



# Hugh Chatham Memorial Hospital



## Hugh Chatham Memorial Hospital 2022 Community Health Needs Assessment & Report

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*"Imagine a place where Communication is clear, everyone Cares, and patients are always Safe.  
We are Hugh Chatham, and this is our journey!"*

## **Community Health Needs Assessment**

Hugh Chatham Memorial Hospital (HCMH), a private, not-for-profit hospital, has been providing medical care for the residents of Surry, Wilkes, and Yadkin Counties for over 92 years. As one of the largest employers in the area, HCMH employs over 800 and is served by more than 70 physicians representing 28 specialties or subspecialties, including Behavioral Health, Cardiology, Dermatology, Emergency Medicine, Endocrinology, Family Medicine, Gastroenterology, General Surgery, Geriatrics, Hematology/Oncology, Internal Medicine, Neurology, OB/GYN, Ophthalmology, Orthopedic and Sports Medicine, Palliative Care, Plastic Surgery, Podiatry, Pulmonology, Radiation Oncology, Radiology, Sleep Medicine, Urology, and Wound Care.

In the 1920s, the Western NC Methodist Conference began looking for a site for a hospital that would serve ministers and their families in the area. As the search began, Mr. Hugh Chatham of Chatham Manufacturing Company promised to provide the land and money. Mr. Chatham passed away before the hospital was completed; however, with the help of his family and the Duke Endowment, Mr. Chatham's vision of high quality local healthcare became a reality in Elkin when the hospital officially opened in April of 1930. In 1967, ownership of the hospital passed from the Methodist Conference to a not-for-profit corporation, under the direction of a local board of community leaders.

Due to advances in healthcare and an increased demand from the local community, a new hospital building was constructed in 1973 on Parkwood Drive. In 2010, the organization completed construction on a new ED, patient bed tower, and heart and lung center. Today, HCMH encompasses not only the hospital, but also multiple physician offices, a retirement community; wellness and education programs; cancer services; home health and hospice care; a Wound Care Center as well as Urgent Care centers that are conveniently located throughout our service area.

### **Vision Statement**

To be the best community healthcare system in the nation, with service as our guiding principle

### **Mission Statement**

To consistently deliver exceptional healthcare by demonstrating the values of service, teamwork, accountability, respect, and safe care

### **Awards and Honors**

1. In 2022, Hugh Chatham received Women's Choice Awards for Patient Safety and Stroke Care. The Patient Safety award is based on eleven Centers for Medicare and Medicaid Services' (CMS) measures related to infections and complications, as well as Hospital Consumer Assessment of Healthcare Providers and Systems (HCAHPS) survey results, in conjunction with primary research about women's healthcare preferences. The Stroke Award is the only award recognizing excellence in stroke care based on robust criteria that considers both the patient experience and clinical excellence with Hugh Chatham placing in the top 10% nationally.

- 2) In 2022, Hugh Chatham attained elite national recognition by achieving the American Heart Association/American Stroke Association's Get With The Guidelines®-Gold Plus Quality Achievement Award with Honor Roll Elite and Target: Type 2 Diabetes.
- 3) In 2021, received Joint Commission's Gold Seal of Approval for Advanced Certification for Total Hip and Knee Replacement-.
- 4) Nationally recognized as an "A" Grade for Patient Safety by the Leapfrog Group-Spring 2021
- 5) Hugh Chatham Memorial Hospital ranked in the top 10% among North Carolina Hospitals for patient satisfaction in 2022, and in the top 15% nationally for the same period.
- 6) Yadkin Valley Home Health ranks in the Top 20% in patient satisfaction among the 4,000+ agencies nationwide in 2020.

## **Executive Summary**

### **Introduction**

The IRS requires each non-profit (Section 501(c)(3)) hospital to conduct a community health needs assessment (CHNA) every three years as part of the federal Patient Protection and Affordable Care Act. A Community Health Needs Assessment (CHNA) was conducted by Hugh Chatham Memorial Hospital (HCMH) in the spring of 2022 to explore the health status of people living within the communities we serve. The objective of the assessment was to pinpoint the most pressing health issues in our communities and determine three things: 1) who is affected by them; 2) who is already working on these issues and what progress is being made, and 3) what more can be done to improve the health of the people we serve?

The 2022 CHNA primarily focused on Surry, Wilkes, Yadkin, and Alleghany counties. These counties are considered our “community” as greater than eighty-eight (88) percent of the HCMH inpatient population resides within these four counties. Primary data for the assessment was gathered through a survey tool with more than two hundred and eighty-five (285) submissions. Participants represented multiple organizations and included individuals who have a broad knowledge of the community and/or had specific expertise or knowledge. Secondary data was obtained from local and national data published in government and private sources. A comprehensive list of identified health issues was compiled and recommendations were made to HCMH’s executive leadership for further review and prioritization. Priorities were assessed and ranked based on issue prevalence, issue severity, and ability to impact. Final prioritization as determined by the executive leadership was approved by the HCMH Board of Trustees.

The unprecedented pandemic of COVID-19, shocked our nation and had an unfathomable impact on healthcare systems. HCMH utilized their strengths as a community healthcare system to quickly pivot to prioritize care that embraced new strategies to diagnose and treat this emerging infectious disease. While many elective services were limited in order to provide adequate resources of supplies and personnel where they were most needed, HCMH was considered a leader in their response to patient and community needs.

### **Key Findings: Where we will focus our efforts**

Based on CHNA findings, HCMH has developed and will implement a community-wide health improvement plan to address the following health issues listed in alphabetical order:

- Access to care for medical and behavioral health needs
- Prescription drug abuse: HCMH has supported and will continue to support a regional response to the prescription drug/opioid crisis in our community.
- Reduction of overall healthcare costs through care innovation and community partnerships.

## **Community Service Programs Sponsored by Hugh Chatham Memorial Hospital**

### ***Patient Education Programs***

- \* Stroke Education
- \* Diabetic and Nutrition counseling
- \* Newborn Care
- \* Breastfeeding
- \* Cardiac Rehabilitation
- \* Pulmonary Rehabilitation
- \* Medication Management

### ***Community Health Screenings and Immunizations***

- \* Cancer Screenings (Prostate, Breast, Skin, Colon)
- \* Cholesterol/Glucose
- \* Blood Pressure/Heart Rate/Oxygen Saturation
- \* Weight/Body Mass Index
- \* Concussion Screening
- \* Falls Assessment
- \* Bone Density
- \* Musculoskeletal Fitness screening
- \* Vascular Disease Screening
- \* Hearing/Speech
- \* Stroke Screenings
- \* Tetanus/Flu
- \* Covid Screenings and Vaccinations

### ***Health Promotion, Outreach, and Support Groups***

- \* Leadership Hugh Chatham
- \* Cancer Support Group
- \* Shawl Ministry / Books for Babies / Bears for Pediatric Patients
- \* Bereavement and the Grief Process

- \* Stroke Support
- \* Alzheimer's Support
- \* Cardiopulmonary Rehabilitation and Education
- \* Basic Cardiac Life Support
- \* Advanced Stroke Life Support for EMS
- \* Safe Kids Program
- \* Senior Fitness Classes
- \* Heart Health Seminars
- \* Wellness Center

## 2022 Community Health Needs Assessment

### Introduction

The Foothills, specifically, Surry, Yadkin, and Wilkes County, are known for the rolling hills displaying their natural beauty and other amenities that make this a great place to visit, live, and retire. Those of us fortunate enough to call this beautiful area “home” also know that one of its strongest assets is the high quality healthcare available throughout our region.

Healthcare in the United States is currently undergoing an enormous transformation, especially after COVID-19. As a nation, we have discovered the impact on our health and prevention of widespread infection. We are, therefore, shifting away from a system that pays for services to treat illness to one that focuses on optimizing health and wellness for individuals and communities. Soon our success will be measured by the overall health of the people living in our communities. This requires a strong partnership between all healthcare providers and the people they serve. HCMH is responding to this fundamental shift by redesigning care to be as efficient, effective, and convenient as possible.

Our 2022 CHNA represents a collaborative, community-based approach to identify, assess, and prioritize the most important health issues affecting our community. The process is also the foundation that HCMH as a healthcare system and the community as a whole can utilize to collaboratively plan, develop, and foster programs to effectively address those needs in our community.

The CHNA looked at health status, barriers to care, and other demographic and social issues affecting people and organizations in the community. The completion of the CHNA enabled HCMH to take an in-depth look at its greater community. The findings from the assessment were utilized to prioritize population health issues and develop a community health implementation plan focused on meeting community needs. HCMH is committed to the people it serves and the communities they live in. Healthy communities lead to lower healthcare costs, robust community partnerships, and an overall enhanced quality of life. The CHNA process consists of five steps as pictured below:





## **Process and Methodology**

### **Data Collection Methods**

HCMH identified community health needs by undergoing an assessment process. This process incorporated a comprehensive review of both primary and secondary source data by the hospital's Community Needs Assessment Team. Primary data was collected through the surveying of community members living in Yadkin, Wilkes, Surry, and Alleghany counties. The team also conducted a series of key stakeholder interviews with healthcare, education, and social services leaders in the community. Secondary source data included a wide range of measures related to health and health related factors including morbidity and mortality, health behaviors, clinical care, social and economic factors, and environmental factors. The team used several sources of qualitative and quantitative health, social, and demographic data specific to Yadkin, Surry, Wilkes, and Alleghany Counties provided by local public health agencies, healthcare associations and other verified data sources.

### **Data Collected**

Input from the community, which is inclusive of providers, patients, and community members, was gathered in a number of ways to use in the analysis process. Surveys were designed to elicit information related to community member's perception of their own health, the health of the community, and factors related to both. Surveys were conducted in both paper and online format. Surveys were provided to several key community groups: Yadkin Valley Rotary, the Hugh Chatham Memorial Hospital, Elkin Public School staff, and Wilkes County School System. Surveys were placed in each of the Hugh Chatham Primary Care offices and in public libraries within each county to capture the broad interests of the communities we serve. Additionally, team members distributed fliers at Dirty Joe's Coffee Shop, La Tiene De Attendes, Hugh Chatham Foundation Thrift Store, Belvia's On Main Salon and Day Spa, and The Reeves Theatre. The survey was also shared on the Hugh Chatham Memorial Hospital Facebook page. Fliers and surveys were available in English and Spanish.

### **Data Collection Limitations**

The demographics of those who returned the surveys were noted to be closely aligned with the 10 primary geographic locations of the patients served by the hospital as determined through market share data. However, there were several key deviations from the three counties' demographics that may have an impact on the subsequent analyses. Specifically, the respondents were more likely to be insured, to have a college education, to be Caucasian, and to be female than the general demographics of the counties served. These important demographic differences may have had a secondary effect of skewing other data such as access to care. Additionally, the surveys are based on self-reported data. It is generally expected that respondents tend to under-report health risk behaviors and to have a sense that their own health is better than that of the general population.

### **Secondary Data**

One of the primary sources of secondary data utilized in this assessment is based on a model of health that represents health outcomes, morbidity, and mortality, as functions of a set of health factors. The County Health Rankings & Roadmaps (CHR&R) is a program of the University of Wisconsin Population Health Institute.

The CHR&R program provides data, evidence, guidance, and examples to build awareness of the multiple factors that influence health and support leaders in growing community power to improve health equity.

The Rankings are unique in their ability to measure the health of nearly every county in all 50 states, and are complemented by guidance, tools, and resources designed to accelerate community learning and action. CHR&R is known for effectively translating and communicating complex data and evidence-informed policy into accessible models, reports, and products that deepen the understanding of what makes communities healthy and inspires and supports improvement efforts. County Health Rankings & Roadmaps' work is rooted in a sincere belief in health equity, the idea that everyone deserves a fair and just opportunity to be as healthy as possible.

The first health factor utilized in the County Health Rankings model: health behaviors, consists of indicators of tobacco use, diet and exercise, alcohol use, and sexual activity. Health behaviors comprise 30% of variation in health outcomes.

The second health factor: clinical care, includes indicators for access to care and quality of care. Clinical care makes up 20% of variation in health outcomes.

The third health factor: social and economic factors, includes measures of education, employment, income, family and social support, and community safety. Social and economic factors make up 40% of variation in health outcomes.

The last factor: physical environment, includes measures of environmental quality and the built environment. This factor, therefore, includes items such as air quality, access to exercise facilities, and access to healthy food. Physical environment makes up 10% of variability in health outcomes.

## DATA

### Community Demographic Profile and Socioeconomic Factors Affecting Health

	Surry	Wilkes	Yadkin	Alleghany	NC
<b>Population (2020)</b>	71,359	65,969	37,214	10,888	10,439,388
<ul style="list-style-type: none"> <li><b>Under 18</b></li> <li><b>Over 65</b></li> <li><b>Female</b></li> </ul>	14,914 14,842.7 36,607.167	13,259.8 14,642.9 32,984.5	7,740.5 10,419.9 18,793.07	1,850.96 3,048.6 5487.55	2,286,225.97 1,743,377.8 5,365,845.43
<b>Race</b>					
<ul style="list-style-type: none"> <li><b>White</b></li> <li><b>Hispanic</b></li> <li><b>African American</b></li> </ul>	66,292.5 7,920.8 2,997.1	61,153.3 4,551.9 3,100.5	34,943.9 4,279.6 1,265.3	10,387.2 1,077.9 195.98	7,370,207.9 1,023,060 2,317,544
<b>Education</b>					
<ul style="list-style-type: none"> <li><b>25+ Years with HS Diploma</b></li> <li><b>25+ Years with Bachelors</b></li> <li><b>25+ Years with Advanced Degree</b></li> </ul>	57,015.8 12,773.3 Data not available	53,764.7 10,555 Data not available	31,520.3 4,800.6 Data not available	8,568.9 2,264.7 Data not available	9,238,858.4 3,340,604 Data not available
<b>Income (Median Household)</b>	\$44,979	\$44,980	\$46,954	\$37,158	\$56,642
<b>Unemployment</b>	16%	15.2%	13.9%	16.9%	16.1%

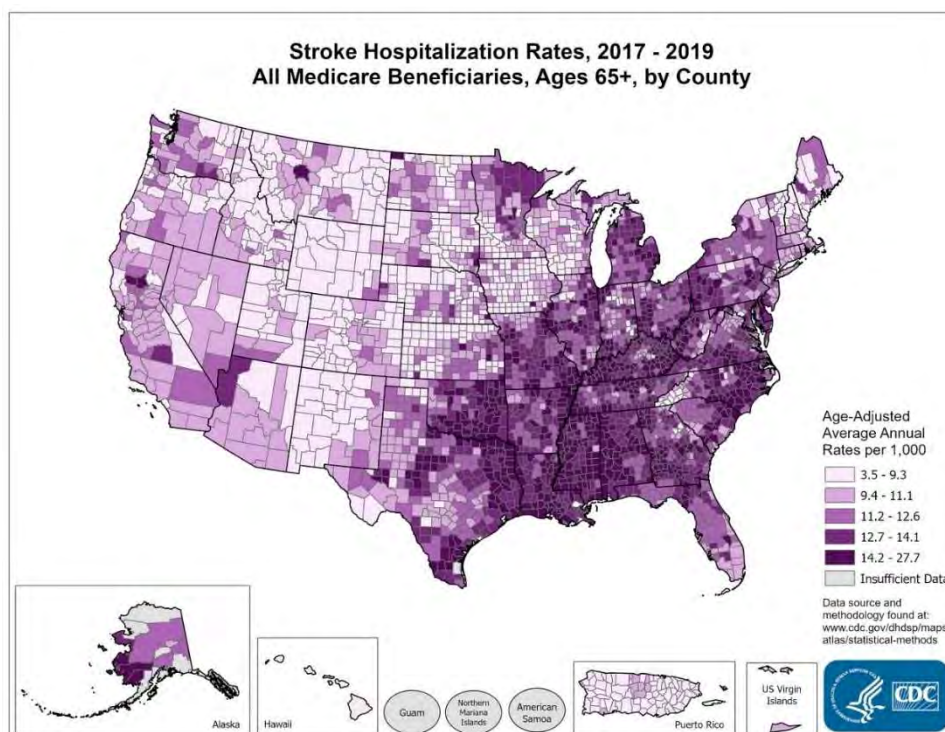
### County Health DATA

	Surry	Wilkes	Yadkin	Alleghany	NC
<b>Newborn Rates</b>					
Infant Deaths	6	7	8		7
Low birthweight	9%*	10%*	9%*	8%*	9%*
Teen Births	27	37	27	40	21
<b>Premature Death</b>					
Years of potential life lost before age 75	9,200	10,000	10,100	9,600	8,000
COVID-19 Age Adjusted Mortality	77	69	69		60
<b>Unintentional DEATH RATES</b>					
Motor Vehicle	15	19	20	19	25
HOMICIDE RATES	5	6			7
SUICIDE RATES	22	19	18	26	13

Drug Overdose Deaths	30	28	31		24
	Surry	Wilkes	Yadkin	Alleghany	NC
Quality of Life					
Poor or Fair Health	22%	22%	22%	25%	18%
Adult Smoking	23%	23%	22%	24%	19%
Adult Obesity	36%	33%	35%	35%	34%
Access to Exercise Opportunities	41%	65%	27%	17%	68%
Diabetic Prevalence	11%	11%	11%	12%	11%
Mammography Screening	46%	48%	49%	41%	48%
Preventable Hospital Stay	4,924	3,656	5,147	4,395	4,096
% Rural	68.8%	72.8%	84.7%	100.0%	33.9%
Resources to Community					
PRIMARY CARE PHYSICIANS	1,940:1	2,440:1	3,420:1	930:1	1,400:1
DENTISTS	2,470:1	2,720:1	4,700:1	5,600:1	1,710:1
Mental Health Providers	790:1	480:1	1,110:1	410:1	360:1

Data marked by an \* indicate past data was used from 2018-2019.

Data points marked with an asterisk (\*) denote where only multi-county data was available. Data points marked with a (^) are not statistically reliable. The data points highlighted in red indicate a negative variance from the North Carolina overall rate for that particular measure. Of particular concern is the increased rate of drug overdoses, suicide, and years lost to premature death compared to the state averages. Additionally, the dearth of primary care physicians, dentists, psychiatrists and psychologists would seem to indicate that residents of these counties may have difficulty obtaining initial entry into the healthcare system. Data was extracted from NCIOM North Carolina Health Profile and NCDHHS Databook



As the data from the county health rankings indicates, the vast majority of measures for Surry, Wilkes, Yadkin, and Alleghany County have a negative variance from the North Carolina state wide scores. Compounding the impact of those statistics is the fact that North Carolina itself has lower scores in many areas than the United States average.

One example is that NC is considered to be the buckle in the “stroke belt” of the United States. 57.4 per 100,000 North Carolinians will have a stroke each year, a while the United States average is far less.

The end result is predominantly rural population that has unhealthy behaviors that lead to inordinate healthcare costs and poor outcomes. All four counties overall health outcome scores places them in the lower half of the state. The data is clear that the current model of individuals accessing care for primary treatment of acute medical problems is not adequately addressing the need for preventive healthcare such as screenings and development of healthy living behaviors nor is it managing chronic illnesses well enough to prevent unnecessary hospital stays or premature loss of life. This is consistent with the picture of the state of rural health and healthcare nationally.

Additionally, the suicide and drug overdose rate is well above the state average, and access to psychiatric care is limited (as evidenced by the ratio of mental health professionals available). These statistics present an increasingly clear picture of a ballooning mental health crisis in these rural communities. The unique challenges faced by healthcare providers and patients create difficult to address disparities in healthcare access and outcomes.



## ***Framework for Community Health Status***

In order to present the data in a way that would tell a story of the community and also identify needs, the framework of Healthy People 2030 was selected to guide the assessment and evaluation of the secondary data and community input. This framework was selected based on its national recognition and its mission to:

- Identify nationwide health improvement priorities.
- Increase public awareness and understanding of the determinants of health, disease, and disability and the opportunities for progress.
- Provide measurable objectives and goals that are applicable at the national, state, and local levels.
- Engage multiple sectors to take actions to strengthen policies and improve practices that are driven by the best available evidence and knowledge.
- Identify critical research, evaluation, and data collection needs.

Healthy People 2030 provides a comprehensive set of 10-year, national goals and objectives for improving the health of all Americans. Great strides have been made nationally during the past decade: life expectancy at birth increased; rates of death from coronary heart disease and stroke decreased. Nonetheless, public health challenges remain, and significant health disparities persist. Healthy People 2030 places renewed emphasis on overcoming these challenges as we track progress over the course of the decade. The indicators will be used to assess and compare the health of the communities we serve and to motivate action at the community level to improve the health of those communities.

Healthy People 2030 utilizes the concept of Determinants of Health, the range of personal, social, economic, and environmental factors that influence health status, to examine:

- What makes some people healthy and others unhealthy?
- How can we create a society in which everyone has a chance to live a long, healthy life?

Healthy People 2030 then provides a guideline for developing objectives that address the relationship between health status and biology, individual behavior, health services, social factors, and policies. Emphasizing an ecological approach to disease prevention and health promotion focuses on both individual-level and population-level determinants of health and interventions. The recognition that determinants of health reach beyond the boundaries of traditional healthcare and public health sectors; sectors such as education, housing, transportation, agriculture, and the environment can be important allies in improving population health



## Factors Affecting Health

### Economic Factors Affecting Health

Surry, Yadkin, and Alleghany County are each designated as a Tier 2 county while Wilkes County was classified as a Tier 1 by the 2021 statistics by the North Carolina Department of Commerce. Tier calculations are based on average unemployment rate, median household income, growth percentage in population, and adjusted property tax base per capita. Additional 'adjustment factors' were used in previous years to determine the final calculations. The median household income in these counties is at least \$17,000 less than the North Carolina median, and has continued on a downward trend since the 2022 US Census. Surry County transitioned down from Tier 2 in 2018, with its Economic Distress Rank remaining at 34 but recently has moved down to 45. This change in status is primarily caused by changes in the methodology used by NC General Assembly.

In review of Surry County's demographics, the unemployment rate of May 2022 is 3.4%. The average income of 2020 was \$26,074 and the median household income was \$44,979 in 2020. Tourism has become a large aspect of Surry County and tourism expenditures in 2020 was \$130.9 million. It is estimated that in May 2022 that there were 32,720 in the active work force. The population who was the most impoverished are 45-54 year old females.

Yadkin County's economic demographic are slightly different. The 2019 median household income is \$44,682 and 2019's employed population is 16,233. Unfortunately data was not available for years after 2019 but the 2019 poverty rate was 15.4% with a .82% year increase. The most impoverished population are 6-11 year old girls.

Wilkes County has a poverty rate in 14.4%. The median income is very similar to Yadkin and Surry in being \$44,980 in 2019. Yadkin County and Wilkes County have the same most impoverished population being 6-11 year old girls. Wilkes has a higher rate of employment at 29,500.

Alleghany County has the lowest median income in 2020 with \$37,158. They are the highest level of people in poverty with a staggering 18.1%. The median household income for Alleghany County is \$37,830. The most impoverished population in 2019 were women who were between the ages of 25 and 34.

### Community Resources

Surry County is fortunate to have three school systems within its borders; Elkin City Schools, Mt. Airy City Schools, and Surry County Schools. Not only do the school systems provide employment for residents, but each of the school systems boasts about the quality of education it can provide. While the percentage of students in the two city school systems who are eligible for free and reduced-cost lunch is below the state average, the percentage eligible in Surry, Wilkes, Yadkin, and Alleghany counties is either equivalent to or above the state average. Even with this potential barrier to success, each school system boasts graduation rates that exceed the state average.

	Surry	Wilkes	Yadkin	Alleghany	NC
High School Graduation	89%	88%	88%	88%	87%
Reading Scores	3.2	3.1	3.1	3.0	3.1
Math Scores	3.1	3.1	3.1	3.1	3.3

<b>Child Care Cost Burden</b>	31%	36%	19%	22%	29%
<b>Food Insecurity</b>	14%	16%	16%	15%	19%
<b>Children in Poverty</b>	20%	20%	17%	31%	18%

<b>School System</b>	<b>Percentage of Students Receiving Free or Reduced-Cost Lunch for X School Year</b>	<b>Graduation Rates for X School Year</b>
<b>State Average</b>	57.7%	87%
<b>Elkin City Schools</b>	43.1%	>95
<b>Mount Airy City Schools</b>	53.8%	88.6%
<b>Surry County Schools</b>	60.2%	89.9%
<b>Wilkes County Schools</b>	61.4%	88.7%
<b>Yadkin County Schools</b>	57.2%	89.2%
<b>Alleghany County Schools</b>	63.3%	87.6%

### **Environmental Factors Affecting Health**

Environmental Health is governed by the North Carolina Department of Environment and Natural Resources (DENR). DENR sets laws and rules concerning protection of the environment and the environment's impact on the public's health. Locally, Environmental Health enforces DENR's regulations by keeping the environment free from disease-causing germs. Each County has an Environmental Health Division of the Health Department, and their primary function is to safeguard lives by promoting health and protecting the environment with the use of rules, technology, public education, and dedication. Perhaps the most well-known of these responsibilities is the restaurant inspections; but Environmental Health also regularly inspects food stands, meat/ seafood markets, school / hospital and nursing home lunchrooms, residential care facilities, rest homes, nursing homes, hospitals, child care centers, hotels/ lodging facilities, summer camps, and public swimming pools. Water testing, lead poisoning, outbreak investigations and other complaint investigations are performed on an as-needed basis.

The overall water and air quality measurements are acquired through the North Carolina Department of Environment and Natural Resources and are monitored at the local division offices throughout the state. Water testing occurs on both public, municipal systems as well as testing of private wells.

### **Air Quality**

<b>Air Quality Index Range</b>	<b>Classification</b>	<b>Surry County</b>	<b>Wilkes County</b>	<b>Yadkin County</b>	<b>Alleghany County</b>
<b>0-50</b>	Good	Good		Good	Good
<b>51-100</b>	Moderate		Moderate		
<b>101-150</b>	Unhealthy for Sensitive				
<b>151-200</b>	Unhealthy				
<b>201-300</b>	Very Unhealthy				
<b>&gt;301</b>	Hazardous				



## **Lead Poisoning**

Investigation Environmental Health Specialists perform lead poisoning investigations when a child under six years of age has an elevated blood lead level. Healthcare providers are asked to test all children under six years of age for high blood lead levels for early detection. When a source of lead is found, Environmental Health Specialists work with the parents or guardians to remove the source of the lead poisoning

## **Social and Physical Factors**

Social determinants of health reflect the social factors and physical conditions of the environment in which people are born, live, learn, play, work, and age. Also known as social and physical determinants of health, they impact a wide range of health, functioning, and quality-of-life outcomes.

### **Examples of social determinants include:**

- Availability of resources to meet daily needs, such as educational and job opportunities, living wages, or healthful foods
- Social norms and attitudes, such as discrimination
- Exposure to crime, violence, and social disorder, such as the presence of trash
- Social support and social interactions
- Exposure to mass media and emerging technologies, such as the Internet or cell phones
- Socioeconomic conditions, such as concentrated poverty
- Quality schools
- Transportation options
- Public safety
- Residential segregation

### **Examples of physical determinants include:**

- Natural environment, such as plants, weather, or climate change
- Built environment, such as buildings or transportation
- Worksites, schools, and recreational settings
- Housing, homes, and neighborhoods
- Exposure to toxic substances and other physical hazards
- Physical barriers, especially for people with disabilities
- Aesthetic elements, such as good lighting, trees, or benches

Poor health outcomes are often made worse by the interaction between individuals and their social and physical environment. For example, millions of people in the United States live in places that have unhealthy levels of ozone or other air pollutants. In counties where ozone pollution is high, there is often a higher prevalence of asthma in both adults and children 27 compared with state and national averages. A strategic focus on the environment is vital.

# Community Health Survey

(Below is a copy of the survey administered in 2022)

\*\*\* A Spanish Language version was also available



## Community Health Assessment

*Hugh Chatham Memorial Hospital's mission is to consistently deliver exceptional health care by demonstrating the values of service, teamwork, accountability, respect and safe care.*

### Goal:

To ensure that we continue to meet and exceed the needs of our community, Hugh Chatham Memorial Hospital (HCMH) has launched a comprehensive community health needs assessment initiative to assess the healthcare needs of our service area and to determine how well those needs are currently being met by HCMH providers and by the other community resources.

*This survey is anonymous and voluntary. The information gained will be used to direct future healthcare services needed in the area. We expect the survey will take about 10-15 minutes to complete. Thank you in advance for your participation.*

1. What is your gender?
  - a. Female
  - b. Male
  - c. Non-Binary
  - d. Other (Please List) \_\_\_\_\_
2. What is your sexual orientation?
  - a. Straight
  - b. Gay/Lesbian
  - c. Bisexual
  - d. Other
  - e. Prefer not to answer
3. What is your race?
  - a. African American/Black
  - b. American Indian/Alaska Native
  - c. Asian
  - d. Native Hawaiian/Pacific Islander
  - e. White
  - f. Two or more races
  - g. Other
4. Do you identify as Hispanic or Latino?
  - a. Yes
  - b. No

5. What is your county of residence?
- Yadkin
  - Surry
  - Wilkes
  - Other (Please List): \_\_\_\_\_
6. What is your five digit zip code? \_\_\_\_\_
7. What is your age range?
- >18
  - 18-24
  - 24-34
  - 35-44
  - 45-54
  - 55-64
  - 65-74
  - 75<
8. What is your current employment status?
- Employed Full-Time
  - Employed Part-Time
  - Student
  - Homemaker
  - Unemployed
  - Disabled
  - Retired
9. What is your household income range?
- \$0-\$24,999
  - \$25,000 - \$49,999
  - \$50,000 - \$74,999
  - \$75,000 - \$99,999
  - \$100,000 or more
  - Prefer not to answer
10. What is the highest level of education you have completed?
- Primary School (K-8<sup>th</sup>)
  - Some High School
  - High School Graduate
  - Some College
  - College Graduate
  - Formal Certification
  - Advanced Degrees (Masters level and above)
11. How would you describe your overall health?
- Excellent
  - Very Good
  - So-So
  - Poor

12. Where do you go for your routine healthcare?
- Physician's Office
  - Health Department
  - Emergency Room
  - Urgent Care Clinic
  - I do not receive routine healthcare
  - Other (Please List): \_\_\_\_\_
13. What type of healthcare coverage do you have?
- Medicare
  - Medicaid/Passport
  - Commercial Health Insurance (Examples: Humana, Anthem Blue Cross)
  - No Healthcare Coverage
  - Other (Please List): \_\_\_\_\_
14. Are you able to visit a doctor when needed?
- Yes (go to question 6 next)
  - No
15. If you answered "no" on question 4, why? Please choose all that apply?
- No Appointments Available
  - Cannot Afford Appointment
  - Cannot Take Time Off of Work
  - No Transportation
  - No Specialist In My Community For My Condition
  - Other (Please List): \_\_\_\_\_
16. When you need to go to the doctor's office/pharmacy/grocery store, please check the method of transportation.
- ☐ I call a cab.
- ☐ I have a family member drive me.
- ☐ I have a friend that drives me.
- ☐ I use YVEDDI or other mode of public transportation.
- ☐ I drive myself in my own car.
- ☐ I drive myself in a friend/family member's car.
- ☐ Other: \_\_\_\_\_
17. What has affected the quality of the health care you receive?
- Cost of care or no insurance
  - Race
  - Ability to read and write/education
  - Language barriers/lack of translators
  - Sex/Gender

18. How do you receive your medications?

- a. Local Pharmacy
- b. Mail Order Pharmacy
- c. Pill Packs
- d. Delivered via mail
- e. Pick up medications once they need to be filled.
- f. Other: \_\_\_\_\_

19. Please check all statements below that apply to you.

- ☐ I exercise at least 3 times per week.
- ☐ I eat at least 5 servings of fruits and vegetables each day.
- ☐ I smoke cigarettes.
- ☐ I smoke e-cigarettes (Jewels) or vape.
- ☐ I chew tobacco.
- ☐ I use illegal drugs.
- ☐ I use prescription medication for non-prescribed reasons.
- ☐ I use prescription medication above the prescribed dosage.
- ☐ I consume more than 4 alcoholic drinks (if female) or 5 (if male) per day.
- ☐ I use sunscreen or protective clothing for planned time in the sun.
- ☐ I am vaccinated against COVID-19.
- ☐ I receive a flu shot each year.
- ☐ I have access to a wellness program through my employer.
- ☐ None of the above apply to me.

20. Please select the top 3 health challenges you face. Rank them 1 to 3 with 1 being your greatest health challenge and 3 being your third greatest health challenge.

\_\_\_\_ Cancer  
\_\_\_\_ Diabetes  
\_\_\_\_ Overweight/Obesity  
\_\_\_\_ Lung Disease  
\_\_\_\_ High Blood Pressure

\_\_\_\_ Drug Addiction  
\_\_\_\_ Heart Disease  
\_\_\_\_ Joint Pain/ Back Pain  
\_\_\_\_ Mental Health Problems  
\_\_\_\_ Alcohol Dependency

\_\_\_\_ Stroke  
\_\_\_\_ I do not have any health challenges.  
\_\_\_\_ Other (Please List):  
\_\_\_\_\_

21. Which of the following preventative procedures have you had in the last 12 months?

- ☐ Mammogram (If Female)
- ☐ Pap Smear (If Female)
- ☐ Prostate Cancer Screening (If Male)
- ☐ Flu Shot.
- ☐ COVID-19 Vaccine
- ☐ Colon/Rectal Exam
- ☐ Blood Pressure Check
- ☐ Blood Sugar Check
- ☐ Skin Cancer Screening
- ☐ Cholesterol Screening
- ☐ Vision Screening
- ☐ Hearing Screening
- ☐ Cardiovascular Screening
- ☐ Bone Density Test
- ☐ Dental Cleaning/X-Rays
- ☐ Physical Exam
- ☐ None of the above

22. Have you or someone in your direct family been diagnosed with COVID-19?

- a. Yes
- b. No

23. Do you or a loved one have permanent side effects due to COVID-19?

- a. Yes
  - i. If YES, please circle which side effect(s) you are experiencing.
    - 1. Fatigue
    - 2. Shortness of Breath or Difficulty Breathing
    - 3. Consistent Cough
    - 4. Joint Pain
    - 5. Chest Pain
    - 6. Memory, Concentration, or Sleep Problems
    - 7. Muscle Pain or Headache
    - 8. Fast or Pounding Heartbeat
    - 9. Loss of Smell or Taste
    - 10. Depression or Anxiety

- 11. Fever
- 12. Dizziness when you stand
- 13. Worsened symptoms after physical or mental activities
- 14. Other: \_\_\_\_\_

b. No

24. Has a loved one passed away due to COVID-19?

- a. Yes
- b. No

25. Do you feel physically and/or emotionally unsafe in your home?

- a. Yes
- b. No

26. Within the past 12 months, have you been hit, slapped, kicked, or otherwise physically hurt by anyone?

- a. Yes
- b. No

27. Within the past 12 months, have you been humiliated or emotionally abused by anyone (i.e name calling, neglect, shaming and/or blaming, manipulation, controlling who you see and where you go)

- a. Yes
- b. No

28. Within the past 12 months, have you been limited in your finances by someone else or experienced financial abuse? (i.e. withholding information about where income is being used, not allowing you to work, and/or the person feels entitled to your money or assets.)

29. Within the past 12 months, have you found yourself in any of the following situations? Please check all that apply.

- ☐ I worried about getting sick and being unable to take time off work.
- ☐ I worried about getting sick and being able to see a doctor.
- ☐ I worried I may run out of food or groceries for myself before I got money to buy more.
- ☐ I ran out of food or groceries because I did not have the money to buy more.
- ☐ I worried about losing my home.
- ☐ I have stayed outside, in a car, in a tent, at an overnight shelter, or temporarily in someone else's home because I had nowhere else to stay.
- ☐ I have been faced with possible disconnection of my utilities (electricity, gas, water) because I was unable to afford them.
- ☐ My utilities (electricity, gas, water) have been disconnected because I was unable to afford them.
- ☐ A lack of transportation kept me from getting to medical appointments.

- ☐ A lack of transportation kept me from doing things needed for daily living (i.e. getting to work, going grocery shopping)
- ☐ I had to choose between paying my bills or buying my medication(s)

30. Do you have ongoing problems with pest infestation (bugs, ants, mice), mold, lead, and/or water leaks at the place where you stay?

- a. Yes
- b. No

31. What are the three biggest health concerns or challenges you think our community faces?

- 1. \_\_\_\_\_
- 2. \_\_\_\_\_
- 3. \_\_\_\_\_

32. What additional health services need to be offered to meet health challenges in your community?

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33. Is there anything else you would like to add?

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Thank you for your help and participation!



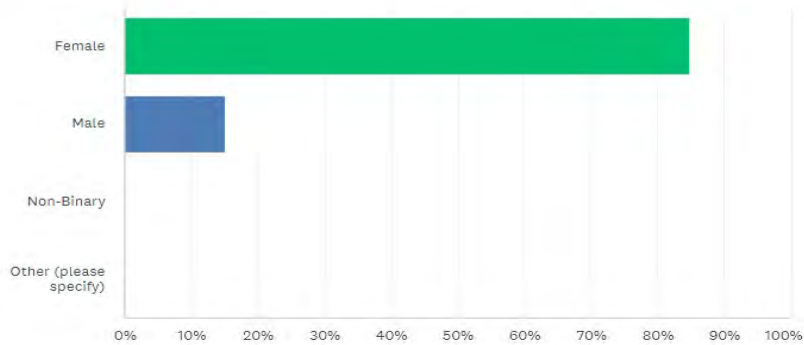
## Survey Results and Analysis

There were a total of 285 participants who completed the survey digitally. Nearly 85% of the respondents were female, the geographic distribution was representative of the service area and the age range was well distributed. More of the respondents were commercially insured than the rates in the service area with about 1% of respondents indicating they are uninsured. The rate of uninsured is significantly less than the percentage indicated in the county health data and less than the percentage that is seen in the Hugh Chatham Emergency Department.

### Demographic Results by Question #

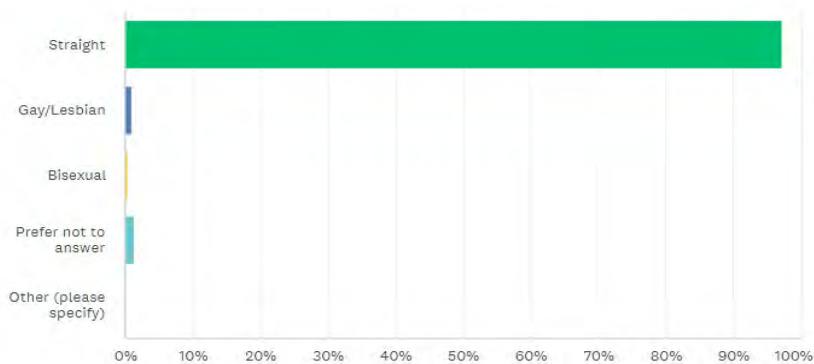
#### What is your gender?

Answered: 284 Skipped: 1



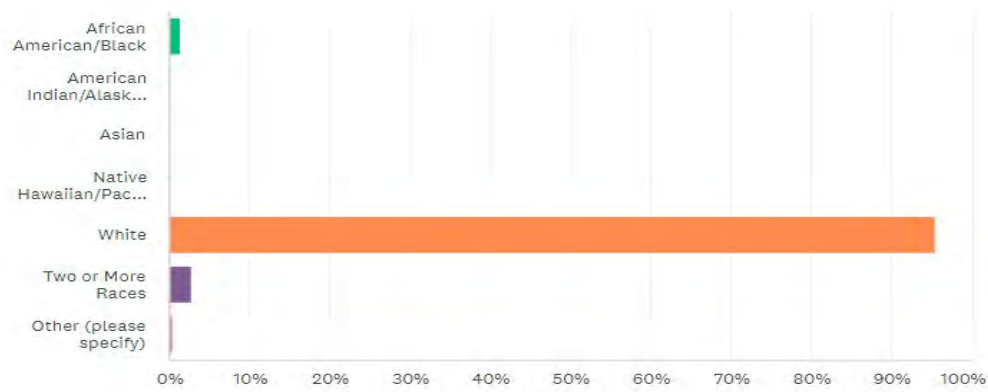
#### What is your sexual orientation?

Answered: 284 Skipped: 1



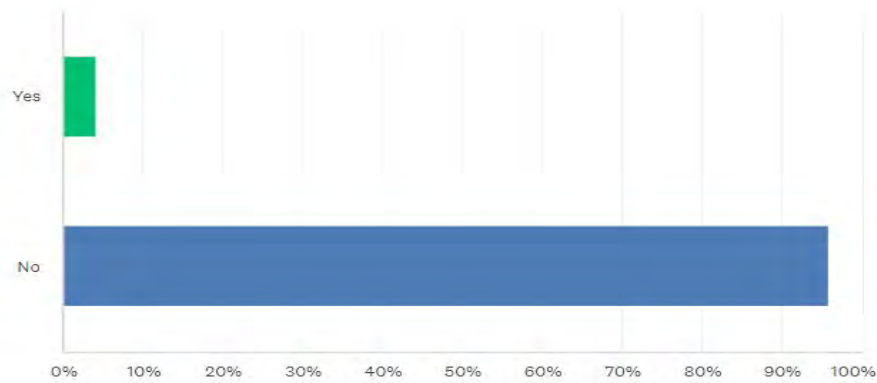
### What is your race?

Answered: 285 Skipped: 0



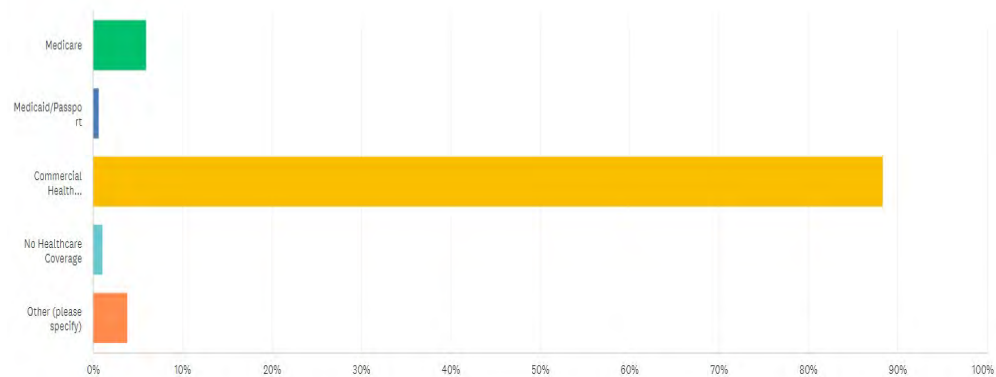
### Do you identify as Hispanic or Latino?

Answered: 285 Skipped: 0



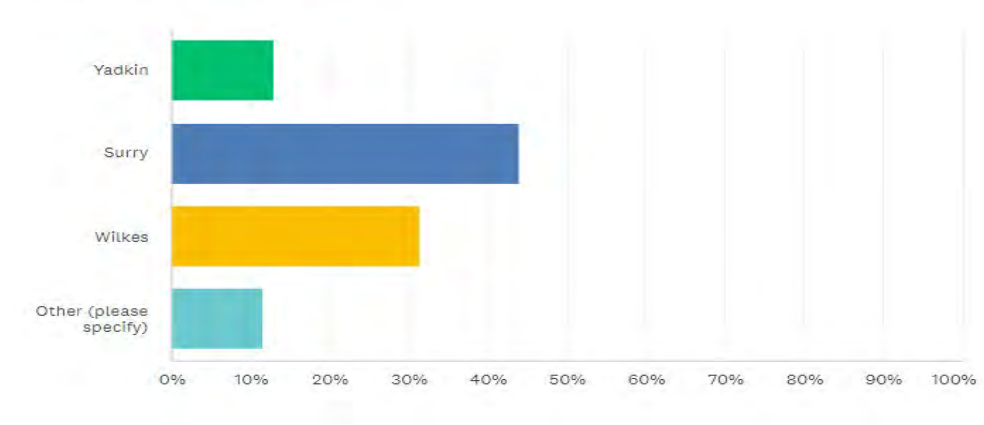
### What type of healthcare coverage do you have?

Answered: 285 Skipped: 0



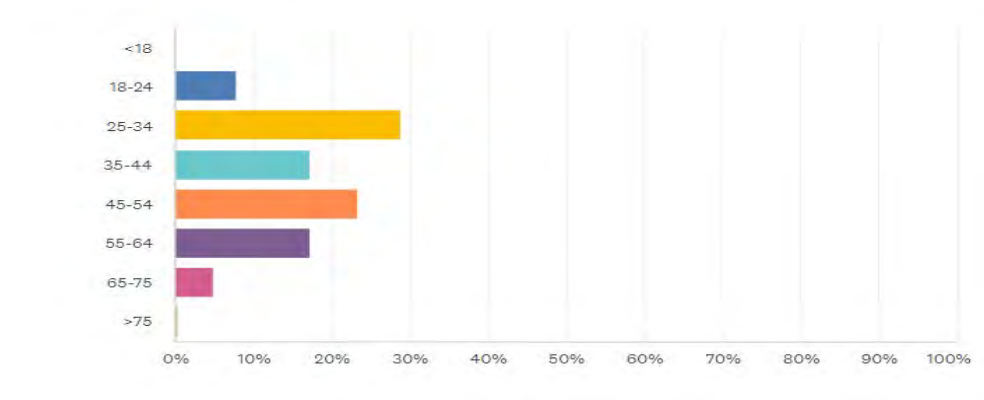
What is your county of residence?

Answered: 284 Skipped: 1



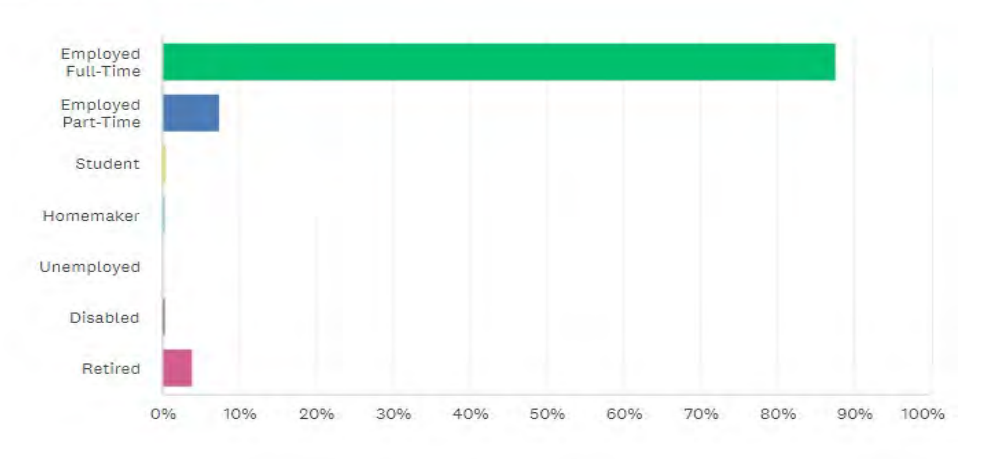
What is your age range?

Answered: 283 Skipped: 2



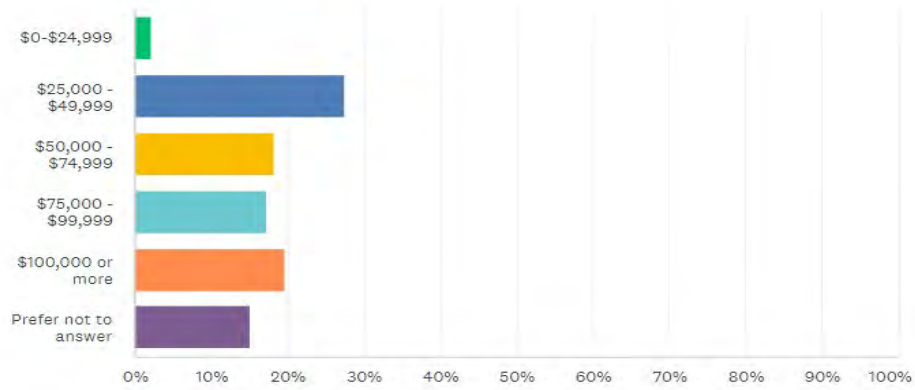
What is your current employment status?

Answered: 284 Skipped: 1



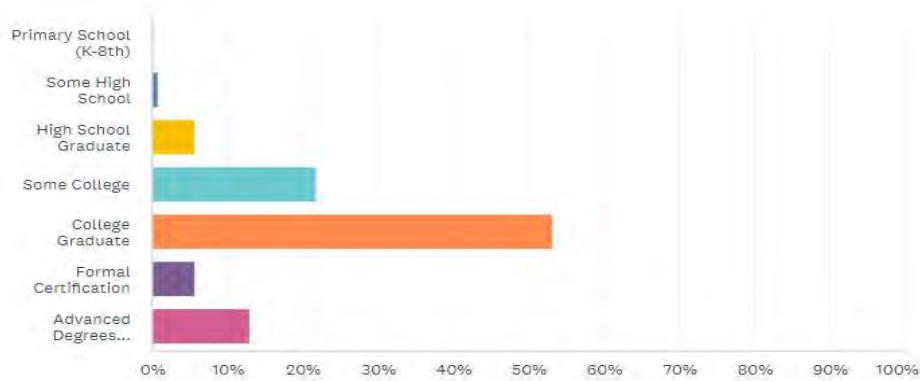
### What is your household income range?

Answered: 284 Skipped: 1



### What is the highest level of education you have completed?

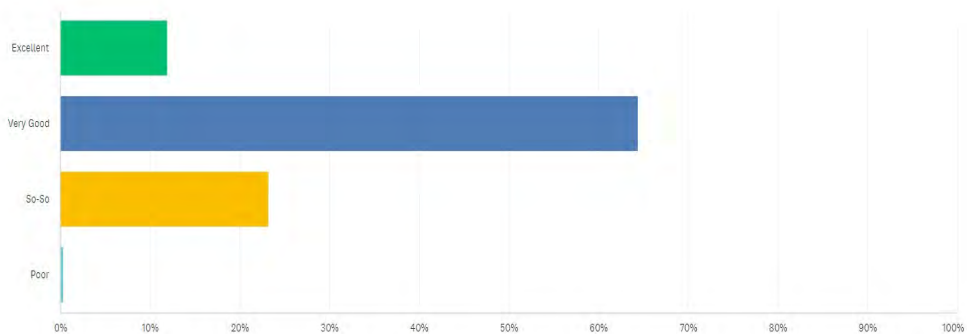
Answered: 285 Skipped: 0



### Health Status Results by Questions #:

How would you describe your overall health?

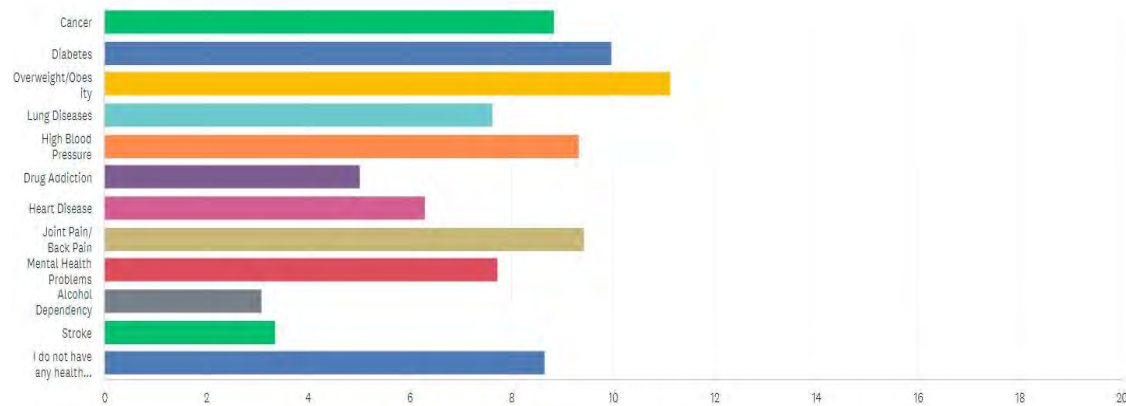
Answered: 284 Skipped: 1



Please select the top 3 health challenges you face. Rank them 1 to 3 with 1 being your greatest health challenge and 3 being your third greatest health ch...

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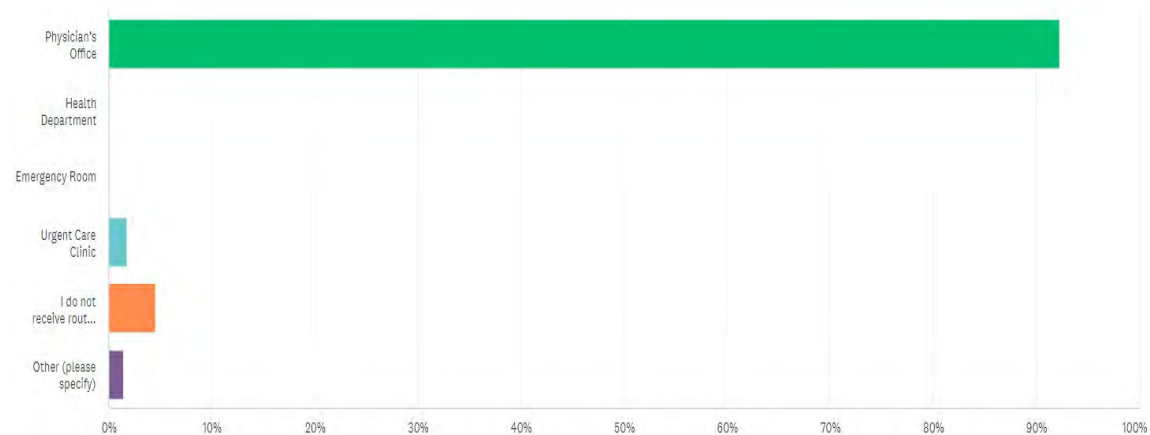
Answered: 272 Skipped: 13



Where do you go for your routine healthcare?

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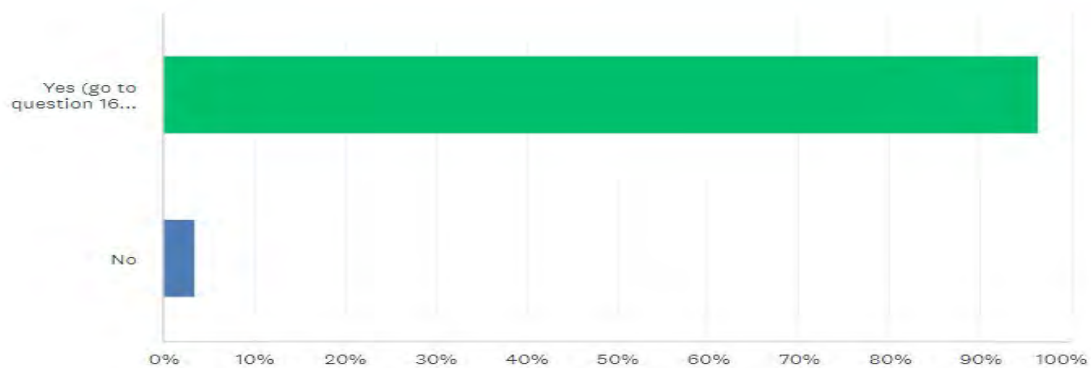
Answered: 285 Skipped: 0



Are you able to visit a doctor when needed?

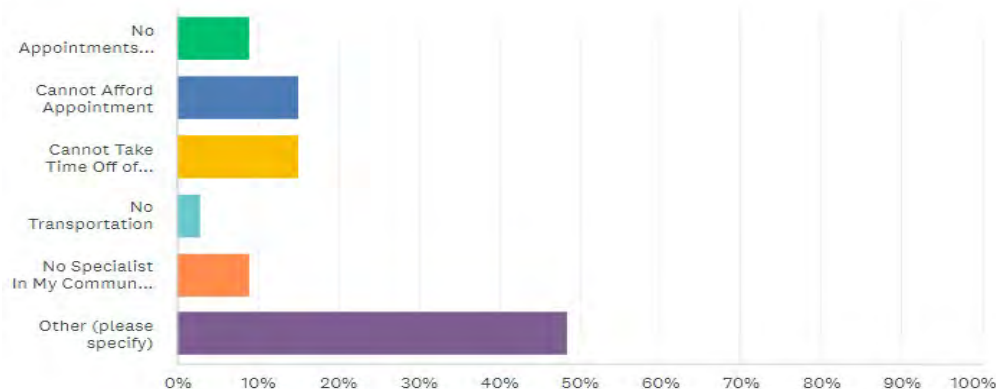
\*\*\*

Answered: 283 Skipped: 2



### If you answered "no" on question 14, why? Please choose all that apply? \*\*\*

Answered: 33 Skipped: 252

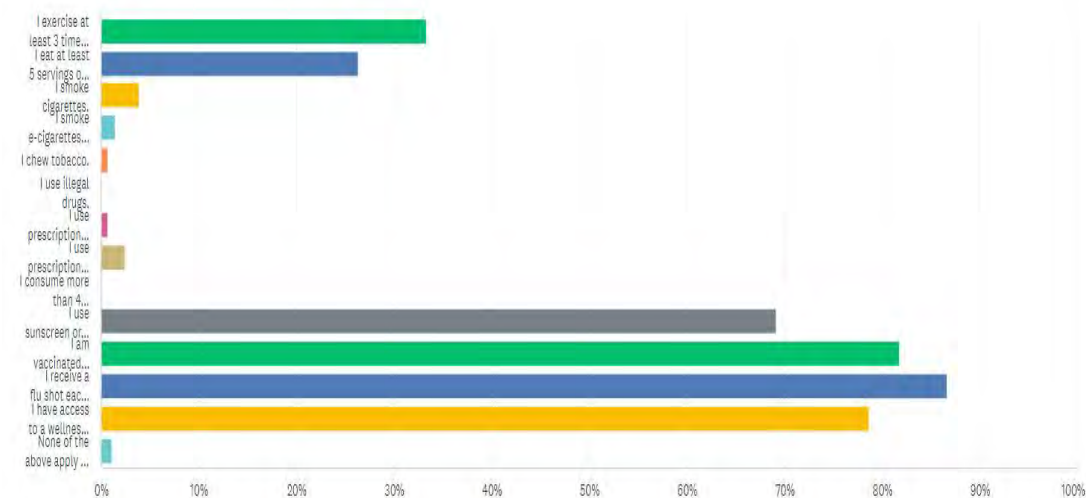


The overwhelming majority of the survey participants indicated that they received their routine healthcare within a physician office. This is a positive indicator of continuity of care and access to preventive healthcare. The majority of participants stated they were able to see a doctor when needed. Cost and inability to take time off for an appointment were the greatest barriers to being able to visit a doctor, with no specialist available in the area, no appointments available, a lack of transportation, and miscellaneous factors coming accounting for others. This positive view on the insured individual's ability to access appropriate care is reassuring, but a lack of survey response from uninsured community members leaves room for questions regarding their ability to access preventive and routine healthcare.

### Promoting Health and Preventing Illness Questions:

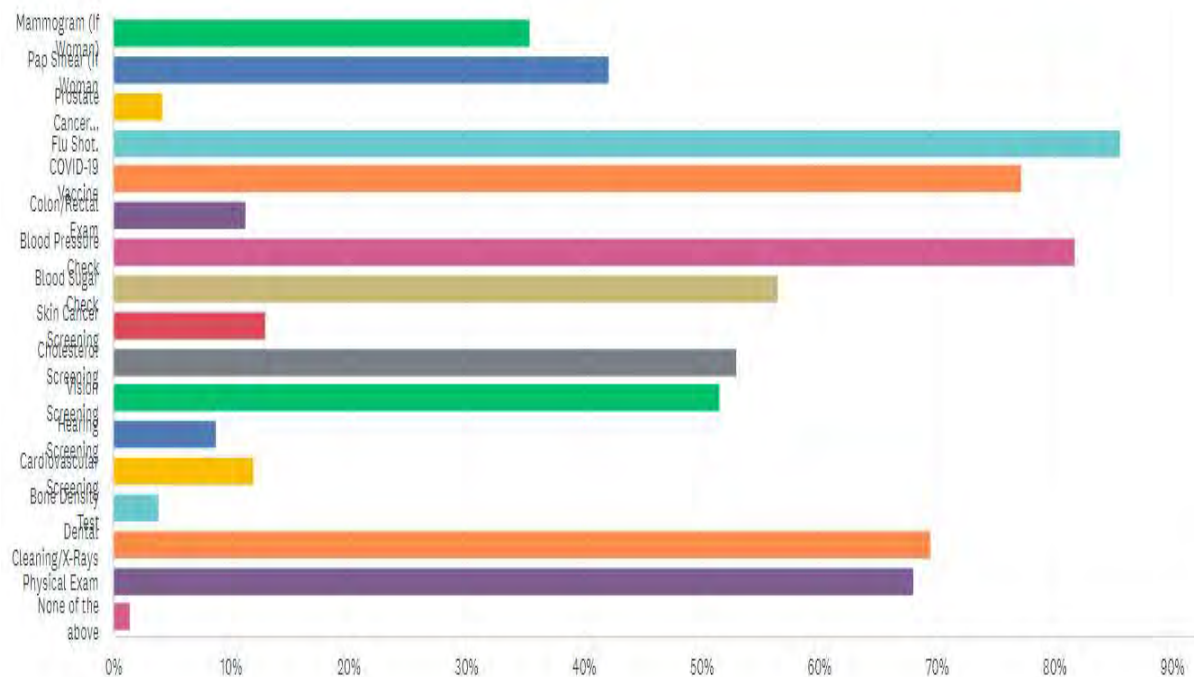
Please check all statements below that apply to you.

Answered: 285 Skipped: 0



## Which of the following preventative procedures have you had in the last 12 months?

Answered: 285 Skipped: 0



The responses to the promoting health and preventing illness questions reflect a contradictory picture.

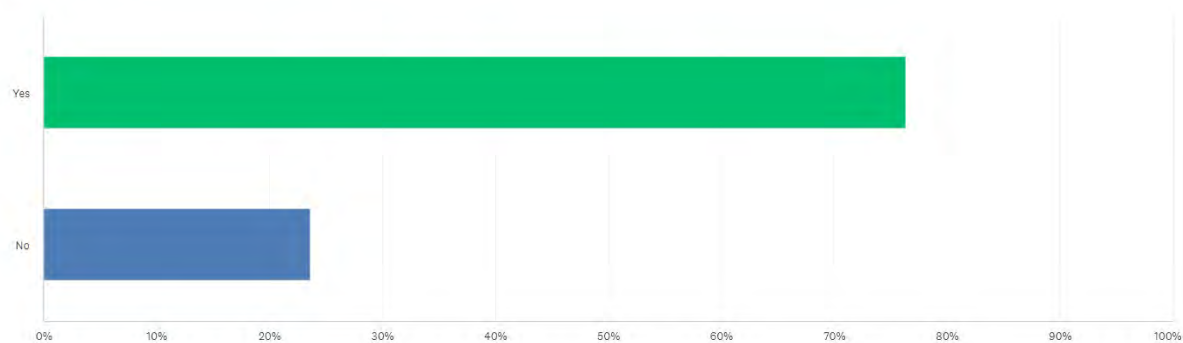
- The majority of the respondents reported having received the flu and COVID-19 vaccines which is encouraging; however, the overall population in the counties in our survey area are significantly less vaccinated than NC overall.
- Most respondents also reported using sunscreen or protective clothing for planned time in the sun as a protective measure against.
- Most respondents indicated that they are receiving routine non-invasive preventative care such as dental cleaning, a physical exam, vision screening, and blood pressure checks.
- Invasive procedures such as colonoscopy, prostate exams, pap smears and cardiovascular screening were less consistently reported. While mammography is not invasive, it also was reported at a lower than expected rate.
- The respondents had a positive trend of using tobacco and nicotine products at a significantly lower incident rate than that of the population in the geographical area by a significant margin.
- Only about a quarter of respondents eat at least 5 servings of fruits and vegetables each day
- While 78.6% of participants have access to a wellness program, only a third of participants reported exercising at least three times a week

Many of the responses to the promoting health and preventing illness questions may reflect the skewed response population of being more female, insured, and educated than the general public leading to increased concern that the overall health status of the population may be worse than is reflected by the survey results. Regardless, the last two points positively correlate with the three most prevalent reported health problems of Overweight/Obesity, Joint or Back Pain, and High Blood Pressure.

### Have you or someone in your direct family been diagnosed with COVID-19?

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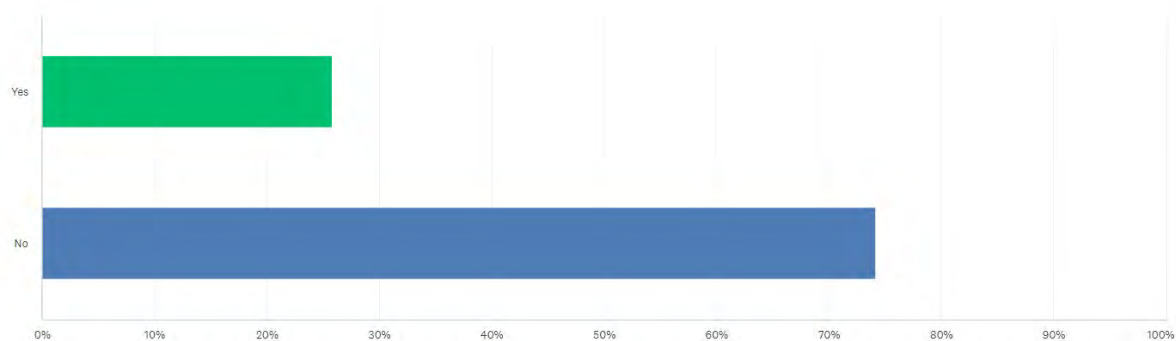
Answered: 283 Skipped: 2



### Have you or anyone in your household have permanent side effects due to COVID-19?

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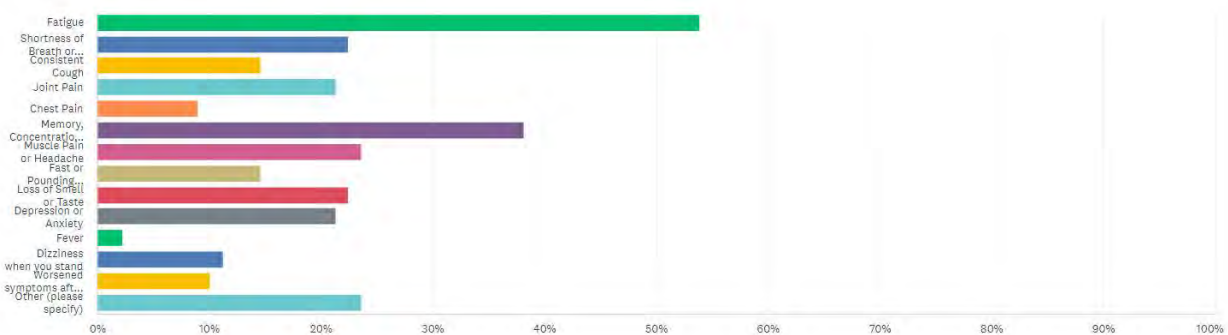
Answered: 283 Skipped: 2



### If YES, please circle which side effect(s) you are experiencing.

\*\*\*

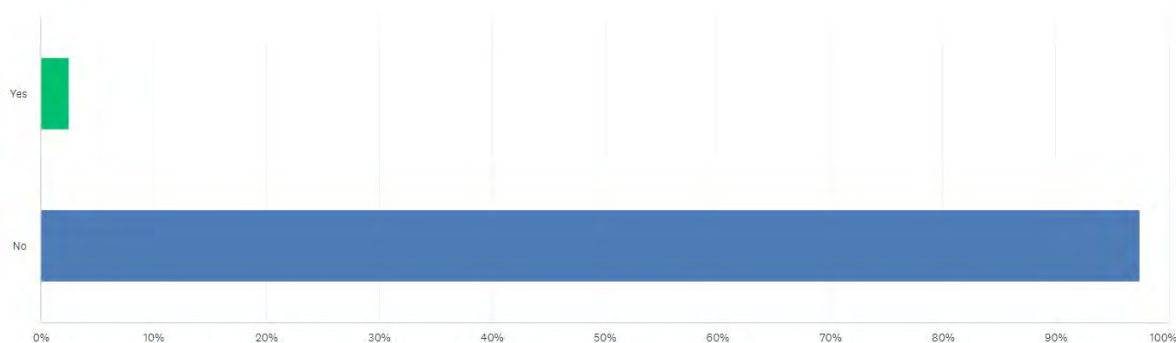
Answered: 89 Skipped: 196



### Has anyone in your household died due to COVID-19?

\*\*\*

Answered: 278 Skipped: 7





## Establishing Priorities

Decisions as to which of the many valid and deserving issues that were identified through the Community Health Needs Survey process could be addressed by Hugh Chatham Memorial Hospital over the next one to three years, were weighed to include:

- How much of an impact (prevalence and severity) does the issue have on our community at large?
- Does Hugh Chatham Memorial Hospital have the resources and expertise to address the issue or would it be more advantageous to partner with other community resources?
- Does it fall within the scope of our mission statement; “To consistently deliver exceptional healthcare”?
- Are there other organizations which can more effectively influence the issue?

Based on CHNA findings, HCMH has developed and will implement a community-wide health improvement plan to address aspects of the following health issues listed:

- **Cost of Care:** This remains a topic of high prevalence and potential for severity in terms of both individual and community health outcomes. Our geographic catchment area has an inordinate percentage of individuals having no insurance, limited insurance, or high deductible health plans. This is coupled with low education and literacy rates, high unemployment in conjunction with increasing overall health costs leading to decreased access and utilization (particularly of preventive health measures).
- **Prescription Drug abuse:** HCMH has supported and will continue to support a regional response to the ongoing prescription drug/opioid crisis in our community. The number of overdose deaths and suicides in our geographic region continues to exceed state and national numbers. This sadly, did not abate during the Covid pandemic but received last media attention and continues to have lasting effects on individuals, families and the community.
- **Promotion of Healthy Living and preventive care models:** specifically related to both lifestyle choices and COVID-19 prevention, testing, and treatment. Survey participants who are likely to be healthier than our overall population identified issues related to being overweight/obese, experiencing joint or back pain, and having high blood pressure as being of greatest concern to them. This correlates with the lack of reported exercise as well as the high incidence of stroke in this region.

CHNA findings which are outside the scope of our mission or fall outside the area of expertise for HCMH and thus are excluded in this current plan include:

- **Free Clinics:** HCMH works with each of the free and/or sliding scale clinics within our service area to support their efforts to provide quality medical care to the uninsured. HCMH provides volunteers from amongst its staff and offers in-kind services such as lab and imaging.
- **Drug Abuse programs:** HCMH provides emergency psychiatric care within its emergency department while appropriate care needs are determined and referrals are made. The scope of services required by these patients is more extensive than what can be provided by HCMH for inpatient care.

## 2022 Community Health Needs Implementation Strategies

Identified Need	HCMH Resources	Potential Key Metrics	Potential Strategic Partners
<b>Cost of Care</b>	<ul style="list-style-type: none"> <li>• Free COVID-19 Resources (ex: vaccinations and testing)</li> <li>• Implementation of Urgent Care strategies</li> <li>• Partnering with outside organizations for occupational health for preventive health procedures</li> <li>• Virtual Care and Telehealth opportunities</li> </ul>	<ul style="list-style-type: none"> <li>• Visit numbers for Covid testing, vaccination, outpatient monoclonal antibody infusion</li> <li>• Decrease visits in Emergency Department</li> <li>• Increased Urgent care visits</li> <li>• Increased covered lives in the ACO</li> <li>• Increased volume of telehealth visits</li> </ul>	<ul style="list-style-type: none"> <li>• Grace Clinic</li> <li>• Yadkin County Medical Clinic</li> <li>• Surry Rural Health Center</li> <li>• Legislative representatives to lobby for Medicaid Expansion</li> <li>• CHES ACO partnerships to optimize utilization, quality and cost for Medicare beneficiaries</li> </ul>

Due to the constant rise of inflation and rising salary costs due to a limited labor pool, cost of living and costs of care have increased making them at the epicenter of concern. Inflation is a national and global epidemic that has a disproportionate effect on healthcare organizations and healthcare costs. Inflation has been exacerbated in recent years by a multitude of situations such as COVID-19, the Russian invasion of Ukraine, and the Federal Reserve decreasing their aid toward the monetary policy.

Recent North Carolina data from the Health Care Cost Institute showed an average annual per person spending on healthcare to be \$8,230. That average varied across populations with the highest being for Medicare fee for service participants. This varied by age as well with elderly patients having greater cost than children and young adults. Lastly, rural counties had significantly higher costs per patient than urban areas of the state.

Hugh Chatham has a multimodal approach to helping our community have access to the right care, at the right time, in the right place, for the right cost.

A primary approach has been providing additional points of care for walk-in or unscheduled needs. In addition to existing urgent care centers in Dobson and Jonesville, an Urgent Care has been opened in Elkin and the Clingman Medical Center in Wilkes County has transitioned into both a primary and express care site. Urgent and Express Cares offer patients immediate access to care at a significantly lower cost than seeking care in an Emergency Department.

One additional focus has been the introduction of telehealth and virtual care opportunities. Individuals can receive exceptional care in the convenience of their home to decrease concerns regarding the

potential exposure to communicable diseases. Additionally, access to primary care, immediate care, and behavioral health via telehealth allows patients in this rural area to avoid transportation costs/barriers as well as expanding access and privacy.

A second additional focus has been expanding the number of lives that are covered under our valued care contracts through our CHESS partnership. There are now over 10,000 patients who have commercial insurance, traditional Medicare, or a Medicare Advantage product who are benefiting from a team focused on ensuring their quality of care is obtained through an efficient and cost-effective coordination of resources. Hugh Chatham is continuing to be a leader in promoting the quadruple aim of healthcare for our patients and our community.

Throughout the evolving COVID-19 pandemic, Hugh Chatham has been a leader in bringing critical resources to our community. When the virus first was identified in the United States, Hugh Chatham led a community wide effort to have free drive through Covid testing available in various easy to access locations. As testing became more widely available, this transitioned into free testing available in all of our same day access locations. Hugh Chatham was proud to be one of the first healthcare systems to receive shipments of covid-19 vaccine in December of 2020. This initiated a campaign to provide community access to free vaccine clinics. Again, as vaccine became more readily available, our primary care and same day access care locations all transitioned to educating their patients and to providing thousands of doses of vaccine. Additionally, Hugh Chatham provided hundreds of doses of monoclonal antibodies to those who tested positive or had high risk exposures. These innovative therapies reduced the likelihood of severe disease that would lead to hospitalization, invasive ventilation, or death.

Identified Need	HCMH Resources	Potential Key Metrics	Potential Strategic Partners
<b>Prescription Drug Abuse: Addressing the Opioid epidemic</b>	<ol style="list-style-type: none"> <li>1. Active Participation in the implementation of strategies to decrease the availability of prescription narcotics in our community</li> <li>2. Active participation and support of county and private initiatives to address the opioid epidemic</li> </ol>	<ol style="list-style-type: none"> <li>1. # of providers educated on the STOP act</li> <li>2. # of opioid prescriptions written in ED and/or at discharge</li> <li>3. # of opioid related EMS calls/deaths</li> <li>4. # of peer support specialists</li> </ol>	<ul style="list-style-type: none"> <li>• HCMH Primary Care Practices</li> <li>• HCMH ED</li> <li>• Surry County Opioid Response Council</li> <li>• Project Lazarus</li> <li>• County Sheriff Departments</li> </ul>

Hugh Chatham Memorial Hospital and its providers have adopted a prescription pain medicine policy which allows for appropriate management of both acute and chronic pain concerns while maintaining a high level of awareness of preventing the availability of excess narcotics in the community.

Hugh Chatham Memorial Hospital provides emergency treatment and stabilization of acute narcotic overdoses in its emergency department. Additionally, HCMH serves to provide immediate care for those requiring detoxification from these substances while placement in a treatment program is located. Peer support specialists are available in both the emergency department and the inpatient areas to meet with patients and provide both a unique personal connection and resources to those suffering from substance abuse disorders to assist them in successfully moving into an outpatient treatment program. HCMH has partnered with the Surry County Opioid Response team through a grant program to distribute Narcan to those most at risk for opioid injury or death. Additionally, HCMH serves to provide immediate care for those requiring detoxification from these substances while placement in a treatment program is located. HCMH provides leadership to the Surry County Opioid Response Advisory Council, which consists of 20 members from county, state and federal agencies that represent the medical community, the court system, the three school districts, the faith based community, pharmacies, EMS and law enforcement. The Opioid Response Advisory Council provides leadership, strategic planning, and collaboration for the County's opioid response efforts.

Identified Need	HCMH Resources	Potential Key Metrics	Potential Strategic Partners
<b>Promotion of Healthy Living and Preventative Care Models</b>	<ol style="list-style-type: none"> <li>1. Promotion of free annual wellness visits to Medicare and Medicare Advantage patients</li> <li>2. Expansion of Wellness Center classes and programming to the public</li> <li>3. Diabetic Education Classes</li> <li>4. Registered Dieticians Consult</li> <li>5. Community Education Programs</li> </ol>	<ul style="list-style-type: none"> <li>• # of covered ACO lives</li> <li>• Quantitative analysis of patients through blood pressure before and after health interventions</li> <li>• # of adult and pediatric classes offered</li> <li>• # of classes offered</li> <li>• # of outpatient consults</li> <li>• # of programs offered</li> </ul>	<ul style="list-style-type: none"> <li>• CHESS</li> <li>• Elkin Valley Trails Association</li> <li>• HCMH Wellness Center</li> <li>• Area YMCA's and Recreation Centers</li> </ul>

According to the National Health and Nutrition Examination Surveys (NHANES) (2009-2020), the COVID-19 pandemic resulted in a delay in their usual release of data. Data that has been compiled as pre-pandemic and post-pandemic has yet to be published. Data is typically calculated in a four-year sample design. Data from 2020 shows that approximately 69% of US adults are overweight or obese, with more than 78 million adult Americans considered obese. Children have become heavier as well. In the past 30 years, the prevalence of childhood obesity has more than doubled among children ages 2 to 5, has nearly tripled among youth ages 6 to 11, and has more than tripled among adolescents ages 12 to 19. About 17% of American children ages 2 to 19 are obese. Further, the latest data continue to suggest that overweight and obesity diagnoses and their sequelae are having a greater effect on minorities, including blacks and Hispanics.

Obesity in childhood can be a precursor to a myriad of health problems—often for life. In adults, a diagnosis of being overweight or obese are linked to an increased risk of heart disease, type 2 diabetes (high blood sugar), high blood pressure, certain cancers, and other chronic conditions. Research has shown that obese children are more likely to be overweight or obese as adults. Additionally, many of the secondary chronic conditions that have historically been only diagnosed in adults are now increasing in prevalence among children of all ages.

Changes in our environment that make it harder to engage in healthy behavior have a lot to do with our overall increase in weight over the past few decades. For many —adults and children alike— daily life doesn't involve a lot of physical activity and exercise. Also, food is everywhere, and so are messages telling us to eat and drink. HCMH is coordinating a focused effort on providing information and education to those most at risk, to our employees, and to the general public regarding nutrition, exercise, and ways to counteract our progression towards becoming an obese society.

## Appendix

The Surry, Yadkin and Wilkes County Resource Information has been provided by and used with permission of the following:

- Surry County Health and Nutrition Center
- Wilkes County Health Department
- Yadkin County Human Services Agency

### **Facilities**

Hugh Chatham Memorial Hospital  
1-80 Parkwood Drive  
Elkin, NC 28621  
336-527-7000  
[www.hughchatham.org](http://www.hughchatham.org)

Alleghany Health  
233 Doctors Street  
Sparta, NC 28675  
(336) 372-5511  
[www.alleghanyhealth.org](http://www.alleghanyhealth.org)

Northern Regional Hospital  
830 Rockford Street  
Mt. Airy, NC 27030  
(336) 719-7000  
[www.wearenorthern.org](http://www.wearenorthern.org)

Atrium Health Wake Forest Baptist/Wilkes Medical Center  
1370 West D Street  
North Wilkesboro, NC 28659  
[Wilkes Medical Center | Atrium Health Wake Forest Baptist \(wakehealth.edu\)](http://Wilkes Medical Center | Atrium Health Wake Forest Baptist (wakehealth.edu))

### **HCMH Primary Care Providers**

Facility Name	Contact Information
Clingman Medical Center and Express Care	3369 Clingman Road Rhonda, NC 28670 336-984-3003
Hugh Chatham Express Care	911 East Atkins Street Dobson, NC 27017 336-374-1010
Hugh Chatham Family Medicine- Boomer	156 Boomer Community Center Road Boomer, NC 28606 336-921-2273

<b>Hugh Chatham Family Medicine-Elkin</b>	600 Chatham Medical Park Elkin, NC 28621 336-835-4819
<b>Hugh Chatham Family Medicine-Hays</b>	5229 Rock Creek Road Hays, NC 28635 336-696-2711
<b>Hugh Chatham Family Medicine – Independence</b>	127 Main Street Independence, VA 24348 276-773-2865
<b>Hugh Chatham Family Medicine-Jonesville</b>	546 Winston Road Jonesville, NC 28642 336-526-0037
<b>Hugh Chatham Family Medicine – Woodlawn</b>	22 Training Center Road Woodlawn, VA 24381 276-728-5334
<b>Hugh Chatham Internal Medicine</b>	300 Johnson Ridge Medical Park Elkin, NC 28621 336-258-8094
<b>Hugh Chatham Urgent Care - Jonesville</b>	546 Winston Road Jonesville, NC 28642 336-526-0037
<b>Hugh Chatham Urgent Care – Elkin</b>	631 CC Camp Road Elkin, NC 28621 336-366-1072
<b>Yadkin Valley Adult Medicine</b>	500 Chatham Medical Park Elkin, NC 28621 336-835-3136

#### **Other Community Primary Care Providers**

<b>Facility Name</b>	<b>Contact Information</b>
<b>Alleghany Health Department</b>	157 Health Services Road Sparta, NC 28675 336-372-5641
<b>Alleghany Family Practice and Urgent Care</b>	233 Doctors St. Sparta, NC 28675 336-372-5511
<b>Blue Ridge Cardiology &amp; Internal Medicine, P.A. -Elkin</b>	640 Parkwood Medical Park Elkin, NC 28621 336-526-7997
<b>Blue Ridge Cardiology &amp; Internal Medicine, P.A. -Mt. Airy</b>	905 Rockford Street Mt. Airy, NC 27030 336-719-2440
<b>Blue Ridge Cardiology &amp; Internal Medicine, P.A. -North Wilkesboro</b>	1909 West Park Drive North Wilkesboro, NC 28659 336-667-1001
<b>Blue Ridge Cardiology &amp; Internal Medicine, P.A. -Sparta</b>	655 South Main St. Sparta, NC 28675 336-372-5911

<b>Blue Ridge Cardiology &amp; Internal Medicine, P.A. -Yadkinville</b>	108 South State St. Yadkinville, NC 27055 336-679-2733
<b>Church Family Practice</b>	1707 Industrial Drive Wilkesboro, NC 28697 336-667-6363
<b>Atrium Health Wake Forest Baptist - Family Medicine - Jonesville</b>	4000 South Swaim Street Jonesville, NC 28642 336-835-6300
<b>Atrium Health Wake Forest Baptist - Family Medicine - Dobson</b>	111 North Comer St. Dobson, NC 27017 (336) 386-4452
<b>Elkin Pediatric and Adult Medicine</b>	124 Samaritans Ridge Road Elkin, NC 28621 336-835-7700
<b>Holly Springs Family Practice</b>	104 Ararat Longhill Road Pilot Mountain, NC 27041 336-786-7966
<b>Dr. James McGrath, PLLC</b>	624 West Main Street, #5674 Yadkinville, NC 27055 336-667-1100
<b>Northern Family Medicine</b>	280 North Pointe Blvd. Mount Airy, NC 27030 336-786-4133
<b>Northern Pediatric</b>	100 North Pointe Blvd. Mount Airy, NC 27030 336-789-6267
<b>Novant Health-Surry Medical Associates-Rockford</b>	2133 Rockford Street, Suite 1400 Mount Airy, NC 27030 336-719-0398
<b>Novant Health-Surry Medical Associates-Westlake</b>	865 Westlake Drive Mount Airy, NC 27030 336-719-6100
<b>Novant Health-Wilkes Medical Associates</b>	1919 West Park Drive North Wilkesboro, NC 26859 336-651-2980
<b>Novant Health- Yadkin Medical Associates</b>	305 East Lee Ave Yadkinville, NC 27055 3-36-679-2661
<b>Riverside Medical Associates</b>	702 Thirteenth Street North Wilkesboro, NC 28659 336-667-5296
<b>Atrium Health Wake Forest Baptist - Rock Creek Family Medicine &amp; Urgent Care</b>	111 Riddle Road North Wilkesboro, NC 28659 336-921-1362
<b>Surry County Health &amp; Nutrition Center</b>	118 Hamby Road Dobson, NC 27017 336-401-8400



<b>Surry Rural Health Center</b>	113 Scenic Outlet Lane, Unit 2 Mt Airy, NC 27030 336-352-4900
<b>Wake Forest Baptist Health- Family Medicine Foothills</b>	910 Worth Street Mount Airy, NC 27030 336-786-5108
<b>Atrium Health Wake Forest Baptist Health - Internal Medicine Wilkes</b>	1916 West Park Drive North Wilkesboro, NC 28659 336-903-2900
<b>Atrium Health Wake Forest Baptist Health - Family Medicine - West Wilkes</b>	171 West Wilkes Medical Center Rd Ferguson, NC 28624 336-973-9378
<b>Wilkes County Health Department</b>	306 College Street Wilkesboro, NC 28697 336-651-7450
<b>Wilkes Family Health Center</b>	1534 West D Street North Wilkesboro, NC 28659 336-667-4178
<b>Atrium Health Wake Forest Baptist Health - Family Medicine - Wilkes</b>	1401 Willow Lane, Suite A North Wilkesboro, NC 28659 336-667-4178
<b>Yadkin County Health Department</b>	320 W. Maple Street Yadkinville, NC 27055 336-849-7910

### **Community Resources**

**Alpha Acres**.....336-463-5515

1939 Morning Star Drive Yadkinville, NC 27055

Alpha Acres is a structured, residential, twelve-month program for men dealing with substance abuse. This program is a ministry of the Winston Salem Rescue Mission.

**HUD Section 8 Rental Assistance Program**.....336-679-4210

#### **Yadkin County Human Services Agency**

250 East Willow Street Yadkinville, NC 27055

HUD Section 8 Rental Assistance Program assists with rent. Application process is necessary.

**Project Lazarus**.....336-667-8100

[yadkinprojectlazarus@gmail.com](mailto:yadkinprojectlazarus@gmail.com)

Project Lazarus is a community-wide effort to address the epidemic of the abuse and misuse of prescription medications.

#### **Yadkin County Human Services Agency – 336-849-7910**

217 East Willow Street Yadkinville, NC 27055

**Solus Christus**.....336-813-3007

Solus Christus is a Christian safe house for women in addiction. They provide a safe place to stay while they help women get into long-term treatment. While there, women go to classes, Christian 12-step programs and work on the farm with animals and gardens. Applications are available at [SolusChristusInc.org](http://SolusChristusInc.org).

**Storehouse for Jesus.....336-735-8081**

675 E Lexington Street Mocksville, NC 27028

Storehouse for Jesus serves Yadkin County families with food, clothing and household items.

**The ARK.....336-527-1637**

130 Hill Street Elkin, NC 28621

The ARK provides shelter and supportive services to homeless families and single women who are not victims of domestic violence.

**The Dragonfly House.....336-753-6155**

387 Valley Road Mocksville, NC 27028

The Dragonfly House is a child advocacy center for children suffering from all kinds of child abuse.

**Tri-County Christian Crisis Ministry.....336-526-1089**

290 North Bridge Street, Elkin, NC 28621

The Tri-County Christian Crisis Ministry provides assistance with clothing, food, medicine, power, and water. Their services are for residents in the Boonville, Hamptonville and Jonesville areas. This ministry is open to the public on Mondays from 1:00-4:00 PM / Wednesdays and Fridays from 9:00 AM -12:00 noon.

**Union Grove Baptist Church Food Pantry.....336-468-8060**

760 Union Baptist Church Road, Hamptonville, NC 27020

**Yadkin Christian Ministries.....336-677-3080**

117 Woodlyn Drive, Yadkinville 27055

**Yadkin Family Domestic Violence Program.....336-679-2072**

Yadkin Family Domestic Violence Program/YVEDDI, provides domestic violence and sexual assault services in Yadkin County.

**2-1-1 of Wilkes County .....336-651-7800**

With the help of the United Way, many communities in NC, including Wilkes County, help maintain a local “2-1-1” phone information system to help citizens locate health and human services and resources as varied as employment assistance, food pantries, or homeless shelters. A call to NC 2-1-1 is free, confidential, and available all day, every day, and in any language. In addition, there is an online gateway to NC 2-1-1 that provides links to a listing of county resources by logging in to [www.nc211.org](http://www.nc211.org).

**SAFE, Inc. Wilkes County, NC .....1-888-294-9117**

Resources and Links SAFE offers survivors of domestic and sexual violence options for safety, empowerment, healing and hope. It maintains a web listing of resources of interest to its clients and others. The resource list can be located via the following URL: <https://www.safewilkes.org/treatment-programs/inpatient-rehab-centers.html>

## **Health & Developmental Services / Family Support**

**Partners Behavioral Health Management.....1-877-864-1454**

Partners BHM is a local government agency that oversees federal, state, and local funding for mental health, substance use disorder and intellectual/developmental disabilities. The toll-free number is accessible 24 hours a day.

**Early Learning Sensory Support Program-Visual Impairments.....984-236-2100**

Raleigh, NC 28626

Early Learning Sensory Support Program for Children with Visual Impairments provides early intervention and educational services to children ages birth to five years with diagnosed visual impairments.

**Yadkin County Medical Clinic.....336-849-7910**

320 W Maple Street, Suite B Yadkinville, NC 27055

The Yadkin County Medical Clinic provides preventive healthcare through child health, family planning, maternal health, adult health, and the Breast and Cervical Cancer Control Program (BCCCP). The clinic offers acute sick care for clients currently enrolled in preventive care programs, immunizations, testing and treatment for TB and STDs; and care management for children and pregnant women with Medicaid.

**Division of Services for the Blind.....336-849-7910**

Yadkin County Human Services Agency

250 East Willow Street Yadkinville, NC 27055

**Wilkes Developmental School.....336-838-3119**

Wilkesboro, NC

A private non-profit agency that meets the needs of children with various abilities, in an inclusive setting. Children receive specialized programming to fit individual needs, including Speech/Language, Physical and Occupational therapies.

**Easter Seals UCP NC & VA, Inc.....336-789-9492**

Mount Airy, NC 27030

Easter Seals provide services to children, adolescents, adults and families in Yadkin and Surry counties through a variety of programs. They provide Individual and Community Supports (ICS) for individuals with Intellectual Development Dis- abilities; Intensive In-home services and Multi-Systemic Treatment for children, adolescents, and families; Assertive Community Treatment Team services for adults with severe and persistent mental illness; as well as Outpatient Therapy (Individual, Group and Family Therapy) and Psychiatric Services for children, adolescents and adults.

**New Horizons Adult Day Services, Inc.....336-677-1385**

1917 Old US 421 Hwy W Yadkinville, NC 27055

We provide NC Innovations and IPRS Day Supports services in a licensed Day Program setting.

**New Horizons Home Care, Inc.....336-677-3843**

Yadkinville, NC 27055

We provide CAP-DA, CAP-C, NC Innovations, Medicaid Personal Care Services, VA Personal Care Services, Private Pay Personal Care Services, Family Caregiver Respite Program, Home and Community Care Block Grant, In Home Aid Services and Respite Services

**CareNet of Elkin.....336-838-1644**

A professional, community-based counseling organization affiliated with Wake Forest Baptist Health.

**NETworX Yadkin .....336-463-1060**

Yadkinville, NC 27055

NETworX Yadkin is a 15-week training course that addresses all areas of poverty; whether it is mental, physical, emotional, social, spiritual or financial. A meal, transportation and child care are available. Meets weekly on Mondays from 5:30-7:30 PM at Yadkinville United Methodist Church.

**Smart Start of Yadkin County.....336-679-7833**

Yadkinville, NC 27055

Smart Start of Yadkin County provides a variety of services for children ages 0-5 through the funding of activities of local agencies. Some of the activities include a Child Care Health Consultant and Parents as Teachers Parent Educator.

**Yadkin County Human Services Agency.....336-679-4210**

Yadkinville, NC 27055

The Yadkin County Human Services Agency is comprised of the Women, Infant, and Children Division (WIC), the Medical Clinic and the Social Services Division. The Social Services Division includes such programs as Food & Nutrition, Medicaid, Child Support, Child Care Subsidy, Emergency Intake, Work First, Adult Services and Child Welfare Services. The agency also employs a Child Healthcare Consultant.

**Yadkin Valley Economic Development District (YVEDDI).....336-367-7251**

Boonville, NC 27011

The Yadkin Valley Economic Development District (YVEDDI) offers a variety of services. Some include: The Community Services Block Grant Program (CSBG), public transportation, weatherization, Head Start, Migrant Head Start, and the senior enrichment program.

**Compassion Care Center.....336-679- 7101 or text 336-258-0253**

321 West Main Street, Yadkinville, NC 27055

Formerly New Hope Pregnancy Care, Compassion Care Center, is a medical clinic offering limited ultrasounds, pregnancy tests, prenatal/parenting classes, STD testing/treatment and post abortion support groups. The center is open Tuesdays, Wednesdays and Thursdays

**Daymark Recovery Services**

320 East Lee Street, Yadkinville, NC 27055 - **336-679- 8805**

1400 Willow Lane, West Park C61-2, North Wilkesboro, NC 28659 – **336-667-5151**

940 West Lebanon Drive, Mt. Airy, NC 27030 – **336-783-6919**

Daymark Recovery Services provides outpatient mental health counseling to individuals, families and children in both individual and group settings.

**Child Development Services Agency (CDSA).....336-716-2372**

3325 Silas Creek Parkway, Winston-Salem, NC 27103 (Covers Davidson, Davie, Forsyth, Stokes, Surry and Yadkin Counties.) The CDSA is the coordinating agency for Early Intervention Services. The agency provides developmental evaluations/assessments, case management, family support & education, and other interventions for children ages 0-3.

**Grace Clinic of Yadkin Valley.....336-835-1467**

948 Johnson Ridge Road, Elkin, NC 28621

Grace Clinic provides primary medical care and resources to low-income adult residents lacking medical insurance and access to non-emergency health and wellness care.

**Hands of Hope Medical Clinic.....336-849-7960**

320-A West Maple Street, Yadkinville, NC 27055

Hands of Hope Medical Clinic provides free primary medical care and resources to the sick and needy in Yadkin County who are uninsured and unable to afford healthcare from any other source. The walk in clinic is open on Tuesdays from 8:00 a.m. – 4:30 p.m.

**Lifeline Pregnancy Help Center.....336-526-5433**

110 Dutchman Court, Second Floor

Elkin, NC 28621

Life Line Pregnancy Help Center offers free and confidential pregnancy tests, ultrasounds and other services for those facing an unintended pregnancy.

**Mountain Valley Hospice and Palliative Care.....336-526-2650**

Yadkinville, NC 27055

Hospice and Palliative Care is considered the model for quality, compassionate care for people facing a life- limiting illness or injury. Mountain Valley Hospice and Palliative Care serves 16 surrounding counties.

**Wilkes Faith Help – Local Medical Resources**

FaithHealth mobilizes the caring strengths of congregations to improve health and bring hope to those who are ill. Part of FaithHealthNC, a statewide movement bringing together individuals, congregations, community partners and healthcare providers to improve health, the local office maintains a webpage with links for local medical resources such as clinics, counseling, dental care, insurance, prescriptions, respite care, urgent care and “find a doc.” It can be located at:

<http://wilkesfaithhealth.weebly.com/local-medical-resources.html>.

**Wilkes Community Partnership for Children**

The Partnership, through its Smart Start initiative, maintains a webpage with links not to organizational re- sources but to information resources on topics pertaining to early childhood and child development.

The list can be accessed at: [http://www.wilkessmartstart.com/n\\_hints.php](http://www.wilkessmartstart.com/n_hints.php).

**Yadkin Valley United Fund**

Surry, Yadkin, and Wilkes Counties

YVUF is a local, non-profit organization and the area’s largest volunteer effort addressing human needs.

[www.yadkinvalleyunitedfund.org](http://www.yadkinvalleyunitedfund.org)

**United Way of Wilkes County**

The United Way maintains a brief alphabetized list of links to partner agencies, most of which provide advocacy or direct assistance to the public. The list is accessed via: <http://www.uwwilkes.org/links.php>

## References

- Centers for Disease Control and Prevention: data as of 09/01/2022; <https://www.cdc.gov/>
- County Health Rankings & roadmaps; data as of 08/01/2022;  
<https://www.countyhealthrankings.org/reports/2022-county-health-rankings-national-findings-report>
- Healthy People 2030; data as of 08/01/2022; <https://health.gov/healthypeople>
- National Center for Health Statistics; National Health and Nutrition Examination Survey data as of 08/01/2022; <https://www.cdc.gov/nchs/nhanes/index.htm>
- NCDHHS Division of Public Health, NC State Center for Health Statistics; data as of 09/01/2022;  
<https://schs.dph.ncdhhs.gov/data/county.cfm>
- NC Department of Commerce; data as of 08/01/2022; <https://www.commerce.nc.gov/>
- NC Institute of Medicine; data as of 09/01/2022; <https://nciom.org/>
- Surry County Economic Development Partnership; data as of 08/01/2022;  
<https://www.surryedp.com/>
- US Census 2020; data as of 09/01/2022; <https://www.census.gov/>;  
<https://www.census.gov/quickfacts/fact/table/US/PST045221>

HCMH Community Health Needs Assessment Team would like to thank all those who supported the completion of the 2022 assessment process.