30	26.1%	10	27.0%	4	13.3%	17	25.8%	19	33.9%
\$100,000 or more	32	21.1%	22	19.1%	10	27.0%	4	13.3%	15	22.7%	13	23.2%
\$75,000 - \$99,999	28	18.4%	20	17.4%	8	21.6%	3	10.0%	14	21.2%	11	19.6%
\$35,000 - \$49,999	19	12.5%	17	14.8%	2	5.4%	9	30.0%	7	10.6%	3	5.4%
\$15,000 - \$24,999	14	9.2%	12	10.4%	2	5.4%	3	10.0%	6	9.1%	5	8.9%
\$25,000 - \$34,999	9	5.9%	6	5.2%	3	8.1%	2	6.7%	5	7.6%	2	3.6%
Less than \$10,000	6	3.9%	4	3.5%	2	5.4%	4	13.3%	1	1.5%	1	1.8%
\$10,000 - \$14,999	4	2.6%	4	3.5%	0	0.0%	1	3.3%	1	1.5%	2	3.6%

54. What is your marital status? (select only one)												
	All Surveys n=175		In Person n=134		By Mail n=41		Income Group 1 n=34		Income Group 2 n=72		Income Group 3 n=69	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
Married	119	68.0%	90	67.2%	29	70.7%	24	70.6%	47	65.3%	48	69.6%
Never married/single	20	11.4%	17	12.7%	3	7.3%	6	17.6%	7	9.7%	7	10.1%
Divorced	18	10.3%	14	10.4%	4	9.8%	2	5.9%	9	12.5%	7	10.1%
Widowed	12	6.9%	9	6.7%	3	7.3%	1	2.9%	7	9.7%	4	5.8%
Unmarried partner	3	1.7%	2	1.5%	1	2.4%	0	0.0%	1	1.4%	2	2.9%
Separated	2	1.1%	1	0.7%	1	2.4%	1	2.9%	0	0.0%	1	1.4%
Other (please specify)	1	0.6%	1	0.7%	0	0.0%	0	0.0%	1	1.4%	0	0.0%

- n values represent the number of people in each subset who answered the given Question
- For Other (please specify) percentages are based on the number of people who chose Other NOT all responses for the Question
- Income Group 1 = Bottom 3rd; Income Group 2 = Middle 3rd; Income Group 3 = Top 3rd; For Household Income
- n values for In Person + Mailed = All Surveys; Income Group 1-3 = All Surveys

*Brunswick CHA Tables 2019*

54. What is your marital status? (select only one)												
Other (please specify)	All Surveys n=1		In Person n=1		By Mail n=0		Income Group 1 n=0		Income Group 2 n=1		Income Group 3 n=0	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
unmarried,cohabitating	1	100%	1	100%	0	.	0	.	1	100%	0	.

55. What is the primary language spoken in the home? (select only one)												
	All Surveys n=177		In Person n=136		By Mail n=41		Income Group 1 n=35		Income Group 2 n=72		Income Group 3 n=70	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
English	177	100%	136	100%	41	100%	35	100%	72	100%	70	100%

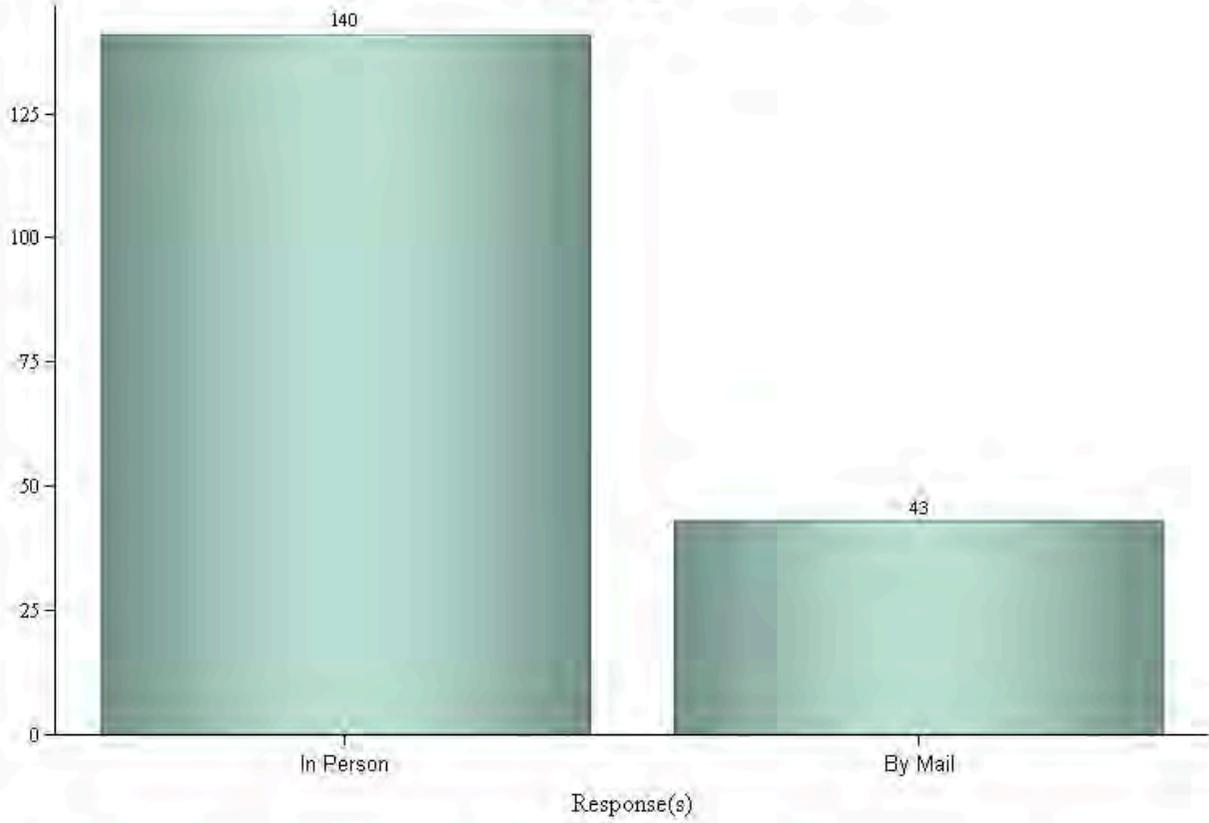
- n values represent the number of people in each subset who answered the given Question
- For Other (please specify) percentages are based on the number of people who chose Other NOT all responses for the Question
- Income Group 1 = Bottom 3rd; Income Group 2 = Middle 3rd; Income Group 3 = Top 3rd; For Household Income
- n values for In Person + Mailed = All Surveys; Income Group 1-3 = All Surveys

*Brunswick CHA Tables 2019*

Zip code *only asked on mailed surveys												
	All Surveys n=40		In Person n=0		By Mail n=40		Income Group 1 n=7		Income Group 2 n=17		Income Group 3 n=16	
	Count	%	Count	%	Count	%	Count	%	Count	%	Count	%
28467	11	27.5%	0	.	11	27.5%	1	14.3%	9	52.9%	1	6.3%
28451	9	22.5%	0	.	9	22.5%	0	0.0%	3	17.6%	6	37.5%
28461	6	15.0%	0	.	6	15.0%	1	14.3%	0	0.0%	5	31.3%
28422	4	10.0%	0	.	4	10.0%	0	0.0%	4	23.5%	0	0.0%
28462	4	10.0%	0	.	4	10.0%	2	28.6%	1	5.9%	1	6.3%
28469	2	5.0%	0	.	2	5.0%	0	0.0%	0	0.0%	2	12.5%
28470	2	5.0%	0	.	2	5.0%	2	28.6%	0	0.0%	0	0.0%
28465	1	2.5%	0	.	1	2.5%	1	14.3%	0	0.0%	0	0.0%
28479	1	2.5%	0	.	1	2.5%	0	0.0%	0	0.0%	1	6.3%

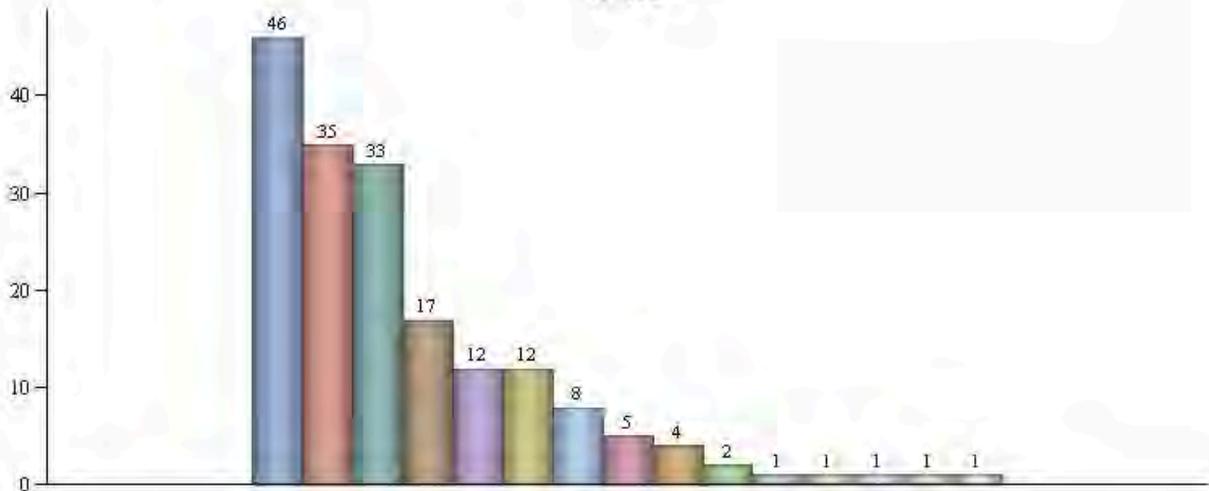
- n values represent the number of people in each subset who answered the given Question
- For Other (please specify) percentages are based on the number of people who chose Other NOT all responses for the Question
- Income Group 1 = Bottom 3rd; Income Group 2 = Middle 3rd; Income Group 3 = Top 3rd; For Household Income
- n values for In Person + Mailed = All Surveys; Income Group 1-3 = All Surveys

### Was the survey mailed or done in person? n=183



**1. In your opinion, what is the biggest health concern in your community?  
(select only one)**

n=179



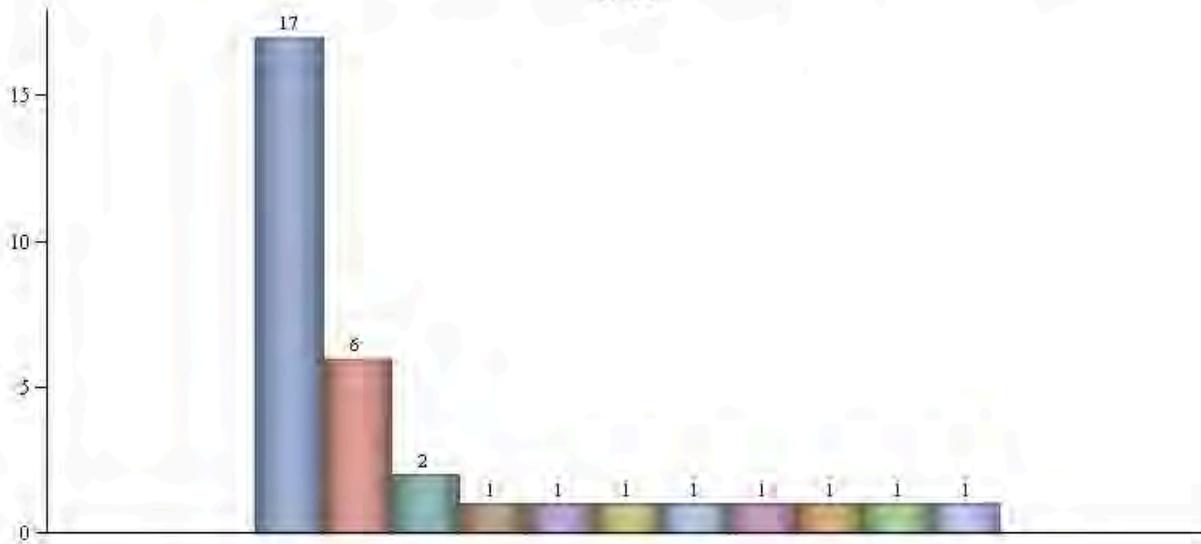
Responses

■ Drug misuse	■ Chronic Disease (Heart disease, High blood pressure, Diabetes, Stroke)
■ Other (please specify)	■ Cancer
■ Environmental health exposures	■ Unsafe driving
■ Obesity	■ Mental Health
■ Malnutrition/Lack of food	■ Alcohol misuse
■ Asthma/Lung Disease	■ Dental health
■ Gangs/Violence	■ Prenatal care
■ Tobacco use	

Legend is in order of the bars, left to right top to bottom

**1. In your opinion, what is the biggest health concern in your community?  
(Other: Please Specify)**

n=33

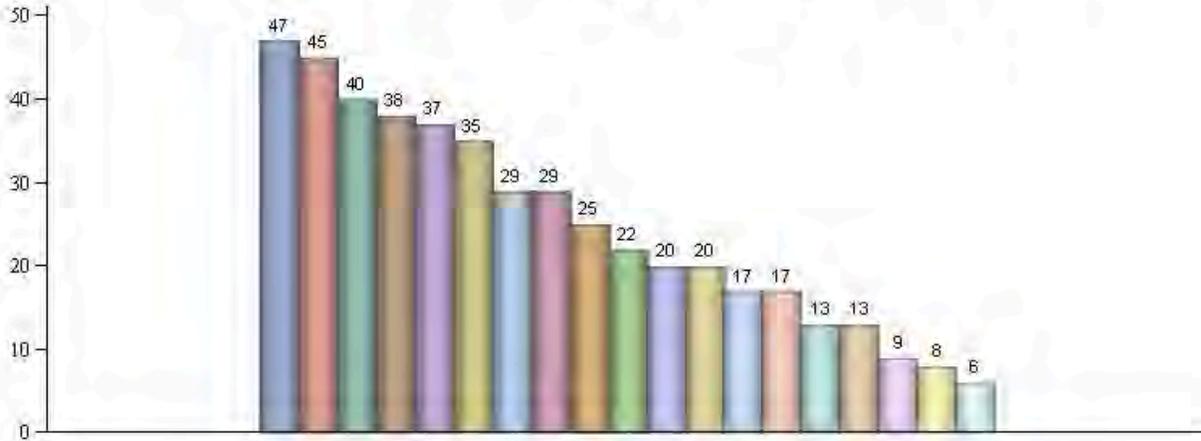


Responses	
Selected more than one option	Unsure
None	Aging Population
Smoke	Water = iron and rust in the water
adult seniors living alone	lack of affordable healthcare
public waste/genx	transportation for seniors to access care in NC & SC
vehicle break ins	

Legend is in order of the bars, left to right top to bottom

**2. In your opinion, which three areas need the most improvement in your neighborhood or community? (select your top three)**

n=470

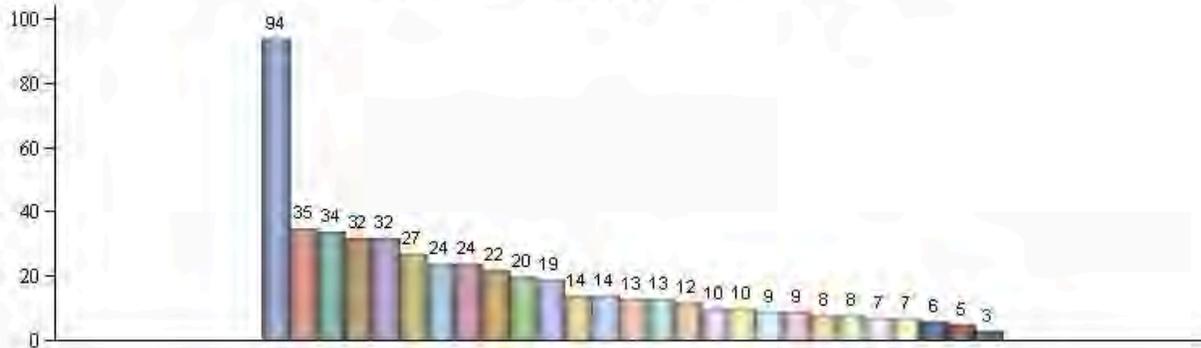


Responses	
■ Elder care options	■ Higher paying employment
■ Road maintenance	■ Better/more recreational facilities (parks, trails, community centers)
■ Transportation options	■ More affordable health services
■ Number of health care providers	■ Road safety
■ Availability of employment	■ Better/more healthy food choices
■ Counseling/mental health/support groups	■ Services for disabled people
■ Healthy family activities	■ Positive teen activities
■ Animal control	■ Other (please specify)
■ Child care options	■ Culturally appropriate health services
■ None	

Legend is in order of the bars, left to right top to bottom

### 3. In your opinion, which three issues most negatively affect the quality of life in Brunswick County? (select your top three)

n=511

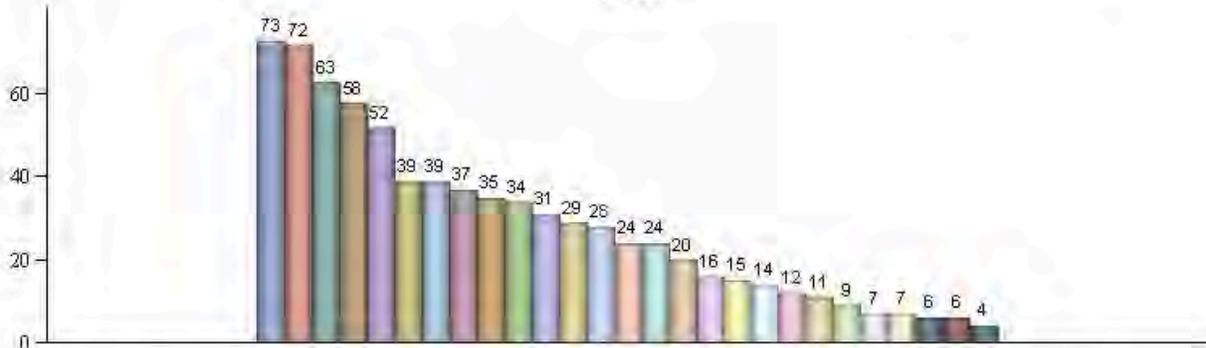


- Responses
- |  |   |
|--|---|
| <input type="checkbox"/> Alcohol, drugs, or medication misuse and abuse                                  | <input type="checkbox"/> Lack of affordable housing       |
| <input type="checkbox"/> Low income/poverty  | <input type="checkbox"/> Lack of employment opportunities |
| <input type="checkbox"/> Unsafe driving  | <input type="checkbox"/> Lack of transportation           |
| <input type="checkbox"/> Lack of recreational facilities (parks, trails, community centers, pools, etc.) | <input type="checkbox"/> Theft/petty crime                |
| <input type="checkbox"/> Poor air/water/ land quality  | <input type="checkbox"/> Traffic                          |
| <input type="checkbox"/> Lack of healthy food choices or affordable healthy food                         | <input type="checkbox"/> Lack of places to exercise       |
| <input type="checkbox"/> Lack of/inadequate health insurance   | <input type="checkbox"/> Homelessness                     |
| <input type="checkbox"/> Lack of childcare or recreational programs for youth                            | <input type="checkbox"/> Lack of education opportunities  |
| <input type="checkbox"/> Child neglect and abuse   | <input type="checkbox"/> Gang involvement                 |
| <input type="checkbox"/> Dropping out of school  | <input type="checkbox"/> Smoking/tobacco use              |
| <input type="checkbox"/> Domestic/sexual violence  | <input type="checkbox"/> Social isolation/loneliness      |
| <input type="checkbox"/> Motor vehicle injuries including bicyclist and pedestrians                      | <input type="checkbox"/> Other (please specify)           |
| <input type="checkbox"/> Discrimination/racism   | <input type="checkbox"/> Poor housing conditions          |
| <input type="checkbox"/> Violent crime (murder, assault)   |   |

Legend is in order of the bars, left to right top to bottom

**4. What are the top five most needed health screenings or education/information services in your community? (select your top five)**

n=765



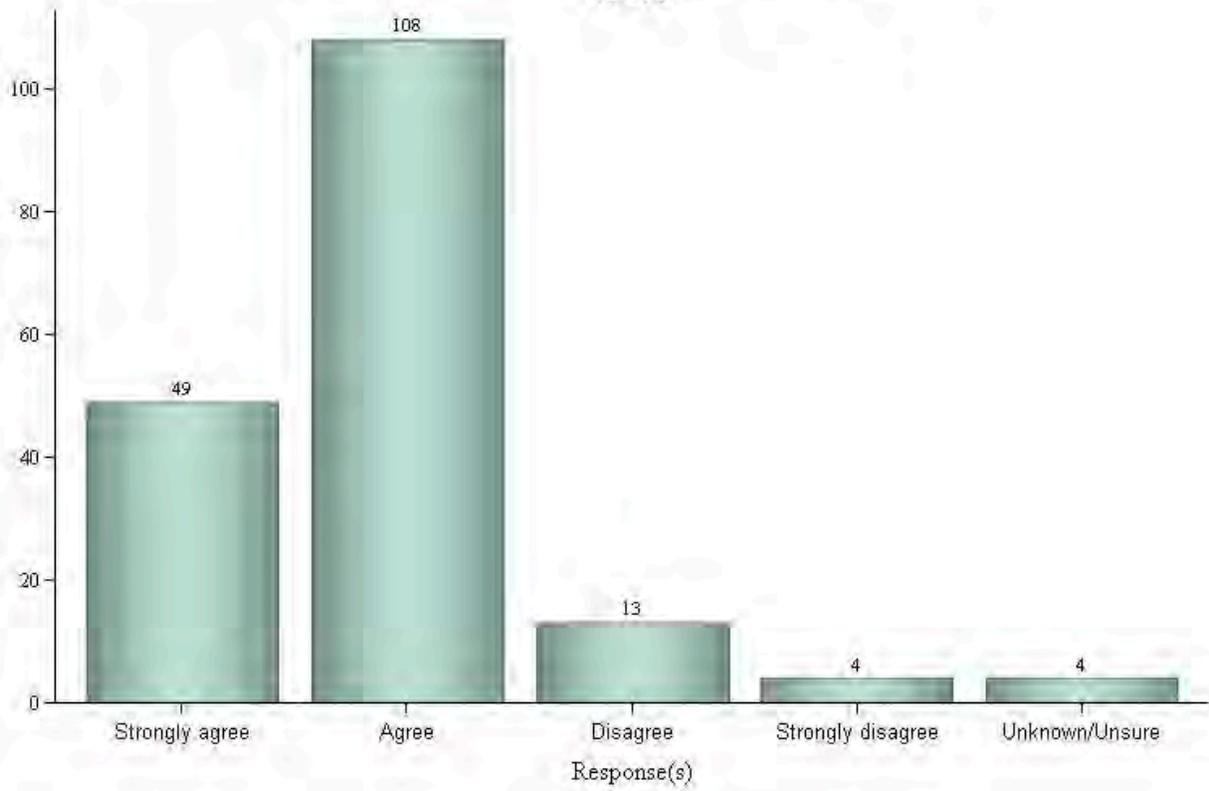
Responses

<input type="checkbox"/> Mental health (including depression/anxiety)	<input type="checkbox"/> Addiction/Recovery
<input type="checkbox"/> Cognitive disorders (Dementia and Alzheimer's)	<input type="checkbox"/> Cancer
<input type="checkbox"/> Substance misuse	<input type="checkbox"/> Blood pressure
<input type="checkbox"/> Diabetes	<input type="checkbox"/> Physical activity
<input type="checkbox"/> Nutrition/Healthy eating	<input type="checkbox"/> Safe driving
<input type="checkbox"/> Emergency Preparedness	<input type="checkbox"/> Dental screenings
<input type="checkbox"/> Reading understating/English language skill level	<input type="checkbox"/> Child growth and development screenings
<input type="checkbox"/> Vaccinations/Immunizations	<input type="checkbox"/> Cholesterol
<input type="checkbox"/> Vision screenings	<input type="checkbox"/> Stroke
<input type="checkbox"/> Learning Disabilities screenings	<input type="checkbox"/> HM/Sexually transmitted diseases
<input type="checkbox"/> Unknown/Unsure	<input type="checkbox"/> Pregnancy prevention
<input type="checkbox"/> Child car seats	<input type="checkbox"/> Other (please specify)
<input type="checkbox"/> Disease outbreaks	<input type="checkbox"/> Eating disorders
<input type="checkbox"/> Seatbelts	

Legend is in order of the bars, left to right top to bottom

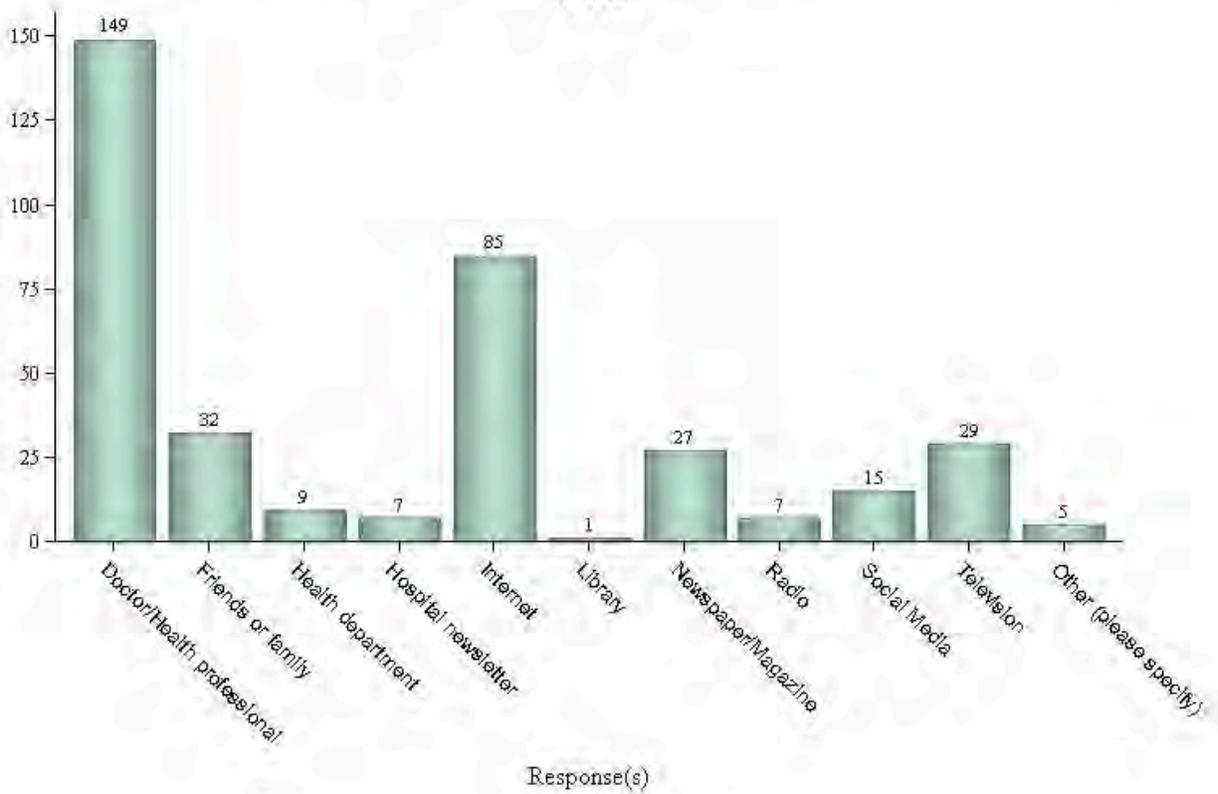
**5. Our community is a safe place to be physically active. How strongly do you agree or disagree with this statement?**

n=178



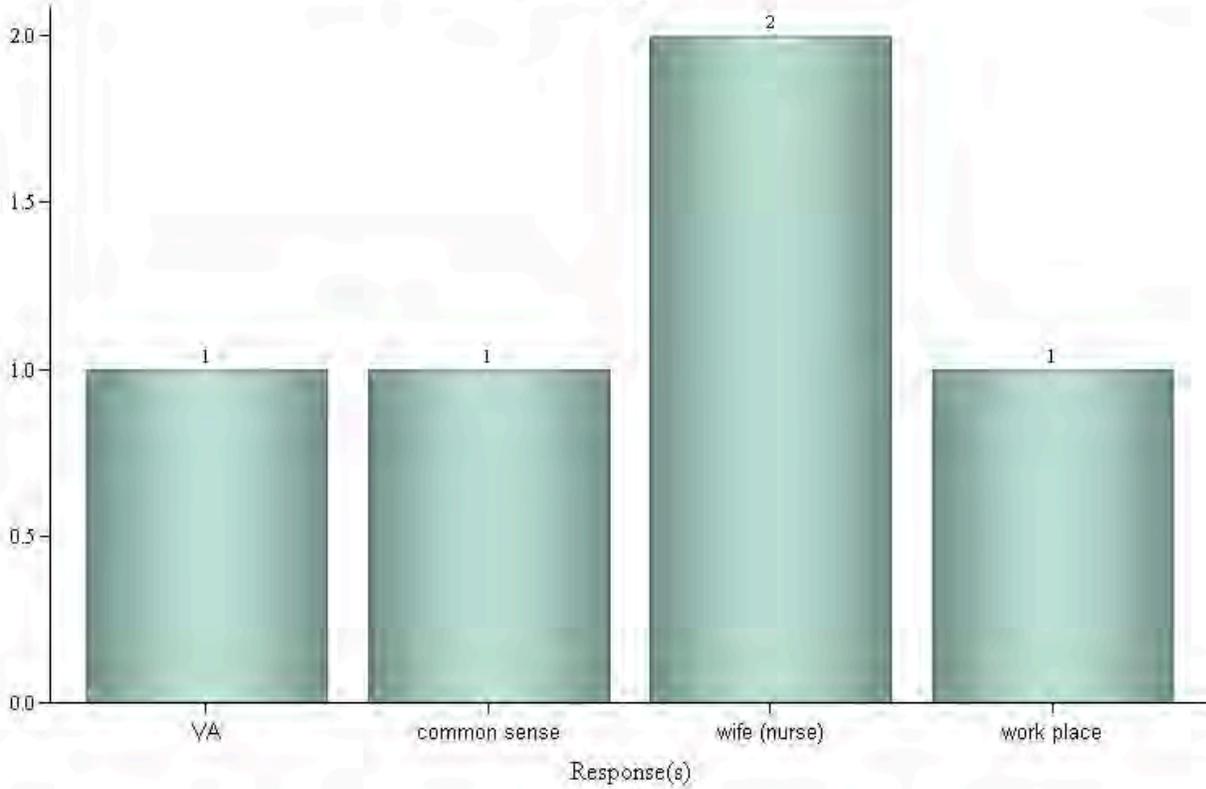
**6. Where do you and your family get the most of your health information?  
(select all that apply)**

n=366



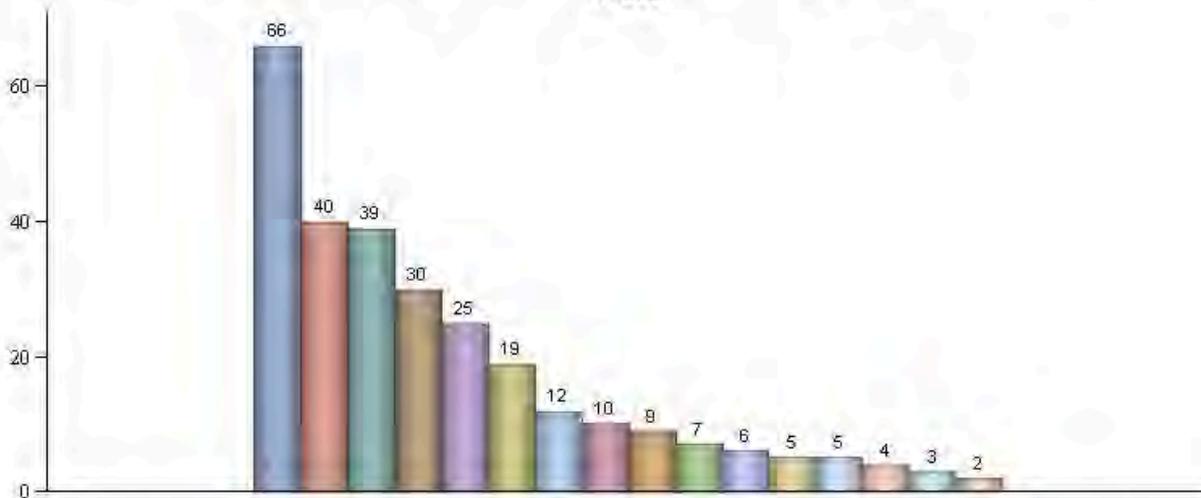
**6. Where do you and your family get the most of your health information?  
(Other: Please Specify)**

n=5



**7. Which of these problems prevented you and/or your household from getting necessary health care? (select all that apply)**

n=282

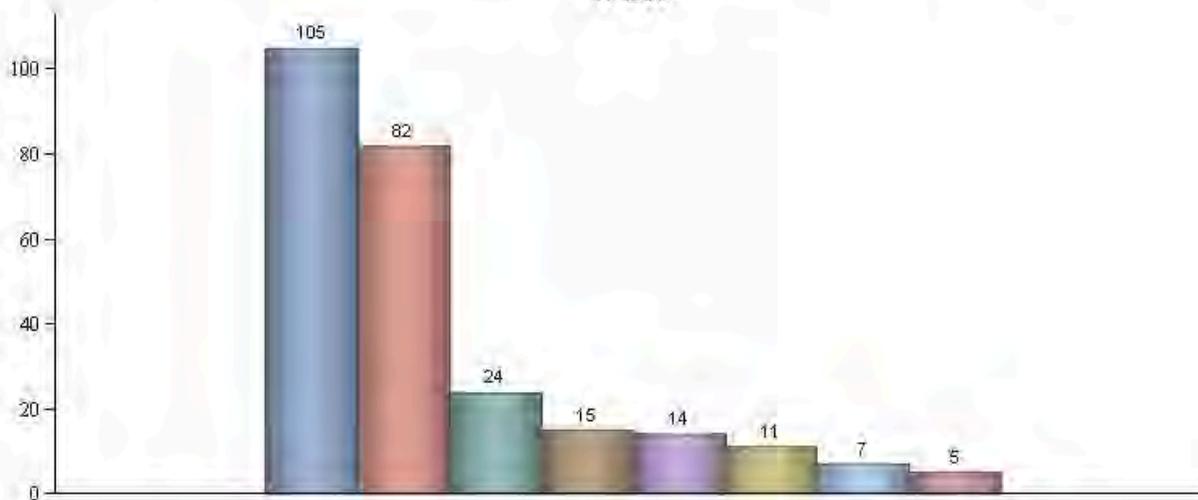


Responses

<input type="checkbox"/> None/No challenges	<input type="checkbox"/> Waiting too long to get an appointment
<input type="checkbox"/> Lack of insurance	<input type="checkbox"/> Unable to pay
<input type="checkbox"/> Need appointment hours outside of 8:00am -5:00pm	<input type="checkbox"/> Waiting too long at providers office
<input type="checkbox"/> Other (please specify)	<input type="checkbox"/> Transportation
<input type="checkbox"/> Lack of trust and communication with provider	<input type="checkbox"/> Lack of knowledge/understanding of the need
<input type="checkbox"/> Not ready to face the health problem	<input type="checkbox"/> Lack of childcare
<input type="checkbox"/> Unknown/Unsure	<input type="checkbox"/> Lack of elder/disability care
<input type="checkbox"/> Culture/Health beliefs	<input type="checkbox"/> Lack of LGBTQ+ focused care

Legend is in order of the bars, left to right top to bottom

**8. As it relates to health insurance and health care coverage, which of the following applies to you and/or your household? (select all that apply)**  
**n=263**

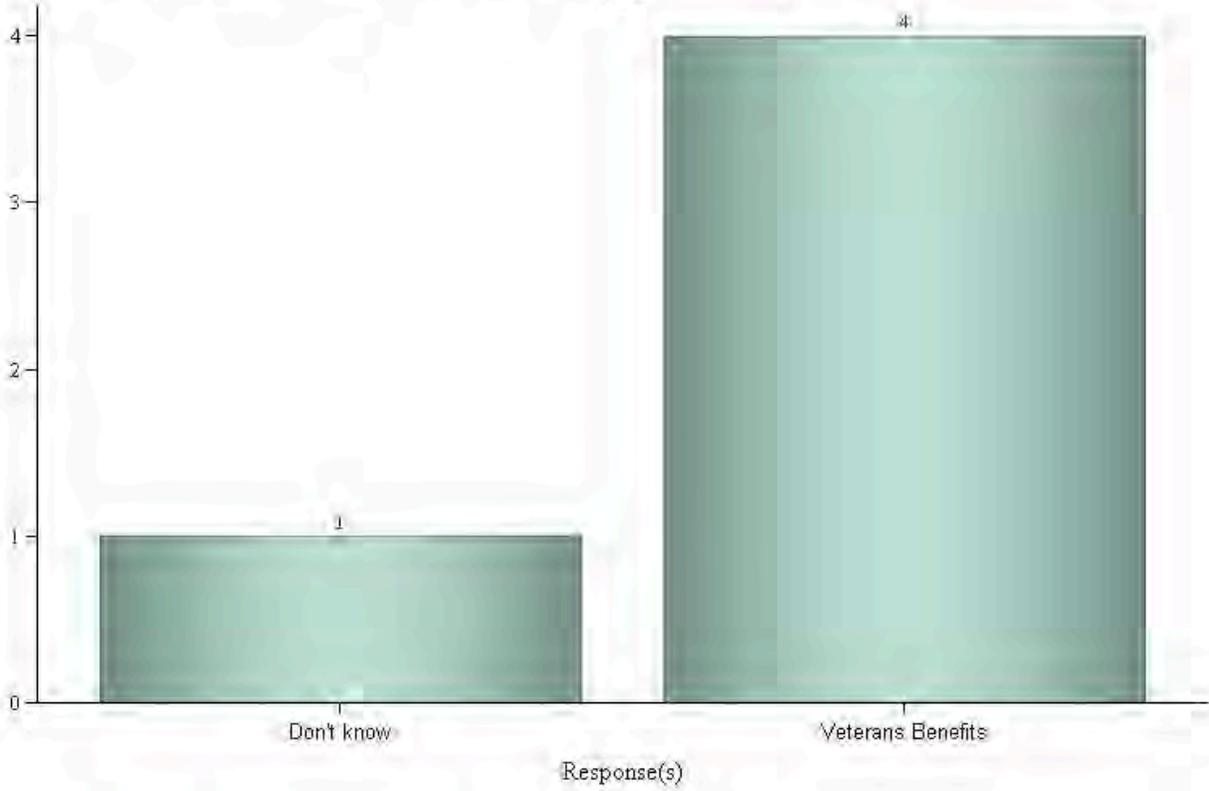


- Responses
- Medicare or Medicare Supplement Plan
  - Private health insurance plan, provided by employer or workplace
  - Other private health insurance plan
  - Medicaid
  - Tricare, CHAMPUS
  - I do not have health insurance or coverage
  - Other members of my household do not have insurance
  - Other (please specify)

Legend is in order of the bars, left to right top to bottom

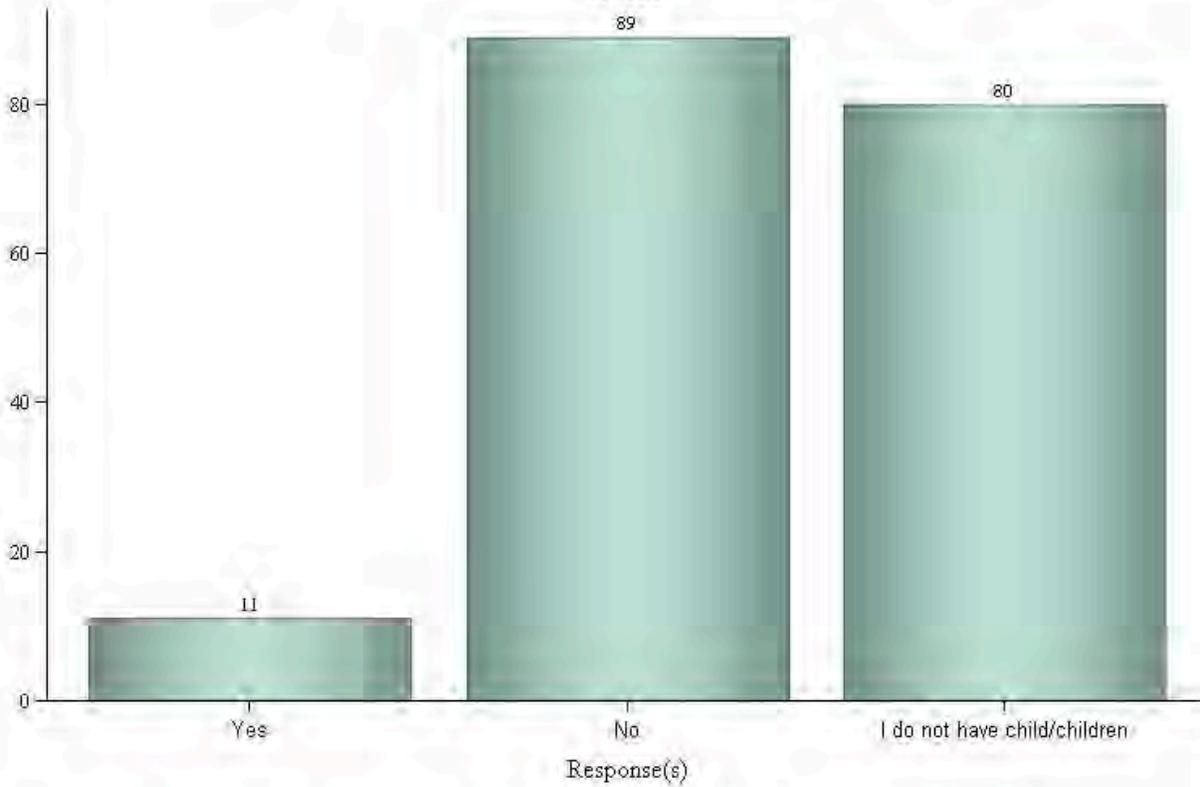
**8. As it relates to health insurance and health care coverage, which of the following applies to you and/or your household? (Other: Please Specify)**

n=5



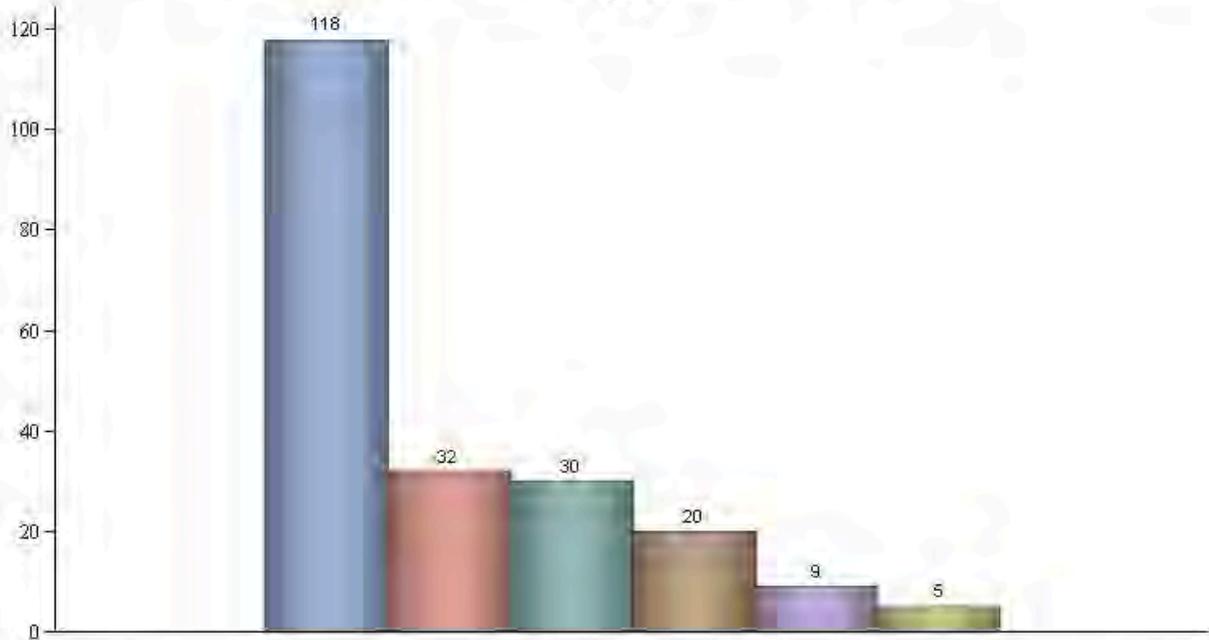
**9. Was there any time in the past 12 months that your child/children did not have health insurance or health coverage?**

n=180



**10. In the past 12 months, what challenges have you or a family member(s) faced getting a prescription filled? (select all that apply)**

n=214

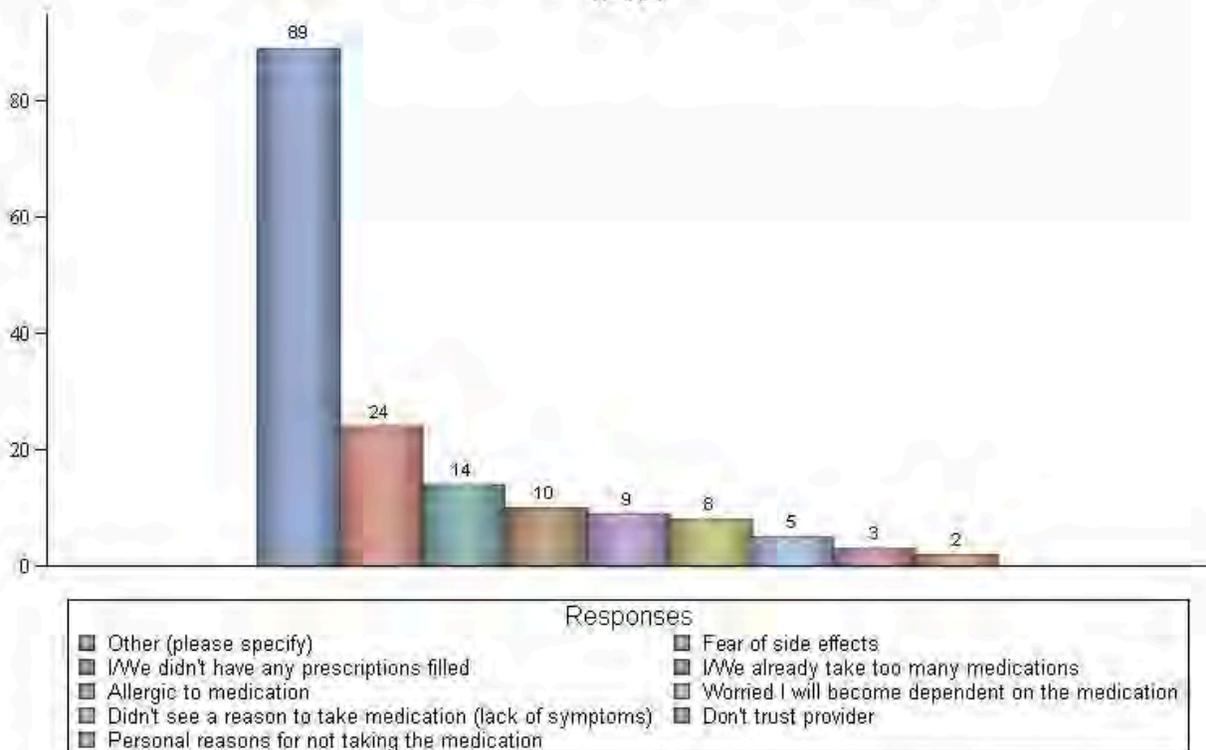


Responses		
<input type="checkbox"/> We didn't have challenges getting a prescription filled	<input type="checkbox"/> Too costly	<input type="checkbox"/> Insurance didn't cover
<input type="checkbox"/> Other (please specify)	<input type="checkbox"/> Lack of insurance	<input type="checkbox"/> Pharmacy hours

Legend is in order of the bars, left to right top to bottom

**11. In the past 12 months, what challenges have you or a family member(s) faced taking a prescription you had filled? (select all that apply)**

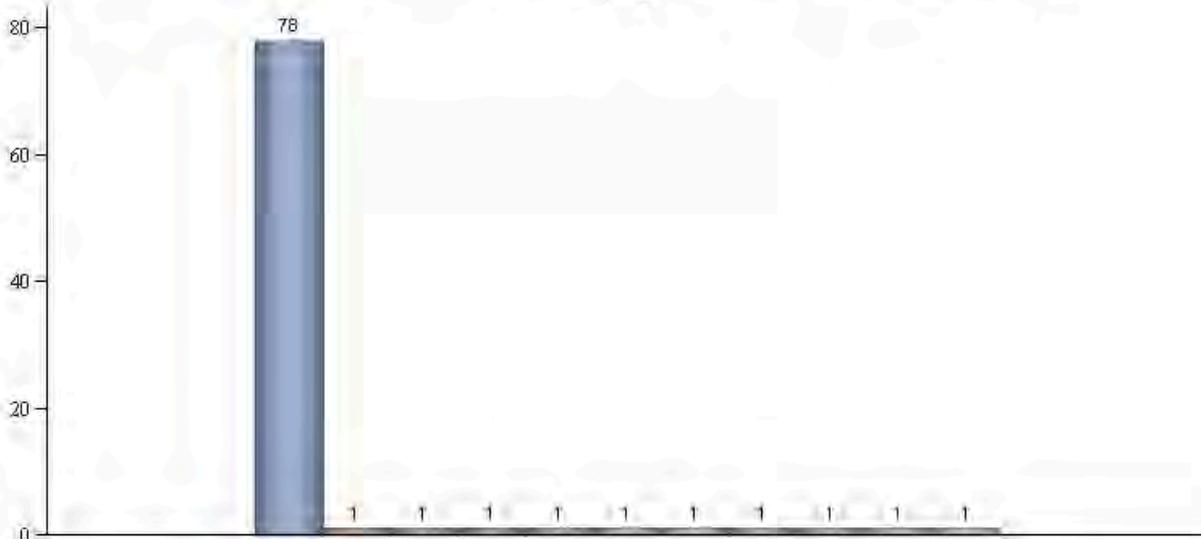
n=164



Legend is in order of the bars, left to right top to bottom

**11. In the past 12 months, what challenges have you or a family member(s) faced taking a prescription you had filled? (Other: please specify)**

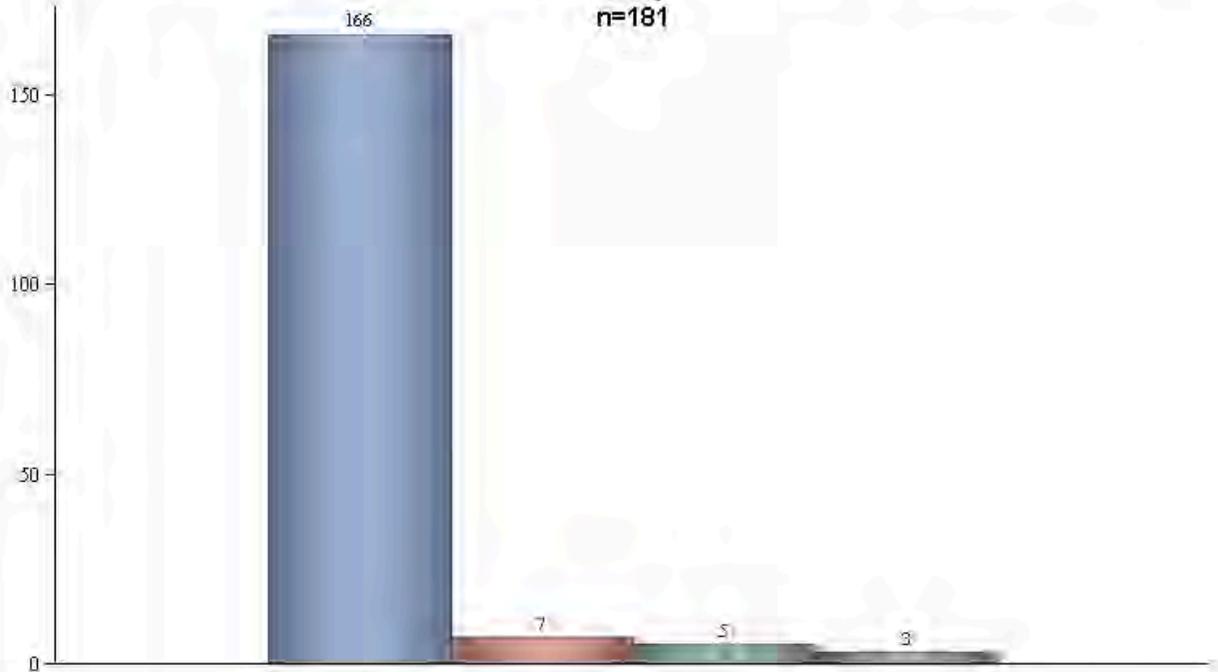
n=88



- Responses
- |  |  |
|--|--|
| <input type="checkbox"/> None  | <input type="checkbox"/> DNA N/A                       |
| <input type="checkbox"/> Doctor and pharmacy conflict                            | <input type="checkbox"/> Forgetful                     |
| <input type="checkbox"/> Forgot to take at correct time of day                   | <input type="checkbox"/> I have taken my prescriptions |
| <input type="checkbox"/> Interactions with other prescription drugs              | <input type="checkbox"/> cost                          |
| <input type="checkbox"/> had to drop several medications that were too expensive | <input type="checkbox"/> television has me petrified   |
| <input type="checkbox"/> used as directed no problems                            |  |

Legend is in order of the bars, left to right top to bottom

**12. What type of transportation do you most often rely on? (select only one)**  
n=181

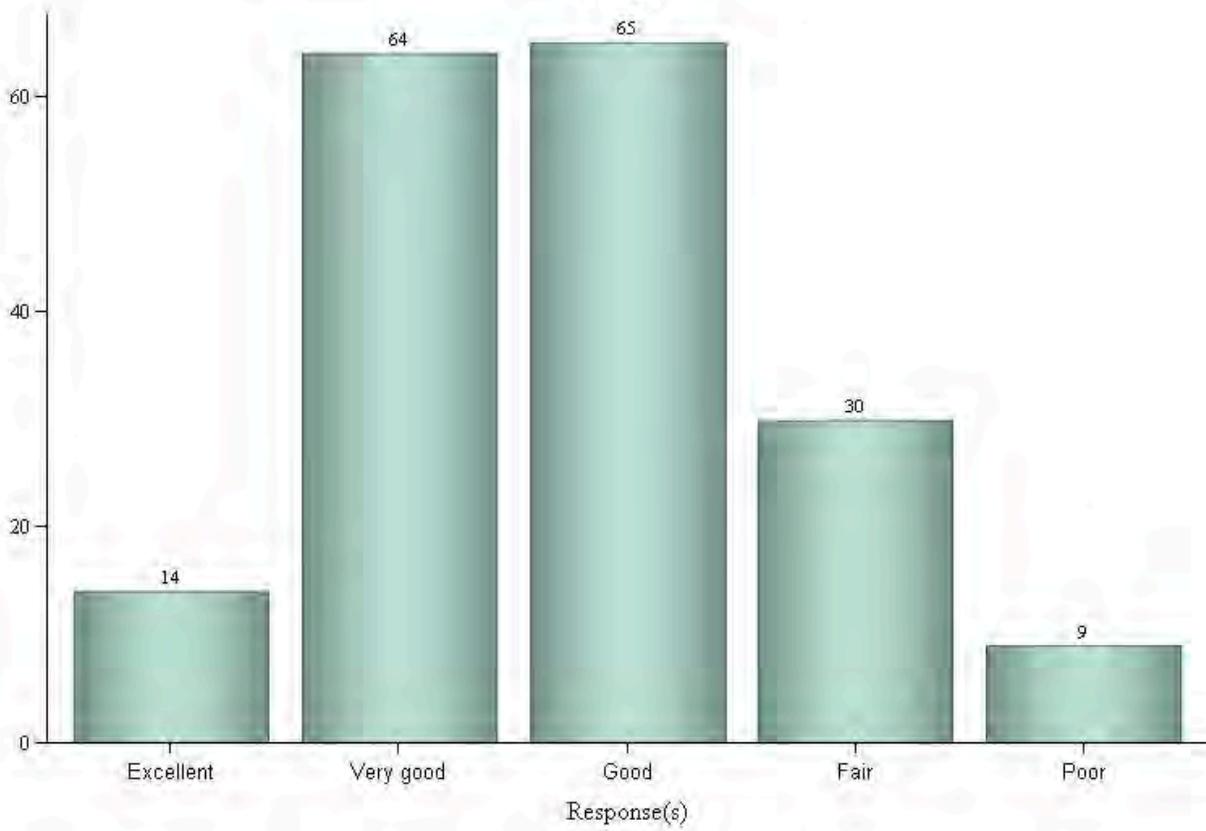


Responses

Personal/family vehicle	Vehicle of family member/friend
Other (please specify)	Public transportation (Brunswick Transit System)

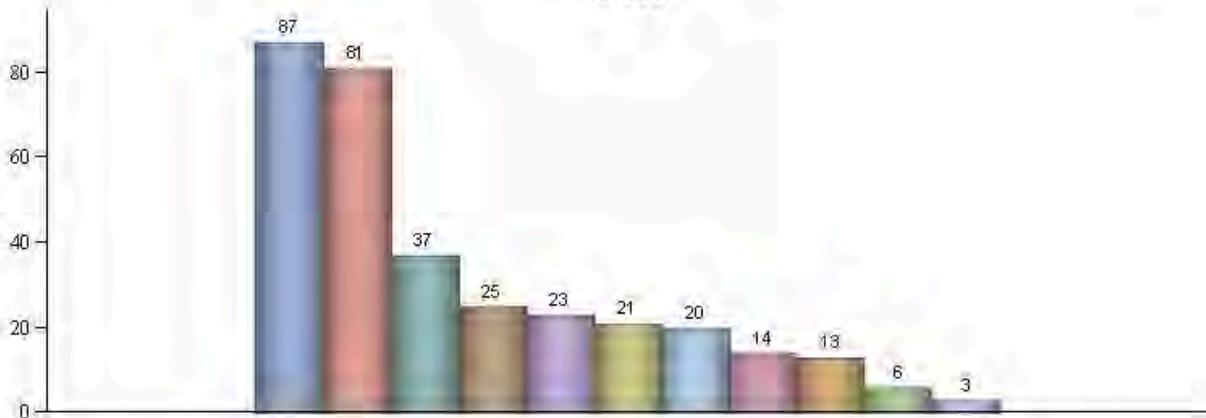
Legend is in order of the bars, left to right top to bottom

**13. How would you rate your health?**  
n=182



**14. If you would like to improve you health, what would you do? (select all that apply)**

n=330



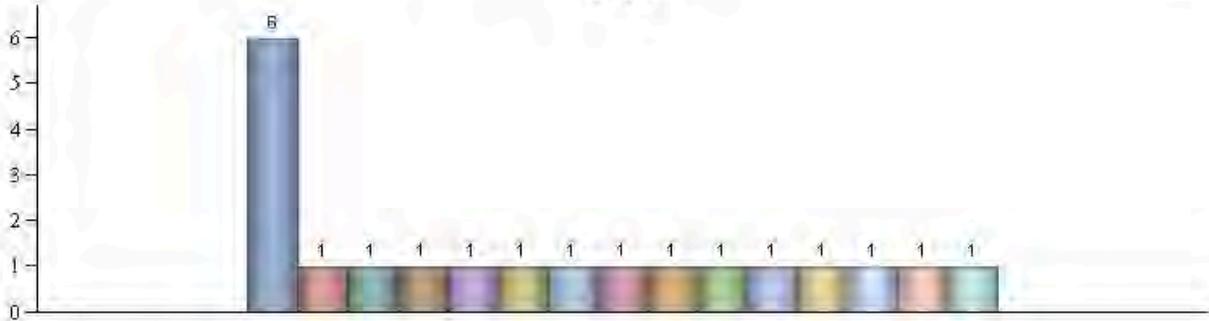
Responses

<input type="checkbox"/>	Eat more healthy food
<input type="checkbox"/>	Start exercising
<input type="checkbox"/>	Access to healthy foods
<input type="checkbox"/>	Learn more about healthy living and/or manage my disease or condition
<input type="checkbox"/>	Go to primary care providers (family doctor, medical doctor)
<input type="checkbox"/>	Go to have preventative screenings (mammograms, colonoscopy, etc.)
<input type="checkbox"/>	Other (please specify)
<input type="checkbox"/>	Stop or try to stop smoking or using tobacco products
<input type="checkbox"/>	Go to mental health provider
<input type="checkbox"/>	I am not interested in improving my health
<input type="checkbox"/>	Access to substance misuse treatment

Legend is in order of the bars, left to right top to bottom

**14. If you would like to improve you health, what would you do? (Other: Please Specify)**

n=20

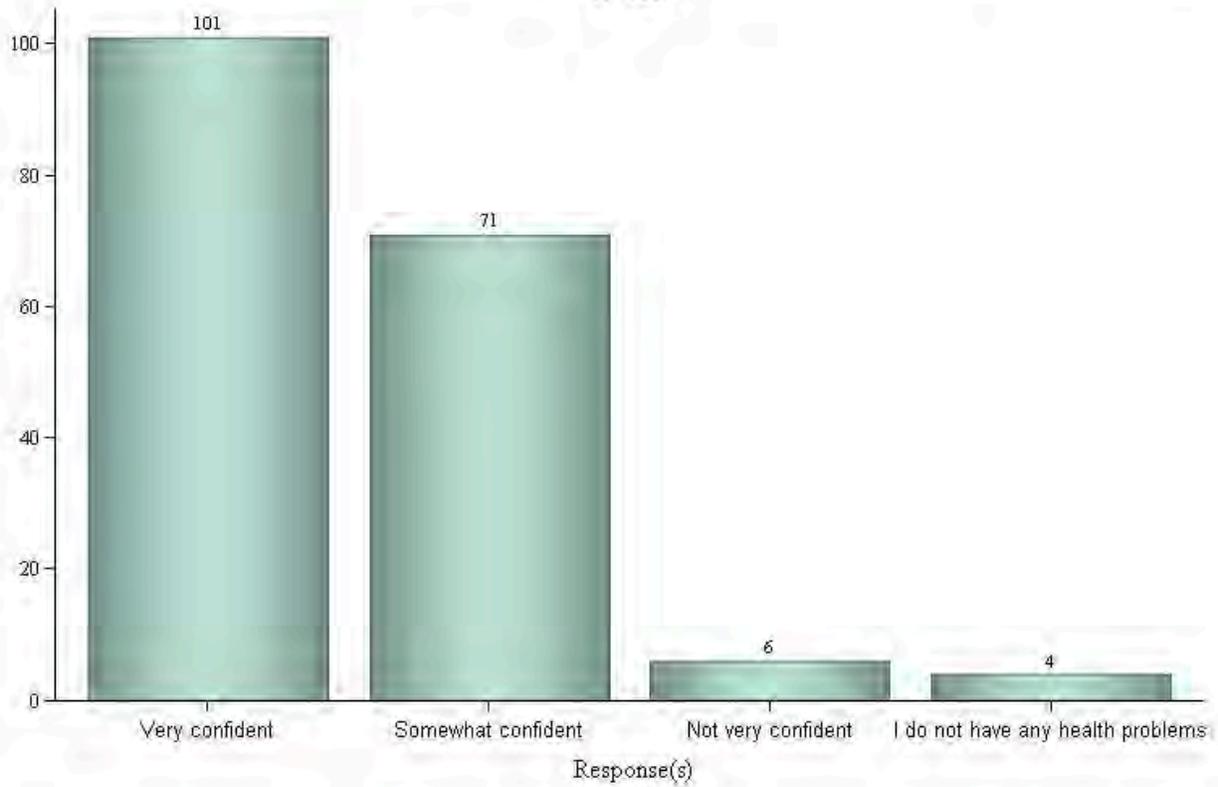


- Responses
- Exercise more
  - Already exercise, tries to do everything to stay active
  - Clean up our water and air
  - Cut out sugar
  - Find better doctors, I do all above already without help from MDs
  - I am working daily to improve myself
  - I do all these healthy things.
  - None
  - Participate in group exercise or sports for adults
  - Trying to doctor's orders
  - hip replacement
  - lose 20lbs
  - qualified doctors
  - stay active/rest
  - weight control

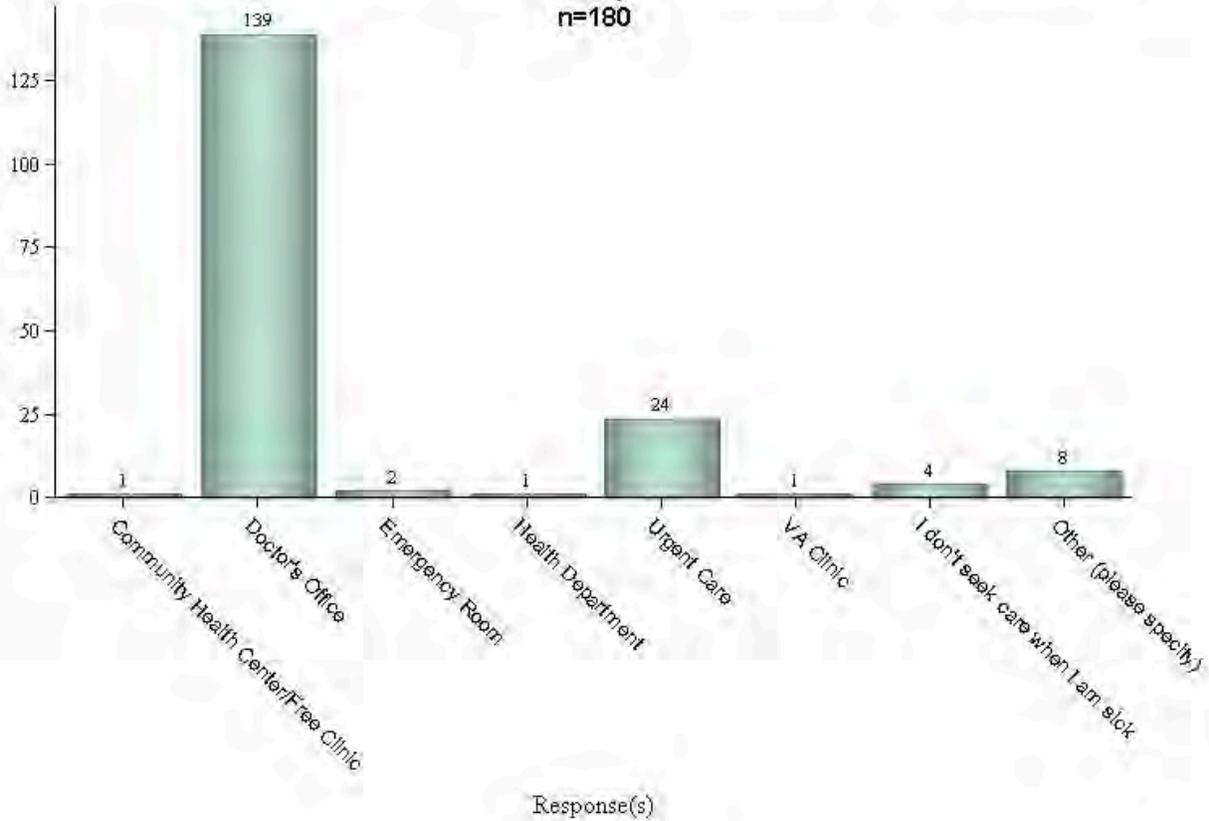
Legend is in order of the bars, left to right top to bottom

**15. How confident are you that you can manage most of your current health problems?**

n=182

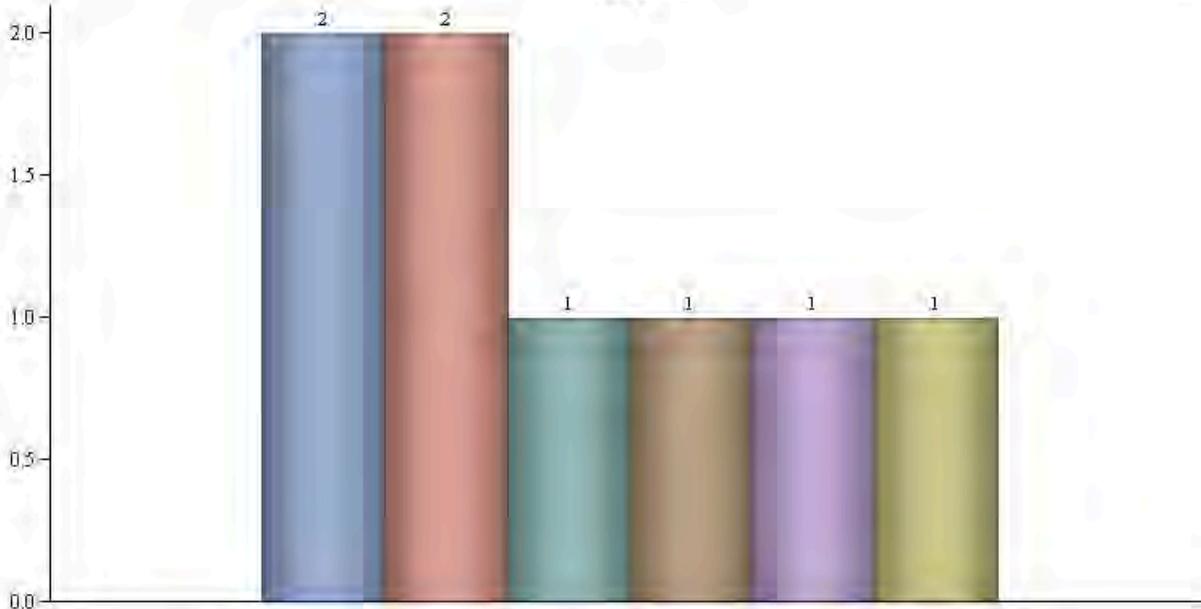


16. Where do you go most often when you are physically sick? (select only one)  
n=180



**16. Where do you go most often when you are physically sick? (Other: Please Specify)**

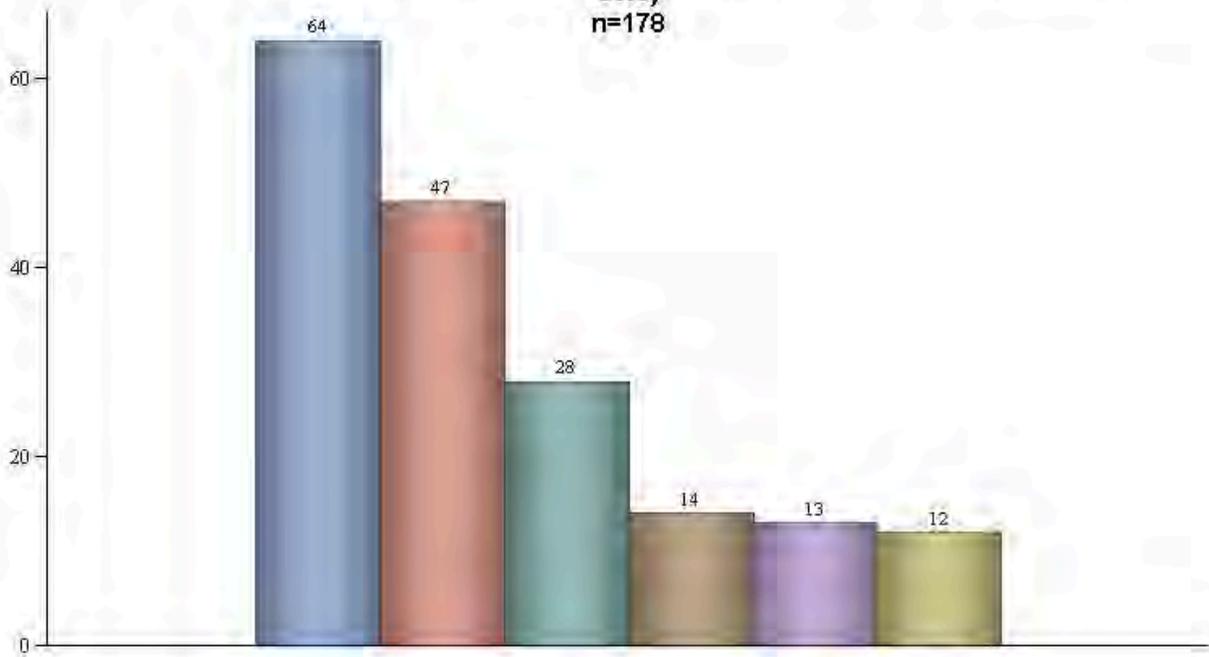
n=8



Responses	
■ Doctor's Office & Urgent Care	■ Doctors Office & Emergency Room
■ Emergency room & urgent care	■ New Hanover Regional Medical Center Clinic
■ Va as well as primary	■ doctor/urgent care/CVS minute clinic

Legend is in order of the bars, left to right top to bottom

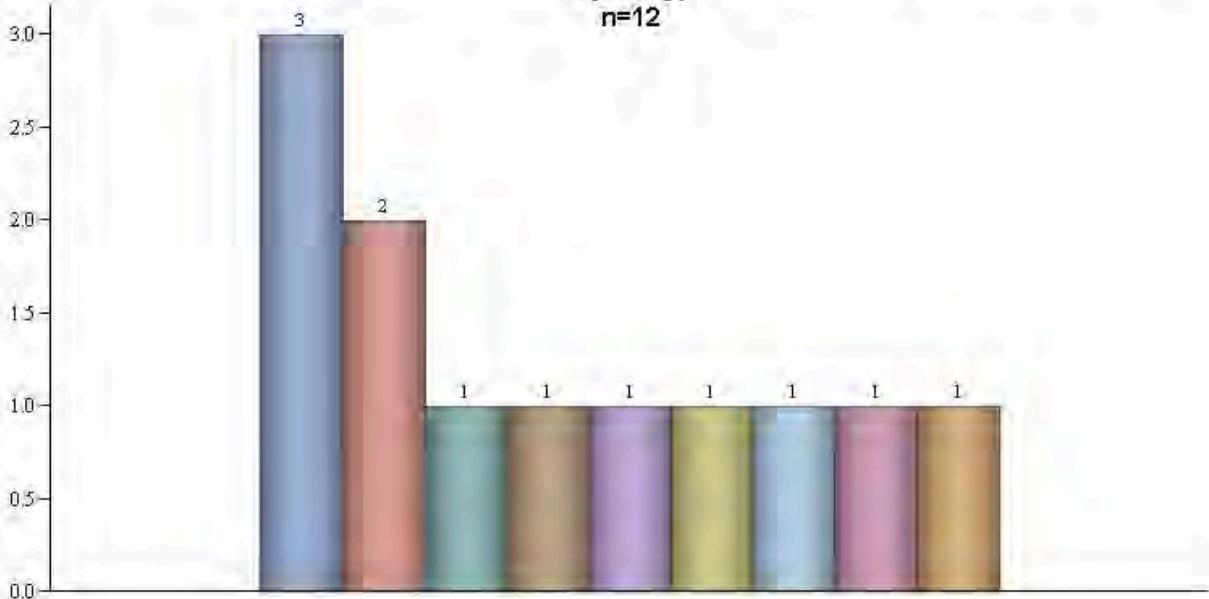
**17. When seeking care, what hospital do you visit first? (select only one)**  
n=178



Responses	
■ New Hanover Regional Medical Center	■ Novant Health Brunswick Medical Center
■ Dasher Memorial Hospital	■ McLeod Sea Coast Hospital
■ Other (please specify)	■ Grand Strand Medical Center

Legend is in order of the bars, left to right top to bottom

**17. When seeking care, what hospital do you visit first? (Other: Please Specify)**  
n=12

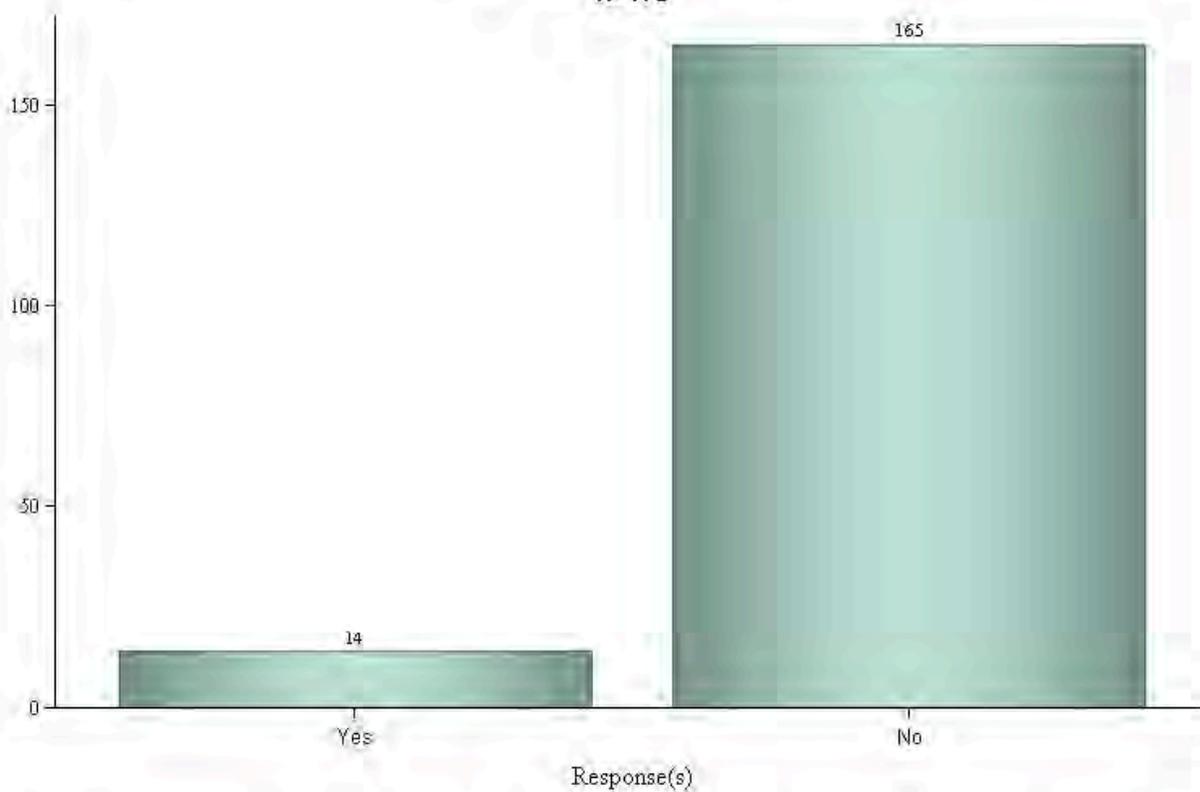


None	Depends what the situation is
Cape Fear Memorial Hospital	Columbus Regional
Doshier & McLeod	Haven't gone
It would depend. For specialist care Duke if it is an emergency - Doshier Hospital	have not sought hospital care

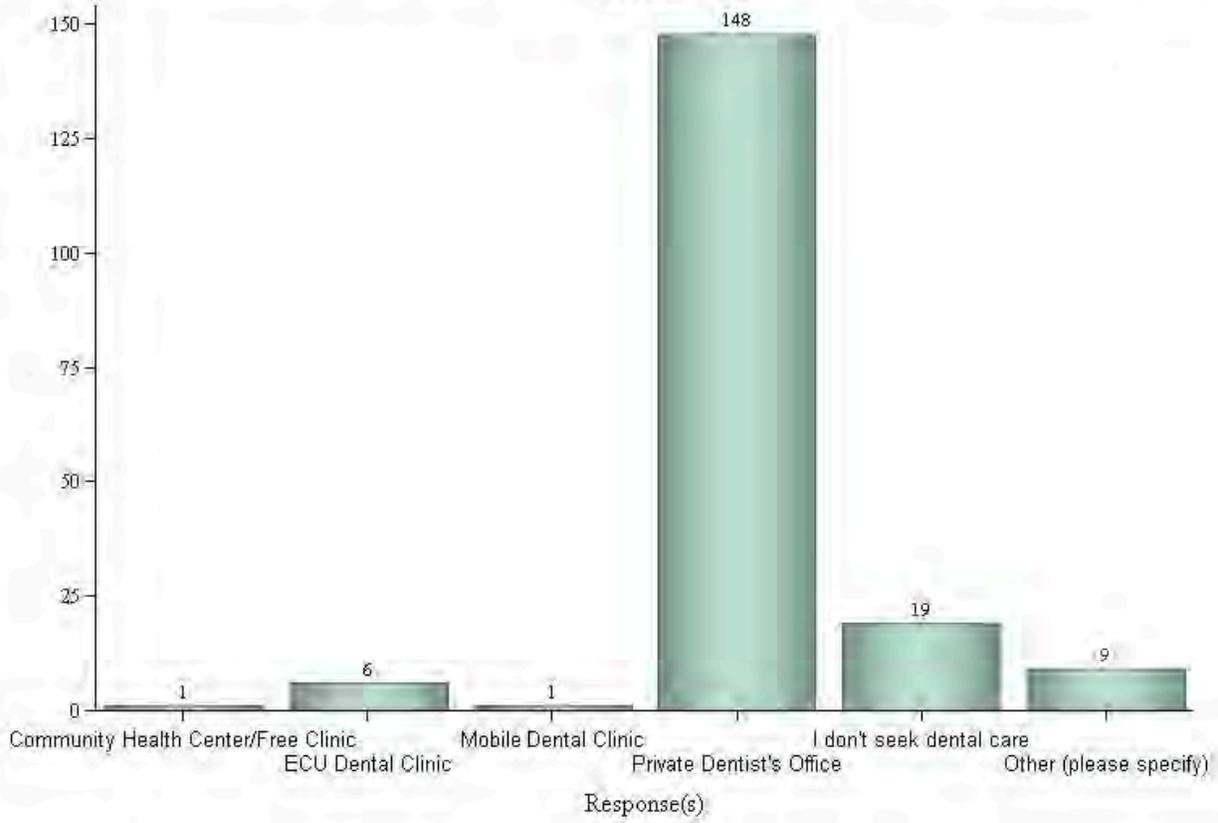
Legend is in order of the bars, left to right top to bottom

**18. In the past 12 months, have you gone to the emergency room with a non-emergency?**

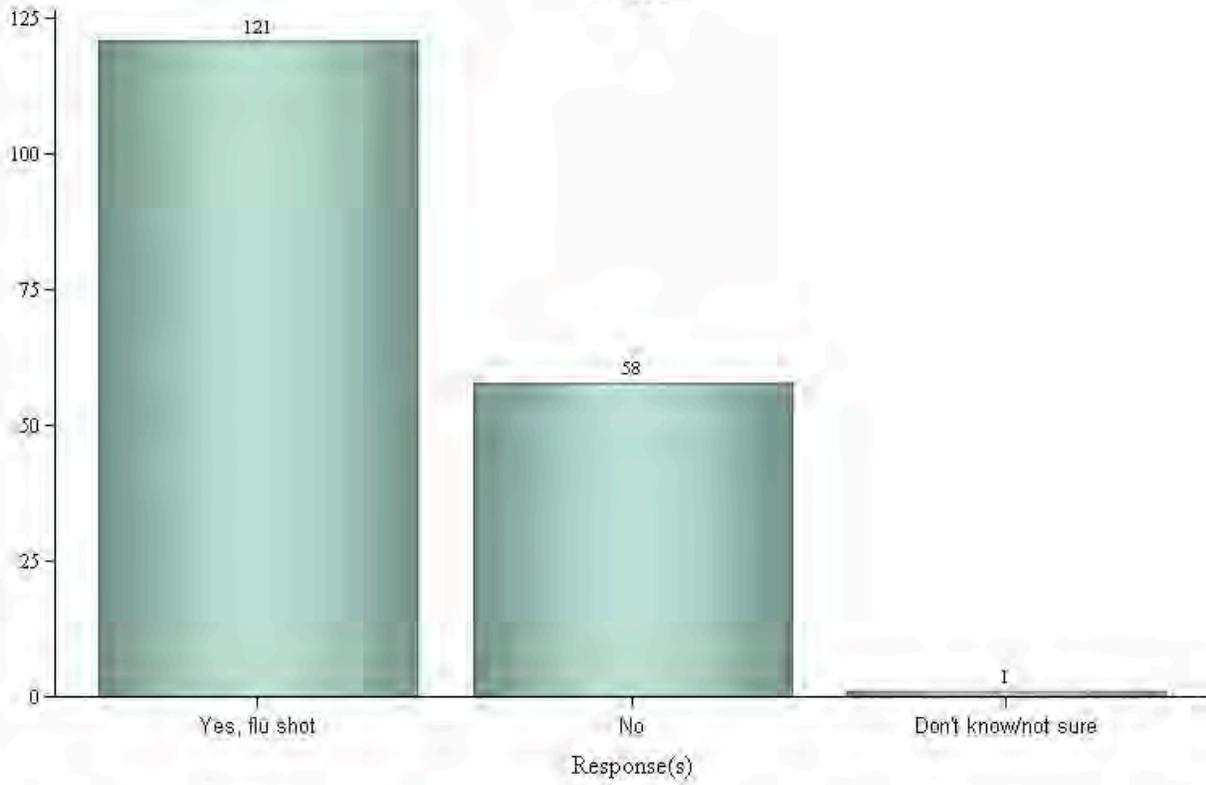
n=179



**19. Where do you go when you need dental care? (select all that apply)**  
n=184

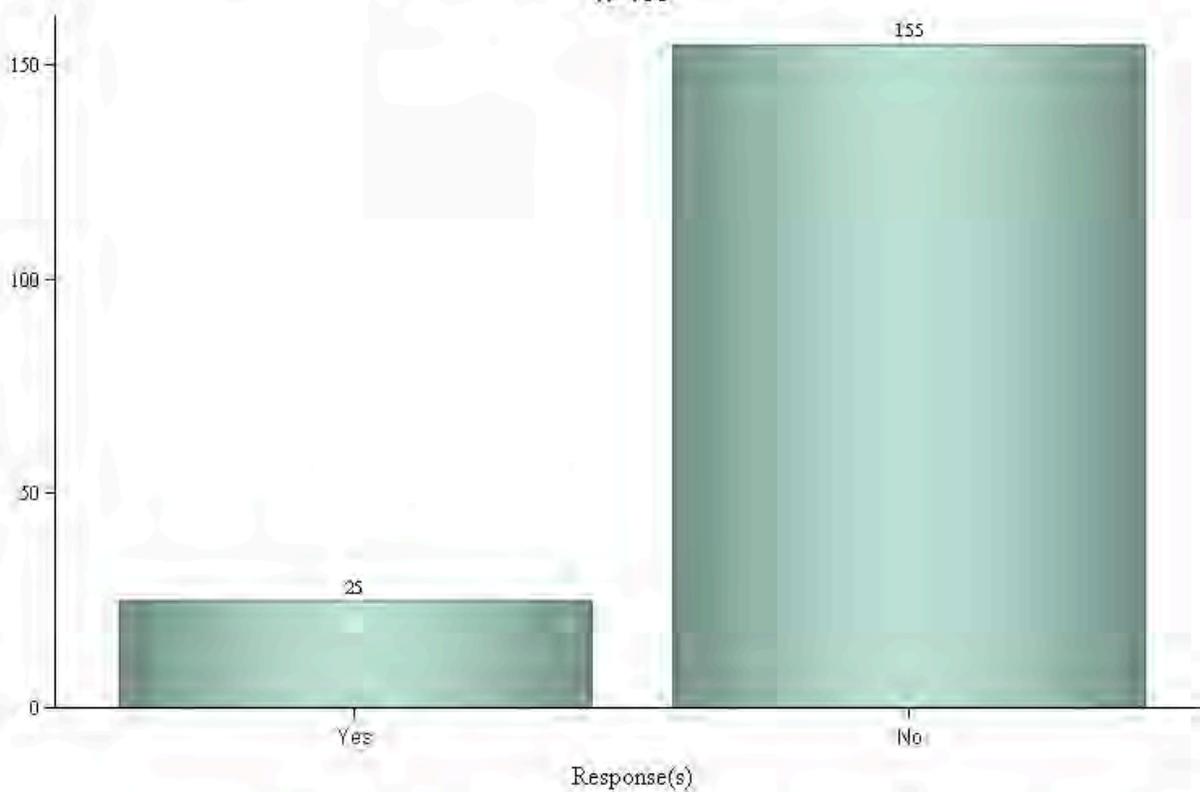


**20. During the past 12 months, have you had a seasonal flu vaccine? (select only one)**  
n=180



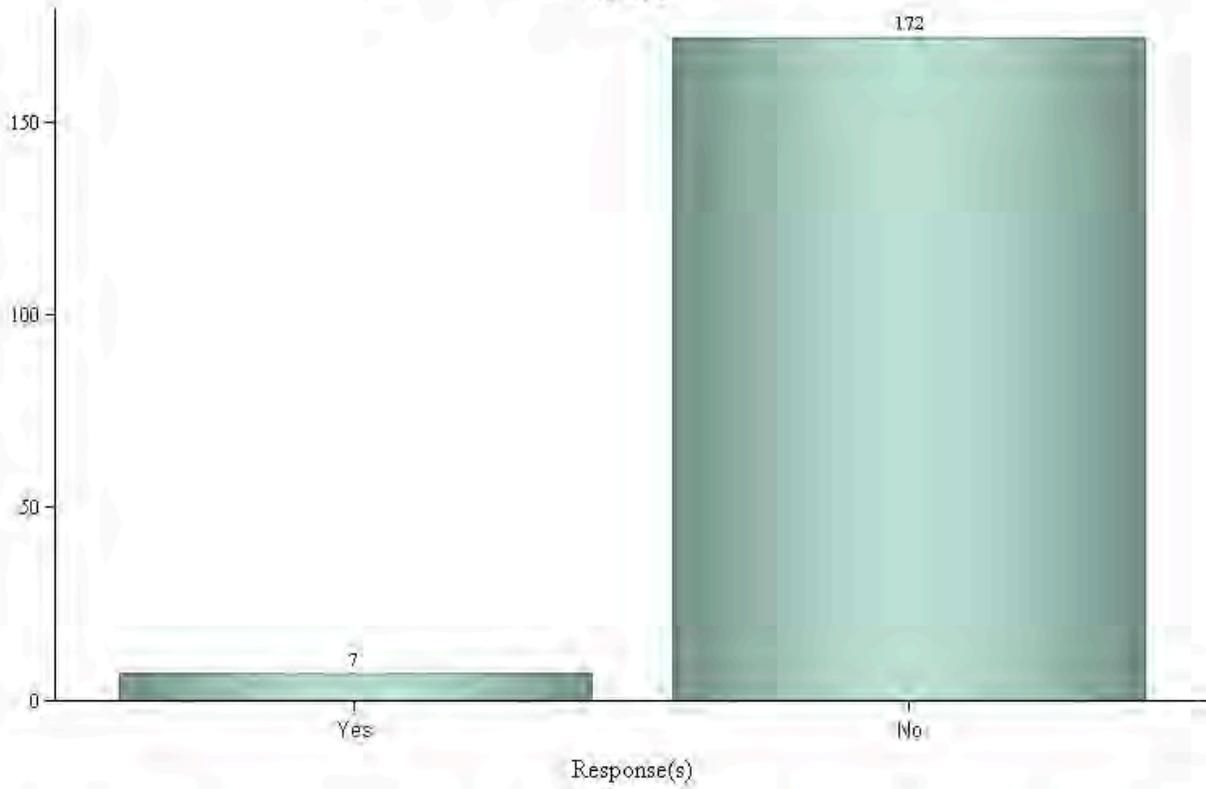
**21. Do you currently use traditional tobacco products such as cigarettes, cigars, chewing tobacco, etc.?**

n=180

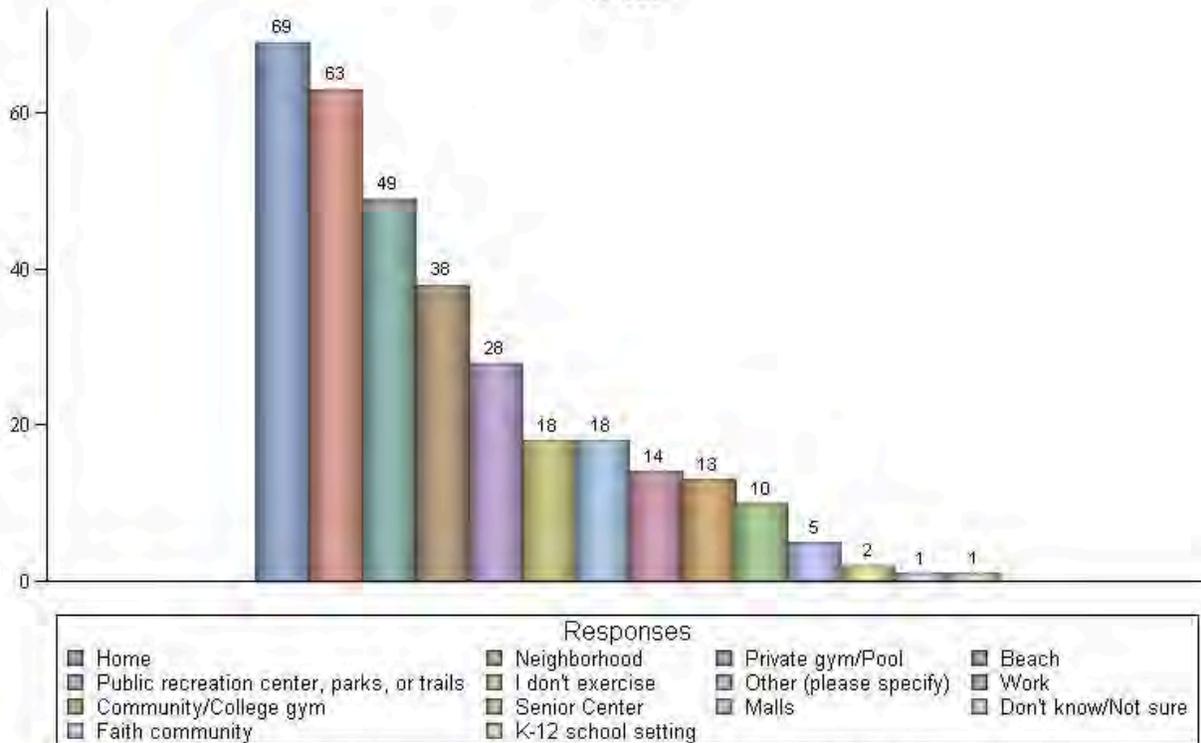


**22. Do you currently use emerging smokeless tobacco products such as e-cigarettes, vape pens, or juuls?**

n=179



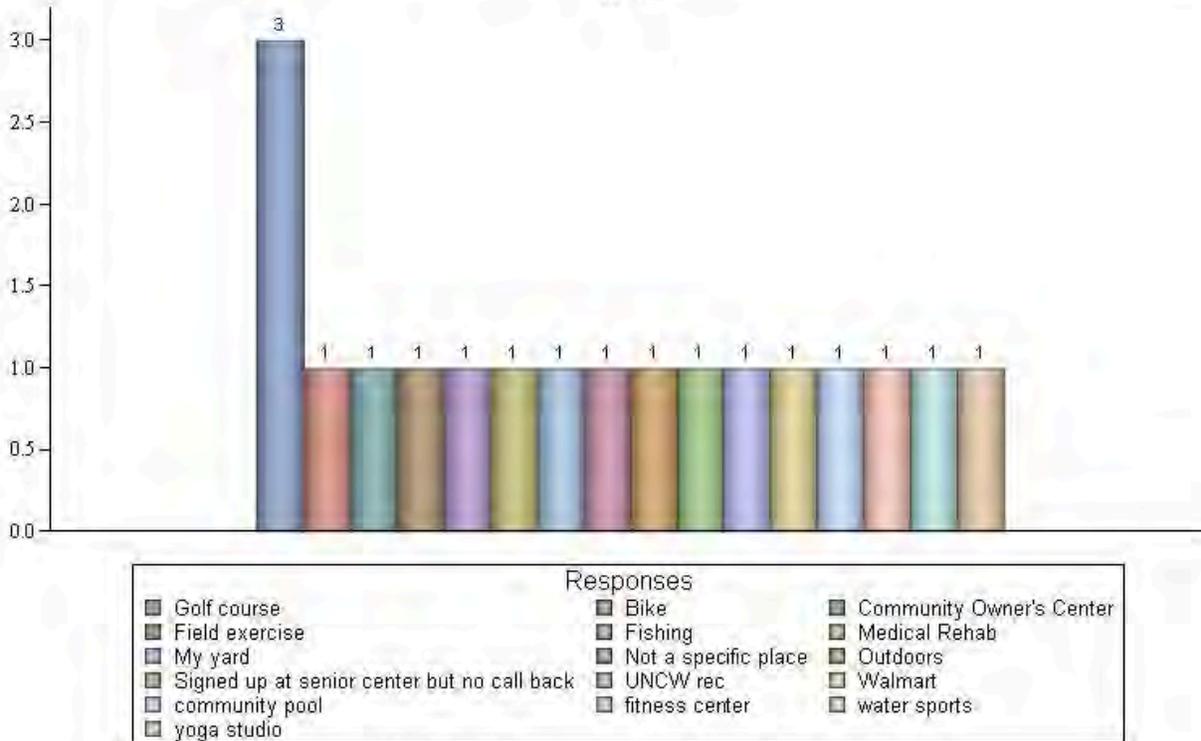
**23. Where do you go to exercise or engage in physical activity? (select all that apply)**  
**n=329**



Legend is in order of the bars, left to right top to bottom

**23. Where do you go to exercise or engage in physical activity? (Other: Please Specify)**

n=18



Legend is in order of the bars, left to right top to bottom

**24. What makes eating healthy meals difficult for you or members of your household? (select all that apply)**

n=221



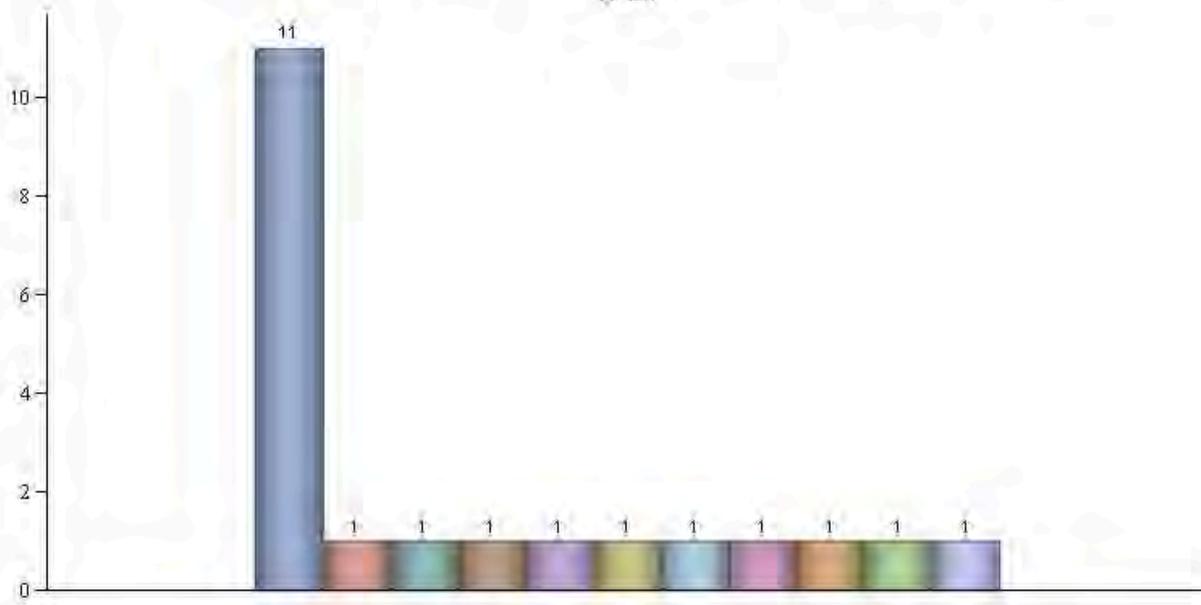
Responses

- 1/We do not have difficulty eating healthy meals
- 2/Healthy foods cost too much
- 3/It is hard to find healthy food options when going out to eat
- 4/Other (please specify)
- 5/It takes too much time to prepare healthy foods
- 6/We do not know how to prepare food in a healthy way
- 7/Healthy food does not taste good
- 8/We have dental problems that make eating/chewing food difficult
- 9/Nobody else in my family/household would eat healthy foods
- 10/It takes too much time to shop for healthy foods
- 11/There are no options to buy healthy foods near my/our home
- 12/We do not have the kitchen appliances to store/cook food, or utensils to prepare food

Legend is in order of the bars, left to right top to bottom

**24. What makes eating healthy meals difficult for you or members of your household? (Other: Please Specify)**

n=21

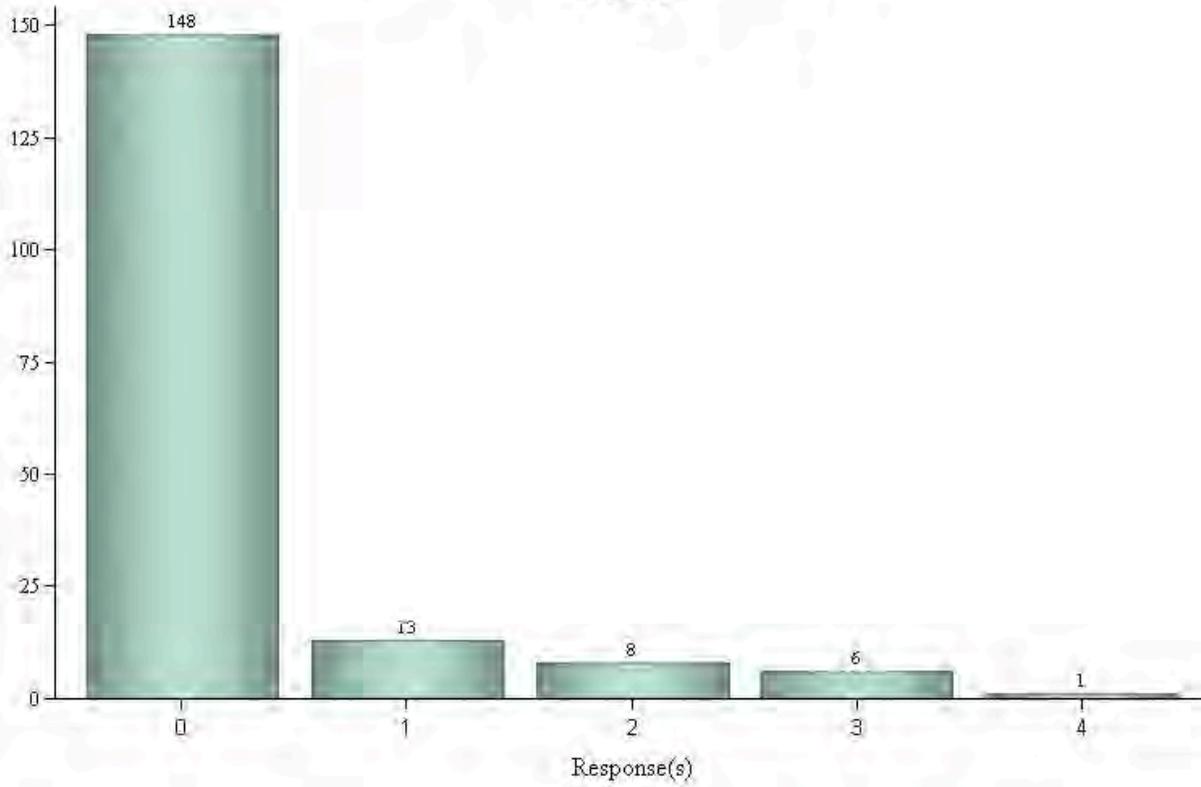


Responses		
None of the above	I like junk food	I try to stay informed and eat healthy
No appetite	Takes too much time	enjoy comfort food
lack of appetite	motivation	my choice
need more places to buy organic and natural food	work	

Legend is in order of the bars, left to right top to bottom

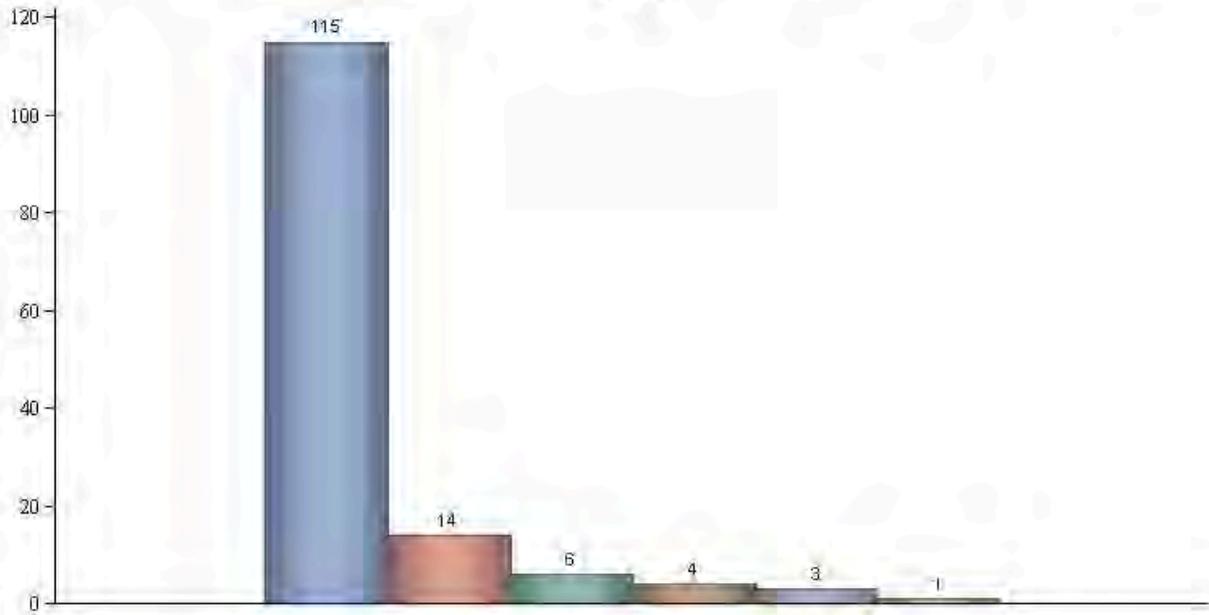
25. How many children under the age of 18 live in your home at least half of the year? (circle only one)

n=176



**26. For the child/children aged 12 and under in your household, what type of childcare are you using? (select all that apply)**

n=143

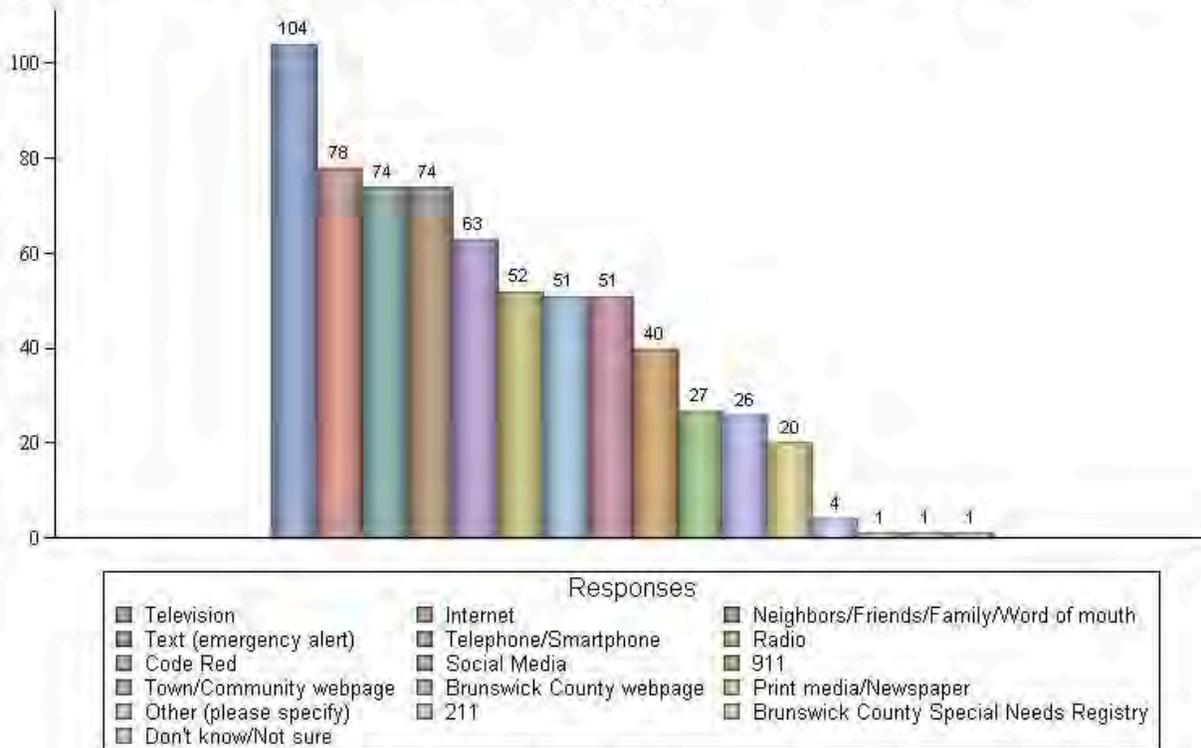


Responses	
Does not apply, I don't have a child/children aged 12 and under	I don't use childcare
Private, licensed childcare center/family childcare home	Other (please specify)
Cared for by family members or friends	Licensed faith-based program

Legend is in order of the bars, left to right top to bottom

**27. What would be your main way of getting information from authorities in a large-scale disaster or emergency? (select all that apply)**

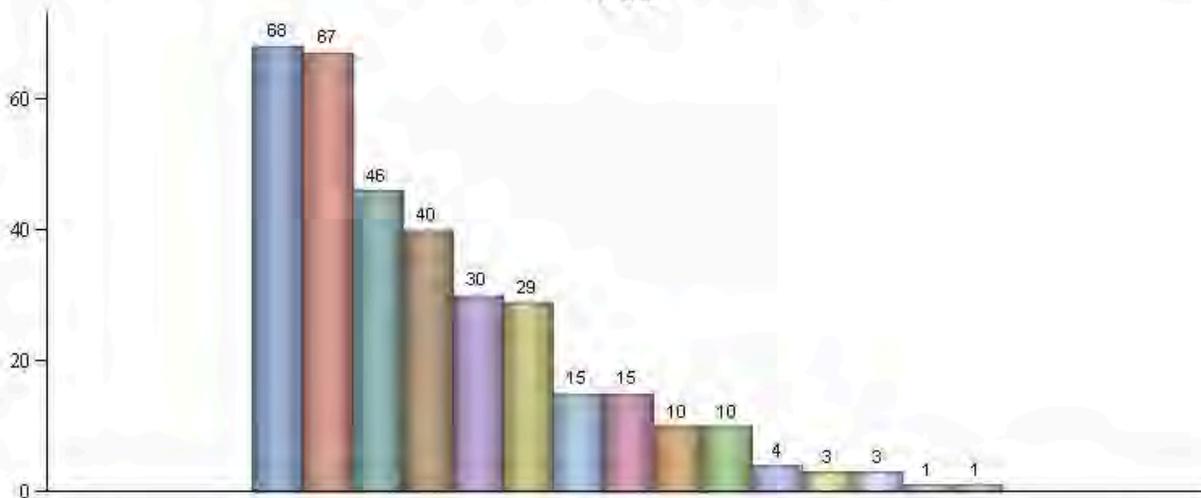
n=667



Legend is in order of the bars, left to right top to bottom

**28. What would be the top three reasons you might not evacuated if asked to do so? (select your top three)**

n=342

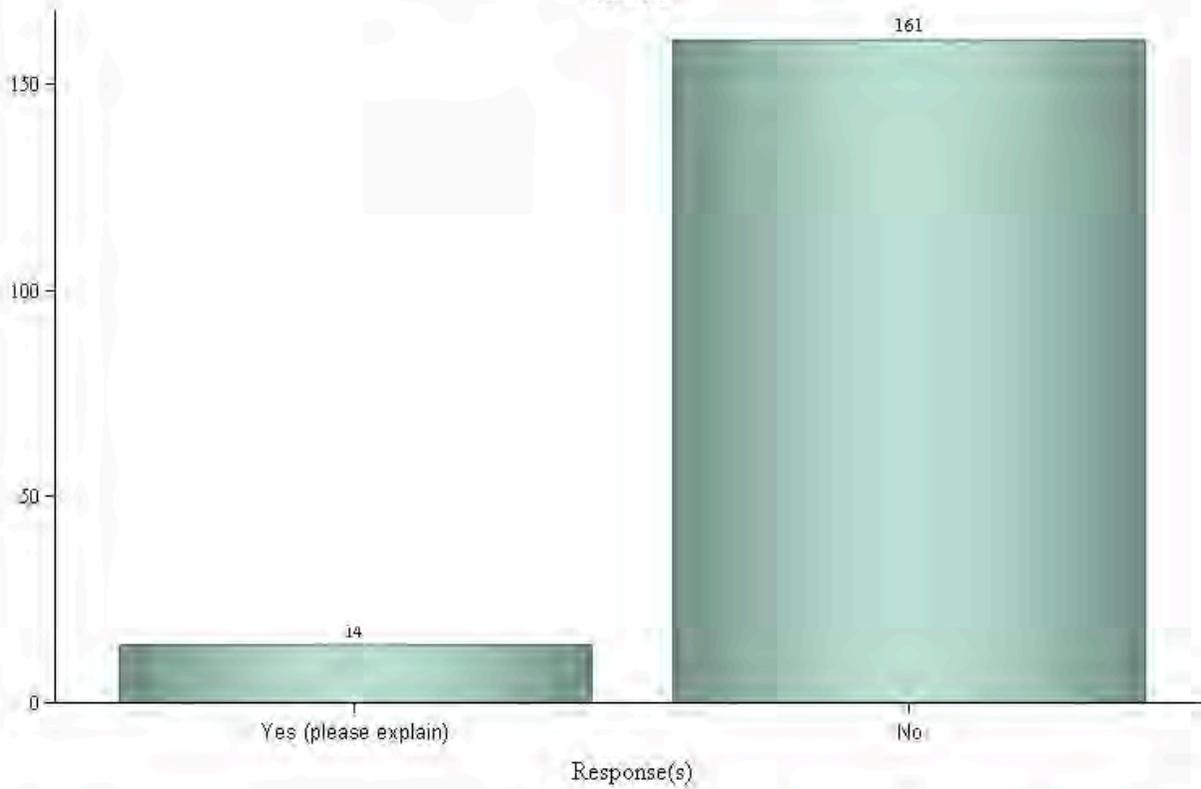


- Responses**
- Not applicable, I would evacuate
  - Concern about leaving property behind
  - Concern about traffic jams and inability to get out
  - Concern about family safety
  - Health problems of self or others make it hard or impossible
  - Don't know/Unsure
  - Other (please specify)
  - I have prepared my home for emergencies and feel
  - Concern about not being able to get back
  - Concern about leaving pets
  - I feel my house is the safest place to be
  - Money/Financial concerns
  - No place to go
  - Lack of transportation
  - I have prepared my home for emergen

Legend is in order of the bars, left to right top to bottom

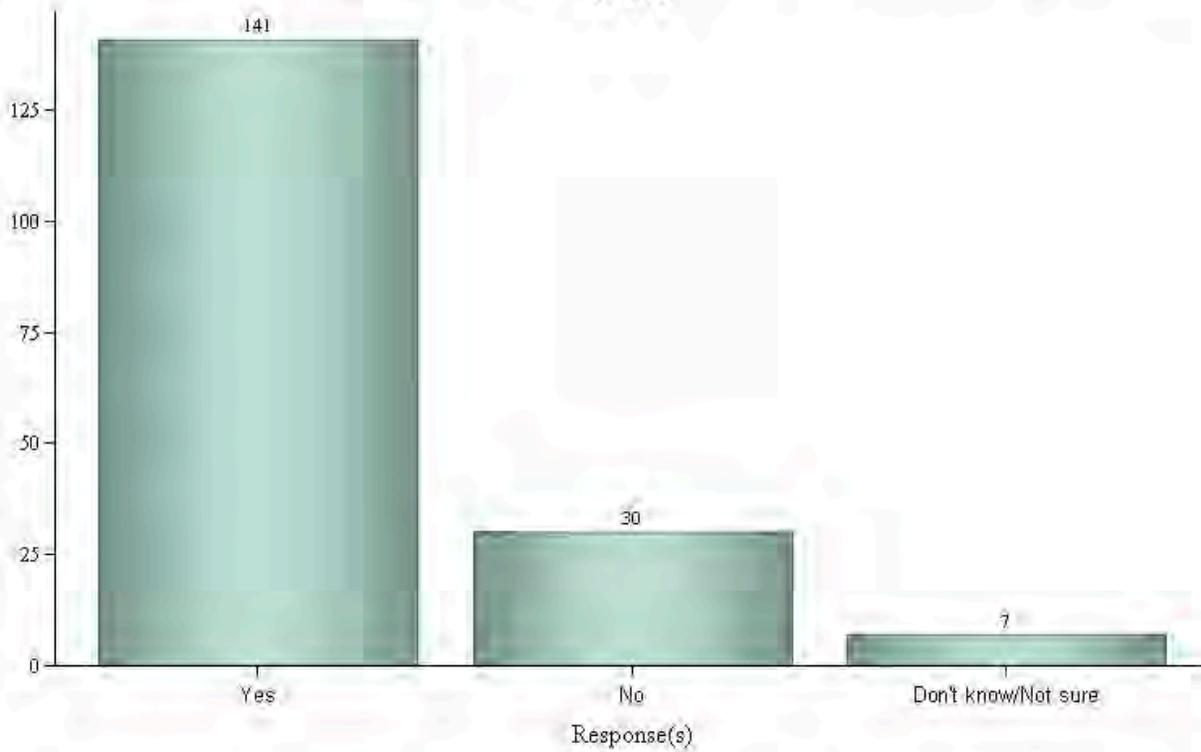
**29. Is there anyone living in your home that would require special assistance during an emergency?**

n=175



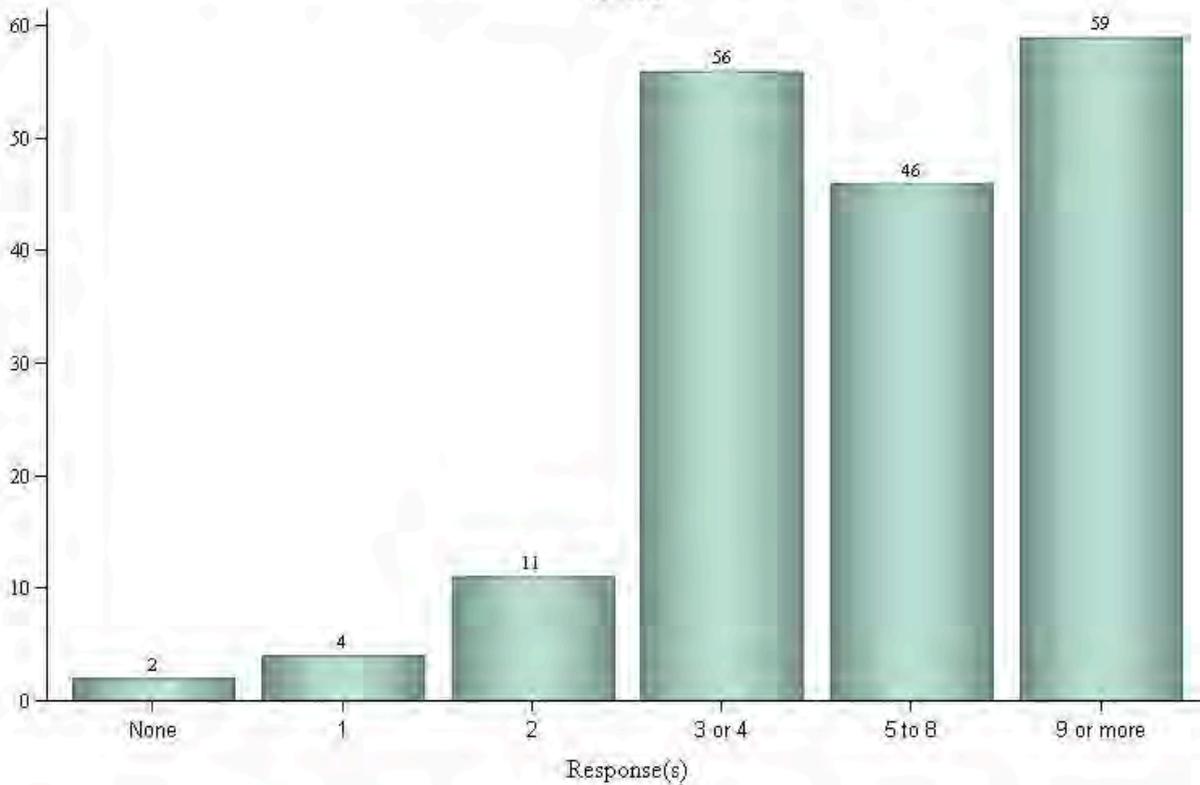
**30. Does your household have a basic emergency supply kit? (These kits include water, non-perishable food, necessary prescriptions, first aid supplies, flashlights & batteries, non-electric can opener, blanket, etc.)**

n=178



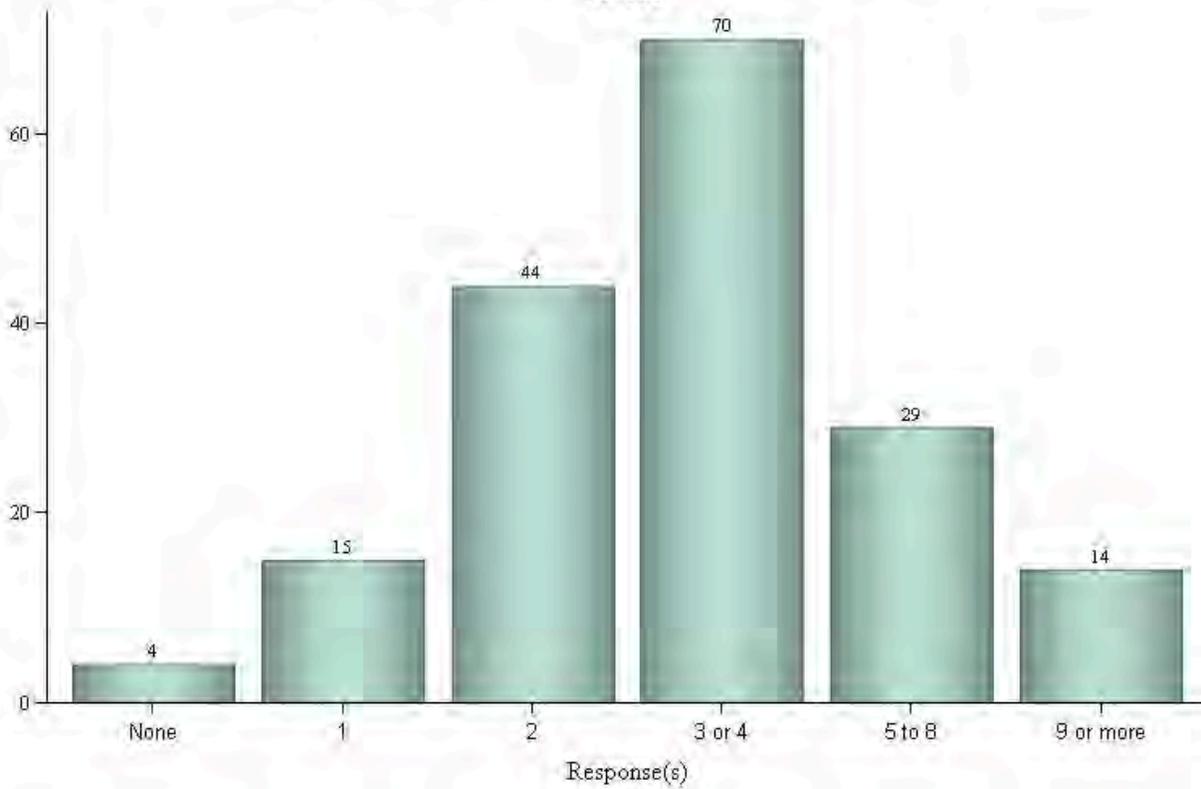
**31. How many relatives and/or friends do you see or hear from at least once a month? (select one answer)**

n=178



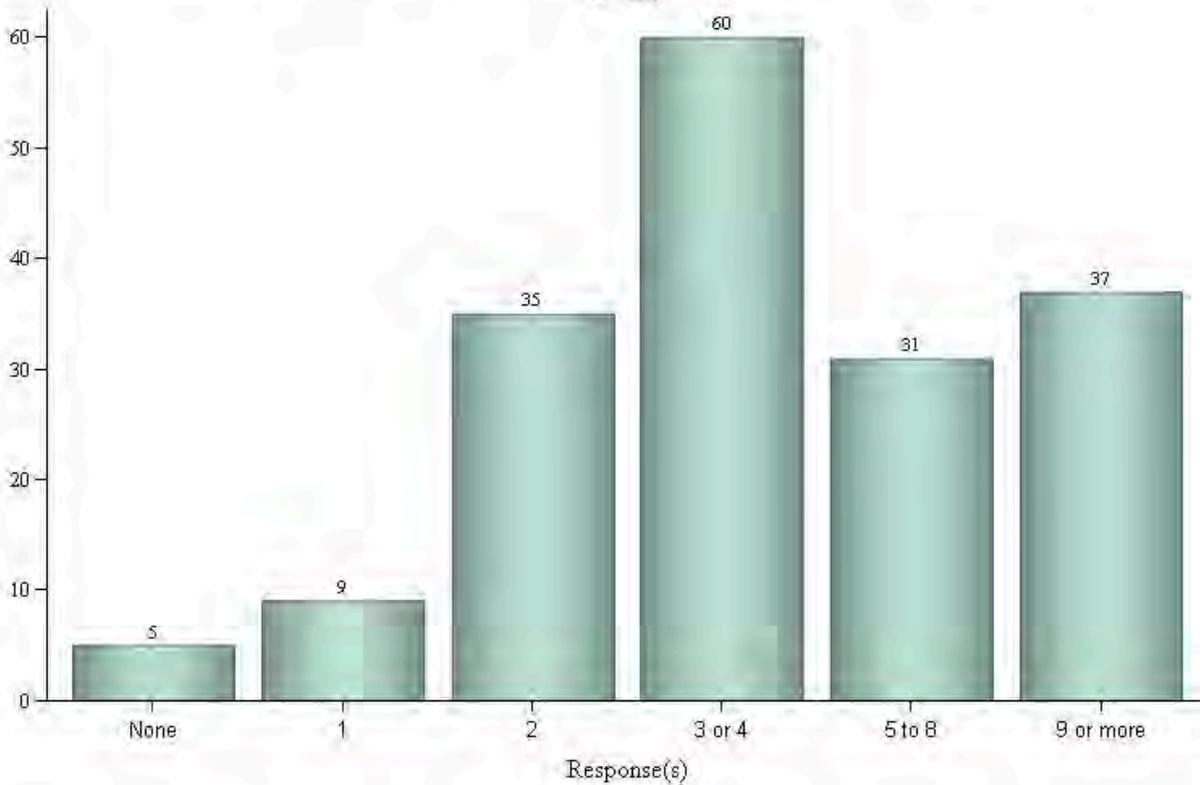
**32. How many relatives and/or friends do you feel at ease with that you can talk about private matters? (select one answer)**

n=176



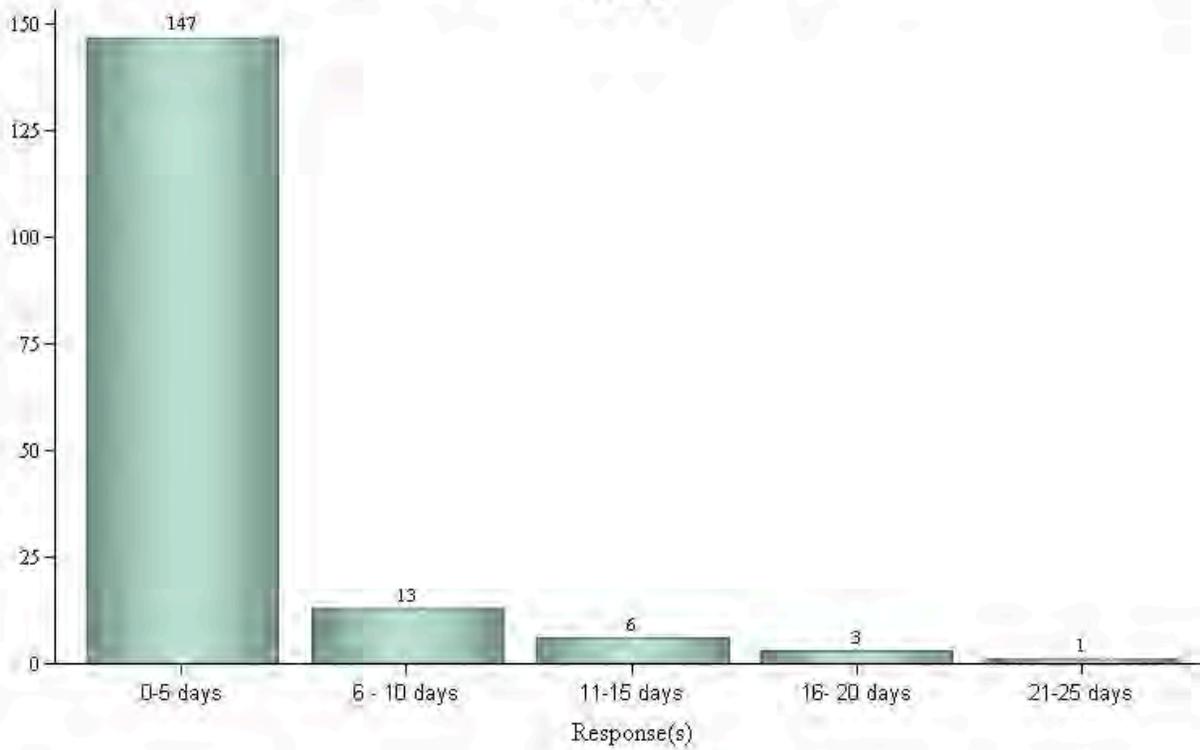
**33. How many relatives and/or friends do you feel close to such that you would call on them for help? (select one answer)**

n=177



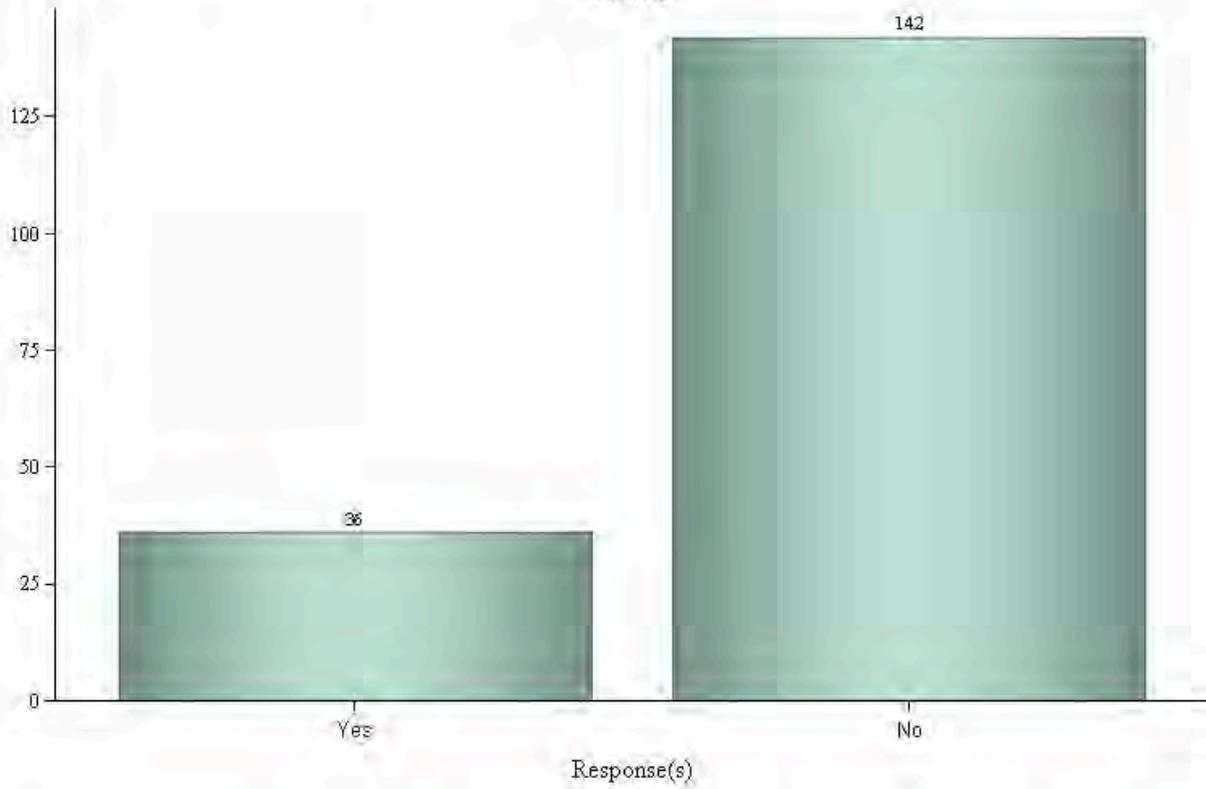
**34. Thinking about your mental health, which includes stress, depressions, anxiety, and problems with emotions, for how many days during the past 30 days was your mental health not good?**

n=170



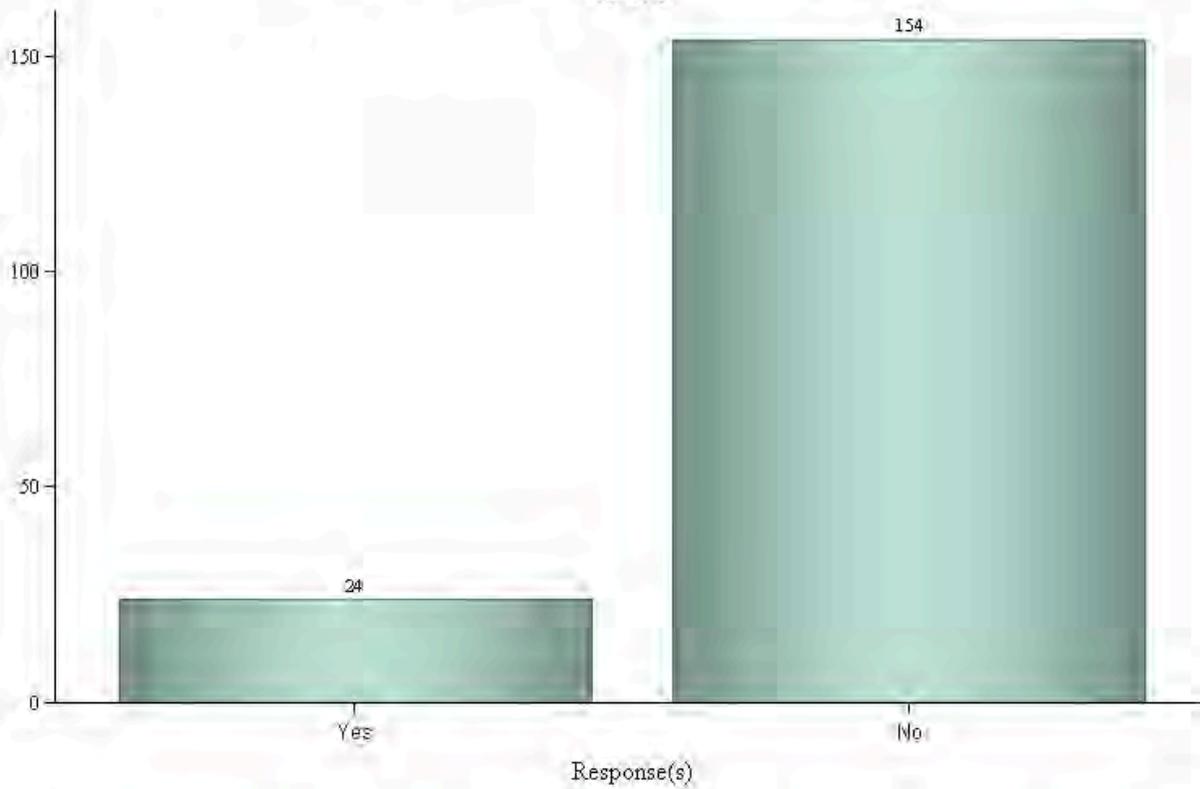
**35. Has a doctor or other health professional ever given you a mental health diagnosis?**

n=178



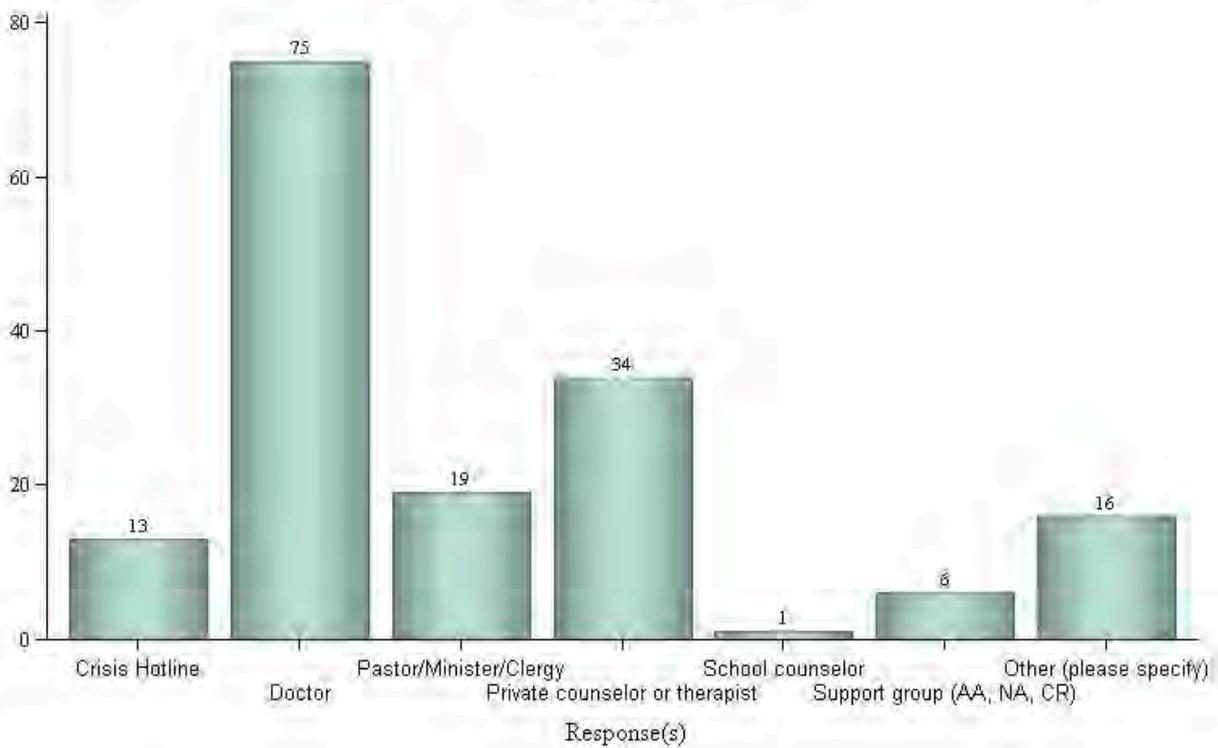
**36. In the past 30 days, have there been any days when feeling sad or worries kept you from going about your normal activities?**

n=178



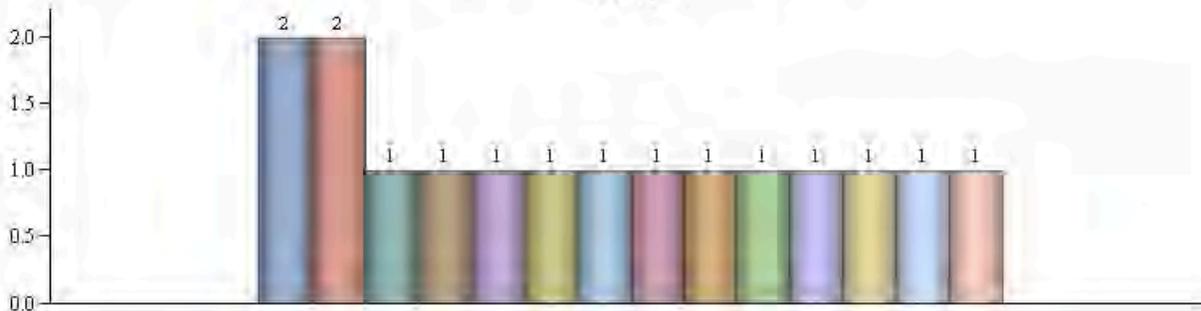
**37. If a friend or family member needed counseling for a mental health or drug/alcohol abuse problem, who is the first person you would tell them to talk to? (select only one)**

n=164



**37. If a friend or family member needed counseling for a mental health or drug/alcohol abuse problem, who is the first person you would tell them to talk to? (Other: Please Specify)**

n=16

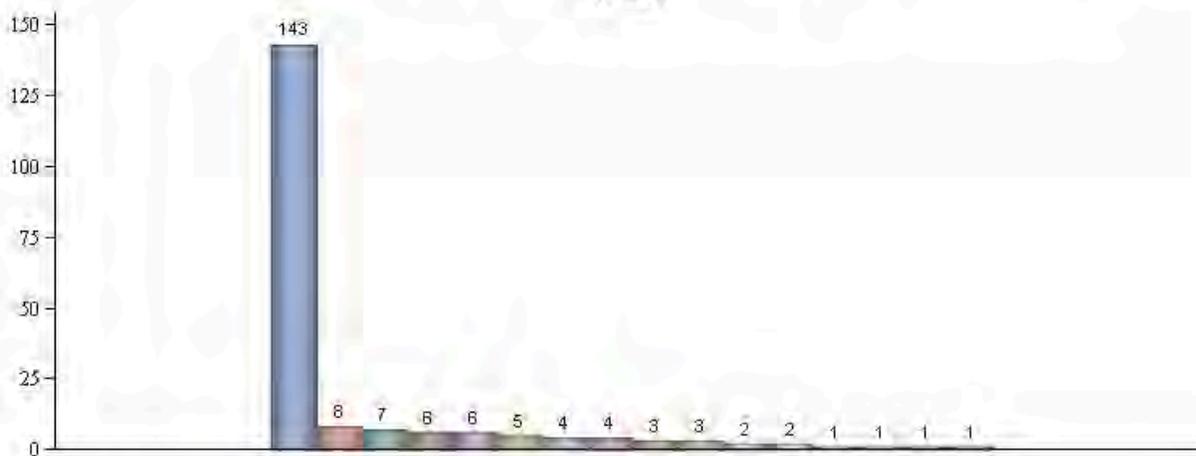


- Responses
- Myself
  - pastor and private counselor
  - Anyone/someone
  - Close friend or family
  - Crisis Hotline, Doctor & Private Counselor or therapist
  - Depend on situation
  - Depends on person
  - Depends on problem
  - Doctor, Pastor/Minister/Clergy, Private Counselor or therapist/ school counselor
  - Dr phil
  - Rehabilitation center
  - SAMHSA
  - doctor and pastor
  - not qualified to give mental health recommendations

Legend is in order of the bars, left to right top to bottom

**38. In the past 12 months, what prevented you and/or members of your household from getting necessary mental health care or substance use treatment? (select all that apply)**

n=197

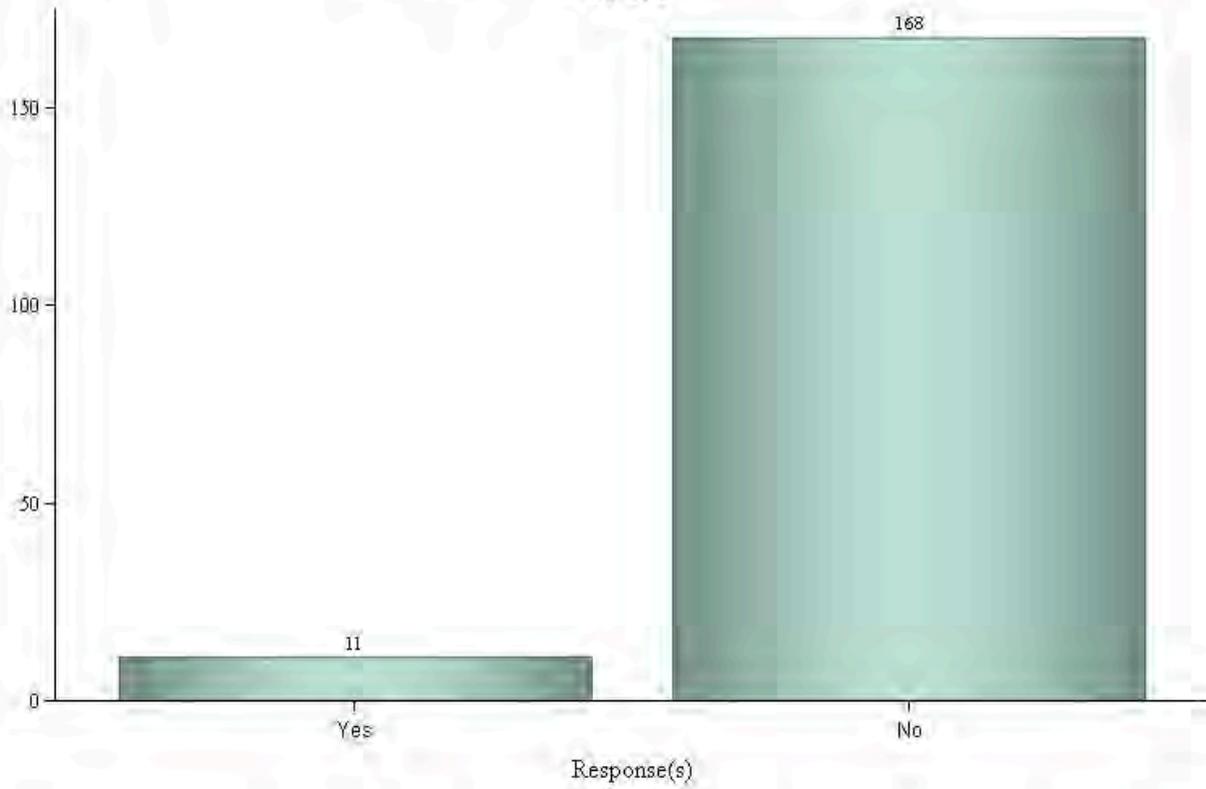


Responses	
<input type="checkbox"/> Does not apply	<input type="checkbox"/> Other (please specify)
<input type="checkbox"/> No health insurance	<input type="checkbox"/> Insurance does not cover what I/we need
<input type="checkbox"/> Share of the cost (deductible/co-pay) was too high	<input type="checkbox"/> Need appointment hours outside of 8:00am - 5:00pm
<input type="checkbox"/> Don't know where to go	<input type="checkbox"/> The wait is too long at provider's office
<input type="checkbox"/> No way to get there	<input type="checkbox"/> Not ready to face health problem
<input type="checkbox"/> Didn't believe it would help	<input type="checkbox"/> Provider is too far away
<input type="checkbox"/> Culture/Health beliefs	<input type="checkbox"/> Lack of childcare
<input type="checkbox"/> No providers are available	<input type="checkbox"/> Provider will not take my/our insurance

Legend is in order of the bars, left to right top to bottom

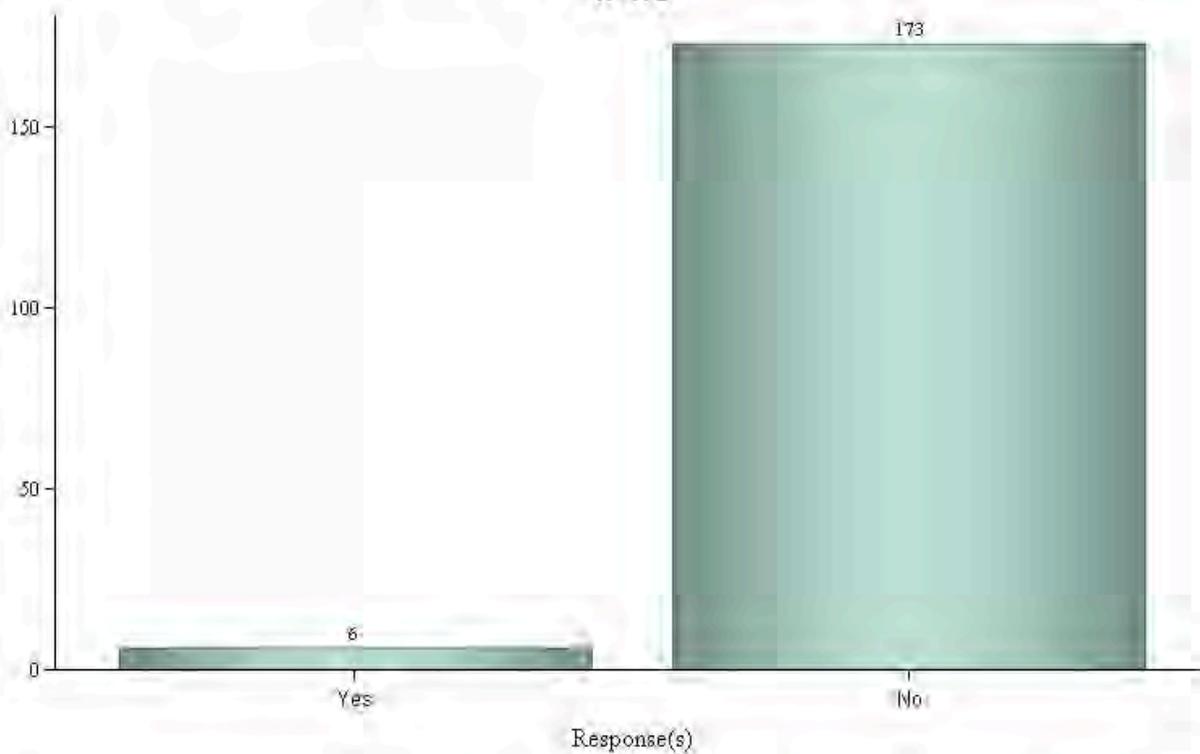
**39. Within the past 12 months, did you worry that your food would run out before you got money to buy more?**

n=179



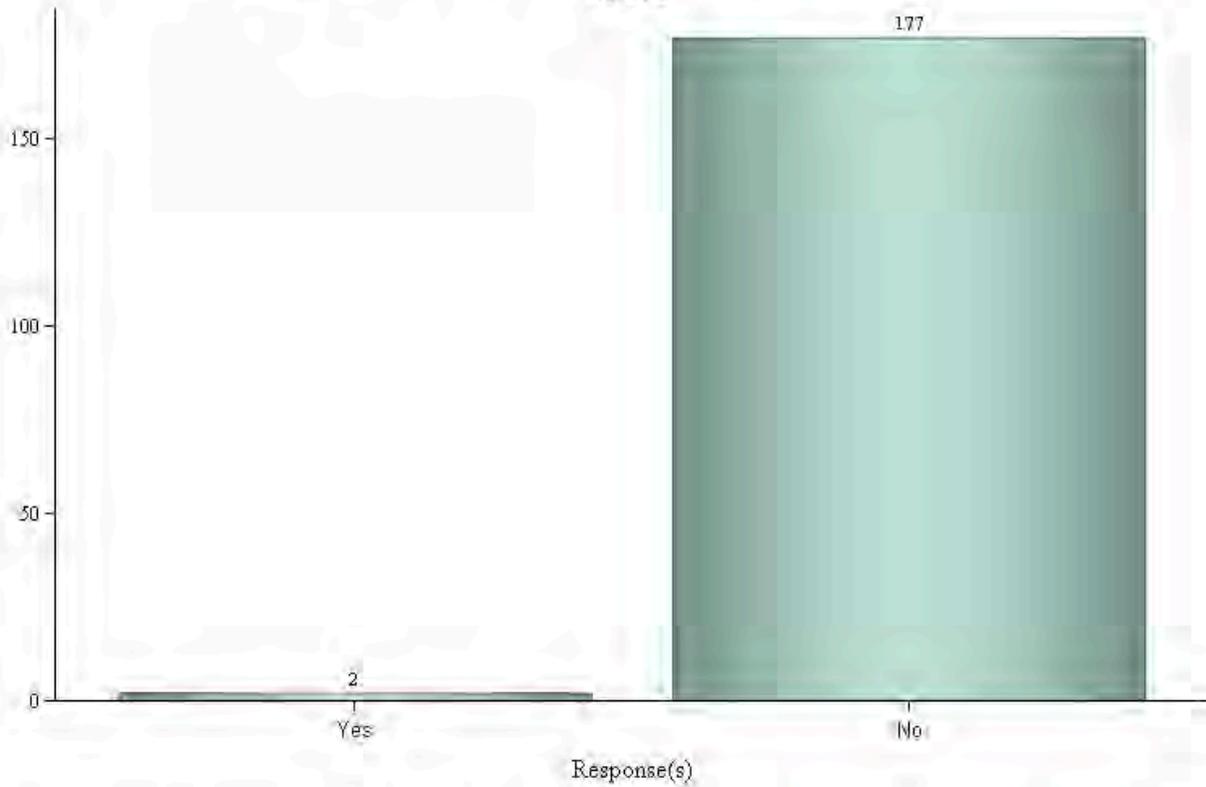
**40. Within the past 12 months, has lack of reliable or affordable transportation kept you from medical appointments, getting medicines, non-medical meetings or appointments, work, or from getting things that you need?**

n=179



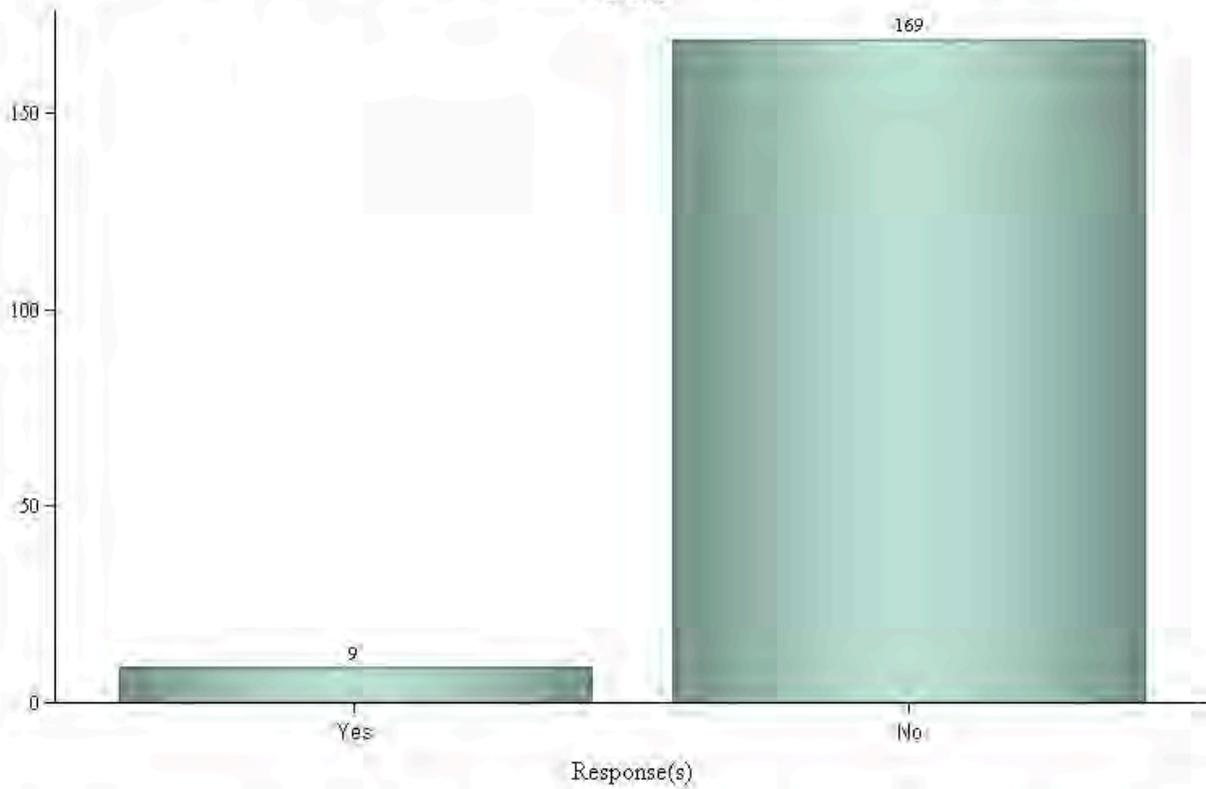
**41. Within the past 12 months have you intentionally been hit, slapped, kicked or otherwise physically hurt by someone?**

n=179

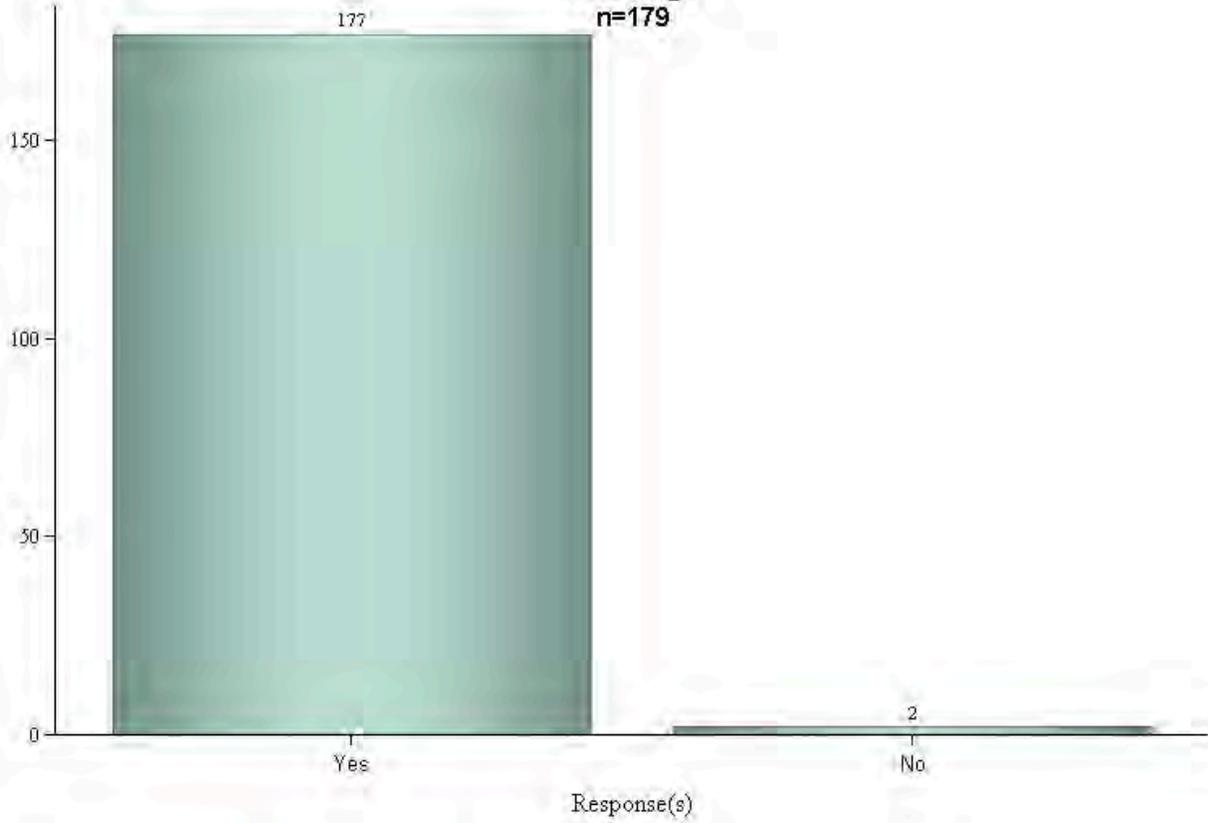


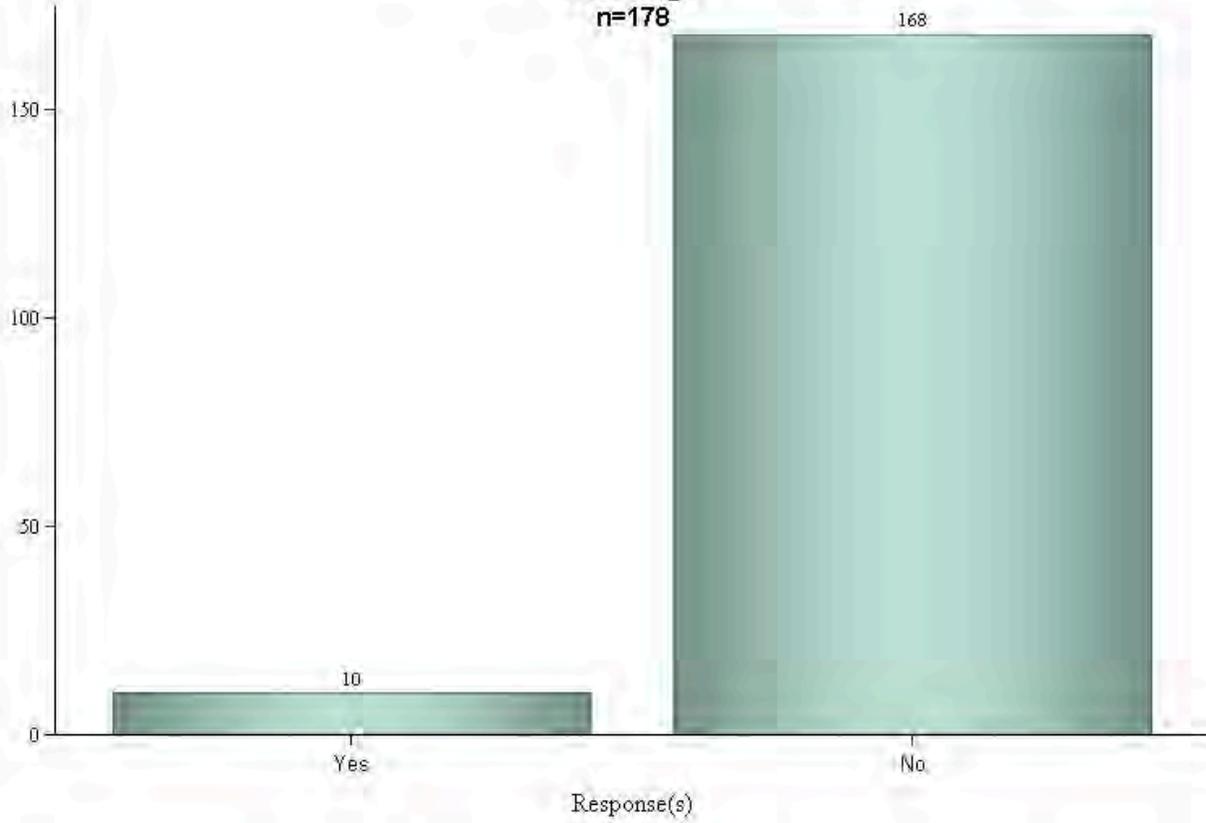
**42. Within the past 12 months, have you been humiliated, yelled at, insulted, put down or emotionally abused in other ways by your partner or ex-partner?**

n=178



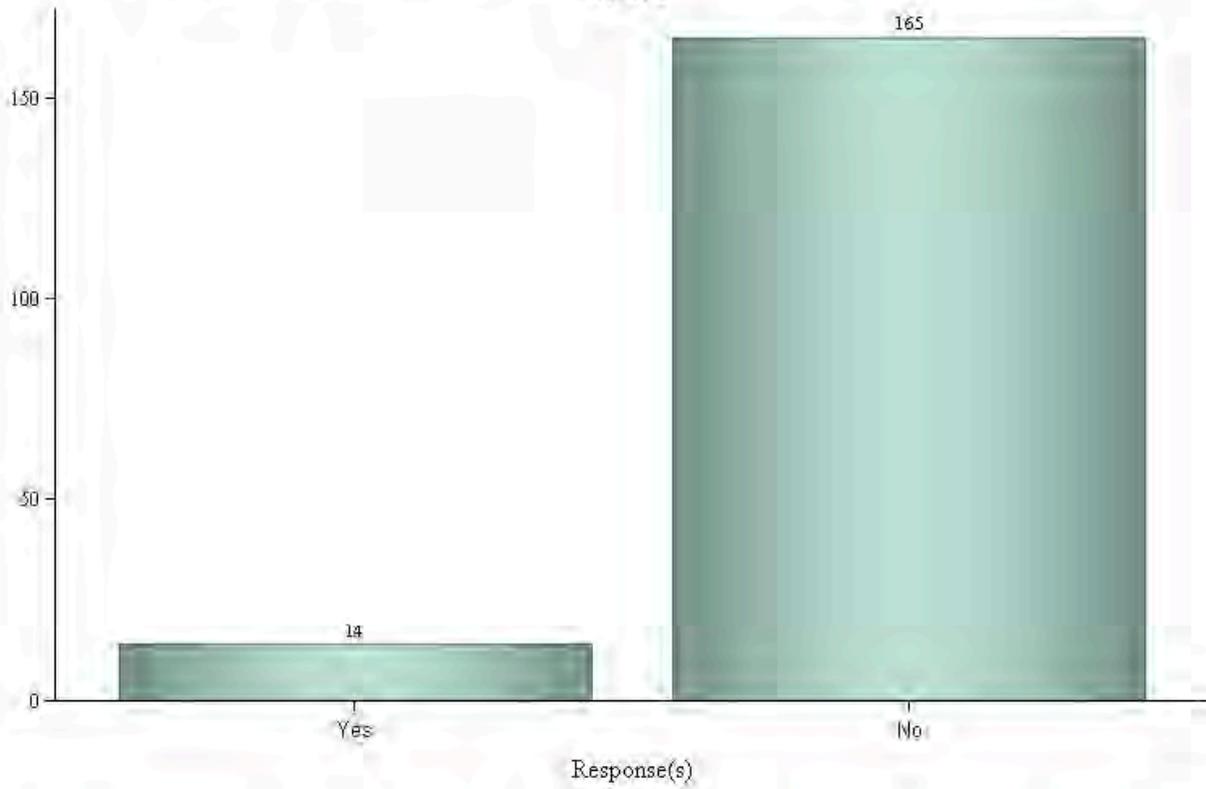
**43. Do you have housing?**  
n=179



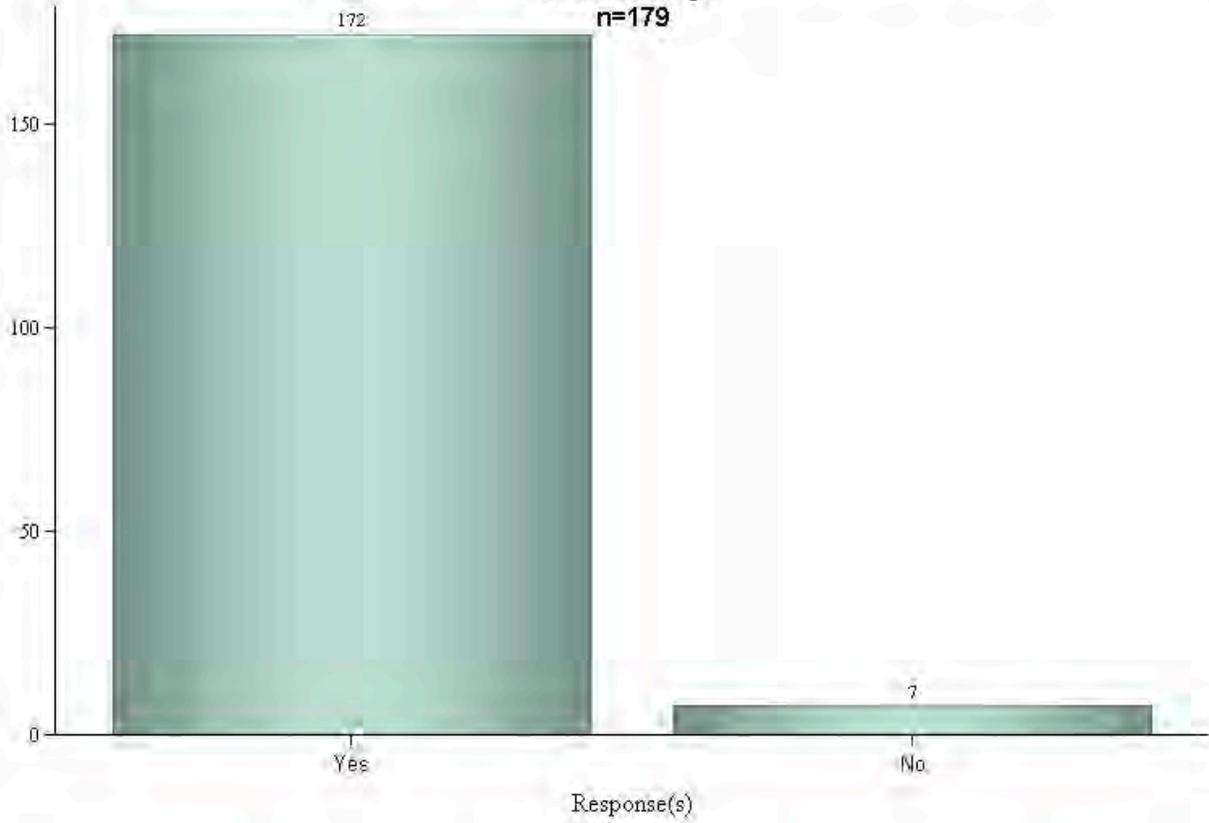
**44. Are you worried about losing your housing?**

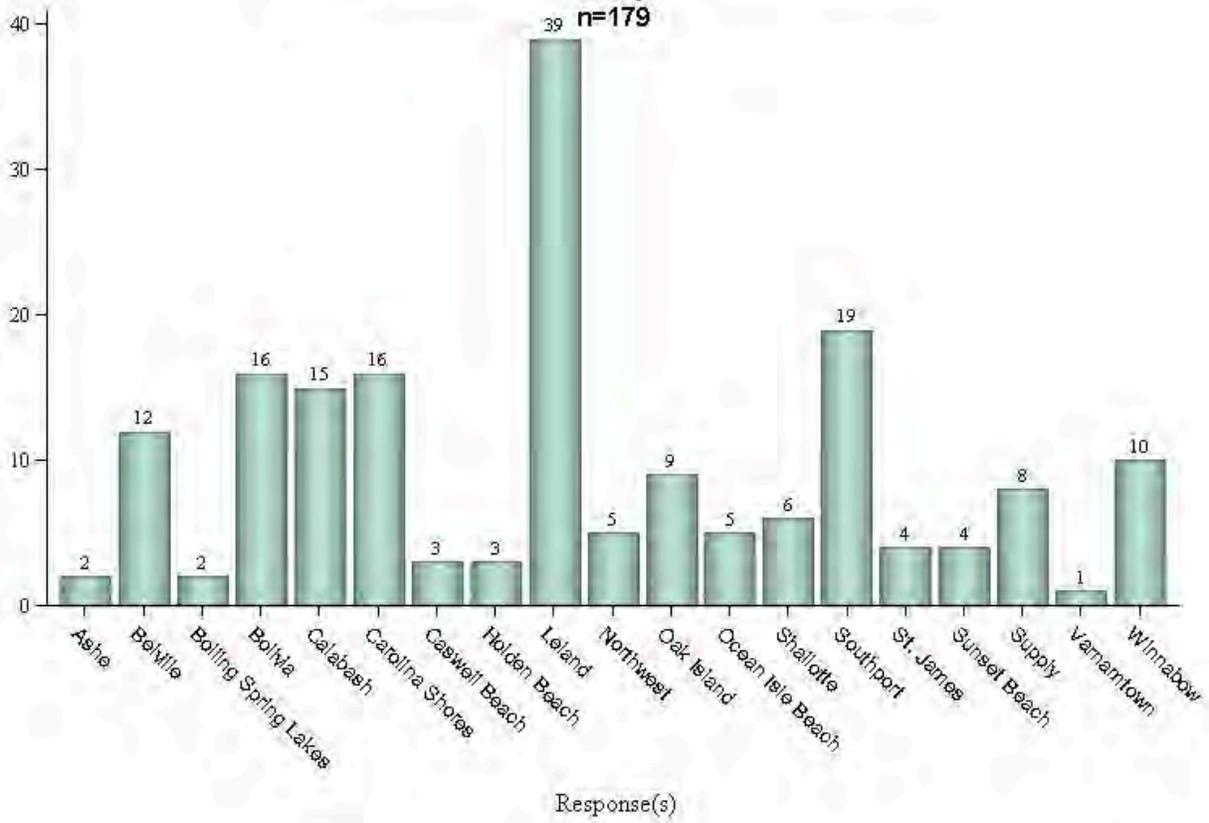
**45. Within the past 12 months, have you or members of your household been unable to get utilities (heat, electricity) when it was really needed?**

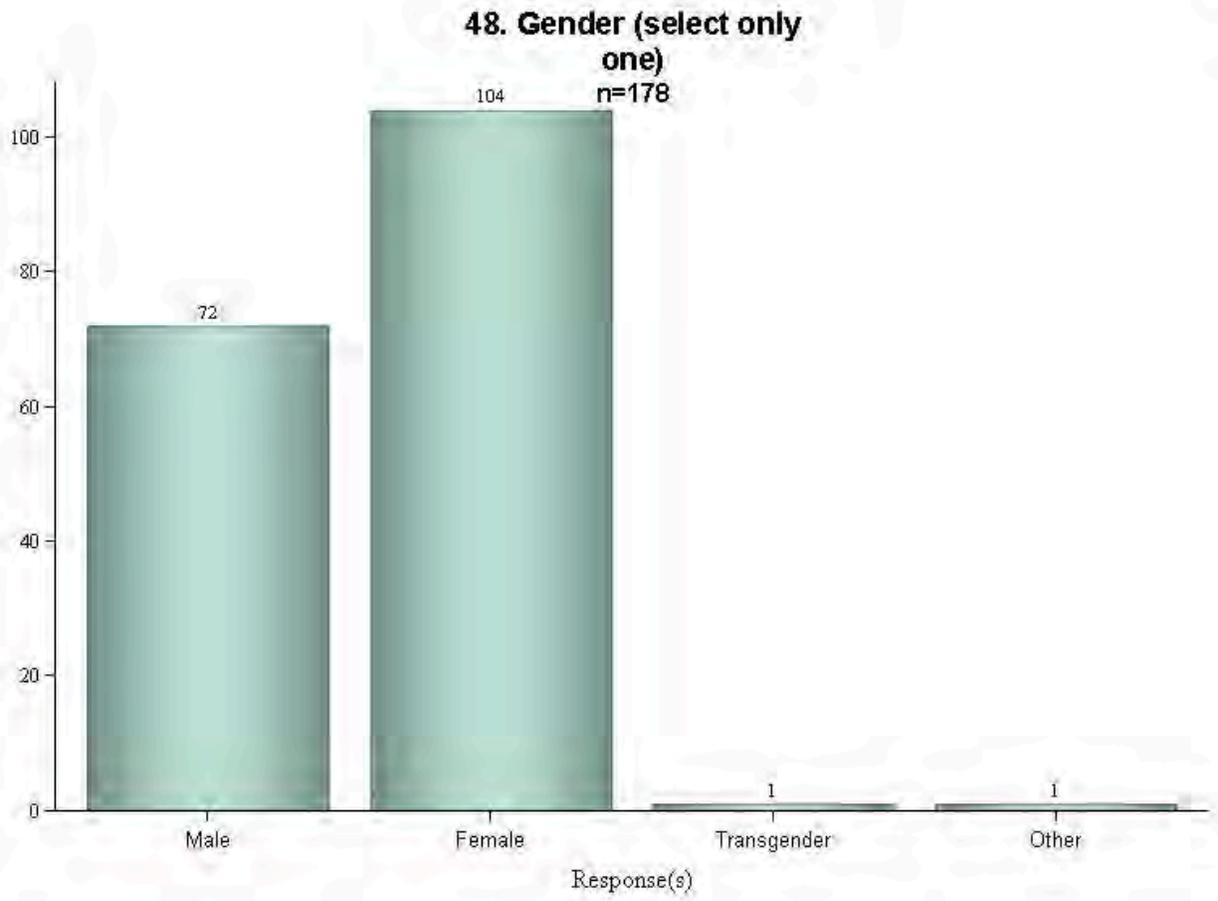
n=179



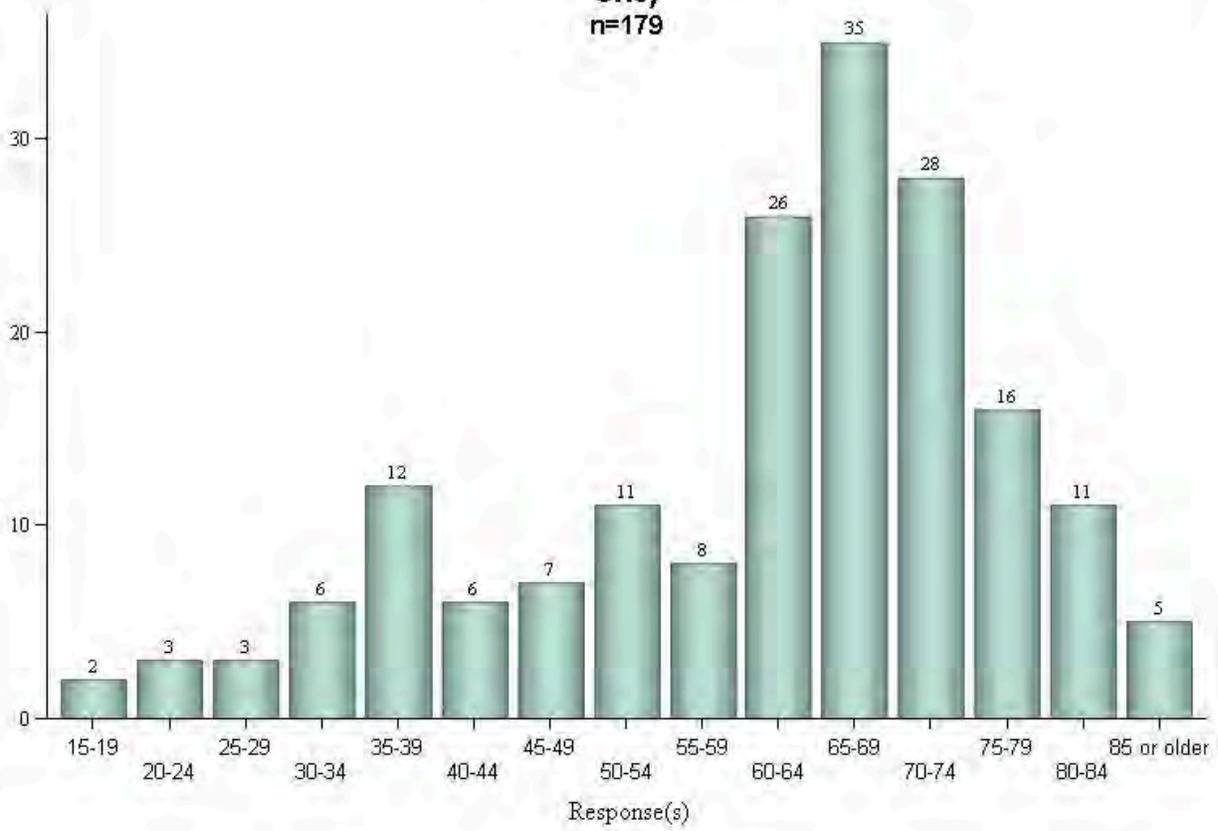
**46. Do you feel physically safe and emotionally safe in your community?**



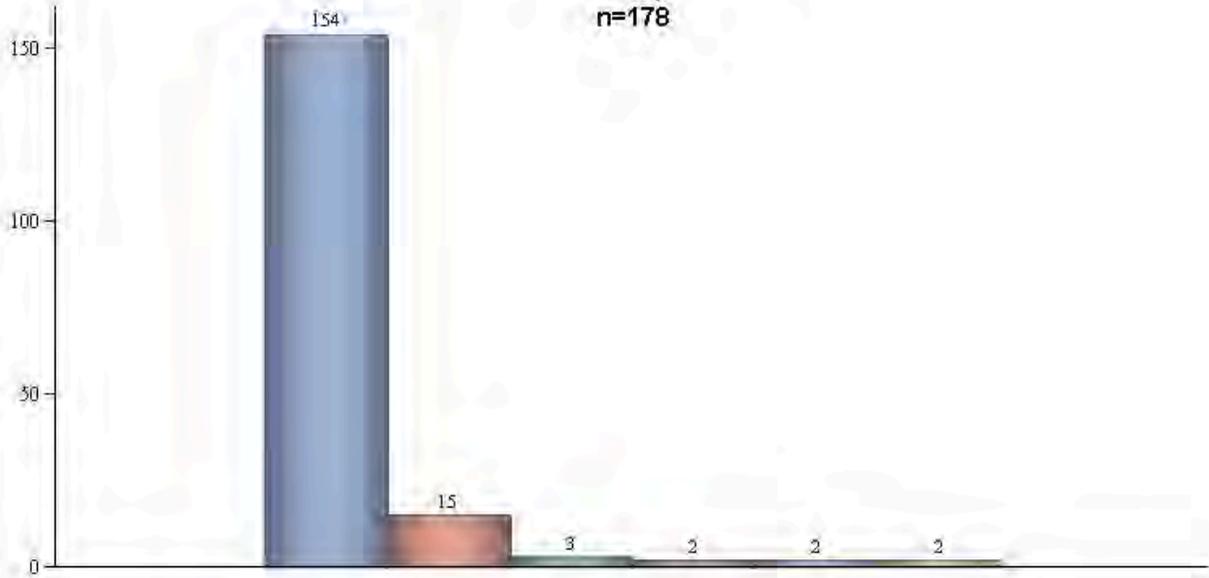
**47. What community do you live in? (select only one)**



**49. Age (select only one)**  
n=179



**50. Race (select only one)**  
n=178

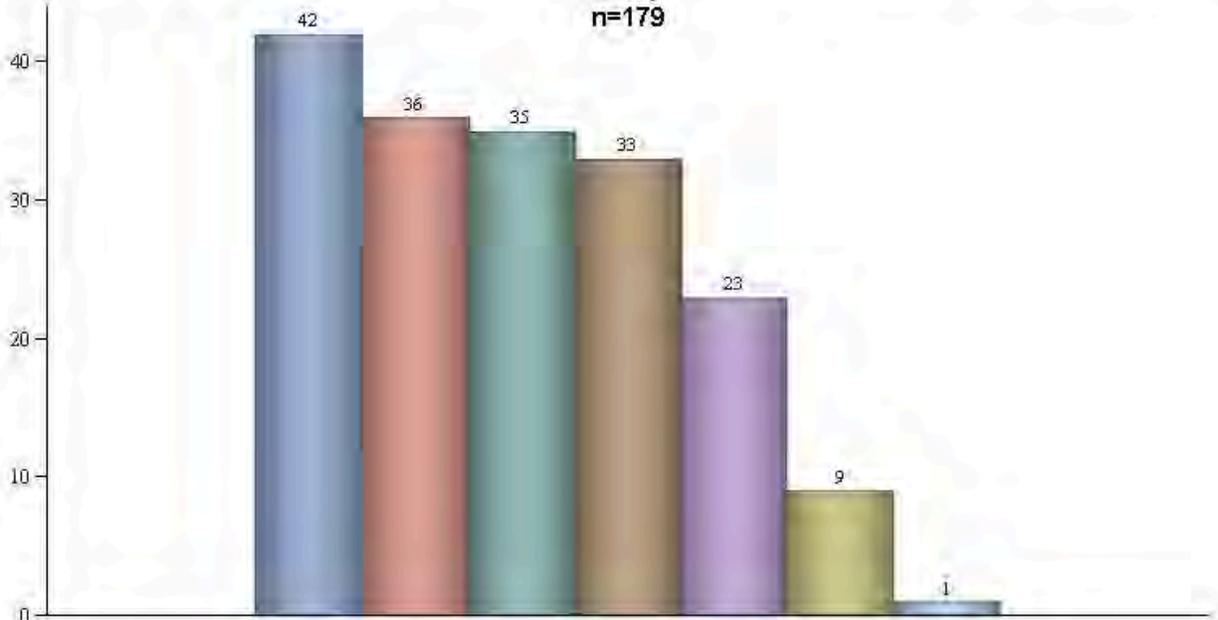


Responses

■	White or Caucasian
■	Black or African American
■	Hispanic, Latino, or Spanish Origin
■	American Indian or Alaska Native
■	Other Asian (including Japanese, Chinese, Korean, Vietnamese, and Filipino/a)
■	Other race not listed (please specify)

Legend is in order of the bars, left to right top to bottom

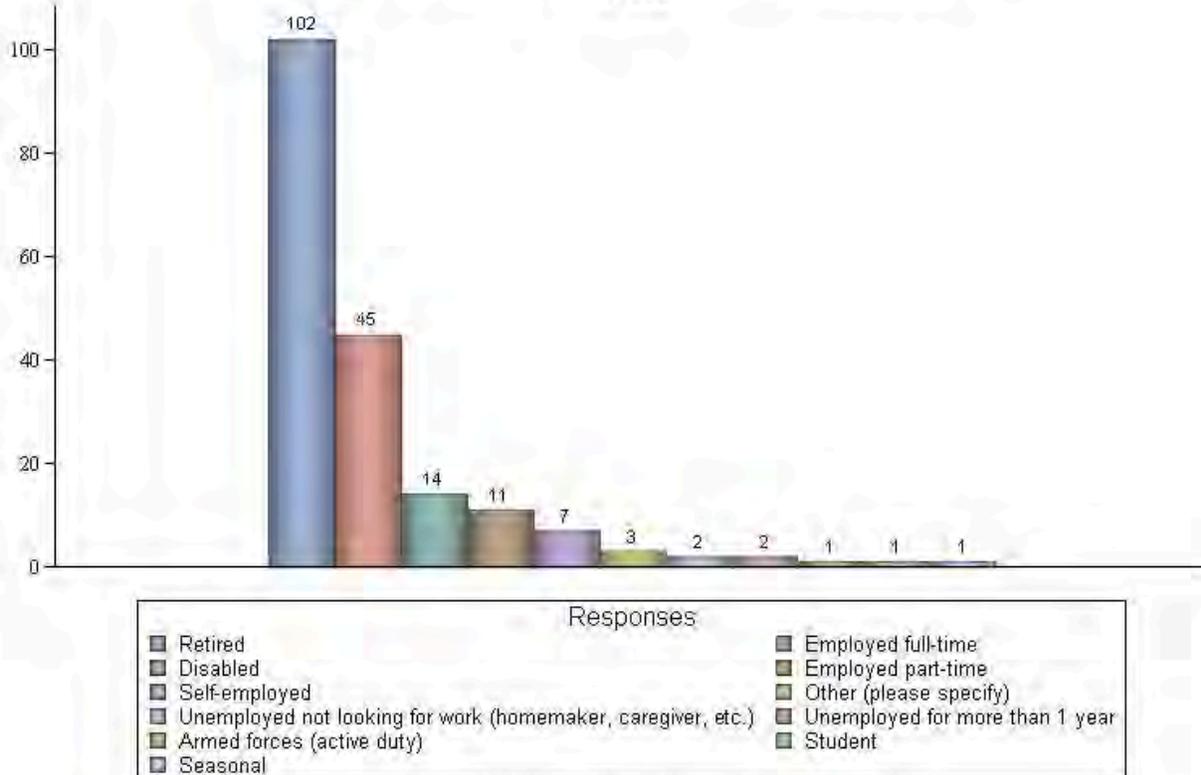
**51. What is the highest grade or year of school you completed? (select only one)**  
n=179



Responses	
Graduate or professional degree	High School graduate (or GED/equivalent)
Bachelor's Degree	Some college (no degree)
Associate's Degree or Vocational Training or Certificate	9-12 grade, no diploma
Other (please specify)	

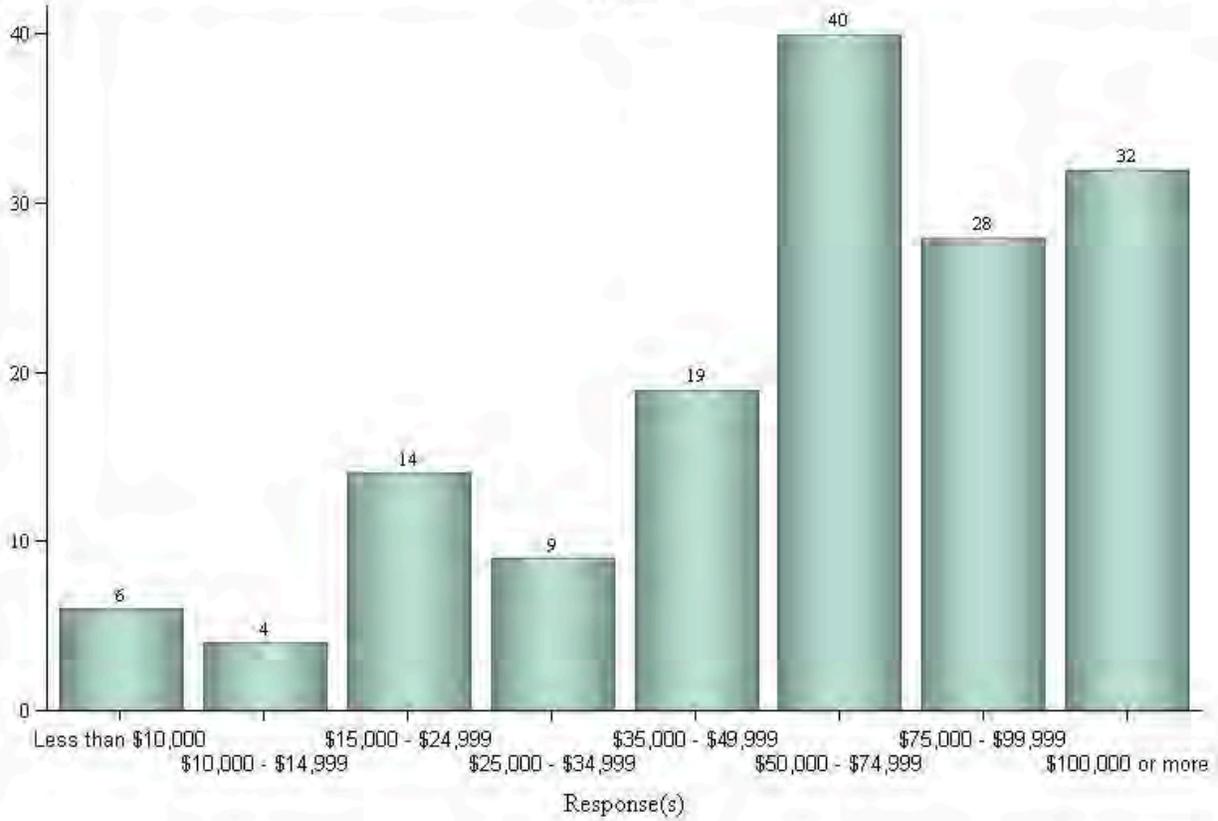
Legend is in order of the bars, left to right top to bottom

**52. Employment status (select all that apply)**  
n=189

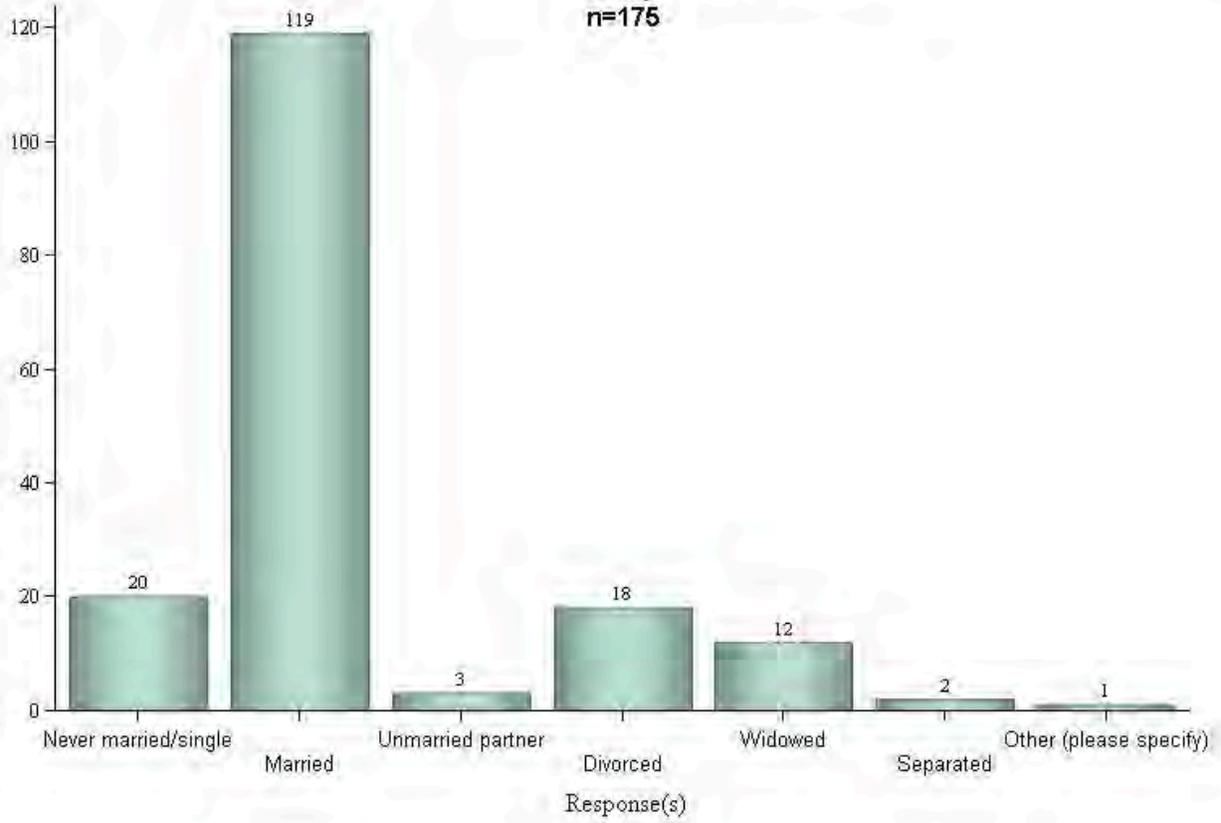


Legend is in order of the bars, left to right top to bottom

**53. What was your total household income last year before taxes? (select only one)**  
n=152

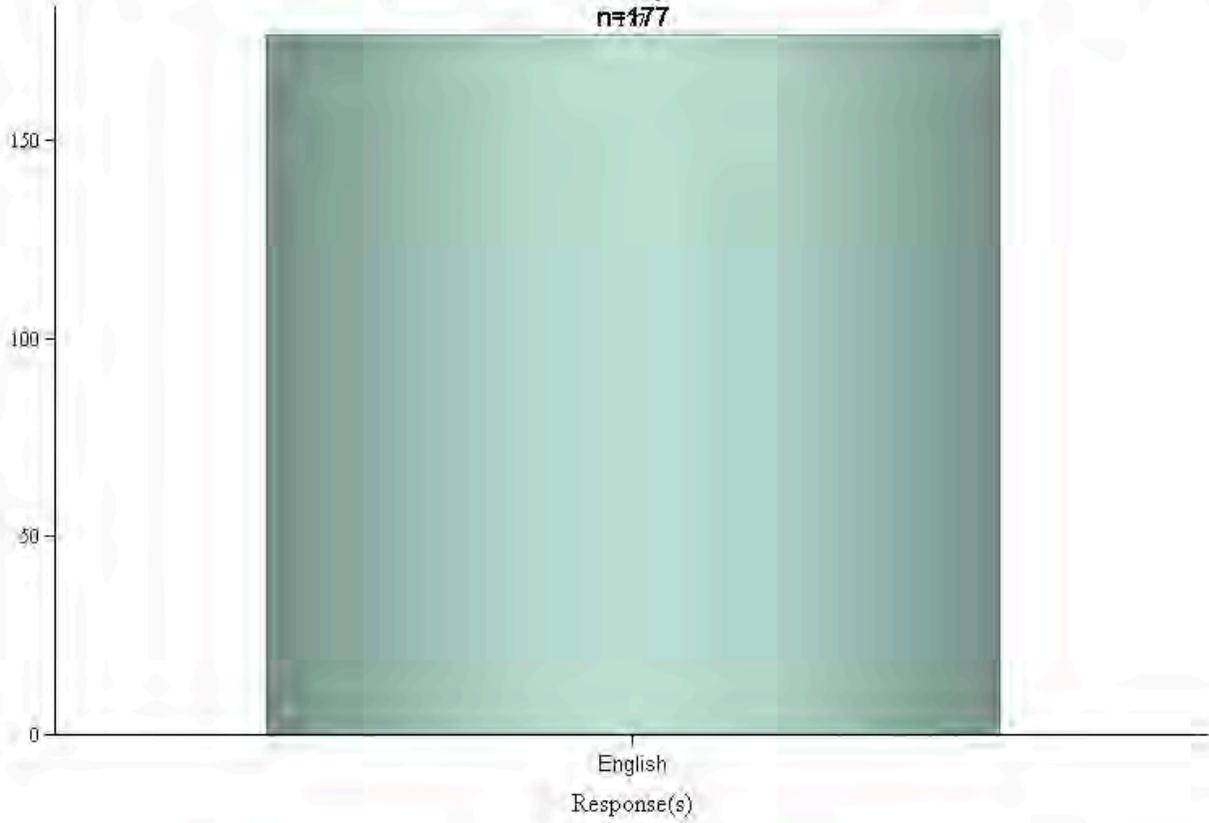


**54. What is your marital status? (select only one)**  
n=175



55. What is the primary language spoken in the home? (select only one)

n=177



# Appendix 4: Secondary Data Tables & Sources

## Section I. Demographics and Community Characteristics

Location	2018 Total Population Estimate	Number Males	Population Males (%)	Median Age Males	Number Females	Population Female (%)	Median Age Females	Overall Median Age
Brunswick County	136,744	65,301	47.8	50.3	71,443	52.2	53.1	51.9
Carteret County	69,524	34,054	48.98	47.3	35,470	51.02	50.8	49.1
New Hanover County	232,274	110,744	47.68	38.0	121,530	52.32	40.5	38.7
State of NC	10,270,800	5,050,861	49.18	37.4	5,332,759	51.92	40.4	38.9

Source: US Census Bureau, Population Estimates: 2018 Annual Estimates of the Resident Population

Location	Number of Persons and Percent Growth										
	1980	1990	% Growth '80-'90	2000	% Growth '90-'00	2010	% Growth '00-'10	2020 (Projection)	% Growth '10-'20	2030 (Projection)	% Growth '20-'30
Brunswick County	35,777	50,985	42.5	73,141	43.4	107,431	46.8	143,157	33.3	176,429	23.2
Carteret County	41,092	52,553	27.9	59,383	13.0	66,469	11.9	71,652	7.8	77,380	8.0
New Hanover County	103,471	120,284	16.2	160,327	33.3	202,667	26.4	241,782	19.3	282,723	16.9
State of NC	5,880,095	6,632,448	12.8	8,046,813	21.3	9,535,483	18.5	10,619,432	11.4	11,759,744	10.7

Source: Log Into North Carolina (LINC) Database, Total Population.

Table 3. Decennial Population Growth (Actual and Projected) For Ages 65 Years and Older, 2000-2030.

Location	2000 Census			2010 Census			2020 (Projected)			2030 (Projected)		
	Total Pop.	Pop. 65+	% Pop. 65+	Total Pop.	Pop. 65+	% Pop. 65+	Total Pop.	Pop. 65+	% Pop. 65+	Total Pop.	Pop. 65+	% Pop. 65+
Brunswick County	73,141	12,380	16.9	107,431	23,026	21.4	143,157	44,321	31.0	176,429	60,351	34.2
Carteret County	59,383	10,227	17.2	66,469	12,659	19.0	71,652	18,271	25.5	77,380	22,385	28.9
New Hanover County	160,327	20,567	12.8	202,667	28,092	13.9	241,782	43,145	17.8	282,723	56,654	20.0
State of NC	8,046,813	969,048	12.0	9,535,483	1,234,079	12.9	10,619,432	1,789,725	16.9	11,759,744	2,355,463	20.0

Source: Log Into North Carolina (LINC) Database, Total Population.

Table 4. Five-Year Birth Rate Estimates (Births Per 1,000 Women), 2010-2014 to 2013-2017.																
Location	2010-2014				2011-2015				2012-2016				2013-2017			
	Total	Whit, Non-Hisp.	Af Am, Non-Hisp.	Hisp.	Total	Whit, Non-Hisp.	Af Am, Non-Hisp.	Hisp.	Total	Whit, Non-Hisp.	Af Am, Non-Hisp.	Hisp.	Total	Whit, Non-Hisp.	Af Am, Non-Hisp.	Hisp.
Brunswick County	9.3	8.6	10.0	18.2	9.0	8.4	10.1	16.9	8.7	8.0	9.9	17.0	8.4	7.6	9.7	17
Carteret County	9.5	8.8	9.4	26.6	9.0	8.7	8.3	11.5	8.8	8.4	7.9	16.5	8.6	8.3	8.1	16.0
New Hanover County	10.7	9.4	13.6	21.5	10.6	9.2	13.6	21.7	10.4	9.1	13.1	21.5	10.3	9.0	13.0	21.6
State of NC	12.4	10.5	13.4	21.3	12.2	10.4	13.3	20.6	12.1	10.3	13.1	20.3	12.0	10.2	13.0	19.7

Source: NC State Center for Health Statistics, County Health Databook.

Table 5. Population Density (Persons per Square Mile) Estimates and Projections, 1980-2030.	
Location	Number of Persons per Square Mile

	1980	1990	2000	2010	2020 (Projection)	2030 (Projection)
Brunswick County	41	59	85	120	169	208
Carteret County	78	98	114	126	141	152
New Hanover County	560	604	805	1,006	1,262	1,476
State of NC	120	136	165	192	220	248

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

Table 6. Annual Estimates of the Resident Population by Sex, Race, and Hispanic Origin, 2018.

Location	Total	Non-Hispanic Ethnicity										Hispanic Ethnicity	
		White		Black or African-American		American Indian and Alaskan Native		Asian, Native Hawaiian and Other Pacific Islander		Two or More Races		Hispanic or Latino of Any Race	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Brunswick County	136,744	112,265	82.1	13,699	10.0	866	0.5	1,083	0.6	2,167	1.6	6,664	4.8
Carteret County	69,524	60,138	86.5	3,817	5.5	312	0.5	959	1.4	1,333	1.9	2,965	4.2
New Hanover County	232,274	179,674	77.3	30,748	13.2	883	0.4	3,608	1.6	4,337	1.9	13,024	5.6
State of NC	10,383,620	6,525,505	62.8	2,219,512	21.4	116,180	1.1	324,518	3.1	200,556	1.9	997,349	9.6

Source: US Census Bureau, Population Estimates: 2018 Annual Estimates of the Resident Population by Sex, Race, and Hispanic Origin.

Table 7. Population Estimates by Age Group, 2010 Census.

Age Group	Brunswick County						North Carolina					
	No. in Population			% of Total Population			No. in Population			% of Total Population		
	Total	Male	Female	Total	Male	Female	Total	Male	Female	Total	Male	Female
All ages	107,431	52,660	54,771	100.0	49.0	51.0	9,535,483	4,645,492	4,889,991	100.0	48.7	51.3
Under 5	5,828	3,034	2,794	5.4	2.8	2.6	632,040	322,871	309,169	6.6	3.4	3.2
5 to 9	5,539	2,856	2,683	5.2	2.7	2.5	635,945	324,900	311,045	6.7	3.4	3.3
10 to 14	5,411	2,793	2,618	5.0	2.6	2.4	631,104	322,795	308,309	6.6	3.4	3.2
15 to 19	5,289	2,763	2,526	4.9	2.6	2.4	659,591	338,271	321,320	6.9	3.5	3.4
20 to 24	4,707	2,361	2,346	4.4	2.2	2.2	661,573	336,648	324,925	6.9	3.5	3.4
25 to 29	5,575	2,794	2,781	5.2	2.6	2.6	627,036	311,499	315,537	6.6	3.3	3.3
30 to 34	5,877	2,866	3,011	5.5	2.7	2.8	619,557	304,807	314,750	6.5	3.2	3.3
35 to 39	6,127	3,082	3,045	5.7	2.9	2.8	659,843	324,681	335,162	6.9	3.4	3.5

<b>Table 7. Population Estimates by Age Group, 2010 Census.</b>												
<b>Age Group</b>	<b>Brunswick County</b>						<b>North Carolina</b>					
	<b>No. in Population</b>			<b>% of Total Population</b>			<b>No. in Population</b>			<b>% of Total Population</b>		
	<b>Total</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>	<b>Male</b>	<b>Female</b>
40 to 44	6,067	3,010	3,057	5.6	2.8	2.8	667,308	329,652	337,656	7.0	3.5	3.5
45 to 49	6,950	3,399	3,551	6.5	3.2	3.3	698,753	341,432	357,321	7.3	3.6	3.7
50 to 54	7,500	3,545	3,955	7.0	3.3	3.7	669,893	323,702	346,191	7.0	3.4	3.6
55 to 59	8,752	3,895	4,857	8.1	3.6	4.5	600,722	285,244	315,478	6.3	3.0	3.3
60 to 64	10,783	5,052	5,731	10.0	4.7	5.3	538,039	255,034	283,005	5.6	2.7	3.0
65 to 69	9,402	4,707	4,695	8.8	4.4	4.4	403,024	188,125	214,899	4.2	2.0	2.3
70 to 74	5,926	3,020	2,906	5.5	2.8	2.7	294,543	133,021	161,522	3.1	1.4	1.7
75 to 79	3,747	1,920	1,827	3.5	1.8	1.7	223,655	94,981	128,674	2.3	1.0	1.3
80 to 84	2,227	1,005	1,222	2.1	0.9	1.1	165,396	63,573	101,823	1.7	0.7	1.1
85 and older	1,724	558	1,166	1.6	0.5	1.1	147,461	44,256	103,205	1.5	0.5	1.1

Source: US Census Bureau, 2010 Census, Table DP-1: Profile of General Population and Housing Characteristics

<b>Table 8. Population Estimates by Age Group, 2018</b>						
<b>Age Group</b>	<b>Brunswick County</b>			<b>North Carolina</b>		
	<b>No. in Population</b>			<b>No. in Population</b>		
	<b>Total</b>	<b>Male</b>	<b>Female</b>	<b>Total</b>	<b>Male</b>	<b>Female</b>
<b>All ages</b>	<b>136,744</b>	<b>65,301</b>	<b>71,443</b>	<b>10,383,620</b>	<b>5,050,861</b>	<b>5,332,759</b>
<b>Under 5</b>	<b>5,304</b>	<b>2,693</b>	<b>2,611</b>	<b>610,128</b>	<b>311,910</b>	<b>298,218</b>
<b>5 to 9</b>	<b>5,833</b>	<b>3,028</b>	<b>2,805</b>	<b>628,094</b>	<b>319,840</b>	<b>308,254</b>
<b>10 to 14</b>	<b>6,145</b>	<b>3,150</b>	<b>2,995</b>	<b>664,208</b>	<b>338,549</b>	<b>325,659</b>
<b>15 to 19</b>	<b>5,634</b>	<b>2,881</b>	<b>2,753</b>	<b>684,178</b>	<b>347,988</b>	<b>336,190</b>
<b>20 to 24</b>	<b>5,257</b>	<b>2,609</b>	<b>2,648</b>	<b>697,871</b>	<b>361,197</b>	<b>336,674</b>
<b>25 to 29</b>	<b>6,225</b>	<b>3,134</b>	<b>3,091</b>	<b>728,562</b>	<b>366,599</b>	<b>361,963</b>
<b>30 to 34</b>	<b>6,081</b>	<b>2,887</b>	<b>3,194</b>	<b>664,586</b>	<b>326,859</b>	<b>337,727</b>
<b>35 to 39</b>	<b>6,623</b>	<b>3,139</b>	<b>3,484</b>	<b>658,604</b>	<b>320,982</b>	<b>337,622</b>
<b>40 to 44</b>	<b>6,375</b>	<b>3,076</b>	<b>3,299</b>	<b>637,301</b>	<b>310,152</b>	<b>327,149</b>
<b>45 to 49</b>	<b>7,290</b>	<b>3,558</b>	<b>3,732</b>	<b>697,294</b>	<b>340,439</b>	<b>356,855</b>
<b>50 to 54</b>	<b>8,073</b>	<b>3,704</b>	<b>4,369</b>	<b>680,546</b>	<b>331,494</b>	<b>349,052</b>
<b>55 to 59</b>	<b>10,750</b>	<b>4,748</b>	<b>6,002</b>	<b>695,970</b>	<b>332,859</b>	<b>363,111</b>
<b>60 to 64</b>	<b>14,084</b>	<b>6,180</b>	<b>7,904</b>	<b>647,013</b>	<b>303,496</b>	<b>343,517</b>
<b>65 to 69</b>	<b>16,137</b>	<b>7,476</b>	<b>8,661</b>	<b>560,023</b>	<b>257,565</b>	<b>302,458</b>
<b>70 to 74</b>	<b>12,979</b>	<b>6,404</b>	<b>6,575</b>	<b>450,435</b>	<b>206,138</b>	<b>244,297</b>
<b>75 to 79</b>	<b>7,467</b>	<b>3,800</b>	<b>3,667</b>	<b>300,671</b>	<b>133,208</b>	<b>167,463</b>
<b>80 to 84</b>	<b>3,569</b>	<b>1,715</b>	<b>1,854</b>	<b>192,387</b>	<b>78,846</b>	<b>113,541</b>
<b>85 and older</b>	<b>2,918</b>	<b>1,119</b>	<b>1,799</b>	<b>185,749</b>	<b>62,740</b>	<b>123,009</b>

Source: US Census Bureau, 2017 Population Estimates, Table PEPAGESEX: Annual Estimates of the Resident Population

County	6	7	8	9	10	11	12	13	14	15	16	17	Ages 6-15	Ages 6-17	Ages 10-17
Brunswick	1,158	1,220	1,331	1,359	1,364	1,388	1,367	1,311	1,288	1,329	1,328	1,347	13,115	15,790	10,722
Carteret	651	662	645	652	723	747	740	731	678	710	798	804	6,939	8,541	5,931
New Hanover	2,306	2,378	2,428	2,465	2,486	2,512	2,459	2,481	2,414	2,403	2,441	2,476	24,332	29,249	19,672
State of NC	123,818	126,668	129,233	132,228	134,592	134,413	133,752	134,002	133,115	133,117	136,889	136,653	1,314,938	1,588,480	1,076,533

Source: NC Department of Public Safety, Statistics and Data, NC Juvenile Justice County Databook, 2018.

Location	Number of Persons		
	No.	Female	Male
Brunswick County	260	42	218
Carteret County	263	65	198
New Hanover County	642	112	530
State of NC	23,902	3,636	20,266

Source: A. S. Q. Custom Offender Reports, North Carolina Department of Public Safety, Office of Research and Planning

## Population Characteristics

Location	Number of Persons Arriving			
	Before 1990	1990-1999	2000-2009	After 2010
Brunswick County	2,720	1,451	1,684	384
Carteret County	1,370	691	840	3,328
New Hanover County	4,473	2,724	5,252	13,754
State of NC	223,966	233,323	295,791	152,017

Source: US Census Bureau, 2017 American Community Survey 5-Year Estimates, Table B05005: Year of Entry by Nativity and Citizenship Status in the US.

Age Group	No. Total Population	% of Total Population	No. Latino/Hispanic Population	% of Latino/Hispanic Population	# of Males in Latino Population	% Males among Latino/Hispanic Population	# of Females
Total All Ages	122,586	100.0	5,816	100.0	3,297	100.0	2,519
Under 5 years	5,346	4.4	652	11.21	414	12.56	238
5 to 9	5,927	4.8	519	8.92	208	6.31	311
10 to 14	5,820	4.7	757	13.02	443	13.44	314
15 to 17	5,190	4.2	289	4.97	228	6.92	61
18 to 19	4,983	4.1	135	2.32	117	3.55	18
20 to 24	11,744	9.6	403	6.93	186	5.64	217
25 to 29	12,658	10.3	408	7.02	223	6.76	185
30 to 34	14,726	12.0	403	6.93	183	5.55	220
35 to 44	9,907	8.1	1,050	18.05	661	20.05	389
45 to 54	11,877	9.7	530	9.11	289	8.77	241
55 to 64	23,618	19.3	347	5.97	181	5.49	166
65 to 74	8,563	7.0	207	3.56	130	3.94	77
75 to 84	2,227	1.8	45	0.77	34	1.03	11
85 + years	5,346	4.4	71	1.22	0	0	71

Source: US Census Bureau, 2017 American Community Survey 5-Year Estimates, Table B01001: Sex by Age (Hispanic or Latino)

Location	Civilian Population 18 Years and Over					#/% Veterans by Age					Disability Status of Civilian Population 18 Years and Over	
	Total	# Non-Veterans	% Non-Veterans	# Veterans	% Veterans	18 to 34 years	35 to 54 years	55 to 64 years	65 to 74 years	75 years and over	With any disability #/%	Without any disability #/%
Brunswick County	101,914	88,594	86.9	13,320	13.1	635/ 4.8	1,979/ 14.9	2,313/ 17.4	5,423/ 40.7	2,970/ 22.3	19,686/ 19.5	81,379 /80.5

**Table 13. Five-Year Estimates of Veteran Status of Adults, by Age, 2013- 2017.**

Location	Civilian Population 18 Years and Over					#/% Veterans by Age					Disability Status of Civilian Population 18 Years and Over	
	Total	# Non-Veterans	% Non-Veterans	# Veterans	% Veterans	18 to 34 years	35 to 54 years	55 to 64 years	65 to 74 years	75 years and over	With any disability #/%	Without any disability #/%
Carteret County	55,317	47,044	85.0	8,273	15.0	452/ 5.5	2,052/ 24.8	1,691/ 20.4	2,365/ 28.6	1,713/ 20.7	12,251 /22.5	42,177 /77.5
New Hanover County	177,098	161,877	91.4	15,221	8.6	1,227/ 8.1	3,615/ 23.8	2,442/ 16.0	4,421/ 29.0	3,516/ 23.1	25,569/ 14.9	145,695/ 85.1
State of NC	7,666,358	6,996,032	91.3	670,326	8.7	62,917/ 9.4	177,929 /26.5	131,279 /19.6	167,331/ 25.0	130,870/ 19.5	1,240,406/ 16.6	6,225,947/ 83.4

Source: US Census Bureau, 2017 American Community Survey 5-Year Estimates, Table S2101: Veteran Status

**Table 14. Five-Year Estimates of Economic Characteristics, 2013-2017.**

Location	2017 Per Capita Income	Per Capita Income Difference from State	2017 Projected Median Household Income	Median Household Income Difference from State	2017 Est Median Family Income	Median Family Income Difference from State
Brunswick County	29,707	+\$1,584	51,164	+\$844	62,728	+\$533
Carteret County	30,903	+\$2,780	51,584	+\$1,264	64,555	+\$2,360
New Hanover County	31,708	+\$3,585	51,457	+\$1,137	52,447	-\$9,748
State of NC	28,123	n/a	50,320	n/a	62,195	n/a

Source: US Census Bureau, 2016 American Community Survey 5-Year Estimates, Table DP03: Selected Economic Characteristics

**Table 15. Five-Year Estimates of Place of Work, 2013-2017.**

Location	Number and Percent of Residents						
	Total # Workers Over 16	# Working in County	% Working in County	# Working out of County	% Working out of County	# Working out of State	% Working out of State
Brunswick County	47,978	31,615	30.29	13,489	12.92	2,874	2.75
Carteret County	30,155	22,473	39.0	7,209	12.51	473	0.82
New Hanover County	105,969	95,186	52.21	9,480	5.2	1,303	0.71

Location	Number and Percent of Residents						
	Total # Workers Over 16	# Working in County	% Working in County	# Working out of County	% Working out of County	# Working out of State	% Working out of State
State of NC	4,570,330	3,265,928	40.71	1,186,279	14.79	118,123	1.47

Source: US Census Bureau, 2017 American Community Survey 5-Year Estimates, Table B08007: Sex of Workers by Place of Work

Sector	Brunswick County (2018)			North Carolina (2017)		
	Avg. No. Employed	% Total Employment in Sector	Average Weekly Wage per Employee	Avg. No. Employed	% Total Employment in Sector	Average Weekly Wage per Employee
Retail Trade	5,395	16.65	\$484	501,944	11.8	\$523.94
Accommodation and Food Services	4,720	14.57	\$334	412,099	9.7	\$319.91
Health Care and Social Assistance	4,388	13.55	\$868	602,329	14.1	\$924.09
Educational Services	2,517	7.77	\$749	372,402	8.7	\$831.40
Public Administration	2,407	7.43	\$899	241,875	5.7	\$905
Construction	2,054	6.34	\$849	200,482	4.7	\$962.27
Administrative and Waste Services	1,760	5.43	\$657	295,184	6.9	\$662.86
Manufacturing	1,443	4.45	\$1,067	464,500	10.9	\$1,089.27
Arts, Entertainment and Recreation	1,349	4.16	\$406	73,222	1.7	\$587.73
Utilities	1,299	4.01	\$2,216	15,230	0.4	\$1,717.90
Professional and Technical Services	1,010	3.12	\$1,094	232,297	5.5	\$1,483.62
Real Estate and Rental and Leasing	859	2.65	\$683	56,941	1.3	\$906.04
Transportation and Warehousing	830	2.56	\$811	142,776	3.4	\$909.91
Other Services Ex. Public Admin	777	2.4	\$704	108,171	2.5	\$630
Wholesale Trade	555	1.71	\$1,024	182,811	4.3	\$1,327.55
Finance and Insurance	507	1.57	\$1,161	163,851	3.8	\$1,730.91
Information	280	0.86	\$1,119	79,995	1.9	\$1,493.87
Agriculture Forestry Fishing & Hunting	227	0.7	\$686	28,447	0.7	\$654.79
Mining	Not reported	Not reported	Not reported	Data suppressed	Data suppressed	--

Mgt of Companies, Enterprises	Not reported	Not reported	Not reported	83,824	2.0	\$1,992.91
<b>TOTAL ALL SECTORS</b>	<b>32,394</b>	<b>100.0</b>	<b>\$755</b>	<b>4,258,380</b>	<b>100.0</b>	<b>\$936</b>

Source: NC Department of Commerce Labor & Economic Analysis, Annual QCEW statistics

Rank	Company	Industry	No. Employed
1	Brunswick Co Board Of Education	Education & Health Services	1000+
2	Progress Energy Service Co	Trade, Transportation, & Utilities	1000+
3	County Of Brunswick	Public Administration	1000+
4	Wal-Mart Associates Inc	Trade, Transportation, & Utilities	500-999
5	Food Lion	Trade, Transportation, & Utilities	500-999
6	Brunswick Novant Medical Ctr.	Education & Health Services	500-999
7	BHI Energy I Power Services Llc	Professional & Business Services	500-999
8	Brunswick Community College	Education & Health Services	250-499
9	Lowes Food Stores Inc	Trade, Transportation, & Utilities	250-499
10	Dosher Memorial Hospital	Education & Health Services	250-499
11	Liberty Healthcare Group Llc	Education & Health Services	250-499
12	Troon Golf Llc	Leisure & Hospitality	250-499
13	Mcandersons Inc	Leisure & Hospitality	250-499
14	Department Of Defense	Public Administration	250-499
15	Lowes Home Centers Inc	Trade, Transportation, & Utilities	250-499
16	Sbh Wilmington Llc	Education & Health Services	100-249
17	Charter Day School Inc	Education & Health Services	100-249
18	Southeastern Cable	Construction	100-249
19	Victaulic Co Of America	Manufacturing	100-249
20	Bald Head Island	Financial Activities	100-249
21	Archer Daniels Midland Co (A Corp)	Manufacturing	100-249
22	Atlantic Telephone Membership Corp	Information	100-249

23	Hedgehog Healthcare Associates	Education & Health Services	100-249
24	Autumn Corporation	Education & Health Services	100-249
25	Coating & Adhesive Corp	Manufacturing	100-249

Source: NC Department of Commerce, Economic Intelligence Development System (EDIS), Business Data, Top Employers, by County Q4

Location	2010	2011	2012	2013	2014	2015	2016	2017	2018
Brunswick County	12.5	12.2	11.2	9.8	7.9	7.3	6.4	5.6	5.2
Carteret County	9.6	9.7	8.9	7.8	6.2	5.9	5.2	4.4	4.3
New Hanover County	9.7	9.6	8.6	7.6	5.9	5.4	4.7	4.1	3.7
State of NC	10.9	10.3	9.3	8.0	6.3	5.7	5.1	4.5	3.9

Source: North Carolina Department of Commerce, Labor and Economic Analysis Division (LEAD). Local Area Unemployment Statistics (LAUS) - Unemployment Rate (%)

Location	Category	Data Type	2014	2015	2016	2017
North Carolina	Children under age 19	Number	131,084	109,227	110,577	116,358
		Percent	5.5%	4.6%	4.7%	4.9%
	Adults age 18-64	Number	1,136,068	982,155	922,624	959,330
		Percent	18.9%	16.2%	15.1%	15.6%
North Carolina	Total under age 65	Number	1,254,138	1,080,102	1,023,107	1,063,335

**Table 19. Number of Uninsured, by Age Group, 2014-2017.**

Location	Category	Data Type	2014	2015	2016	2017
		Percent	15.2%	13.0%	12.2%	12.6%
Brunswick	Children under age 19	Number	1,344	1,116	1,021	1,191
		Percent	6.3%	5.2%	4.8%	5.6%
	Adults age 18-64	Number	13,776	11,888	12,088	11,124
		Percent	20.8%	17.6%	17.6%	15.9%
	Total under age 65	Number	15,005	12,892	13,022	12,208
		Percent	17.4%	14.7%	14.6%	13.5%
Carteret	Children under age 19	Number	795	650	696	664
		Percent	6.0%	5.0%	5.3%	5.1%
	Adults age 18-64	Number	7,952	6,414	5,820	5,958
		Percent	19.5%	15.9%	14.6%	15.1%
	Total under age 65	Number	8,664	6,994	6,452	6,548
		Percent	16.3%	13.3%	12.3%	12.7%

**Table 19. Number of Uninsured, by Age Group, 2014-2017.**

Location	Category	Data Type	2014	2015	2016	2017
New Hanover	Children under age 19	Number	2,352	1,747	1,822	2,248
		Percent	5.4%	4.0%	4.1%	5.0%
	Adults age 18-64	Number	23,547	20,692	18,166	20,401
		Percent	17.4%	15.0%	13.1%	14.5%
	Total under age 65	Number	25,641	22,230	19,802	22,417
		Percent	14.5%	12.4%	10.9%	12.3%

Source: US Census Bureau, Small Area Health Insurance Estimates (SAHIE) - 2008 through 2017.

**Table 20. Percent of Population enrolled in Medicaid or CHIP, SFY 2019.**

Location	Percent
Brunswick County	18.5%
Carteret County	17.5%
New Hanover County	15.8%
State of NC	21.2%

Source: NC Division of Medical Assistance, SFY 2019 Enrollment Counts by County and Budget Groups.

**Table 21. Five-Year Estimates of Disability Status, 2013-2017.**

Location	2013-2017	
	With any Disability	No Disability

	Total No.	Less Than 50% of the Poverty Level (%)	Less Than 100% of the Poverty Level (%)	Less Than 125% of the Poverty Level (%)	Total No.	Less Than 50% of the Poverty Level (%)	Less Than 100% of the Poverty Level (%)	Less Than 125% of the Poverty Level (%)
Brunswick County	20,914	6.4	17.9	23.8	100,479	6.4	13.3	16.8
Carteret County	13,296	5.1	16.7	24.9	53,351	5.0	11.7	16.3
New Hanover County	27,185	9.3	24.4	31.4	185,617	9.3	17.1	21.5
State of NC	1,338,880	8.3	22.7	30.3	8,383,659	6.9	15.2	20.1

Source: U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates, Table S1703: Disability Status

Location	2011-2015				2012-2016				2013-2017			
	Total % in Poverty	% Related Children Under 5 in Poverty	% Related Children Under 18 in Poverty	% Adults 65 or Older in Poverty	Total % in Poverty	% Related Children Under 5 in Poverty	% Related Children Under 18 in Poverty	% Adults 65 or Older in Poverty	Total % in Poverty	% Related Children Under 5 in Poverty	% Related Children Under 18 in Poverty	% Adults 65 or Older in Poverty
Brunswick County	16.3	33.4	28.6	6.4	15.2	29.2	27.2	6.9	14.1	29.3	23.0	6.5
Carteret County	15.0	29.3	24.1	6.7	13.1	23.3	19.4	6.2	12.5	20.6	17.5	6.1
New Hanover County	17.7	25.9	23.3	7.3	17.7	24.9	22.3	8.7	18.0	24.1	22.7	8.8
State of NC	17.4	28.4	23.0	9.8	16.8	22.0	27.3	9.7	16.1	25.9	22.6	9.4

Source: US Census Bureau, American Community Survey 5-Year Estimates, Table DP03: Selected Economic Characteristics

	2013-2017 Estimate

Location	Total Housing Units	Vacant Housing Units		Occupied Housing Units		Owner Occupied Units		Renter Occupied Units		Mobile Home Units	
	No.	No.	%	No.	%	No.	%	No.	%	No.	%
Brunswick County	84,702	31,598	37.3	53,104	62.7	40,983	77.2	12,121	22.8	19,817	23.4
Carteret County	49,580	19,580	39.5	30,000	60.5	21,801	72.7	8,199	27.3	9,075	18.3
New Hanover County	107,369	15,696	14.6	91,673	85.4	52,611	57.4	39,062	42.6	4,832	4.5
State of NC	4,521,697	647,351	14.3	3,874,346	85.7	2,517,896	65.0	1,356,450	35.0	595,685	13.2

Source: US Census Bureau, American Community Survey 5-Year Estimates, Table DP04: Selected Housing Characteristics.

Location	Renter-Occupied Units											
	2011-2015				2012-2016				2013-2017			
	Total Units	Units Spending >35% Household Income on Housing		Median Gross Monthly Rent	Total Units	Units Spending >35% Household Income on Housing		Median Gross Monthly Rent	Total Units	Units Spending >35% Household Income on Housing		Median Gross Monthly Rent
		No.	%			No.	%			No.	%	
Brunswick County	10,366	4,996	48.5	\$846	10,639	4,953	46.9	\$866	10,597	4,975	47.5	\$883
Carteret County	7,678	2,932	38.2	\$794	7,298	2,721	37.3	\$847	7,319	2,572	35.1	\$864
New Hanover County	36,473	15,986	45.0	\$907	36,723	15,815	44.2	\$928	37,578	16,214	44.5	\$938
State of NC	1,192,173	494,149	41.4	\$797	1,219,134	489,814	40.2	\$816	1,262,654	488,174	39.6	\$844

Source: US Census Bureau, American Community Survey 5-Year Estimates, Table DP04: Selected Housing Characteristics

**Table 25. Characteristics of Owner-Occupied Housing Units, 2011-2017.**

Location	Owner-Occupied Units											
	2011-2015				2012-2016				2013-2017			
	Total Units	Units Spending >35% Household Income on Housing		Median Monthly Mortgage Cost	Total Units	Units Spending >35% Household Income on Housing		Median Monthly Mortgage Cost	Total Units	Units Spending >35% Household Income on Housing		Median Monthly Mortgage Cost
		No.	%			No.	%			No.	%	
Brunswick County	22,701	6,922	30.7	\$1,305	23,210	6,608	28.8	\$414	24,709	6,772	27.7	\$436
Carteret County	11,834	3,401	28.7	\$1,305	12,116	3,459	28.5	\$1,326	12,236	3,426	28.1	\$1,368
New Hanover County	35,767	9,640	27.1	\$1,483	36,640	9,689	26.6	\$1,485	37,058	9,443	25.7	\$1,498
State of NC	1,599,066	360,647	22.6	\$1,248	1,589,580	338,318	21.3	\$1,243	1,605,364	325,445	20.3	\$1,261

Source: US Census Bureau, American Community Survey 5-Year Estimates, Table DP04: Selected Housing Characteristics

**Table 26. Five-Year Estimates of Household Characteristics, 2013- 2017.**

Location	Total No. Households	Average Persons per Household	Total Families	Average Family size	Households with own children of the householder under 18 years	% Households One-person	% One-person Households $\geq 65$	Unmarried Partner Households	
								% Same Sex	% Opposite Sex
Brunswick County	53,104	2.29	36,616	2.73	9,454	26.6	11.6	0.3	4.8
Carteret County	30,000	2.25	19,282	2.77	6,627	29.8	15.1	0.4	6.2
New Hanover County	91,673	2.32	52,447	2.95	21,125	33.0	11.0	0.4	6.4
State of NC	3,874,346	2.53	2,551,439	3.10	1,080,838	28.3	10.4	0.3	5.2

Source: US Census Bureau, American Community Survey 5-Year Estimates, Table S1101: Households and Families

## Children & Families

**Table 27. Five-Year Estimates of Single Parent Family Characteristics, 2013-2017.**

Location	Total Households in County	Male Householder (no wife present) Family Households				Female Householder (no husband present) Family Households					
		Total Households	With own children < 18		In Owner Occupied Housing Units	In Renter Occupied Housing Units	Total Households	With own children < 18		In Owner Occupied Housing Units	In Renter Occupied Housing Units
		No.	No.	%	%	No.	No.	No.	%	%	%
Brunswick County	53,104	1,890	887	52.5	62.3	37.7	4,949	2,589	64.4	57.8	42.2
Carteret County	30,000	1,094	438	48.2	59.0	41.0	3,205	1,745	67.0	54.8	45.2
New Hanover County	91,673	3,364	1,846	60.4	46.6	53.4	10,153	5,892	66.1	40.8	59.2
State of NC	3,874,346	171,483	85,759	58.6	53.0	47.0	512,557	279,976	65.5	45.4	54.6

Source: US Census Bureau, 2017 American Community Survey 5-Year Estimates, Table S1101: Households and Families

**Table 28. Five-Year Estimates of Grandparents Living With Children, 2013-2017.**

Location	# Grandparents Living with Own Grandchildren < 18	Grandparent Responsible for Grandchildren < 18	
		No.	%
Brunswick County	2,291	1,214	53.0
Carteret County	1,202	584	48.6
New Hanover County	3,169	1,691	53.4
State of NC	212,292	94,880	44.7

Source: US Census Bureau, 2017 American Community Survey 5-Year Estimates, Table DP02: Selected Social Characteristics in the US

**Table 29. Percent of Children Under Age 18 With No Parent in The Labor Force, 2011-2017.**

Location	2011 – 2015	2012 – 2016	2013-2017
Brunswick County	11.3%	9.7%	10.3%
Carteret County	8.5%	5.6%	7.4%
New Hanover County	7.1%	7.9%	8.3%
State of NC	8.3%	8.1%	7.9%

Source: U.S. Census Bureau, American Community Survey 5-year estimates, 2006-2010 through 2013-2017, Table B23008.

Location	2011 – 2015	2012 – 2016	2013-2017
Brunswick County	\$45,734	\$45,258	\$50,697
Carteret County	\$54,250	\$58,460	\$59,474
New Hanover County	\$61,581	\$62,577	\$66,147
State of NC	\$53,777	\$55,808	\$59,265

Source: U.S. Census Bureau, American Community Survey 5-year estimates, 2006-2010 through 2013-2017, Table B19125.

Note: "Own children" include the householder's (head of the household) children by birth, marriage, or adoption. The median income is the dollar amount that divides the income distribution into two equal groups--half with income above the median, half with income below it.

Location	2011-2015	2012-2016	2013-2017
Brunswick County	\$46,859	\$49,356	\$51,164
Carteret County	\$48,457	\$50,599	\$51,584
New Hanover County	\$50,088	\$51,232	\$51,457
State of NC	\$46,868	\$48,256	\$50,320

Source: U.S. Census Bureau, Small Area Income and Poverty Estimates (SAIPE).

Location	Percent		
	2015	2016	2017
Brunswick County	56.6	55.4	52.4
Carteret County	45.3	41.7	41.5
New Hanover County	43.4	42.5	41.5
State of NC	48.9	48.2	46.7

Source: U.S. Census Bureau, American Community Survey Five-Year Estimates. Table B17024.

Location	Percent		
	2014	2015	2016
Brunswick County	26.5	25.6	23.6

Carteret County	25.3	24.0	20.7
New Hanover County	23.6	22.1	20.3
State of NC	24.6	22.6	20.9

Source: Gundersen, C., A. Dewey, A. Crumbaugh, M. Kato & E. Engelhard. Map the Meal Gap 2017: Food Insecurity and Child Food Insecurity Estimates at the County Level. Feeding America, 2017.

Table 34. Number of Children Receiving Work First, 2015-2018.				
Location	2015	2016	2017	2018
Brunswick County	196	191	184	167
Carteret County	84	89	65	44
New Hanover County	426	450	389	332
State of NC	19,738	19,030	17,691	16,758

Source: Duncan, D. F., Stewart, C. J., Vaughn, J. S, Guest, S., Rose, R. A, Malley, K., and Gwaltney, A. Y. (2018). Management Assistance for Child Welfare, Work First, and Food & Nutrition Services in North Carolina (v3.21), University of North Carolina at Chapel Hill Jordan Institute for Families.

Table 35. Number of Children receiving Supplemental Security Income (SSI), 2014-2017.				
Location	2014	2015	2016	2017
Brunswick County	398	397	369	328
Carteret County	156	146	137	138
New Hanover County	745	744	694	665
State of NC	43,410	42,969	40,459	38,313

Source: U.S. Social Security Administration, Research, Statistics, & Policy Analysis, SSI Recipients by State and County.

Table 36. Children (ages 0-3) Receiving Early Intervention Services, 2014-2017.					
Location	Data Type	2014	2015	2016	2017
Brunswick	Number	163	139	151	178
	Percent	5.2%	4.4%	4.8%	5.6%

<b>Table 36. Children (ages 0-3) Receiving Early Intervention Services, 2014-2017.</b>					
<b>Location</b>	<b>Data Type</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
<b>Carteret</b>	<b>Number</b>	<b>97</b>	<b>88</b>	<b>82</b>	<b>78</b>
	<b>Percent</b>	<b>5.2%</b>	<b>4.7%</b>	<b>4.4%</b>	<b>4.3%</b>
<b>New Hanover</b>	<b>Number</b>	<b>287</b>	<b>288</b>	<b>326</b>	<b>364</b>
	<b>Percent</b>	<b>4.3%</b>	<b>4.3%</b>	<b>4.8%</b>	<b>5.3%</b>
<b>North Carolina</b>	<b>Number</b>	<b>18,816</b>	<b>19,022</b>	<b>19,693</b>	<b>20,353</b>
	<b>Percent</b>	<b>5.2%</b>	<b>5.3%</b>	<b>5.5%</b>	<b>5.6%</b>

Source: North Carolina Division of Public Health, Early Intervention Branch. Special data request by NC Child.

Note: Early intervention services are covered by Medicaid and offer support to infants and young children with developmental delays and disabilities.

## Child Care

<b>Table 37. Child Care Facilities in Brunswick County, 2019</b>	
<b>Type of Facility</b>	<b>Number</b>

<b>Child Care Centers (28)</b>	
Five-star	13
Four-star	6
Three-star	6
Two-star	0
One-star	0
GS 110-106 (Church-affiliated)	2
Temporary	1
<b>Family Child Care Homes (7)</b>	
Five-star	1
Four-star	2
Three-star	4
Two-star	0
One-star	0

Source: NC Department of Health and Human Services, Division of Child Development, Child Care Facility Search Site

## Education

### Schools and School Enrollment

Table 38. Number of Public, Charter, and Private Schools in Brunswick, Carteret, & New Hanover County, 2018-2019						
Location	Public				Charter	Private
	Elementary (PK/K-5)	Middle (6-8)	Secondary (9-12)	Other		
Brunswick County	9	4	4	2	2	10
Carteret County	9	6	5	-	1	5
New Hanover County	27	8	8	2	6	21

Source: NC Department of Public Instruction, NC School Report Cards. NCDPI, Office of Charter Schools. Schools: Map and list of charter schools by county. NC Division of Non-Public Education, Private Schools, North Carolina Directory of Non-Public School

Table 39. School Enrollment Trends, School Years 2014-2018.				
Location	Number of Students			
	SY2014-15	SY2015-16	SY2016-17	SY2017-18
Brunswick County	12,952	13,002	12,961	13,054
Carteret County	8,681	8,622	8,535	8,536
New Hanover County	26,749	26,937	27,101	27,012

State of NC	1,498,654	1,493,809	1,486,448	--
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Note: Data unavailable for total NC enrollment in SY2017-2018.

Source: NC Department of Public Instruction, Data and Statistics, Education Data: NC Statistical Profile

Table 40. Percent of Teens Age 16-19 Not Enrolled in School and Not a High School Graduate, 2011-2017.			
Location	2011 - 2015	2012 - 2016	2013 - 2017
Brunswick County	6.1%	5.5%	5.1%
Carteret County	6.1%	7.7%	8.6%
New Hanover County	5.3%	5.0%	4.8%
State of NC	4.9%	4.6%	4.2%

Source: U.S. Census Bureau, American Community Survey 5-year estimates, 2006-2010 through 2013-2017, Table B14005.

Table 41. Percent of Teens Age 16-19 Not Enrolled in School and Not Working, 2011-2017.			
Location	2011 - 2015	2012 - 2016	2013 - 2017
Brunswick County	8.9%	7.5%	7.3%
Carteret County	12.0%	11.9%	13.1%
New Hanover County	7.6%	7.7%	8.5%
State of NC	8.5%	8.0%	7.4%

Source: U.S. Census Bureau, American Community Survey 5-year estimates, 2006-2010 through 2013-2017, Table B14005.

## Educational Attainment and Investment

Table 42. Educational Degrees Attained and Selected Testing Metrics								
Location	% Population High School Graduate or Higher	% Population Bachelor's Degree or Higher	% 3 <sup>rd</sup> Graders Grade Level Proficient on EOG Reading Test	% 3 <sup>rd</sup> Graders Grade Level Proficient on EOG Math Test	% 8 <sup>th</sup> Graders Grade Level Proficient on EOG Reading Test	% 8 <sup>th</sup> Graders Grade Level Proficient on EOG Math Test	SAT Participation Rate	Average Total SAT Scores
	2013-2017	2013-2017	SY2017-18	SY2017-18	SY2017-18	SY2017-18	SY2018	SY2018
Brunswick County	89.1	28.0	54.9	68.7	48.5	37.1	34%	1,081

<b>Carteret County</b>	<b>90.8</b>	<b>26.7</b>	<b>66.0</b>	<b>71.8</b>	<b>65.3</b>	<b>54.0</b>	<b>36%</b>	<b>1,175</b>
<b>New Hanover County</b>	<b>92.3</b>	<b>38.9</b>	<b>62.1</b>	<b>72.9</b>	<b>62.6</b>	<b>57.7</b>	<b>49%</b>	<b>1,134</b>
<b>State of NC</b>	<b>86.9</b>	<b>29.9</b>	<b>55.9</b>	<b>64.8</b>	<b>54.2</b>	<b>48.3</b>	<b>47%</b>	<b>1,090</b>

Source: US Census Bureau, 2017 American Community Survey 5-Year Estimates, Table DP02 Selected Social Characteristics, Educational Attainment; NC School Report Cards, District Reports Cards.

<b>Location</b>	<b>Percent</b>
<b>Brunswick County</b>	<b>55.7%</b>
<b>Carteret County</b>	<b>66.8%</b>
<b>New Hanover County</b>	<b>63.7%</b>
<b>State of NC</b>	<b>57.8%</b>

Source: NC Department of Public Instruction. NC School Report Cards 2016-2017.

## High School Dropout Rate

<b>Location</b>	<b>Drop-Out Rate</b>				
	<b>SY2013-14</b>	<b>SY2014-15</b>	<b>SY2015-16</b>	<b>SY2016-17</b>	<b>SY2017-18</b>
<b>Brunswick County</b>	<b>3.20</b>	<b>3.82</b>	<b>3.28</b>	<b>2.48</b>	<b>2.24</b>
<b>Carteret County</b>	<b>2.29</b>	<b>3.3</b>	<b>1.84</b>	<b>2.54</b>	<b>2.70</b>
<b>New Hanover County</b>	<b>2.88</b>	<b>2.82</b>	<b>1.65</b>	<b>1.48</b>	<b>1.32</b>
<b>State of NC</b>	<b>2.28</b>	<b>2.39</b>	<b>2.29</b>	<b>2.31</b>	<b>2.18</b>

Source: NC Department of Public Instruction, Annual Dropout Reports

<b>School System</b>	<b>All Students</b>		<b>Male</b>		<b>Female</b>		<b>Economically Disadvantaged</b>	
	<b>Total</b>	<b>% Grads</b>	<b>Total</b>	<b>% Grads</b>	<b>Total</b>	<b>% Grads</b>	<b>Total</b>	<b>% Grads</b>
<b>Brunswick County</b>	<b>1104</b>	<b>84.3</b>	<b>599</b>	<b>82.6</b>	<b>505</b>	<b>86.3</b>	<b>511</b>	<b>79.8</b>
<b>Carteret County</b>	<b>717</b>	<b>85.2</b>	<b>380</b>	<b>81.1</b>	<b>337</b>	<b>89.9</b>	<b>208</b>	<b>70.7</b>
<b>New Hanover County</b>	<b>2238</b>	<b>86.0</b>	<b>1115</b>	<b>83.3</b>	<b>1123</b>	<b>88.7</b>	<b>691</b>	<b>80.5</b>
<b>State of NC</b>	<b>120,079</b>	<b>86.3</b>	<b>61,374</b>	<b>83.2</b>	<b>58,705</b>	<b>89.6</b>	<b>43,880</b>	<b>80.3</b>

Source: NC Department of Public Instruction, 4-Year Cohort Graduation Rate Report 2014-15 Entering 9th Graders Graduating in 2017-18 or Earlier

### Crime and Violence in Schools

Location	SY2013-14		SY2014-15		SY2015-16		SY2016-17		SY2017-18	
	No. Acts	Rate								
Brunswick County	87	7.01	118	9.57	73	5.10	39	3.14	58	4.66
Carteret County	38	8.36	39	4.68	56	6.79	65	8.0	40	15.27
New Hanover County	167	6.60	162	6.31	182	7.03	235	9.01	108	13.26
State of NC	10,132	6.79	10,347	7.20	10,020	6.62	9,834	6.48	9,747	6.41

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

Type of Offense	No. Reportable Acts	
	SY2016-17	SY2017-18
Assault resulting in serious bodily injury	0	0
Assault involving the use of a weapon	0	0
Assault on school personnel	2	9
Bomb threat	1	0
Burning of a school building	0	0
Homicide	0	0
Kidnapping	0	0
Possession of alcoholic beverage	2	11
Possession of controlled substance	5	10
Possession of a firearm	0	0
Possession of a weapon	29	28
Rape	0	0
Robbery with a dangerous weapon	0	0
Sexual assault	0	0
Sexual offense	0	0
Taking indecent liberties with a minor	0	0

**Table 47. Brunswick County School Crime and Violence, by Type of Offense, School Years 2017-2018.**

Type of Offense	No. Reportable Acts	
	SY2016-17	SY2017-18
<b>TOTAL</b>	<b>39</b>	<b>58</b>

Source: NC Department of Public Instruction, Research and Evaluation, Discipline Data, Consolidated Data Reports, Crime & Violence Table C-6

**Table 48. Annual School Suspensions and Expulsions, School Years 2014- 2018.**

County School System	SY2013-14			SY2014-15			SY2015-16			SY2016-17			SY2017-2018		
	Short-Term Susp.	Long-Term Susp.	Expulsion												
Brunswick	1,360	7	0	2,242	12	0	1,729	1	0	1,734	0	0	1,935	3	0
Carteret	870	0	0	1,049	1	0	1,105	5	0	929	4	0	981	7	0
New Hanover	3,357	1	7	3,922	14	19	4,014	24	6	3,746	12	0	3,497	10	4
State of NC	198,254	1,088	37	208,650	1,085	42	216,895	1,036	27	208,539	695	18	211,228	673	24

Source: NC Department of Public Instruction, Research and Evaluation, Discipline Data, Consolidated Data Reports

## Crime & Safety: Crime Rates

County	Crimes per 100,000 Population														
	2013			2014			2015			2016			2017		
	Index Crime	Viol. Crime	Prop. Crime	Index Crime	Viol. Crime	Prop. Crime	Index Crime	Viol. Crime	Prop. Crime	Index Crime	Viol. Crime	Prop. Crime	Index Crime	Viol. Crime	Prop. Crime
Brunswick	3,339.3	205.6	3,133.7	2,335.9	143.7	2,192.1	1,815.2	131.5	1,683.8	2,041.1	146.0	1,894.1	1,806.9	146.0	1,894.1
Carteret	3,323.5	281.7	3,041.8	2,881.3	239.7	2,641.6	2,869.5	243.7	2,625.8	2,832.8	239.2	2,593.6	2,814.4	215.9	2,598.5
New Hanover	4,496.8	418.2	4,078.5	4,313.7	471.0	3,842.7	4,140.1	501.3	3,638.8	3,697.5	436.6	3,260.9	3,368.6	435.1	2,933.5
State of NC	3,506.2	339.5	3,166.6	3,287.2	333.0	2,954.1	3,174.3	356.2	2,818.2	3,154.5	374.9	2,779.7	3,061.5	383.7	2,677.8

Source: NC State Bureau of Investigation, Crime in North Carolina, North Carolina Crime Statistics (by Year).

Type of Crime	Number of Crimes				
	2013	2014	2015	2016	2017
Violent Crime	223	162	146	170	190
<i>Murder</i>	2	2	0	2	3
<i>Rape</i>	17	27	23	16	25
<i>Robbery</i>	45	18	27	25	25
<i>Aggravated Assault</i>	159	115	96	127	137
Property Crime	3,378	2,471	1,867	2,206	2,063
<i>Burglary</i>	1,463	979	727	699	633
<i>Larceny</i>	1,799	1,382	1,087	1,421	1,358
<i>Motor Vehicle Theft</i>	116	110	53	86	72
Total Index Crime	3,601	2,633	2,017	2,376	2,253

Source: NC State Bureau of Investigation, Crime in North Carolina, North Carolina Crime Statistics, Crime Statistics in Detailed Reports (By Year)

### Sexual Assault and Domestic Violence

Table 51. Number of Individuals Filing Sexual Assault Complaints (Clients), Fiscal Years 2013-2018.					
County	Number of Individuals Filing Complaints (Clients)				
	FY2013-14	FY2014-15	FY2015-16	FY2016-17	FY2017-18
Brunswick	129	131	156	174	122
Carteret	151	179	204	155	180
New Hanover	332	322	347	396	315
State of NC	13,736	13,655	10,981	9,453	10,780

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

Table 52. Sexual Assault Details, by Type of Assault, 2018.																
Location	Total Assault Clients	Type of Assault														
		Adult Rape		Date Rape		Adult Survivor of Child Sexual Assault		Marital Rape		Child Sexual Offense		Incest		Other		
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%	
Brunswick County	122	64	52.5	0	0	14	11.5	0	0	44	36.1	0	0	0	0	
Carteret County	180	29	16.1	18	10.0	65	36.0	8	4.4	24	13.3	36	20.0	0	0	
New Hanover County	315	213	67.6	0	0	39	12.4	0	0	63	20.0	0	0	0	0	
State of NC	10,780	3,974	36.9	440	4.1	1,392	12.9	507	4.7	2,478	23.0	382	3.5	1,591	14.8	

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

Table 53. Sexual Assault Details, by Type of Offender, 2018.													
Location	Total Offenders	Type of Offender											
		Relative		Acquaintance		Boy/Girl Friend		Stranger		Unknown			
		No.	%	No.	%	No.	%	No.	%	No.	%		
Brunswick County	122	19	15.6	38	31.2	8	6.6	5	4.1	52	42.6		

Carteret County	176	93	52.8	80	45.5	3	1.7	0	0	0	0
New Hanover County	315	36	11.4	83	26.4	29	9.2	44	14.0	123	39.1
State of NC	10,421	3,054	29.3	2,998	28.8	1,463	14.0	597	5.7	2,309	22.2

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

**Table 54. Number of Individuals Filing Domestic Violence Complaints (Clients), Fiscal Years 2013-2018.**

Location	Number of Individuals Filing Complaints (Clients)				
	FY2013-14	FY2014-15	FY2015-16	FY2016-17	FY2017-18
Brunswick County	441	298	1,359	437	410
Carteret County	323	221	182	242	264
New Hanover County	1,913	1,851	454	1,228	1,244
State of NC	55,274	56,664	101,940	51,074	52,187

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

**Table 55. Services Received by Sexual Assault Clients, 2018.**

Location	Total Sexual Assault Clients	Services Received							
		Total	Information	Advocacy	Referral	Transport	Counseling	Hospital	Court
Brunswick County	122	825	55	154	2	1	572	29	12
Carteret County	180	1,804	804	306	25	57	588	8	16
New Hanover County	315	1,902	239	410	40	56	991	109	57
State of NC	10,780	125,083	44,575	30,823	13,090	5,622	24,488	1,652	4,833

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

**Table 56. Services Received by Domestic Violence Clients, 2018.**

County	Total Domestic Violence Clients	Services Received						
		Total	Information	Advocacy	Referral	Transport	Counseling	Hospital
Brunswick	410	11,709	1,621	3,077	2,529	178	159	10
Carteret	264	2,694	991	260	682	130	371	29

County	Total Domestic Violence Clients	Services Received						
		Total	Information	Advocacy	Referral	Transport	Counseling	Hospital
New Hanover	1,244	16,271	6,751	799	1,585	3,968	251	24
State of NC	52,187	507,861	152,447	105,983	85,952	29,797	56,403	1,131

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

County	Total Domestic Violence Clients	Services Received						Number of Days Local Shelter was Full
		Court	Job Counseling	Job Training	Financial Services	Health Education	Educational Services	
Brunswick	410	1,592	36	26	1,008	821	652	74
Carteret	264	72	23	43	48	40	5	132
New Hanover	1,244	1,308	301	48	500	554	182	204
State of NC	52,187	49,509	4,581	2,801	7,375	5,622	6,260	10,309

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

Location	Number of Domestic Violence Related Homicides				
	2014	2015	2016	2017	2018
Brunswick County	1	0	2	0	1
Carteret County	1	0	0	0	1
New Hanover County	1	3	1	4	0
State of NC	111	91	110	110	103

Source: NC State Bureau of Investigation, Services, SBI Statistics, Domestic Violence Report

## Child Abuse Neglect and Exploitation

Category	2013-14	2014-15	2015-16	2016-17	2017-18
<b>Total No. of Investigated Reports of Abuse and Neglect</b>	<b>648</b>	<b>635</b>	<b>630</b>	<b>718</b>	<b>800</b>
<b>No. Substantiated Findings of Abuse and Neglect</b>	<b>0</b>	<b>16</b>	<b>5</b>	<b>1</b>	<b>9</b>
<b>No. Substantiated Findings of Abuse</b>	<b>11</b>	<b>18</b>	<b>7</b>	<b>7</b>	<b>5</b>
<b>No. Substantiated Findings of Neglect</b>	<b>59</b>	<b>29</b>	<b>29</b>	<b>34</b>	<b>39</b>
<b>Services Needed</b>	<b>29</b>	<b>45</b>	<b>44</b>	<b>69</b>	<b>65</b>
<b>Services Recommended</b>	<b>233</b>	<b>195</b>	<b>178</b>	<b>233</b>	<b>261</b>
<b>No. Unsubstantiated Findings</b>	<b>89</b>	<b>79</b>	<b>97</b>	<b>88</b>	<b>113</b>
<b>Services Not Recommended</b>	<b>179</b>	<b>174</b>	<b>216</b>	<b>254</b>	<b>291</b>

Source: Child Welfare, Reports of Abuse and Neglect section, Investigated Reports of Abuse and Neglect: Type of Finding/Decision.

Location	Category	2015		2016		2017	
		No.	%	No.	%	No.	%
Brunswick County	Investigated	1,119	54.3	1,295	62.5	1,424	68.9
	Substantiated	105	5.1	135	6.5	96	4.6
Carteret County	Investigated	811	64.7	802	64.6	764	61.8
	Substantiated	45	3.6	53	4.3	94	7.6
New Hanover County	Investigated	3,101	73.5	3,263	77.0	3,466	80.9
	Substantiated	196	4.6	284	6.7	269	6.3
State of NC	Investigated	129,274	56.5	128,502	56.0	119,837	52.1
	Substantiated	9,450	4.1	8,838	3.9	7,437	3.2

Source: Duncan, D. F., Stewart, C. J., Vaughn, J. S, Guest, S., Rose, R. A, Malley, K., and Gwaltney, A. Y. (2018). Management Assistance for Child Welfare, Work First, and Food & Nutrition Services in North Carolina (v3.21), University of North Carolina

Table 60. Referral Source of Investigated Reports of Abuse and Neglect in Brunswick County, 2013-2018.					
Category	2013-14	2014-15	2015-16	2016-17	2017-18
Total	648	635	630	718	800
Anonymous	75	48	51	57	66
Care Provider	2	12	1	4	4
Educational Personnel	86	86	101	94	92
Law Court	175	175	157	186	188
Medical Personnel	105	87	77	80	103
Relative	47	69	58	70	49
Non-Relative	57	49	66	71	64
Human Services	58	62	89	119	202
Victim	1	5	0	2	3
Parental	53	46	30	40	39

Source: UNC-CH School of Social Work, Management Assistance for Child Welfare, Reports of Abuse and Neglect section, Investigated Reports of Abuse and Neglect: Referral Source

## Section II. Health Outcome Indicators.

Table 61. County Health Rankings, 2018.								
Location	County Rank (Out of 100; 1= Best)							
	Health Outcomes			Health Factors				
	Length of Life	Quality of Life	Overall Outcomes Rank	Health Behaviors	Clinical Care	Social & Economic Factors	Physical Environment	Overall Factors Rank
Brunswick County	50	27	34	10	27	58	17	25
Carteret County	40	9	20	23	21	25	35	21
New Hanover County	24	17	19	20	6	28	44	13

Source: County Health Rankings and Roadmaps, 2019.

<b>Table 62. County Health Rankings Details, 2019</b>					
<b>Outcome or Determinant</b>	<b>Brunswick</b>	<b>Carteret</b>	<b>New Hanover</b>	<b>NC County Average</b>	<b>Top US Performers</b>
<b>Mortality (Length of Life)</b>	<b>50</b>	<b>40</b>	<b>24</b>		
Premature death	8,829	8,163	7,529	7,611	5,200
<b>Morbidity (Quality of Life)</b>	<b>27</b>	<b>9</b>	<b>17</b>		
Poor or fair health	16%	14%	15%	18%	12%
Poor physical health days	3.8	3.5	3.7	3.6	3.0
Poor mental health days	3.9	3.9	4.0	3.9	3.1
Low birthweight	9%	7%	8%	9%	6%
<b>Health Factors</b>	<b>25</b>	<b>21</b>	<b>13</b>		
<i>Health Behaviors</i>	<b>10</b>	<b>23</b>	<b>20</b>		
Adult smoking	15%	18%	18%	18%	14%
Adult obesity	29	28	24	30	25
Food environment index	6%	7%	8%	6.6%	8.7%
Physical inactivity	22%	24%	19%	23%	19%
Access to exercise opportunities	76%	91%	87%	73%	91%
Excessive drinking	15%	18%	19%	17%	13%
Alcohol-impaired driving deaths	35%	29%	32%	30%	13%
Sexually transmitted disease rate (Chlamydia cases per 100,000)	283.5	281.7	531.0	577.6	152.8
Teen births	31	22	16	27	14
<i>Clinical Care</i>	<b>27</b>	<b>21</b>	<b>6</b>		
Uninsured	15%	12%	11%	12%	6%
Primary care physicians (ratio)	2,150:1	1,300:1	1,100:1	1,420:1	1,050:1
Dentists (ratio)	2,910:1	1,350:1	1,310:1	1,800:1	1,260:1
Mental health providers (ratio)	1,210:1	680:1	260:1	440:1	310:1
Preventable hospital stays (rate)	4,083	3,957	4,469	4,702	2,765
Mammography screening	55%	47%	50%	45%	49%
Flu vaccinations	55%	46%	55%	50%	52%
<i>Social and Economic Factors</i>	<b>58</b>	<b>25</b>	<b>28</b>		
High school graduation	84%	85%	86%	86%	96%
Some college	62%	70%	75%	67%	73%
Unemployment	5.7%	4.9%	4.2%	4.6%	2.9%
Children in poverty	22%	21%	21%	21%	11%

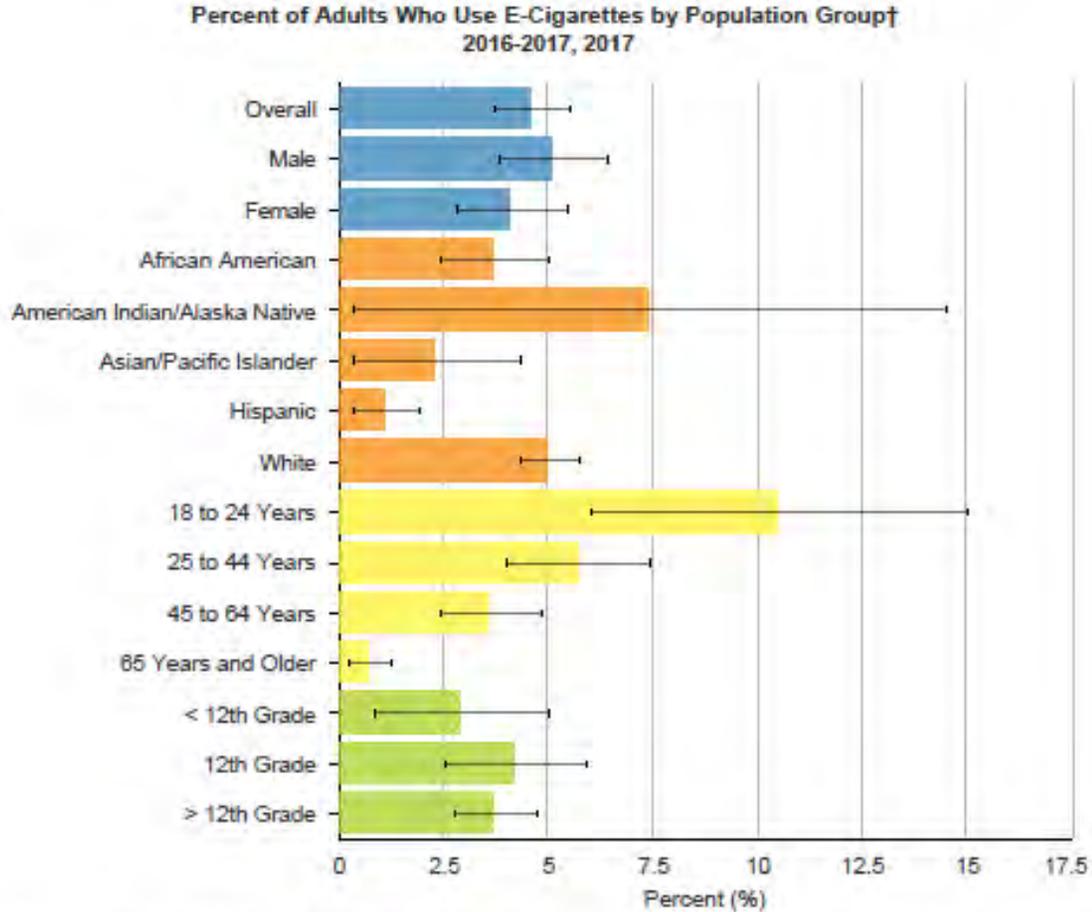
<b>Table 62. County Health Rankings Details, 2019</b>					
<b>Outcome or Determinant</b>	<b>Brunswick</b>	<b>Carteret</b>	<b>New Hanover</b>	<b>NC County Average</b>	<b>Top US Performers</b>
<b>Income inequality</b>	<b>4.3</b>	<b>4.5</b>	<b>5.2</b>	<b>4.8</b>	<b>3.7</b>
<b>Children in single-parent households</b>	<b>37%</b>	<b>33%</b>	<b>38%</b>	<b>35%</b>	<b>20%</b>
<b>Social associations (rate)</b>	<b>8.9</b>	<b>14.5</b>	<b>10.1</b>	<b>11.5</b>	<b>21.9</b>
<b>Violent crime (rate)</b>	<b>141</b>	<b>--</b>	<b>447</b>	<b>351</b>	<b>63</b>
<b>Injury deaths</b>	<b>83</b>	<b>88</b>	<b>73</b>	<b>71</b>	<b>57</b>
<b><i>Physical Environment</i></b>	<b>17</b>	<b>35</b>	<b>44</b>		
<b>Air pollution - particulate matter</b>	<b>9.3</b>	<b>8.7</b>	<b>8.4</b>	<b>9.8</b>	<b>6.1</b>
<b>Drinking water violations</b>	<b>No</b>	<b>Yes</b>	<b>Yes</b>		
<b>Severe housing problems</b>	<b>16%</b>	<b>16%</b>	<b>20%</b>	<b>16%</b>	<b>9%</b>
<b>Driving alone to work</b>	<b>79%</b>	<b>80%</b>	<b>80%</b>	<b>81%</b>	<b>72%</b>
<b>Long commute - driving alone</b>	<b>31%</b>	<b>30%</b>	<b>18%</b>	<b>32%</b>	<b>15%</b>

Source: County Health Rankings and Roadmaps, 2019.

<b>Table 64. Tobacco Use – Percent of People Who Use E-Cigarettes in North Carolina, by Age Group and Gender, 2017.</b>	
<b>Age Group/Gender</b>	<b>%</b>
<b>Adult – Overall (18+ years)</b>	<b>4.6</b>
<b>Male</b>	<b>5.1</b>
<b>Female</b>	<b>4.1</b>
<b>Middle School – Overall</b>	<b>5.3</b>
<b>Male</b>	<b>4.7</b>
<b>Female</b>	<b>5.5</b>
<b>High School – Overall</b>	<b>12.1</b>
<b>Male</b>	<b>14.6</b>
<b>Female</b>	<b>9.3</b>
<b>High School – National</b>	<b>8.8</b>

Source: Behavioral Risk Factor Surveillance System (BRFSS). Youth Risk Behavior Surveillance System (YRBSS). Youth Tobacco Survey (YTS). Centers for Disease Control and Prevention’s State Tobacco Activities Tracking and Evaluation (STATE) System State Highlights, 2019.

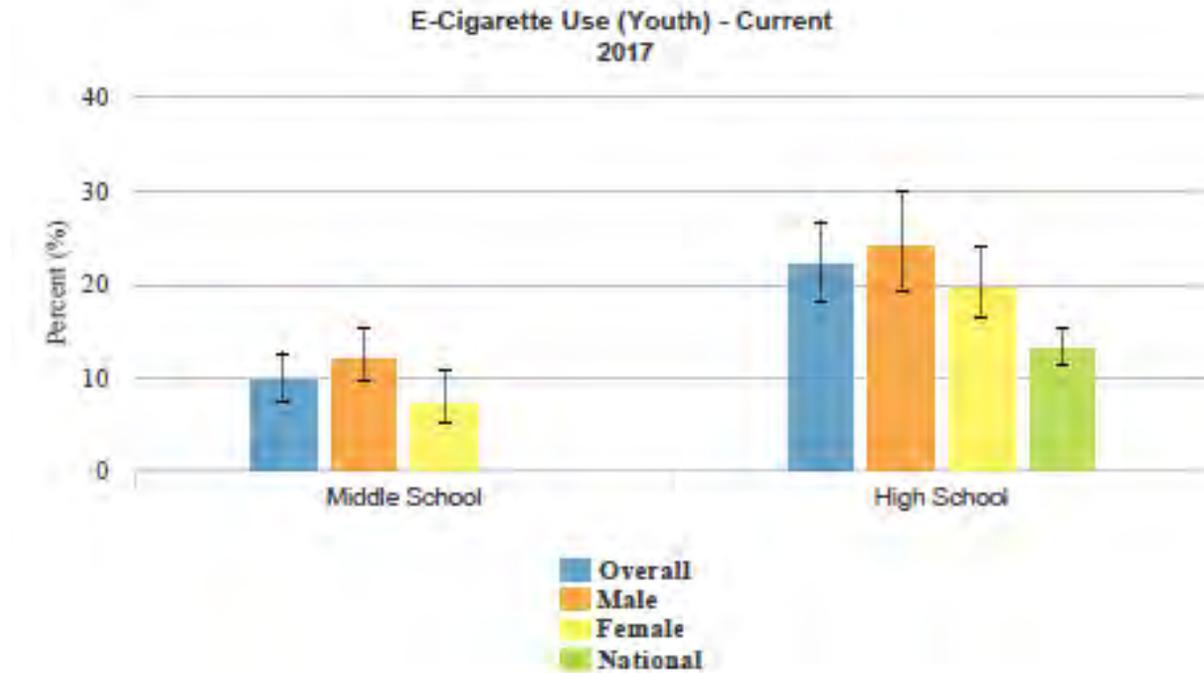
Figure 1. Tobacco Use - E-Cigarette Use among Adults (18+) in North Carolina, 2016-2017.



† Estimates for education are based on adults aged 20 years and older. Estimates for racial/ethnic groups are based on combined data for two years.

Source: Behavioral Risk Factor Surveillance System (BRFSS). Centers for Disease Control and Prevention’s State Tobacco Activities Tracking and Evaluation (STATE) System State Highlights, 2019.

Figure 2. Tobacco Use- E-Cigarette Use among Youth in Middle and High Schools in North Carolina, 2017.



Note: YRBS questionnaires have changed over time to accommodate evolving priorities and improvements in question wording and design.

Data are not based on public-schools only sample. This sample may include private schools, charter schools, or other types of schools for specific states. Please consult YRBS methodology for additional details.

Source: Youth Risk Behavior Surveillance System (YRBSS). Youth Tobacco Survey (YTS). Centers for Disease Control and Prevention’s State Tobacco Activities Tracking and Evaluation (STATE) System State Highlights, 2019.

## Maternal and Infant Health Pregnancy and Birth Rates

Table 65. Pregnancy, Fertility, and Abortion Rates (per 1,000 births) for Women of Childbearing Age (15-44) and Teenagers (15-19), 2018						
Location	Ages 15-44			Ages 15-19		
	Pregnancy Rate	Fertility Rate	Abortion Rate	Pregnancy Rate	Fertility Rate	Abortion Rate
<b>Brunswick County, Total</b>	<b>61.3</b>	<b>53.4</b>	<b>7.4</b>	<b>29.1</b>	<b>25.1</b>	<b>*</b>
<b>White, Non- Hispanic</b>	<b>60.9</b>	<b>53.7</b>	<b>6.7</b>	<b>26.0</b>	<b>23.9</b>	<b>*</b>
<b>African American, Non-Hispanic</b>	<b>54.3</b>	<b>41.7</b>	<b>11.9</b>	<b>*</b>	<b>*</b>	<b>*</b>
<b>American Indian, Non-Hispanic</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>
<b>Other, Non-Hispanic</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>
<b>Hispanic</b>	<b>83.2</b>	<b>79.5</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>
<b>Carteret County, Total</b>	<b>55.4</b>	<b>47.9</b>	<b>7.3</b>	<b>15.7</b>	<b>12.8</b>	<b>*</b>
<b>White, Non- Hispanic</b>	<b>55.2</b>	<b>47.7</b>	<b>7.3</b>	<b>14.0</b>	<b>13.9</b>	<b>*</b>
<b>African American, Non-Hispanic</b>	<b>53.4</b>	<b>48.8</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>
<b>American Indian, Non-Hispanic</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>
<b>Other, Non-Hispanic</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>
<b>Hispanic</b>	<b>73.9</b>	<b>65.1</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>
<b>New Hanover County, Total</b>	<b>54.8</b>	<b>43.2</b>	<b>11.4</b>	<b>14.8</b>	<b>10.2</b>	<b>4.3</b>
<b>White, Non- Hispanic</b>	<b>45.9</b>	<b>37.0</b>	<b>8.7</b>	<b>8.2</b>	<b>4.1</b>	<b>4.1</b>
<b>African American, Non-Hispanic</b>	<b>79.9</b>	<b>56.0</b>	<b>23.4</b>	<b>35.7</b>	<b>27.0</b>	<b>*</b>
<b>American Indian, Non-Hispanic</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>
<b>Other, Non-Hispanic</b>	<b>49.6</b>	<b>40.9</b>	<b>*</b>	<b>*</b>	<b>*</b>	<b>*</b>
<b>Hispanic</b>	<b>108.9</b>	<b>95.8</b>	<b>13.1</b>	<b>43.7</b>	<b>42.0</b>	<b>*</b>
<b>State of NC, Total</b>	<b>70.1</b>	<b>58.4</b>	<b>11.3</b>	<b>24.6</b>	<b>18.7</b>	<b>5.6</b>
<b>White, Non- Hispanic</b>	<b>60.5</b>	<b>54.0</b>	<b>6.2</b>	<b>16.1</b>	<b>12.9</b>	<b>3.1</b>

Table 65. Pregnancy, Fertility, and Abortion Rates (per 1,000 births) for Women of Childbearing Age (15-44) and Teenagers (15-19), 2018						
Location	Ages 15-44			Ages 15-19		
	Pregnancy Rate	Fertility Rate	Abortion Rate	Pregnancy Rate	Fertility Rate	Abortion Rate
African American, Non-Hispanic	78.6	57.2	20.8	33.7	24.1	9.4
American Indian, Non-Hispanic	71.6	61.3	9.7	43.6	38.3	6.7
Other, Non-Hispanic	72.9	63.8	8.9	11.0	6.9	3.8
Hispanic	95.1	82.1	12.5	41.4	34.3	6.9

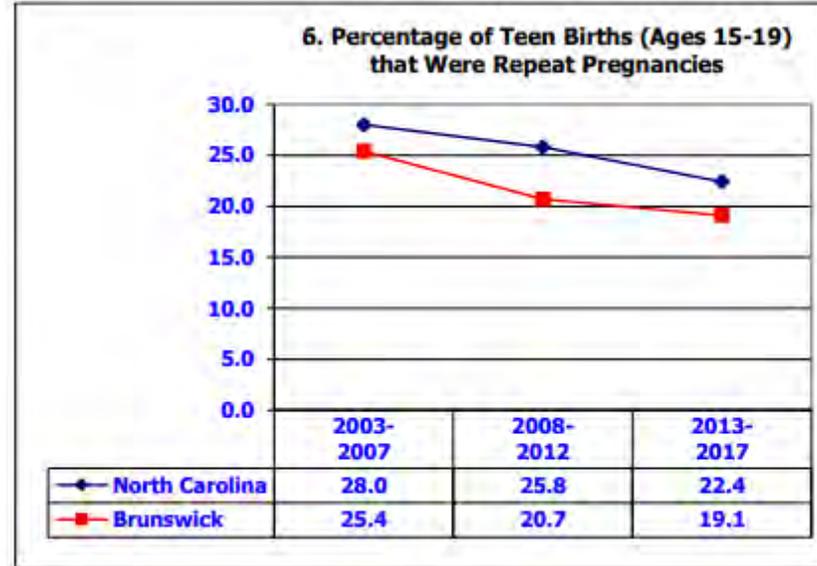
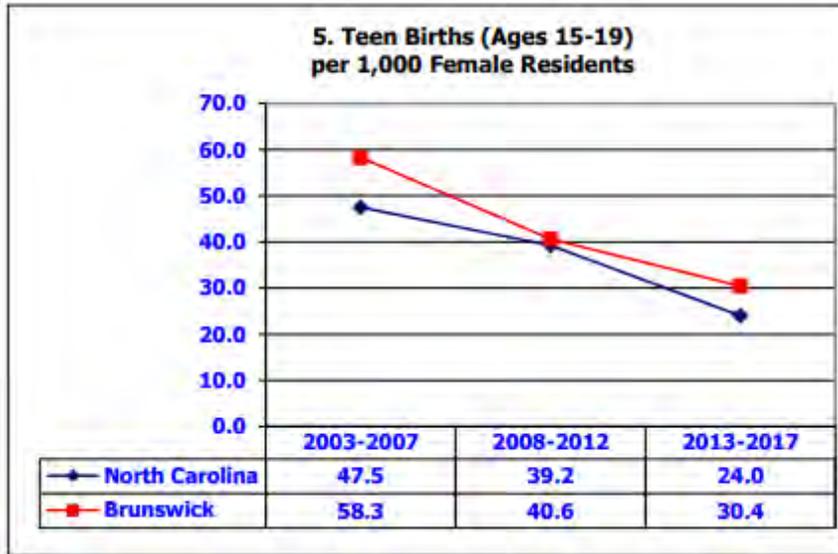
Note: Missing data indicate fewer than 10 cases and/or unstable rates.

Source: NC Center for Health Statistics, County-level Data, County Health Data Books: Pregnancy and Live Births

Table 66. Counts and Rates (per 1,000 births) of Teen Pregnancies, Ages 15-19, 2016-2018.						
Location	Number of Pregnancies, Ages 15-19					
	2016		2017		2018	
	No.	%	No.	%	No.	%
Brunswick County	100	37.9	88	33.2	80	29.1
Carteret County	29	16.6	34	19.8	27	15.7
New Hanover County	120	16.6	131	17.9	120	14.8
State of NC	9,255	28.1	8,849	26.7	8,255	24.6

Source: NC State Center for Health Statistics, North Carolina Health Data Query System, Pregnancy Data

Figure 3. Teen Birth Rates (per 1,000 Females) in Brunswick County. Figure 4. Percent of Repeat Teen Births (Ages 15-19)



Source: NC State Center for Health Statistics, Statistics and Reports, County Data, North Carolina County Trends in Key Health Indicators.

**Table 67. Rates (per 1,000 births) of Teen Pregnancies, Ages 15-17, 2013-2018.**

Location	2013	2014	2015	2016	2017	2018
Brunswick	15.9	16.2	16.0	19.0	13.2	LNE
Carteret	LNE	LNE	LNE	LNE	LNE	LNE
New Hanover	12.9	13.0	10.6	8.9	11.5	6.5
State of NC	16.6	15.5	14.3	12.8	11.7	10.6

Source: North Carolina Department of Health and Human Services, State Health Center for Health Statistics, North Carolina Reported Pregnancies.

\*LNE (Low Number Events) refers to data that have been suppressed because there were fewer than 20 cases in the numerator.

## Pregnancy Risk Factors

Table 68. Five-Year Aggregates of High Parity and Short Interval Births, 2013-2017.						
Location	High Parity Births				Short Interval Births	
	Mothers < 30		Mothers ≥ 30		No.	%
	No.	%	No.	%		
Brunswick County	416	13.3	419	20.8	49,477	12.3
Carteret County	205	12.0	217	17.3	416	12.2
New Hanover County	764	13.4	1,152	20.4	249	12.4
State of NC	49,251	13.8	54,204	22.2	899	11.9

Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Pregnancy and Births

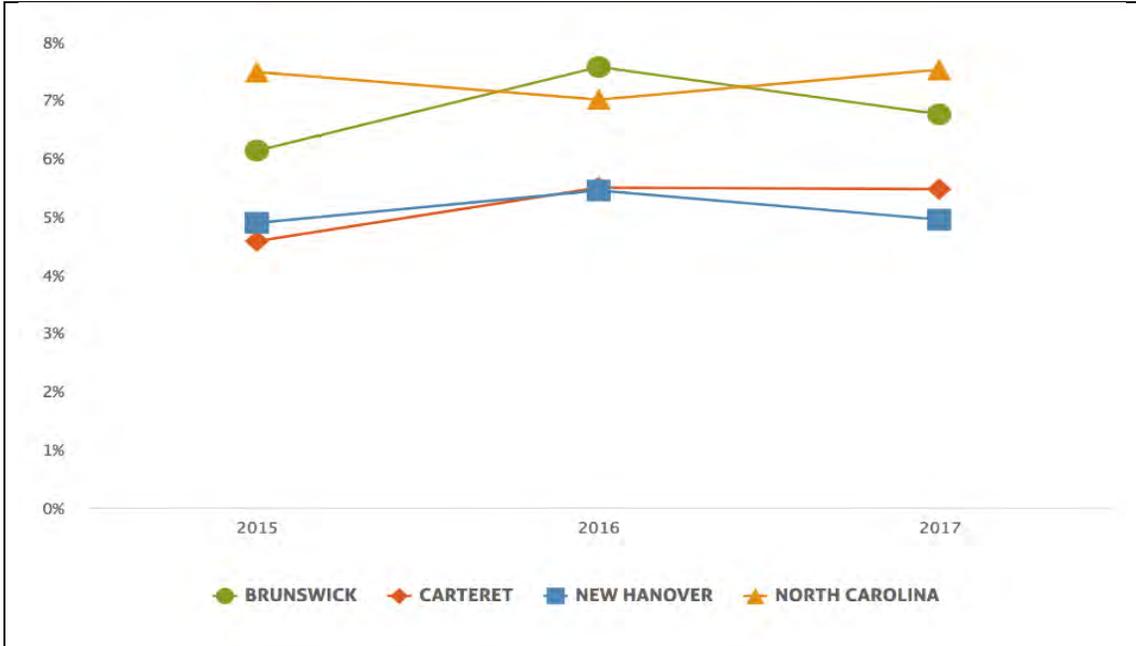
Table 69. Prenatal Indicators – Maternal Smoking during Pregnancy, 2018.			
Location	Smoked During Pregnancy		
	No.	Rate 2018	Rate 2014-2018
Brunswick County	156	15.8	15.6
Carteret County	80	16.0	15.7
New Hanover County	162	7.5	7.9
State of NC	9,938	8.4	9.0

Source: NC State Center for Health Statistics, Basic Automated Birth Yearbook (BABY Book), 2018

Table 70. Percent of births with very late or no prenatal care, 2015-2018								
Location	2015		2016		2017		2018	
	No.	%	No.	%	No.	%	No.	%
Brunswick County	64	6.1	74	7.6	68	6.8	49	5.0
Carteret County	28	4.6	30	5.5	31	5.5	26	5.2
New Hanover County	113	4.9	122	5.4	112	4.9	104	4.8
State of NC	9,038	7.5	8,461	7.0	9,035	7.5	7,007	5.9

Source: N.C. Department of Health and Human Services, State Center for Health Statistics. North Carolina Live Birth Data.

Figure 5. Comparing Percent of births with very late or no prenatal care beginning 2011 in North Carolina.



**Source: NC Child, KIDS COUNT Data Center. North Carolina Department of Health and Human Services, State Health Center for Health Statistics, North Carolina Reported Pregnancies.**

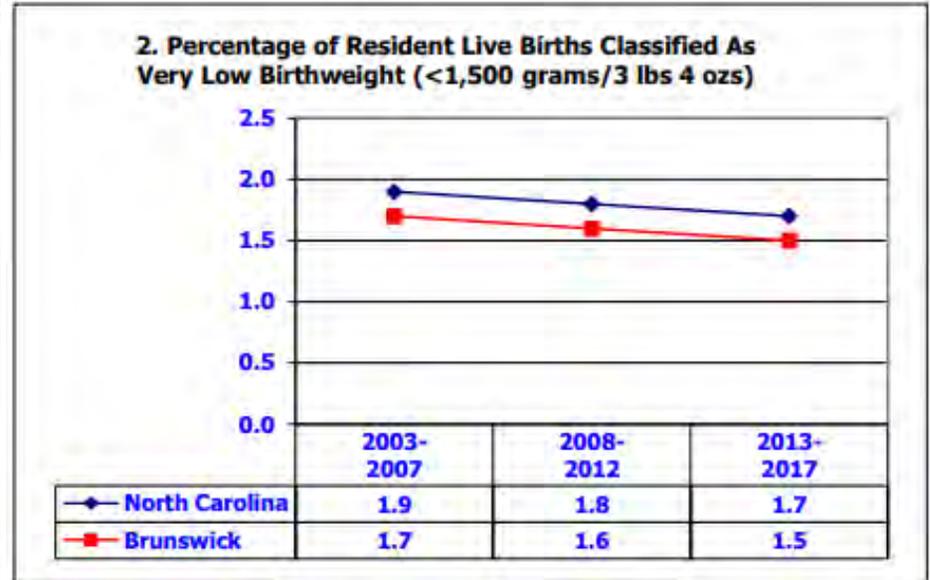
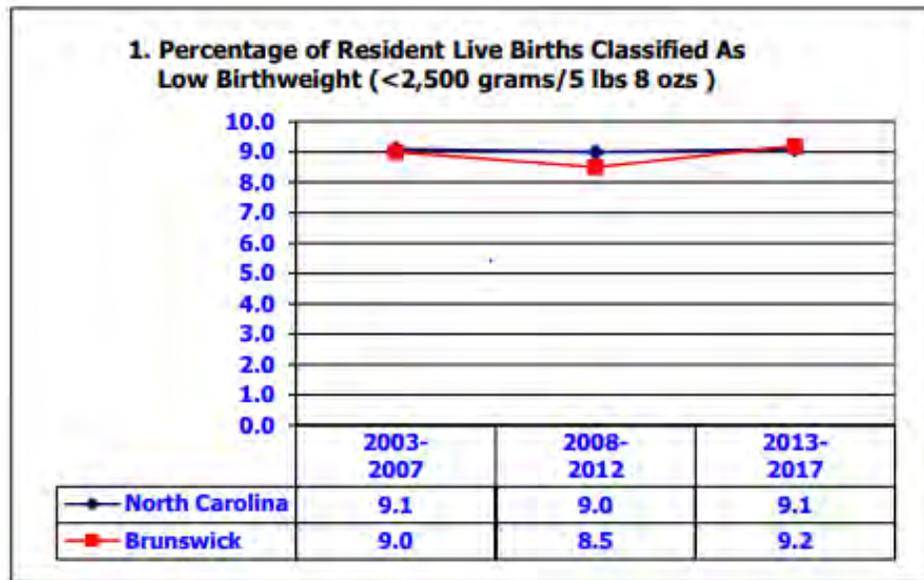
## Pregnancy Outcomes

Location	Percentage of Low Birth Weight (< 2,500 Gram) Births				
	Total	White, Non-Hispanic	Black, Non-Hispanic	Other Non-Hispanic	Hispanic
Brunswick County	9.2	9.1	13.1	2.8	6.9
Carteret County	7.6	7.4	13.1	5.5	6.9
New Hanover County	8.0	6.4	15.1	6.7	6.5
State of NC	9.1	9.5	7.5	14.1	7.1

Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Pregnancy and Births

Percentage of Resident Low Birthweight Live Births.

Percentage of Resident Very Low Birthweight Live Births.



Source: NC State Center for Health Statistics, Statistics and Reports, County Data, North Carolina County Trends in Key Health Indicators.

Location	Infant Deaths									
	Total		White, Non-Hispanic		Black, Non-Hispanic		Other Non-Hispanic		Hispanic	
	No.	%	No.	%	No.	%	No.	%	No.	%
Brunswick County	31	6.1	23	5.9	4	*	0	*	4	*
Carteret County	18	*	14	*	3	*	0	*	1	*
New Hanover County	56	5.0	32	4.2	20	10.0	1	*	3	*
State of NC	4,275	7.1	1,716	5.2	1,820	12.7	226	6.3	513	5.6

Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2020), Pregnancy and Births

Location	2014		2015		2016		2017		2018	
	No.	%								
Brunswick County	4	3.6*	2	1.9*	9	9.2*	5	5.0*	11	11.1
Carteret County	3	5.2*	4	6.5*	4	7.3*	3	5.3*	4	8*
New Hanover County	3	1.3*	8	3.5*	15	6.7	14	6.2	16	7.5
State of NC	860	7.1	884	7.3	873	7.2	852	7.1	806	6.8

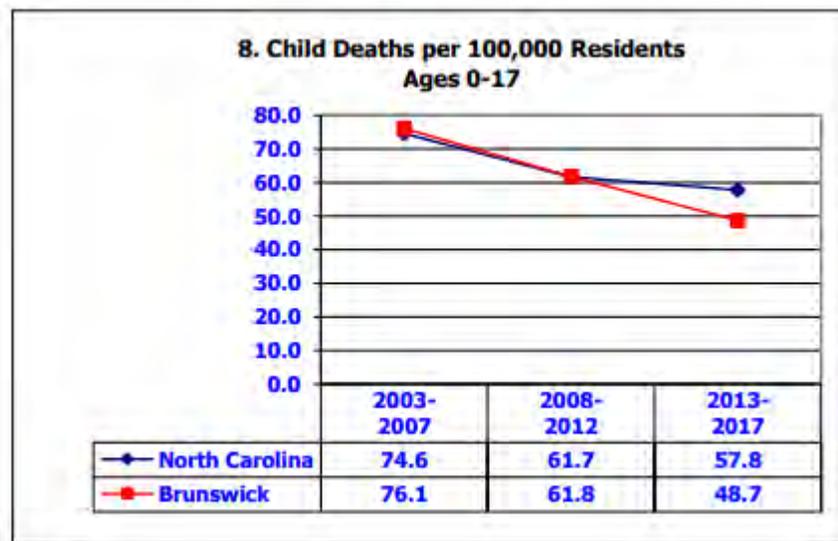
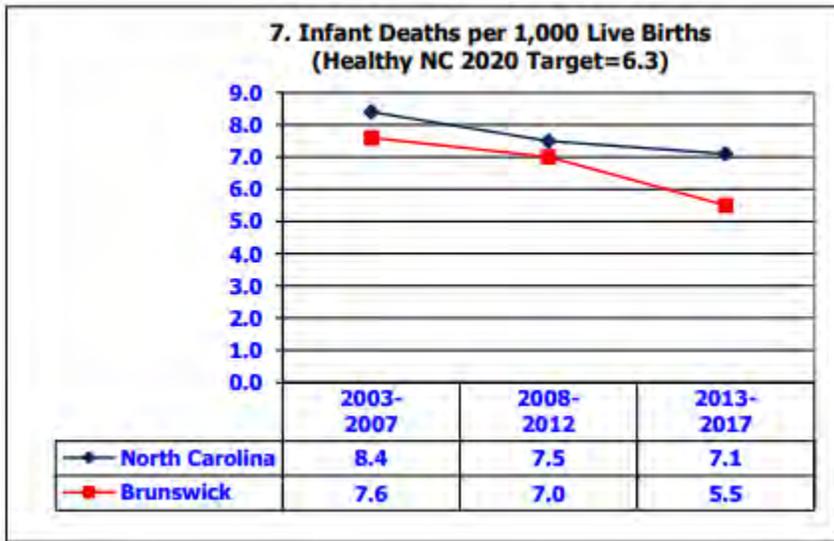
\*Note: Rate based on small numbers (fewer than 10) are statistically unstable and should be interpreted with caution.

Source: NC Department of Health & Human Services State Center for Health Statistics, 24SEP2019

Location	Ages 0-17				Ages 1-17			
	2013-2017		2017		2013-2017		2017	
	No.	%	No.	%	No.	%	No.	%
Brunswick County	50	48.7	8 *	38.7	22	22.6	3*	15.3
Carteret County	30	47.9	5*	40.4	10	16.8	2*	17.0
New Hanover County	98	46.5	24	56.0	46	23.1	10	24.7
State of NC	6623	57.8	1313	57.0	2322	21.4	461	21.1

\*Note: Rate based on fewer than 10 deaths are statistically unstable and should be interpreted with caution.

Source: NC Department of Health & Human Services State Center for Health Statistics.



Source: NC State Center for Health Statistics, Statistics and Reports, County Data, North Carolina County Trends in Key Health Indicators.

### Leading Causes of Death Morbidity & Mortality

**Table 75. Life Expectancy for Persons Born in 2015-2017.**

Location	Life Expectancy (Years)				
	Person Born in 2015-2017				
	Overall	Male	Female	White	African-American
Brunswick County	78.3*	75.4	81.3	78.3	77.8
Carteret County	78.3	75.4	81.3	78.2	79.9
New Hanover County	78.9	76.1	81.5	80.0	73.0
State of NC	77.0	74.4	79.6	77.9	74.5

Source: NC State Center for Health Statistics, County-level Data, Life Expectancies Reports.

\*Note: Healthy NC 2030 indicator

**Table 76. Top 10 Leading Causes of Death in Brunswick County, Five Year Counts and Rates (age-adjusted per 100,000 population), 2013-2017.**

Rank/Cause of Death	Brunswick County		Carteret County		New Hanover County		State of NC	
	Number	Rate	Number	Rate	Number	Rate	Number	Rate
<b>1. All Cancers</b>	<b>1,720</b>	<b>161.4</b>	<b>926</b>	<b>168.6</b>	<b>2,117</b>	<b>157.3</b>	<b>96,225</b>	<b>164.1</b>
Trachea, Bronchus, Lung	534	47.8	286	50.6	646	47.7	27,449	45.9
Colon, Rectum, & Anus	129	12.9	80	15.4	119	8.8	7,942	13.7
Pancreas	112	10.1	64	11.4	136	9.9	6,507	11.0
Female Breast	106	19.5	45	14.9	159	21.7	6,728	20.9
Prostate	87	19.7	41	17.8	101	18.1	4,477	19.7
<b>2. Diseases of the Heart</b>	<b>1,538</b>	<b>161.4</b>	<b>860</b>	<b>158.7</b>	<b>1,965</b>	<b>146.5</b>	<b>90,942</b>	<b>159.8</b>
<b>3. Chronic Lower Respiratory Disease</b>	<b>472</b>	<b>45.8</b>	<b>247</b>	<b>44.0</b>	<b>428</b>	<b>31.5</b>	<b>26,092</b>	<b>45.5</b>
<b>4. Cerebrovascular Disease</b>	<b>387</b>	<b>40.4</b>	<b>200</b>	<b>36.2</b>	<b>753</b>	<b>57.2</b>	<b>24,232</b>	<b>43.2</b>
<b>5. All Other Unintended Injuries</b>	<b>291</b>	<b>49.2</b>	<b>188</b>	<b>48.5</b>	<b>435</b>	<b>38.9</b>	<b>18,046</b>	<b>34.6</b>
<b>6. Alzheimer's Disease</b>	<b>217</b>	<b>24.8</b>	<b>99</b>	<b>18.3</b>	<b>260</b>	<b>19.8</b>	<b>18,360</b>	<b>33.7</b>
<b>7. Diabetes Mellitus</b>	<b>170</b>	<b>27.7</b>	<b>92</b>	<b>26.8</b>	<b>205</b>	<b>18.6</b>	<b>13,549</b>	<b>23.3</b>
<b>8. Nephritis, Nephrotic Syndrome, and Nephrosis</b>	<b>125</b>	<b>12.9</b>	<b>76</b>	<b>14.2</b>	<b>202</b>	<b>15.3</b>	<b>9,435</b>	<b>16.6</b>
<b>9. Pneumonia and Influenza</b>	<b>104</b>	<b>11.7</b>	<b>72</b>	<b>13.7</b>	<b>146</b>	<b>11.1</b>	<b>9,887</b>	<b>17.6</b>
<b>10. Unintentional Motor Vehicle Injuries</b>	<b>97</b>	<b>18.0</b>	<b>29</b>	<b>8.0</b>	<b>123</b>	<b>10.7</b>	<b>7,318</b>	<b>14.2</b>
<b>Total Deaths All Causes (incl. some not listed above)</b>	<b>6,797</b>	<b>1108.9</b>	<b>3,862</b>	<b>1124.3</b>	<b>9,437</b>	<b>858.4</b>	<b>441,359</b>	<b>782.8</b>

Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality.

**Table 77. Top 10 Leading Causes of Death in Brunswick County, Five Year Counts and Rates (per 100,000 population) by Sex, 2013-2017.**

Cause of Death	Brunswick County				Carteret County				New Hanover County				State of NC Rate	
	Males		Females		Males		Females		Males		Females		Males	Females
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate		
<b>1. Cancer</b>	<b>997</b>	<b>203.3</b>	<b>723</b>	<b>126.3</b>	<b>528</b>	<b>209.0</b>	<b>398</b>	<b>135.3</b>	<b>1,115</b>	<b>192.0</b>	<b>1,002</b>	<b>113.0</b>	<b>201.3</b>	<b>137.5</b>
<b>2. Diseases of the Heart</b>	<b>866</b>	<b>196.2</b>	<b>672</b>	<b>130.1</b>	<b>465</b>	<b>192.6</b>	<b>395</b>	<b>128.5</b>	<b>992</b>	<b>178.5</b>	<b>973</b>	<b>121.2</b>	<b>204.8</b>	<b>125.1</b>

Cause of Death	Brunswick County				Carteret County				New Hanover County				State of NC Rate	
	Males		Females		Males		Females		Males		Females		Males	Females
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate		
3. Chronic Lower Respiratory Diseases	223	49.0	249	43.7	115	44.5	132	43.4	208	36.5	220	28.4	51.2	41.9
4. Cerebrovascular Disease	163	36.1	224	42.5	84	34.7	116	36.8	310	60.0	443	54.2	44.2	41.7
5. All Other Unintended Injuries	188	68.0	103	31.2	120	67.2	68	29.4	281	54.1	154	25.3	45.5	24.8
6. Alzheimer's Disease	76	20.3	141	27.7	42	18.5	57	18.1	83	17.0	177	21.9	26.4	37.7
7. Diabetes Mellitus	108	24.8	62	12.6	52	20.2	40	13.9	101	17.7	104	13.5	28.5	19.1
8. Nephritis, Nephrotic Syndrome, and Nephrosis	64	13.6	61	12.5	42	17.6	34	11.4	107	19.5	95	12.6	19.9	14.5
9. Pneumonia and Influenza	53	13.0	51	10.9	33	14.9	39	12.7	81	15.5	65	8.3	20.4	15.8
10. Unintentional Motor Vehicle Injuries	67	26.8	30	9.5	24	13.2	5	N/A	91	16.6	32	5.2	20.9	8.0
Total Deaths All Causes (incl. some not listed above)	3,664	867.7	3,133	615.6	2,055	876.6	1,807	621.0	4,707	855.4	4,730	615.9	924.0	668.7

Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality.

Cause of Death	Brunswick County											
	White, non-Hispanic		African-American non-Hispanic		American Indian, non-Hispanic		Other Races, non-Hispanic		Hispanic		Overall	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
1. Cancer	1,620	158.6	148	172.4	7	N/A	4	N/A	12	N/A	1,791	157.4
2. Diseases of the Heart	1,413	156.2	133	160.3	2	N/A	4	N/A	10	N/A	1,562	153.9
3. Chronic Lower Respiratory Diseases	453	45.5	18	N/A	1	N/A	1	N/A	2	N/A	475	43.3

**Table 78. Top 10 Leading Causes of Death in Brunswick County, Five Year Counts/Rates (per 100,000 population) by Race/Ethnicity, 2014-2018.**

Cause of Death	Brunswick County											
	White, non-Hispanic		African-American non-Hispanic		American Indian, non-Hispanic		Other Races, non-Hispanic		Hispanic		Overall	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
4. Cerebrovascular Disease	342	36.6	53	67.1	1	N/A	2	N/A	4	N/A	402	38.8
5. All Other Unintended Injuries	277	58.4	19	N/A	1	N/A	0	N/A	4	N/A	301	49.5
6. Alzheimer's Disease	194	23.0	28	37.7	0	N/A	0	N/A	2	N/A	224	23.8
7. Diabetes Mellitus	154	17.0	25	29.0	1	N/A	1	N/A	3	N/A	184	17.9
8. Nephritis, Nephrotic Syndrome, and Nephrosis	108	11.5	17	N/A	1	N/A	2	N/A	0	N/A	128	12.4
9. Pneumonia and Influenza	104	12.1	9	N/A	0	N/A	0	N/A	2	N/A	115	12.0
10. Unintentional Motor Vehicle Injuries	80	18.3	12	N/A	3	N/A	0	N/A	5	N/A	100	17.7
Total Deaths All Causes (incl. some not listed above)	6,329	735.8	639	788.3	21	422.9	20	332.8	61	366.2	7,070	722.6

Note: Missing data indicate fewer than 10 cases and/or unstable rates.

**Table 79. Top 3 Leading Causes of Death by Age Group, 2013-2017.**

Age Group	Rank	Cause of Death			
		Brunswick County	Carteret County	New Hanover County	State of NC
0-19	1	Conditions originating in the perinatal period			
	2	Other Unintentional injuries	Suicide	Homicide	Congenital anomalies (birth defects)

Age Group	Rank	Cause of Death			
		Brunswick County	Carteret County	New Hanover County	State of NC
	3	Motor vehicle injuries	Other Unintentional injuries	Motor vehicle injuries Other Unintentional injuries	Motor vehicle injuries
20-39	1	Other Unintentional injuries	Other Unintentional injuries	Other Unintentional injuries	Other Unintentional injuries
	2	Motor vehicle injuries	Suicide	Motor vehicle injuries	Motor vehicle injuries
	3	Suicide	Cancer - All Sites	Homicide	Suicide
40-64	1	Cancer - All Sites	Cancer - All Sites	Cancer - All Sites	Cancer - All Sites
	2	Diseases of the heart	Diseases of the heart	Diseases of the heart	Diseases of the heart
	3	Other Unintentional injuries	Other Unintentional injuries	Other Unintentional injuries	Other Unintentional injuries
65-84	1	Cancer - All Sites	Cancer - All Sites	Cancer - All Sites	Cancer - All Sites
	2	Diseases of the heart	Diseases of the heart	Diseases of the heart	Diseases of the heart
	3	Chronic lower respiratory diseases	Chronic lower respiratory diseases	Cerebrovascular disease	Chronic lower respiratory diseases
85+	1	Diseases of the heart	Diseases of the heart	Diseases of the heart	Diseases of the heart
	2	Cancer - All Sites	Cancer - All Sites	Cerebrovascular disease	Cancer - All Sites
	3	Cerebrovascular disease	Cerebrovascular disease	Cancer - All Sites	Alzheimer's disease

Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality.

Location	Deaths, Number and Rate (Deaths per 100,000 Population)															
	White, non-Hispanic		African-American non-Hispanic		American Indian, non-Hispanic		Other Races, non-Hispanic		Hispanic		Male		Female		Overall	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Brunswick County	1,571	164.9	131	162.2	6	N/A	1	N/A	11	N/A	997	203.3	723	126.3	1,720	161.4
Carteret County	870	169.8	45	179.1	0	N/A	7	N/A	4	N/A	528	209.0	398	135.3	926	168.6
New Hanover County	1,741	152.0	348	208.8	1	N/A	11	N/A	16	N/A	1,115	192.0	1,002	133.0	2,117	157.3

State of NC	73,466	162.8	19,702	186.7	903	155.7	922	103.2	1,232	79.3	51,125	201.3	45,100	137.5	96,225	164.0
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Note: Missing data indicate fewer than 10 cases and/or unstable rates.

Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality.

Location	All Cancers		Colon, Rectum, and Anus		Pancreas		Trachea, Bronchus, and Lung		Breast		Prostate	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Brunswick County	1,720	161.4	129	12.9	112	10.1	534	47.8	106	19.5	87	19.6
Carteret County	926	168.6	80	15.4	64	11.4	286	50.6	45	14.9	41	17.6
New Hanover County	2,117	157.3	119	8.8	136	9.9	646	47.7	159	21.7	101	18.1
State of NC	96,225	164.0	7,942	13.7	6,507	11.0	27,449	45.9	6,728	20.9	4,477	19.7

Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality, 2013-2017 Race-Specific and Sex-Specific Age-Adjusted Death Rates by County

Location	All Cancers		Colon/Rectum		Lung/Bronchus		Melanoma (Skin)		Female Breast		Cervix Uteri		Prostate	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Brunswick County	4,929	460.7	373	37.6	754	64.8	340	31.5	758	138.8	25	7.9	595	94.9
Carteret County	2,560	481.3	221	43.7	415	72.5	182	33.9	423	161.8	18	8.6	260	9.9
New Hanover County	6,150	464.3	374	28.8	855	62.3	394	30.6	1,151	165.7	28	4.3	604	92.2
State of NC	277,545	470.0	21,005	36.0	39,804	66.0	14,462	25.3	50,083	160.2	1,862	6.9	32,507	111.9

Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), NC Cancer Incidence Rates per 100,000

Location	Deaths, Number and Rate (Deaths per 100,000 Population)															
	White, non-Hispanic		African-American non-Hispanic		American Indian, non-Hispanic		Other Races, non-Hispanic		Hispanic		Male		Female		Overall	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Brunswick County	503	50.0	24	30.9	3	N/A	1	N/A	3	N/A	318	62.5	216	34.6	534	47.8
Carteret County	274	51.7	7	N/A	0	N/A	3	N/A	2	N/A	171	65.5	115	38.2	286	50.6
New Hanover County	541	46.8	100	59.1	0	N/A	3	N/A	2	N/A	334	57.2	312	41.2	646	47.7
State of NC	22,018	47.7	4,777	44.4	291	49.7	184	21.9	179	13.4	15,612	59.7	11,837	35.6	27,449	45.9

Note: Missing data indicate fewer than 10 cases and/or unstable rates.

Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality.

Location	Deaths, Number and Rate (Deaths per 100,000 Population)															
	White, non-Hispanic		African-American non-Hispanic		American Indian, non-Hispanic		Other Races, non-Hispanic		Hispanic		Male		Female		Overall	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Brunswick County	74	18.3	12	N/A	0	N/A	0	N/A	1	N/A	87	19.6	0	N/A	87	19.6
Carteret County	40	17.9	1	N/A	0	N/A	0	N/A	0	N/A	41	17.6	0	N/A	41	17.6
New Hanover County	76	16.0	23	35.7	0	N/A	1	N/A	1	N/A	101	18.1	0	N/A	101	18.1
State of NC	3,070	16.8	1,292	38.2	49	25.5	19	N/A	47	9.3	4,477	19.7	0	N/A	4,477	19.7

Note: Missing data indicate fewer than 10 cases and/or unstable rates.

Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality.

Table 85. Five-Year Aggregate of Breast Cancer Mortality, by Race/Ethnicity and Sex, 2013-2017.																		
Location	Deaths, Number and Rate (Deaths per 100,000 Population)														Female		Overall	
	White, non-Hispanic		African-American non-Hispanic		American Indian, non-Hispanic		Other Races, non-Hispanic		Hispanic		Male							
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate		
Brunswick County	94	19.6	11	N/A	0	N/A	0	N/A	1	N/A	0	N/A	106	19.5	106	19.5		
Carteret County	41	14.8	4	N/A	0	N/A	0	N/A	0	N/A	0	N/A	45	14.9	45	14.9		
New Hanover County	132	21.1	25	26.0	1	N/A	0	N/A	1	N/A	0	N/A	159	21.7	159	21.7		
State of NC	4,738	19.6	1,746	27.8	67	20.2	73	12.5	104	10.6	0	N/A	6,728	20.9	6,728	20.9		

Note: Missing data indicate fewer than 10 cases and/or unstable rates.

Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality.

Table 86. Five-Year Aggregate of Colon, Rectal, Anal Cancer Mortality, by Race/Ethnicity and Sex, 2013-2017.																		
Location	Deaths, Number and Rate (Deaths per 100,000 Population)														Female		Overall	
	White, non-Hispanic		African-American non-Hispanic		American Indian, non-Hispanic		Other Races, non-Hispanic		Hispanic		Male							
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate		
Brunswick County	112	12.5	15	N/A	1	N/A	0	N/A	1	N/A	74	16.1	55	10.4	129	12.9		
Carteret County	73	14.9	5	N/A	0	N/A	2	N/A	0	N/A	48	19.8	32	11.5	80	15.4		
New Hanover County	101	8.7	16	N/A	0	N/A	0	N/A	2	N/A	68	11.6	51	6.4	119	8.8		
State of NC	5,758	13.0	1,930	18.4	82	14.2	74	8.2	98	6.0	4,148	16.4	3,794	11.5	7,942	13.7		

Note: Missing data indicate fewer than 10 cases and/or unstable rates.

Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality.

<b>Table 87. Five-Year Aggregate of Pancreatic Cancer Mortality, by Race/Ethnicity and Sex, 2013-2017.</b>																
Location	Deaths, Number and Rate (Deaths per 100,000 Population)															
	White, non-Hispanic		African-American non-Hispanic		American Indian, non-Hispanic		Other Races, non-Hispanic		Hispanic		Male		Female		Overall	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Brunswick County	102	10.5	10	N/A	0	N/A	0	N/A	0	N/A	75	14.3	37	6.9	112	10.1
Carteret County	61	11.6	3	N/A	0	N/A	0	N/A	0	N/A	40	15.5	24	7.9	64	11.4
New Hanover County	108	9.2	25	15.4	0	N/A	1	N/A	2	N/A	74	12.5	62	7.8	136	9.9
State of NC	4,836	10.6	1,454	13.9	58	10.2	66	7.8	93	6.7	3,375	13.0	3,132	9.4	6,507	11.0

Note: Missing data indicate fewer than 10 cases and/or unstable rates.

Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality.

<b>Table 88. Five-Year Aggregate of Heart Disease Mortality, by Race/Ethnicity and Sex, 2013-2017.</b>																
Location	Deaths, Number and Rate (Deaths per 100,000 Population)															
	White, non-Hispanic		African-American non-Hispanic		American Indian, non-Hispanic		Other Races, non-Hispanic		Hispanic		Male		Female		Overall	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Brunswick County	1,397	165.6	128	159.9	0	N/A	4	N/A	9	N/A	866	196.2	672	130.1	1,538	161.4
Carteret County	823	162.0	34	142.6	0	N/A	1	N/A	2	N/A	465	192.6	395	128.5	860	158.7
New Hanover County	1,619	139.6	319	203.9	7	N/A	7	N/A	13	N/A	992	178.5	973	121.2	1,965	146.5
State of NC	70,182	157.6	18,470	184.7	928	180.2	570	76.1	792	58.5	48,744	204.8	42,198	125.1	90,942	159.8

Note: Missing data indicate fewer than 10 cases and/or unstable rates.

Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality.

Location	Deaths, Number and Rate (Deaths per 100,000 Population)															
	White, non-Hispanic		African-American non-Hispanic		American Indian, non-Hispanic		Other Races, non-Hispanic		Hispanic		Male		Female		Overall	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Brunswick County	335	39.1	46	59.9	1	N/A	2	N/A	3	N/A	163	36.1	224	42.5	387	40.4
Carteret County	180	34.6	17	N/A	1	N/A	1	N/A	1	N/A	84	34.7	116	36.8	200	36.2
New Hanover County	618	53.9	119	81.1	4	N/A	7	N/A	5	N/A	310	60.0	443	54.2	753	57.2
State of NC	18,146	40.8	5,364	55.5	195	40.5	243	34.7	284	22.5	10,134	44.2	14,098	41.7	24,232	43.2

Note: Missing data indicate fewer than 10 cases and/or unstable rates.

Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality.

Location	Deaths, Number and Rate (Deaths per 100,000 Population)															
	White, non-Hispanic		African-American non-Hispanic		American Indian, non-Hispanic		Other Races, non-Hispanic		Hispanic		Male		Female		Overall	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Brunswick County	451	48.4	18	N/A	1	N/A	1	N/A	1	N/A	223	49.0	249	43.7	472	45.8
Carteret County	244	46.1	1	N/A	1	N/A	1	N/A	0	N/A	115	44.5	132	43.4	247	44.0
New Hanover County	388	33.1	32	19.0	1	N/A	3	N/A	4	N/A	208	36.5	220	28.4	428	31.5
State of NC	22,906	50.6	2,772	27.8	228	44.8	91	13.0	95	8.7	12,215	51.2	13,877	41.9	26,092	45.5

Note: Missing data indicate fewer than 10 cases and/or unstable rates.

Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality

Location	Deaths, Number and Rate (Deaths per 100,000 Population)															
	White, non-Hispanic		African-American non-Hispanic		American Indian, non-Hispanic		Other Races, non-Hispanic		Hispanic		Male		Female		Overall	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Brunswick County	143	17.2	21	25.1	1	N/A	1	N/A	4	N/A	108	24.8	62	12.6	170	18.0
Carteret County	87	16.6	4	N/A	1	N/A	0	N/A	0	N/A	52	20.2	40	13.9	92	16.6
New Hanover County	130	11.6	65	38.3	1	N/A	2	N/A	7	N/A	101	17.7	104	13.5	205	15.4
State of NC	8,537	19.1	4,490	43.7	226	41.6	111	13.9	185	12.1	7,283	28.5	6,266	19.1	13,549	23.3

Note: Missing data indicate fewer than 10 cases and/or unstable rates.

Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality.

Location	Estimated Prevalence, Number and Percent (Age-adjusted, Age 20 and Older)					
	2014		2015		2016	
	No.	%	No.	%	No.	%
Brunswick County	10,989	11.4	11,709	11.7	13,330	12.8
Carteret County	5,811	10.6	6,051	11.0	6,098	11.0
New Hanover County	13,996	8.3	15,849	9.3	13,220	7.6
State of NC	828,855	9.8	829,725	9.6	886,633	10.1

Source: Centers for Disease Control and Prevention, Diabetes Data and Trends, County Data and State Data

Location	Deaths, Number and Rate (Deaths per 100,000 Population)													
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	White, non-Hispanic		African-American non-Hispanic		American Indian, non-Hispanic		Other Races, non-Hispanic		Hispanic		Male		Female		Overall	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Brunswick County	190	24.3	25	34.0	0	N/A	0	N/A	2	N/A	76	20.3	141	27.7	217	24.8
Carteret County	96	18.7	3	N/A	0	N/A	0	N/A	0	N/A	42	18.5	57	18.1	99	18.3
New Hanover County	233	20.3	23	17.0	0	N/A	1	N/A	3	N/A	83	17.0	177	21.9	260	19.8
State of NC	15,317	34.6	2,639	31.4	183	46.9	69	12.5	152	17.2	5,314	26.4	13,046	37.7	18,360	33.7

Note: Missing data indicate fewer than 10 cases and/or unstable rates.

Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality.

Location	Deaths, Number and Rate (Deaths per 100,000 Population)															
	White, non-Hispanic		African-American non-Hispanic		American Indian, non-Hispanic		Other Races, non-Hispanic		Hispanic		Male		Female		Overall	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Brunswick County	93	11.5	8	N/A	0	N/A	0	N/A	3	N/A	53	13.0	51	10.9	104	11.7
Carteret County	70	14.3	1	N/A	1	N/A	0	N/A	0	N/A	33	14.9	39	12.7	72	13.7
New Hanover County	121	10.7	21	14.0	0	N/A	2	N/A	2	N/A	81	15.5	65	8.3	146	11.1
State of NC	7,944	18.0	1,693	17.5	80	15.6	78	11.8	92	7.2	4,584	20.4	5,303	15.8	9,887	17.6

Note: Missing data indicate fewer than 10 cases and/or unstable rates.

Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality.

Table 95. Five-Year Aggregate of Septicemia Mortality, by Race/Ethnicity and Sex, 2013-2017.

County	Deaths, Number and Rate (Deaths per 100,000 Population)															
	White, non-Hispanic		African-American non-Hispanic		American Indian, non-Hispanic		Other Races, non-Hispanic		Hispanic		Male		Female		Overall	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Brunswick	77	8.5	16	N/A	1	N/A	0	N/A	1	N/A	42	8.4	53	9.8	95	9.3
Carteret	52	9.9	5	N/A	1	N/A	0	N/A	1	N/A	25	8.8	34	12.2	59	10.6
New Hanover	107	9.4	41	26.7	0	N/A	0	N/A	0	N/A	74	13.4	74	10.0	148	11.2
State of NC	5,437	12.3	1,833	18.3	81	15.6	49	6.0	77	5.4	3,437	14.3	4,040	12.3	7,477	13.1

Note: Missing data indicate fewer than 10 cases and/or unstable rates.

Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality.

Table 96. Five-Year Aggregate of Kidney Disease Mortality, by Race/Ethnicity and Sex, 2013-2017.																
County	Deaths, Number and Rate (Deaths per 100,000 Population)															
	White, non-Hispanic		African-American non-Hispanic		American Indian, non-Hispanic		Other Races, non-Hispanic		Hispanic		Male		Female		Overall	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Brunswick	102	11.6	20	25.1	1	N/A	2	N/A	0	N/A	64	13.6	61	12.5	125	12.9
Carteret	66	13.2	8	N/A	1	N/A	1	N/A	0	N/A	42	17.6	34	11.4	76	14.2
New Hanover	131	11.6	69	44.2	1	N/A	1	N/A	0	N/A	107	19.5	95	12.6	202	15.3
State of NC	6,053	13.6	3,090	31.6	101	19.3	81	11.6	110	8.2	4,629	19.9	4,806	14.5	9,435	16.6

Note: Missing data indicate fewer than 10 cases and/or unstable rates.

Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality.

<b>Table 97. Five-Year Aggregate of Chronic Liver Disease and Cirrhosis Mortality, by Race/Ethnicity and Sex, 2013-2017.</b>																
County	Deaths, Number and Rate (Deaths per 100,000 Population)														Overall	
	White, non-Hispanic		African-American non-Hispanic		American Indian, non-Hispanic		Other Races, non-Hispanic		Hispanic		Male		Female		Overall	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Brunswick	78	9.9	2	N/A	0	N/A	0	N/A	0	N/A	54	11.9	26	5.9	80	8.6
Carteret	70	15.3	3	N/A	0	N/A	1	N/A	1	N/A	58	23.9	17	N/A	75	14.9
New Hanover	78	8.0	16	N/A	0	N/A	1	N/A	5	N/A	65	10.9	35	5.9	100	8.1
State of NC	4,918	11.5	918	7.6	97	15.6	43	4.0	140	6.4	3,899	14.1	2,217	7.1	6,116	10.3

Note: Missing data indicate fewer than 10 cases and/or unstable rates.

Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality.

<b>Table 98. Five-Year Aggregate of Unintentional Motor Vehicle Injury Mortality, by Race/Ethnicity and Sex, 2013-2017.</b>																
County	Deaths, Number and Rate (Deaths per 100,000 Population)														Overall	
	White, non-Hispanic		African-American non-Hispanic		American Indian, non-Hispanic		Other Races, non-Hispanic		Hispanic		Male		Female		Overall	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Brunswick	78	18.0	12	N/A	3	N/A	0	N/A	4	N/A	67	26.8	30	9.5	97	18.0
Carteret	24	7.9	3	N/A	0	N/A	0	N/A	2	N/A	24	13.2	5	N/A	29	8.0
New Hanover	90	9.9	27	17.0	1	N/A	0	N/A	5	N/A	91	16.6	32	5.2	123	10.7
State of NC	4,783	13.9	1,790	16.1	164	27.6	87	5.9	494	11.3	5,180	20.9	2,138	8.0	7,318	14.2

Note: Missing data indicate fewer than 10 cases and/or unstable rates.

Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality.

Table 99. Five-Year Aggregate of All Other Unintended Injury Mortality, by Race/Ethnicity and Sex, 2013-2017.																
Location	Deaths, Number and Rate (Deaths per 100,000 Population)															
	White, non-Hispanic		African-American non-Hispanic		American Indian, non-Hispanic		Other Races, non-Hispanic		Hispanic		Male		Female		Overall	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Brunswick County	267	57.0	17	N/A	1	N/A	1	N/A	5	N/A	188	68.0	103	31.2	291	49.2
Carteret County	179	52.5	4	N/A	0	N/A	2	N/A	3	N/A	120	67.2	68	29.4	188	48.5
New Hanover County	377	42.2	43	29.4	2	N/A	3	N/A	10	N/A	281	54.1	154	25.3	435	38.9
State of NC	14,797	40.7	2,477	23.5	228	41.4	143	14.6	401	13.2	10,724	45.5	7,322	24.8	18,046	34.6

Note: Missing data indicate fewer than 10 cases and/or unstable rates.

Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality.

Table 100. Five-Year Aggregate of Unintentional Poisoning Mortality, 2013-2017.		
Location	Deaths, Number and Rate (Deaths per 100,000 Population)	
	No.	Rate
Brunswick County	167	34.2
Carteret County	84	27
New Hanover County	276	26
State of NC	7,885	16

Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Unintentional Poisoning Mortality Rates.

Note: \*\* The CDC defines a poison as “any substance that is harmful to your body when ingested, inhaled, injected, or absorbed through the skin.”

- An unintentional poisoning is a poisoning in which the individual exposed to the substance is not attempting to cause harm to himself/herself or others. This includes unintentional overdoses of prescription or recreational drugs. Other potential poisons include exhaust fumes and gases, pesticides, acids, organic solvents, and petroleum products.

**Table 101. Five-Year Aggregate of Suicide Mortality, by Race/Ethnicity and Sex, 2014-2018.**

Location	Deaths, Number and Rate (Deaths per 100,000 Population)															
	White, non-Hispanic		African-American non-Hispanic		American Indian, non-Hispanic		Other Races, non-Hispanic		Hispanic		Male		Female		Overall	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Brunswick County	81	15.2	4	N/A	1	N/A	1	N/A	1	N/A	65	21.9	23	5.4	88	13.4
Carteret County	81	24.2	1	N/A	0	N/A	2	N/A	0	N/A	67	36.6	17	N/A	84	22.0
New Hanover County	157	17.0	10	N/A	1	N/A	3	N/A	2	N/A	119	21.6	54	9.1	173	15.0
State of NC	6,112	17.0	620	5.5	74	12.4	126	8.2	220	5.6	5,418	21.4	1,734	6.4	7,152	13.5

Note: Missing data indicate fewer than 10 cases and/or unstable rates.

Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality.

**Table 102. Five-Year Aggregate of Homicide Mortality, by Race/Ethnicity and Sex, 2013-2017.**

Location	Deaths, Number and Rate (Deaths per 100,000 Population)															
	White, non-Hispanic		African-American non-Hispanic		American Indian, non-Hispanic		Other Races, non-Hispanic		Hispanic		Male		Female		Overall	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Brunswick County	17	N/A	3	N/A	0	N/A	1	N/A	0	N/A	9	N/A	12	N/A	21	12.9
Carteret County	8	N/A	1	N/A	0	N/A	0	N/A	0	N/A	7	N/A	2	N/A	9	N/A
New Hanover County	25	2.7	50	33.9	2	N/A	0	N/A	1	N/A	64	11.9	14	N/A	78	7.2
State of NC	975	3.0	1,832	16.4	94	15.6	47	3.3	178	3.8	2,477	10.3	649	2.6	3,126	6.4

Note: Missing data indicate fewer than 10 cases and/or unstable rates.

Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality.

## HIV/AIDS/STDs

Table 103. Annual Number and Rates of Incident HIV Diagnoses (per 100,000 population), by County of First Diagnosis, 2013-2017.											
Location	HIV Cases by County of First Diagnosis										Total No. of HIV Cases (2017)
	2013		2014		2015		2016		2017		
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	
Brunswick County	9	9.0	9	8.7	5	4.7	9	8.1	9	7.8	208
Carteret County	3	5.0	5	8.3	4	6.7	2	3.3	1	1.7	73
New Hanover County	14	7.7	13	7.0	26	13.7	25	13.0	33	16.8	702
State of NC	1,306	15.9	1,319	15.9	1,333	15.9	1,392	16.3	1,310	15.2	35,045

Source: NC Division of Public Health, Epidemiology Section, and Communicable Disease Branch Annual Reports: 2017 North Carolina HIV/STD/Hepatitis Surveillance Report

Table 104. Five-Year Aggregate of AIDS Mortality, by Race/Ethnicity and Sex, 2014-2018.																
Location	Deaths, Number and Rate (Deaths per 100,000 Population)														Overall	
	White, non-Hispanic		African-American non-Hispanic		American Indian, non-Hispanic		Other Races, non-Hispanic		Hispanic		Male		Female		Overall	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Brunswick County	7	N/A	3	N/A	0	N/A	0	N/A	1	N/A	9	N/A	2	N/A	11	N/A
Carteret County	1	N/A	1	N/A	0	N/A	0	N/A	0	N/A	1	N/A	1	N/A	2	N/A
New Hanover County	2	N/A	13	N/A	0	N/A	0	N/A	1	N/A	10	N/A	6	N/A	16	1.8
State of NC	269	0.7	751	6.4	8	N/A	5	N/A	31	0.9	763	2.8	301	1.1	1,064	1.9

Note: Missing data indicate fewer than 10 cases and/or unstable rates.

Source: NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality, 2013-2017 Race-Specific and Sex-Specific Age-Adjusted Death Rates by County

Table 105. Annual Trends in Chlamydia Incidence, 2013-2017.	
Incidence, All Ages, Number and Rate (New cases per 100,000 population)	

Location	2013		2014		2015		2016		2017	
	No.	Rate								
Brunswick County	245	213.0	250	211.2	316	258.4	349	276.2	400	305.6
Carteret County	172	251.5	186	271.0	227	330.3	194	281.8	223	323.7
New Hanover County	964	452.5	1,000	462.6	1,113	506.6	1,170	524.1	1,257	553.3
State of NC	49,220	499.7	49,956	502.2	54,384	541.6	58,078	571.8	62,893	612.2

Source: NC Division of Public Health, Epidemiology Section, and Communicable Disease Branch Annual Reports: 2017 North Carolina HIV/STD/Hepatitis Surveillance Report

Table 106. Annual Trends in Gonorrhea Incidence, 2013-2017.										
Location	Incidence, All Ages, Number and Rate (New cases per 100,000 population)									
	2013		2014		2015		2016		2017	
	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Brunswick County	63	54.8	82	69.3	112	91.6	136	107.6	135	103.1
Carteret County	29	42.4	23	33.5	40	58.2	44	63.9	41	59.5
New Hanover County	271	127.2	357	165	360	163.9	476	213.2	406	178.7
State of NC	14,114	143.3	14,970	150.6	17,049	169.8	19,726	194.2	22,694	220.9

Source: NC Division of Public Health, Epidemiology Section, and Communicable Disease Branch Annual Reports: North Carolina 2016 HIV/STD/Hepatitis Surveillance Report

Table 107. Annual Trends in Adult Obesity Prevalence, 2015-2019.					
Location	Estimated Prevalence Percent of Adults (Age-adjusted, Age 20 or Older)				
	2015	2016	2017	2018	2019
Brunswick County	29	29	28	28	29
Carteret County	28	26	26	26	28
New Hanover County	25	26	25	25	24
State of NC	29	29	29	30	30

Source: County Health Rankings and Roadmaps, 2015-2019

Table 109. Number of People with Poor Access to Healthy Food, 2018.

Location	# Limited Access	% Limited Access	# Food Insecure*	% Food Insecure
Brunswick County	5,942	6	16,360	14
Carteret County	4,697	7	8,550	13
New Hanover County	15,540	8	33,570	16
State of NC	--	7	--	15

Source: County Health Rankings and Roadmaps: U.S. Department of Agriculture (USDA) 2019.

\* Food Insecurity estimates the percentage of the population who did not have access to a reliable source of food during the past year.

Note: Some data unavailable for the entire state of NC.

## Section II. Indicators and Sources for Health Outcomes

### Service Utilization: Behavioral Health

Table 110. Annual Counts of Persons Served by Local Management Entity-Managed Care Organizations, 2014-2017.				
Location	Number of Persons Served			
	2014	2015	2016	2017
Brunswick County	2,135	2,979	1,834	1,831
Carteret County	1,851	2,580	1,251	1,410
New Hanover County	5,485	7,481	4,453	4,522
State of NC	316,863	337,161	347,060	321,511

Source: Log Into North Carolina (LINC) Database, Topic Group Vital Statistics and Health: Persons Served in Area Mental Health Programs

Table 111. Annual Counts of Persons Served by State Psychiatric Hospitals, 2014-2017.				
Location	Number of Persons Served			
	2014	2015	2016	2017
Brunswick County	70	47	31	78
Carteret County	13	9	8	7
New Hanover County	63	95	82	140
State of NC	3,529	3,276	3,039	3,083

Source: Log Into North Carolina (LINC) Database, Topic Group Vital Statistics and Health: Persons Served in State Psychiatric Hospitals

<b>Table 112. Annual Counts of Persons Served by State Mental Health Development Centers, 2014-2016.</b>			
<b>Location</b>	<b>Number of Persons Served</b>		
	<b>2014</b>	<b>2015</b>	<b>2016</b>
<b>Brunswick County</b>	<b>12</b>	<b>13</b>	<b>13</b>
<b>Carteret County</b>	<b>12</b>	<b>11</b>	<b>12</b>
<b>New Hanover County</b>	<b>40</b>	<b>38</b>	<b>34</b>
<b>State of NC</b>	<b>1,282</b>	<b>1,245</b>	<b>1,160</b>

Source: Log Into North Carolina (LINC) Database, Topic Group Vital Statistics and Health: Persons Served in State Mental Health Development Centers

<b>Table 113. Annual Counts of Persons Served by State Alcohol and Drug Treatment Centers, 2014-2016.</b>			
<b>Location</b>	<b>Number of Persons Served</b>		
	<b>2014</b>	<b>2015</b>	<b>2016</b>
<b>Brunswick County</b>	<b>78</b>	<b>57</b>	<b>56</b>
<b>Carteret County</b>	<b>31</b>	<b>22</b>	<b>22</b>
<b>New Hanover County</b>	<b>243</b>	<b>234</b>	<b>184</b>
<b>State of NC</b>	<b>4,049</b>	<b>3,698</b>	<b>3,505</b>

Source: Log Into North Carolina (LINC) Database, Topic Group Vital Statistics and Health: Persons Served in NC Alcohol and Drug Treatment Centers

## Emergency Department

<b>Table 114. Annual Number of Emergency Department Visits to County Facilities, Fiscal Years 2013-2017.</b>						
<b>Location</b>	<b>Hospital</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
<b>Brunswick County</b>	<b>J. Arthur Doshier Memorial Hospital</b>	<b>13,186</b>	<b>12,827</b>	<b>12,365</b>	<b>12,493</b>	<b>12,358</b>
<b>Carteret County</b>	<b>Carteret County General Hospital</b>	<b>34,855</b>	<b>33,93</b>	<b>32,727</b>	<b>31,397</b>	<b>32,010</b>
<b>New Hanover County</b>	<b>New Hanover Regional Medical Center</b>	<b>97,693</b>	<b>97,526</b>	<b>100,389</b>	<b>109,056</b>	<b>116,477</b>
<b>State of NC</b>	<b>All NC Hospitals</b>	<b>4,069,697</b>	<b>4,141,184</b>	<b>4,301,710</b>	<b>4,353,885</b>	<b>4,373,661</b>

Source: UNC Cecil G. Sheps Center for Health Services Research, FY2017 Emergency Room Visits, NC Emergency Department Patient Characteristics by Hospital

**Table 115. Annual Number of Emergency Department Visits to County Facilities, by Race, Fiscal Year 2017.**

Location	Hospital	Race											
		White		African-American		American Indian		Asian/Pacific Islander		Other Race		Unavailable	
		No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate	No.	Rate
Brunswick County	J. Arthur Doshier Memorial Hospital	10,989	88.9	1,120	9.1	31	0.3	27	0.2	189	1.5	2	0.0
Carteret County	Carteret County General Hospital	26,913	84.1	3,436	10.7	23	0.1	112	0.3	1,510	4.7	16	0.0
New Hanover County	New Hanover Regional Medical Center	76,010	65.3	32,948	28.3	305	.3	335	0.3	6,455	5.5	424	0.4
State of NC	All NC Hospitals	2,401,099	54.9	1,557,492	35.6	49,015	1.1	31,060	0.7	279,065	6.4	55,930	1.3

Source: UNC Cecil G. Sheps Center for Health Services Research, FY2017 Emergency Room Visits, NC Emergency Department Patient Characteristics by Hospital

**Table 116. Annual Number of Emergency Department Visits to County Facilities, by Ethnicity, Fiscal Year 2017.**

Location	Hospital	Ethnicity					
		Hispanic		Non-Hispanic		Unknown	
		No.	%	No.	%	No.	%
Brunswick County	J. Arthur Doshier Memorial Hospital	153	1.2	12,197	98.7	8	0.1
Carteret County	Carteret County General Hospital	-	-	31,994	100.0	16	0.0

New Hanover County	New Hanover Regional Medical Center	5,887	5.1	109,972	94.4	618	0.5
State of NC	All NC Hospitals	268,423	6.1	4,021,274	91.9	83,964	1.9

Source: UNC Cecil G. Sheps Center for Health Services Research, FY2017 Emergency Room Visits, NC Emergency Department Patient Characteristics by Hospital

Table 117. Annual Number of Emergency Department Visits to County Facilities, by Age, Fiscal Year 2017.													
Location	Hospital	Age (Years)											
		Less than 1 year		1-17 years		18-44 years		45-64 years		65-84 years		85 or more years	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Brunswick County	J. Arthur Dasher Memorial Hospital	87	0.7	1,499	12.1	4,042	32.7	3,263	26.4	2,967	24.0	500	4.0
Carteret County	Carteret County General Hospital	460	1.4	4,386	13.7	12,805	40.0	8,124	25.4	5,189	16.2	1,046	3.3
New Hanover County	New Hanover Regional Medical Center	2,050	1.8	17,967	15.4	48,113	41.3	27,850	23.9	17,024	14.6	3,473	3.0
State of NC	All NC Hospitals	89,449	2.0	743,245	17.0	1,849,985	42.3	1,026,525	23.5	549,189	12.6	115,268	2.6

Source: UNC Cecil G. Sheps Center for Health Services Research, FY2014 Emergency Room Visits, NC Emergency Department Patient Characteristics by Hospital

Table 118. Annual Number of Emergency Department Visits to County Facilities, by Payer, Fiscal Year 2017.													
Location	Hospital	Payer											
		Commercial/HMO		Medicaid		Medicare		Other government		Other		Uninsured	
		No.	%	No.	%	No.	%	No.	%	No.	%	No.	%

Brunswick County	J. Arthur Dasher Memorial Hospital	3,829	30.6	2,333	18.6	3,364	26.8	261	2.1	129	1.0	2,615	20.9
	Novant Health Brunswick Medical Center	8,361	26.1	9,139	28.6	7,304	22.8	1,319	4.1	-	-	5,879	18.4
Carteret County	Carteret County General Hospital	8,196	23.5	6,505	18.7	8,894	25.5	3,378	9.7	147	0.4	7,703	22.1
New Hanover County	New Hanover Regional Medical Center	31,619	22.7	32,333	23.2	40,874	29.3	5,260	3.8	2,735	2.0	26,511	19.0
State of NC	All NC Hospitals	1,492,549	30.3	1,298,544	26.4	953,309	19.4	135,207	2.7	60,934	1.2	980,911	19.9

Source: UNC Cecil G. Sheps Center for Health Services Research, FY2014 Emergency Room Visits, NC Emergency Department Patient Characteristics by Hospital

### Criminal Justice System

County	POPULATION AGE GROUPS			COMPLAINTS RECEIVED							RATES	
	Juvenile Population Ages 6-15	Juvenile Population Ages 6-17	Juvenile Population Ages 10-17	Violent Class A - E	Serious Class F - I, A1	Minor Class 1 - 3	Infr action	Statu s	Total Delinquent Complaints	Total Complai nts	Undisciplin e Rate per 1,000 Age 6 to 17	Delinquent Rate per 1,000 Ages 6 -15
Brunswick	13,115	15,790	10,722	9	36	144	0	24	189	213	1.52	14.41
Carteret	6,939	8,541	5,931	3	21	68	0	2	92	94	0.23	13.26
New Hanover	24,332	29,249	19,672	7	75	198	0	5	280	285	0.17	11.51
NC Total	1,314,938	1,588,480	1,076,533	915	6,106	14,173	85	2,301	21,279	23,580	1.45	16.18

Source: NC Department of Public Safety, Statistics and Data, NC Juvenile Justice County Databook, 2018.

Table 119 Continued...

County	DETENTION			YDC COMMITMENTS		COMMUNITY PROGRAMS					
	Distinct Juveniles Detained* **	Detention Admissions* **	Detention Admission Rate	YDC Commitments	YDC Commitment Rate per 1,000 youth Age 10-17	JCPC Youth Served	Alternatives to Commitment Youth Served	JCPC Endorsed Level II Programs Youth Served	Residential Contractual Programs Youth Served	Community Based Contractual Programs Youth Served	Western Area Multi-Purpose JCAC Admissions
Brunswick	20	23	1.46	0	0	282	0	0	3	6	0
Carteret	7	8	0.94	0	0	197	0	0	0	0	0
New Hanover	37	48	1.64	2	0.1	385	18	42	7	31	0
NC Total	1,660	2,326	1.46	192	0.18	21,248	157	289	600	510	96

Source: NC Department of Public Safety, Statistics and Data, NC Juvenile Justice County Databook, 2018.

\*Note: Definitions of criminal justice terms can be found in Appendix .

### Substance Misuse: Reduce Death/Emergency Department (ED) Outcomes

**Table 120. Number of Drug Overdose Deaths per 100,000 population, 2019.**

Location	# of deaths	Mortality Rate
Brunswick County	123	32
Carteret County	61	30
New Hanover County	210	31
State of NC	--	19

Source: Centers for Disease Control and Prevention (CDC). Increases in Drug and Opioid Overdose Deaths — United States, 2000–2014. MMWR Morb Mortal Wkly Rep. 2016; 64(50);1378-82.

Note: Total data for NC unavailable.

**Table 121. Number of unintentional opioid-related deaths (ICD-10) to NC Residents, by County, 2018.**

Location	Most Current Provisional Data		
	Time	Quarter	Year-To-Date
Brunswick County	2018-Q4	3	22

Carteret County	2018 - Q4	4	18
New Hanover County	2018 - Q4	14	63
State of NC	2018-Q4	387	1,619

Source: North Carolina State Center for Health Statistics, Vital Statistics. Death Certificate Data, 1999-present.

Note: The following opioid related metrics are divided into five strategy areas by the NC Opioid Action Plan: reduce death/ED outcomes, reduce oversupply of prescription opioids, reduce diversion/flow of illicit drugs, increase access to naloxone, and treatment/recovery.

Table 122. Number of ED visits that received an opioid overdose diagnosis (all intents), by County, 2019.			
Location	Most Current Provisional Data		
	Time	Quarter	Year-To-Date
Brunswick County	2019 - Q2	7	8
Carteret County	2019 - Q2	20	31
New Hanover County	2019 - Q2	31	48
State of NC	2019 - Q2	1,835	3,405

Source: North Carolina Division of Public Health, Epidemiology Section, North Carolina Disease Event Tracking and Epidemiologic Collection Tool (NC DETECT), 2008-present

Table 123. Opioid Poisoning ED Visits and Deaths by County, 2016-2017.								
Location	Number of ED Visits <sup>†</sup>		Number of Deaths				% of ED Visits Resulting in Death	
	2016	2017	2014	2015	2016	2017	2016	2017
Brunswick County	77	66	18	24	34	44	44.16	66.7
Carteret County	50	50	13	18	20	15	40	30
New Hanover County	209	217	25	47	64	72	30.62	33.18
State of NC	5,546	7,455	962	1,169	1,514	2,006	27.3	26.91

Source: NC Department of Health and Human Services, NC Injury and Violence Prevention Branch, N.C. DETECT Emergency Department (ED) Data, All Opioid Poisoning ED Visits by County, 2008-2017.

Table 124. Methadone Poisoning ED Visits and Deaths by County, 2016-2017.						
Location	Number of ED Visits <sup>†</sup>		Number of Deaths			
	2016	2017	2014	2015	2016	2017
Brunswick County	1	1	2	4	3	3
Carteret County	2	2	6	1	3	1

New Hanover County	5	2	1	4	2	5
State of NC	124	93	130	111	119	105

Source: NC Department of Health and Human Services, NC Injury and Violence Prevention Branch, *N.C. DETECT Emergency Department (ED) Data, All Methadone Poisoning ED Visits by County: N.C. Residents, 2008-2017.*

**Table 125. Synthetic Narcotic Poisoning ED Visits and Deaths by County, 2016-2017.**

Location	Number of ED Visits <sup>†</sup>		Number of Deaths			
	2016	2017	2014	2015	2016	2017
Brunswick County	4	7	1	1	0	1
Carteret County	3	2	5	6	9	9
New Hanover County	17	11	8	18	27	47
State of NC	308	287	212	300	607	1,316

Source: NC Department of Health and Human Services, NC Injury and Violence Prevention Branch, *N.C. DETECT Emergency Department (ED) Data, All Synthetic Narcotic Poisoning ED Visits by County: N.C. Residents, 2008-2017.*

**Table 126. Heroin Poisoning ED Visits and Deaths by County, 2016-2017.**

Location	Number of ED Visits <sup>†</sup>		Number of Deaths			
	2016	2017	2014	2015	2016	2017
Brunswick County	30	27	5	10	10	15
Carteret County	16	28	1	5	4	4
New Hanover County	109	115	12	24	38	29
State of NC	2,258	3,972	266	388	545	550

Source: NC Department of Health and Human Services, NC Injury and Violence Prevention Branch, *N.C. DETECT Emergency Department (ED) Data, All Heroin Poisoning ED Visits by County: N.C. Residents, 2008-2017*

**Table 127. Cocaine Poisoning ED Visits and Deaths by County, 2008-2017.**

Location	Number of ED Visits <sup>†</sup>		Number of Deaths			
	2016	2017	2014	2015	2016	2017
Brunswick County	1	4	3	2	9	12
Carteret County	2	2	0	3	1	2
New Hanover County	1	0	2	14	12	22

State of NC	630	731	225	313	502	727
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Source: NC Department of Health and Human Services, NC Injury and Violence Prevention Branch, *N.C. DETECT Emergency Department (ED) Data, All Cocaine Poisoning ED Visits by County, 2008-2017*

Table 128. Psychostimulant Poisoning ED Visits and Deaths by County, 2016-2017.						
Location	Number of ED Visits <sup>†</sup>		Number of Deaths			
	2016	2017	2014	2015	2016	2017
Brunswick County	3	0	0	2	13	12
Carteret County	3	4	0	1	0	4
New Hanover County	11	16	0	0	1	1
State of NC	467	557	33	64	115	183

Source: NC Department of Health and Human Services, NC Injury and Violence Prevention Branch, *N.C. DETECT Emergency Department (ED) Data, All Psychostimulant Poisoning ED Visits by County, 2008-2017*

Table 129. Benzodiazepine Poisoning ED Visits and Deaths by County, 2016-2017.						
Location	Number of ED Visits <sup>†</sup>		Number of Deaths			
	2016	2017	2014	2015	2016	2017
Brunswick County	32	18	4	5	12	13
Carteret County	17	14	9	7	8	4
New Hanover County	94	81	5	9	16	18
State of NC	2,619	2,292	282	402	527	601

Source: NC Department of Health and Human Services, NC Injury and Violence Prevention Branch, *N.C. DETECT Emergency Department (ED) Data, All Benzodiazepine Poisoning ED Visits by County, 2008-2017*

Table 130. Antiepileptic and Sedative-Hypnotic Drug Poisoning ED Visits and Deaths by County, 2016-2017.						
Location	Number of ED Visits <sup>†</sup>		Number of Deaths			
	2016	2017	2014	2015	2016	2017
Brunswick County	11	10	2	2	5	11
Carteret County	7	6	0	3	2	4
New Hanover County	27	35	2	3	3	12

State of NC	848	897	114	188	239	279
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Source: NC Department of Health and Human Services, NC Injury and Violence Prevention Branch, *N.C. DETECT Emergency Department (ED) Data, All Other Antiepileptic and Sedative-Hypnotic Drug Poisoning ED Visits by County, 2008-2017*

† In October 2015, there was a change in the coding system used in administrative data sets that impacted the definition used to identify poisoning-related injury cases. Because of this change, data are unavailable for 2015, and data pre-2015 are not comparable to data collected after this change occurred.

### *Reduce Oversupply of Prescription Opioids*

<b>Table 131. Rate of Opioid Prescriptions Dispensed per 100 Persons, 2017.</b>	
Location	Percent
Brunswick County	96.2%
Carteret County	86.6%
New Hanover County	86.0%
State of NC	72.0%

Source: Centers for Disease Control and Prevention, *Data, U.S. Opioid Prescribing Rate Maps, 2017.*

<b>Table 132. Average rate of multiple provider episodes for prescription opioids, per 100,000 residents, by County, 2018.</b>			
Location	Most Current Provisional Data		
	Time	Quarter	Year-To-Date
Brunswick County	2018 - Q4	31	33
Carteret County	2018 - Q4	29	24
New Hanover County	2018 - Q4	40	37
State of NC	2018 - Q4	22	24

Source: North Carolina Division of Mental Health, Developmental Disabilities and Substance Abuse Services, *Controlled Substance Reporting System (CSRS), 2011-present.*

<b>Table 133. Number of opioid pills dispensed, by County, 2019.</b>			
Location	Most Current Provisional Data		
	Time	Quarter	Year-To-Date
Brunswick County	2019 - Q1	1,820,000	1,820,000
Carteret County	2019 - Q1	1,030,000	1,030,000

New Hanover County	2019 - Q1	2,120,000	2,120,000
State of NC	2019 - Q1	107,666,000	107,666,000

Source: North Carolina Division of Mental Health, Developmental Disabilities and Substance Abuse Services, Controlled Substance Reporting System (CSRS), 2011-present.

**Table 134. Percent of patients with an opioid prescription receiving more than an average daily dose of 90+ MME of opioid analgesics, 2019.**

Location	Most Current Provisional Data		
	Time	Quarter	Year-To-Date
Brunswick County	2019 - Q1	6	6
Carteret County	2019 - Q1	7	7
New Hanover County	2019 - Q1	5	5
State of NC	2019 - Q1	5	5

Source: North Carolina Division of Mental Health, Developmental Disabilities and Substance Abuse Services, Controlled Substance Reporting System (CSRS), 2011-present.

**Table 135. Percent of prescription days any patient had at least one opioid AND at least one benzodiazepine prescription on the same day, 2019.**

Location	Most Current Provisional Data		
	Time	Quarter	Year-To-Date
Brunswick County	2019 - Q1	20	20
Carteret County	2019 - Q1	27	27
New Hanover County	2019 - Q1	20	20
State of NC	2019 - Q1	33	33

Source: North Carolina Division of Mental Health, Developmental Disabilities and Substance Abuse Services, Controlled Substance Reporting System (CSRS), 2011-present.

***Reduce Diversion/Flow of Illicit Drugs***

Table 136. Percent of opioid deaths involving heroin or fentanyl/fentanyl analogues, by County, 2018.			
Location	Most Current Provisional Data		
	Time	Quarter	Year-To-Date
Brunswick County	2018 - Q4	60	60
Carteret County	2018 - Q4	94	94
New Hanover County	2018 - Q4	81	81
State of NC	2018 - Q4	78	79

Source: North Carolina Office of the Chief Medical Examiner (OCME) and the OCME Toxicology Laboratory, 2010-present.

Table 137. Number of acute hepatitis C cases, by County, 2019.			
Location	Most Current Provisional Data		
	Time	Quarter	Year-To-Date
Brunswick County	2019 - Q1	1	1
Carteret County	2019 - Q1	0	0
New Hanover County	2019 - Q1	0	0
State of NC	2019 - Q1	48	48

Source: North Carolina Division of Public Health, Epidemiology Section, North Carolina Electronic Disease Surveillance System (NC EDSS), 2000-present.

### *Increase Access to Naloxone*

Table 138. Number of EMS naloxone administrations, by County, 2019.			
Location	Most Current Provisional Data		
	Time	Quarter	Year-To-Date
Brunswick County	2019 - Q2	27	50
Carteret County	2019 - Q2	50	85
New Hanover County	2019 - Q2	76	138
State of NC	2019 - Q2	3,282	6,214

Source: North Carolina Office of Emergency Medical Services (OEMS), EMSpic-UNC Emergency Medicine Department, 2012-present.

<b>Table 139. Number of community naloxone reversals, by County, 2019.</b>			
<b>Location</b>	<b>Most Current Provisional Data</b>		
	<b>Time</b>	<b>Quarter</b>	<b>Year-To-Date</b>
<b>Brunswick County</b>	<b>2019 - Q2</b>	<b>0</b>	<b>4</b>
<b>Carteret County</b>	<b>2019 - Q2</b>	<b>5</b>	<b>5</b>
<b>New Hanover County</b>	<b>2019 - Q2</b>	<b>22</b>	<b>65</b>
<b>State of NC</b>	<b>2019 - Q2</b>	<b>1,287</b>	<b>1,837</b>

Source: NCDHHS Division of Public Health, North Carolina Harm Reduction Coalition Monthly Updates, 2019

### *Treatment and Recovery*

<b>Table 140. Number of buprenorphine prescriptions dispensed, by County, 2019.</b>			
<b>Location</b>	<b>Most Current Provisional Data</b>		
	<b>Time</b>	<b>Quarter</b>	<b>Year-To-Date</b>
<b>Brunswick County</b>	<b>2019 - Q1</b>	<b>7,771</b>	<b>7,771</b>
<b>Carteret County</b>	<b>2019 - Q1</b>	<b>2,692</b>	<b>2,692</b>
<b>New Hanover County</b>	<b>2019 - Q1</b>	<b>6,409</b>	<b>6,409</b>
<b>State of NC</b>	<b>2019 - Q1</b>	<b>181,440</b>	<b>181,440</b>

Source: North Carolina Division of Mental Health, Developmental Disabilities and Substance Abuse Services, Controlled Substance Reporting System (CSRS), 2011-present.

<b>Table 141. Number of uninsured individuals and Medicaid beneficiaries with an opioid use disorder served by treatment programs, by County, 2019.</b>			
<b>Location</b>	<b>Most Current Provisional Data</b>		
	<b>Time</b>	<b>Quarter</b>	<b>Year-To-Date</b>
<b>Brunswick County</b>	<b>2019 - Q1</b>	<b>324</b>	<b>324</b>
<b>Carteret County</b>	<b>2019 - Q1</b>	<b>241</b>	<b>241</b>
<b>New Hanover County</b>	<b>2019 - Q1</b>	<b>732</b>	<b>732</b>
<b>State of NC</b>	<b>2019 - Q1</b>	<b>20,385</b>	<b>20,385</b>

Source: North Carolina Division of Mental Health, Developmental Disabilities and Substance Abuse Services, Claims Data, 2013-present.

<b>Table 142. Number of certified peer support specialists (CPSS), by County, 2019.</b>			
<b>Location</b>	<b>Most Current Provisional Data</b>		
	<b>Time</b>	<b>Quarter</b>	<b>Year-To-Date</b>
<b>Brunswick County</b>	<b>2019 - Q2</b>	<b>19</b>	<b>19</b>
<b>Carteret County</b>	<b>2019 - Q2</b>	<b>20</b>	<b>20</b>
<b>New Hanover County</b>	<b>2019 - Q2</b>	<b>73</b>	<b>73</b>
<b>State of NC</b>	<b>2019 - Q2</b>	<b>3,637</b>	<b>3,637</b>

Source: University of North Carolina at Chapel Hill, School of Social Work, Behavioral Health Springboard, 2010-present.

### Section 4. Alcohol-Related Health Data

<b>Table 143. Fatalities in Crashes Involving an Alcohol-Impaired Driver (BAC = .08+) by County, 2013-2017.</b>										
<b>Location</b>	<b>Fatalities</b>					<b>Fatalities Per 100,000 Population</b>				
	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	<b>2017</b>
<b>Brunswick County</b>	<b>5</b>	<b>5</b>	<b>4</b>	<b>5</b>	<b>11</b>	<b>4.35</b>	<b>4.22</b>	<b>3.27</b>	<b>3.96</b>	<b>8.40</b>
<b>Carteret County</b>	<b>1</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>1.46</b>	<b>2.91</b>	<b>1.45</b>	<b>0.00</b>	<b>1.45</b>
<b>New Hanover County</b>	<b>5</b>	<b>8</b>	<b>6</b>	<b>6</b>	<b>5</b>	<b>2.35</b>	<b>3.70</b>	<b>2.73</b>	<b>2.69</b>	<b>2.20</b>
<b>State of NC</b>	<b>368</b>	<b>363</b>	<b>389</b>	<b>439</b>	<b>413</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

Source: U.S. Department of Transportation, National Highway Traffic Safety Administration, Traffic Safety Facts for North Carolina. FARS 2013 - 2016 Final and Fars 2017 ARF.

<b>Table 144. Alcohol-Involved Crashes (5 Year Data), 2013-2017.</b>			
<b>Location</b>	<b>Total Crashes (5Y #)</b>	<b>Fatal Crashes (5Y #)</b>	<b>Alcohol-Related Fatal Crashes (5Y %)</b>
<b>Brunswick County</b>	<b>12,158</b>	<b>79</b>	<b>28</b>
<b>Carteret County</b>	<b>6,235</b>	<b>25</b>	<b>12</b>
<b>New Hanover County</b>	<b>27,847</b>	<b>93</b>	<b>41</b>
<b>State of NC</b>	<b>1,241,022</b>	<b>6,239</b>	<b>28</b>

Source: U.S. Department of Transportation, National Highway Traffic Safety Administration, Traffic Safety Facts for North Carolina. FARS 2013 - 2016 Final and Fars 2017 ARF.

<b>Table 145. Alcohol-Involved Suicides by County, 10 Year Suicide Data 2007-2016.</b>		
<b>Location</b>	<b>Alcohol-Related Suicides (10Y #)</b>	<b>Alcohol-Related Suicides (10Y rate)</b>
<b>Brunswick County</b>	<b>158</b>	<b>32</b>
<b>Carteret County</b>	<b>126</b>	<b>33</b>
<b>New Hanover County</b>	<b>275</b>	<b>32</b>
<b>State of NC</b>	<b>11,333</b>	<b>29</b>

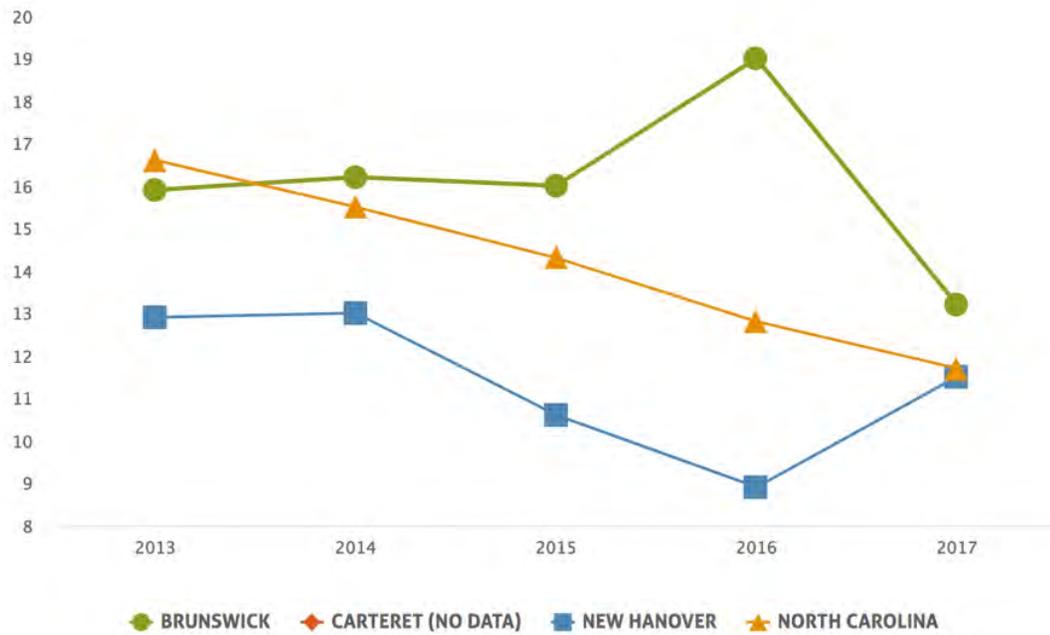
Source: NC State Center for Health Statistics, Vital Statistics. Death Certificate Data 2007-2016.

<b>Table 146. Alcohol-Related Health Data, Various Years.*</b>						
<b>Location</b>	<b>Alcohol-Related Deaths (count)</b>	<b>Alcohol-Related Deaths (rate)</b>	<b>Alcohol-Related ED Visits (count)</b>	<b>Alcohol-Related ED Visits (rate)</b>	<b>Alcohol-Related ED Visits &lt;21 (count)</b>	<b>Economic Cost</b>
<b>Brunswick County</b>	<b>67</b>	<b>51.70</b>	<b>231</b>	<b>176</b>	<b>19</b>	<b>\$79M</b>
<b>Carteret County</b>	<b>34</b>	<b>50.45</b>	<b>150</b>	<b>218</b>	<b>8</b>	<b>\$49M</b>
<b>New Hanover County</b>	<b>92</b>	<b>40.74</b>	<b>1,017</b>	<b>448</b>	<b>48</b>	<b>\$150M</b>
<b>State of NC</b>	<b>3,991</b>	<b>38.86</b>	<b>33,072</b>	<b>322</b>	<b>1,868</b>	<b>\$7,034M</b>

Source: NC State Center for Health Statistics, Vital Statistics.

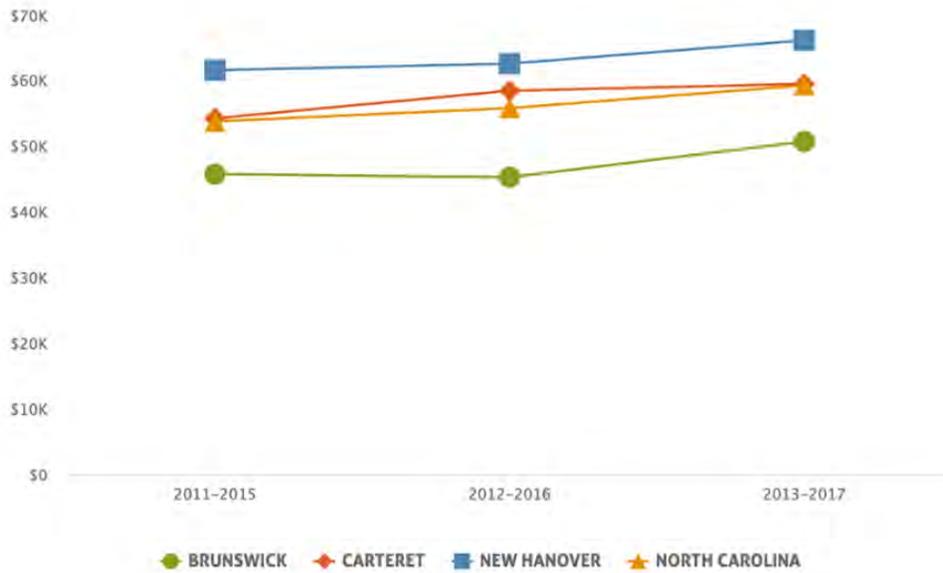
\*Note: Death data from 2017. ED data from 2016, rates per 100,000 people. Death rates based on counts <10 should be interpreted with caution.

Table comparing Rates (per 1,000 births) of Teen Pregnancies, ages 15-17, 2013-2017.



Source: NC Child, KIDS COUNT Data Center. North Carolina Department of Health and Human Services, State Health Center for Health Statistics, North Carolina Reported Pregnancies.

Line graph representation of family with child income



Source: NC Child, KIDS COUNT Data Center. North Carolina Department of Health and Human Services, State Health Center for Health Statistics, North Carolina Reported Family Income.

**Criminal Justice System Definitions**

<b>Term</b>	<b>Definition</b>
County	County of the event
Juvenile Population Ages 6-17	Ages eligible for detention and ages eligible for status offenses
Juvenile Population Ages 6-15	Ages eligible for complaints in juvenile justice, that would be crimes if the individual was an adult
Juvenile Population Ages 10-17	<a href="#">Ages eligible for commitment to a Youth Development Center (YDC)</a>
Violent Class A - E	Person and violent offenses (i.e., robbery, kidnapping, attempted murder, etc.)
Serious Class F - I, A1	F-I felony class - serious property or weapons offenses; A1 misdemeanors - assaults
Minor Class 1 - 3	Misdemeanor classes (i.e., shoplifting, communicating threats, disorderly conduct at school, etc.)
Infraction	Non-criminal violation of law, punishable by up to a \$100 fine (i.e. motorcycle/moped violation, riding a bicycle/skating in a public area, etc.)
Status	Offenses that are not crimes if committed by adults (i.e., truancy, running away from home, ungovernable). The terms "status" and "undisciplined" are interchangeable.
Total Delinquent Complaints	Sum of delinquent complaints received
Total Complaints	Delinquent, undisciplined, infractions and status offenses summed
Undisciplined Rate per 1,000 Age 6 to 17	Rate of undisciplined complaints per 1,000 youth age 6-17
Delinquent Rate per 1,000 Age 6 to 15	Juvenile crime rate - Rate of delinquent offenses per 1,000 youth age 6-15 (# of delinquent complaints / youth population 6-15) * 1000
Distinct Juveniles Detained*	Number of individual youths placed in detention
Detention Admissions**, ***	Number of times individual youths were placed in detention
Detention Admission Rate	Rate of Detention Admissions per 1,000 youth age 6-17.
YDC Commitments	Commitment to DPS for at least six months. DPS's YDCs are secure custody facilities with therapeutic program focus.
YDC Commitment Rate per 1,000 youth Age 10-17	Rate of YDC commitments per 1,000 youth age 10-17 (# commitments / youth population 10-17) * 1000
JCPC Youth Served	Youth served during the previous fiscal year in programs supported by Juvenile Crime Prevention Councils (JCPCs)
Eckerd Youth Served	Youth served during the previous fiscal year in Eckerd programs - community-based and residential programs
MJH Youth Served	Group homes for juveniles with a thereapeutic/skill-building program focus

Source: NC Department of Public Safety, Statistics and Data, NC Juvenile Justice County Databook, 2018.

**Section I. Indicators and Sources for Demographics and Community Characteristics**

<b>Category</b>	<b>Indicator(s)</b>	<b>Data Measure, Year</b>	<b>Data Source(s)</b>
Population Characteristics	General population characteristics	General Demographic Characteristics, 2018	US Census Bureau, Population Estimates: 2018 Annual Estimates of the Resident Population
		Decennial Population Growth (Actual and Projected), 1980- 2030.	Log Into North Carolina (LINC) Database, Total Population
		Decennial Population Growth (Actual and Projected) For Ages 65 Years and Older, 2000-2030	US Census Bureau, American FactFinder, Table DP-1; NC Office of State Budget and Management, County/State Population Projections - Age, Race, and Sex Projections
		Five-Year Birth Rate Estimates (Births Per 1,000 Women), 2010-2014 to 2013-2017.	NC State Center for Health Statistics, County Health Databook
		Population Density (Persons per Square Mile) Estimates and Projections, 1980-2030	Log Into North Carolina (LINC) Database, Topic Group Population and Housing, Total Population, Population Density
	Race and ethnicity	Annual Estimates of the Resident Population by Sex, Race, and Hispanic Origin, 2018	US Census Bureau, Population Estimates: 2018 Annual Estimates of the Resident Population by Sex, Race, and Hispanic Origin
	Age and gender	Population Estimates by Age Group, 2010 Census	US Census Bureau, 2010 Census, Table DP1: Profile of General Population and Housing Characteristics
		Population Estimates by Age Group, 2018	US Census Bureau, 2018 Population Estimates, Table PEPAGESEX: Annual Estimates of the Resident Population
		Youth Population by Age, 2018	NC Department of Public Safety, Statistics and Data, NC Juvenile Justice County Databook, 2018
	Non-Native Populations	Five-Year Estimates of Non-English Speaking Population Growth, Before 1990 to After 2010.	US Census Bureau, 2017 American Community Survey 5-Year Estimates, Table B05005: Year of Entry by Nativity and Citizenship Status in the United States
		Five-Year Estimates of Latino/Hispanic Population by Age, 2013-2017	US Census Bureau, 2017 American Community Survey 5-Year Estimates, Table B01001: Sex by Age (Hispanic or Latino)

	Other Special Populations	Five-Year Estimates of Veteran Status of Adults, by Age, 2013- 2017.	US Census Bureau, 2017 American Community Survey 5-Year Estimates, Table S2101: Veteran Status
	Income	Five-Year Estimates of Economic Characteristics, 2013-2017	US Census Bureau, 2016 American Community Survey 5-Year Estimates, Table DP03: Selected Economic Characteristics
	Employment	Five-Year Estimates of Place of Work, 2013-2017	US Census Bureau, 2017 American Community Survey 5-Year Estimates, Table B08007: Sex of Workers by Place of Work
		Top Employment Sectors in Brunswick County, 2018	NC Department of Commerce Labor & Economic Analysis, Annual QCEW statistics
		Major Employers in Brunswick County, 2018	NC Department of Commerce, Economic Intelligence Development System (EDIS), Business Data, Top Employers, by County Q4
	Unemployment	Unemployment Rate (%) (per 100 workers) Among Civilian Workforce, 2010-2018	North Carolina Department of Commerce, Labor and Economic Analysis Division (LEAD). Local Area Unemployment Statistics (LAUS) - Unemployment Rate (%)
	Health Insurance	Number of Uninsured, by Age Group, 2014-2017	US Census Bureau, Small Area Health Insurance Estimates (SAHIE) - 2008 through 2017
		Percent of Population enrolled in Medicaid or CHIP, SFY 2019	NC Division of Medical Assistance, SFY 2019 Enrollment Counts by County and Budget Groups.
	Disability Status	Five-Year Estimates of Disability Status, 2013-2017	U.S. Census Bureau, 2013-2017 American Community Survey 5-Year Estimates, Table S1703: Disability Status
	Poverty	Five-Year Estimates of Individuals Living in Poverty, by Race/Ethnicity, 2011-2017	US Census Bureau, American Community Survey 5-Year Estimates, Table S1701: Poverty Status in the Past 12 Months
		Five-Year Estimates of Children and Older Adults Living in Poverty, 2013-2017	US Census Bureau, American Community Survey 5-Year Estimates, Table DP03: Selected Economic Characteristics
	Housing	Five-Year Estimates of Selected Housing Characteristics, 2013-2017	US Census Bureau, American Community Survey 5-Year Estimates, Table DP04: Selected Housing Characteristics.
		Characteristics of Renter-Occupied Housing Units, 2011-2017	US Census Bureau, American Community Survey 5-Year Estimates, Table DP04: Selected Housing Characteristics
		Characteristics of Owner-Occupied Housing Units, 2011-2017	US Census Bureau, American Community Survey 5-Year Estimates, Table DP04: Selected Housing Characteristics
Five-Year Estimates of Household Characteristics, 2013- 2017		US Census Bureau, American Community Survey 5-Year Estimates, Table S1101: Households and Families	

Children & Families	Single-Parent Families	Five-Year Estimates of Single Parent Family Characteristics, 2013-2017	US Census Bureau, 2017 American Community Survey 5-Year Estimates, Table S1101: Households and Families
		Five-Year Estimates of Grandparents Living With Children, 2013-2017	US Census Bureau, 2017 American Community Survey 5-Year Estimates, Table DP02: Selected Social Characteristics in the US
	Family Characteristics	Children Under Age 18 With No Parent in The Labor Force, 2011-2017	U.S. Census Bureau, American Community Survey 5-year estimates, 2006-2010 through 2013-2017, Table B23008
		Median Annual Family (with own child*) Income, 2011-2017	U.S. Census Bureau, American Community Survey 5-year estimates, 2006-2010 through 2013-2017, Table B19125
		Number of Children receiving Work First, 2015-2018	Duncan, D. F., Stewart, C. J., Vaughn, J. S, Guest, S., Rose, R. A, Malley, K., and Gwaltney, A. Y. (2018). Management Assistance for Child Welfare, Work First, and Food & Nutrition Services in North Carolina (v3.21), University of North Carolina at Chapel Hill Jordan Institute for Families.
		Number of Children receiving Supplemental Security Income (SSI), 2014-2017	U.S. Social Security Administration, Research, Statistics, & Policy Analysis, SSI Recipients by State and County
		Children (ages 0-3) Receiving Early Intervention Services, 2014-2017	North Carolina Division of Public Health, Early Intervention Branch. Special data request by NC Child.
	Child Care	Rates (per 1,000) of Children in Foster Care, 2015-2016	Duncan, D. F., Stewart, C. J., Vaughn, J. S, Guest, S., Rose, R. A, Malley, K., and Gwaltney, A. Y. (2018). Management Assistance for Child Welfare, Work First, and Food & Nutrition Services in North Carolina (v3.21), University of North Carolina at Chapel Hill Jordan Institute for Families
		Child Care Facilities in Brunswick County, 2019	NC Department of Health and Human Services, Division of Child Development, Child Care Facility Search Site
	Education	Schools and School Enrollment	Number of Public, Charter, and Private Schools in Brunswick, Carteret, & New Hanover County, 2019
School Enrollment Trends, School Years 2014-2018			NC Department of Public Instruction, Data and Statistics, Education Data: NC Statistical Profile
Percent of Teens Age 16-19 Not Enrolled in School and Not a High School Graduate, 2011-2017			U.S. Census Bureau, American Community Survey 5-year estimates, 2006-2010 through 2013-2017, Table B14005
Percent of Teens Age 16-19 Not Enrolled in School and Not Working, 2011-2017			U.S. Census Bureau, American Community Survey 5-year estimates, 2006-2010 through 2013-2017, Table B14005

	Educational Attainment and Investment	Educational Degrees Attained and Selected Testing Metrics	US Census Bureau, 2017 American Community Survey 5-Year Estimates, Table DP02 Selected Social Characteristics, Educational Attainment; NC School Report Cards, District Reports Cards.	
		Percent of third grade students proficient in reading at grade-level, school year 2016-2017	NC Department of Public Instruction. NC School Report Cards 2016-2017	
	High School Dropout Rate	Annual High School Drop Out Rate, School Years 2014-2018	NC Department of Public Instruction, Annual Dropout Reports	
		Annual High School Graduation Rate, School Years 2014-2018	NC Department of Public Instruction, Cohort Graduation Rate	
	Crime and Violence in Schools	Annual School Crime Rate (per 1,000 students), School Years SY2014-2018	NC Department of Public Instruction, Research and Evaluation, Discipline Data, Consolidated Data Reports, Crime & Violence Table	
		Brunswick County School Crime and Violence, by Type of Offense, School Years 2017-2018	NC Department of Public Instruction, Research and Evaluation, Discipline Data, Consolidated Data Reports, Crime & Violence Table	
		Annual School Suspensions and Expulsions, School Years 2014- 2018	NC Department of Public Instruction, Research and Evaluation, Discipline Data, Consolidated Data Reports	
	Crime & Safety	Crime Rates	Index Crime Rates (Violent and Property Crimes), 2013-2017	NC State Bureau of Investigation, Crime in North Carolina, North Carolina Crime Statistics (by Year).
			Index Crime Details for Brunswick County, 2013-2017	NC State Bureau of Investigation, Crime in North Carolina, North Carolina Crime Statistics, Crime Statistics in Detailed Reports (By Year)
Sexual Assault and Domestic Violence		Number of Individuals Filing Sexual Assault Complaints (Clients), Fiscal Years 2013-2018	NC Department of Administration, Council for Women, Domestic Violence Commission, Statistics	
		Sexual Assault Details, by Type of Assault, 2018	NC Department of Administration, Council for Women, Domestic Violence Commission, Statistics	
		Sexual Assault Details, by Type of Offender, 2018	NC Department of Administration, Council for Women, Domestic Violence Commission, Statistics	
		Number of Individuals Filing Domestic Violence Complaints (Clients), Fiscal Years 2013-2018	NC Department of Administration, Council for Women, Domestic Violence Commission, Statistics	
		Services Received by Sexual Assault Clients, 2018	NC Department of Administration, Council for Women, Statistics, County Statistics	
		Services Received by Domestic Violence Clients, 2018	NC Department of Administration, Council for Women, Statistics, County Statistics	
		Number of Domestic Violence Related Homicides, 2014-2018	NC State Bureau of Investigation, Services, SBI Statistics, Domestic Violence Report	

	Child Abuse Neglect and Exploitation	Findings of Child Abuse and Neglect and Services Needed in Brunswick County, 2013-2018	UNC-CH School of Social Work, Management Assistance for Child Welfare, Reports of Abuse and Neglect section, Investigated Reports of Abuse and Neglect: Type of Finding/Decision
		Number and Rates (per 1,000) of Children Investigated (receiving assessments) for Abuse and Neglect, FY 2015-2017	Duncan, D. F., Stewart, C. J., Vaughn, J. S, Guest, S., Rose, R. A, Malley, K., and Gwaltney, A. Y. (2018). Management Assistance for Child Welfare, Work First, and Food & Nutrition Services in North Carolina (v3.21), University of North Carolina at Chapel Hill Jordan Institute for Families
		Referral Source of Investigated Reports of Abuse and Neglect in Brunswick County, 2013-2018	UNC-CH School of Social Work, Management Assistance for Child Welfare, Reports of Abuse and Neglect section, Investigated Reports of Abuse and Neglect: Referral Source

Section II. Indicators and Sources for Health Outcomes			
Category	Indicator(s)	Data Measure, Year	Data Source(s)
Health Rankings	County health rankings	County Health Rankings, 2019	County Health Rankings and Roadmaps, 2019
		County Health Rankings Details, 2019	County Health Rankings and Roadmaps, 2019
Tobacco Use in NC	E-Cigarette use	Percent of People Who Use E-Cigarettes in North Carolina, by Age Group and Gender, 2017.	Behavioral Risk Factor Surveillance System (BRFSS). Youth Risk Behavior Surveillance System (YRBSS). CDC State Tobacco Activities Tracking and Evaluation (STATE) System State Highlights, 2019.
		Tobacco Use - E-Cigarette Use among Adults (18+) in North Carolina, 2016-2017	Behavioral Risk Factor Surveillance System (BRFSS). CDC's STATE System State Highlights, 2019.
		Tobacco Use- E-Cigarette Use among Youth in Middle and High Schools in North Carolina, 2017	Youth Risk Behavior Surveillance System (YRBSS). Youth Tobacco Survey (YTS). CDC's STATE System State Highlights, 2019.
Maternal and Infant Health	Pregnancy and Birth Rates	Pregnancy, Fertility, and Abortion Rates (per 1,000 births) for Women of Childbearing Age (15-44) and Teenagers (15-19), 2018	NC Center for Health Statistics, County-level Data, County Health Data Books: Pregnancy and Live Births
		Counts and Rates (per 1,000 births) of Teen Pregnancies, Ages 15-19, 2016-2018	NC State Center for Health Statistics, North Carolina Health Data Query System, Pregnancy Data
		Rates (per 1,000 births) of Teen Pregnancies, ages 15-17, 2013-2018	North Carolina Department of Health and Human Services, State Health Center for Health Statistics, North Carolina Reported Pregnancies
	Pregnancy Risk Factors	Five-Year Aggregates of High Parity and Short Interval Births, 2013-2017	NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Pregnancy and Births
		Prenatal Indicators – Maternal Smoking during Pregnancy, 2013-2017	NC State Center for Health Statistics, Basic Automated Birth Yearbook (BABY Book), 2018
		Percent of births with very late or no prenatal care, 2015-2018	N.C. Department of Health and Human Services, State Center for Health Statistics. North Carolina Live Birth Data
	Pregnancy Outcomes	Five-Year Aggregate of Percentage of Low Birth Weight Births by Race/Ethnicity, 2013-2017	NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Pregnancy and Births
		Five-Year Aggregate and Rate (per 1,000 births) of Infant Deaths by Race/Ethnicity, 2013-2017	NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Pregnancy and Births
		Infant Death Rates (per 1,000 live births), 2017-2018	NC Department of Health & Human Services State Center for Health Statistics, 24SEP2019
		Child Death Rates (per 100,000 residents), 2013-2017	NC Department of Health & Human Services State Center for Health Statistics

Leading Causes of Death Morbidity & Mortality	Life Expectancy	Life Expectancy for Persons Born in 2015-2017	NC State Center for Health Statistics, County-level Data, Life Expectancies Reports
	Mortality Rate Comparisons	Top 15 Leading Causes of Death in Brunswick County, Five Year Counts and Rates (per 100,000 population), 2013-2017	NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality
	Gender, Racial, and Age Disparities in Mortality	Top 15 Leading Causes of Death in Brunswick County, Five Year Counts and Rates (per 100,000 population) by Sex, 2013-2017.	NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality
		Top 15 Leading Causes of Death in Brunswick County, Five Year Counts and Rates (per 100,000 population), by Race/Ethnicity, 2013-2017.	NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality
		Top 3 Leading Causes of Death by Age Group, 2013- 2017	NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality
	Cancer	Five-Year Aggregate of Total Cancer Mortality, by Race/Ethnicity and Sex, 2013-2017	NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality, 2013-2017 Race/Ethnicity-Specific and Sex-Specific Age-Adjusted Death Rates by County.
		Five-Year Aggregate of Mortality Rate for Total Cancer and the Five Major Site-Specific Cancers, 2013- 2017	NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality, 2013-2017 Race-Specific and Sex-Specific Age-Adjusted Death Rates by County
		Five-Year Aggregate of Total Cancer Incidence (New Cases per 100,000 Population) and the Four Major Site-Specific Cancers, 2013-2017.	NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), NC Cancer Incidence Rates per 100,000
		Five-Year Aggregate of Trachea, Bronchus, and Lung Cancer Mortality, by Race/Ethnicity and Sex, 2013-2017.	NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality, 2013-2017 Race-Specific and Sex-Specific Age-Adjusted Death Rates by County
		Five-Year Aggregate of Prostate Cancer Mortality, by Race/Ethnicity for Males, 2013-2017.	NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality, 2013-2017 Race-Specific and Sex-Specific Age-Adjusted Death Rates by County
Five-Year Aggregate of Breast Cancer Mortality, by Race/Ethnicity for Females, 2013-2017.		NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality, 2013-2017 Race-Specific and Sex-Specific Age-Adjusted Death Rates by County	
Five-Year Aggregate of Colon, Rectal, Anal Cancer Mortality, by Race/Ethnicity and Sex, 2013-2017.		NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality, 2013-2017 Race-Specific and Sex-Specific Age-Adjusted Death Rates by County	

	Five-Year Aggregate of Pancreatic Cancer Mortality, by Race/Ethnicity and Sex, 2013-2017.	NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality, 2013-2017 Race-Specific and Sex-Specific Age-Adjusted Death Rates by County
Heart Disease	Five-Year Aggregate of Heart Disease Mortality, by Race/Ethnicity and Sex, 2013-2017.	NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality, 2013-2017 Race-Specific and Sex-Specific Age-Adjusted Death Rates by County
Cerebrovascular Disease	Five-Year Aggregate of Cerebrovascular Disease Mortality, by Race/Ethnicity and Sex, 2013-2017.	NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality, 2013-2017 Race-Specific and Sex-Specific Age-Adjusted Death Rates by County
Chronic Lower Respiratory Disease	Chronic Lower Respiratory Disease/Chronic Obstructive Pulmonary Disease Mortality, by Race/Ethnicity and Sex, 2013-2017	NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality, 2013-2017 Race-Specific and Sex-Specific Age-Adjusted Death Rates by County
Diabetes Mellitus	Five-Year Aggregate of Diabetes Mortality, by Race/Ethnicity and Sex, 2013-2017	NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality, 2013-2017 Race-Specific and Sex-Specific Age-Adjusted Death Rates by County
	Annual Trends in Diabetes Prevalence, 2014-2016	Centers for Disease Control and Prevention, Diabetes Data and Trends, County Data and State Data
Alzheimer's Disease	Five-Year Aggregate of Alzheimer's Disease Mortality, by Race/Ethnicity and Sex, 2013-2017	NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality, 2013-2017 Race-Specific and Sex-Specific Age-Adjusted Death Rates by County
Pneumonia and Influenza	Five-Year Aggregate of Pneumonia and Influenza Mortality, by Race/Ethnicity and Sex, 2013-2017	NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality, 2013-2017 Race-Specific and Sex-Specific Age-Adjusted Death Rates by County
Septicemia	Five-Year Aggregate of Septicemia Mortality, by Race/Ethnicity and Sex, 2013-2017	NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality, 2013-2017 Race-Specific and Sex-Specific Age-Adjusted Death Rates by County
Kidney Disease	Five-Year Aggregate of Kidney Disease Mortality, by Race/Ethnicity and Sex, 2013-2017	NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality, 2013-2017 Race-Specific and Sex-Specific Age-Adjusted Death Rates by County
Chronic Liver Disease and Cirrhosis	Five-Year Aggregate of Liver Disease Mortality, by Race/Ethnicity and Sex, 2013-2017	NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality, 2013-2017 Race-Specific and Sex-Specific Age-Adjusted Death Rates by County
Unintentional Motor Vehicle Injury	Five-Year Aggregate of Unintentional Motor Vehicle Injury Mortality, by Race/Ethnicity and Sex, 2013-2017	NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality, 2013-2017 Race-Specific and Sex-Specific Age-Adjusted Death Rates by County

		Five-Year Aggregate of Unintentional Motor Vehicle Injury Mortality, by Age, 2013-2017	NC State Center for Health Statistics, Vital Statistics, NC Vital Statistics Volume II: Leading Causes of Death, 2009 through 2017
	Unintentional Non-Motor Vehicle Injury	Five-Year Aggregate of Other Unintentional Injury Mortality, by Race/Ethnicity and Sex, 2013-2017	NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality, 2013-2017 Race-Specific and Sex-Specific Age-Adjusted Death Rates by County
	Unintentional Poisoning	Five-Year Aggregate of Unintentional Poisoning Mortality, 2013-2017	NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality, 2013-2017 Age-Adjusted Death Rates by County
	Suicide	Five-Year Aggregate of Homicide Mortality, by Race/Ethnicity and Sex, 2013-2017	NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality, 2013-2017 Race-Specific and Sex-Specific Age-Adjusted Death Rates by County
	Homicide	Five-Year Aggregate of Homicide Mortality, by Race/Ethnicity and Sex, 2013-2017	NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality, 2013-2017 Race-Specific and Sex-Specific Age-Adjusted Death Rates by County
	HIV/AIDS/STDs	Annual Number and Rates of Incident HIV Diagnoses (per 100,000 population), by County of First Diagnosis, 2013-2017	NC Division of Public Health, Epidemiology Section, Communicable Disease Branch Annual Reports: 2017 North Carolina HIV/STD/Hepatitis Surveillance Report
		Five-Year Aggregate of AIDS Mortality, by Race/Ethnicity and Sex, 2013-2017	NC State Center for Health Statistics, County-level Data, County Health Data Book (2019), Mortality, 2013-2017 Race-Specific and Sex-Specific Age-Adjusted Death Rates by County
		Annual Trends in Chlamydia Incidence, 2013-2017	NC Division of Public Health, Epidemiology Section, Communicable Disease Branch Annual Reports: 2017 North Carolina HIV/STD/Hepatitis Surveillance Report
		Annual Trends in Gonorrhea Incidence, 2013-2017	NC Division of Public Health, Epidemiology Section, Communicable Disease Branch Annual Reports: North Carolina 2016 HIV/STD/Hepatitis Surveillance Report
	Obesity	Annual Trends in Adult Obesity Prevalence, 2015-2019	County Health Rankings and Roadmaps, 2015-2019
	Food Access	Number of People with Poor Access to Healthy Food, 2019	County Health Rankings and Roadmaps: U.S. Department of Agriculture (USDA) 2019
	Behavioral Health	Annual Counts of Persons Served by Local Management Entity-Managed Care Organizations, 2014-2017.	Log Into North Carolina (LINC) Database, Topic Group Vital Statistics and Health: Persons Served in Area Mental Health Programs
		Annual Counts of Persons Served by State Psychiatric Hospitals, 2014-2017	Log Into North Carolina (LINC) Database, Topic Group Vital Statistics and Health: Persons Served in State Psychiatric Hospitals

Service Utilization		Annual Counts of Persons Served by State Mental Health Development Centers, 2014-2016	Log Into North Carolina (LINC) Database, Topic Group Vital Statistics and Health: Persons Served in State Mental Health Development Centers	
		Annual Counts of Persons Served by State Alcohol and Drug Treatment Centers, 2014-2016	Log Into North Carolina (LINC) Database, Topic Group Vital Statistics and Health: Persons Served in NC Alcohol and Drug Treatment Centers	
	Emergency Department	Annual Number of Emergency Department Visits to County Facilities, Fiscal Years 2013-2017	UNC Cecil G. Sheps Center for Health Services Research, FY2017 Emergency Room Visits, NC Emergency Department Patient Characteristics by Hospital	
		Annual Number of Emergency Department Visits to County Facilities, by Race, Fiscal Year 2017	UNC Cecil G. Sheps Center for Health Services Research, FY2017 Emergency Room Visits, NC Emergency Department Patient Characteristics by Hospital	
		Annual Number of Emergency Department Visits to County Facilities, by Ethnicity, Fiscal Year 2017	UNC Cecil G. Sheps Center for Health Services Research, FY2017 Emergency Room Visits, NC Emergency Department Patient Characteristics by Hospital	
		Annual Number of Emergency Department Visits to County Facilities, by Age, Fiscal Year 2017	UNC Cecil G. Sheps Center for Health Services Research, FY2014 Emergency Room Visits, NC Emergency Department Patient Characteristics by Hospital	
	Criminal Justice System	Juvenile Justice County Data, 2018	NC Department of Public Safety, Statistics and Data, NC Juvenile Justice County Databook, 2018	
		Number of Persons (ages 17-105) in Prison, 2019	A. S. Q. Custom Offender Reports, North Carolina Department of Public Safety, Office of Research and Planning	
			Annual Number of Emergency Department Visits to County Facilities, by Payer, Fiscal Year 2017	UNC Cecil G. Sheps Center for Health Services Research, FY2014 Emergency Room Visits, NC Emergency Department Patient Characteristics by Hospital
			Number of Drug Overdose Deaths per 100,000 population, 2019	Centers for Disease Control and Prevention (CDC). Increases in Drug and Opioid Overdose Deaths — United States, 2000–2014. MMWR Morb Mortal Wkly Rep. 2016; 64(50);1378-82
Number of unintentional opioid-related deaths (ICD-10) to NC Residents, by County, 2018			North Carolina State Center for Health Statistics, Vital Statistics. Death Certificate Data, 1999-present.	

Substance Misuse	Reduce Death/Emergency Department (ED) Outcomes	Number of ED visits that received an opioid overdose diagnosis (all intents), by County, 2019	<i>North Carolina Division of Public Health, Epidemiology Section, North Carolina Disease Event Tracking and Epidemiologic Collection Tool (NC DETECT), 2008-present</i>
		Opioid Poisoning ED Visits and Deaths by County, 2016-2017	NC Department of Health and Human Services, NC Injury and Violence Prevention Branch, <i>N.C. DETECT Emergency Department (ED) Data, All Opioid Poisoning ED Visits by County, 2008-2017</i>
		<i>Methadone Poisoning ED Visits and Deaths by County, 2016-2017</i>	NC Department of Health and Human Services, NC Injury and Violence Prevention Branch, <i>N.C. DETECT Emergency Department (ED) Data, All Methadone Poisoning ED Visits by County: N.C. Residents, 2008-2017</i>
		Synthetic Narcotic Poisoning ED Visits and Deaths by County, 2016-2017	NC Department of Health and Human Services, NC Injury and Violence Prevention Branch, <i>N.C. DETECT Emergency Department (ED) Data, All Synthetic Narcotic Poisoning ED Visits by County: N.C. Residents, 2008-2017</i>
		Heroin Poisoning ED Visits and Deaths by County, 2016-2017	NC Department of Health and Human Services, NC Injury and Violence Prevention Branch, <i>N.C. DETECT Emergency Department (ED) Data, All Heroin Poisoning ED Visits by County: N.C. Residents, 2008-2017</i>
		Cocaine Poisoning ED Visits and Deaths by County, 2008-2017	NC Department of Health and Human Services, NC Injury and Violence Prevention Branch, <i>N.C. DETECT Emergency Department (ED) Data, All Cocaine Poisoning ED Visits by County, 2008-2017</i>
		Psychostimulant Poisoning ED Visits and Deaths by County, 2016-2017	NC Department of Health and Human Services, NC Injury and Violence Prevention Branch, <i>N.C. DETECT Emergency Department (ED) Data, All Psychostimulant Poisoning ED Visits by County, 2008-2017</i>
		Benzodiazepine Poisoning ED Visits and Deaths by County, 2016-2017	NC Department of Health and Human Services, NC Injury and Violence Prevention Branch, <i>N.C. DETECT Emergency Department (ED) Data, All Benzodiazepine Poisoning ED Visits by County, 2008-2017</i>
		Antiepileptic and Sedative-Hypnotic Drug Poisoning ED Visits and Deaths by County, 2016-2017	NC Department of Health and Human Services, NC Injury and Violence Prevention Branch, <i>N.C. DETECT Emergency Department (ED) Data, All Other Antiepileptic and Sedative-Hypnotic Drug Poisoning ED Visits by County, 2008-2017</i>
		Rate of Opioid Prescriptions Dispensed per 100 Persons, 2017	Centers for Disease Control and Prevention, <i>Data, U.S. Opioid Prescribing Rate Maps, 2017</i>

	Reduce Oversupply of Prescription Opioids	Average rate of multiple provider episodes for prescription opioids, per 100,000 residents, by County, 2018	North Carolina Division of Mental Health, Developmental Disabilities and Substance Abuse Services, Controlled Substance Reporting System (CSRS), 2011-present
		Number of opioid pills dispensed, by County, 2019	North Carolina Division of Mental Health, Developmental Disabilities and Substance Abuse Services, Controlled Substance Reporting System (CSRS), 2011-present
		Percent of patients with an opioid prescription receiving more than an average daily dose of 90+ MME of opioid analgesics by County, 2019	North Carolina Division of Mental Health, Developmental Disabilities and Substance Abuse Services, Controlled Substance Reporting System (CSRS), 2011-present
		Percent of prescription days any patient had at least one opioid AND at least one benzodiazepine prescription on the same day by County, 2019	North Carolina Division of Mental Health, Developmental Disabilities and Substance Abuse Services, Controlled Substance Reporting System (CSRS), 2011-present
Reduce Diversion/Flow of Illicit Drugs	Percent of opioid deaths involving heroin or fentanyl/fentanyl analogues, by County, 2018	North Carolina Office of the Chief Medical Examiner (OCME) and the OCME Toxicology Laboratory, 2010-present	
	Number of acute hepatitis C cases, by County, 2019	North Carolina Division of Public Health, Epidemiology Section, North Carolina Electronic Disease Surveillance System (NC EDSS), 2000-present	
Increase Access to Naloxone	Number of EMS naloxone administrations, by County, 2019	North Carolina Office of Emergency Medical Services (OEMS), EMSpic-UNC Emergency Medicine Department, 2012-present.	
	Number of community naloxone reversals, by County, 2019	NCDHHS Division of Public Health, NC Harm Reduction Coalition Monthly Updates, 2019	
Treatment and Recovery	Number of buprenorphine prescriptions dispensed, by County, 2019	North Carolina Division of Mental Health, Developmental Disabilities and Substance Abuse Services, Controlled Substance Reporting System (CSRS), 2011-present	
	Number of uninsured individuals and Medicaid beneficiaries with an opioid use disorder served by treatment programs, by County, 2019	North Carolina Division of Mental Health, Developmental Disabilities and Substance Abuse Services, Claims Data, 2013-present	
	Number of certified peer support specialists (CPSS), by County, 2019	University of North Carolina at Chapel Hill, School of Social Work, Behavioral Health Springboard, 2010-present	
Alcohol-Related Health Data	Fatalities in Crashes Involving an Alcohol-Impaired Driver (BAC = .08+) by County, 2013-2017	U.S. Department of Transportation, National Highway Traffic Safety Administration, Traffic Safety Facts for North Carolina. FARS 2013 - 2016 Final and Fars 2017 ARF	
	Alcohol-Involved Crashes (5 Year Data), 2013-2017	U.S. Department of Transportation, National Highway Traffic Safety Administration, Traffic Safety Facts for North Carolina. FARS 2013 - 2016 Final and Fars 2017 ARF	

		Alcohol-Involved Suicides by County, 10 Year Suicide Data 2007-2016	NC State Center for Health Statistics, Vital Statistics. Death Certificate Data 2007-2016
		Alcohol-Related Health Data, Various Years	NC State Center for Health Statistics, Vital Statistics

# **Appendix 5: 2019 Brunswick County Data Book**



# Our County

*Book of Statistical Facts, Data, & Maps for Brunswick County*

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**FALL 2019**

*Prepared by the Brunswick County Planning Department*





## BRUNSWICK COUNTY PLANNING

P.O. Box 249  
75 Courthouse Drive N.E., Bldg I  
Bolivia NC 28422

### LETTER FROM THE PLANNING DIRECTOR

**Greetings!** The information included within this book is intended to answer the frequently asked questions about Brunswick County, North Carolina. Brunswick County has experienced rapid growth over the last few decades. Currently, Brunswick County is ranked 1<sup>st</sup> in percent growth among counties in North Carolina and 4<sup>th</sup> in the nation among counties with populations of 20,000 or more from 2010-2018. With 19 municipalities and ranking 7<sup>th</sup> in land area among all N.C. counties, Brunswick County is comprised of a collection of both rural and coastal communities with major activity centers located throughout its approximately 860 square miles. Geographically, Brunswick County is bound on the north and east by the Cape Fear River, to the west by the Waccamaw River, to the south by the Atlantic Ocean and Intracoastal Waterway, and shares some of its western boundary with the State of South Carolina.

There are three Chambers of Commerce located within Brunswick County – the Southport-Oak Island Chamber of Commerce, the Brunswick County Chamber of Commerce, and the North Brunswick Chamber of Commerce - that are excellent resources and their contact information can be found below:

**Southport-Oak Island  
Chamber of Commerce**

4433 Long Beach Road SE  
Southport, NC 28461  
910.457.6964  
info@southport-oakisland.com  
www.southport-oakisland.com

**Brunswick County  
Chamber of Commerce**

114 Wall Street  
PO Box 1135  
Shalotte, NC 28459  
910.754.6644 or 800.426.6644  
info@brunswickcountycommerce.org  
www.brunswickcountycommerce.org

**North Brunswick  
Chamber of Commerce**

497 Olde Waterford Way #202  
PO Box 100  
Belville, NC 28451  
910.383.0553  
nbchamber@nbchamber.net  
www.nbchamberofcommerce.com

Not all data topics could be covered in this book, therefore the information herein provides just a glance of Brunswick County. More detailed information is available and may be obtained by accessing the sources cited herein and/or by contacting the Brunswick County Planning Department where staff will be happy to assist you.

Sincerely,

Kirstie Dixon  
Planning Director



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## Historical Facts

- ❖ Brunswick County was founded in 1764.
- ❖ Brunswick County was formed out of New Hanover County and Bladen County.
- ❖ Brunswick County was named after the Town of Brunswick, which was named in honor of King George I, who was the Duke of Brunswick and Lunenburg.
- ❖ Brunswick County is in the southeastern part of North Carolina and is bounded by the Atlantic Ocean, Cape Fear River, State of South Carolina, and the Counties of Columbus, New Hanover, and Pender.
- ❖ The Town of Brunswick was established in 1745 and was the original county seat.
- ❖ In 1779, the county seat was moved to John Bell's plantation, which was located near the Lockwood Folly.
- ❖ The Town of Walkersburg was established in 1784. The Town was named after John Walker, who owned the property on which the town was established. A courthouse and other public buildings were then built in Walkersburg.
- ❖ In 1808, the courthouse was moved from Lockwood Folly to Smithville.
- ❖ The Town of Smithville was established in 1792 and named for North Carolina Governor, Benjamin Smith.
- ❖ In 1887 Smithville was renamed Southport.
- ❖ Southport was the county seat until 1977, when it was moved to its present-day location of Bolivia.
- ❖ Brunswick County ranks sixth, out of the 100 North Carolina Counties, in total land area with 856 square miles of land.
- ❖ Brunswick County has 19 municipalities, more than any other county in the state.



Sources: North Carolina Encyclopedia  
<http://statelibrary.dcr.state.nc.us/NC/COVER.HTM>



COUNTY	FASTEST GROWING COUNTIES IN NORTH CAROLINA									
	2000-2018					2010-2018				
	POP. 2000	POP. 2010	POP. 2015	POP. 2018	POP. INCREASE	% POP. GROWTH	POP. INCREASE	% POP. GROWTH	STATE RANK	
<i>Brunswick</i>	<b>73,141</b>	<b>107,431</b>	<b>122,765</b>	<b>136,744</b>	<b>63,603</b>	<b>86.96%</b>	<b>29,313</b>	<b>27.30%</b>	<b>1</b>	
Wake	627,865	901,021	1,024,198	1,092,305	464,440	74.00%	191,247	21.20%	2	
Johnston	121,965	168,878	178,396	202,675	80,710	66.20%	33,798	20.00%	3	
Pender	41,082	52,201	57,611	62,162	21,080	51.30%	9,964	19.10%	4	
Mecklenburg	695,427	919,628	1,034,070	1,093,901	398,474	57.30%	174,233	18.90%	5	
Cabarrus	131,030	178,182	196,762	211,342	80,312	61.30%	33,255	17.30%	6	
Durham	223,314	269,974	300,952	316,739	94,425	42.30%	46,740	17.20%	7	
Union	123,738	201,307	222,742	235,908	112,170	91.00%	34,574	17.00%	8	
Harnett	91,062	114,678	128,140	134,214	43,152	47.40%	19,533	16.80%	9	
Hoke	33,646	46,952	52,671	54,764	20,470	62.80%	7,874	15.20%	10	

Sources: U.S. Census Bureau for 2000, 2010, 2015 website: [www.census.gov](http://www.census.gov)

KC Office of State Planning website: <http://demtopi.sbls.nc.us>



# Demographics & Population Facts

## Population

Population, 1990
Population, 2000
Population, 2010
Population, 2015
Population, 2018
Population, percent change, 1990-2018
Population, percent change, 2000-2018
Population, percent change, 2010-2018
Population projection 2020
Population projection 2030
Persons under 5 years old (2017)
Persons under 18 years old (2017)
Persons 65 years old and over (2017)
Median age (2017)
Female persons (2017)

## Brunswick County

50,985
73,143
107,431
122,765
136,744
168.20%
86.96%
27.29%
137,032
167,945
4.40%
16.40%
29.30%
50.9
51.80%

## North Carolina

6,632,448
8,049,313
9,535,483
10,042,802
10,363,620
56.26%
28.75%
8.68%
10,574,718
11,609,883
6.00%
22.70%
15.50%
37.7
51.40%

## Ethnicity

White (2017)
Black or African American (2017)
American Indian and Native Alaskan (2017)
Asian (2017)
Two or more races (2017)
Hispanic or Latino (2017)

## Brunswick County

85.90%
10.70%
0.80%
0.70%
1.70%
4.70%

## North Carolina

71.00%
22.20%
1.60%
2.90%
2.20%
9.20%

## Education & Housing

High School Graduates (2016)
Persons with Bachelor's Degree or Higher (2016)
Dropout rate, 2015-2016
Graduation rate, 2016-2017 (four-year cohort)
Housing units (2016)
Homeownership rate, 2012-2016
Households (2016)
Persons per household (2016)

## Brunswick County

88.00%
27.00%
3.26%
84.67%
85,161
75.90%
50,562
2.34

## North Carolina

86.30%
29.00%
2.31%
86.50%
4,540,448
64.80%
3,815,392
2.54

## Income, Health & Poverty

Median household income (2016)
Persons below poverty (2016)
Elderly poverty rate (2016)
Child poverty rate (2016)
Infant mortality rate (2016)
Percent uninsured (2016)

## Brunswick County

\$49,356
13.80%
5.80%
26.10%
9.20%
14.60%

## North Carolina

\$48,256
16.80%
9.70%
21.4%
7.20%
13.20%

## Geography & Land

Land area (square miles)
Persons per square mile (2017)
Metropolitan Area

## Brunswick County

847
152.9
Myrtle Beach, SC

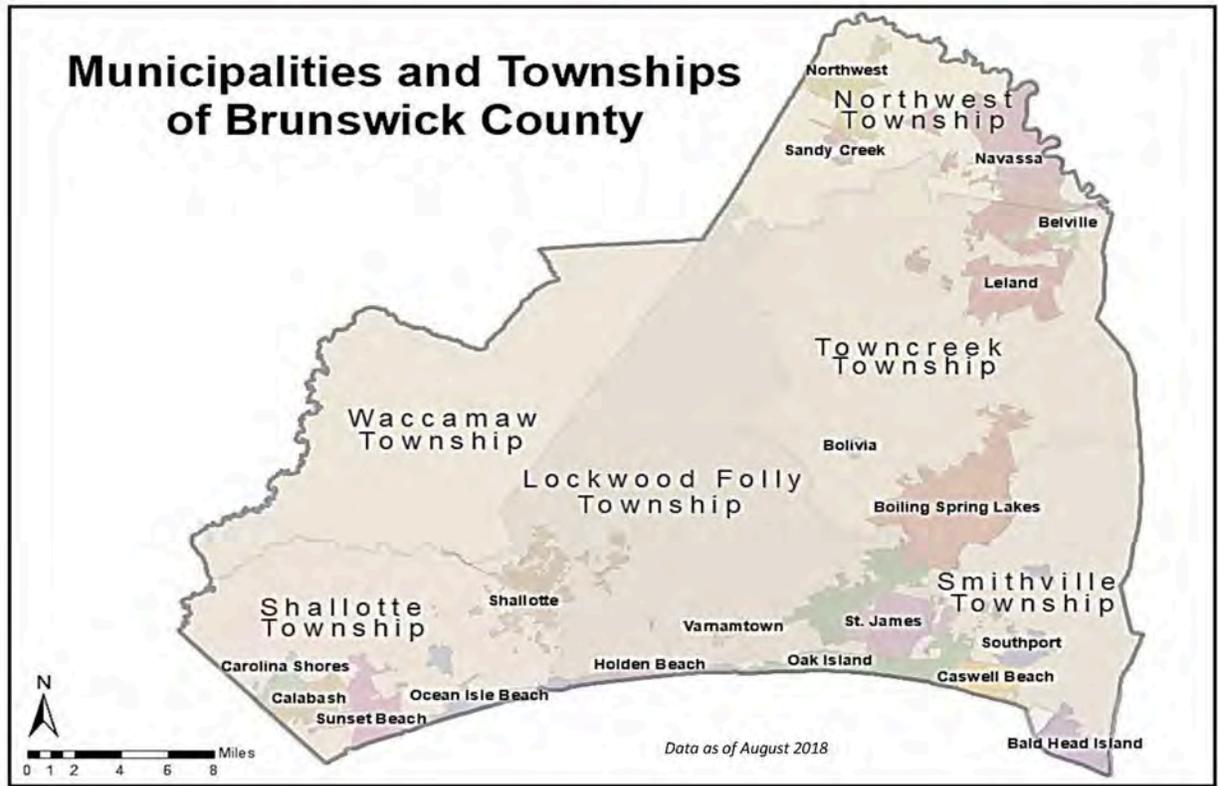
## North Carolina

48,618
211.3

Sources: U.S. Census Bureau:  
[www.census.gov](http://www.census.gov)  
 State Center for Health  
 Statistics  
 NC Office of State Planning:  
<http://demog.state.nc.us>

NC Department of Public Instruction  
 ([ncpublicschools.org](http://ncpublicschools.org))

Dept. of Housing and Urban  
 Development: [www.hud.gov](http://www.hud.gov)





# Townships in Brunswick County

TOWNSHIP	POPULATION (2016)	MEDIAN AGE	AVERAGE HOUSEHOLD SIZE
Lockwood Folly (LF)	25,716	57.1	2.20
Northwest (NW)	13,638	38.7	2.83
Shallotte (SH)	27,861	60.2	2.20
Smithville (SM)	15,361	53.2	2.21
Town Creek (TC)	32,597	41.9	2.50
Waccamaw (WC)	3,994	35.3	3.03

Township	White	Black or African American	Hispanic/Latino	American Indian and Alaska Native	Asian	Native Hawaiian and Other Pacific Islander	Two or More Races
Lockwood Folly (LF)	21,612	2,314	902	126	114	130	504
Northwest (NW)	8,703	3,037	1,276	28	9	321	585
Shallotte (SH)	23,585	2,510	1,321	43	103	18	268
Smithville (SM)	14,372	552	368	33	35	0	321
Town Creek (TC)	25,474	3,916	1,559	142	531	0	596
Waccamaw (WC)	3,343	265	214	19	0	0	153

TOWNSHIP	POP. 2000	POP. 2010	POP. 2016	2000-2016 GROWTH	2010-2016 GROWTH
Lockwood Folly (LF)	16,100	23,248	25,716	59.72%	10.62%
Northwest (NW)	9,319	12,190	13,638	46.35	11.88%
Shallotte (SH)	18,420	26,545	27,861	51.25%	4.96%
Smithville (SM)	12,019	14,467	15,361	27.81%	6.18%
Town Creek (TC)	14,426	27,533	32,597	125.96%	18.39%
Waccamaw (WC)	2,859	3,448	3,994	39.70%	15.84%

Source: U.S. Census Bureau  
www.Census.gov



## Municipal Populations

<u>Municipality</u>	<u>1990</u>	<u>2000</u>	<u>2010</u>	<u>2017</u>	<u>2010-2017 % Growth</u>
Bald Head Island	78	173	158	177	12.03%
Belville	66	285	1,936	2,227	15.03%
Boiling Spring Lakes	1,650	2,972	5,372	6,719	25.07%
Bolivia	228	148	143	160	11.89%
Calabash	1,210	711	1,786	1,994	11.65%
Carolina Shores	1,031	1,482	3,048	3,681	20.77%
Caswell Beach	175	370	398	452	13.57%
Holden Beach	626	787	575	637	10.78%
Leland	1,801	1,938	13,527	18,893	39.67%
Navassa	445	479	1,505	1,867	24.05%
Northwest	N/A	671	735	840	14.29%
Oak Island	4,550	6,571	6,783	7,629	12.47%
Ocean Isle Beach	523	426	550	646	17.45%
Sandy Creek	243	246	260	294	13.08%
Shalotte	965	1,381	3,675	4,697	27.81%
Southport	2,369	2,351	2,833	3,481	22.87%
St. James	N/A	804	3,165	4,899	54.79%
Sunset Beach	311	1,824	3,572	4,206	17.75%
Varnamtown	404	481	541	641	18.48%
<b>INCORPORATED</b>	---	---	<b>50,562</b>	<b>64,140</b>	<b>26.85%</b>
<b>UNINCORPORATED</b>	---	---	<b>56,869</b>	<b>72,337</b>	<b>27.20%</b>
<b>BRUNSWICK COUNTY</b>	<b>50,985</b>	<b>73,143</b>	<b>107,431</b>	<b>131,887</b>	<b>22.76%</b>
<b>NORTH CAROLINA</b>	<b>6,626,637</b>	<b>8,049,310</b>	<b>9,535,721</b>	<b>10,283,255</b>	<b>7.84%</b>

Sources: U.S. Census Bureau for 1990, 2000, 2010, 2017 website

[www.census.gov](http://www.census.gov)

NC Office of State Planning website <http://demog.state.nc.us>



# Brunswick County Building Permits

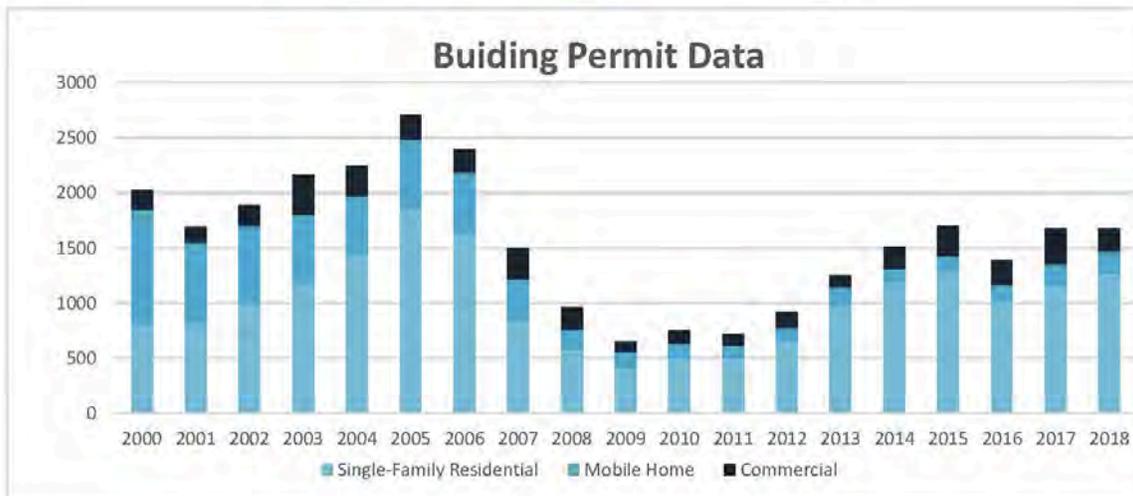
CALENDAR YEAR	SINGLE-FAMILY RESIDENTIAL	MOBILE HOME	COMMERCIAL	TOTAL
2000	811	1,036	184	2,031
2001	819	729	146	1,694
2002	1,004	701	187	1,892
2003	1,181	625	361	2,167
2004	1,435	534	277	2,246
2005	1,870	611	227	2,708
2006	1,637	552	208	2,397
2007	843	378	278	1,499
2008	575	187	204	966
2009	416	141	97	654
2010	492	142	120	754
2011	504	112	102	718
2012	661	118	140	919
2013	981	161	109	1,251
2014	1,191	122	202	1,515
2015	1,287	137	281	1,705
2016	1,016	154	223	1,393
2017	1,150	206	325	1,681
2018	1,267	206	212	1,685
<b>Total</b>	<b>19,140</b>	<b>6,852</b>	<b>3,883</b>	<b>29,875</b>

\*Data is for Brunswick County issued permits and participating municipalities, which is subject to change from year-to-year.

In 2018,  
1,267 S/F  
Residential  
Permits  
Issued

In 2005,  
2,708  
Permits were  
Issued

In 2017,  
325  
Commercial  
Permits Issued





# Business, Labor, & Employment Report

## Business, Labor and Employment Facts

	<u>Brunswick County</u>	<u>North Carolina</u>
Employment Total, 2017	32,674	4,706,794
Number of Establishments, 2017	2,448	227,347
Private non-farm establishments, 2014	2,298	219,897
Private non-farm employment, 2014	23,815	3,735,000
Private non-farm employment, percent change, 2005-2014	13.55%	4.41%
Non-employer establishments, 2015	10,217	722,639
Establishments with no employees, 2012	8,157	650,211
Very small establishments (1-9 employees), 2014	1,771	158,655
Very large establishments (100+ employees), 2014	28	5,050
Accommodation and food services employment, percent, 2017	15.53%	10.67%
Arts, entertainment, and recreation employment, percent, 2017	4.72%	1.69%
Construction employment, percent, 2017	6.29%	4.57%
Education employment, percent, 2017	6.55%	2.97%
Health Care employment, percent, 2017	12.57%	15.31%
Information and Financial Activities employment, percent, 2017	2.61%	6.62%
Manufacturing employment, percent, 2017	4.31%	10.03%
Professional and Business services employment, percent, 2017	3.13%	13.43%
Public Administration employment, percent, 2017	7.24%	9.98%
Retail Sales, 2017	\$1,616,848,003	\$139,169,804,379
Retail sales per capita, 2017	\$12,352	\$13,547
Civilian Labor Force, 2017	50,643	4,928,368
Unemployment Rate, 2017	5.6%	4.5%
Announced Job Creation, 2017	35	N/A



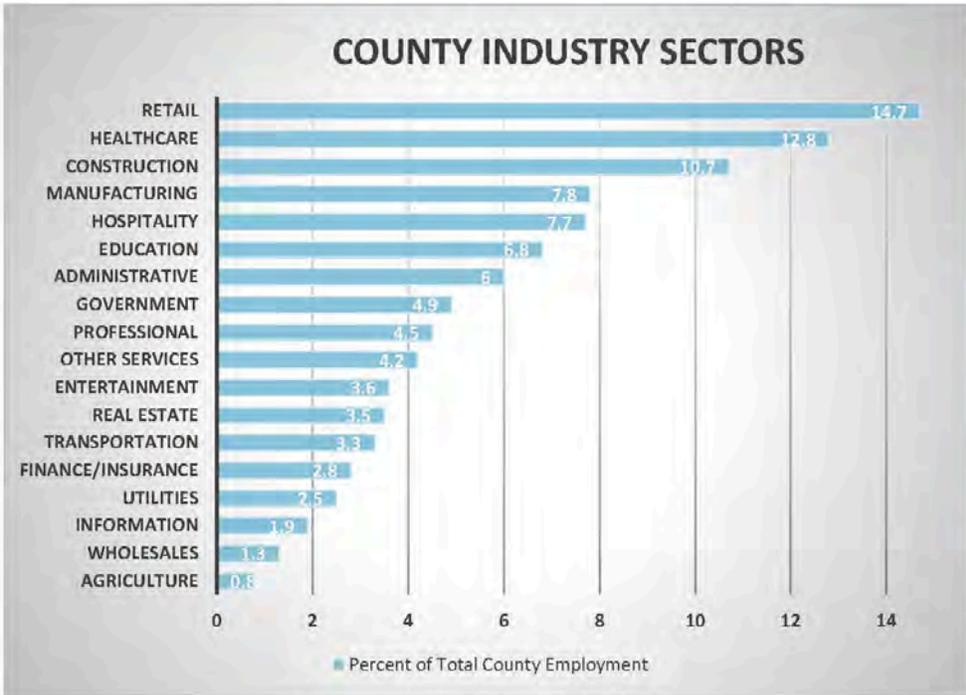
Source: U.S. Census Bureau: [www.census.gov](http://www.census.gov)  
 US Dept. of Labor Bureau of Labor Statistics



# Business, Labor & Employment Report

**THE TABLE TO THE RIGHT CONTAINS THE 25 LARGEST EMPLOYERS IN BRUNSWICK COUNTY.**

Top 25 Employers in Brunswick County			
Rank	Company Name	Industry	Employment Range
1	Brunswick County Board of Education	Education & Health Services	1000+
2	County of Brunswick	Public Administration	1000+
3	Duke Energy Progress	Trade, Transportation & Utilities	1000+
4	Wal-Mart Associates Inc	Trade, Transportation & Utilities	500-999
5	Food Lion	Trade, Transportation & Utilities	500-999
6	Brunswick Novant Medical Center	Education & Health Services	500-999
7	Brunswick Community College	Education & Health Services	250-499
8	Lowe's Foods LLC	Trade, Transportation & Utilities	250-499
9	Liberty Healthcare Group LLC	Education & Health Services	250-499
10	Lowe's Home Centers Inc	Trade, Transportation & Utilities	250-499
11	McAndersons Inc	Leisure & Hospitality	250-499
12	SBH Wilmington LLC	Education & Health Services	250-499
13	Dosher Memorial Hospital	Education & Health Services	250-499
14	Department of Defense	Public Administration	250-499
15	Troon Golf LLC	Leisure & Hospitality	100-249
16	Charter Day School Inc	Education & Health Services	100-249
17	Novant Health Group	Education & Health Services	100-249
18	US Postal Service	Trade, Transportation & Utilities	100-249
19	Archer Daniels Midland Co	Manufacturing	100-249
20	Atlantic Telephone Membership Corp	Information	100-249
21	Carolina Staffing Solutions	Professional & Business Services	100-249
22	Portus Terminals LLC	Trade, Transportation & Utilities	100-249
23	Coating and Adhesive Corp	Manufacturing	100-249
24	BHI Energy Power Services LLC	Professional & Business Services	100-249
25	Tradition Golf Club at Carolina National	Leisure & Hospitality	100-249

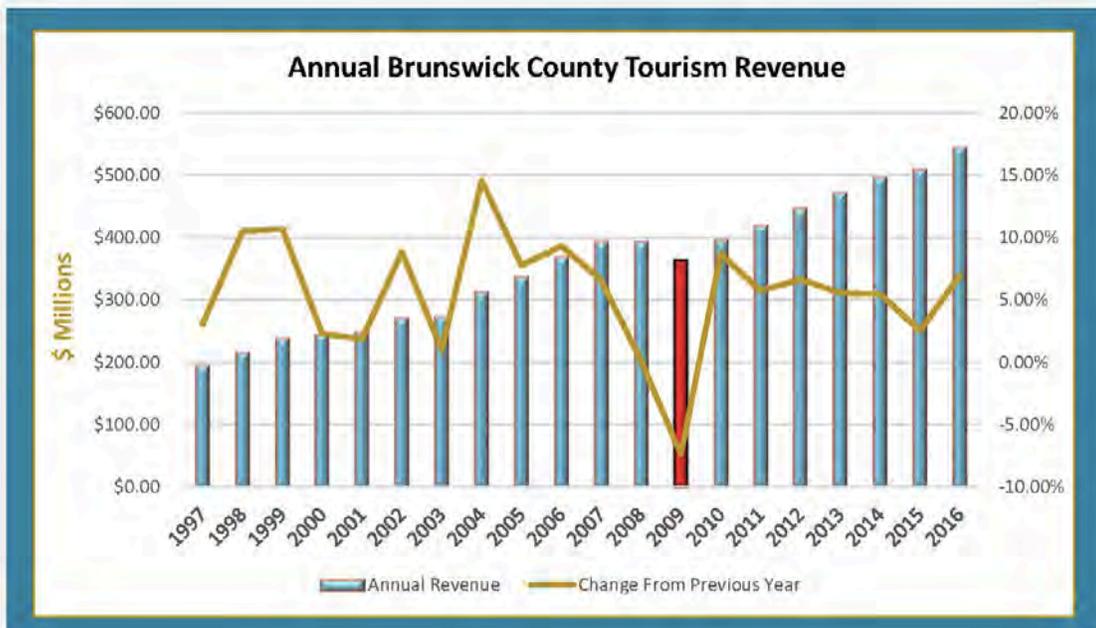


**THE GRAPH TO THE LEFT CONTAINS A BREAKDOWN OF THE INDUSTRIES PROVIDING JOBS IN THE COUNTY.**



# Tourism in Brunswick County

State Tourism Revenue Rankings 2016					
County	Revenue \$(millions)	Revenue per Capita	% Distribution in State	State Rank 2016	2016 Population
Mecklenburg	5,163.74	\$4,895.31	22.43%	1	1,054,835
Wake	2,171.14	\$2,074.09	9.43%	2	1,046,791
Guilford	1,349.31	\$2,588.21	5.86%	3	521,330
Dare	1,101.63	\$30,631.46	4.79%	4	35,964
Buncombe	1,071.66	\$4,184.73	4.66%	5	256,088
Forsyth	846.67	\$2,278.99	3.68%	6	371,511
Durham	776.29	\$2,535.14	3.37%	7	306,212
New Hanover	554.29	\$2,480.23	2.41%	8	223,483
<b>Brunswick</b>	<b>544.35</b>	<b>\$4,287.81</b>	<b>2.36%</b>	<b>9</b>	<b>126,953</b>
Cumberland	526.95	\$1,610.84	2.28%	10	327,127
Moore	469.41	\$4,901.12	2.04%	11	95,776
Cabarrus	433.42	\$2,150.01	1.88%	12	201,590
North Carolina	23,021.47	\$2,268.84	----	----	10,146,788





# Tourism and Climate Summary Facts

## Tourism Facts

- ❖ Peak season population is during the mid-summer months and it is estimated that the population rises to 2.6 times the annual base population.
- ❖ In 2016, Brunswick County ranked 10<sup>th</sup> in travel impacts among North Carolina’s 100 counties.
- ❖ Domestic tourism in Brunswick County generated an economic impact of \$470,580,000 in 2013. This was an increase of 5.73% from 2012 and an increase of 93.25% from 2000.
- ❖ Tourism revenue for Brunswick County increased by \$227,070,000 from 2000 to 2013.
- ❖ More than 5,030 jobs in Brunswick County were directly attributable to the travel and tourism industry.
- ❖ Travel generated \$85,710,000 in payroll in 2013.
- ❖ State and local tax revenues from travel to Brunswick County amounted to \$49,620,000. This represents an approximate tax savings of \$428.99 to each county resident.
- ❖ There are 6 beach communities located within Brunswick County (Bald Head Island, Caswell Beach, Holden Beach, Oak Island, Ocean Isle Beach, Sunset Beach).
- ❖ Area attractions include historic Southport, Old Brunswick Town, Bald Head Lighthouse, Oak Island Lighthouses, Ingram Planetarium, Museum of Coastal Carolina, Silver Coast Winery, Fort Caswell, Calabash seafood, various parks/preserves, motorized boat ramps/marinas, and non-motorized boat access sites. Additionally, there are approximately 30 golf courses scattered throughout Brunswick County.

## Climate Summary

Brunswick county enjoys a mild and marine-influenced climate. During the summer, sea breeze-induced clouds normally develop in the late morning hours and move inland. Thunderstorms and other rain events are common, with an average of 9 storms per year that have damaging winds and/or dropping hail. The #1 weather hazard for the Cape Fear Region is hurricanes that have associated impacts (wind, storm surge, and flooding).

### Temperature Normals

	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
High	56.4	59.9	66.4	74.2	80.7	86.9	89.7	88.1	83.7	75.7	68.0	59.3	74.1
Low	35.6	37.9	43.8	51.6	60.0	68.7	72.6	71.3	65.6	54.6	45.4	37.8	53.8
Mean	46.0	48.9	55.1	62.9	70.4	77.8	81.1	79.7	74.6	65.2	56.7	48.6	64.0

### Precipitation Normals

	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Annual
Total	3.76"	3.62"	4.21"	2.82"	4.49"	5.18"	7.48"	7.41"	7.84"	3.89"	3.29"	3.62"	57.61"

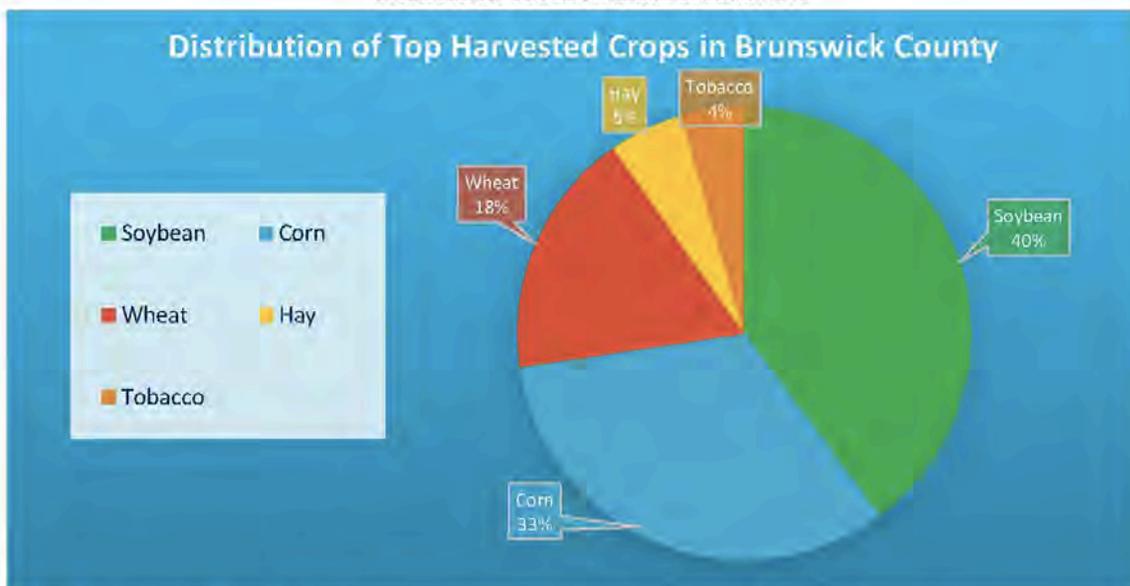
Sources: National Weather Service  
NC Department of Commerce: [www.nccommerce.com](http://www.nccommerce.com)



## Agriculture in Brunswick County

Brunswick County's economy and culture have historically been centered around agriculture. Even after decades of rapid residential and commercial growth, agriculture continues to have a strong positive influence on Brunswick County and the Cape Fear Region. Revenue is gained from crops, livestock, agricultural-related employment, value-added products, and agriculture-related services. Agriculture products in Brunswick County are also diverse and producers provide an array of products and services. Examples of products include, but are not limited to: tomatoes, herbs, corn, hay, timber, cotton, soybeans, wheat, turf, tobacco, and livestock.

### BRUNSWICK COUNTY AGRICULTURE FACTS



- ❖ 542,080 acres or 84% of land area is actively farmed (timbering, crops, livestock)
- ❖ Forestry has the biggest impact on agriculture with timberland taking up 409,872 acres or 76%
- ❖ Brunswick County ranks 1<sup>st</sup> in tomato production within NC
- ❖ From 2007 to 2012, Brunswick County experienced an increase of 3.08% inland area for farming
- ❖ Brunswick County ranked 20th for the number of hogs and pigs raised with 85,000 hogs & pigs raised in 2016.
- ❖ In 2016, Agriculture and Government Cash Receipts Payments totaled \$43,081,377
- ❖ 27,631 acres of farmland and 202 farms were protected and enrolled in Brunswick County's Voluntary Agriculture District (VAD) Program
- ❖ The VAD Program saw an increase of 6% with 12 new farms from 2013 to 2017

Sources: 2012 Census of Agriculture  
 North Carolina Department of Agriculture and Consumer Services  
 Brunswick County Voluntary Agricultural District 2013 Annual Report  
 North Carolina Forest Service  
 Brunswick County Agricultural Development Plan



# Agriculture Census Data

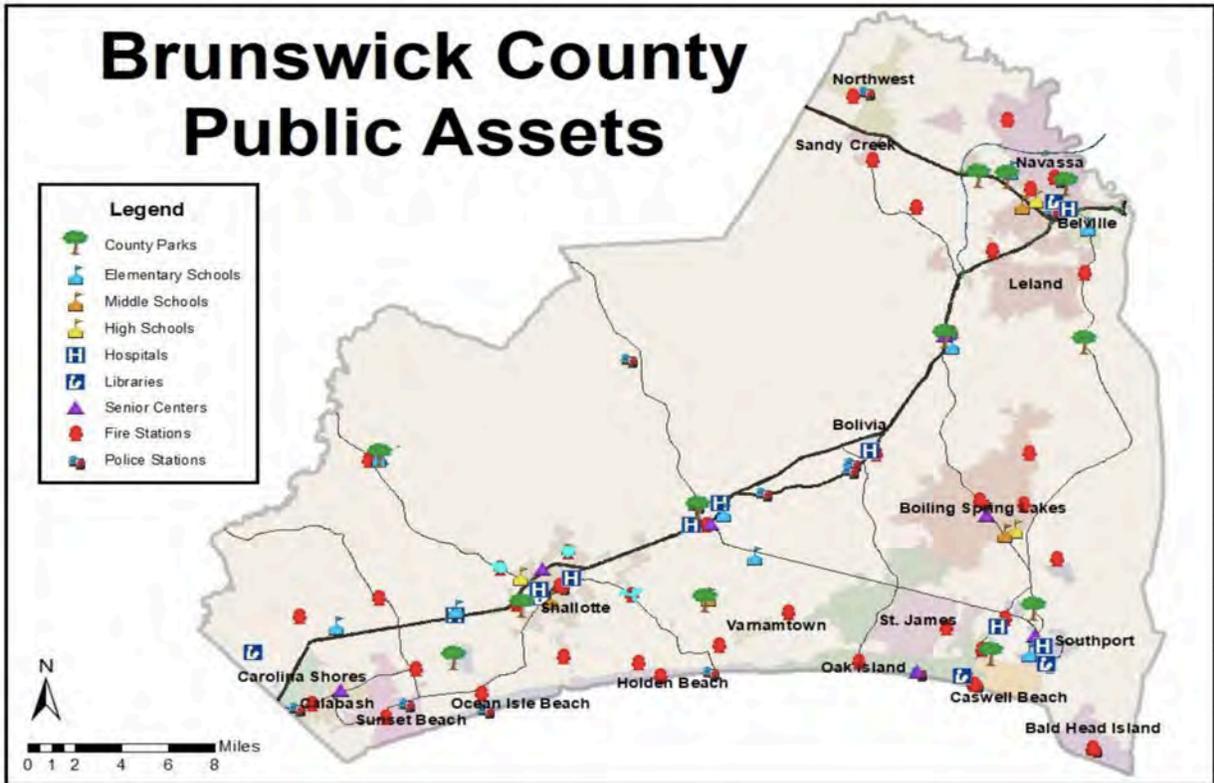
<b>AGRICULTURAL FACTS</b>	<b>2007</b>	<b>2012</b>
Number of Farms	264	254
Total Acreage of Land in Farming	44,084 acres	45,442 acres
Average Farm Size	167 acres	179 acres
Market Value of Products Sold	\$45,133,000	\$58,216,000
Average Age of Farmers	55	58.9
Average Value of Farm & Buildings	\$714,480	\$769,642
Average Market Value of Machinery & Equipment	\$95,917	\$92,492
Average Farm Production Expenses	\$143,171	\$181,893

Sources: NC Department of Agricultural Statistics  
 2007 Census of Agriculture  
 2012 Census of Agriculture

## State Rankings

<b>INDUSTRY</b>	<b>STATE RANK (2012)</b>
Vegetables & Fruit	9
Hogs & Pigs	19
Aquaculture	25
Corn	31
Grains	45
Cotton	46
Value of Livestock, Poultry, and Products	47
Nursey, Greenhouse, Floriculture and Sod	48
Soybean	49
Value of Crops Including Nursery and Greenhouse	50
Tobacco	50
Sheep, Goats, Wool, Mohair, and Milk	60
Cattle	69

Source: 2012 Census of Agriculture





## Tax Rates in Brunswick County

	Code	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019
Brunswick County		0.54	0.305	0.305	0.305	0.305	0.4425	0.4425	0.4425	0.4425	0.485	0.485	0.485	0.485	0.485
Smithville Township		0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04	0.04
Bald Head Island	17	0.465	0.24	0.26	0.27	0.3275	0.591	0.591	0.59	0.59	0.6663	0.6663	0.6663	0.6663	0.6663
Belville	25	0.15	0.0911	0.0911	0.0911	0.0683	0.0683	0.0683	0.0683	0.0683	0.0683	0.09	0.09	0.09	0.09
Boiling Springs Lakes	20	0.25	0.12	0.12	0.12	0.12	0.17	0.17	0.14	0.17	0.21	0.21	0.21	0.21	0.21
Bolivia	23	0.06	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Calabash	19	0.1	0.07	0.07	0.07	0.07	0.0875	0.0875	0.0875	0.0875	0.0875	0.0875	0.0875	0.0875	0.0875
Carolina Shores	18	0.08	0.08	0.08	0.08	0.08	0.1016	0.1016	0.1016	0.1016	0.1016	0.1016	0.1016	0.1016	0.1016
Caswell Beach	16	0.22	0.11	0.15	0.13	0.13	0.17	0.17	0.17	0.17	0.22	0.22	0.24	0.24	0.24
Holden Beach	13	0.18	0.069	0.069	0.069	0.069	0.127	0.127	0.127	0.127	0.15	0.22	0.22	0.22	0.22
Leland	31	0.18	0.1166	0.1166	0.1166	0.1166	0.1515	0.1515	0.1515	0.1515	0.1515	0.1833	0.21	0.21	0.21
Navassa	24	0.27	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Northwest	28	0.2	0.15	0.17	0.17	0.19	0.21	0.21	0.22	0.22	0.24	0.24	0.24	0.24	0.24
Oak Island	14	0.33	0.1245	0.14	0.14	0.155	0.275	0.275	0.275	0.275	0.275	0.29	0.31	0.31	0.28
Ocean Isle Beach	12	0.14	0.08	0.09	0.09	0.09	0.13	0.13	0.155	0.155	0.1875	0.1875	0.1875	0.1875	0.1639
Sandy Creek	26	0.35	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.3	0.25	0.25	0.25	0.25
Shallotte	22	0.32	0.27	0.27	0.27	0.27	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.35	0.3525
Southport	21	0.27	0.15	0.18	0.18	0.18	0.2456	0.2456	0.2456	0.2456	0.2456	0.2456	0.2956	0.2956	0.2956
St. James	29	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
Sunset Beach	11	0.145	0.115	0.09	0.09	0.09	0.105	0.105	0.105	0.105	0.16	0.16	0.16	0.16	0.16
Varnantown	27	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05
BHI MSD ZONE A	33	-0-	-0-	-0-	0.31	0.3825	0.6718	0.6718	0.6708	0.6708	0.7471	0.7471	0.7471	0.7771	0.7771
BHI MSD ZONE B	34	-0-	-0-	-0-	0.29	0.3625	0.6416	0.6416	0.6406	0.6406	0.7169	0.7169	0.7169	0.7469	0.7469

