



The Medical Center Scottsville

The Medical Center at Scottsville Community Health Needs Assessment & Strategic Implementation Plan for 2016-2018

The Medical Center at Scottsville

Community Health Needs Assessment & Strategic Implementation Plan

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Organizational Description

The Bowling Green-Warren County Hospital Corporation (the “Corporation”), is a private non-stock, nonprofit Kentucky corporation that operates a hospital facility in Bowling Green, Kentucky, under the name “The Medical Center at Bowling Green”, since 1993 a hospital and long term care and rehab facility in Scottsville, Kentucky under the name “The Medical Center at Scottsville,” and since 2016 a hospital in Horse Cave, Kentucky under the name “The Medical Center at Caverna.” The three facilities are part of one corporation but are separately licensed by the State of Kentucky. References herein to “The Medical Center” refers to the combined facilities. References herein to “The Medical Center at Bowling Green” refer to the Corporation’s facilities in Bowling Green, Kentucky. References herein to “The Medical Center at Scottsville” refer to the Corporation’s facilities in Scottsville, Kentucky. References herein to “The Medical Center at Caverna” refer to the Corporation’s facilities in Horse Cave, Kentucky.

The Corporation has been determined by the Internal Revenue Service (the “IRS”) to be a charitable organization as described in Section 501(c)(3) of the Internal Revenue Code of 1986, as amended (the “Code”) and is exempt from federal income taxation by virtue of Sections 501(a) and 501(c)(3) of the Code.

The Corporation is owned and controlled by Commonwealth Health Corporation, Inc., a non-stock, nonprofit Kentucky corporation (“Commonwealth”), under a holding company arrangement, which was established in 1984. Commonwealth has been determined by the IRS to be a charitable organization as described in Section 501(c)(3) of the Internal Revenue Code of 1986, as amended (the “Code”) and is exempt from federal income taxation by virtue of Sections 501(a) and 501(c)(3) of the Code.

The Medical Center at Bowling Green was originally founded as The City Hospital in 1926. In 1946, the city hospital became jointly owned by the City of Bowling Green, Kentucky and the County of Warren, Kentucky and was operated by the Bowling Green-Warren County Hospital Commission (the “Commission”) as a public hospital. In 1977, the Corporation became the successor to the Commission with a stated purpose of leasing and operating existing Commission facilities and financing, constructing and operating a new hospital facility.

In 1980, The Medical Center at Bowling Green moved into a new, six-story, state-of-the-art facility, occupying 298,000 square feet on a 17-acre campus. Since 1980, because of an expanding demand for inpatient and outpatient services, several additions to The

Medical Center at Bowling Green have been made and both clinical and patient areas have been renovated and modernized.

The Medical Center at Bowling Green has undergone a series of expansions and has grown to be the largest and most comprehensive hospital facility in Southcentral Kentucky, offering a wide range of acute care and specialty services.

The Medical Center at Scottsville

The Medical Center at Scottsville offers residents of the area with convenient access to experienced doctors, quality healthcare services and health information.

In 1993, Commonwealth Health Corporation (CHC) purchased the Allen County War Memorial Hospital in Scottsville, KY. On that day, CHC made a commitment to the residents of the community to build a healthcare facility they could be proud of. Today, community members have access to first-rate inpatient and outpatient services including a 24-hour, full service emergency room. This is a 25 bed acute care Critical Access Hospital with an attached long term care facility, Cal Turner Rehab & Specialty Care. Cal Turner Rehab & Specialty Care is a 110 bed rehabilitation and skilled nursing facility.

The Medical Center at Scottsville also offers inpatient and outpatient physical therapy, the Rural Health Clinic and access to specialty providers through our Multi-Specialty Clinic.

Service Area Description

The primary service area for The Medical Center at Scottsville is Allen County with contiguous counties of Barren, Monroe, Simpson and Warren. According to the 2010 U.S. Census the population estimate as of July 1, 2014 for Allen County and the contiguous counties is projected to be 194,696. The Medical Center at Scottsville is located in the heart of Scottsville, Kentucky, which is the county seat of Allen County, Kentucky. The population of Allen County was approximately 20,000 according to the 2010 U.S. census. Allen County, Kentucky is contiguous to Warren County. As of 2000, there were 17,800 people in a land area of 346.12 square miles, an average population density of 51.4 people per square mile. The county seat is Scottsville.

The Hospital is located in the city of Scottsville, Kentucky in the County of Allen. Scottsville-Allen County is located in South Central Kentucky and is a rural county that has seen phenomenal growth attributable to its community values and the work ethic of its citizens. Although rural in nature, the county resides within 60 miles of Nashville, TN and just 20 miles of Bowling Green, KY allowing residents a multitude of cultural and sporting events. Allen County has become a center for fostering non-farm entrepreneurial growth. We are one of only 6 Kentucky counties to exceed the national average for entrepreneurial income growth. In the 2010 census, our population experienced a 12% growth rate. Agriculture comprises nearly 167,000 acres in our county and 94% of our farms are operated by an individual or family. We rank fifth in cattle/calf production, tenth in beef cows, and tenth in hay production. In 2007, we posted over 38 million dollars in cash receipts from livestock & crops. Our community assets are strong and foster exceptional work ethics and responsibility.

Our Community offers a state-of-the-art Senior Citizens Center that offers a multitude of activities, as well as the 40,000 square-foot fitness facility, the CORE, with programs offered for all ages. We are home of The Center for Courageous Kids, a world-class medical camp for critically ill children. The camp boasts an on-site medical center, equestrian center, bowling alley, indoor aquatic complex, and provides a wide variety of outdoor activities on over 168 acres.

Service Area

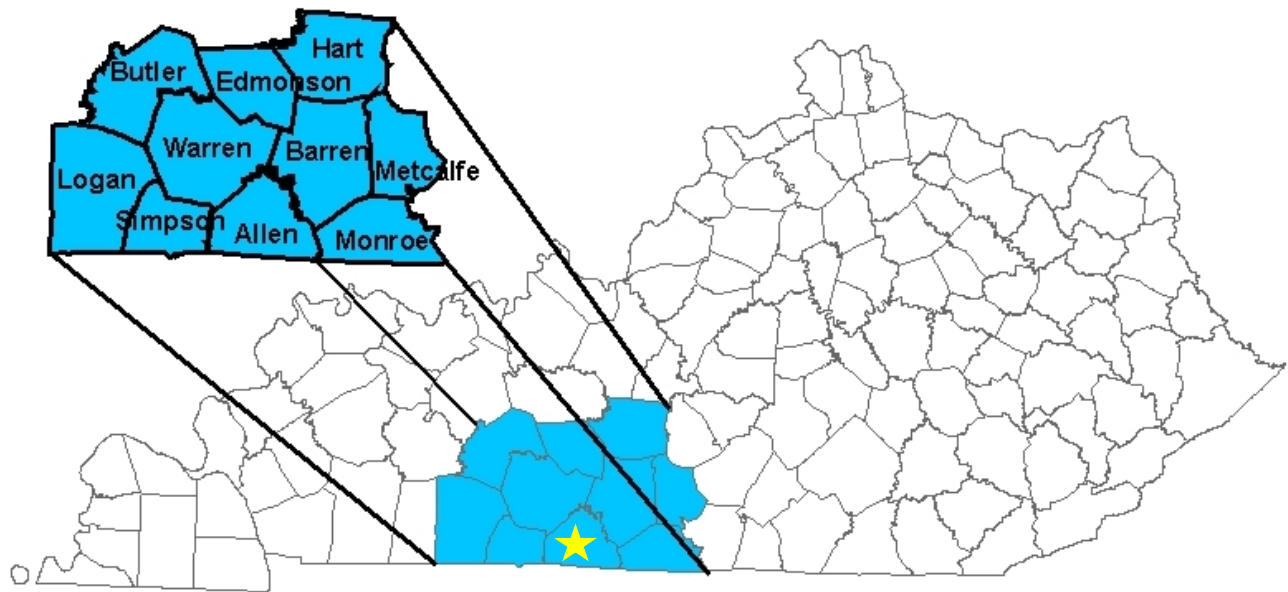
The Medical Center at Scottsville defines its service area by the majority of where our inpatients and outpatients reside. The Medical Center at Scottsville's primary service area is Allen County Kentucky. We also serve patients from the following zip codes in this area:

42101 Bowling Green, Warren Co. KY
42102 Bowling Green, Warren Co. KY
42103 Bowling Green, Warren Co. KY
42104 Bowling Green, Warren Co. KY
42134 Franklin, Simpson Co. KY
42135 Franklin, Simpson Co. KY
42141 Glasgow, Barren Co. KY
42164 Scottsville, Allen Co. KY
42120 Adolphus, Allen Co. KY
42133 Fountain Run, Monroe Co. KY

Over 90% of the patients at The Medical Center at Scottsville stem from the above zip codes. However, The Medical Center at Scottsville serves other areas outside this primary area such as portions of Northern Tennessee include the cities of Westmoreland, White House, and Lafayette. We also serve surrounding Kentucky cities such as Alvaton, Austin, Edmonton, Holland, Lucas, Smiths Grove, Tompkinsville and Russell Springs. There are other facilities who share this service area. In Warren County The Medical Center at Bowling Green and in Simpson County The Medical Center at Franklin also receive patients from these areas. In Barren County TJ Sampson Community Hospital and Monroe County has Monroe County Medical Center serve this population as well.

The Medical Center at Scottsville CHNA Service Area

★ The Medical Center at Scottsville



Existing Licensed Healthcare Resources in BRADD Area

Facility Name	City	Type	Licensed Beds
AUBURN HEALTH CARE	AUBURN	LONG TERM CARE	66
AUBURN COMMUNITY FAMILY CLINIC	AUBURN	LIMITED SERVICE CLINIC	0
BOWLING GREEN NURSING AND REHABILITATION CENTER	BOWLING GREEN	LONG TERM CARE	66
CHRISTIAN HEALTH CENTER	BOWLING GREEN	LONG TERM CARE	32
COLONIAL CENTER	BOWLING GREEN	LONG TERM CARE	48
GREENWOOD NURSING & REHABILITATION CENTER	BOWLING GREEN	LONG TERM CARE	128
SIGNATURE HEALCARE OF BOWLING GREEN	BOWLING GREEN	LONG TERM CARE	176
MAGNOLIA VILLAGE	BOWLING GREEN	LONG TERM CARE	60
GREENVIEW REGIONAL HOSPITAL	BOWLING GREEN	ACUTE	211
RIVENDELL BEHAVIORAL HEALTH SERVICES	BOWLING GREEN	PSYCHIATRIC	125
SOUTHERN KENTUCKY REHABILITATION HOSPITAL	BOWLING GREEN	REHABILITATION	60
THE MEDICAL CENTER AT BOWLING GREEN	BOWLING GREEN	ACUTE	337
ACTIVE DAY OF BOWLING GREEN	BOWLING GREEN	ADULT DAY HEALTH	0
BARREN RIVER ADULT DAY CARE CENTER	BOWLING GREEN	ADULT DAY HEALTH	0
BOWLING GREEN HEMODIALYSIS CENTER	BOWLING GREEN	END STAGE RENAL DIALYSIS	0
DAIALYSIS OF WARREN COUNTY	BOWLING GREEN	END STAGE RENAL DIALYSIS	0
LIFELINE HEALTH CARE OF WARREN COUNTY	BOWLING GREEN	HOME HEALTH AGENCY	0
THE MEDICAL CENTER HOME CARE PROGRAM	BOWLING GREEN	HOME HEALTH AGENCY	0
HOSPICE OF SOUTHERN KENTUCKY	BOWLING GREEN	HOSPICE	0
QUICK CARE CLINIC	BOWLING GREEN	LIMITED SERVICE CLINIC	0
LIFESKILLS, INC.	BOWLING GREEN	MENTAL HEALTH CENTER	0
LINCARE, INC.	BOWLING GREEN	MOBILE HEALTH SERVICE	0
WESTERN KENTUCKY UNIVERSITY MOBILE HEALTH & WELLNESS	BOWLING GREEN	MOBILE HEALTH SERVICE	0
FAIRVIEW COMMUNITY HEALTH CENTER	BOWLING GREEN	PRIMARY CARE CENTER	0
ACTIVE DAY OF BOWLING GREEN	BOWLING GREEN	REHAB	0
BLUEGRASS OUTPATIENT CENTER	BOWLING GREEN	REHAB	0
GREENWOOD NURSING AND REAHBILIATION CENTER	BOWLING GREEN	REHAB	0
PHOENIX REHAB, LLC	BOWLING GREEN	REHAB	0
TFC PHYSICAL THERAPY	BOWLING GREEN	REHAB	0
WESTERN KENTUCKY UNIVERSITY SPEECH CLINIC	BOWLING GREEN	REHAB	0
HOSPICE OF SOUTHERN KENTUCKY, INC.	BOWLING GREEN	RESIDENTIAL HEALTHCARE FACILITY	0
COMMUNITY CLINIC	BOWLING GREEN	SPECIALIZED HEALTH CLINIC	0
OCCUPATIONAL HEALTH PROFESSIONALS, INC.	BOWLING GREEN	SPECIALIZED HEALTH CLINIC	0
WESTERN KENTUCKY DIAGNOSTIC IMAGING	BOWLING GREEN	SPECIALIZED MEDICAL TECHNOLOGY SERVICES	0
ASSOCIATES IN PHYSICIAN SERVICES	BOWLING GREEN	PHYSICIAN OFFICE/LAB	0
BOWLING GREEN BIOLOGICALS	BOWLING GREEN	PHYSICIAN OFFICE/LAB	0
BOWLING GREEN DERMATOLOGY & SKIN CANCER SPECIALISTS	BOWLING GREEN	PHYSICIAN OFFICE/LAB	0
BOWLING GREEN MEDICAL CLINIC	BOWLING GREEN	PHYSICIAN OFFICE/LAB	0
GEORGE A. WATSON, M.D.	BOWLING GREEN	PHYSICIAN OFFICE/LAB	0
GORDON B. NEWELL, M.D.	BOWLING GREEN	PHYSICIAN OFFICE/LAB	0
GRAVES-GILBERT CLINIC	BOWLING GREEN	PHYSICIAN OFFICE/LAB	0
GREENWOOD URGENT CLINIC	BOWLING GREEN	PHYSICIAN OFFICE/LAB	0

PEDIATRIC ASSOCIATES OF BOWLING GREEN	BOWLING GREEN	PHYSICIAN OFFICE/LAB	0
PRIMECARE MEDICINE ASSOCIATES, PLLC	BOWLING GREEN	PHYSICIAN OFFICE/LAB	0
SAHETYA, K.G.	BOWLING GREEN	PHYSICIAN OFFICE/LAB	0
TAPP MEDICAL CLINIC	BOWLING GREEN	PHYSICIAN OFFICE/LAB	0
URGENTCARE	BOWLING GREEN	PHYSICIAN OFFICE/LAB	0
WESTERN KENTUCKY UNIVERSITY HEALTH CAENTER LABORATORY	BOWLING GREEN	PHYSICIAN OFFICE/LAB	0
BOWLING GREEN ASSOCIATES, PATHOLOGISTS LAB	BOWLING GREEN	LAB	0
PREVENTION LIFESKILLS, INC	BOWLING GREEN	ALCOHOL AND DRUG ADDICTION	0
EDMONSON CENTER	BROWNSVILLE	LONG TERM CARE	74
ACTIVE DAY OF BROWNSVILLE	BROWNSVILLE	ADULT DAY HEALTH	0
EDMONSON CARE AND REAHBILIATION CENTER	BROWNSVILLE	REHAB	0
ASSOCIATES IN PHYSICIANS SERVICES	BROWNSVILLE	RURAL HEALTH CLINIC	0
SAHETYA MEDICAL GROUP	BROWNSVILLE	PHYSICIAN OFFICE/LAB	0
SPECTRUM CARE ACADEMY OF GLASGOW I	CAVE CITY	PRTF I	0
DOCTORS CLINIC	CAVE CITY	PHYSICIAN OFFICE/LAB	0
KELLY SERVICES, INC.	EAST BRUNSWICK	NP	0
METCALFE HEALTH CARE CENTER	EDMONTON	LONG TERM CARE	71
SHUFFETT'S ADULT DAY CARE, INC.	EDMONTON	ADULT DAY HEALTH	0
METCALFE HEALTH CARE CENTER	EDMONTON	REHAB	0
EDMONTON PRIMARY CARE CENTER	EDMONTON	RURAL HEALTH CLINIC	0
FOUNTAIN RUN RURAL HEALTH CLINIC	FOUNTAIN RUN	RURAL HEALTH CLINIC	0
FRANKLIN-SIMPSON NURSING AND REHABILITATION CENTER	FRANKLIN	LONG TERM CARE	98
THE MEDICAL CENTER AT FRANKLIN	FRANKLIN	CRITICAL ACCESS HOSPITAL	25
JOHN V. ADAMS, M.D.	FRANKLIN	PHYSICIAN OFFICE/LAB	0
THE MEDICAL CENTER AT FRANKLIN	FRANKLIN	PHYSICIAN OFFICE/LAB	0
DIVERSICARE OF GLASGOW	GLASGOW	LONG TERM CARE	94
GLASGOW HEALTH & REHABILITATION CENTER	GLASGOW	LONG TERM CARE	68
GLASGOW STATE NURSING FACILITY	GLASGOW	LONG TERM CARE	100
GLENVIEW HEALTH CARE FACILITY	GLASGOW	LONG TERM CARE	60
NHC HEALTHCARE, GLASGOW	GLASGOW	LONG TERM CARE	194
T J SAMSON COMMUNITY HOSPITAL	GLASGOW	LONG TERM CARE	16
T J SAMSON COMMUNITY HOSPITAL	GLASGOW	ACUTE	180
MCPEAK SURGERY CENTER	GLASGOW	AMULATORY SURGICAL CENTER	0
JUST FAMILY, INC.	GLASGOW	ADULT DAY HEALTH	0
TJ SAMSON ADULT DAY HEALTH CARE CENTER	GLASGOW	ADULT DAY HEALTH	0
FRESENIUS MEDICAL CENTER GLASGOW	GLASGOW	END STAGE RENAL DIALYSIS	0
T J SAMSON KIDNEY CARE	GLASGOW	END STAGE RENAL DIALYSIS	0
T J SAMSON COMMUNITY HOSPITAL HOME CARE PROGRAM	GLASGOW	HOME HEALTH AGENCY	0
TJ. SAMSON COMMUNITY HOSPITAL HOME CARE PROGRAM HOSPICE	GLASGOW	HOSPICE	0
LINCARE, INC.	GLASGOW	MOBILE HEALTH SERVICE	0
T J SAMSON COMMUNITY HOSPITAL	GLASGOW	MOBILE HEALTH SERVICE	0
GPA PRIMARY CARE CENTER	GLASGOW	PRIMARY CARE CENTER	0
SPECTRUM CARE GLASGOW II	GLASGOW	PRTF I	0
GLASGOW PHYSICAL THERAPY	GLASGOW	REHAB	0
HEARTLAND REHABILITATION SERVICES	GLASGOW	REHAB	0
NHC HEALTHCARE GLASGOW	GLASGOW	REHAB	0
T J SAMSON COMMUNITY HOSPITAL REHABILITATION CENTER	GLASGOW	REHAB	0

THE BARREN RIVER REGIONAL CANCER CENTER, INC.	GLASGOW	SPECIALIZED MEDICAL TECHNOLOGY SERVICES	0
DICKINSON, L. G.	GLASGOW	PHYSICIAN OFFICE/LAB	0
GLASGOW PEDIATRIC ASSOCIATES	GLASGOW	PHYSICIAN OFFICE/LAB	0
GLASGOW URGENT CLINIC	GLASGOW	PHYSICIAN OFFICE/LAB	0
IMMEDIATE CARE CLINIC, LLC	GLASGOW	PHYSICIAN OFFICE/LAB	0
JAMES P. CREWS	GLASGOW	PHYSICIAN OFFICE/LAB	0
NORTHSIDE PEDIATRICS	GLASGOW	PHYSICIAN OFFICE/LAB	0
SAMLL, KAREN	GLASGOW	PHYSICIAN OFFICE/LAB	0
SOTHERN MEDICAL LABORATORY	GLASGOW	PHYSICIAN OFFICE/LAB	0
WOMEN AND CHILDREN'S CLINIC, PSC	GLASGOW	PHYSICIAN OFFICE/LAB	0
ANATOMIC PATHOLOGY LABORATORY OF GLASGOW	GLASGOW	LAB	0
SOUTHERN MEDICAL LABORATORY	GLASGOW	LAB	0
HART COUNTY HEALTH & REHABILATION CENTER	HORSE CAVE	LONG TERM CARE	104
CAVERNA MEMORIAL HOSPITAL	HORSE CAVE	CRITICAL ACCESS HOSPITAL	25
HEARTLAND REHABILATION SERVICES	HORSE CAVE	REHAB	0
CAVERNA MEMORAIL HOSPITAL PHYSICIANS OFFICES	HORSE CAVE	RURAL HEALTH CLINIC	0
CAVERNA MEMORAIL HOSPITAL	HORSE CAVE	PHYSICIAN OFFICE/LAB	0
CERTIFIED MEDICAL ASSOCIATES	MIDDLETOWN	MOBILE HEALTH SERVICE	0
MORGANTOWN CARE & REHABILATION CENTER	MORGANTOWN	LONG TERM CARE	122
MORGANTOWN CARE AND REAHBILIATION CENTER	MORGANTOWN	REHAB	0
ORTHOPEDICS PLUS PHYSICAL THERAPY - MORGANTOWN	MORGANTOWN	REHAB	0
THE OLE HOMEPLACE ADULT DAY HEALTH CARE CENTER – HART CO.	MUNFORDVILLE	ADULT DAY HEALTH	0
CMH MUNFORDVILLE PHYSICIANS OFFICE	MUNFORDVILLE	RURAL HEALTH CLINIC	0
FAMILY MEDICAL CENTER OF HART COUNTY	MUNFORDVILLE	RURAL HEALTH CLINIC	0
FAMILY MEDICAL CENTER	MUNFORDVILLE	PHYSICIAN OFFICE/LAB	0
FAMILY MEDICAL CENTER OF HART COUNTY	MUNFORDVILLE	PHYSICIAN OFFICE/LAB	0
FAMILY MEDICAL CENTER OF HART COUNTY	MUNFORDVILLE	LAB	0
CREEKWOOD PLACE NURSING & REHAB CENTER, INC	RUSSELLVILLE	LONG TERM CARE	104
LOGAN MEMORIAL HOSPITAL	RUSSELLVILLE	ACUTE	75
ACTIVE DAY OF RUSSELLVILLE	RUSSELLVILLE	ADULT DAY HEALTH	0
LIFELINE HEALTH CARE OF LOGAN CO.	RUSSELLVILLE	HOME HEALTH AGENCY	0
LIFESKILLS RESIDENTIAL DEVELOPMENT	RUSSELLVILLE	MENTALLY RETARTED/DEVELOPMENTALLY DISABLED GROUP HOME	0
LOGAN MEMORIAL HOSPITAL PHYSICIAN NETWORK	RUSSELLVILLE	NETWORK	0
LOGAN PHYSICIAN PRACTICE NETWORK	RUSSELLVILLE	NETWORK	0
ORTHOPEDICS PLUS PHYSICAL THERAPY - RUSSELVILLE	RUSSELLVILLE	REHAB	0
DEWEY E. WOOD, M.D.	RUSSELLVILLE	PHYSICIAN OFFICE/LAB	0
DR. ERIN M. RANCK MEDICAL PRACTICE	RUSSELLVILLE	PHYSICIAN OFFICE/LAB	0
CAL TURNER REHAB AND SPECIALTY CARE	SCOTTSVILLE	LONG TERM CARE	110
THE MEDICAL CENTER AT SCOTTSVILLE	SCOTTSVILLE	CRITICAL ACCESS HOSPITAL	25
ORTHOPEDICS PLUS PHYSICAL THERAPY - SCOTTSVILLE	SCOTTSVILLE	REHAB	0
THE MEDICAL CENTER AT SCOTTSVILLE	SCOTTSVILLE	REHAB	0
THE MEDICAL CENTER AT SCOTTSVILLE	SCOTTSVILLE	RURAL HEALTH CLINIC	0
SCOTTSVILLE PRIMARY CARE CLINIC	Scottsville	PHYSICIAN OFFICE/LAB	0
STELLAR HEALTH CARE	SMITHS GROVE	PHYSICIAN OFFICE/LAB	0
MONROE HEALTH AND REHABILATION CENTER	TOMPKINSVILLE	LONG TERM CARE	104
MONROE COUNTY MEDICAL CENTER	TOMPKINSVILLE	ACUTE	49

MONROE COUNTY MEDICAL CENTER	TOMPKINSVILLE	ADULT DAY HEALTH	0
MONROE COUNTY MEDICAL CENTER HOME HEALTH AGENCY	TOMPKINSVILLE	HOME HEALTH AGENCY	0
LIVING WELL HEALTHCARE, LLC	TOMPKINSVILLE	RURAL HEALTH CLINIC	0
TERESA SHEFFIELD, APRN, LLC	TOMPKINSVILLE	RURAL HEALTH CLINIC	0
CARTER, ANTHONY	TOMPKINSVILLE	PHYSICIAN OFFICE/LAB	0
HOPKINS CENTER	WOODBURN	LONG TERM CARE	50

The Medical Center Scottsville Patient Origin Discharges from 1/1/2014 to 6/30/2015

ZipCode	Inpatient Discharges	Outpatient Discharges	% of total Inpatient Discharges	% of Total Outpatient Discharges
Other Zips	7	481	0.80%	1.34%
37022		16	0.00%	0.04%
37074		17	0.00%	0.05%
42157		18	0.00%	0.05%
42166		19	0.00%	0.05%
42129		21	0.00%	0.06%
42131		24	0.00%	0.07%
42159		25	0.00%	0.07%
42206		32	0.00%	0.09%
42127		39	0.00%	0.11%
42167		81	0.00%	0.23%
42153		96	0.00%	0.27%
42123		112	0.00%	0.31%
Other		114	0.00%	0.32%
42276	1	17	0.11%	0.05%
42261	1	22	0.11%	0.06%
42140	1	33	0.11%	0.09%
42102	1	61	0.11%	0.17%
37186	1	185	0.11%	0.52%
42156	2	80	0.23%	0.22%
42171	2	107	0.23%	0.30%
37148	3	64	0.34%	0.18%
37083	4	134	0.46%	0.37%
42141	4	444	0.46%	1.24%
42122	5	234	0.57%	0.65%
37150	6	44	0.69%	0.12%
42103	6	158	0.69%	0.44%
42104	8	252	0.91%	0.70%
42134	8	446	0.91%	1.25%
42133	10	603	1.14%	1.69%
42101	20	476	2.29%	1.33%
42120	64	3880	7.31%	10.84%
42164	721	27451	82.40%	76.71%
Totals	875	35786	100.00%	100.00%

Mission, Vision, and Values

MISSION

The Medical Center at Scottsville mission is to care for people and improve the quality of life in the communities we serve.

VISION

The Medical Center at Scottsville will be an innovative leader in healthcare delivery and outcomes.

WHAT WE VALUE

Quality We are committed to providing the highest level of care and service at every opportunity.

People People are our most valuable resource. We work together to achieve our organization's goals. We treat everyone with honor, dignity, and respect.

Accountability Each of us is responsible for managing our resources ethically and wisely.

Purpose

The Community Needs Assessment has been completed for the following reasons:

- To help meet the Hospital's mission to care for people and improved the quality of life in the communities we serve.
- To comply with the Patient Protection and Affordable Care Act of 2010 and maintain the Hospital's tax exempt status.
- To establish community health needs for the Hospital's service area, to determine areas of greatest need and for the Hospital to develop a strategic plan to address those needs.
- To involve internal and external resources to ensure needs of individuals are met with efforts that are not duplicated.
- To create a sustainable process for conducting Community Health Needs Assessment to be continued for future assessments.

Executive Summary

The Patient Protection and Affordable Care Act of 2010 includes a provision that requires every tax exempt, non-governmental hospital to:

- Conduct a Community Health Needs Assessment (CHNA) at least every three years
- Adopt a Strategic Implementation Plan that includes how the needs identified in the assessment will be met; and
- Report to the Internal Revenue Service via its 990 tax form how it is meeting its implementation plan

The Community Health Needs Assessment Report (CHNA) details the process used to collect, disseminate and prioritize the information in the assessment. The health information results being reported is a collection from reputable national, state and local data sources. The results of our Community Health Needs Assessment Report (CHNA) validate our desires for individual and community health improvements. This valuable data will be utilized for community outreach, planning, and service improvements. The Medical Center at Scottsville worked closely with local healthcare and public health leaders throughout the assessment process. Our goal of this assessment is to develop partnerships within our community to identify health care opportunities that impact the residents of Allen County.

The end result of the assessment process was a development by the hospital of a strategic plan to address the major needs identified.

Process

In September 2011, The Medical Center joined with the Barren River District Health Department and numerous other healthcare providers, community organizations and leaders to form the Barren River Community Health Planning Council. The goal of the Council was to plan and implement a community health needs survey and assessment process followed by identification of key healthcare needs for the community and then development of strategic plans to meet those needs. The process used was primarily based on the Mobilizing for Action Through Planning and Partnership (MAPP), which was developed by the National Association of City and County Health Officials and the Centers for Disease Control and Prevention. Meetings were held twice monthly for three months and then once a month for 16 months.

In July 2014, partners began Cycle 2 of the assessment and planning activities with a focus on the local healthcare system. The priority health issues are Cardiovascular Disease, Diabetes, Obesity, Lung Disease and Drug Abuse and Addiction. We prioritized the following issues for action: Provider Capacity issues, Barriers to Accessing Health Services, Population with Access Issues or Barriers.

Over the fall and winter of 2014-15, partners voted to rename the council to the Barren River Initiative to Get Healthy Together or (BRIGHT) Coalition. Assessment activities follow the Mobilizing for Action through Planning and Partnerships (MAPP) framework.

The coalition reviewed evidence-based practices and strategies for improving community health status. They identified “gold standard” practices and policies that would be found in an ideal situation. The BRIGHT coalition and the Hospital’s strategic implementation plan are based on a few key priority gold standards to help address the needs of the community.

The assessment results and strategic plan were submitted to the hospital board for review and approval for availability to the community.

COMMUNITY HEALTH NEEDS REPORT

Community Demographics

Demographics and Socioeconomics

The Medical Center at Scottsville primarily serves the counties of Allen, Barren, Butler, Edmonson, Hart, Logan, Metcalfe, Monroe, Simpson, and Warren in Kentucky. The following tables show the demographics and socioeconomic characteristics of the Medical Center at Scottsville's primary service area for the most recent period. Allen County is compared to other counties in our development district and to the state.

Age Distribution

County	Population	< 18	65 and over
Kentucky	4413457	22.9%	14.8%
Allen	20384	23.9%	16.1%
Barren	43148	23.7%	16.8%
Butler	12875	22.8%	17.5%
Edmonson	12013	19.4%	19.3%
Hart	18597	24.4%	16.2%
Logan	26867	24.2%	17.2%
Metcalfe	9990	23.6%	17.6%
Monroe	10704	22.4%	18.4%
Simpson	17826	24.1%	15.8%
Warren	120460	22.5%	12.0%

Race/Ethnicity

County	African American	American Indian/ Alaskan Native	Asian	Native Hawaiian/ Other Pacific Islander	Hispanic
Allen	1.1%	0.2%	0.3%	0%	1.9%
Barren	4.2%	0.3%	0.7%	0.1%	3.0%
Butler	0.7%	0.5%	0.3%	0%	4.0%
Edmonson	1.8%	0.3%	0.2%	0%	1.0%
Hart	4.8%	0.2%	0.3%	0%	1.7%
Logan	6.7%	0.4%	0.3%	0%	2.8%
Metcalfe	1.9%	0.2%	0.2%	0%	1.6%
Monroe	2.3%	0.1%	0.1%	0%	3.1%
Simpson	9.7%	0.3%	1.0%	0%	2.0%
Warren	9.4%	0.3%	3.2%	0.2%	5.1%

Reference: United States Census Bureau. September 2015. Retrieved from:

<http://www.census.gov/quickfacts/table/PST045214/21227,21171,21061,21003,00>

Education Level

County	High school graduation		Some college (post-secondary education)	
	Graduation Rate	Cohort Size	Population	# Some College
Allen	91	210	4,977	2,330
Barren	86	589	10,554	5,124
Butler	92	138	3,165	1,392
Edmonson	90	166	2,877	1,262
Hart	97	177	4,256	1,427
Logan	90	320	6,564	2,948
Metcalfe	87	118	2,297	828
Monroe	95	127	2,529	1,111
Simpson	92	211	4,503	2,194
Warren	92	1,293	30,199	18,389
Kentucky	86	48,976	1,136,811	660,940

Reference: County Health Rankings and Roadmaps. November 2015. Retrieved from:

<http://www.countyhealthrankings.org/rankings/data/ky>

Poverty Level and Median Household Income

County	# Children in Poverty	% Children in Poverty	Median Household Income
Allen	1498	31	\$40,008.00
Barren	2897	29	\$38,873.00
Butler	951	34	\$35,430.00
Edmonson	695	29	\$37,646.00
Hart	1689	38	\$33,408.00
Logan	1778	28	\$36,590.00
Metcalfe	956	41	\$31,750.00
Monroe	835	36	\$29,808.00
Simpson	1235	29	\$39,546.00
Warren	5875	23	\$44,135.00
Kentucky	253390	26	\$43,036.00

Reference: County Health Rankings and Roadmaps. November 2015. Retrieved from:

<http://www.countyhealthrankings.org/rankings/data/ky>

Reference: U. S. Census Bureau. November 2015. Retrieved from:

<http://quickfacts.census.gov/qfd/states/21/21003.html>

Unemployment Rates

County	# Unemployed	Labor Force	% Unemployed
Allen	352	8420	4.2%
Barren	784	17651	4.4%
Butler	232	4958	4.7%
Edmonson	249	4648	5.4%
Hart	336	7286	4.6%
Logan	467	11220	4.2%
Metcalfe	169	3882	4.4%
Monroe	169	4315	3.9%
Simpson	330	8136	4.1%
Warren	2165	57471	3.8%

Reference: Kentucky Career Center. September 2015. Retrieved from:

<https://kylmi.ky.gov/vosnet/analyzer/results.aspx?session=labforce>

Cancer Incidence Rates

Cancer incidence rates are from the Kentucky Cancer Registry and cover a five year span. Allen County has a slightly lower overall age adjusted rate for all sites, which is in line with the other counties in the Barren River Area Development District.

Cancer Incidence Rates in Barren River Area Development District, Kentucky		
All Genders, All Races, 2008-2012		
Site	Barren River Area Age Adjusted Rate	Allen County Age Adjust Rate
All Sites	503.1	434.9
Prostate (males only)	125.4	90.
Lung and Bronchus	101.4	80.7
Breast	57.9	60.9
Colon & Rectum	50.1	52.3
Melanoma of the Skin	23.8	14.6
Urinary Bladder	22.1	11.6
Miscellaneous	19.6	19.2
Kidney and Renal Pelvis	20.4	12.1
Corpus Uteri (females only)	21.4	21.
Non-Hodgkin Lymphoma	19.5	22.7
Ovary (females only)	9.6	12.8
In Situ Breast	13.2	5.5
Thyroid	15	17.3
Cervix Uteri (females only)	10.5	11.1
Pancreas	11.	12.3
All Other Causes	89.2	66.7

Health Statistics and Rankings

The Medical Center at Scottsville collected health statistics and outcome measures from a variety of sources. We used information from our Barren River Regional Development District sources, 2015 County Health Ranking Kentucky Data, and the Kentucky Cancer Registry. An analysis of various health outcomes and factors for a particular community can, if improved, help make that community a healthier place to live, learn, work, and play. And a better understanding of the factors that affect the health of the community will assist with how to improve the community's habits, culture, and environment. This portion of the community health needs assessment utilizes information from *County Health Rankings*, a key component of the Mobilizing Action Toward Community Health (MATCH) project, a collaboration between the Robert Wood Johnson Foundation and the University of Wisconsin Population Health Institute.

The County Health Rankings model is grounded in the belief that programs and policies implemented at the local, state, and federal levels have an impact on the variety of factors that, in turn, determine the health outcomes for communities across the nation. The model provides a ranking method that ranks all 50 states and the counties within each state, based on the measurement of two types of health outcomes for each county: Length of Life and Quality of Life. These outcomes are the result of a collection of health factors that are influenced by programs and policies at the local, state, and federal levels.

Counties in each of the 50 states are ranked according to summaries of a variety of health measures. Those having high ranks, e.g. 1 or 2, are considered to be the "healthiest." Counties are ranked relative to the health of other counties in the same state on the following summary measures:

- Health Outcomes--rankings are based on an equal weighting of one length of life (mortality) measure and four quality of life (morbidity) measures.
- Health Factors--rankings are based on weighted scores of four types of factors:
 - Health behaviors (7 measures)
 - Clinical care (5 measures)
 - Social and economic (7 measures)
 - Physical environment (5 measures)

A more detailed discussion about the ranking system, data sources and measures, data quality and calculating scores and ranks can be found at the website for County Health Rankings (www.countyhealthrankings.org).

As part of the analysis of the needs assessment for the community, the three counties that comprise the majority of the Community will be used to compare the relative health status of each county to the state of Kentucky as well as to a national benchmark. A better understanding of the factors that affect the health of the community will assist with how to improve the community's habits, culture, and environment.

The following tables, from County Health Rankings, summarize the 2015 Health Outcomes for the three counties that comprise the majority of the Community for The Medical Center at Scottsville. Each measure is described and includes a confidence interval or error margin surrounding it – if a measure is above the state average and the state average is beyond the error margin for the county, then further investigation is recommended.

ALLEN COUNTY

Health Outcomes--rankings are based on an equal weighting of one length of life (mortality) measure and four quality of life (morbidity) measures. While most of Allen County health outcomes were comparable to the state of Kentucky (ranking 65 and 75 out of 120 counties) opportunities are available for improvement.

A number of different health factors shape a community's health outcomes. The County Health Rankings model includes four types of health factors: health behaviors, clinical care, social and economic, and the physical environment.

The following table summarizes the health factors for Allen County. The following elements are recognized as areas for improvement.

- Health Behavior/ Adult Smoking
- Health Behavior/ Adult Obesity
- Health Behavior/ Physical Inactivity
- Clinical Care/ Diabetic Screening
- Clinical Care/ Mammography Screening

	Kentucky	Allen	Warren	Simpson	Barren	Monroe
Health Outcomes		65	19	51	25	72
Length of Life		68	13	73	28	86
Premature death	8900	9931	7380	10053	8136	11074
Quality of Life		56	39	30	28	40
Poor or fair health	21%	22%	17%	15%	22%	20%
Poor physical health days	4.8	4.8	4.5	4.2	4.2	4.6
Poor mental health days	4.3	6.	4.4	4.6	4.	4.2
Low birth weight	9.1%	8.1%	9.%	8.7%	8.3%	8.9%
Health Factors		75	27	59	43	81
Health Behaviors		45	14	49	29	37
Adult smoking	26%	31%	25%	30%	26%	25%
Adult obesity	32%	32%	29%	30%	26%	25%
Physical inactivity	29%	30%	28%	34%	32%	27%
Excessive drinking	12%	-----	13%	-----	10%	-----
Alcohol Impaired Driving Deaths	29%	11%	33%	28%	24%	33%
Sexually transmitted infections	394	251	391	211	232	203
Teen birth rate	48	53	31	6	62	51
Clinical Care		107	45	67	26	119
Uninsured	16%	19%	19%	16%	17%	21%
Primary care physicians	1,551:1	10,105:1	1,362:1	2,505:1	1,421:1	2,164.1:1
Preventable hospital stays	94	102	93	157	58	209

Diabetic screening	85%	77%	86%	84%	85%	67%
Mammography screening	60.1%	47.8%	60%	52%	57.5%	48.4%
Social & Economic Factors		68	17	38	73	67
High school graduation	86%	91%	92%	92%	86%	95%
Some college	58.1%	46.8%	60.9%	48.7%	48.6%	43.9%
Unemployment	8.3%	8.4%	7.0%	7.1%	8.2%	7.5%
Children in poverty	26%	31%	23%	29%	29%	36%
Social Associations	10.8	5.9	9.1	13.7	8.7	10.2
Children in single-parent households	34%	29%	32%	35%	30%	31%
Violent crime rate	235	73	195	203	109	37
Physical Environment		73	114	111	69	66
Air pollution-particulate matter	13.5	14.0	14.0	14.2	13.8	13.8
Drinking Water Violations	9%	0%	27%	30%	0%	0%
Severe Housing Problems	14%	14%	17%	15%	14%	17
Driving Alone to Work	83%	79%	84%	81%	83%	78%
Long Commute – Driving Alone	28%	39%	15%	29%	22%	29%

HEALTH CARE RESOURCES

The availability of health resources is a critical component to the health of a county's residents and a measure of the soundness of the area's healthcare delivery system. An adequate number of healthcare facilities and healthcare providers are vital for sustaining a community's health status. Fewer healthcare facilities and healthcare providers can impact the timely delivery of services. A limited supply of health resources, especially providers, results in the limited capacity of the healthcare delivery system to absorb charity and indigent care as there are fewer providers upon which to distribute the burden of indigent care. This section will address the availability of health care resources to the residents of Allen, Barren, Butler, Edmonson, Hart, Logan, Metcalfe, Monroe, Simpson, and Warren Counties.

THE MEDICAL CENTER AT SCOTTSVILLE IMPLEMENTATION STRATEGIES FOR ADDRESSING COMMUNITY HEALTH NEEDS 2016 – 2018

Through the research and recommendations from the Community Health Needs Assessment and hospital staff, administration and Board of Directors, the following strategies will guide The Medical Center at Scottsville leadership in addressing our community's health needs over the next three years.

1. Strengthen Partnerships With Key Community Health Providers & Organizations

A very beneficial component of the Community Health Needs Assessment process for the hospital was participating as an active member of the Barren River Initiative to Get Healthy Together (BRIGHT) Coalition. This reinforced the importance of each community partner in our quest to meet the healthcare needs of all individuals in our community. Over the next three years, The Medical Center at Scottsville will focus on continuing to strengthen relationships with the organizations listed below and developing collaborative efforts to improve healthcare within Allen and surrounding counties. Partnerships may include joint funding of initiatives, providing leadership on governing boards, information sharing and cooperative work on health related grants. This list is not meant to be exclusive and other organizations/providers will be added as identified. These agencies were identified as directly addressing community health needs and serving the populations most in need within The Medical Center at Scottsville service area:

American Cancer Society
 Kentucky Heart & Stroke Association
 Allen County Health Department
 Allen County Schools
 Kentucky Cancer Program
 Barren River Area Development District
 Medicaid Managed Care Organizations/Case Management
 Refugee Assistance Center
 Southcentral Kentucky Community Action
 Western Kentucky University Institute for Rural Health-Mobile Unit
 CORE of Scottsville and Allen County Kentucky
 Allen County Chamber of Commerce

2. Preventative Care & Disease Management Focus

The Community Health Needs Assessment provided data specific to preventative care and disease management. Council members reviewed the data and determined the following focus areas: Diabetes, Obesity, Cardiovascular Disease, Lung Cancer, Drug, Alcohol Abuse and Addiction. The hospital's plan to address these areas is as follows with the overall goal to educate individuals on the importance of taking ownership of their health and wellbeing:

Diabetes:

- The Medical Center at Scottsville will enhance awareness and utilization of the outpatient Diabetes Education Program recognized by the American Diabetes Association and located at the Health & Wellness Center through marketing of services to community and health care providers.
- The Diabetes Prevention program will be offered in conjunction with the Health & Wellness Center to provide education.
 - Classes offered in January, May, September and December 2016
 - DPP Informative Meeting in April 2016
 - Class offered in January, February, March, April, May and September 2017
 - Class offered in April 2018
- Coordinate Diabetes Education Forum for the BRADD area.
 - In place of Forum, diabetes cooking demo with Celebrity Chef and Novo Nordisk in November 2016 – 90 attendees
 - Diabetes Event at the Foundry in November 2016 – 35 attendees
 - Community Diabetes Event – Seasons of Diabetes Care in November 2017-75 attendees
 - Diabetes Health Fair in November 2018- 20 attendees
- Offer Diabetes CEU programs for nursing staff
 - Diabetes Care: New Treatment Guidelines in January 2016
 - Update on Diabetes Mellitus in April 2016
 - Bridging the Education Gap for patients diagnosed with diabetes in Jan 2017 and 2018
- A *90 Seconds to Better Health* TV segment on Diabetes.

- Warning Signs of Diabetes by Dr. Alvarez in February 2016
- Explore opportunities to identify readmissions of patients with a diagnosis of diabetes and enhance the process to refer patients for outpatient diabetes education.
- Explore opportunities to develop a process to identify ED admissions related to complications due to diabetes. Develop a process to assure patients have a regular healthcare provider.
- Diabetes education at hospital community outreach events (Health & Wellness Expo, Women's Conference, etc.).
 - Diabetes booth set up at Health and Wellness Expo in January 2016, 2017, 2018
 - Free blood glucose screenings at Jacksonian Days in April 2016, 2017, and 2018
 - Free blood glucose screenings at The CORE of Scottsville and Allen County in May 2016 – 34 participants
 - 30 Free blood glucose screenings at The Medical Center at Scottsville Fall Health Fair for Allen County in November 2016
 - 50 blood glucose screenings at the Community Health Fair in Allen County in September 2018
- Provide diabetes education to patients in rural counties in conjunction with WKU Mobile Health Unit.
 - Glucose and A1C provided for 23 participants at Brownsville Senior Center in April 2016
 - Glucose provided for 21 participants at BG Retirement Village in May 2016
 - Glucose provided for 12 participants at Morningside Assisted Living in May 2016
 - Glucose provided for 48 participants at Edmonson County Senior Center Health Fair in May 2016
 - Blood glucose and A1C screenings provided for 17 participants at the Edmonson County Health Fair in May 2016
 - Blood Glucose provided for 19 residents at BG Retirement Village in April 2017
 - Blood Glucose provided for 8 residents at Massey Springs Assisted Living in April 2017

- Blood Glucose provided for 29 participants at Chandler Park Memory Care in April 2017
- Blood Glucose provided for 14 participants at Morningside Assisted Living in May 2017
- Blood Glucose provided for 19 participants at Edmonson County Senior Center
- Blood Glucose provided for 12 participants at Chandler Park Assisted Living in May 2017

Obesity:

- Increase awareness and utilization of The Medical Center’s outpatient Medical Nutrition Counseling services located at the Health & Wellness Center through the marketing of services to community and healthcare providers.
- Collaborate with the Health & Wellness Center to work closely with the Registered Dietitian to host the Surgical Weight Loss Support Group to support patients who have undergone or will undergo a surgical weight loss procedure.
 - Surgical Weight Loss Support Group offered monthly
 - Surgical Weight Loss Seminars offered monthly
 - *WellNews* article, “*The Medical Center’s Surgical Weight Loss Program Puts Patients on the Path to a Healthier Life.*” In Spring 2016
- Collaborate with local farmer’s markets on cooking demos, local food events, and healthy recipes for the community.
 - Health and Wellness Expo Cooking Demo with Farmers Market in January 2016
 - Provided healthy recipes to Foster Grandparent Program in Butler County in February 2016
 - Provided healthy recipes to WRECC for Holiday Wellness Challenge in November 2016 – January 2017
- Research grant funding in conjunction with the health department to build a permanent Farmers Market structure to assist in access to fresh fruits & vegetables for individuals.
- Partner with Community Leaders to promote an awareness of the importance of exercise and diet.
 - Zumba exercise class offered to the community in October, November and December 2017 – 8 participants

- Zumba offered to the community in January, February and March 2018 – 6 participants
- Zumba offered to the community in April, May, June and July 2018 – 6 attendees
- Zumba exercise class offered to the community in August, September and October 2018 – 8 participants
- Lunch and Learn at Sumitomo on Healthy Eating in January 2018
- Zumba exercise class offered to the community in October – December 2018
- Zumba exercise class offered to the community in January – March 2019

Cardiovascular:

- Continue to provide education to the community about risk factors associated with heart disease, and stroke and how to modify those risk factors through healthy lifestyle choices. This will be an ongoing campaign utilizing all media outlets, newsletters, programs at Health & Wellness Center and through Worksite Wellness for employer groups, civic organizations, etc.
 - Stroke screenings at Jacksonian Days in April 2016, 2017 and 2018
 - Blood pressure provided for 34 participants at The CORE of Scottsville and Allen County in May 2016.
 - Blood pressure provided for 10 participants at Scottsville Allen Co. Senior Center in May 2016.
 - Blood pressure provided for 50 participants at the Allen County Scottsville Health Fair in November 2016
 - Body Fat and stroke screenings provided for 12 participants at the Allen County Scottsville Health Fair in November 2016
 - 25 Stroke screenings at BAC Health Fair in January 2016
 - 14 stroke screenings at Kentucky Partnership for Family Health and Safety in January 2016
 - 70 stroke screenings at SCA Personal Care in March 2016
 - 21 stroke screenings at HeathCo in March 2016
 - 38 stroke screenings at Simpson County Community Health Fair in March 2016

- 150 students educated at Boys and Girls Club on Brain Protector Program in March 2016
- 670 students educated at Jody Richards Elementary School on Brain Protector Program in April 2016
- 20 adults educated during Foster Grandparent meeting through Community Action on stroke in April 2016
- 21 stroke screenings at The International Health Fair in April 2016
- 153 students educated at the Warren East Middle School Health and Safety Fair on Brain Protector Program in May 2016
- Reached 75 adults on education about stroke at adult day care in May 2016
- Reached 10 seniors on stroke education at Chandler Park Assisted Living in May 2016
- Reached 75 students at The International Center on stroke education in May 2016
- Provided stroke and DVT information at Women in Charge Luncheon in May 2016. Reached 28 women
- Provided 110 stroke screenings at WRECC employees worksite wellness health fair in June 2016
- 35 adults educated on Brain Protector Program at Oakland Baptist Church in August 2016
- Provided stroke/hypertension information to 75 students through the speaker's bureau program at the international center in August 2016
- Provided 30 stroke screenings at Morgantown Care and Rehab in August 2016
- Provided 25 stroke screenings at Signature Healthcare in August 2016
- Provided 23 Stroke screenings at the Healthy Aging Fair in September 2016
- Stroke screenings were provided at the Women's Conference in September 2016. 380 attendees
- Provided 12 stroke screenings at Sister Schubert's Health Fair in October 2016
- Provided 2 stroke screenings at T. Marzetti Health Fair in October 2016

- 35 stroke screenings at Atmos Energy Worksite Wellness Health Fair in November 2016
- Provided 12 stroke screenings at Scottsville Allen County Health Fair in November 2016
- 533 students educated on the Brain Protector Program at Potter Gray Elementary School in November 2016
- 96 stroke screenings were provided at the Health and Wellness Expo in January 2017
- Provided education to 65 adult women on Protecting your Brain at Women in Charge Luncheon in January 2017
- Provided 30 stroke screenings at Franklin Simpson Health Fair in March 2017
- Provided 20 stroke screenings to employees at HeathCo in March 2017
- Provided 105 stroke screenings to employees at Franklin Precision Industry in April 2017
- Provided 15 stroke screenings to seniors at the Healthy Aging Fair in April 2017
- Provided 25 Stroke screenings at Med Center Cafeteria in May 2017
- Provided 43 stroke screenings at Vermont Thread Gage Health Fair May 2017
- Provided blood pressure and stroke screenings to 14 employees at AFNI Health Fair in May 2017
- Provided Brain Protector education program to 275 students at Warren East Middle School May 2017
- Provided Stroke screenings to 18 participants at The Medical Center Albany May 2017
- Provided blood pressure, body fat, blood glucose, lipid profile and stroke screenings to 18 participants at the WRECC Morgantown Health Fair May 2017
- Provided blood pressure, body fat, blood glucose, lipid profile and stroke screenings to 22 participants at the WRECC Franklin Health Fair May 2017
- Provided Stroke/FAST education at Adult Day Care to 50 participants May 2017

- Provided blood pressure, body fat, stroke risk assessment, blood glucose and lipid profile to 63 participants at the WRECC Bowling Green Health Fair May 2017
- Blood pressure, body fat, stroke risk assessment, blood glucose, and lipid profile to 15 participants at the WRECC Leitchfield Health Fair June 2017
- Provided Brain Protectors presentation at The Medical Center teen volunteer orientation to 54 participants June 2017
- Provided 12 blood pressure screenings and 3 stroke risk assessments at the Hot Rods Health Promotion night June 2017
- Blood pressure screenings at the Senior Center in October, November and December 2017 – 22 participants
- Blood Pressure, cholesterol, and Body Fat screenings provided for 150 people at Allen County Scottsville Health Fair in November 2017
- 97 Stroke screenings at Health and Wellness Expo in January 2018
- Lunch and Learn at Sumitomo to 50 employees on Heart Disease in February 2018
- 6 Blood pressure screenings at Senior Center in January 2018
- 9 Blood pressure screening at Senior Center in February 2018
- 11 Blood pressure screenings at Senior Center in April 2018
- 9 Blood pressure screenings at Senior Center in May 2018
- 200 Blood pressure and stroke screenings at Jacksonian Days in April 2018
- 6 Blood pressure screenings at Senior Center in September 2018
- 50 Blood pressure screenings at Smuckers in October 2018
- Continue the systematic approach by the hospital to identify and track all heart failure patients who are admitted. Discharge planning will start at admission and will involve coaching and follow up services post discharge. The goal will be improved quality of life for the patient and reduction of ED visits and readmissions.

Cancer:

- Provide information regarding the fast and effective mammography screenings available at The Medical Center at Scottsville.
 - 541 mammograms were performed in 2016

- Educate providers on the importance of women’s health and the need to order Screening Mammograms.
- Provide education on the hazards of smoking specific to lung cancer (as well as stroke and heart disease) through community outreach events such as the Health & Wellness Expo, Men’s Health Event, Women’s Conference, The Medical Center at Scottsville Health Fair, etc., and through Worksite Wellness and Speakers Bureau.
 - Provided education to 15 residents on the dangers of smoking and lung cancer to Chandler Park Assisted Living in January 2016
 - Provided education to 75 adults on the dangers of smoking and lung cancer to Adult Day Care in February 2016
 - Provided education to 75 students on the dangers of smoking and lung cancer to the International Center in March 2016
 - Provided education on the Dangers of Smoking to 600 Rich Pond Elementary students at the Healthy Kids Fair in March 2017
 - Provided education on the Dangers of Smoking to 300 students at South Warren Middle School at the Health and Safety Fair in May 2017
 - Provided education on the Dangers of Smoking to 350 Rich Pond Elementary students at the Healthy Kids Day in April 2018
 - Provided education on the Dangers of Smoking to 350 students at South Warren Middle School at the Health and Safety Fair in May 2018
- Work in conjunction with community partners for implementation of smoke free environments throughout the community.
- Provide Cooper Clayton Smoking Cessation Classes or Freedom from Smoking Classes at The Medical Center at Scottsville.

Drug, Alcohol Abuse, and Addictions:

- Engage with community partners to promote an awareness of the impact drugs, alcohol and addiction issues bring to the residents of Allen County.

- Collaborate with community partners to increase educational opportunities in regard to drug, alcohol abuse, and addictions.
- Promote the Pain Clinic at The Medical Center at Scottsville as an alternative for those who experience chronic pain.
- Collaborate with the Allen County Sheriff's Department to provide At-Home Drug Test Kits, along with resource information, to parents in the community.
- Support and participate with the Allen County Scottsville School System and other organizations to bring awareness to the risks of driving under the influence.

3. Access to Care

- Promote utilization of the Rural Health Clinic services in lieu of ED visits when appropriate through community and worksite education.
- Promote the Community Clinic as a resource for the uninsured or underinsured for both medical care and dental needs.
 - *WellNews* article, "Community Clinic offers Flexible, Accessible Care" featured in Winter 2016
 - A *90 seconds to better health* TV segment on Benefits of the Community Clinic presented by Dr. Seshadri in July 2016
- Work in conjunction with the community to develop an Inter-Agency Partnership to connect the population to services for their health care needs.

Evaluation/Impact of strategic plan for 2013-2015

1. Continued Partnerships With Key Community Health Providers & Organizations

Key partners and programs are listed below:

- Allen County Health Department
 - Facilitates Cooper Clayton Smoking Cessation Classes
- Allen County Chamber
 - TMC Scottsville hosted Chamber Breakfast on Dental Clinic and Free Clinic

- Appalachia HIDTA (High Intensity Drug Trafficking Area)
 - On the Move mobile trailer for drug prevention 7th and 10th grade
 - Give Me a Reason Drug prevention programs for youth
- National Stroke Association
 - LEAP program for stroke survivors (Lifelong Education and Advocacy Program)
- Kentucky Heart Disease and Stroke Prevention Task Force
 - Care Collaborative blood pressure screening tool
- American Lung Association
 - Freedom from Smoking cessation program
- American Heart Association and Society of Cardiovascular Patient Care
 - Hands only CPR training in the community
 - Heart walk sponsor
 - Early Heart Attack Care
- Norton Healthcare and UK Healthcare Stroke Care Network
 - SCOPE Stroke screenings
 - Brain Protector program
 - Adult Education stroke program
- Barren River District Health Department
 - Barren River Initiative to Get Healthy Together (BRIGHT) Coalition
 - BRIGHT Body Mass Index (BMI) childhood obesity project
 - HIV screenings
 - Community Health Worker program
 - Colon Cancer Screening
 - Diabetes Prevention Program (CDC)
- Fairview Primary Care Center
 - Patient continuum of care for Medical Nutrition Therapy, Diabetes Education and Gestational Diabetes Education
 - Newborn Care and Safety Classes held at Fairview Clinic
- Kentucky Cancer Program
 - KCP representative on Med Center Cancer Committee
 - Assist with coordination of “Plan to Be Tobacco Free” program
 - Colon Cancer screenings
- American Cancer Society- Warren Co. Chapter
 - Assist with transportation of cancer patients
 - Look Good Feel Better Classes
 - ACS representative on Med Center Cancer committee
 - Med Center sponsors Relay for Life

- Medicaid Managed Care Program/Case Management
 - Diabetes Education and Medical Nutrition Therapy for Medicaid patients
- International Center/Refugee Assistance
 - Coordinate monthly health related speakers
- Southcentral Kentucky Community Action
 - Nutrition and Exercise education for Foster Grandparent training program and International students
- Western Kentucky University
 - Department of Public Health-
 - Institute for Rural Health
 - Glucose/A1C screenings in rural counties
 - Bone Density screenings at H&W Center
 - Glucose and Cholesterol testing at H&W Center and CORE
 - Department of Nursing
 - Body Fat and BP screenings at 10K
 - Health Sciences Complex education partnership
- Allen County Schools
 - Distracted Driving Program 2014
- Farmer's Market
 - Food Service/Dietitians work with local farmer's market on cooking demo's and healthy recipes
- WBKO
 - *90 seconds to Better Health*
 - Health & Wellness Expo
 - The Medical Center 10K Classic
- American Red Cross
 - Blood drives sponsored by CHC
- Center for Disease Control (CDC)
 - Diabetes Prevention Program

2. Preventative Care & Disease Management Focus

Diabetes

- *90 Seconds to Better Health* segment on diabetes (3)
 - Dr. Hammad presented and promoted the Diabetes Education program at H&W Center. Aired in June 2014 on WBKO.

- *Dr. Hammad- “Can weight loss surgery cure Type 2 Diabetes” in February 2015*
- *Dr. Hammad presented “Helping Diabetic Patients stay out of the Hospital” in June 2015*
- Diabetes Forum in November 2014. 15 attendees.
- Community Health Worker Program to assist Diabetics with Medicare and Medicaid to prevent readmission
- Met with hospitalists and IT to promote diabetes education and simplify diabetes referral process
- Partnered with Sanofi Pharmaceuticals to present an A1C Champion Class in November 2013. 7 attendees.
- Glucose and HbA1c offered through WKU mobile unit at The CORE in Allen Co.
- Diabetes Prevention Program (4)
 - Class in August 2014
 - Class offered in January and April 2015
 - Class offered to CHC employees in July 2015
- CME and Continuing Education programs on diabetes

- *WellNews* Articles (6)
 - “Type 2 Diabetes: Reduce Your Child’s Risk Now” (Winter *WellNews* 2013).
 - *Education Helps Women Get Diabetes Under Quick Control* (Winter 2014)
 - *Prediabetes: Separating Fact from Fiction* article (Summer 2014)
 - *Take Control of Your Diabetes and Diabetes Disaster Preparedness* (Fall 2014)
 - *Label Logic* (Winter 2015)
 - *Program Promotes Lifestyle Changes to Prevent Diabetes* (Summer 2015)
- Blood glucose screening offered at Health & Wellness Expo 2013-2015
- Group Diabetes Education Camp offered monthly. 35 participants
- Diabetes Support Group offered monthly. 137 participants.
- Speaker’s Bureau on Diabetes (6). We reached a total of 390 people through this program.
- Diabetes Educator saw 318 patients for Diabetes Self-Management Education in 2013, 301 patients in 2014 and 304 patients in 2015.

Obesity

- Medical Nutrition Therapist and Diabetes Educator maintained monthly communication with physicians about programs
- Weight of the Nation forum (2)
 - Offered in August, and October 2013. 150 participants.

- Monthly communication with physicians about Medical Nutrition Therapy and Diabetes Self-Management
- Grocery Store Tours
- Eating Healthy During Holidays
 - Class offered in November 2013
 - Class offered in November 2014
- Healthy Weight / Healthy Life Programs (2 per year)
 - Class offered in January – February 2013
 - Class offered in August – September 2013
 - Class offered in April – May 2014
 - Class offered in August – September 2014
 - Class offered in January – February 2015
 - Class offered in April – May 2015
- The Medical Center 10K Classic training programs
- *WellNews* articles on Nutrition and Obesity (9)
 - *Eating for Two* (Spring 2013)
 - *The Skinny on Childhood Obesity* (Summer 2013)
 - *Dining Out? Choose Healthy Eating from the Menu* (Summer 2013)
 - *Summer Salad Sensations* (Summer 2013)
 - *The Hefty Health Toll of Obesity* (Winter 2013)
 - *The Start to Better Health Is at Home* (Summer 2014)
 - “*Label Logic*” (Winter 2015)
 - “*Resolve to Improve Your Health in 2015*” (Winter 2015)
 - “*7 Rules For Healthy Restaurant Eating*” (Fall 2015)
- Women in Charge luncheon on Wellness (6)
 - Summer Cooking Demonstration with Chef Tim O’nan and Linda Howsen in July 2013
 - 6 Dimensions of Wellness in January 2014
 - KY Health Now in January 2015
 - How Busy Women Balance Nutrition in March 2015
 - Mind, Body, and Spirit in June 2015
 - Benefits of Yoga and Meditation in July 2015
- Healthy Monday tips. Send weekly to 86 industries.
- *90 Seconds to Better Health* (5)
 - *Weight Loss Surgery to Improve Health presented in June 2013*
 - *How Sugar Affects Childhood Obesity presented in July 2013*
 - *Dr. Nwanguma presented on Gastric Sleeve procedure in April 2014*
 - *Dr. Nwanguma speaks about Obesity Health Issues in 2015*
 - *Dr. Nwanguma presented on Bariatric Surgery in January 2015*
- Speaker’s bureau on nutrition and weight management (23). 1,946 people were reached through this program.
- Surgical Weight Loss Support Group and Seminars offered each month
- Better Choices - Better Health

- Class in October – November 2014
- Class in April – May 2015
- Registered Dietitian saw 438 patients in 2013. 519 patients in 2014 and 528 patients in 2015.
- Heart Walk
- March for Babies
- Relay for Life
- Zumba classes offered weekly
- Yoga classes offered weekly
- Limber for Life offered weekly
- Meditation classes offered weekly
- In 2013, 353 individuals participated in our exercise programs. In 2014, 339 participants, and 2015 a total of 374 participants.

Cardiovascular

- Renewed Chest Pain and Stroke Center accreditation
- Stroke Support Groups offered each month
- Stroke screenings. Started program in 2015 and reached 476 individuals.
- Congestive Heart Failure classes (11)
 - Class offered in April, July, and October 2013. 25 participants.
 - Class offered in January, April, July, and October 2014. 18 participants.
 - Class offered in January, June, August, and November 2015. 22 participants
- 911 Campaign/Aspirin Campaign
- Newsletter to physicians
- *WellNews* (15)
 - *Surprising Symptoms May Signal Stroke in Women* (Summer 2013)
 - *AEDs Can Save a Life* (Summer 2013)
 - *Give AFib the Boot with Healthy Habits* (Fall 2013)
 - *A Nation Under Pressure: Are you part of the Hypertension Epidemic* (Spring 2013)
 - *Self-care steps to success for people with heart failure* (Spring 2013)
 - *Heart Attacks have Beginnings* (Winter 2013)
 - *Rehab Helps Stroke Survivors Take Back Their Lives* (Winter 2014)
 - *Tracking Crucial Numbers: Blood Pressure, Cholesterol and Triglycerides* (Spring 2014)
 - *Surviving in the Stroke Belt* (Spring 2014)
 - *Heart Help* (Summer 2014)
 - *New Stroke Guidelines Focus on Educating Women* (Fall 2014)
 - *Making a Leap forward after Stroke* (Winter 2015)
 - *Act FAST when a Stroke Strikes* (Summer 2015)
 - *A Call to 911 Saves Tim Meyer's Life* (Fall 2015)
 - *Stroke Recovery Lasts a Lifetime* (Fall 2015)

- Women in Charge luncheon (4)
 - Stroke Prevention: What Every Woman Needs to Know in August 2013
 - Matters of the Heart in February 2014
 - Heart Attack Symptoms: Differences in Men and Women in August 2014
 - Mind, Body, and Spirit in June 2015
- Lifelong Education and Advocacy Program(LEAP) on stroke prevention (4)
 - Program offered in February and October 2014. 12 attendees.
 - Program offered in March and October 2015. 12 attendees.
- Mended Hearts Support Group offered monthly
- Heart Walk
- March for Babies
- Relay for Life
- Zumba classes offered weekly
- Yoga classes offered weekly
- Limber for Life offered weekly
- Meditation classes offered weekly
- World Stroke Day speaker at Health & Wellness Center in October 2014
- Women's Conference speaker on Cardiovascular health 2014
- Women's Conference speaker on Stroke 2015
- Community Health Worker
- ENSPIRE coach reaching out to Heart Attack and Heart Failure patients
- *90 Seconds to Better Health* (11)
 - *Accredited Chest Pain Center presented in July 2013*
 - *Treating Congestive Heart Failure presented in September 2013*
 - *How Aspirin can help you survive a Heart Attack presented in October 2013*
 - *Irregular Heart Rhythm (Atrial Fibrillation) presented in November 2013*
 - *Ways to Control your Blood Pressure presented in December 2013*
 - *Dr. K Sahetya presented on Door to Balloon times 2014*
 - *Dr. O'Keeffe presented on Coronary Artery Disease in May 2014*
 - *High Cholesterol with Dr. Suh DeKalb (January 2015)*
 - *Treatment to Correct Afib with Dr. Deepak N. Gaba (February 2015)*
 - *Pacemaker and Lead extraction with Dr. Jeffrey Brumfield (May 2015)*
 - *Signs of a Stroke with Dr. William Moss (August 2015)*

Lung Cancer

- Promoted smoking cessation education at all Community Wellness events and health fairs
- Promoted smoking cessation on Worksite Wellness website
- Provided Cooper Clayton Smoking Cessation Facilitator Training to community members in 2013

- Cooper Clayton Class at Health and Wellness Center and at hospitals for CHC employees
 - Class offered in January and September 2013
 - Class offered in January and September 2014
- Participated in the Great American Smokeout 2013
- Survey for Cancer Accreditation complete
- Low dose CT scan lung screenings offered for high risk individuals
- Offered Plan to be Tobacco Free class at H&W Center in November 2014 and promoted at worksites
- Promoted ASPIRE program to middle schools in 2014
- *WellNews* articles on smoking and lung cancer (5)
 - *The Perks of Quitting Smoking: An hour by Hour Guide* (Summer 2013)
 - *Smoke Alarm Are You At Risk for Lung Cancer?* (Spring 2014)
 - *State of the Art Technologies Deliver Clear Images with Less Radiation* (Spring 2015)
 - *Q&A: The Fiery Debate over Electronic Cigarettes* (Spring 2015)
 - *Are you Craving a Cigarette?* (Fall 2015)
- *90 Seconds to Better Health* (4)
 - *Stop Smoking to Lower Your Cancer Risk in August 2013*
 - *Dr. Wallace presented on Low Dose CT scans in March/April 2014*
 - *Dr. Hansbrough presented on Smoking and Lung Cancer in June 2015*
 - *Help Diagnose Lung Cancer/Abnormal Tissue in August 2015*
- Freedom from Smoking Class offered at Health and Wellness Center
 - Class offered July 2015
 - Class offered October 2015

Other Cancer

- Provided information on fast and effective mammography screenings available at TMC Scottsville in October 2013, 2014, and 2015
 - Media interviews promoted mammography services
 - Local paper ads promoted breast cancer awareness
 - Mammography patients received awareness t-shirt
 - Provided information at Scottsville Community Health Fair and Chamber of Commerce
- Provide Cooper Clayton Smoking Cessation Classes in Scottsville by Allen County Health Department in April 2013, 2014, and 2015

Drug and alcohol abuse

- Offered Women in Charge luncheon on “Trends in Drug Abuse” in May 2013
- Promote prescription drop off locations in *WellNews* and other featured articles

- *WellNews* articles (5)
 - Prescription Drug Abuse is on the Rise (Spring 2013)
 - *Recognizing Signs of a Drinking Problem* (Winter 2014)
 - *Help Fight Prescription Drug Abuse* (Promoted “Lock Your Meds Day” and Prescription Drugs Drop off locations (Fall 2014)
 - *The Most Commonly Abused Prescription Drugs* (Spring 2015)
 - *Fighting Teenage Drug Abuse* (Fall 2015)
- Drug kits available at The Medical Center in Scottsville in Fall 2015

Motor Vehicle Crash Death Rate

- *Distracted Driving Simulator* program in March 2014
- Participated in Governor’s pledge by offering window decals that feature the message “No Text on Board.”
- No Text on Board decals distributed at the Fall Health Fair in October 2015

3. Access to Care

- WKU Health Sciences Complex completed August 2013 (allowed WKU to double size of nursing class from 40 to 80 and provides space for the Doctorate of Physical Therapy Program)
- Barren River Community Health Planning Council launched Worksite Wellness website with directory of relevant health resources
- Partner with WKU Institute for Rural Health to promote preventive screenings (A1C and Glucose) in rural communities. Screenings at The CORE in Allen county
- EMS purchased modems to transmit EKG to TMC from rural areas
- Free Clinic and Dental Clinic
- Charity Care guidelines expanded
- Screenings at The Core offered in Scottsville
- EMS has the ability to transmit EKG to TMC from rural areas
- Community Clinic and Dental Clinic expanded to offer medical and dental care to bridge gap in care
- Wellness screenings offered at The Core (former YMCA) in Scottsville monthly
 - Screenings include: blood pressure, women’s health, swallowing, skin cancer, neck and back, knee, fall prevention, carpal tunnel, pulmonary function, diabetic foot, blood sugar, lymphedema, fibromyalgia, dizziness, and memory screenings, balance screening, and dry needling.

Communication Plan

The Medical Center at Scottsville will publish the Community Health Needs Assessment, including the survey results and strategic plan, on its website and make hard copies available to the public upon request. The results will also be incorporated into the hospital's annual IRS tax form 990 submission.

Conclusions

The Medical Center at Scottsville has been totally committed to the Community Health Needs Assessment throughout the process. It has served already to strengthen relationships with other providers of healthcare and organizations in the community. The survey conducted led to data driven identification of key community health needs. The hospital has developed a detailed strategic plan to address these needs over the next three years with the ultimate goal to improve the quality of life in the communities we serve.