

Dear Community Resident:

Self Regional Healthcare welcomes you to review this document as we strive to meet the health and medical needs in our community. All not-for-profit hospitals are required to develop this report in compliance with the Affordable Care Act.

The “2016 Community Health Needs Assessment” identifies local health and medical needs and provides a plan to indicate how SRH will respond to such needs. This document suggests areas where other local organizations and agencies might work with us to achieve desired improvements and illustrates one way we, SRH, are meeting our obligations to efficiently deliver medical services.

SRH will conduct this effort at least once every three years. As you review this plan, please see if, in your opinion, we have identified the primary needs and if our intended response should make appropriate needed improvements.

We do not have adequate resources to solve all the problems identified. Some issues are beyond the mission of the hospital and action is best suited for a response by others. Some improvements will require personal actions by individuals rather than the response of an organization. We view this as a plan for how we, along with other organizations and agencies, can collaborate to bring the best each has to offer to address the more pressing identified needs.

The report is a response to a federal requirement of not-for-profit hospital's to identify the community benefit it provides in responding to documented community need.

Please think about how to help us improve the health and medical services our area needs. I invite you to respond to this report. We all live and work in this community together and our collective efforts can make living here more enjoyable and healthier.

Thank you.



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## Background

Self Regional Healthcare began as Self Memorial Hospital in 1951 and was built to be one of the most advanced hospitals in the country. Local business leader and philanthropist James C. Self personally oversaw the construction and recruited top physicians from across the country.

By Act 1554 of 1968, the State Legislature established Greenwood County Hospital Board (the "Board"). In 1969 the Trustees of Self Memorial Hospital conveyed the hospital facilities to Greenwood County which leased them to the Board by long term lease. The Board (appointed by the governor) operates Self Regional Healthcare as a governmental hospital.

Mr. Self's commitment to advanced care with leading-edge technology continues today. Self Regional Healthcare has grown into a major referral and medical center that provides advanced healthcare services to a population of more than a quarter of a million people.

This document provides a summary of Self Regional Healthcare's plan to develop new, and enhance existing, community benefit programs and services. This plan is focused on addressing and building upon the top community health priorities identified in the 2013 Community Health Needs Assessment (CHNA) conducted by Self Regional Healthcare.

**Vision:**

The care, experience and value we provide will be superior for all the communities we are entrusted to serve.

**Mission:**

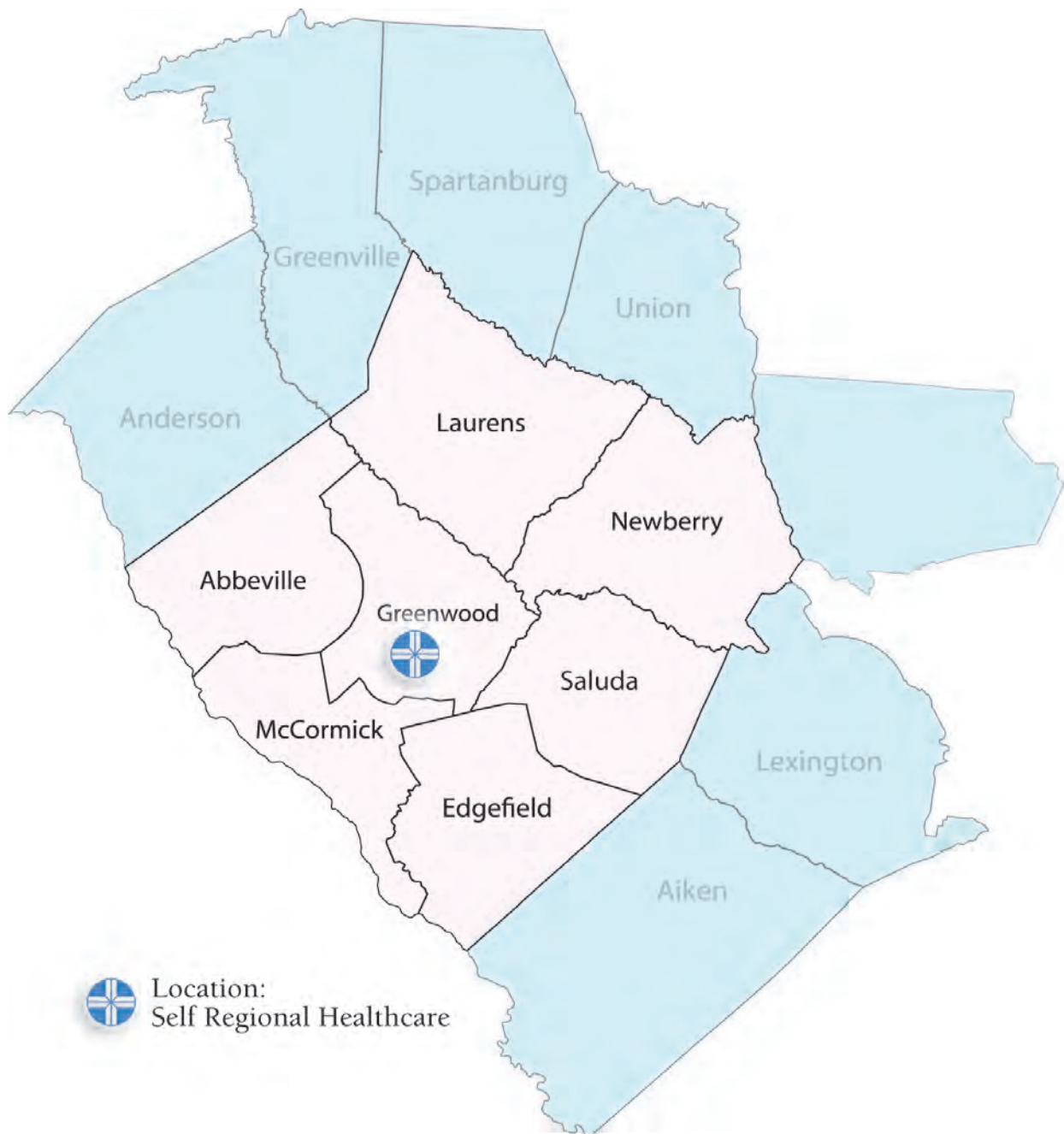
Our hearts, hands and minds are leading our communities to better health.

**Purpose:**

Always create the best experience.

## Communities Served

Self Regional Healthcare's (SRH) service area is defined as the seven counties in western South Carolina known as the Lakelands region. The counties include Greenwood, Laurens, Edgefield, Abbeville, Newberry, McCormick and Saluda. A majority of SRH's patient origin is encompassed within this geographical area. Using county definitions as the service area is crucial for our analysis as many of our secondary data sources are county specific and serve as a comparison tool to other counties, the state of South Carolina and the United States. Also, many of our community input sources consider these seven counties their primary service area. These include public health officials, as well as many different community advocacy groups with whom SRH has relationships.



## Process and Methodology

Self Regional Healthcare identified community health needs by undergoing an assessment process. This process incorporated a comprehensive review by the Hospital's Prevention and Wellness Team along with secondary and primary data input using the expertise of local partners and community health agencies. The team used several sources of quantitative health, social and demographic data specific to the Lakelands provided by local public health agencies, health care associations and other data sources.

The assessment process consists of five steps pictured below:



## Data Assessment Findings Secondary Data



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 2020 was selected to continue guidance in secondary data gathering and also community input. The framework was used in SRH’s 2013 Community Health Needs Assessment and utilizing the same framework provides consistency in future

CHNAs. Healthy People 2020’s mission is outlined below:

- Identify nationwide health improvement priorities.
- Increase public awareness and understanding of the determinants of health, disease, disability and the opportunities for progress.
- Provide measurable objectives and goals that are applicable at 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.

Within this framework, 12 Topics were chosen as “Leading Health Indicators”. These topics guide discussion and research related to this CHNA.



The data assessment piece of the CHNA process was completed in 2016 and included data tables, graphs and maps from various sources widely available. These data elements were used to identify at-risk populations, underserved populations, health need areas and possible areas of improvement. A summary of findings was then created to highlight areas of need within the service area. The full report is available on the Self Regional website at [www.selfregional.org](http://www.selfregional.org).

### **Sources Used in Data Assessment Process**

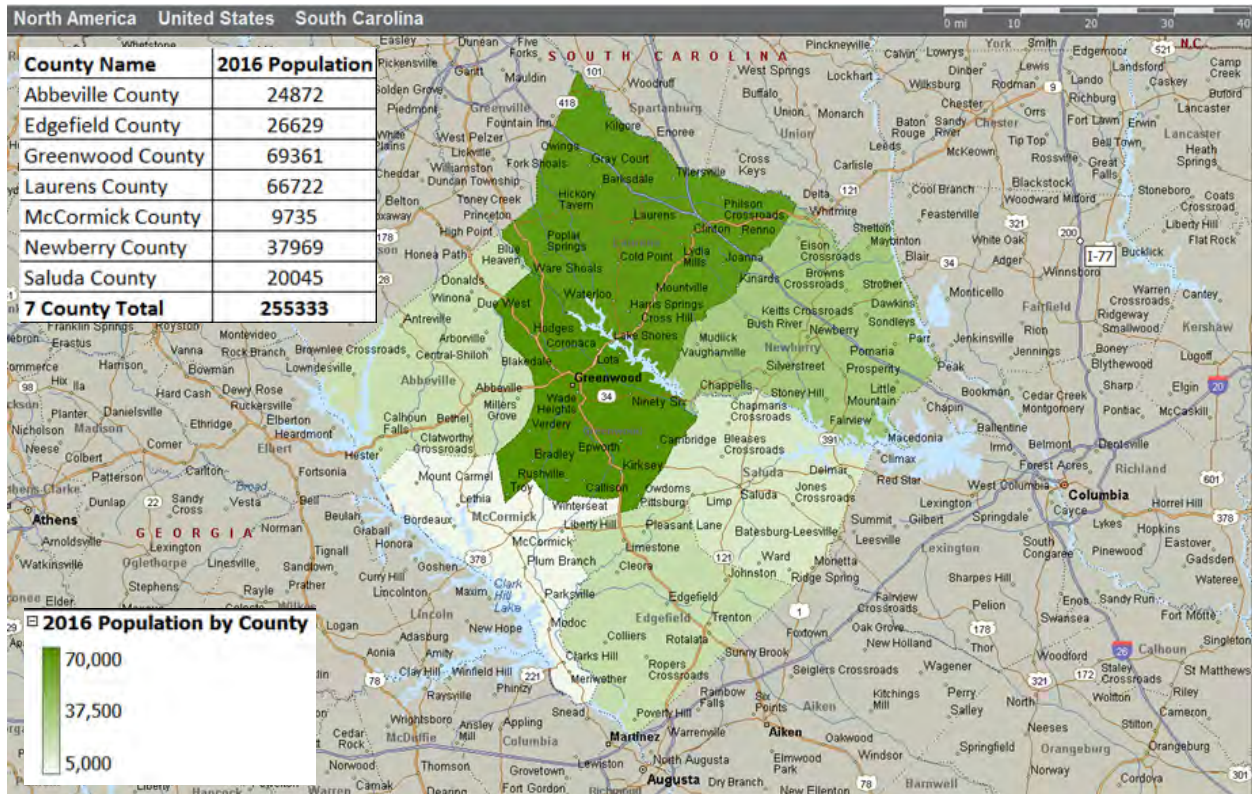
**Community Commons:** Community Commons is a public website that provides data, tools and stories to improve communities and inspire change. Ninety percent of the secondary data was found on the Community Commons site. The site provides data and mapping capability to develop community health needs assessments.

**Nielsen Claritas:** Nielsen Claritas demographics were used to create maps and tables of total population and breakdowns of certain other population segments. This information was pulled for all seven counties in the Self Regional Healthcare service area. 2016 and projected 2021 demographics were included.

**2016 County Health Rankings:** This source is a collaboration between the Robert Wood Johnson Foundation and the University of Wisconsin Population Health Institute. It gives a general snapshot of how healthy each county is in relation to others in the same state. It measures and ranks both health outcomes and health factors that lead to those outcomes. Each indicator is weighed, standardized and ranked in order to come up with an overall ranking of health for each county in South Carolina.

**The Advisory Board Company:** The Inpatient and Outpatient Estimators were used at a county level to estimate utilization by disease state over the next five years.

## Demographic Summary: (All data sourced from Neilson Claritas)



### Self Regional 7 County Service Area

Age Groups	2016 Male Population	2019 Male Population	2014-2019 Male Population Growth	2014 Female Population	2019 Female Population	2014-2019 Female Population Growth
0-20	33928	33799	-0.38%	32317	32328	0.03%
21-44	37158	37888	1.96%	35959	35958	0.00%
45-64	33751	32421	-3.94%	35370	34080	-3.65%
65+	20610	23655	14.77%	26240	29620	12.88%
Total	125447	127763	1.85%	129102	131986	2.23%

Race	Abbeville	Edgefield	Greenwood	Laurens	McCormick	Newberry	Saluda
White	69.70%	60.90%	65.10%	71.80%	49.60%	65.50%	69.70%
African American	28.30%	36.90%	32.10%	26.00%	48.60%	31.30%	26.20%
American Indian	0.30%	0.30%	0.50%	0.40%	0.20%	0.80%	1.50%
Asian	0.40%	0.40%	1.00%	0.40%	0.50%	0.70%	0.30%
Native Hawaiian/ Pacific Islander	0.00%	0.10%	0.10%	0.10%	0.10%	0.30%	1.00%
Two or More Races	1.20%	1.30%	1.20%	1.30%	1.10%	1.30%	1.30%
Hispanic/ Latino	1.20%	5.70%	5.80%	4.40%	1.20%	7.50%	14.90%
* USCensus Bureau							



County	Median Family Income 2010-2014	% of Population below Poverty Level 200%
Abbeville	\$45,694	45.99%
Edgefield	\$55,332	38.74%
Greenwood	\$47,232	46.15%
Laurens	\$44,462	48.71%
McCormick	\$46,788	39.7%
Newberry	\$52,252	42.02%
Saluda	\$45,802	48.83%
<b>South Carolina</b>	<b>\$55,506</b>	<b>39.96%</b>
<b>U.S.</b>	<b>\$65,443</b>	<b>34.54%</b>

**Leading Health Indicator Assessment:**

**Access to Health Services:** Access to Health Services is measured by available physicians, patient projections, the uninsured population and access to primary care. These indicators are relevant to identify barriers to healthcare access including primary care, specialty care and other health services. Based on the findings, the SRH service area has an increased need for internal medicine, OB/GYN, pathology and psychiatry practices.

Greenwood, Laurens and Saluda have increased rates of individuals with no insurance, higher than the state rate. Access to primary care is lower than South Carolina’s rate in all counties except Greenwood, which is attributed to the family practice residency training program at SRH.

Given SRH’s role as the main healthcare provider in the seven county region, outmigration did not surface as an issue.

**Clinical Preventative Services:** Clinical preventative services are very effective in preventing and/or detecting chronic conditions early. Though these services can be potentially lifesaving, the Centers for Disease Control (CDC) reports only 25 percent of adults aged 50-64 and fewer than 40 percent of adults aged 65 years and older are up to date on these services. Clinical preventative services are measured by disease management, screenings, disease incidence and disease mortality rates.

Most counties in the SRH service area fell below state averages for cancer screenings, such as mammograms, pap smears and colonoscopies. Greenwood County has the highest rates of preventative services being utilized, except for colon cancer screenings. Incidence rates for disease such as diabetes, certain cancers and high blood pressure are areas of concern for the seven-county area. All counties had significantly lower rates of prostate cancer than South Carolina.

**Environmental Quality:** All counties in SRH service area have very low particulate matter days.

**Injury and Violence:** According to the CDC, injuries are the leading cause of death for Americans ages 1 to 44, and a leading cause of disability for all ages regardless of status. More

than 180,000 people die from injuries each year, and approximately 1 in 10 sustains a nonfatal injury serious enough to be treated at an emergency hospital department. The effects of the injuries and violence extend beyond the injured person or victim of violence to family members, friends, coworkers, employers and communities. In addition, beyond their immediate health consequences, injuries and violence have significant impact on the wellbeing of Americans by contributing to premature death, disability, poor mental health, high medical costs and lost productivity.

SRH service area's violent crime rate is significantly higher than the state and national rates. The report area's rate exceeded the state by over 25 percent and the nation's by over 85 percent. The highest rated counties are Greenwood and Laurens, while the remaining five counties have rates lower than the state and nation. Violent crimes included homicide, rape, robbery and aggravated assault.

Further, the SRH service area has a significantly higher motor vehicle mortality rate with the highest rate in Saluda County and lowest rate in Greenwood County.

**Maternal, Infant, Child Health:** According to Health People 2020, improving the well being of mothers, infants and children is an important public health goal for the United States. Their wellbeing determines the health of the next generation and can help predict future public health challenges for families, communities and the health care system.

In addition, during pregnancy, there is an opportunity to identify health risks in women and their unborn children. This can surface problems at an early stage that can also prevent health issues, postpartum and beyond.

Two areas of concern for the SRH report area revealed through the data were the low birth weights and higher infant mortality rate.

**Mental Health:** According to Mental Health America, 57.2 percent of adults with a mental illness received no treatment in 2012-2013. Access to mental health is increasingly becoming a national epidemic. The SRH report area has a lower mental health care provider rate than the state with Greenwood County having the highest rate and surrounding counties having the lowest rate. Suicide death rates are higher in surrounding counties as Greenwood has the lowest rate in the report area.

**Nutrition, Physical Activity and Obesity:** One of the most publicized areas of concern in the United States, a healthy diet and routine exercise, are key aspects of maintaining a healthy lifestyle. Excess weight may indicate an unhealthy lifestyle and puts individuals at risk for further health issues. Therefore, good habits in diet and physical activity are essential to reducing the risk of many of the major health issues in America.

Nutrition, Physical Activity, and Obesity are areas of concern for the SRH service area. According to the CDC, in 2012, 35 percent of adults in the seven-county service area are considered obese, while 31.5 percent of South Carolinians and 27.1 percent of Americans are considered obese.

**Oral Health:** Oral Health is essential to overall health. Good oral health improves a person's ability to speak, smile, smell, taste, touch, chew, swallow and make facial expressions to show feelings and emotions. Engaging in preventative behaviors lowers the risk of developing future health issues. Access to dental care for all ages remains a public health challenge.

According to data provided by the Behavioral Risk Factor Surveillance System (BRFSS), the report area has fewer dentists per 100,000 than the state and nation. Dental care utilization for SRH's service area is lower than South Carolina, but not the nation, as it relates to adults with no dental exam within the past 12 months.

**Reproductive and Sexual Health:** Reproductive and Sexual Health is vital to an individual's overall health status. This indicator reveals unsafe sex practices and contributes to understanding poor health status among individuals and communities.

Measures of sexually transmitted infections in the SRH service area are below state rates, but above national rates for most counties. HIV incidence is below the state and national rates for most counties in the SRH service area, except Edgefield and McCormick counties. Teen birth rates in the service area remain above both state and national rates, although significant gains have been made in the report area over the last few years.

**Social Determinants:** According to Healthy People 2020, health starts in our home, workplaces, schools, neighborhoods and communities. We know that taking care of ourselves by eating well, staying active, not smoking, getting recommended immunizations and screenings and seeing a doctor when we are sick all influence our health.

Our health is also determined in part by access to social and economic opportunities; the resources and support available in our homes, neighborhoods and communities; the quality of our schooling; the safety of our workplaces; the cleanliness of our water, food and air; the nature of our social interactions and relationships. The conditions in which we live explain in part why some Americans are healthier than others and why Americans more generally are not as healthy as they could be.

The SRH service area struggles in the areas of household median income and percentage of population below the poverty level. This can be partially attributed to the lack of jobs and/or weak economy. In order for there to be improvement in health, advances are needed in these areas of social and economic growth. It is difficult to benchmark against a United States number when speaking of household income because of different qualities of living. However, the SRH service area's household median income is up to \$10,000 less than the state rate for all counties in the report area except Edgefield.

On a positive note, the report area's high school graduation rate is significantly higher than the state's and slightly below the nation's.

**Substance Abuse/Tobacco:** Current behaviors are determinants of future health. Indicators such as excessive alcohol consumption, tobacco use and illicit drug use are linked to several chronic health conditions, such as cancer, cirrhosis, mental illnesses and cardiovascular disease.

Tobacco usage is a major concern for the SRH service area, with 23.6 percent of individuals report being a current smoker compared to 20.6 percent in South Carolina and 18.1 percent in the United States. Excessive alcohol consumption is below state and national rates in the SRH service area. Illicit drug use was not perceived in the survey to be a major health concern (11 out of 694 respondents reported usage) and there is little data available for this indicator due to its association with illegal activity.

## Summary of Assessment Data

### Top Positive Indicators

Access to Health Services	•Uninsured Population
Clinical Preventative Services	•Prostate Cancer Incidence, Diabetes Mgmt-A1C Test •Lung Cancer Incidence
Environmental Quality	•Low particulate matter days
Injury and Violence	•Low pedestrian accident mortality rate •Low unintentional injury death rate
Maternal, Infant Child Health	•High school graduation rate is high
Mental Health	
Nutritional, Physical Activity and Obesity	•Food Access
Oral Health	
Reproductive and Sexual Health	•STI – HIV •STI - Gonorrhea
Social Determinants	•Unemployment Rate
Substance Abuse/ Tobacco	•Liquor Store Access •Alcohol Consumption

## Top Negative Indicators/Potential Areas of Concern

Access to Health Services	<ul style="list-style-type: none"><li>• Access to Primary Care</li></ul>
Clinical Preventative Services	<ul style="list-style-type: none"><li>• Colorectal Cancer Incidence, High Blood Pressure</li><li>• Diabetes, Cancer Screenings-Colonoscopy</li></ul>
Environmental Quality	
Injury and Violence	<ul style="list-style-type: none"><li>• Violent Crime Rate</li><li>• Premature Death, Motor Vehicle Deaths</li></ul>
Maternal, Infant Child Health	<ul style="list-style-type: none"><li>• High Infant Mortality Rate</li><li>• High Low Birth Weight Rate</li></ul>
Mental Health	<ul style="list-style-type: none"><li>• Access to Mental Health Providers</li><li>• High Mortality by Suicide Rate</li></ul>
Nutritional, Physical Activity and Obesity	<ul style="list-style-type: none"><li>• Physical Inactivity, Obesity</li><li>• Access to Fitness Centers</li></ul>
Oral Health	<ul style="list-style-type: none"><li>• Poor Dental Health, Access to Dentists</li><li>• Dental Care Utilization</li></ul>
Reproductive and Sexual Health	<ul style="list-style-type: none"><li>• Teen Births</li><li>• STI - Chlamydia</li></ul>
Social Determinants	<ul style="list-style-type: none"><li>• Population with No HS Diploma</li><li>• Poverty-Children Below 200% FPL</li></ul>
Substance Abuse/ Tobacco	<ul style="list-style-type: none"><li>• Tobacco Usage</li><li>• Alcohol Consumption</li></ul>

## Community Input Findings



Along with primary and secondary data collection, Self Regional Healthcare entered dialogue with other key community partners who are representatives of the local city/county health department, community outreach groups and implemented an extensive community survey. The community survey includes input from 694 residents from across the Lakelands. The key community partners discussed the findings of the assessment. Many government officials, who represent the leadership of underserved populations and had special expertise and knowledge in public health, were also contacted for input.

Through numerous interviews and community group venues a summary of community input was created.

### Survey Respondent Characteristics:

- 39% of respondents were from Greenwood, 14% Laurens, 12% Abbeville, 10% Edgefield, 10% Saluda, 7% Newberry and 6% McCormick
- 77% of respondents were female
- 41% were aged 21-40 and 32% aged 41-60
- 53% of respondents were black/African American, 42% were white/Caucasian, 1% Hispanic and 1% multiracial
- 39% of respondents are working full time, one job
  - o 20% were unemployed looking for work and 7% unemployed and not looking for work
- Almost 28% of respondents reported an annual household income of less than \$10,000
- 27% of respondents were commercially insured, 22% were Medicaid, 17% were Medicare, 16% had none and 14% were private pay
- 31% of respondents reported at least two people living in their household and 22% reported three, almost 12% reported five or more in their household
- 25% of respondents were high school graduates, 21% college graduates, 11% reported some high school and 6% reported GED

### Survey Responses:

- 72% reported that they go to physician's office for routine care
- 89.9% say they are able to visit the doctor when needed, while 10% said they could not
  - o If they are unable to visit the doctor when needed, almost 40% reported they cannot afford it
- Top three health challenges are high blood pressure, obesity and diabetes. 32% reported no health challenges.
- Top preventative procedures were blood pressure checks, blood sugar checks and physical exam. Lowest rates were for hearing screening, bone density test and skin and prostate cancer screening

- 47% report that they exercise three or more times per week, 42% reported receiving a flu shot each year, 38% report that they eat fast food more than once a week, 26% report they eat five or more fruit and vegetable servings a day and 25% report they use sunscreen
  - o 2% reported they used illegal drugs or abuse prescription drugs
- Almost 34% reported that no insurance or unable to pay for care prevent them from accessing care. 22% say they are unable to pay their copays/deductibles
- 60% reported that blood pressure checks are needed to keep themselves or family members healthy
  - o Almost 40% report that exercise and physical activity are need to stay healthy, 35% report routine well checkups, 37% diabetes and 33% cholesterol screenings
- 52% report that the overall health of their community is fair and 32% reports the overall health of the community is very good
- The three biggest health issues/concerns in the community were reported as:
  - o Diabetes
  - o Cancer
  - o Heart Disease
  - o Mental health was reported by 18% of those surveyed as a top three health challenge
- Healthcare concerns in our community reported were as follows:
  - o Cost of health care services
  - o Lack of health education
  - o Long waits in the doctors office
- 1.61% (n=11) of the 694 respondents answered that the following statement is true: "I use illegal drugs"

## Respondents Comments

*"I consider our top community health issues to be obesity, substance abuse, mental health and access to healthcare (transportation)."*

*"More wellness initiatives such as increased recreational opportunities (hiking, biking, walking trails that link other resources together, along with classes on healthy eating) are some changes I would like to see that would make our community healthier."*

*"Several roles our city and county governments can play toward community health improvement are to further support educational institutions that prepare our healthcare workforce and support re-establishing the Seaboard (area) recreation center for healthy youth activities."*

*"Regarding what would make our community healthier, I would like to see more support for free clinics, more outlets to provide information about available care and specific health programs for youth."*

*"Local governments are currently underfunded. We are struggling to meet the basic needs such as law enforcement, fire fighting, EMS, trash collection, street and sidewalk maintenance, etc. All of these services contribute to the health, safety and welfare of our citizens. In order to branch out into further areas which benefit our community, we must concentrate on adequately funding the basic needs."*



*“Other health challenge being faced: Asthma.”*

*“Issues with cancer, diabetic, dialysis patients no transportation to grocery shop, etc. Issues also with getting help to pay their bills.”*

*“Other biggest health issue is addiction; major concern is lack of mental health services. I routinely refer clients for mental health services, though wait time is typically 3-4 months.”*

*“Need more doctors willing to work free clinic and nurses.”*

*“Lack of public transportation to health facilities for those who don't receive government assistance. I would like to see more health fairs or free health screenings in the community. More health education provided to public through your churches in the community. Also more advertisement for the community not just the local paper, but the local television, radio station such as 107.3 Jamz, which everyone in the community listens to.”*

*“For the healthcare I receive from mental health and emergency rooms is great and a blessing, no complaints.”*

*“Stay pretty fair and keep the clients wanting to keep their services in the area.”*

*“Unfortunately, I do not know my health insurance provider. Paying for medication or subscriptions, if I have to be in need will be a problem financially.”*

*“The healthcare systems here are great, they should try harder to be more on time with people who have appointments set up and show up early, like requested.”*

*“Office (over booked) had to go over sick to Urgent Care for UTI. Congestion in upper chest-had to wait from Thurs-Monday to get in for an appointment. Wait in Emergency Room/High Co-pay, \$150 for Emergency care.”*

*“As a health educator, I am dismayed at the level of dishonesty, negligence and lack of genuine care and concern of patients by most medical professionals. The fraudulent nature of knowingly withholding vital knowledge of how to become healthy and stay healthy is truly a crime against humanity. I understand the medical industry is mostly designed to treat symptoms. Of course it's not in the business of healing people. That would put it out of business. I would like to see health care shift from treatment based to true HEALING & PREVENTION. Thank you for your concern. Thank you for reading. Good luck with the outcome of your survey.”*

*The wait times are ridiculous in the ER. Also every time I have went to ER, it has to be an eyesore. Obviously it needs to be routinely cleaned at more frequent intervals. No one likes to go into a healthcare facility that is nasty!”*

- “1. Primary care providers don't schedule enough time for sick patient visits making it difficult to get in when you become ill.*
- 2. I have expressed my concern about my weight, but my physician doesn't seem concerned. According to charts I am morbidly obese.*
- 3. I work hard, but the cost of health care, even after insurance kicks in takes a huge bite out of my small budget.*
- 4. Healthy foods cost too much.*
- 5. Gyms cost too much*

6. *Dental care is outrageous.*

*"I am a registered nurse.*

*I understand that the front office staff workers are given instructions concerning appointments. Two things in my opinion they could work on are communicating with the nurses better (maybe the nurse should be more available for questions) and customer service skills when speaking with families. Families are the support system of the family while HIPPA is law, the patient should be given the option to allow family members to sign forms family members to be able to help while in the office or hospital. They should not have to ask. Many people do not know they can ask."*

*"Cost of medications is very high."*

*"Less co-pay or no co-pay. Specialist in area for people that cannot afford to pay a high co-pay. An arthritis doctor in our area."*

*"1. Need more specialists in this area- especially cancer.  
2. Need to accept all types of measures.  
3. Need to provide more opportunities for health education."*

*"I would like to have a dermatologist here in Laurens. I don't have transportation to Greenwood and need to have some more check-ups"*

*"Lungs"*

*"I feel Greenwood is fortunate to have as many resources as we have for a town our size. However, more can be done, especially with senior adults and children. There needs to be programs for children (screenings, education, healthy-living) in Greenwood. There also needs to be more services and programs for senior adults."*

*"I am a Vietnam Era/Desert Storm Era Veteran. I use Tricare Prime. Why do I have to see a primary doctor within 100 miles of a military base? I have to change doctors to keep my Tricare Prime insurance. My former doctor is 80 miles away and the limit for a doctor is 60 miles. I had this doctor for 15 years. I am about 64 miles from Ft. Jackson. I dislike my new doctor and I loved my former doctor. What a way to treat a veteran."*

*"I think they care about people's needs. I love to see them go around and help others to let them know that they care about their needs."*

*"We need more help with addiction treatment."*

*"I think it is a shame what some medical expenses are, and I believe it is directly related to insurance."*

*"Need more primary care availability"*

## Inventory of Services Addressing Community Needs

Self Regional Healthcare offers the following services to address many of the needs identified in this assessment, as well as many not mentioned.

### **Cancer Center**

Sophisticated technology and an experienced staff are the keys to fighting cancer. Pairing the most advanced equipment with experienced, caring physicians, the Cancer Center makes the battle easier and less painful, which increases the chances of success. It's quality cancer care close to home plus leading-edge radiation equipment, PET-CT scanning for improved diagnosis, IMRT for pinpoint treatment and clinical trials for the latest cancer drugs.

### **Heart and Vascular Center**

The heart and vascular care experts provide a comprehensive, individualized approach for each patient.

This allows for accurate diagnoses and treatments including electrophysiology, cardiac catheterization and nationally accredited cardiac rehabilitation. Self Regional's vascular lab provides comprehensive care plus advanced surgical procedures for life-threatening abdominal aortic aneurysms, blocked carotid arteries and peripheral vascular disease.

### **Neurosurgery and Spine Center**

Self Regional offers advanced procedures such as kyphoplasty and image-guided stereotactic surgery, along with numerous non-surgical treatments with high success rates. Self Regional is also the first in the southeast and fourth in the nation to use space age technology in the BrainSUITE iCT, allowing surgeons to view images of the brain, neck and back during surgery.

### **Orthopedics and Joint Center**

When hip or knee pain starts to impact your daily activities, such as walking, driving, standing, playing golf or enjoying your grandchildren, we can help. Top-rated in South Carolina for overall orthopedic services, the South Carolina Joint Center offers a comprehensive approach designed to minimize pain and restore your quality of life to the maximum extent possible through treatment of fractures, joint pain, traumatic injuries as well as orthopedic therapy, rehabilitation and total hip or knee replacement.

### **Women and Children's Center**

We provide comprehensive gynecologic and obstetric services, including LDRP (labor, delivery, recovery and postpartum) suites, plus a level III Neonatal Intensive Care Unit, advanced monitoring equipment, women's education and numerous classes and clinics tailored to meet the needs of every woman. Our Women's Center is housed in our state-of-the-art patient tower that was built with you and your family in mind.

## **Rehabilitation Services**

Specialized therapists help patients recovering from all types of surgeries and battling a variety of diseases return to their fullest potential possible, all within one of the state's most comprehensive rehabilitation facilities. It's more than rehabilitation. It's rehabilitation plus comprehensive services, including pulmonary and cardiac rehab, as well as physical, occupational, speech and hand therapy.

## **Neurology Services**

Self Regional offers comprehensive diagnoses and treatments for a wide variety of neurological disorders, including multiple sclerosis, Alzheimer's disease, Parkinson's disease, epilepsy, migraines and shingles.

## **Behavioral Health Services**

Advanced and compassionate care is accessed through the Emergency Care Center. Treatment starts with an evaluation by a Behavioral Health Assessment Team (BHAT) professional to determine an appropriate and safe intervention plan. Behavioral health assessment services are provided 24 hours a day, seven days a week, in the Emergency Care Center at Self Regional.

## **Outpatient Intravenous Treatment Center**

The center provides medication services, blood and blood products on an outpatient basis.

## **Ambulatory Care Center and General Surgery**

From pre-op to post-op, our specially trained, highly skilled staff can assist with any type of same-day out-patient surgery.

## **Cardiac Intensive Care Unit**

Our team of highly trained heart specialists provides constant care and close monitoring for adult heart patients.

## **Pain Management Center**

Pain doesn't have to dictate how you live your life. Our caring and attentive doctors and staff work together to isolate the causes of pain and treat the symptoms so you can focus on enjoying the things that matter most to you.

## **Pediatric Unit**

A child's hospital stay can be stressful for the entire family. The Pediatric Unit at Self Regional Healthcare was designed to provide an environment that promotes comfort for patients, family and caregivers.

## **Home Health Services**

Providing a variety of specially tailored personal health and assisted living care, Home Health Services are offered anywhere the patient lives, including their home, nursing home or residential care facility. Our comprehensive services include skilled nursing, physical therapy, speech therapy, nursing assistants, social work, occupational therapy and nutritional guidance.

## **Imaging Center**

This state-of-the-art center offers a number of advanced features for the comfort and convenience of patients. It has advanced imaging services not found anywhere else in the Lakelands region, including MRI, PET-CT scanning and the Fuji Medical Imaging Center for Women.

## **Wound Healing Institute**

The Wound Healing Institute's professional staff is trained to provide specialized, comprehensive treatment to assist in healing problem wounds. During the course of treatment, staff works with patients' regular physicians to assure continuity of all medical services.

## **Montgomery Center-Residency Sports Medicine**

This program gives attending physicians a broad spectrum of sports and activity related medical skills and knowledge sets, preparing them for the rural and small town setting. The fellowship acknowledges the necessary preparation for primary care sports medicine physicians to use appropriate skills in all settings and is accredited by the Accreditation Council for Graduate Medical Education (ACGME) and the American Board of Family Medicine (ABFM).

## **Endoscopy Lab**

Featuring board-certified gastroenterologists, pulmonologists and respiratory therapists, the Endoscopy lab offers endoscopy, colonoscopy, bronchoscopy and other services.

## **Sleep Disorder Center**

Have difficulty sleeping? Millions of Americans have the same problem. Self Regional's Sleep Disorder Center offers sleep medicine evaluation and treatment for all types of sleep disorders occurring during sleep, as well as those that affect the wake-sleep cycle.

## **Emergency Care Center**

The Emergency Care Center at Self Regional Healthcare is a designated Level II facility and a designated Level III trauma center. With 32 beds, treatment available 24 hours a day, seven days a week, and at least one physician on duty at all times, the Emergency Care Center is always there for the Lakelands.

## **Express Medical Care**

Express Care, our after-hours and weekend urgent care clinics, have the same highly skilled and compassionate staff known and trusted at Self Regional Healthcare. With the expertise of doctors, nurses, technical and support personnel, patients are comfortable knowing they are in the hands of the leading medical staff in the area. Both facilities have six fully equipped exam, treatment and procedure rooms, and modern lab and X-ray equipment enabling patients to benefit from the technology, skills and deep commitment to quality health care.

## **Diabetes Education**

Self Regional Healthcare's Diabetes Self Management Education is a physician-referred outpatient program for children and adults. Patients remain under the care of their primary physician, who receive updates on their progress and are notified of changes in their condition. Self Regional's program is accredited by the American Association of Diabetes Educators. The staff consists of registered nurses and a dietitian. All are nationally certified diabetes educators. Services at the Diabetes Education Center include insulin pump therapy, CGMs (continuous glucose monitoring), designing self management goals, disease management education, individualizing meal plans and medications, recognizing hypoglycemia and hyperglycemia signs and symptoms and taking appropriate action and recommendations on exercise and activity. We also see inpatients when consulted by physicians. We are now offering Diabetes Prevention Classes to high-risk employees and working towards being certified nationally for our Diabetes Prevention Program. We offer free diabetes education classes monthly on various topics, as well as twice monthly Sit and Be Fit exercise classes. These are held at the Optimum Life Center. The Diabetes Education Center offers a day camp each summer at the YMCA. Campers ages 6-19 get a chance to meet and interact with other children who have diabetes and learn about disease management. Scholarships are available for those who qualify.

## **Transitional Care Clinic**

This innovative clinic seeks to provide primary care follow up to Self Regional patients that are not established with a medical home. We offer short-term medical management while permanent medical home placement is obtained. While at the clinic, patients will have access to medical and social resources to assist them in managing their health conditions and in improving their overall wellbeing.

## **Self Medical Group**

Self Medical Group is a network of primary care, specialists and hospital based physicians who work together to provide patients comprehensive healthcare. From a cold to cardiac care, these physicians provide access to the level of care you need. And, as affiliates of Self Regional Healthcare, they have access to the resources, diagnostics and technology of a nationally recognized regional referral center serving the Lakelands of South Carolina. These physicians, specialists, nurses and specially trained staff provide care at locations throughout the area, so quality healthcare is always close by.

## Outreach Services Currently Offered

### Wellness Works

A healthy lifestyle is a choice and Wellness Works (the health and fitness center of Self Regional Healthcare) makes that choice easy with its state of the art community facility. Certified Instructors and Personal Trainers help identify a person's fitness needs and devise a plan to achieve individual goals. Over 40+ group fitness classes are offered each week, strength training, water exercise, nutrition, weight control and relaxation techniques are just a few options available. The goal of Wellness Works is to provide the best fitness experience for our community.



### Occupational Health

At Occupational Health Services, our goal is to work together to improve the health of our workforce, while improving the productivity of our businesses, stabilizing costs and strengthening the relationship between our employers and the medical community. We offer services including Employment & DOT physicals, OSHA workplace surveillance programs, workplace evaluation, drug testing programs and occupational software for reporting trends and statistics. Our drug testing services include pre-employment, for cause and post-accident testing, as well as complete management of your random testing program for DOT, including random pulls, employee notification, specimen collection and preparation of quarterly and annual reports for OSHA.

### Access Health Lakelands

This program provides services to uninsured individuals, ages 19-64, with chronic medical conditions who live in the seven-county region known as the Lakelands. Access Health Lakelands is grant funded through The Duke Endowment as well as Self Regional Healthcare. Our Certified Community Health Workers educate and assist clients on how to successfully navigate the healthcare system and remove barriers that may prevent access to care.

## Health Express

The Self Regional Health Express, a 42-foot mobile health unit, is a part of a community health outreach initiative designed to improve the health and well being of the Lakelands through screenings, clinical exams, referrals and health education. The goal of the Health Express is centered around the need to make healthcare more accessible to the community.





## Other Community Services Addressing Community Needs

**Greater Greenwood United Ministries-** Greater Greenwood United Ministries provides a way for community churches to collaborate in meeting needs of very vulnerable and fragile populations. They provide a crisis ministry, free medical clinic and free dental care ministry.

**Clinica Gratis-** Free Clinic offered to design, implement and assess bilingual/bicultural health promotion, education and referral programming targeting low-wealth Lakelands Area residents.

**Greenwood YMCA-** Our Y is devoted to Youth Development, Healthy Living and Social Responsibility of children, families and communities. Greenwood YMCA seeks to be a welcoming community serving individuals of any age, race, religion, heritage, economic circumstance or physical ability.

**Healthy Learners-** Healthy Learners is a faith-based non-profit that connects children to care so that poor health is not an obstacle to doing well in school. They address poverty at its root, so that future generations can lift themselves, and their communities, to a better life. Healthy Learners began serving the students of Greenwood School District 50 in the fall of 2005. The program serves elementary, middle and high school students who are without resources and are in need. This includes students who are covered by Medicaid. Transportation to and from school to appointments is a unique and vital link to the success of the Healthy Learners program.

**Greenwood Rotary Club-** The motto of the Rotary Club is “Service above self”. The Greenwood and Emerald City clubs focus on the youth in Greenwood and the E-Club of the Carolinas focus is on the Youth in their members’ communities. The E-club is based out of Greenwood, but has members in several different states and several different countries.

**Greenwood Kiwanis Club-** Kiwanis clubs, located in 80 nations, help their communities in countless ways. Each community’s needs are different—so each Kiwanis club is different. By working together, members achieve what one person cannot accomplish alone. When you give a child the chance to learn, experience, dream, grow, succeed and thrive, great things happen

**Beyond Abuse-** Beyond Abuse is a nonprofit 501(c)(3) organization primarily serving Abbeville, Greenwood and Laurens counties in South Carolina. The mission is to lead our community beyond sexual violence and child abuse through awareness, advocacy and action. The goal of Beyond Abuse is to assist everyone who has been hurt emotionally.

**American Cancer Society-** For 100 years, the American Cancer Society (ACS) has worked relentlessly to save lives and create a world with less cancer and more birthdays. ACS helps people stay well, helps people get well, find cures and fight back against cancer.

**United Way-** United Way now has 23 agencies serving the community as United Way Certified Partners. Currently, 24 programs are being funded within these agencies to help better the quality of life in the surrounding communities.

**Meg’s House-** A community-based nonprofit offering emergency shelter and supportive services for women and children who are victims of domestic violence. They also provide emergency shelter to men who are victims of family violence. Service areas are McCormick, Edgefield and Greenwood.

**GAMES Coalition-** The GAMES Coalition's mission is to assist homeless persons in our five-county area by providing housing and case management services. The GAMES Coalition will strive towards achieving the following goals: (1) Inform coalition members and the community of the services we provide for the homeless. (2) Determine the barriers homeless persons face and develop a plan to reduce those barriers. (3) Focus on preventing participants in GAMES from becoming homeless again.

**Self Family Foundation-** Self Family Foundation encourages self-sufficiency in people and the communities in which they live. Wellness encompasses a full range of approaches to creating vibrant, healthy communities. From clinical healthcare, to plenty of safe and appealing green spaces, to healthy food and water supplies — a holistic approach to healthy living is key to creating thriving neighborhoods and communities. To foster greater wellness, we provide support for collaborative programs that promote healthy lifestyles, prevention and health literacy.

**Greenwood Community Foundation-** The Greenwood County Community Foundation (GCCF) exists to help individuals and agencies create funds through which they can achieve their philanthropic goals, locally or anywhere in the world. These funds can be created in the lifetime of the donor or through a bequest as part of an estate plan. GCCF also impacts the work of numerous nonprofit organizations specifically in Greenwood County by making grants available through four annual cycles: Youth and Education, Innovation, Community Enhancement and Open Granting.

**Salvation Army-** The Salvation Army administers many programs and services designed to restore broken lives, to build healthy relationships and to develop and encourage people of all ages. The Salvation Army offers programs such as: character building programs for youth, music training, community-building and fellowship for adults and housing assistance.

**Faith Home-** A Christian rehabilitation center for alcoholics and drug addicts. It is based on the fundamental belief that the solutions to problems caused by drugs and alcohol can be found through faith in God. The program is simple, yet it is the answer with the majority of cases. A man or woman is provided with a separated life for eight weeks, close to nature and away from unsettling influences. By studying and working with others like themselves, they can begin to understand the basic truths of life and why they have faltered along the way.

**Food Bank of Greenwood County-** The Food Bank of Greenwood County addresses food insecurity of individuals and families in Greenwood County. Our mission is to reduce hunger through community cooperation, to effectively distribute donated grocery products and perishable foods and to make the best possible use of all available resources.

**Greenwood County Community Indicators Project-** The Greenwood County Community Indicators Project aims to make Greenwood County an even better place to live through collaborative efforts that will develop a healthy and vibrant community. By engaging County residents, stakeholders, partners and community leaders, the project aims to establish coalitions and collaborative efforts necessary to make a positive impact in Greenwood County. Through the Community Indicators Project, we are able to provide information about past and current

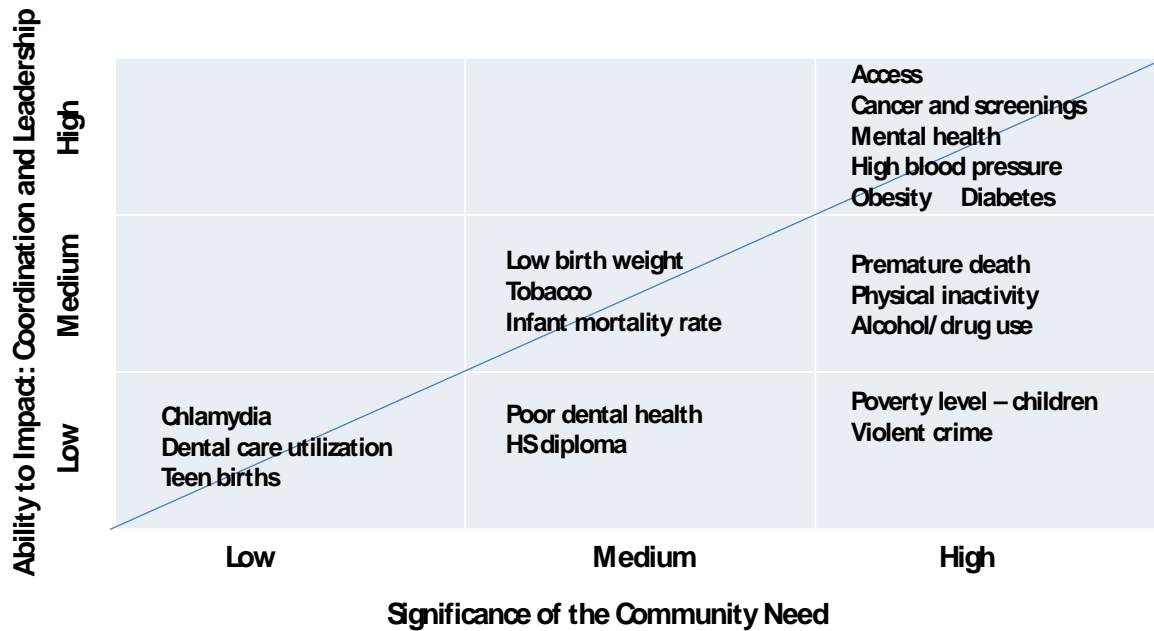
trends that will assist organizations, businesses and community leaders in making decisions that affect future outcomes.

**Greenwood Pathway House-** Greenwood Pathway House is a non-profit, faith-based homeless shelter providing basic life necessities and case management for homeless individuals in our area experiencing mental illness, chemical addictions, employment and financial instability and life history that often makes stable housing and employment difficult. Our goal is to help them navigate a structured pathway to physical, financial and social stability while sharing with them the love of God. Our efforts are always intended to focus on Christian love and preserving and advancing the dignity and overall well-being of those in our care.

## Prioritization of Needs Identified by Data and Input

<p><b>Perceived and Reported</b></p>	<p><b>Access to Healthcare Services/ Cost of Healthcare</b>  <b>Obesity</b>  <b>Mental Health</b>  <b>Diabetes</b>  <b>Cancer Incidence/Screenings</b>  <b>High Blood Pressure</b>  <b>Dental Health Utilization</b>  <b>Level of Poverty</b></p>
<p><b>Perceived, but Not Reported</b></p>	<p>Lack of Public Transportation          Primary Care Availability          Wait Times to Access Physician          Health Education</p>
<p><b>Reported, but Not Perceived</b></p>	<p>Violent Crime Rate          STI Incidence          Teen Births; High Infant Mortality/Low Birth Weight          High Motor Vehicle Death          Poor Dental Health          Tobacco Usage/Alcohol Consumption</p>

## Prioritization Grid



## Priorities

- Cancer and Screenings
- Obesity
- Access to Care
- Diabetes
- High Blood Pressure
- Mental Health

From these identified priorities, the team was able to identify those needs that would be included in the implementation strategy. In accordance with final regulations under IRS section 501(r), the team also identified which needs would not be addressed in the implementation strategy and why. Based on the secondary quantitative data, community input, the needs evaluation process and the prioritization of these needs, the following issues have been chosen for implementation.

- **Cancer and Screenings-** Cancer incidence and death in the SRH service area is an area of concern with most counties having higher cancer rates for breast and colorectal cancer. Lung and prostate cancer incidence has shown major improvements in the seven-county area. Greenwood County shows higher rates in colorectal and breast cancer, while having lower rates of lung and prostate cancer. Cancer screenings, such as mammograms, pap smears, and colonoscopy/sigmoidoscopy screenings, are also a concern with most counties having rates lower than state and national rates. Greenwood County is doing well in the area of mammograms and pap smears, but improvement is still needed to increase colonoscopy/sigmoidoscopy screenings. In addition, the community input reemphasized the importance of preventative screenings such as mammograms and colonoscopies.

- **Obesity-** In 2012, 35 percent of SRH's service area was considered obese. About 33.3 percent of Greenwood County was considered obese in 2012. In addition to this health statistic, this was the most frequently mentioned issue in the community input phase. The underlying causes of obesity, such as lack of nutrition or physical activity, were also areas of concern.
- **Access to Care-** This is a broad need with many areas of focus. In 2014, the seven-county area had 16.02 percent of its population, under age 65, were uninsured, while Greenwood County had an uninsured rate of 17.7 percent. There was also issue of residents having a primary care provider available and making sure their care was administered in the correct setting. Transportation and a struggling economy were also identified as barriers of access to care. These specific areas are addressed in the strategy attached.
- **Diabetes-** This is an area that was added under the Community Pillar at Self Regional Healthcare as a means to address the diabetes epidemic in Greenwood County. According to our data assessment, in 2012, 12.2 percent of adults in the SRH service area had diabetes, while 11 percent of Greenwood County had diabetes. The data also suggested that 87.9 percent of diabetes patients in the seven-county area received an initial HbA1c screening compared to 85.8 percent of South Carolina residents. Self Regional would like to continue to improve these numbers through evidence based solutions and prevention efforts. This includes monitoring major behavioral risk factors that could lead to diabetes, such as obesity, physical inactivity and unhealthy diets. These risk factors were also a focus of many community leaders and organizations interviewed in the input process.
- **High Blood Pressure-** Preventive services such as routine disease screenings and scheduled immunizations are vital to reducing death and disability and improving overall health. In 2012, 34.92 percent of residents in the seven-county service area had high blood pressure. 30.1 percent of Greenwood County residents had high blood pressure in 2012. Self Regional is committed to many prevention efforts currently and would like to continue to grow this wide range of services. The Health Express is available for screenings and education on site throughout the community. Departments within Self Regional Healthcare are collaborating to address all areas within the Lakelands.
- **Mental Health-** Mental Health is a growing area of concern across the nation, state and SRH service area. In 2013, data reports a suicide rate of 14.8, per 100,000 population, in the seven-county area, which is above state and national rates. Greenwood County is the only county in the SRH service area that is below state and national rates at 11.8 per 100,000 population. Access to mental health providers is also a concern for the SRH service area. Self Regional is dedicated to improving efforts in mental health for the seven counties of the Lakelands.

Self Regional's Community Prevention and Wellness Team will update implementation strategies for each health priority identified above from the 2016 CHNA. This Implementation Plan will be rolled out over the next three years as a continuation of efforts from 2013 Implementation Plan. The team will work with community partners and health issue experts on the following for each of the approaches to addressing health needs listed:

- Identify what other local organizations are doing to address the health priority
- Continued support: develop support and participation for these approaches to address health needs
- Develop specific and measurable goals so that the effectiveness of these approaches can be measured and continue to measure and share results with community
- Develop detailed work plans
- Communicate with the assessment team and ensure appropriate coordination with other efforts to address the issue

The team will then develop a monitoring method at the conclusion of the Implementation Plan to provide status and results of these efforts to improve community health. Self Regional is committed to conducting another health needs assessment in three years.

In addition, Self Regional will continue to play a leading role in addressing the health needs of those within our community, with a special focus on the underserved. As such, community benefit planning is integrated into our hospital's annual planning and budgeting processes to ensure we continue to effectively support community benefits. The Community Health Committee of the Self Regional Board of Trustees is also charged with selectively funding projects with specific criteria working toward supporting Community Health Needs Assessment goals.