



**The Medical Center at Scottsville
Community Health
Needs Assessment &
Strategic Implementation Plan**

November 2012

The Medical Center at Scottsville
Communities Health Needs Assessment Committee

The Medical Center at Scottsville

Community Health Needs Assessment & Strategic Implementation Plan

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Organizational Description

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” and, since 1993, a hospital and long term care and rehab facility in Scottsville, Kentucky under the name “The Medical Center at Scottsville.” The two facilities are part of one corporation but are separately licensed by the State of Kentucky. References herein to “The Medical Center” refer to the combined facilities. References herein to “The Medical Center at Bowling Green” refer to the Corporation’s facilities in Bowling Green, Kentucky, and references herein to “The Medical Center at Scottsville” refer to the Corporation’s facilities in Scottsville, 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 convenient access to experienced doctors, quality healthcare services and health information.

In 1993, Commonwealth purchased the Allen County War Memorial Hospital in Scottsville, KY. On that day, Commonwealth 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 facility with an attached long term care facility, Cal Turner Rehab and Specialty Care. Cal Turner Rehab and Specialty Care is a 110 bed rehabilitation and skilled nursing facility.

The Medical Center at Scottsville also offers inpatient and outpatient physical therapy, a 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 and the contiguous counties of Barren, Logan, Simpson and Warren. According to the 2010 U.S. Census, these counties had a combined population of approximately 244,900 and an estimated July 1, 2011 population of approximately 247,000. Scottsville, Kentucky is the county seat of Allen County, Kentucky, which had a population of 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.

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 within 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. It is one of only 6 Kentucky counties to exceed the national average for entrepreneurial income growth. In the 2010 census, its population experienced a 12% growth rate. Agriculture comprises nearly 167,000 acres in the county, and 94% of its farms are operated by an individual or family. It ranks fifth in cattle & calf production, tenth in beef cows, and tenth in hay production. In 2007, it posted over 38 million dollars in cash receipts from livestock & crops. The community assets are strong and foster exceptional work ethics and responsibility.

The Community offers a state-of-the-art Senior Citizens Center that offers a multitude of activities, as well as a 40,000 square-foot YMCA with programs offered for all ages. It is 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 where the majority of its inpatients and outpatients reside. The Medical Center at Scottsville's primary service area is Allen County Kentucky. It also draws patients from the following zip codes:

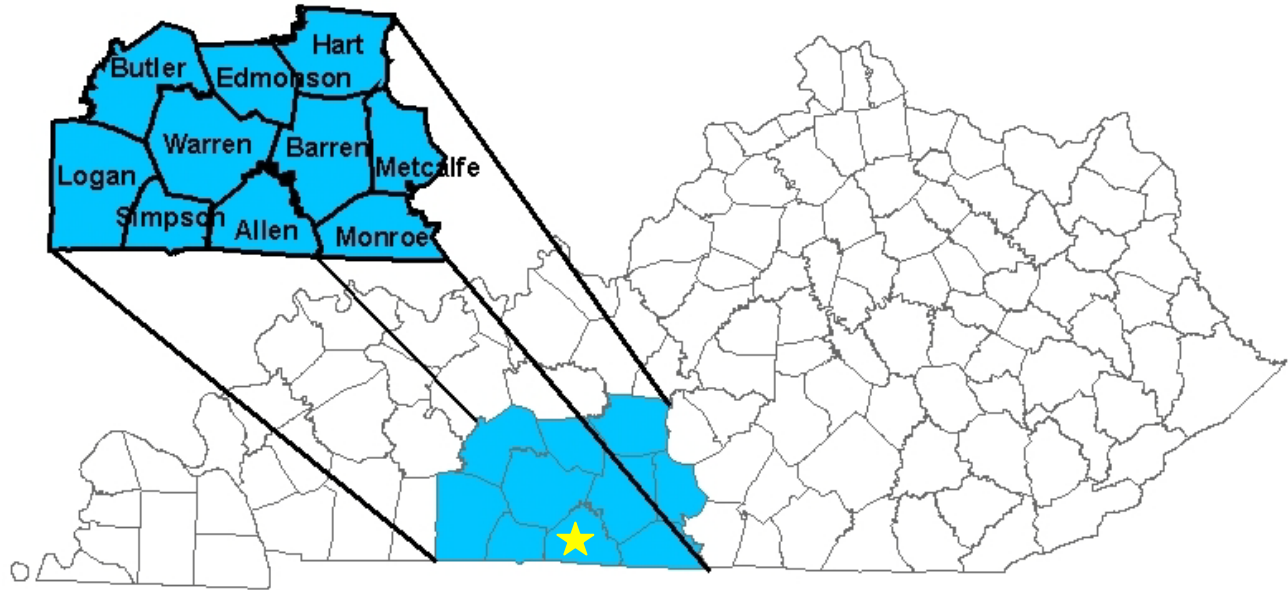
42101 Bowling Green, Warren Co. KY

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 for 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 including the cities of Westmoreland, White House, and Lafayette. It also serves surrounding Kentucky cities such as Alvaton, Austin, Edmonton, Holland, Lucas, Smiths Grove, Tompkinsville and Russell Springs. There are other facilities that share this service area. The Medical Center at Bowling Green in Warren County, The Medical Center at Franklin in Simpson County, TJ Sampson Community Hospital in Barren County, and Monroe County Medical Center in Monroe County.

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
CAL TURNER REHAB AND SPECIALTY CARE	SCOTTSVILLE	LONG TERM CARE	110
BARREN COUNTY HEALTH CARE CENTER	GLASGOW	LONG TERM CARE	94
GLASGOW HEALTH & REHABILITATION CENTER	GLASGOW	LONG TERM CARE	92
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
MORGANTOWN CARE & REHABILITATION CENTER	MORGANTOWN	LONG TERM CARE	122
EDMONSON CARE AND REHABILITATION CENTER	BROWNSVILLE	LONG TERM CARE	74
HART COUNTY HEALTH CARE CENTER	HORSE CAVE	LONG TERM CARE	104
AUBURN HEALTH CARE	AUBURN	LONG TERM CARE	66
CREEKWOOD PLACE NURSING & REHAB CENTER, INC	RUSSELLVILLE	LONG TERM CARE	104
METCALFE HEALTH CARE CENTER	EDMONTON	LONG TERM CARE	71
MONROE HEALTH AND REHABILITATION CENTER	TOMPKINSVILLE	LONG TERM CARE	104
FRANKLIN-SIMPSON NURSING AND REHABILITATION CENTER	FRANKLIN	LONG TERM CARE	98
BOWLING GREEN NURSING AND REHABILITATION CENTER	BOWLING GREEN	LONG TERM CARE	66
CHRISTIAN HEALTH CENTER	BOWLING GREEN	LONG TERM CARE	32
COLONIAL MANOR CARE AND REHABILITATION CENTER	BOWLING GREEN	LONG TERM CARE	48
GREENWOOD NURSING & REHABILITATION CENTER	BOWLING GREEN	LONG TERM CARE	128
HOPKINS CARE AND REHABILITATION CENTER	WOODBURN	LONG TERM CARE	50
KINDRED TRANSITIONAL CARE AND REHABILITATION ROSEWOOD	BOWLING GREEN	LONG TERM CARE	176
MAGNOLIA VILLAGE CARE AND REHABILITATION CENTER	BOWLING GREEN	LONG TERM CARE	60
THE MEDICAL CENTER AT SCOTTSVILLE	SCOTTSVILLE	CRITICAL ACCESS HOSPITAL	25
T J SAMSON COMMUNITY HOSPITAL	GLASGOW	ACUTE	180
CAVERNA MEMORIAL HOSPITAL	HORSE CAVE	CRITICAL ACCESS HOSPITAL	25
LOGAN MEMORIAL HOSPITAL	RUSSELLVILLE	ACUTE	75
MONROE COUNTY MEDICAL CENTER	TOMPKINSVILLE	ACUTE	49
THE MEDICAL CENTER AT FRANKLIN	FRANKLIN	CRITICAL ACCESS HOSPITAL	25
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
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
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
GLASGOW KIDNEY CENTER	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 ACADEMY OF GLASGOW I	CAVE CITY	PRTF I	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 REHABILATION CENTER	GLASGOW	REHAB	0
THE BARREN RIVER REGIONAL CANCER CENTER, INC.	GLASGOW	SPECIALIZED MEDICAL TECHNOLOGY SERVICES	0
CERTIFIED MEDICAL ASSOCIATES	MIDDLETOWN	MOBILE HEALTH SERVICE	0
MORGANTOWN CARE AND REAHBILIATION CENTER	MORGANTOWN	REHAB	0
ORTHOPEDICS PLUS PHYSICAL THERAPY - MORGANTOWN	MORGANTOWN	REHAB	0
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
THE OLE HOMEPLACE ADULT DAY HEALTH CARE CENTER – HART CO.	MUNFORDVILLE	ADULT DAY HEALTH	0
HEARTLAND REHABILATION SERVICES	HORSE CAVE	REHAB	0
CAVERNA MEMORAIL HOSPITAL PHYSICIANS OFFICES	HORSE CAVE	RURAL HEALTH CLINIC	0
CMH MUNFORDVILLE PHYSICIANS OFFICE	MUNFORDVILLE	RURAL HEALTH CLINIC	0
FAMILY MEDICAL CENTER OF HART COUNTY	MUNFORDVILLE	RURAL HEALTH CLINIC	0
ACTIVE DAY OF RUSSELLVILLE	RUSSELLVILLE	ADULT DAY HEALTH	0
LIFELINE HEALTH CARE OF LOGAN CO.	RUSSELLVILLE	HOME HEALTH AGENCY	0
AUBURN COMMUNITY FAMILY CLINIC	AUBURN	LIMITED SERVICE CLINIC	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
EDMONTON ADULT DAY HEALTH CARE	EDMONTON	ADULT DAY HEALTH	0
METCALFE CO. ADULT DAY CARE	EDMONTON	ADULT DAY HEALTH	0
METCALFE HEALTH CARE CENTER	EDMONTON	REHAB	0
EDMONTON PRIMARY CARE CENTER	EDMONTON	RURAL HEALTH CLINIC	0
KELLY SERVICES, INC.	EAST BRUNSWICK	NP	0
MONROE COUNTY MEDICAL CENTER	TOMPKINSVILLE	ADULT DAY HEALTH	0
MONROE COUNTY MEDICAL CENTER HOME HEALTH AGENCY	TOMPKINSVILLE	HOME HEALTH AGENCY	0
FOUNTAIN RUN RURAL HEALTH CLINIC	FOUNTAIN RUN	RURAL HEALTH CLINIC	0
LIVING WELL HEALTHCARE, LLC	TOMPKINSVILLE	RURAL HEALTH CLINIC	0
TERESA SHEFFIELD, APRN, LLC	TOMPKINSVILLE	RURAL HEALTH CLINIC	0
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
COMMONWEALTH HEALTH FREE 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
SCOTTSVILLE PRIMARY CARE CLINIC	Scottsville	PHYSICIAN OFFICE/LAB	0
DICKINSON, L. G.	GLASGOW	PHYSICIAN OFFICE/LAB	0
DOCTORS CLINIC	CAVE CITY	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
SAHETYA MEDICAL GROUP	BROWNSVILLE	PHYSICIAN OFFICE/LAB	0
CAVERNA MEMORAIL HOSPITAL	HORSE CAVE	PHYSICIAN OFFICE/LAB	0
FAMILY MEDICAL CENTER	MUNFORDVILLE	PHYSICIAN OFFICE/LAB	0
FAMILY MEDICAL CENTER OF HART COUNTY	MUNFORDVILLE	PHYSICIAN OFFICE/LAB	0
DEWEY E. WOOD, M.D.	RUSSELLVILLE	PHYSICIAN OFFICE/LAB	0
DR. ERIN M. RANCK MEDICAL PRACTICE	RUSSELLVILLE	PHYSICIAN OFFICE/LAB	0
CARTER, ANTHONY	TOMPKINSVILLE	PHYSICIAN OFFICE/LAB	0
JOHN V. ADAMS, M.D.	FRANKLIN	PHYSICIAN OFFICE/LAB	0
THE MEDICAL CENTER AT FRANKLIN	FRANKLIN	PHYSICIAN OFFICE/LAB	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

STELLAR HEALTH CARE	SMITHS GROVE	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
ANATOMIC PATHOLOGY LABORATORY OF GLASGOW	GLASGOW	LAB	0
SOUTHERN MEDICAL LABORATORY	GLASGOW	LAB	0
FAMILY MEDICAL CENTER OF HART COUNTY	MUNFORDVILLE	LAB	0
BOWLING GREEN ASSOCIATES, PATHOLOGISTS LAB	BOWLING GREEN	LAB	0
PREVENTION LIFESKILLS, INC	BOWLING GREEN	ALCOHOL AND DRUG ADDICTION	0

*** Kentucky Cabinet for Health and Family Services. (2012).BRADD Licensed Health Care Facilities [Table]. *OIG Directories*.Retrieved from URL<http://chfs.ky.gov/os/oig/directories.htm>.

The Medical Center at Scottsville's Patient Origin Discharges from 1/1/2011 to 6/30/2012

Zip Code	Inpatient Discharges	Outpatient Discharges	% of total Inpatient Discharges	% of Total Outpatient Discharges
Other Zips	17	540	1.47%	1.70%
95205		15	0.00%	0.05%
42166	1	16	0.09%	0.05%
37150		17	0.00%	0.05%
42129	1	28	0.09%	0.09%
42127		33	0.00%	0.10%
42261		33	0.00%	0.10%
42102		42	0.00%	0.13%
42156	1	69	0.09%	0.22%
42123	4	72	0.34%	0.23%
37148	6	77	0.52%	0.24%
42171	2	80	0.17%	0.25%
42167	10	88	0.86%	0.28%
37083		103	0.00%	0.32%
42103	6	137	0.52%	0.43%
42122	2	150	0.17%	0.47%
42153	7	175	0.60%	0.55%
42104	12	203	1.03%	0.64%
37186	1	205	0.09%	0.64%
42141	6	299	0.52%	0.94%
42134	10	344	0.86%	1.08%
42101	22	452	1.90%	1.42%
42133	35	647	3.02%	2.03%
42120	94	3445	8.10%	10.81%
42164	923	24588	79.57%	77.18%
Total	1160	31858	100.00%	100.00%
Grand Total		33018		

Mission, Vision, and Values

MISSION

The Medical Center at Scottsville's 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 the needs of individuals are met and that efforts are not duplicated.
- To create a sustainable process for conducting a Community Health Needs Assessment that can 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.
- Report to the Internal Revenue Service via its 990 tax form how it is meeting its implementation plan.

The Community Health Needs Assessment Report details the process used to collect, disseminate and prioritize the information in the assessment. The Medical Center at Scottsville worked closely with local healthcare and public health leaders throughout the assessment process.

Through this health planning The Medical Center at Scottsville is able to determine our patient's health needs and begin to address some of these needs during treatment and after discharge. Some specific areas of concern to this area are the lack of mammography screenings, the county average is well below the state average, occurrence of lung cancer in this area, Cardiovascular Disease, Obesity, and Motor Vehicle Crash Deaths. Through proper planning and community outreach The Medical Center at Scottsville should be able to make improvements in awareness of these health issues.

The end result of the assessment process was the 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.

The hospital used the data collected through the survey to develop a strategic plan that addresses strengthening of partnerships with community health providers and organizations, preventive care and disease management, and access to care.

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

Community 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	4,314,113	23.6%	13.2%
Allen	18,982	23.7%	14.2%
Barren	41,747	24.1%	15.3%
Butler	13,329	22.3%	13.8%
Edmonson	11,926	21.2%	14.8%
Hart	18,396	24.1%	14.2%
Logan	27,174	24.8%	15.0%
Metcalfe	10,063	23.5%	16.2%
Monroe	11,569	23.5%	16.1%
Simpson	17,019	23.8%	14.1%
Warren	108,669	23.0%	11.2%

Race/Ethnicity

County	African American	American Indian/ Alaskan Native	Asian	Native Hawaiian/ Other Pacific Islander	Hispanic
Allen	1.4	0.2	0.1	0	1.3
Barren	4.2	0.2	0.6	0	1.6
Butler	1.2	0.2	0.2	0	3.5
Edmonson	1.7	0.4	0.2	0	1
Hart	5.3	0.2	0.1	0	1.4
Logan	7.4	0.2	0.3	0	2
Metcalfe	2	0.2	0.1	0	0.9
Monroe	2.8	0.2	0.3	0	3.6
Simpson	9.7	0.2	1.3	0.1	1.3
Warren	8.8	0.3	1.4	0.1	4.4

Education Level

County	High School Graduation		Some College (post-secondary education)					
	AFGR	Z-Score	PSED Num	Population	PSED	95% CI - Low	95% CI - High	Z-Score
Allen	82	-0.43	2098	5115	41	34.5	47.5	0.4
Barren	88	-1.31	5093	10770	47.3	42.8	51.8	-0.2
Butler	73	0.73	1475	3332	44.3	35.2	53.4	0.09
Edmonson	79	-0.14	1064	2905	36.6	28.8	44.4	0.83
Hart	60	2.54	1499	4458	33.6	27.7	39.5	1.12
Logan	85	-0.93	2451	6900	35.5	30.4	40.7	0.93
Metcalfe	63	2.14	718	2463	29.2	19.9	38.4	1.55
Monroe	83	-0.59	978	2618	37.4	25.6	49.1	0.76
Simpson	75	0.45	2045	4517	45.3	36.9	53.7	-0.01
Warren	85	-0.93	16869	29014	58.1	54.8	61.5	-1.25
Kentucky	78		633221	1152312	55	54.4	55.5	

Poverty Level and Median Household Income

County	# Children in Poverty	% Children in Poverty	Median Household Income
Allen	1493	31	\$35,617.00
Barren	2867	29	\$38,000.00
Butler	825	29	\$35,162.00
Edmonson	785	30	\$34,849.00
Hart	1658	37	\$31,733.00
Logan	1775	28	\$37,316.00
Metcalfe	852	36	\$28,538.00
Monroe	972	39	\$28,074.00
Simpson	1057	25	\$40,905.00
Warren	6464	26	\$41,001.00
Kentucky	261696	26	\$40,089.00

Unemployment Rates

County	# Unemployed	Labor Force	% Unemployed
Allen	1086	8654	12.5%
Barren	2311	19195	12.0%
Butler	694	5636	12.3%
Edmonson	709	5390	13.2%
Hart	882	8475	10.4%
Logan	1298	12823	10.1%
Metcalf	606	4294	14.1%
Monroe	549	4762	11.5%
Simpson	1166	9263	12.6%
Warren	5351	59582	9.0%

Source: 2012 County Health Ranking Kentucky Data for all above tables

Cancer Incidence Rates

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, 2005-2009		
Site	Barren River Area Age Adjusted Rate	Allen County Age Adjusted Rate
All Sites	547.5	489.8
Prostate (males only)	124.6	113.7
Lung and Bronchus	105.8	88
Breast	73.7	56.3
Colon & Rectum	59	
Melanoma of the Skin	32.1	26.2
Urinary Bladder	22.7	17.1
Miscellaneous	22	18
Kidney and Renal Pelvis	20.5	15.7
Corpus Uteri (females only)	20	17.5
Non-Hodgkin Lymphoma	19.5	21.1
Ovary (females only)	13.4	11.9
In Situ Breast	12.2	6.5
Thyroid	12	11.4
Cervix Uteri (females only)	10.1	10.4
Pancreas	9.9	11.7
All Other Causes	100.7	123.6

Source: KY Cancer Registry, 2005-2009 Data

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, 2012 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. A better understanding of the factors that affect the health of the community will assist with improving the community's lifestyle, 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 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: how long people live (mortality) and how healthy people feel (morbidity). These outcomes are the result of a collection of health factors 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 (6 measures)
 - Clinical care (5 measures)
 - Social and economic (7 measures)
 - Physical environment (4 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 lifestyle, culture, and environment.

The following tables, from County Health Rankings, summarize the 2011 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 47 and 76 out of 120 counties), each measure was significantly below national benchmarks with opportunities 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 highlighted cells show areas where Allen County is below the state average, identifying specific needs to address. Allen County has significant room for improvement in the following areas:

- Health Behavior/ Adult Obesity
- Health Behavior/ Adult Smoking
- Health Behavior/ Motor Vehicle Crash Death Rate
- Clinical Care/ Diabetic Screening
- Clinical Care/ Mammography Screening

	Kentucky	Allen	Warren	Simpson	Barren	Monroe
Health Outcomes		47	19	22	43	63
Mortality		39	13	35	37	74
Premature death	8,781	8,525	7,204	8,438	8,492	9,964
Morbidity		63	32	11	60	49
Poor or fair health	22%	26%	20%	16%	25%	23%
Poor physical health days	4.7	5.2	4.5	4.4	4.6	5.2
Poor mental health days	4.3	5.9	4.2	3.5	3.9	4
Low birth weight	9.00%	7.90%	8.50%	7.90%	9.30%	8.60%
Health Factors		76	11	61	18	96
Health Behaviors		64	10	39	12	69
Adult smoking	27%	33%	27%	26%	27%	28%
Adult obesity	33%	34%	29%	32%	29%	35%
Physical inactivity	31%	29%	29%	36%	31%	34%
Excessive drinking	11%	6%	11%	9%	9%	11%
Motor vehicle crash death rate	22	38	17	33	21	42
Sexually transmitted infections	311	215	275	223	183	61
Teen birth rate	52	55	38	70	64	63
Clinical Care		96	19	53	8	120
Uninsured	17%	17%	17%	17%	17%	22%
Primary care physicians	922:01:00	2,721:1	896:01:00	1,217:1	511:01:00	1,439:1
Preventable hospital stays	104	116	94	147	94	231
Diabetic screening	82%	71%	84%	81%	82%	62%
Mammography screening	63%	45%	66%	61%	59%	37%
Social & Economic Factors		77	28	79	53	88
High school graduation	78%	82%	85%	75%	88%	83%
Some college	55%	41%	58%	45%	47%	37%
Unemployment	10.50%	12.50%	9.00%	12.60%	12.00%	11.50%
Children in poverty	26%	31%	26%	25%	29%	39%
Inadequate social support	20%	19%	17%	18%	23%	22%
Children in single-parent households	32%	36%	33%	34%	29%	41%
Violent crime rate	288	75	342	234	129	74
Physical Environment		33	90	93	40	1
Air pollution-particulate matter days	2	0	1	0	0	0
Air pollution-ozone days	2	0	1	4	0	0
Access to recreational facilities	8	5	6	6	7	17
Limited access to healthy foods	7%	0%	12%	0%	2%	2%
Fast food restaurants	54%	54%	50%	57%	60%	50%

Healthcare Resources

The availability of health resources is a critical component to the health of a community'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, result 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 healthcare resources to the residents of Allen, Barren, Butler, Edmonson, Hart, Logan, Metcalfe, Monroe, Simpson, and Warren Counties.

THE MEDICAL CENTER IMPLEMENTATION STRATEGIES FOR ADDRESSING COMMUNITY HEALTH NEEDS 2013 – 2015

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 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 Community Health Planning Council. 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's service area:

American Cancer Society
Kentucky Heart & Stroke Association
Allen County Health Department
Allen County Schools
Kentucky Cancer Program
Medicaid Managed Care Organizations/Case Management
Refugee Assistance Center
Southcentral Kentucky Community Action
Western Kentucky University Institute for
Rural Health-Mobile Health & Wellness Unit

YMCA 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 and Alcohol Abuse and Addiction. The hospital's plan to address these 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 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.
- Provide Community Diabetes Education Forums.
- Physician CME Diabetes Program.
- Articles on the benefits of Diabetes Education in hospital's community newsletter, *WellNews*, and in the hospital's *Physician Newsletter*.
- A *90 Seconds to Better Health* TV segment on diabetes.
- 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 ensure patients have a regular healthcare provider.
- Diabetes education at hospital community outreach events (Health & Wellness Expo, Women's Conference, etc.).
- Free blood glucose screenings at The Medical Center at Scottsville Fall Health Fair for Allen County.
- Offer onsite Diabetes Education Classes for employer groups through The Medical Center Worksite Wellness Program.

- Provide diabetes education through the Commonwealth Health Free Clinic.
- Research feasibility of providing diabetes education to patients in rural counties in conjunction with WKU Mobile Health Unit.

Obesity:

- Increase awareness and utilization of The Medical Center's Outpatient Medical Nutrition Counseling Services, located at the Health & Wellness Center, through marketing of services to community and healthcare providers.
- Community Forum to address obesity epidemic utilizing the HBO documentary *Weight of the Nation* in 2013.
- Offer Healthy Weight/Healthy Life Classes at the Health & Wellness Center twice a year, and make the classes available for onsite employer groups.
- Provide Healthy Eating presentations by a registered dietitian to school groups, civic organizations, employer groups, etc.
- 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.

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, and programs at the Health & Wellness Center through Worksite Wellness for employer groups, civic organizations, etc.
- Continue the systematic approach by the hospital to identify and track all congestive 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.
- Research the feasibility of starting a Heart Failure Clinic through utilization of the WKU Mobile Health Unit.

Cancer:

- Provide information regarding the fast and effective mammography screenings available at The Medical Center at Scottsville.
- Educate providers on the importance of women's health and the need to order Mammography Screenings.
- 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, Medical Center at Scottsville Health Fair, and through Worksite Wellness and Speakers Bureau.
- Work in conjunction with community partners for implementation of smoke free environments throughout the community.
- Provide Cooper Clayton Smoking Cessation Classes at The Medical Center at Scottsville.

Motor Vehicle Crash Death Rate:

- Work in conjunction with community partners to educate adults and children on the importance of safe driving and seatbelt use.
- Provide education on not texting and driving through awareness initiatives.
- Participate with the Governor's pledge against texting while driving, by offering the window decals that feature the message "No Text on Board".
- Support and participate with Mothers Against Drunk Driving (MADD) and other organizations that bring awareness to driving under the influence.

3. Access to Care

- Promote utilization of the Rural Health Clinic services in lieu of ED visits through community and worksite education when appropriate.
- Research the expansion of the Fountain Run Rural Health Clinic hours and services offered to that part of the region.

- Work in conjunction with community health partners to develop a directory of available health services and resources for the community.
- Research feasibility of working in conjunction with WKU Mobile Health & Wellness Unit to provide preventative and limited primary care to underserved areas.

Communication Plan

The Medical Center at Scottsville will publish the Community Health Needs Assessment, including the survey results and strategic plan, on its web site 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 healthcare providers and organizations in the community. The survey conducted lead 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 for the individuals in the communities we serve.