

2021



COMMUNITY HEALTH NEEDS ASSESSMENT (CHNA) REPORT
CHESTER | LANCASTER

 **MUSC Health**
Medical University of South Carolina

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ACKNOWLEDGEMENTS

This process was led by GOODSTOCK Consulting, LLC with guidance and support from the following MUSC Health employees:

- Scott Broome, MHA, MAIS, FACHE, Chief Executive Officer, MUSC Health Lancaster Division
- Caroline Brown, MBA, Chief External Affairs Officer, MUSC Health
- Portia Brown, MBA, External Affairs and Strategic Engagement Lead, MUSC Health Lancaster Division
- Susan Johnson, Ph.D., Director of Health Promotion, MUSC Health
- Christina O’Malley, External Affairs & Strategic Engagement, MUSC Health Florence Division
- Stephanie Taylor, MPS, Director of Operations, MUSC Health
- Quenton Tompkins, MPH, Government Affairs Manager, MUSC Health

Community partners are essential to the work we do and strive to do in this region. Data collected was done collaboratively with their assistance and commitment to improve health outcomes in the region together. This assessment could not have been successfully completed without the support and assistance of the organizations listed below:

- Arras Foundation
- Chester County Chamber of Commerce
- Chester Healthcare Foundation
- GRASP Crisis Relief
- Greater Indian Land Chamber of Commerce
- Kershaw KARE
- Lancaster County Chamber of Commerce
- Lancaster County Council on Aging
- Lancaster County First Steps
- South Carolina Department of Health & Environmental Control
- Town of Heath Springs
- Town of Kershaw
- United Way of Chester County
- United Way of Lancaster County
- University of South Carolina – Lancaster
- Upper Midlands Rural Health Network

INTRODUCTION FROM MUSC HEALTH LANCASTER DIVISION CEO

When MUSC Health purchased Chester Medical Center and Lancaster Medical Center in 2019, we knew the services we were able to provide would have a great impact on the community. The number of lives that we've touched during this short time period is remarkable. Through our tripartite mission of education, research and patient care, we've been able to make a difference in the lives and health of so many Chester and Lancaster residents. Throughout COVID-19, MUSC Health has continued our pursuit of changing what's possible in health care. From research studies to new treatment options, we've been able to deliver transformational care to our patients.

To further support our dedication to improving health across the state of South Carolina, we conducted a community health needs assessment (CHNA) in our regional health network areas for the first time. While we are aware of the work that other community partners have done to assess and address health outcomes, this assessment has allowed MUSC Health to ensure that we are providing the care and services that our community needs. Patients, clinical experts, nonprofit organizations and community members shared their voices with us regarding the health needs of this area. The collective efforts from partners throughout Chester and Lancaster counties made the assessment possible and ensured it was comprehensive and captured the perspectives of diverse stakeholders.

We are excited to share the findings of this report, which will highlight several health issues that impact our region most. While MUSC cannot address these issues alone – we hope this assessment will inspire collective action among diverse community stakeholders – nonprofits, healthcare organizations, local and municipal government agencies, school districts, businesses, faith communities and individual citizens. Together, we can make a difference in our community!



J. Scott Broome, MHA, MAIS, FACHE

*Chief Executive Officer
MUSC Health Lancaster Division*



LETTER OF COMMUNITY COMMITMENT



Dear Fellow South Carolinians:

It has been a pleasure to engage with many individuals and organizations from the Chester and Lancaster communities since my arrival at MUSC Health. Many conversations have centered on the hospitals and the elevated services that we are able to provide as a part of the MUSC Health system.

To strengthen our ties to the community, we launched this community health needs assessment to determine the health needs of the patients and the communities we serve. This is an important tool for individuals, non-profits, the faith community, business leaders and elected officials – all people who live, work and play in this region. These findings can be used by each sector to establish priorities for decision making around the health and wellbeing of our communities. We are excited to share the findings of this assessment and to begin implementing ways to better support the health needs of our community.

While this assessment has been completed, the hard work of addressing these issues is just beginning. I look forward to leading the efforts in the Chester and Lancaster communities as MUSC Health evaluates ways that we can address what the community has shared. Through many of the relationships that were developed while conducting this assessment, MUSC Health is excited to partner with individuals and organizations to develop an action plan for our community. Our collective efforts will make a difference!

Portia M. Brown, MBA

*External Affairs & Strategic Engagement Lead
MUSC Lancaster Division*

MUSC HEALTH – LANCASTER DIVISION

In 2019, MUSC Health acquired two community hospitals in this region of the state -- MUSC Health Lancaster Medical Center (formerly Springs Memorial Hospital) and MUSC Health Chester Medical Center (formerly Chester Regional Medical Center). This was the health system's first time ever acquiring other hospitals, creating one of the largest health systems and employers in the state and the only comprehensive academic medical center.

MUSC Health Lancaster Medical Center is a 225-bed, all-private room facility with more than 120 physicians and care team members. Lancaster Medical Center offers acute care, diagnostic services, women's health, orthopedic services, cardiac services, general and laparoscopic surgery, rehabilitation, emergency treatment, wound care and more. Lancaster Medical Center is an Accredited Chest Pain Center as designated by The American College of Cardiology, as well as a Primary Stroke Center as designated by the Joint Commission. MUSC Health Chester Medical Center is an 82 licensed bed hospital and is the only hospital in Chester County.

GOALS

The goals of the assessment were to:

- Engage community members and key stakeholders from Chester and Lancaster counties that represent or serve low-income, minority and other underserved populations;
- Assess and understand the community's health issues and needs;
- Understand the health behaviors, risk factors and social determinants that impact health and wellness; and
- Identify existing community resources and explore opportunities for collaboration.

METHODOLOGY

PURPOSE

This report provides an overview of this region's health landscape as captured by the 2021 CHNA conducted by MUSC Health Lancaster Division. This report is designed for use by various audiences and provides data we hope is useful in supporting community health improvement efforts.

Healthy People 2020

The health topics included in the CHNA survey and referenced during qualitative data collection efforts were drawn from Healthy People 2020, a 10-year health improvement agenda developed by the U.S. Department of Health and Human Services. Healthy People 2020 sets data-driven national objectives to improve health and well-being over the next decade. The topics considered were:

- | | |
|-----------------------------------|------------------------------------------|
| • Access to Care | • Obesity, Nutrition & Physical Activity |
| • Clinical Preventive Services | • Oral Health |
| • Injury & Violence | • Reproductive & Sexual Health |
| • Maternal, Infant & Child Health | • Substance Misuse |
| • Mental Health | • Tobacco |

CHNA Data Collection Process

The primary data collection process began in April 2021 and concluded in May 2021 through a robust process including a community survey, focus group meetings, and interviews with key stakeholders. Data was synthesized to identify and prioritize the top healthcare issues perceived by the residents of the region using the US Department of Health and Human Services' Healthy People 2020 as a framework. Secondary data included demographic and public health statistics provided by US Census and SC Department of Health and Environmental Control (SCDHEC).

- Community surveys were collected throughout both counties and were made available in both English and Spanish.
- Key informant interviews were conducted with community stakeholders throughout both counties.
- Three focus groups were held in each county and included a diverse group of community members. The focus group locations were Chester Medical Center, Lancaster Medical Center, and the Indian Land YMCA.
- Interviews and focus group recordings were transcribed and coded for common themes.

COMMUNITY SURVEY & DEMOGRAPHICS

TOTAL PARTICIPANTS **1,283** SURVEYS **1,255** PAPER SURVEYS **145**
SPANISH SURVEYS **24** FOCUS GROUP PARTICIPANTS **18** KEY INFORMANT INTERVIEWS **10**

In addition to online surveys, paper surveys were made available through the community partners listed in the acknowledgements section of this report - ensuring individuals without access to internet or a smart phone could participate. Below is a summary of respondent demographics.

SURVEY PARTICIPANTS BY RACE/ETHNICITY

67.66%	White or Caucasian
18.54%	Black or African American
4.49%	Hispanic or Latino
4.82 %	Asian or Asian American
1.66%	Native Hawaiian or other Pacific Islander
1.08%	Other / Multiracial
1.00%	American Indian or Alaska Native
0.75%	Prefer Not to Answer

SURVEY PARTICIPANTS BY EDUCATION

31.43%	High school degree or equivalent (e.g. GED)
21.76%	Bachelor's Degree
19.58%	Some college but no degree
10.00%	Less than high school degree
8.99%	Graduate degree
7.39%	Associate Degree
0.84%	Prefer Not to Answer

SURVEY PARTICIPANTS BY AGE

34.53%	25-34
19.87%	35-44
18.52%	18-24
7.38%	55-64
7.21%	45-54
6.20%	65-74
3.77%	75-84
1.68%	85+
0.5%	Under 18
0.34%	Prefer Not to Answer

SURVEY PARTICIPANTS BY INCOME

9.59%	Under \$15,000
25.65%	Between \$15,000 and \$29,999
21.11%	Between \$30,000 and \$49,999 (Median Income - \$49,641.50)
11.44 %	Between \$50,000 and \$74,999
12.28%	Between \$75,000 and \$99,999
9.67%	Between \$100,000 and \$149,999
5.05%	Over \$150,000
5.21%	Prefer Not to Answer

HEALTH TOPIC RANKINGS

Survey respondents were asked to rank the top 10 health topic areas from Healthy People 2020 that impact the communities in which they live and/or work from 1 (most concerning) to 10 (least concerning). The top five health topic areas prioritized by the community will be the focus of health improvement efforts going forward.

1. Mental Health
2. Obesity, Nutrition & Physical Activity
3. Maternal, Infant & Child Health
4. Access to Care
5. Oral Health
6. Clinical Preventative Services
7. Sexual Health
8. Injury & Violence
9. Substance Misuse
10. Tobacco Use

SURVEY PARTICIPANTS BY GENDER

56.92%	Female
39.11%	Male
1.74%	Transgender
1.49%	Nonbinary / Gender-fluid
0.74%	Prefer Not to Answer

DEMOGRAPHICS & HEALTH LANDSCAPE

MUSC Health Lancaster Medical Center and MUSC Health Chester Medical Center serve patients from four counties: Chester, Fairfield, Lancaster, and York Counties - all located within the Piedmont region of South Carolina. Demographics and associated social determinants of health statistics for each will be clustered within its respective region.



A total of 431,348 people live in the 2,497 square mile area assessed according to the U.S. Census Bureau. Compared to the state, the Piedmont region has a lower percentage of people of color and older residents.



Source: US Census, 2021

LAND AREA IN SQ. MILES	581	686	549	681	30,061
POPULATION PER SQ. MILE	57.1	34.9	139.6	332.2	153.9
TOTAL POPULATION	32,124	22,289	103,966	295,373	5,118,425
GENDER (%)					
MALE	48.1	47.8	48.6	48.2	48.4
FEMALE	51.9	52.2	51.4	51.8	51.6
RACE/ETHNICITY (%)					
WHITE	60.1	40.1	75.1	74.8	68.6
BLACK	36.8	57.0	21.4	19.3	27.0
AMERICAN INDIAN AND ALASKAN NATIVE	0.5	0.4	0.3	0.8	0.5
ASIAN	0.5	0.7	1.6	2.8	1.8
OTHER	2.1	1.8	1.6	2.3	2.1
HISPANIC/LATINO	2.2	2.4	5.9	5.9	6.0
PERSONS 65 YEARS AND OVER (%)	19.2	22.4	21.4	14.7	18.2

Compared to the state, the Piedmont region has a comparable economic, environmental and healthcare metrics.

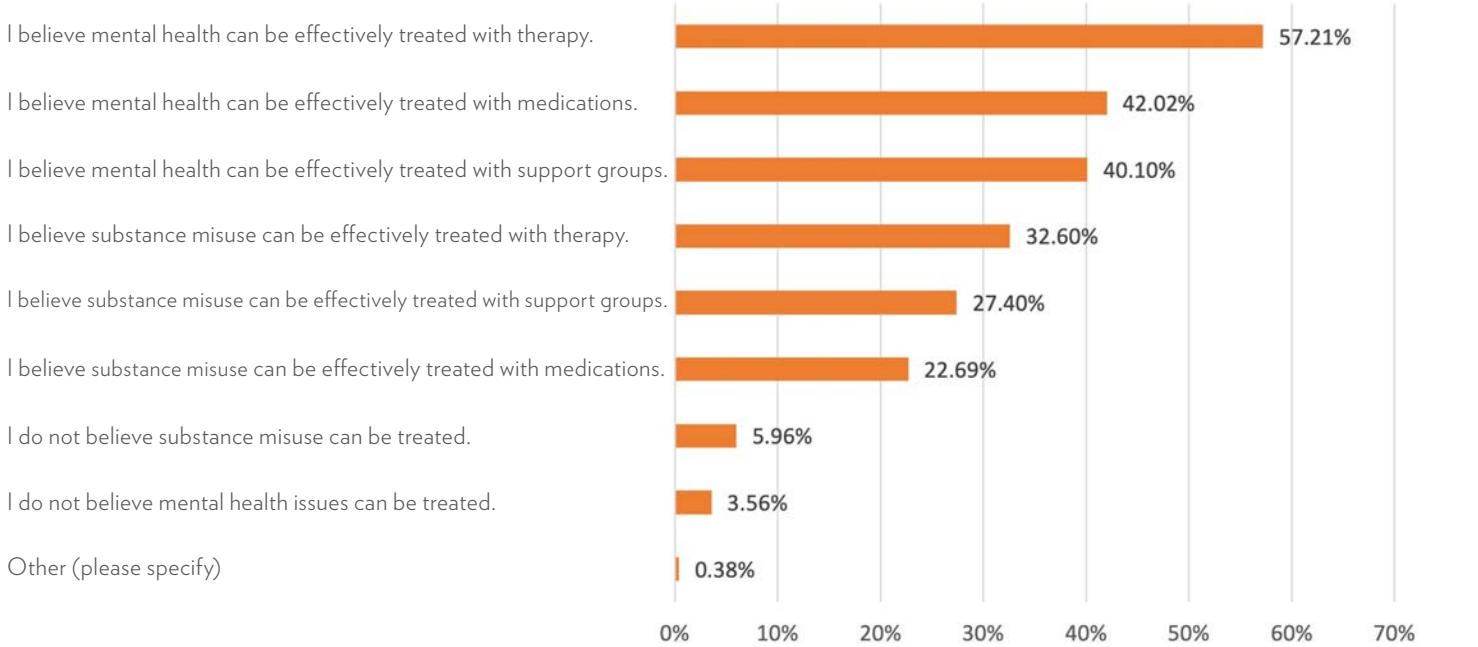
SOCIAL DETERMINANT OF HEALTH INDICATOR	INDICATOR DEFINITION	PIEDMONT REGION	SOUTH CAROLINA
ECONOMIC STABILITY	POVERTY	% POPULATION BELOW 100% FEDERAL POVERTY LEVEL	14.3
	EMPLOYMENT	% OF THE COUNTY'S CIVILIAN LABOR FORCE, AGE 25 AND OLDER, THAT IS EMPLOYED	57.1
	HOME OWNERSHIP	% OCCUPIED HOUSING UNITS THAT ARE OWNED	75.8
	MEDIAN HOUSEHOLD INCOME	INCOME WHERE HALF OF HOUSEHOLDS IN A COUNTY EARN MORE AND HALF OF HOUSEHOLDS EARN LESS	\$51,216.25
	BROADBAND INTERNET SUBSCRIPTION	% HOUSEHOLDS WITH BROADBAND INTERNET SUBSCRIPTION	71.5
	VIOLENT CRIME	# VIOLENT CRIMES REPORTED PER 100,000 POPULATION	419.8
NEIGHBORHOOD AND PHYSICAL ENVIRONMENT	HIGH SCHOOL GRADUATION	% HIGH SCHOOL GRADUATE OR HIGHER	86.3
	FOOD INSECURITY	% POPULATION WHO DO NOT HAVE ACCESS TO A RELIABLE SOURCE OF FOOD DURING THE PAST YEAR	12.0
	DISABILITY	% PERSONS LIVING WITH A DISABILITY UNDER AGE 65	10.3
	UNINSURED	% POPULATION WITHOUT HEALTH INSURANCE	12.0
	LIFE EXPECTANCY	AVERAGE NUMBER OF YEARS A PERSON CAN EXPECT TO LIVE	75.7
	PHYSICAL INACTIVITY	% ADULTS AGED 20 AND OVER REPORTING NO LEISURE-TIME PHYSICAL ACTIVITY IN THE PAST MONTH	29.8
HEALTHCARE SYSTEM	PRIMARY CARE PHYSICIANS RATIO	THE RATIO OF THE POPULATION TO PRIMARY CARE PHYSICIANS	2,815:1
			1,490:1

EXAMINING THE ISSUE - MENTAL HEALTH

About half of all people in the United States will be diagnosed with a mental disorder at some point in their lifetime (Centers for Disease Control and Prevention, 2018). In 2019, an estimated 4.89% of South Carolina adults, over the age of 18, suffered from a serious mental illness (National Survey on Drug Use & Health, 2019).

For states with higher rates of access to care for mental illness, there are 270 people for every mental health provider. Across the state of South Carolina, that number ranges from 7,280 to 280 people per mental health provider. This region has a poorer supply of mental health providers than the state average, with a range of 2,150 to 580 people per mental health provider (County Health Rankings, 2021). Research has proven that adults and children with undiagnosed and untreated mental health issues are at higher risk for unhealthy and unsafe behaviors. Behaviors like alcohol or drug abuse, violent or self-destructive behavior, and suicide have been noted as measurable indicators of a community's mental health.

When it comes to mental health and substance misuse: (All respondents)

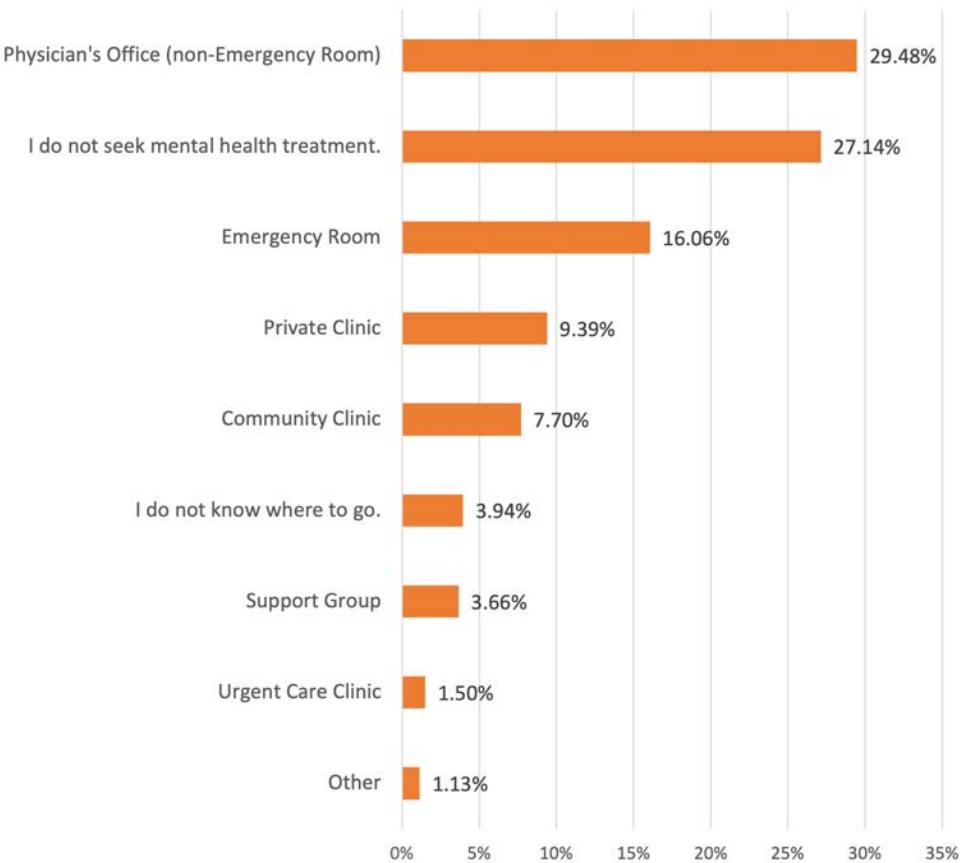


Ratio of Mental Health Providers by County, 2021

Chester:	2,150:1
Lancaster:	2,040:1
South Carolina:	550:1
National:	380:1

EXAMINING THE ISSUE - MENTAL HEALTH

Where would you go for routine mental health care/treatment? (All respondents)



Rebound Behavioral Health Hospital provides comprehensive treatment for adults who have been struggling with mental health disorders, substance use disorders, or dual diagnosis. The hospital is a safe and welcoming environment where adults receive personalized care in an atmosphere of dignity and respect..

COMMUNITY SPOTLIGHT REBOUND BEHAVIORAL HEALTH HOSPITAL

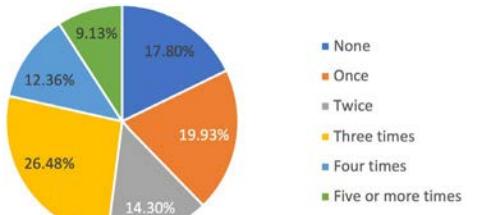
The Inpatient Program is an intensive, short-term, round-the-clock experience focused on behavioral health as well as substance use disorders. This program is designed to rapidly identify treatment strategies to promote recovery and to provide the initial stabilization needed to return to work, home, family or other community placement.

The Partial Hospitalization Program, or PHP, provides full days of structured clinical services, including multiple types of therapy for mental health or substance use disorders. This program is designed for adults who do not need 24/7 support.

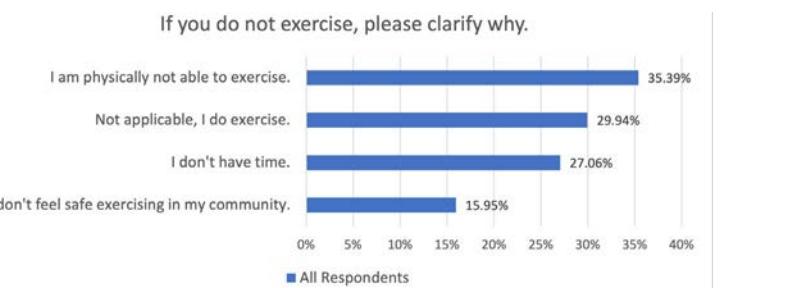
EXAMINING THE ISSUE – OBESITY, NUTRITION & PHYSICAL ACTIVITY

Diet, exercise and weight management are the foundations of health and wellness. A healthy balance of each greatly contributes to improved health outcomes and decreased health risks. According to County Health Rankings, 34% of adults in South Carolina are obese, this is 2% lower than the Healthy People 2030 target. However, Chester (43%) and Fairfield (45%) exceed the state's average and national goal. Lancaster (32%) and York (32%) fall below the state.

Only 48% of respondents reported exercising or being physically active outside of work/school three or more times in the past week.

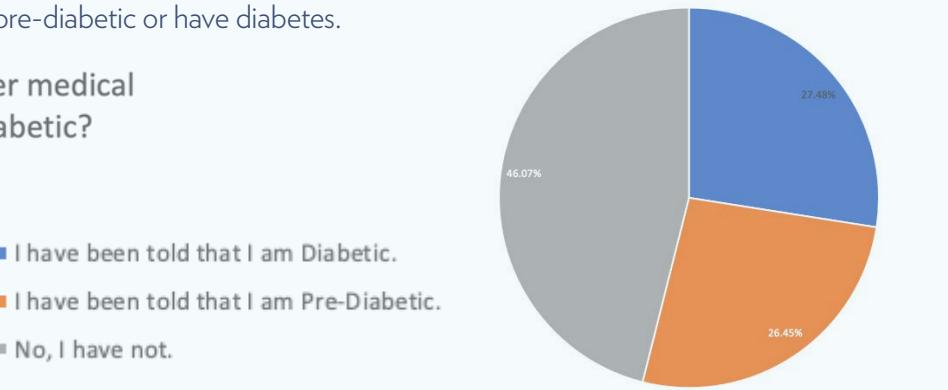


Physical inability (35.4%), time (27.1%) and safety (16.0%) were cited as barriers.



Diabetes Prevalence - Nearly 54% of respondents are pre-diabetic or have diabetes.

Have you ever been told by a physician or other medical professional that you are diabetic or pre-diabetic?
(All Respondents)



“We don't have a lot of access to parks, recreation. You know there are organized sports for kids, but not a lot for older people. So, I'd say that's a big issue.”

Chester Focus Group Participant

COMMUNITY SPOTLIGHT GRASP



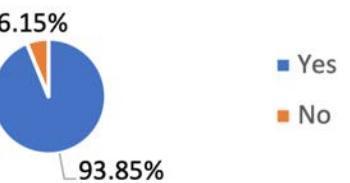
Great Falls Referral and Assistance Service Project (GRASP) is a non-profit organization located in Great Falls, South Carolina. GRASP strives to make a significant and positive impact on our community by lifting up those who are struggling. Through the work of dedicated staff and volunteers, GRASP provides quality services to those in need through hunger relief, utility assistance,

prescription assistance, resource referrals, and a thrift shop where people can purchase clothing and household items at deeply discounted prices. We treat each client who walks through our doors with dignity and respect, bearing in mind that we

do not know what has brought them to this point. Individuals and families who cannot meet their basic needs have difficulty working towards larger goals and maintaining quality health. In addition, GRASP is a service provider for the Duke Energy Carolinas Income-qualified Weatherization Program, helping clients who qualify with weatherization of homes, replacement of refrigerators and HVAC systems.

FOOD INSECURITY

Have you had enough food to eat and/or been able to provide enough food for your family during the last seven days? (All respondents)



Just over 6 % of survey respondents suffer from food insecurity.

“I believe that providing quality services and resources to individuals and families in need is vital to maintaining a healthy and thriving community.”

Shelley Price, Executive Director

EXAMINING THE ISSUE – MATERNAL, INFANT & CHILD HEALTH

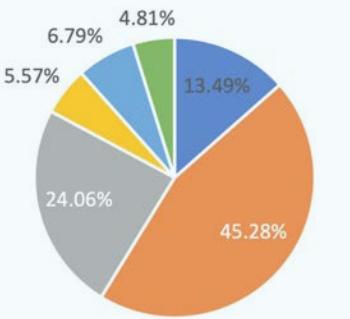
The health of a community's women and children are essential to growth and will predict the future's public health strengths and challenges. Healthy People 2030 recognizes adequate prenatal care and birth outcomes as two strong indicators of infant death and disability. The Piedmont region shares the infant mortality rate of the state at 7.0 per 1,000 live births. However, Chester County has a significantly higher rate that doubles the state at 15.2 per 1,000 live births. Fortunately, MUSC Health has a nationally recognized children's hospital with comprehensive services to care for the region's sickest children, MUSC Shawn Jenkins Children's Hospital.

In 2019, 1 in 9 babies (11.5% of live births) was born preterm in South Carolina.⁴

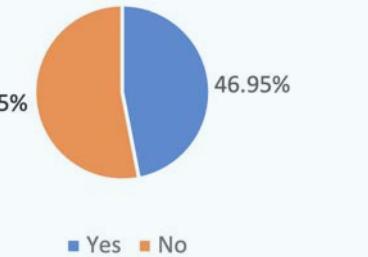


More than 41% of the survey respondents indicated they were pregnant in the past 12 months.

Have you been pregnant in the past twelve (12) months? (All Respondents)



Do you have any children between the ages of zero (0) and three (3) years old? (All Respondents)



- Not applicable
- No
- Yes, but I wanted to become pregnant sooner.
- Yes, but I wanted to wait until later to become pregnant.
- Yes, and I wanted to be pregnant then.
- Yes, but I did not want to be pregnant then, or any time in the future.

There is access to quality pediatric physicians across the MUSC Health – Lancaster Division.

Pediatric and Obstetrics and Gynecology providers are listed below.

Pediatrics:

- MUSC Children's Health Primecare Pediatrics – Lancaster
834 West Meeting Street, Medical Arts Building 4, Suite A, Lancaster, SC 29720, 803-285-1111
- MUSC Children's Health Pediatrics – Lancaster
834 West Meeting Street, Medical Arts Building 4, Suite C, Lancaster, SC 29720, 803-285-2700
- MUSC Children's Health Pediatrics – Chester
1 Medical Park Dr., Building 3, Suite A, Chester, SC 29706, 803-581-2400

Obstetrics & Gynecology:

- MUSC Women's Health – Lancaster
834 West Meeting Street, Medical Arts Building 4, Suite E, Lancaster, SC 29720, 803-285-5900
- MUSC Women's Health – Chester
1 Medical Park Dr., Medical Office Building 1, Suite C, Chester, SC 29706, 803-285-5900

Reach out today to schedule an appointment with MUSC Health in Chester or Lancaster!

COMMUNITY SPOTLIGHT Lancaster County First Steps



Since 1999, Lancaster County First Steps has helped parents and families in Lancaster County prepare children to enter school healthy and ready to learn. Part of the statewide South Carolina First Steps network, LCFS provides high quality early childhood programs and services that meet the specific needs of the local community. Programs such as Early Head Start, Incredible Years® Parenting, First Steps 4K, Countdown to Kindergarten, and the Dolly Parton Imagination Library ensure children and families have access to high quality early childhood education, literacy programs and parenting support from birth to age 5. First Steps also provides intensive training, financial resources and professional development opportunities for local childcare providers to increase the quality of their services. Through strategic partnerships with community nonprofits and service providers, state and Federal government, and local municipalities and businesses, LCFS leverages public and private resources to educate the community on the importance of early childhood education and to enhance and expand high quality early childhood services and programs for all children.

EXAMINING THE ISSUE – ACCESS TO CARE

According to Healthy People 2020, “a person’s ability to access health services has a profound effect on every aspect of his or her health”. South Carolina is one of the 20 states that did not expand Medicaid, and 13% of South Carolinians are still uninsured. Many South Carolinians do not have a primary care provider or health center where they can receive routine medical care. When routine medical care and preventive measures are neglected, risk for serious, acute conditions and expensive medical expenses rise considerably. Although the Piedmont region’s uninsured rate is one percentage point less than the state, there is room to improve.

TOP 5 BARRIERS TO ACCESSING SERVICES

1. Unsure when to see a doctor (20.8%)
2. Work schedule (15.3%)
3. Unsure how to access healthcare services (14.2%)
4. Fear (10.3%)
5. Cannot afford co-pay or deductibles (9.3%)

62.2% of respondents reported having issues accessing healthcare screening or services.

About 23.7% of respondents are receiving routine care at an urgent care clinic, emergency room or a clinic in a grocery or drug store.

PRIMARY CARE PRACTICES

Chester County

- Lowrys Primary Care, 517 Doctors Court, Chester, SC 29706, 803-581-2800
- Primary Care – Great Falls, 308 Chester Avenue, Great Falls, SC 29055, 803-482-2129
- Primary Care – Richburg, 3909 Lancaster Highway, Richburg, SC 29729, 803-789-5221

Lancaster County

- Primary Care – Indian Land, Carolina Commons, 6277 Carolina Commons Drive, Indian Land, SC 29707, 803-396-0245
- Primary Care – Lancaster, 201 West Meeting Street, Lancaster, SC 29720, 803-286-4666

The MUSC Health – Lancaster Division has primary care practices located in **Chester** and **Lancaster** counties.

Call today to schedule your appointment.

COMMUNITY SPOTLIGHT ARRAS FOUNDATION



The MUSC Health – Lancaster Division has also increased access to specialty doctors in this region.

The following specialties are available to serve patients in our community:

*Anticipated in early 2022

- Anesthesiology
- Cardiology
- Emergency Medicine
- Gastroenterology
- General Surgery
- Hematology and Oncology
- Hospitalist Medicine
- Intensivist Medicine
- *Interventional Radiology
- Nephrology
- Neurology – General, Epilepsy, Sleep Medicine
- Obstetrics and Gynecology
- Orthopedics – General, Sports Medicine Hand & Upper Extremity
- Ophthalmology
- Otolaryngology
- Pain Management
- Podiatry
- Primary Care – Internal Medicine, Family Medicine, Pediatrics
- Pulmonology
- Rehabilitation
- *Renal Transplant – Transplant Nephrology and Transplant Surgery
- Telemedicine – Critical Care, Infectious Disease, Palliative Care, Psychiatry, Neurology, Stroke
- Urology
- Wound Care

Since 1995, the Arras Foundation has been dedicated to growing a healthier community together with all who live in the communities of Fort Lawn, Great Falls, and Lancaster County. Building on the collective wisdom of all the people who live within those communities, all efforts and initiatives of the Foundation are designed with community input. The Arras Foundation seeks to work together with people, places, and organizations in order to build a community where everyone can reach their full potential and thrive.

“I’m serving primarily the Medicare and Medicaid population. I think that they need access to not only primary care providers but specialists in this area, so that they can have specific diseases monitored and taken care of closer to home.”

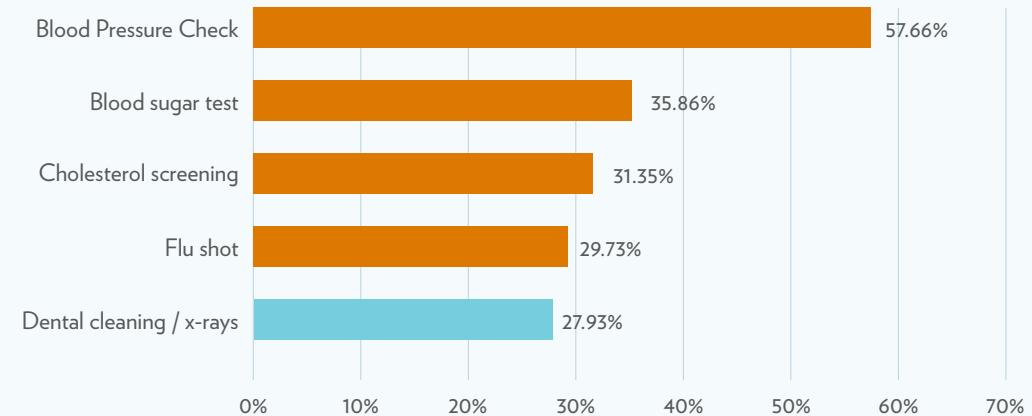
Key Informant Interview Participant

EXAMINING THE ISSUE – ORAL HEALTH

The human mouth is the gateway to health. It can show signs of deficiencies and infections, and poor oral health can contribute to and exacerbate existing conditions like diabetes, heart disease, and stroke. South Carolina averages 1,770 people for every dentist. However, residents of this region have a far harder time finding a dentist, with there being 6,450 people for every dentist in Chester county and 2,970 people for every dentist in Lancaster county.

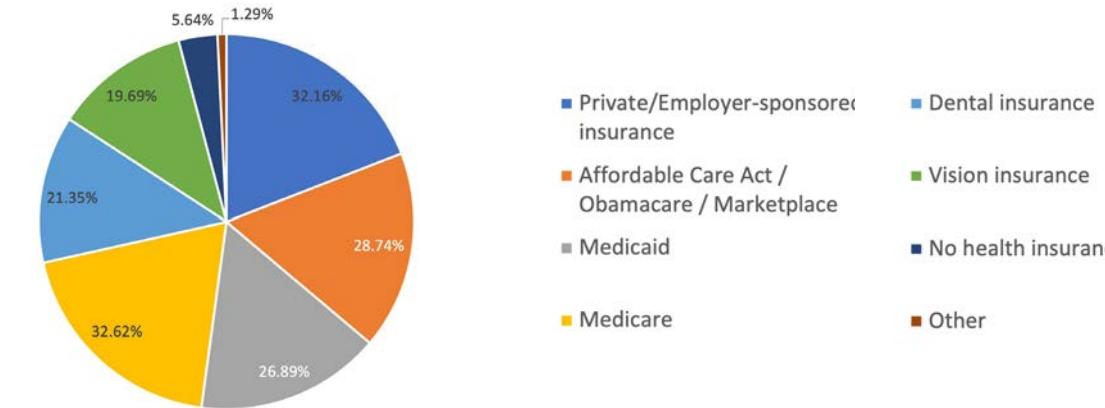
27.9 % of respondents classified dental cleaning or x-rays as one of the top screening services in this region.

Top Five Screening Services (non-provider)



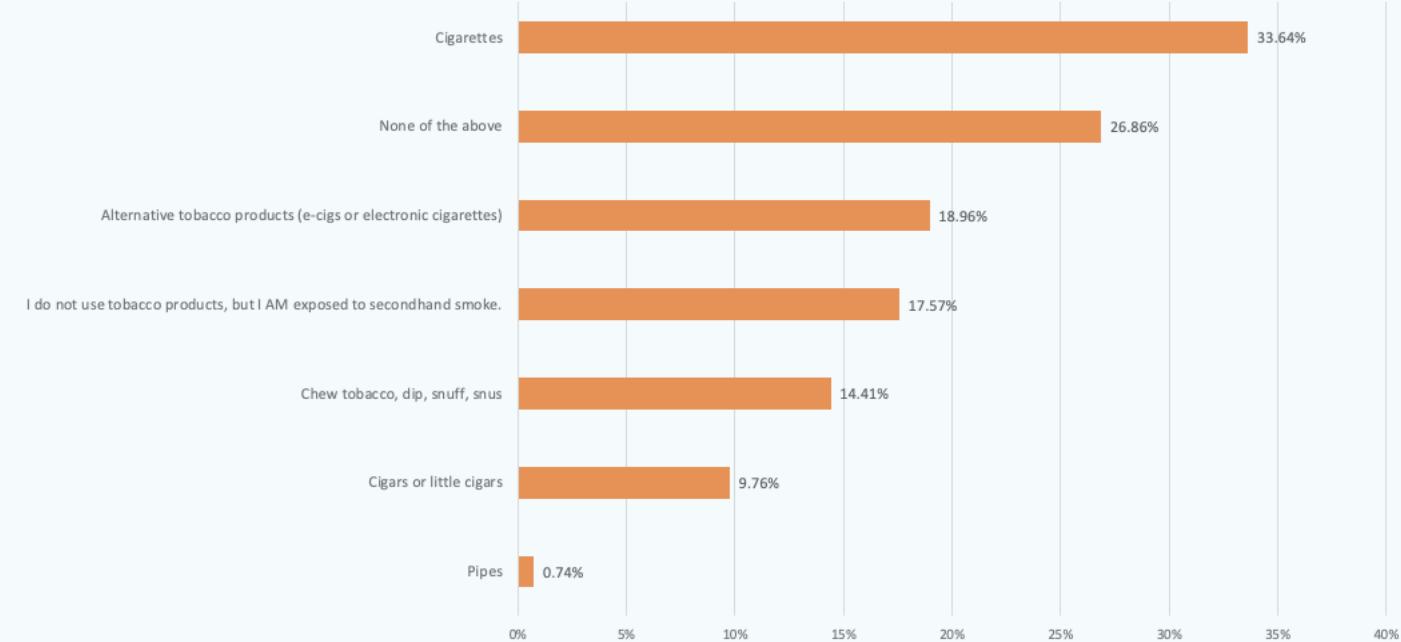
23.9% of respondents indicated that they have had a dental cleaning or x-rays in the past 12 months.

21.4% of respondents indicated that they have dental insurance.



Cigarettes, smokeless tobacco and other forms of tobacco also cause issues such as tooth loss, oral diseases and even cancers (CDC & Prevention: Oral Health, 2021).

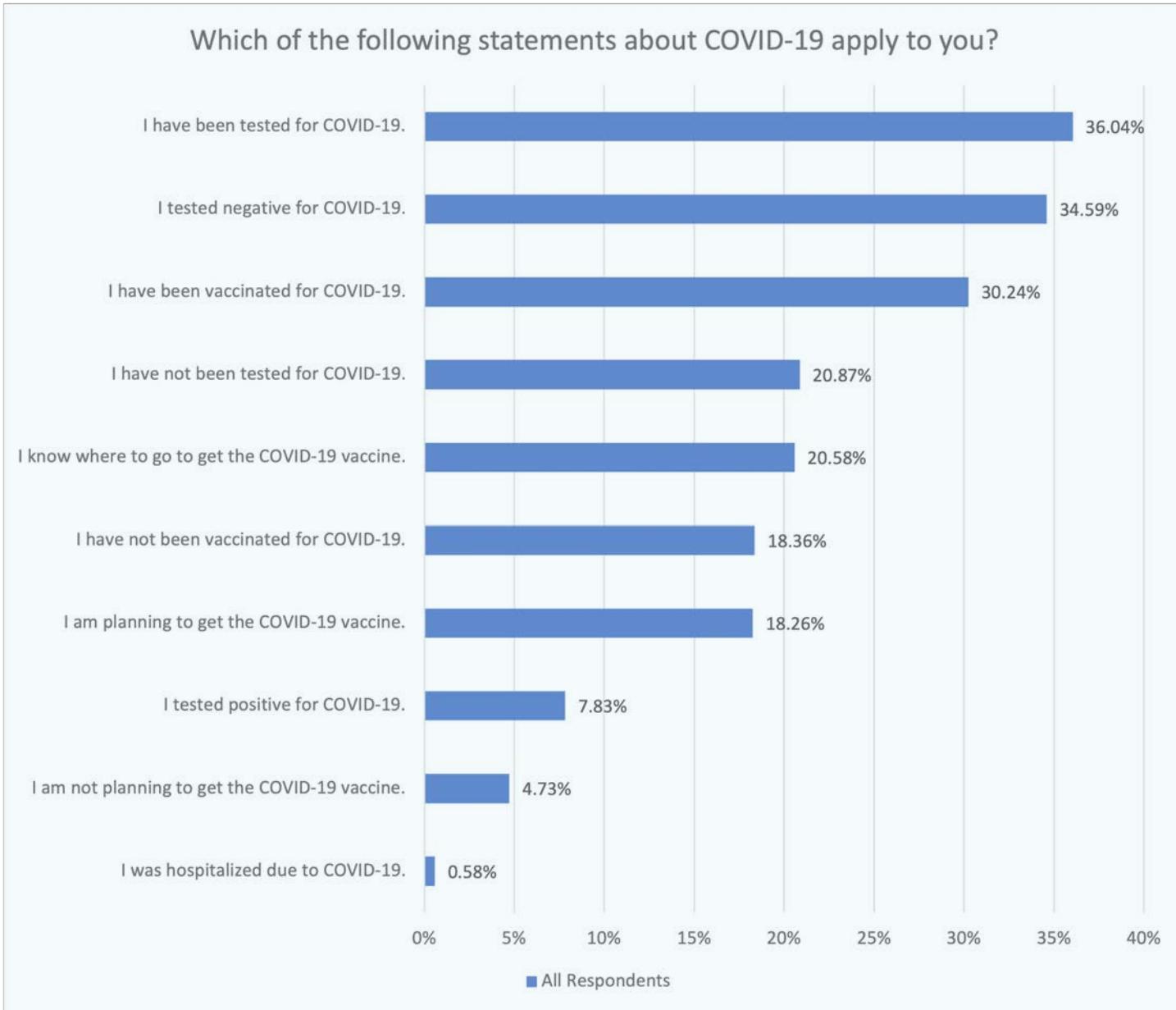
I use the following tobacco products: (All Respondents)



15.9% of respondents shared that quitting smoking or other tobacco products was a type of health screening important to keeping them healthy. Of the survey respondents, 30.9% shared that they have had lung cancer screening previously. The MUSC Health – Lancaster Division recently began offering lung cancer screening and a smoking cessation program. With the high prevalence of smoking in both Chester and Lancaster counties, it is important that our community is aware of and take advantage of this service by discussing this with their primary care provider.

EXAMINING THE ISSUE – COVID-19

Since March 2020, the COVID-19 pandemic has had a major impact on everyone around the world. For residents of Chester and Lancaster counties, and beyond, MUSC Health has taken steps to ensure patients are able to manage their healthcare needs by providing access to testing and vaccinations for COVID-19 throughout the community.



Whether through testing, vaccine administration, monoclonal antibody treatment or hospitalization, MUSC Health is committed to serving our community throughout the COVID-19 pandemic.

OPPORTUNITIES FOR ACTION

A combination of time, resources and dedicated community members will be necessary to address the various issues that have been identified in this report. Collaborative partnerships will be key to address these issues and ensure that Chester and Lancaster are healthier counties.

WHAT YOU CAN DO

- Share data findings from the 2021 CHNA with local elected officials, community leaders and within your social networks.
- Use the *Examining the Issue* sections to guide specific actions that you or your organization can address.
- Participate in community networks and coalitions that are working towards improving the health outcomes of Lancaster and Chester counties.
- Seek additional input from community members and engage them in developing appropriate materials and programs.
- Request the 2021 CHNA data file from the MUSC Health Lancaster Division so that you or your organization can analyze the data further and determine health strategies and programming to offer in the community.

THE WAY FORWARD

The MUSC Health – Lancaster Division views this 2021 CHNA as a demonstration of our commitment and support of the community to improve health outcomes for the residents of Chester and Lancaster counties. We work hard every day to be a place of healing, caring, and connection for patients and families in the community we call home. MUSC looks forward to playing a critical role in the next steps and action plan the community develops as a result of this report.

MONITORING ACTIVITIES & PROGRESS

The MUSC Health – Lancaster Division is seeking partnering organizations that will be committed to sharing and monitoring the progress of activities that are implemented both independently and collaboratively in response to the 2021 CHNA findings. It is our hope that the CHNA data will inform the activities that are selected in connection with the strategic priorities of each respective organization. MUSC Health is committed to sharing progress, identifying and addressing challenges and continuously improving the quality of activities being conducted within our organization as well as through community partnerships.

END NOTES

- Centers for Disease Control and Prevention. (2018). Mental Health: Data and Publications.
https://www.cdc.gov/mentalhealth/data_publications/index.htm
- 2018-2019 National Survey on Drug Use and Health. (2019). State Specific Tables.
<https://www.samhsa.gov/data/report/2018-2019-nsduh-state-specific-tables>
- Healthy People 2020. (2021). About Healthy People.
<https://www.healthypeople.gov/2020/About-Healthy-People>
- County Health Rankings. (2021). Chester & Lancaster Counties.
<https://www.countyhealthrankings.org/>
- Healthy People 2030. (2021). Objectives & Data.
<https://health.gov/healthypeople>
- SC Department of Health and Environmental Control. (2021). Public Health Statistics and Information Services.
<https://apps.dhec.sc.gov/Health/scan/scan/index.aspx>
- Centers for Disease Control and Prevention. (2021). Oral Health.
<https://www.cdc.gov/oralhealth/fast-facts/index.html>
- World Population Review. (2021). Population of Counties in South Carolina.
<https://worldpopulationreview.com/us-counties/states/sc>

ABOUT MUSC | MUSC HEALTH

Founded in 1824 in Charleston, MUSC is home to the oldest medical school in the South as well as the state's only integrated academic health sciences center, with a unique charge to serve the state through education, research and patient care. Each year, MUSC educates and trains more than 3,000 students and nearly 800 residents in six colleges: Dental Medicine, Graduate Studies, Health Professions, Medicine, Nursing and Pharmacy. MUSC brought in more than \$271 million in biomedical research funds in fiscal year 2020, continuing to lead the state in obtaining National Institutes of Health funding, with more than \$129.9 million. For information on academic programs, visit musc.edu.

As the clinical health system of the Medical University of South Carolina, MUSC Health is dedicated to delivering the highest quality and safe patient care while training generations of compassionate, competent health care providers to serve the people of South Carolina and beyond. Close to 25,000 care team members provide care for patients at 14 hospitals with approximately 2,500 beds and 5 additional hospital locations in development, more than 300 telehealth sites and nearly 750 care locations situated in the Lowcountry, Midlands, Pee Dee and Upstate regions of South Carolina. In 2021, for the seventh consecutive year, U.S. News & World Report named MUSC Health the No. 1 hospital in South Carolina. To learn more about clinical patient services, visit muschealth.org.

MUSC and its affiliates have collective annual budgets of \$4.4 billion. The more than 25,000 MUSC team members include world-class faculty, physicians, specialty providers and scientists who deliver groundbreaking education, research, technology and patient care.