



The Medical Center

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

The Medical Center at Bowling Green**Community Health Needs Assessment & Strategic Implementation Plan****Table of Contents**

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Organizational Description

Bowling Green-Warren County Hospital Corporation (the "Corporation"), is a 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 October 1996, a hospital and nursing home 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 facility in Bowling Green, Kentucky, and references herein to "The Medical Center at Scottsville" refer to the Corporation's facility 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 ("CHC"), under a holding company arrangement, which was established in 1984. CHC 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 1949, 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.

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.

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.

In 1982, a cancer treatment center was added. In 1984 and again in 1990, the outpatient service area was expanded.

In 1985, the Corporation assisted an affiliate, Commonwealth Medical Plaza Corp., in developing a 29,156 square foot medical office building adjacent to The Medical Center at Bowling Green. Today, the Corporation holds a 92% equity interest in the limited partnership that owns the building.

In 1992, a magnetic resonance imaging facility was acquired adjacent to The Medical Center at Bowling Green campus. In 1997, the Corporation built a 50,000 square foot medical office building adjacent to its outpatient service area.

In 2004, The Medical Center at Bowling Green completed new construction of approximately 59,500 square feet to house an expanded new ambulatory surgical area and an expanded emergency department. The two floor structure was constructed across High Street and is connected to the main hospital via an elevated floor housing the post anesthesia care unit. In addition, renovation of 23,000 square feet of the existing facility was completed to relocate and serve the growing needs of the Diagnostic Imaging Center and surgical areas.

In 2009, The Medical Center at Bowling Green completed new construction consisting of two additional floors above the existing Emergency Department and Ambulatory Surgery wing of The Medical Center at Bowling Green. The new additional floors are supported by ancillary services across the connected bridge way. The project includes construction of a new egress stairwell to serve the new third and fourth floors only. The existing second floor is augmented with approximately 953 square feet of new infill construction adjacent to the new stairwell. The new third and fourth floors each contain approximately 23,238 square feet of space and accommodate 24 acute inpatient beds each. This expansion provided space to allow The Medical Center at Bowling Green to bring on-line its entire complement of 337 licensed beds.

In 2012, The Medical Center acquired Western Kentucky Diagnostic Imaging (“WKDI”) to expand the hospital’s diagnostic imaging capacity.

In August, 2013, The Medical Center completed and opened an approximately 73,471 square foot, three story building known as The Medical Center - WKU Health Sciences Complex. Approximately 80% of the building is leased to Western Kentucky University under a 25 year “triple net” lease. The building houses the University’s School of Nursing and Doctor of Physical Therapy programs. The Medical Center uses the remainder of the building for staff education purposes, including bed labs with state-of-the-art equipment such as patient simulators, including an iStan virtual patient. Today, The Medical Center at Bowling Green’s buildings have expanded to contain a total of



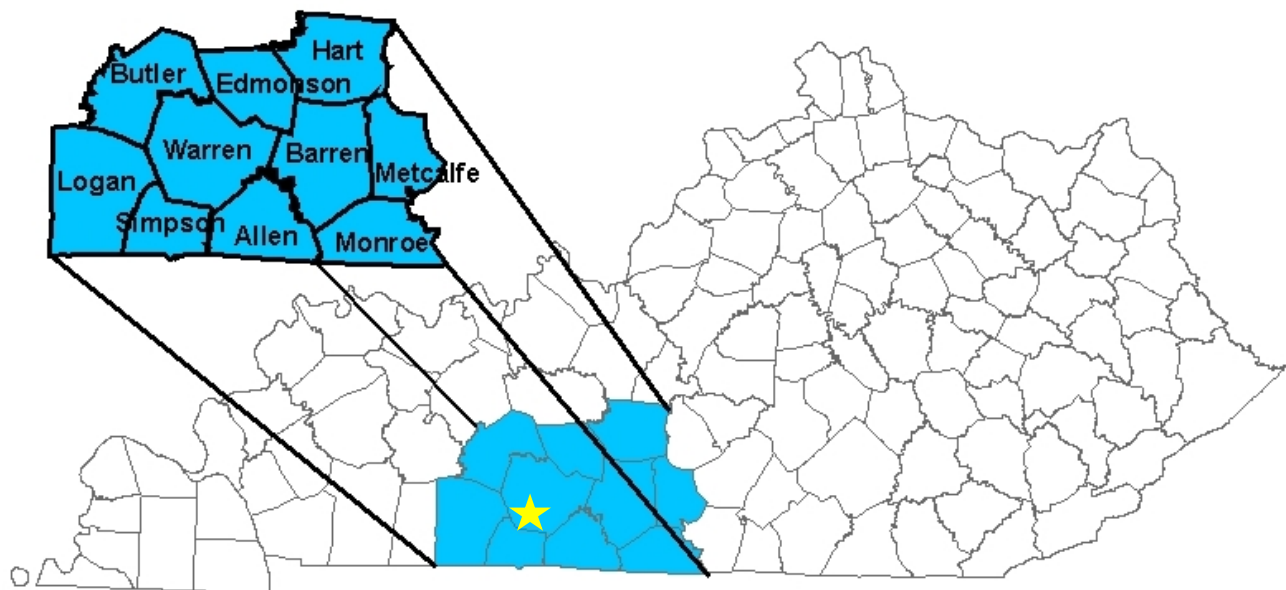
approximately 530,000 square feet of space located on its approximately 56 acre campus. .

Service Area Description

The primary service area for The Medical Center is Warren County and the contiguous counties of Allen, Barren, Butler, Edmonson, Logan, and Simpson, which had a population according to the 2010 U.S. Census of approximately 244,900 and an estimated July 1, 2014 population of approximately 282,847. Bowling Green, Kentucky, where the Corporation’s major facilities are located, is the county seat of Warren County. According to the 2010 U.S. Census, Bowling Green had a population of approximately 58,000 and Warren County had a population of approximately 120,460. Bowling Green has recently been designated a metropolitan statistical area. Scottsville, Kentucky, where the Corporation’s Scottsville Facility is located, is the county seat of Allen County, Kentucky, which had a population of approximately 20,000 according to the 2010 U.S. census.

The Medical Center at Bowling Green CHNA Service Area

★ The Medical Center at Bowling Green



Existing Licensed Healthcare Resources in BRADD Area

*** Kentucky Cabinet for Health and Family Services. (2015). BRADD Licensed Health Care Facilities [Table]. *OIG Directories*. Retrieved from URL <http://chfs.ky.gov/os/oig/directories.htm>.

County	Facility Name	City	Certified Beds	Type
ALLEN	CAL TURNER REHAB AND SPECIALTY CARE	SCOTTSVILLE	110	LONG TERM CARE
BARREN	DIVERSICARE OF GLASGOW	GLASGOW	94	LONG TERM CARE
BARREN	GLASGOW HEALTH & REHABILITATION CENTER	GLASGOW	68	LONG TERM CARE
BARREN	GLASGOW STATE NURSING FACILITY	GLASGOW	100	LONG TERM CARE
BARREN	GLENVIEW HEALTH CARE FACILITY	GLASGOW	60	LONG TERM CARE
BARREN	NHC HEALTHCARE, GLASGOW	GLASGOW	194	LONG TERM CARE
BARREN	T J SAMSON COMMUNITY HOSPITAL	GLASGOW	16	LONG TERM CARE
EDMONSON	EDMONSON CENTER	BROWNSVILLE	74	LONG TERM CARE
HART	HART COUNTY HEALTH & REHABILITATION CENTER	HORSE CAVE	104	LONG TERM CARE
LOGAN	AUBURN HEALTH CARE	AUBURN	66	LONG TERM CARE
LOGAN	CREEKWOOD PLACE NURSING & REHAB CENTER, INC	RUSSELLVILLE	104	LONG TERM CARE
METCALFE	METCALFE HEALTH CARE CENTER	EDMONTON	71	LONG TERM CARE
MONROE	MONROE HEALTH AND REHABILITATION CENTER	TOMPKINSVILLE	104	LONG TERM CARE
SIMPSON	FRANKLIN-SIMPSON NURSING AND REHABILITATION CENTER	FRANKLIN	98	LONG TERM CARE
WARREN	BOWLING GREEN NURSING AND REHABILITATION CENTER	BOWLING GREEN	66	LONG TERM CARE



WARREN	CHRISTIAN HEALTH CENTER	BOWLING GREEN	114	LONG TERM CARE
WARREN	COLONIAL CENTER	BOWLING GREEN	48	LONG TERM CARE
WARREN	GREENWOOD NURSING & REHABILITATION CENTER	BOWLING GREEN	128	LONG TERM CARE
WARREN	HOPKINS CENTER	WOODBURN	50	LONG TERM CARE
WARREN	MAGNOLIA VILLAGE	BOWLING GREEN	60	LONG TERM CARE
WARREN	SIGNATURE HEALTHCARE OF BOWLING GREEN	BOWLING GREEN	176	LONG TERM CARE
ALLEN	THE MEDICAL CENTER AT SCOTTSVILLE	SCOTTSVILLE	25	CRITICAL ACCESS HOSPITAL
BARREN	TJ SAMSON HOSPITAL	GLASGOW	180	ACUTE
HART	CAVERNA MEMORIAL HOSPITAL	HORSE CAVE	25	CRITICAL ACCESS HOSPITAL
MONROE	MONROE COUNTY MEDICAL CENTER	TOMPKINSVILLE	49	ACUTE
SIMPSON	THE MEDICAL CENTER AT FRANKLIN	FRANKLIN	25	CRITICAL ACCESS HOSPITAL
WARREN	GREENVIEW REGIONAL HOSPITAL	BOWLING GREEN	211	ACUTE
WARREN	RIVENDELL BEHAVIORAL HEALTH SERVICES	BOWLING GREEN	125	PSYCHIATRIC
WARREN	SOUTHERN KY REHAB HOSPITAL	BOWLING GREEN	60	REHAB
WARREN	THE MEDICAL CENTER AT BOWLING GREEN	BOWLING GREEN	337	ACUTE
BARREN	T J SAMSON AMBULATORY CARE CENTER	GLASGOW	0	AMULATORY CARE CLINIC
BARREN	MCPEAK SURGERY CENTER	GLASGOW	0	AMBULATORY SURGICAL CENTER
BUTLER	ANDREA'S MISSION FOR MEN	MORGANTOWN	0	DUAL BEHAVIORAL HEALTH SERVICES ORG AND AODE FACILITY



WARREN	LIFESKILLS	BOWLING GREEN	0	COMMUNITY MENTAL HEALTH CENTER
LOGAN	ACTIVE DAY OF RUSSELLVILLE	RUSSELLVILLE	0	ADULT DAY HEALTH
WARREN	BARREN RIVER ADULT DAY CARE CENTER	BOWLING GREEN	0	ADULT DAY HEALTH
METCALFE	SHUFFETT'S ADULT DAY CARE, INC	EDMONTON	0	ADULT DAY HEALTH
METCALFE	METCALFE COUNTY ADULT DAY CARE	EDMONTON	0	ADULT DAY HEALTH
HART	THE OLE HOMEPLACE ADULT DAY HEALTH CARE CENTER-HAR	MUNFORDVILLE	0	ADULT DAY HEALTH
WARREN	ACTIVE DAY OF BOWLING GREEN	BOWLING GREEN	0	ADULT DAY HEALTH
MONROE	MONROE COUNTY MEDICAL CENTER	TOMPKINSVILLE	0	ADULT DAY HEALTH
EDMONSON	ACTIVE DAY OF BROWNSVILLE	BROWNSVILLE	0	ADULT DAY HEALTH
BARREN	JUST FAMILY, INC	GLASGOW	0	ADULT DAY HEALTH
WARREN	FRESENIUS MEDICAL CARE BOWLING GREEN WARREN COUNTY	BOWLING GREEN	0	END STAGE RENAL DIALYSIS
WARREN	DIALYSIS OF WARREN COUNTY	BOWLING GREEN	0	END STAGE RENAL DIALYSIS
BARREN	T J SAMSON KIDNEY CARE	GLASGOW	0	END STAGE RENAL DIALYSIS
BARREN	FRESENIUS MEDICAL CARE GLASGOW	GLASGOW	0	END STAGE RENAL DIALYSIS
WARREN	RAINBOW, LLC	BOWLING GREEN	0	HOME HEALTH AGENCY
MONROE	LIFELINE HOME HEALTH	TOMPKINSVILLE	0	HOME HEALTH AGENCY
BARREN	T. J. SAMSON COMM HOSP HOME CARE PROGRAM	GLASGOW	0	HOME HEALTH AGENCY
WARREN	THE MEDICAL CENTER HOME CARE PROGRAM	BOWLING GREEN	0	HOME HEALTH AGENCY



WARREN	LIFELINE HEALTH CARE OF WARREN	BOWLING GREEN	0	HOME HEALTH AGENCY
LOGAN	LIFELINE HEALTH CARE OF LOGAN	RUSSELLVILLE	0	HOME HEALTH AGENCY
WARREN	HOSPICE OF SOUTHERN KENTUCKY, INC	BOWLING GREEN	0	HOSPICE
BARREN	T J SAMSON COMMUNITY HOSPITAL HOSPICE	GLASGOW	0	HOSPICE
WARREN	HOSPICE OF SOUTHERN KENTUCKY	BOWLING GREEN	0	HOSPICE
WARREN	QUICK CARE CLINIC	BOWLING GREEN	0	LIMITED SERVICES CLINIC
BARREN	THE CLINIC AT WALMART	GLASGOW	0	LIMITED SERVICES CLINIC
WARREN	OHP WALK-IN CARE	BOWLING GREEN	0	LIMITED SERVICES CLINIC
WARREN	OHP WALK-IN CARE	BOWLING GREEN	0	LIMITED SERVICES CLINIC
WARREN	WESTERN KY UNIVERSITY HEALTH & WELLNESS MOBILE UNIT	BOWLING GREEN	0	MOBILE HEALTH SERVICE
MONROE	CONVACARE SERVICES	BLOOMINGTON	0	MOBILE HEALTH SERVICE
BUTLER	A-1 HEALTHCARE	HAMILTON	0	MOBILE HEALTH SERVICE
BUTLER	CERTIFIED MEDICAL ASSOCIATES	MIDDLETOWN	0	MOBILE HEALTH SERVICE
BARREN	LINCARE, INC	GLASGOW	0	MOBILE HEALTH SERVICE
WARREN	LINCARE, INC	BOWLING GREEN	0	MOBILE HEALTH SERVICE
LOGAN	LIFESKILLS RESIDENTIAL DEVELOPMENT	RUSSELLVILLE	0	MENTALLY RETARDED/DEVELOPMENTALLY DISABLED GROUP HOME
BARREN	T J SAMSON COMMUNITY HOSPITAL OUTPATIENT SERVICES-	CAVE CITY	0	NETWORK
LOGAN	LOGAN MEMORIAL HOSPITAL PHYSICIAN NETWORK	RUSSELLVILLE	0	NETWORK
LOGAN	LOGAN PHYSICIAN PRACTICE NETWORK	RUSSELLVILLE	0	NETWORK



HOPKINS	ONE HEALTH MULTICARE	MADISONVILLE	0	NETWORK
BUTLER	ADVANTAGE ON CALL, LLC	WEST CHESTER	0	NURSE PRACTITIONER
BARREN	HEARTLAND REHABILITATION SERVICES	GLASGOW	0	OUTPATIENT REHAB
WARREN	TFC PHYSICAL THERAPY	BOWLING GREEN	0	OUTPATIENT REHAB
HART	HEARTLAND REHABILITATION SERVICES	HORSE CAVE	0	OUTPATIENT REHAB
METCALFE	HEARTLAND REHABILITATION SERVICES	EDMONTON	0	OUTPATIENT REHAB
WARREN	PROREHAB OF BOWLING GREEN	BOWLING GREEN	0	OUTPATIENT REHAB
WARREN	BLUEGRASS OUTPATIENT CENTER	BOWLING GREEN	0	OUTPATIENT REHAB
WARREN	FAIRVIEW COMMUNITY HEALTH CENTER	BOWLING GREEN	0	PRIMARY CARE CENTER
BARREN	SPECTRUM CARE GLASGOW II	CAVE CITY	0	PRTF
BARREN	SPECTRUM CARE ACADEMY OF GLASG	CAVE CITY	0	PRTF
BUTLER	ORTHOPEDECS PLUS PHYSICAL THERAPY MORGANTOWN	MORGANTOWN	0	REHAB-EXT
LOGAN	ORTHOPEDECS PLUS PHYSICAL THERAPY RUSSELLVILLE	RUSSELLVILLE	0	REHAB-EXT
ALLEN	ORTHOPEDECS PLUS PHYSICAL THERAPY SCOTTSVILLE	SCOTTSVILLE	0	REHAB-EXT
WARREN	ORTHOPEDECS PLUS PHYSICAL THERAPY - BOWLING GREEN	BOWLING GREEN	0	REHAB-EXT
BARREN	TJ SAMSON COMMUNITY HOSPITAL REHABILITATION CENTER	GLASGOW	0	REHAB-LIC
BARREN	NHC HEALTHCARE GLASGOW	GLASGOW	0	REHAB-LIC
EDMONSON	EDMONSON CARE AND REHABILITATION CENTER	BROWNSVILLE	0	REHAB-LIC
WARREN	WESTERN KENTUCKY UNIVERSITY SPEECH CLINIC	BOWLING GREEN	0	REHAB-LIC



WARREN	CHRISTIAN HEALTH CENTER OF BOWLING GREEN-REHAB	BOWLING GREEN	0	REHAB-LIC
BUTLER	MORGANTOWN CARE & REHABILITATION CENTER	MORGANTOWN	0	REHAB-LIC
WARREN	GREENWOOD NURSING AND REHABILITATION CENTER	BOWLING GREEN	0	REHAB-LIC
ALLEN	THE MEDICAL CENTER AT SCOTTSVILLE REHABILITATION	SCOTTSVILLE	0	REHAB-LIC
WARREN	COMMUNITY LIVING IN KENTUCKY, LLC	BOWLING GREEN	0	REHAB-LIC
BARREN	T J SAMSON PAVILION REHABILITATION AGENCY	GLASGOW	0	REHAB-LIC
BUTLER	BUTLER COUNTY FAMILY CARE	MORGANTOWN	0	RURAL HEALTH CLINIC
MONROE	TERESA SHEFFIELD, APRN, LLC	TOMPKINSVILLE	0	RURAL HEALTH CLINIC
LOGAN	AUBURN COMMUNITY HEALTH CLINIC	AUBURN	0	RURAL HEALTH CLINIC
HART	CAVERNA MEMORIAL HOSPITAL PHYSICIANS OFFICE	HORSE CAVE	0	RURAL HEALTH CLINIC
MONROE	LIVING WELL HEALTHCARE, LLC	TOMPKINSVILLE	0	RURAL HEALTH CLINIC
ALLEN	THE MEDICAL CENTER AT SCOTTSVILLE	SCOTTSVILLE	0	RURAL HEALTH CLINIC
HART	CMH MUNFORDVILLE PHYSICIANS OFFICE	MUNFORDVILLE	0	RURAL HEALTH CLINIC
HART	FAMILY MEDICAL CENTER OF HART COUNTY	MUNFORDVILLE	0	RURAL HEALTH CLINIC
EDMONSON	ASSOCIATES IN PHYSICIAN SERVICES	BROWNSVILLE	0	RURAL HEALTH CLINIC
METCALFE	EDMONTON PRIMARY CARE CENTER	EDMONTON	0	RURAL HEALTH CLINIC
MONROE	FOUNTAIN RUN RURAL HEALTH CLINIC	FOUNTAIN RUN	0	RURAL HEALTH CLINIC
WARREN	OHP WALK-IN CLINICS, LLC	BOWLING GREEN	0	SPECIALIZED HEALTH CLINIC
WARREN	OHP WALK-IN CLINICS	BOWLING GREEN	0	SPECIALIZED HEALTH CLINIC



WARREN	COMMONWEALTH HEALTH FREE CLINIC	BOWLING GREEN	0	SPECIALIZED HEALTH CLINIC
BARREN	THE BARREN RIVER REGIONAL CANCER CENTER, INC	GLASGOW	0	SPECIALIZED MEDICAL TECHNOLOGY SERVICES
WARREN	WESTERN KENTUCKY DIAGNOSTIC IMAGING	BOWLING GREEN	0	SPECIALIZED MEDICAL TECHNOLOGY SERVICES
BARREN	T J SAMSON COMMUNITY HOSPITAL	GLASGOW	0	X-RAY
HART	CAVERNA HOSPITAL PHYSICIAN OFFICE	HORSE CAVE	0	PHYSICIAN OFFICE/LAB
WARREN	ALL ABOUT YOU URGENT CLINIC LLC	BOWLING GREEN	0	PHYSICIAN OFFICE/LAB
BUTLER	ALL EASE CHIROPRACTIC, LLC	MORGANTOWN	0	PHYSICIAN OFFICE/LAB
WARREN	ANSON HSIEH	BOWLING GREEN	0	PHYSICIAN OFFICE/LAB
WARREN	ASSOCIATE IN PHYSICIAN SERVICES	BOWLING GREEN	0	PHYSICIAN OFFICE/LAB
ALLEN	ASSOCIATES IN PHYSICIAN SERVICES	SCOTTSVILLE	0	PHYSICIAN OFFICE/LAB
LOGAN	AUBURN COMMUNITY HEALTH CLINIC	AUBURN	0	PHYSICIAN OFFICE/LAB
ALLEN	BLOINK CHIROPRACTIC	SCOTTSVILLE	0	PHYSICIAN OFFICE/LAB
WARREN	BLUEGRASS HEALTH CLINIC	BOWLING GREEN	0	PHYSICIAN OFFICE/LAB
WARREN	BOWLING GREEN DERMATOLOGY & SKIN CANCER SPECIALIST	BOWLING GREEN	0	PHYSICIAN OFFICE/LAB
WARREN	BOWLING GREEN INTERNAL MEDICINE	BOWLING GREEN	0	PHYSICIAN OFFICE/LAB
WARREN	BOWLING GREEN VA OUTPATIENT CLINIC	BOWLING GREEN	0	PHYSICIAN OFFICE/LAB
WARREN	BREIWA, WARE & JESKIE	BOWLING GREEN	0	PHYSICIAN OFFICE/LAB
WARREN	BRENT T BAKER MD	BOWLING GREEN	0	PHYSICIAN OFFICE/LAB
WARREN	BRIAN K MACY MD	BOWLING GREEN	0	PHYSICIAN OFFICE/LAB
BUTLER	BUTLER COUNTY FAMILY CARE	MORGANTOWN	0	PHYSICIAN OFFICE/LAB
BARREN	CARDIOLOGY ASSOCIATES OF SOUTHERN KY	GLASGOW	0	PHYSICIAN OFFICE/LAB
BARREN	CHANDRA M REDDY MD	CAVE CITY	0	PHYSICIAN OFFICE/LAB



WARREN	CHC DBA QUICK CARE CLINIC	BOWLING GREEN	0	PHYSICIAN OFFICE/LAB
HART	CMH MUNFORDVILLE PHYSICIANS' OFFICE	MUNFORDVILLE	0	PHYSICIAN OFFICE/LAB
ALLEN	COMMONWEALTH HEALTH CORPORATION	SCOTTSVILLE	0	PHYSICIAN OFFICE/LAB
WARREN	COMPREHENSIVE PAIN SPECIALISTS	BOWLING GREEN	0	PHYSICIAN OFFICE/LAB
SIMPSON	COMPTON & COMPTON EYE CARE, PLLC	FRANKLIN	0	PHYSICIAN OFFICE/LAB
WARREN	DAVID C NAPIER MD	BOWLING GREEN	0	PHYSICIAN OFFICE/LAB
LOGAN	DR CHARLES MATHIS OFFICE	RUSSELLVILLE	0	PHYSICIAN OFFICE/LAB
SIMPSON	DR SANDA CRNKIC DBA SPINECARE CHIROPRACTIC	FRANKLIN	0	PHYSICIAN OFFICE/LAB
MONROE	DR WM MICHAEL CARTER	TOMPKINSVILLE	0	PHYSICIAN OFFICE/LAB
SIMPSON	FAMILY MEDICAL CLINIC, PSC	FRANKLIN	0	PHYSICIAN OFFICE/LAB
BARREN	FAMILY OPTIONS, INC	GLASGOW	0	PHYSICIAN OFFICE/LAB
BARREN	FAMILY PRACTICE CENTER	GLASGOW	0	PHYSICIAN OFFICE/LAB
MONROE	GAMALIEL CLINIC	GAMALIEL	0	PHYSICIAN OFFICE/LAB
WARREN	GEORGE A WATSON MD	BOWLING GREEN	0	PHYSICIAN OFFICE/LAB
BUTLER	GHAYTH M HAMMAD, MD, PSC	MORGANTOWN	0	PHYSICIAN OFFICE/LAB
BARREN	GLASGOW HEART AND VASCULAR	GLASGOW	0	PHYSICIAN OFFICE/LAB
BARREN	GLASGOW PEDIATRICS HEALTHCARE	GLASGOW	0	PHYSICIAN OFFICE/LAB
BARREN	GLASGOW URGENT CLINIC INC	GLASGOW	0	PHYSICIAN OFFICE/LAB
WARREN	GLASSER CLINIC, THE	BOWLING GREEN	0	PHYSICIAN OFFICE/LAB
EDMONSON	GLK ENTERPRISES, LLC DBA WILKES CLINIC	BROWNSVILLE	0	PHYSICIAN OFFICE/LAB
WARREN	GRAVES GILBERT CLINIC - PEDIATRIC ASSOCIATES	BOWLING GREEN	0	PHYSICIAN OFFICE/LAB



WARREN	GRAVES GILBERT CLINIC - PRIME CARE	BOWLING GREEN	0	PHYSICIAN OFFICE/LAB
WARREN	GRAVES GILBERT CLINIC - WKU	BOWLING GREEN	0	PHYSICIAN OFFICE/LAB
WARREN	GRAVES GILBERT CLINIC D GRANESE	BOWLING GREEN	0	PHYSICIAN OFFICE/LAB
BARREN	GRAVES GILBERT CLINIC GLASGOW	GLASGOW	0	PHYSICIAN OFFICE/LAB
WARREN	GRAVES GILBERT CLINIC HSIEH	BOWLING GREEN	0	PHYSICIAN OFFICE/LAB
BUTLER	GRAVES GILBERT CLINIC MORGANTOWN	MORGANTOWN	0	PHYSICIAN OFFICE/LAB
LOGAN	GRAVES GILBERT CLINIC PSC	RUSSELLVILLE	0	PHYSICIAN OFFICE/LAB
LOGAN	GRAVES GILBERT CLINIC PSC	LEWISBURG	0	PHYSICIAN OFFICE/LAB
BARREN	GRAVES GILBERT CLINIC SOUTH	GLASGOW	0	PHYSICIAN OFFICE/LAB
WARREN	GRAVES GILBERT CLINIC UROLOGY GROUP	BOWLING GREEN	0	PHYSICIAN OFFICE/LAB
WARREN	GRAVES GILBERT CLINIC YURCHISIN	BOWLING GREEN	0	PHYSICIAN OFFICE/LAB
WARREN	GREENVIEW MEDICAL GROUP BOWLING GREEN	BOWLING GREEN	0	PHYSICIAN OFFICE/LAB
WARREN	GREENVIEW MEDICAL GROUP THE ALLEN CLINIC	BOWLING GREEN	0	PHYSICIAN OFFICE/LAB
WARREN	GREENWOOD URGENT CLINIC	BOWLING GREEN	0	PHYSICIAN OFFICE/LAB
WARREN	HEALTHFIRST FAMILY MEDICAL CLINIC	BOWLING GREEN	0	PHYSICIAN OFFICE/LAB
WARREN	INDAR M JHAMB MD	BOWLING GREEN	0	PHYSICIAN OFFICE/LAB
SIMPSON	INTERVENTIONAL PAIN SPECIALISTS	FRANKLIN	0	PHYSICIAN OFFICE/LAB
ALLEN	INTERVENTIONAL PAIN SPECIALISTS	SCOTTSVILLE	0	PHYSICIAN OFFICE/LAB
BARREN	INTERVENTIONAL PAIN SPECIALISTS	GLASGOW	0	PHYSICIAN OFFICE/LAB
WARREN	INTERVENTIONAL PAIN SPECIALISTS OF BOWLING GREEN	BOWLING GREEN	0	PHYSICIAN OFFICE/LAB
BARREN	JAMES P CREWS MD	CAVE CITY	0	PHYSICIAN OFFICE/LAB
WARREN	JAY T DAVIS MD PSC	BOWLING GREEN	0	PHYSICIAN OFFICE/LAB
WARREN	JEFFREY PURVIS MD	BOWLING GREEN	0	PHYSICIAN OFFICE/LAB
SIMPSON	JOHN V ADAMS MD	FRANKLIN	0	PHYSICIAN OFFICE/LAB
WARREN	JONATHON BALDWIN MD	BOWLING GREEN	0	PHYSICIAN OFFICE/LAB



WARREN	K G SAHETYA MD PSC	BOWLING GREEN	0	PHYSICIAN OFFICE/LAB
LOGAN	LOGAN PHYSICIANS PRACTICE LLC	RUSSELLVILLE	0	PHYSICIAN OFFICE/LAB
LOGAN	LOGAN SPECIALTY CLINIC	RUSSELLVILLE	0	PHYSICIAN OFFICE/LAB
BARREN	MEDICAL ASSOC OF SOUTHERN KENTUCKY	GLASGOW	0	PHYSICIAN OFFICE/LAB
WARREN	MEDICAL CENTER URGENTCARE	BOWLING GREEN	0	PHYSICIAN OFFICE/LAB
ALLEN	MEDICAL CTR SCOTTSVILLE PRIMARY CARE CLINIC, THE	SCOTTSVILLE	0	PHYSICIAN OFFICE/LAB
MONROE	MONROE CO MEDICAL CENTER MEDICAL PRACTICE	TOMPKINSVILLE	0	PHYSICIAN OFFICE/LAB
MONROE	MONROE FAMILY MEDICAL CENTER	TOMPKINSVILLE	0	PHYSICIAN OFFICE/LAB
WARREN	MORT SHAHMIR MD	BOWLING GREEN	0	PHYSICIAN OFFICE/LAB
LOGAN	P K HAYDEN LOGAN FAMILY PRACTICE	RUSSELLVILLE	0	PHYSICIAN OFFICE/LAB
SIMPSON	PATTERSON MEDICAL & DIAGNOSTIC CENTER	FRANKLIN	0	PHYSICIAN OFFICE/LAB
LOGAN	RONALD B ELDER MD PSC	RUSSELLVILLE	0	PHYSICIAN OFFICE/LAB
SIMPSON	ROY D REYNOLDS MD	FRANKLIN	0	PHYSICIAN OFFICE/LAB
WARREN	SAM KESRI MD	BOWLING GREEN	0	PHYSICIAN OFFICE/LAB
SIMPSON	SAM PERSAD MD	FRANKLIN	0	PHYSICIAN OFFICE/LAB
WARREN	SCOTT C SIMS MD	BOWLING GREEN	0	PHYSICIAN OFFICE/LAB
ALLEN	SCOTTSVILLE URGENT CLINIC	SCOTTSVILLE	0	PHYSICIAN OFFICE/LAB
WARREN	SELFREFIND	BOWLING GREEN	0	PHYSICIAN OFFICE/LAB
WARREN	SOUTHERN KENTUCKY PRIMARY CARE	BOWLING GREEN	0	PHYSICIAN OFFICE/LAB
WARREN	SUNSHINE HEALTHCARE CENTER, THE	BOWLING GREEN	0	PHYSICIAN OFFICE/LAB
BARREN	T J HEALTH PARTNERS PRIMARY CARE	GLASGOW	0	PHYSICIAN OFFICE/LAB
BARREN	T J HEALTH PARTNERS THE WALMART CLINIC	GLASGOW	0	PHYSICIAN OFFICE/LAB



BARREN	T J HEALTH PAVILION LABORATORY	GLASGOW	0	PHYSICIAN OFFICE/LAB
WARREN	TAPP MEDICAL CLINIC	BOWLING GREEN	0	PHYSICIAN OFFICE/LAB
WARREN	TIM LONG MD PSC	BOWLING GREEN	0	PHYSICIAN OFFICE/LAB
MONROE	TIMOTHY D HUME, MD	TOMPKINSVILLE	0	PHYSICIAN OFFICE/LAB
BARREN	TJ HEALTH PARTNERS CLINIC	GLASGOW	0	PHYSICIAN OFFICE/LAB
BARREN	TJ HEALTH PARTNERS WOMENS HEALTH CLINIC	GLASGOW	0	PHYSICIAN OFFICE/LAB
BARREN	TJHP CAVE CITY CLINIC	CAVE CITY	0	PHYSICIAN OFFICE/LAB
MONROE	TOMPKINSVILLE PRIMARY CARE ASSOCIATES	TOMPKINSVILLE	0	PHYSICIAN OFFICE/LAB
BARREN	TONY L HOGAN APRN HEALTH CLINIC	GLASGOW	0	PHYSICIAN OFFICE/LAB
WARREN	U OF L PEDIATRIC ENDCRINOLOGY	BOWLING GREEN	0	PHYSICIAN OFFICE/LAB
WARREN	U OF L PHYSICIANS PEDIATRIC GASTROENTEROLOGY	BOWLING GREEN	0	PHYSICIAN OFFICE/LAB
WARREN	UROLOGY ASSOCIATES PC	BOWLING GREEN	0	PHYSICIAN OFFICE/LAB
HART	VIRAG PANDEYA, MD, PLLC	MUNFORDVILLE	0	PHYSICIAN OFFICE/LAB
SIMPSON	WESLEY FAMILY MEDICAL PSC	FRANKLIN	0	PHYSICIAN OFFICE/LAB
WARREN	WESTERN KY HEART & LUNG ASSOCIATES	BOWLING GREEN	0	PHYSICIAN OFFICE/LAB
WARREN	WOMEN'S HEALTH SPECIALISTS	BOWLING GREEN	0	PHYSICIAN OFFICE/LAB
WARREN	BOWLING GREEN ASSOCIATED PATHOLOGISTS, PSC	BOWLING GREEN	0	LAB
HART	FAMILY MEDICAL CENTER OF HART COUNTY	MUNFORDVILLE	0	LAB
WARREN	GILBERT BARBEE MOORE & MCILVOY PSC	BOWLING GREEN	0	LAB
WARREN	GRANESE PATHOLOGY LABORATORY	BOWLING GREEN	0	LAB
BARREN	PATHGROUP (TJ SAMSON)	GLASGOW	0	LAB
BARREN	SOUTHERN MEDICAL LAB INC	GLASGOW	0	LAB
WARREN	PREVENTION LIFESKILLS, INC	BOWLING GREEN	0	ALCOHOL DRUG PREVENTION



LOGAN	ADVANCED BEHAVIORAL CONSULTANTS	RUSSELLVILLE	0	ALCOHOL AND OTHER DRUG ENTITY
BARREN	ALLIANCE COUNSELING ASSOCIATES	GLASGOW	0	ALCOHOL AND OTHER DRUG ENTITY
WARREN	ALTERNATIVES IN TREATMENT, LLC	BOWLING GREEN	0	ALCOHOL AND OTHER DRUG ENTITY
WARREN	CENTER FOR BEHAVIORAL HEALTH KENTUCKY, INC	BOWLING GREEN	0	ALCOHOL AND OTHER DRUG ENTITY
WARREN	COMMUNITY RESOURCE CENTER INC	BOWLING GREEN	0	ALCOHOL AND OTHER DRUG ENTITY
WARREN	COMPASS COUNSELING	BOWLING GREEN	0	ALCOHOL AND OTHER DRUG ENTITY
WARREN	EDUCATIONAL COUNSELING OF AMERICA	BOWLING GREEN	0	ALCOHOL AND OTHER DRUG ENTITY
BARREN	FAMILY OPTIONS, INC	GLASGOW	0	ALCOHOL AND OTHER DRUG ENTITY
WARREN	HAVEN4CHANGE, INC	BOWLING GREEN	0	AODE-RESIDENTIAL FACILITY
WARREN	HILLTOP COUNSELING SERVICES	BOWLING GREEN	0	ALCOHOL AND OTHER DRUG ENTITY
WARREN	LIFESKILLS PARK PLACE RECOVERY CENTER	BOWLING GREEN	0	AODE-RESIDENTIAL FACILITY
WARREN	LIFESKILLS, INC	BOWLING GREEN	0	ALCOHOL AND OTHER DRUG ENTITY
ALLEN	MORE TO LIFE COUNSELING, LLC	SCOTTSVILLE	0	ALCOHOL AND OTHER DRUG ENTITY
SIMPSON	PEACEFUL SOLUTIONS COUNSELING SERVICES	FRANKLIN	0	ALCOHOL AND OTHER DRUG ENTITY
WARREN	QUESTHOUSE, INCORPORATED	BOWLING GREEN	0	ALCOHOL AND OTHER DRUG ENTITY
ALLEN	TIME OUT COMMUNITY COUNSELING & CORRECTIONAL SERVICE	SCOTTSVILLE	0	ALCOHOL AND OTHER DRUG ENTITY
BARREN	DAVIDSON FAMILY CARE HOME	GLASGOW	3	FAMILY CARE HOMES
LOGAN	MILLER FAMILY CARE HOME	AUBURN	3	FAMILY CARE HOMES
ALLEN	CORNERSTONE MANOR, LLC	SCOTTSVILLE	36	FREE STANDING PERSONAL CARE HOME
ALLEN	SCOTTSVILLE MANOR	SCOTTSVILLE	40	FREE STANDING PERSONAL CARE HOME
HART	HART COUNTY MANOR	MUNFORDVILLE	54	FREE STANDING PERSONAL CARE HOME
METCALFE	HARPER'S HOME FOR THE AGED	EDMONTON	27	FREE STANDING PERSONAL CARE HOME
SIMPSON	LEWIS MEMORIAL METHODIST HOME	FRANKLIN	23	FREE STANDING PERSONAL CARE HOME
WARREN	FERN TERRACE OF BOWLING GREEN, LLC	BOWLING GREEN	114	FREE STANDING PERSONAL CARE HOME
WARREN	COMFORT KEEPERS	BOWLING GREEN	0	CERTIFIED PERSONAL SERVICE AGENCY



ALLEN	COMPANION CARE SERVICES, LLC	SCOTTSVILLE	0	CERTIFIED PERSONAL SERVICE AGENCY
WARREN	HELP AT HOME, INC	BOWLING GREEN	0	CERTIFIED PERSONAL SERVICE AGENCY
WARREN	HOME HELPERS OF SOUTH CENTRAL KENTUCKY	BOWLING GREEN	0	CERTIFIED PERSONAL SERVICE AGENCY
WARREN	HOME INSTEAD SENIOR CARE	BOWLING GREEN	0	CERTIFIED PERSONAL SERVICE AGENCY
WARREN	RAINBOW, LLC	BOWLING GREEN	0	CERTIFIED PERSONAL SERVICE AGENCY
WARREN	TIMESAVERS KY, LLC	BOWLING GREEN	0	CERTIFIED PERSONAL SERVICE AGENCY



Mission, Vision, and Values

MISSION

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

VISION

The Medical Center at Bowling Green 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 Health Needs Assessment has been completed for the following reasons:

- To help meet the Hospital's mission to care for people and improve 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 and that efforts are not duplicated; and
- 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 Bowling Green worked closely with local healthcare and public health leaders throughout the assessment process.

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 Council's membership consists of non-profit organizations that seek to recognize and serve those most in need in order to benefit the whole community. 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.

The MAPP process was carried out over 2011- 2012 to complete the first Community Survey and is fully outlined in the [*Community Health Assessment and Planning Process 2011-2012*](#) document. The MAPP process consists of six phases¹. Phase one of the process consists of organizing and engaging local partners. Phase two consists of establishing a vision and values for the community to guide the process. Phase three of the MAPP protocol calls for four separate assessment activities. These activities include the Community Themes and Strengths Assessment, the Local Public Health System Assessment (LPHSA), the Community Health Status Assessment, and the Forces of Change Assessment.

The Community Themes and Strengths Assessment results in a strong understanding of community issues and concerns, perceptions about quality of life, and a map of community assets. The LPHSA is a broad assessment that involves all the organizations and entities that contribute to public health in the community. The LPHSA answers the questions: "What are the components, activities, competencies, and capacities of our local public health system?" and "How are the Essential Services being provided to our community?" The Community Health Status Assessment (CHSA) provides a list of core indicators for 11 broad-based categories. If desired, communities may also choose additional indicators. Health indicators are identified after collecting data for each of these indicators and comparing the jurisdictions data to trend information or to peer, state, and national data. The Forces of Change Assessment phase is designed to identify

¹ Source: <http://www.naccho.org/programs/public-health-infrastructure/mapp>

the trends, factors or events that are or will be influencing the health and quality of life of the community and the local public health system. The forces identified through this process along with the other three MAPP assessments serve as the foundation for the Identify Strategic Issues Stage.

Phases four and five of the MAPP processes are used to identify strategic issues based on the survey results and formulate goals and strategies to address the issues. To carry out Phases three through five of the MAPP process, Barren River Community Health Planning Council meetings were held twice monthly for three months and then once a month for 16 months. In April 2012, a meeting was held to select the five priority health issues. At this meeting, the information identified from the MAPP process was presented for all 10 counties. Council members prioritized the identified health issues. There was a concerted effort to include stakeholders from all over the BRADD region and from varying worksites to represent those most in need in our communities. The priority health issues identified at this time were Cardiovascular Disease, Diabetes, Obesity, Lung Cancer and Drug Abuse and Addiction.

In July 2014, partners began Cycle 2 of assessment and planning activities with a focus on the local healthcare system. The Barren River Community Health Planning Council partners chose to explore whether the five priority health issues previously identified were still the greatest issues in the community. The [*BRADD Health Services System Analysis*](#) summarizes the process used to understand actual healthcare needs of our communities with a priority on barriers to healthcare. During a Council meeting, the council members representing the 10 counties prioritized the regional health issues. The health issues identified in the first survey were confirmed as still being the greatest issues of concern with the adjustment of Lung Cancer to Lung Disease. 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.

Data collection for the second cycle was through two major sources: County Health Rankings and our second [*Community Survey*](#). The Community Survey was disseminated in multiple venues by the BRIGHT Coalition members as well as other community partners with a goal to oversample areas where the survey was more likely to reach an underserved population and reach those in the community that are in greater need. A paper version of the survey was available in but not limited to the following locations: county extension offices (Supplemental Nutrition Assistance Program beneficiaries), local health department clinics (for those that do not have a primary medical home and

for Women, Infants and Children beneficiaries), a link on the local library computers (the primary users of these computers cannot afford a computer at home), and through our partners who tend to have contact with those most in need of services.

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.

Med Center Health intends to address all 5 priority health issues identified as well as participating with the other BRIGHT Coalition members in carrying out the three items that were prioritized for action. The assessment results and strategic plan were submitted to the hospital board for review and approval and then made available to the community on the [Med Center Health](#) website. The BRIGHT Coalition’s Executive Summary booklets outline the Community Health Plan for 2016-2018 and are available as a link on the Med Center Health website as well as in paper format throughout the community.

Location: Barren River Area Development District

Key Indicators

Demographics

	Barren River	Kentucky
<u>Total Population</u>	288,202	4,395,295

Data Source: Population Division, U.S. Census Bureau

	Barren River	Kentucky
High School Graduation (percent adults age 25 or older)		
Total	80%	82%
Female	81%	82%
Male	79%	80%

Data Source: American Community Survey, U.S. Census Bureau

	Barren River	Kentucky	USA
<u>Per Capita Personal Income</u>	\$18,999	\$22,515	\$27,041

About the Indicator: Mean income for every man, woman, and child in a particular group.

Data Source: American Community Survey, U.S. Census Bureau

	Barren River	Kentucky	USA
<u>Median Household Income</u>	\$36,719	\$41,576	\$51,425

Data Source: American Community Survey, U.S. Census Bureau

Social & Behavioral Indicators

	Barren River	Kentucky
<u>Drug Arrests (per 100,000 population)</u>	1,805	1,265

Data Source: Kentucky State Police Annual Reports

	Barren River	Kentucky	USA
<u>Violent Crime Offenses (per 100,000 population)</u>	116	184	469

About the Indicator: The number of murders, rapes and violent assaults.

Data Source: The Health of Kentucky: A County Assessment (Kentucky State Police Crime in Kentucky)

Health Outcomes: No data available for this category.

Access to Care

Health Care Providers (per 1,000 population) Barren River Kentucky

Primary Care Physicians	0.7	1.0
Physician Specialists	0.9	1.4
Registered Nurses	9.5	11.2
Pharmacists	0.9	1.1
Dentists	0.5	0.6

About the Indicator: Physician and Dentist data based on provider's county of practice as reported to the Kentucky Board of Medical Licensure or Kentucky Board of Dentistry. Nurse, Physician Assistant, and Pharmacist data based on provider's county of residence.

Data Source: Kentucky Board of Medical Licensure, Kentucky Board of Dentistry, Kentucky Board of Nursing, Kentucky Board of Pharmacy

Health Care Providers Available Barren River Kentucky

All Physicians	448	10,115
Primary Care Physicians	190	4,241
Physician Specialists	258	5,874
Registered Nurses	2,624	47,948
Nurse Practitioners	127	2,797
Physician Assistants	12	772
Pharmacists	240	4,524
Dentists	125	2,461

About the Indicator: Physician and Dentist data based on provider's county of practice as reported to the Kentucky Board of Medical Licensure or Kentucky Board of Dentistry. Nurse, Physician Assistant, and Pharmacist data based on provider's county of residence.

Data Source: Kentucky Board of Medical Licensure, Kentucky Board of Dentistry, Kentucky Board of Nursing, Kentucky Board of Pharmacy

Physicians Available Barren River Kentucky

Total Physicians	448	10,115
Total Primary Care	190	4,241
Family Practice	83	1,547
General Practice	5	116
Internal Medicine	54	1,375
Obstetrics and Gynecology	21	493
Pediatrics	27	710
Other Specialty	258	5,874

About the Indicator: Based on physician's county of practice as reported to the Kentucky Board of Medical Licensure.

Data Source: Kentucky Board of Medical Licensure

Medicaid Enrollment	Barren River	Kentucky
Total	61,067	928,615
65 and Over	7,684	92,515
Adults ages 20-64	18,914	313,706
Children ages 0-19	34,499	518,695
Foster Care Children	1,263	16,110
Blind and Disabled	12,644	208,640
BCCA	29	520

About the Indicator: BCCA refers to women eligible for coverage through the Kentucky Women's Cancer Screening Program.

Data Source: Kentucky Health Care Market Report (Kentucky Department of Medicaid Services)

	Barren River	Kentucky
<u>Medicaid Enrollment (percent of population)</u>	23%	22%

Data Source: Kentucky Health Care Market Report (Kentucky Department of Medicaid Services)

Medicaid Expenditures	Barren River	Kentucky
Total Expenditures	\$249,039,617	\$4,126,757,251
Average Expenditures per Recipient	\$4,078	\$4,444

Data Source: Kentucky Health Care Market Report (Kentucky Department of Medicaid Services)

Maternal & Child Health No data available for this category.

Senior Health

	Barren River	Kentucky
<u>Senior Population (percent age 65 or older)</u>	14%	13%

Data Source: American Community Survey, U.S. Census Bureau

Data Sources:

Population Division, U.S. Census Bureau

Description: Decennial population data (2000, 2010, etc.) is from the Decennial Census. Data for all other years is from the Population Estimates Program, Population Division, U.S. Census Bureau.

American Community Survey, U.S. Census Bureau

Description: Data from American Community Survey 5-Year Estimates. 1-Year and 3-Year Estimates may be available for counties with large populations. For more information, visit census.gov.

Kentucky State Police Annual Reports

Description: Rates are calculated using data from the Kentucky State Police *Crime in Kentucky Annual Report* for the specified year and population data from the Population Estimates Program, Population Division, U.S. Census Bureau.

The Health of Kentucky: A County Assessment (Kentucky State Police Crime in Kentucky)

Description: Kentucky Institute of Medicine. *The Health of Kentucky: A County Assessment*. Lexington, KY; 2007. Authors' analysis of data from Kentucky State Police Crime in Kentucky annual reports (1999-2003).

Kentucky Board of Medical Licensure

Kentucky Board of Dentistry

Kentucky Board of Nursing

Kentucky Board of Pharmacy

Kentucky Health Care Market Report (Kentucky Department of Medicaid Services)

Description: Baumgarten A. *Kentucky Health Care Market Report, 2007*. Minneapolis, MN: Allan Baumgarten and Associates; February 2008. Author's analysis of 2006 data file prepared by Kentucky Department of Medicaid Services.

Source: Foundation for a Healthy Kentucky

**THE MEDICAL CENTER at BOWLING GREEN
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 leadership in addressing our community's health needs over the next three years.

1. Continued Partnerships With Key Community Health Providers & Organizations

Key partners and programs are listed below:

- 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 American College of Cardiology
 - 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)
- Bowling Green Housing Authority
 - Community Health Fairs
- 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
- South Central Kentucky Community Action
 - Nutrition and Exercise education for Foster Grandparent training program and International students
- Western Kentucky University
 - Department of Public Health-
 - BRIGHT BMI childhood obesity project
 - 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
 - Department of Nursing
 - Body Fat and BP screenings at 10K
 - Health Sciences Complex education partnership

- Warren County Schools/Independent City Schools
 - 10K Children's Classic – sharpen the saw challenge
 - 5-2-1-0 program
 - Brain Protectors program (stroke prevention)
 - Career/Health & Safety Fairs/Back to school bash
 - Babysitting Clinics
 - Give Me a Reason/ On The Move substance abuse prevention programs
- 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
- Hosparus
 - Provides the best possible quality of life for patients and provides support to the families until the end of life
- Hospice of Southern Kentucky
 - Provides support that enables the terminally ill to spend their final days in a pain-free and dignified home environment

2. Implementation Strategies

Identified Need: Diabetes

Goals:

- A. Reduce the incidence of type 2 diabetes in our communities.
- B. Promote type 2 diabetes prevention.
- C. Promote early diagnosis of type 2 diabetes.
- D. Reduce long term complications due to uncontrolled diabetes.

Partners:

- Barren River District Health Department
- Bowling Green Housing Authority
- Fairview Primary Care Center
- Medicaid Managed Care Program/Case Management
- The Foundry
- WKU Institute for Rural Health
- WBKO

Plan:

1. Work with the Barren River District Health Department Community Health Worker program to identify those in need of Medical Nutrition Therapy and Diabetes Education and refer to outpatient Medical Nutrition Therapy (MNT) and Diabetes Self Management/Education (DSME).
2. Diabetes Prevention Program will be offered in coordination with the Barren River District Health Department at the Med Center Health Health & Wellness Center. Benefit covered by Kentucky Employee Health Plan. Will work with insurance provider to coordinate classes for those recipients' that qualify for the program.
3. Coordinate Diabetes Forum for the Community in 2016 and 2018.
4. *90 Seconds to Better Health* on Diabetes TV segment
5. Provide Diabetes prevention and awareness information through speaker's bureau, community/worksite wellness health fairs, articles in newsletter publications and media
6. Offer glucose and HgbA1c screenings in rural counties in partnership with WKU institute for rural health.

7. ENSPIRE nurse health coach will work with patients and employees on diabetes care and refer patients to DSME and MNT.

Identified Need: Obesity**Goals:**

- A. Reduce obesity rates for adults and children.
- B. Increase knowledge of healthy habits in school aged children to establish healthier habits at a younger age.

Partners:

- Barren River District Health Department
- Bowling Green Housing Authority
- Fairview Primary Care Center
- Medicaid Managed Care Program/Case Management
- International Center/Refugee Assistance
- South Central Kentucky Community Action
- Western Kentucky University
- Warren County Schools/Independent City Schools

Plan:

1. Collaborate with Health Department and WKU on the Barren River Initiative to Get Healthy Together (BRIGHT) Body Mass Index (BMI) project (5-2-1-0 nutrition and physical activity education for school age children).
2. Continue to offer Medical Nutrition Therapy by a Registered Dietitian at the Health & Wellness Center.
3. Continue surgical weight loss program working closely with Registered Dietitian in office and host the Surgical Weight Loss Support Group (formerly Gastric Bypass Support Group) that offers education and support to patients who have undergone or will undergo a surgical weight loss procedure.
4. Provide exercise opportunities through Med Center Health Wellness, community events and classes at the Health & Wellness Center.
5. Provide nutrition education and body fat analysis to school, community, civic and employer groups through the speaker's bureau, community and worksite wellness program (including grocery store tours and healthy weight healthy life classes).

6. Collaborate with local farmers market on cooking demos, local food events and healthy recipes for the community.

Identified Need: Cardiovascular**Goals:**

- A. Increase knowledge and usage of 911 at onset of heart attack or stroke symptoms.
- B. Decrease the risk of health complications, including but not limited to heart attack and stroke, associated with uncontrolled high blood pressure.
- C. Increase participation in smoking cessation classes.

Partners:

- National Stroke Association
- Barren River District Health Department
- Kentucky Heart Disease and Stroke Prevention Task Force
- American Heart Association and American College of Cardiology
- Norton Healthcare and UK Healthcare Stroke Care Network
- International Center/Refugee Assistance
- WBKO

Plan:

1. Stroke screenings and education provided to the community through partnership with Norton and UK Stroke Care Network (includes all stroke screenings, brain protector and adult stroke education through the SCOPE program). Offer blood pressure screenings through the CARE collaborative in partnership with the Kentucky Heart Disease and Stroke prevention task force.
2. Provide stroke and chest pain education on signs and symptoms, “when to call 911”, aspirin education for chest pain, hands only CPR to community and worksites.
3. Offer the LEAP program (Lifelong Education and Advocacy Program) twice a year at the Med Center Health Health & Wellness Center for stroke survivors and caregivers along with monthly support group.
4. Work through ENSPIRE program and community health worker program to educate patients in need of heart failure information to avoid readmission and refer patients to the Heart Failure class held quarterly at the Health & Wellness Center.

5. Continue to offer support group Mended Hearts for individuals who have heart disease and/or who have had a heart procedure. This group is a resource for patients of The Heart Institute at The Medical Center or patients of Healthy Hearts Cardiopulmonary Rehabilitation.

Identified Need: Lung Disease

Goals:

- A. Decrease use of all tobacco products
- B. Reduce the risk of Lung Disease
- C. Increase participation in Freedom from Smoking program

Partners:

- American Lung Association
- Kentucky Cancer Program
- American Cancer Society- Warren County Chapter
- Barren River District Health Department
- Kentucky Health Collaborative

Plan:

1. Host the American Lung Association's Freedom from Smoking program at the Health & Wellness Center and worksites.
2. Offer low-dose CT scans for lung cancer screenings.
3. Partner with Barren River District Health Department to provide education on the hazards of smoking and second hand smoke and offer smoke free community surveys at community events such as the Health & Wellness Expo.
4. Continue to support a smoke-free community by remaining a smoke/tobacco free campus.
5. Continue to offer the Cancer Support Group to offer education and support to individuals with cancer, their family members and caregivers.
6. Reduce smoking rates with the goal of being a smoke free region.

Identified Need: Substance Abuse and Addiction**Goals:**

- A. Reduce substance abuse among adolescents
- B. Reduce drug overdose induced deaths

Partners:

- Appalachia HIDTA (High Intensity Drug Trafficking Area)
- Operation Unite

Plan:

1. Educate community on dangers of substance abuse through articles in *WellNews*.
2. Offer education programs on the Trends in Drug Abuse to community, nurses and physicians.
3. Partner with Appalachia High Intensity Drug Trafficking Area and Operation Unite to coordinate “On the Move” program for 7th and 10th grade students in Warren County.
4. Distribute drug testing kits through “Give Me a Reason” drug prevention program offered by Appalachia High Intensity Drug Trafficking Area.

Identified Need: Access to Care**Goals:**

- A. Recruit physicians to the area to increase number of providers.
- B. Decrease barriers to accessing health services
- C. Decrease barriers to healthcare to specific populations (i.e. uninsured, underinsured)

Partners:

- Medical Center Primary Care
- The Community Clinic and Dental Clinic
- WKU Rural Health Clinic
- Barren River District Health Department
- Employee Health Clinic

Plan:

1. Establish physician offices such as Med Center Urgentcare, Women's Health Specialists and Primary Care practices that accept Medicaid.
2. Continue to offer services at the Community Clinic for uninsured or underinsured patients including dental care as well as hosting families at the Hospitality House for those that need a place to stay while their family is in the hospital.
3. Monitor the progress of programs such as the Community Health Worker and the Cancer Patient Navigator to ensure proper access to care is available for those who need continued care.
4. Partner with WKU Institute for Rural Health to provide glucose screenings and A1C screenings/Diabetes Education for those that have a high glucose reading in areas such as Allen, Butler and Edmonson Counties.
5. Offer physician services to employees of Med Center Health through the Employee Health Clinic.

Communication Plan

The Medical Center at Bowling Green 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.

Conclusion

The Medical Center at Bowling Green is committed to the Community Health Needs Assessment and believe that this process will continue to strengthen relationships with other healthcare providers and organizations in the community to improve the quality of life in the communities we serve.