



The Medical Center  
Caverna

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



**The Medical Center at Caverna**

**Community Health Needs Assessment & Strategic Implementation Plan**

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### *Organizational Description*

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

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

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

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 Caverna**

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

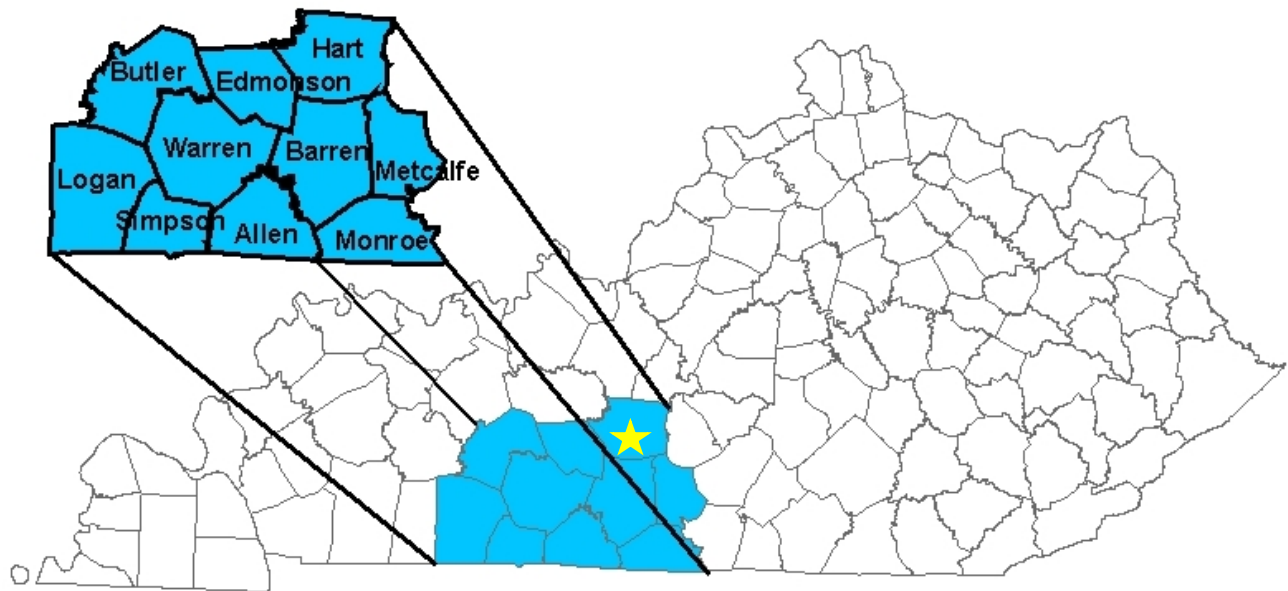
On January 1, 2016, the Corporation purchased the assets and liabilities of the Caverna Memorial Hospital (which opened its doors in June, 1967) and will operate the facility as a separately licensed hospital under the name The Medical Center at Caverna (Hospital). With a commitment to provide community members access to first-rate inpatient and outpatient services, including a 24 hour, full service emergency room, the hospital will also provide inpatient and outpatient physical therapy and will provide access to specialty providers through a Multi-specialty clinics. The facility is licensed as a 25-bed Critical Access Hospital and has two provider-based Rural Health Clinics: one in Horse Cave, KY and one in Munfordville, KY.

## *Service Area Description*

The primary service area for The Medical Center at Caverna is Hart County which had a population according to the 2010 U.S. Census of approximately 18,573. 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 Caverna CHNA Service Area**

★ The Medical Center at Caverna





**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	Type
			Beds	
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	PSYCHATRIC
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



## Community Health Needs Assessment

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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 Caverna's mission is to care for people and improve the quality of life in the communities we serve.

### **VISION**

The Medical Center at Caverna 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 include 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 forms 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 Caverna 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 goal of the Council was to plan and implement a community health needs survey and assessment process followed by identification of key healthcare needs for the community and then development of strategic plans to meet those needs. The process used was primarily based on the Mobilizing for Action through Planning and Partnership (MAPP), which was developed by the National Association of City and County Health Officials and the Centers for Disease Control and Prevention. Meetings were held twice monthly for three months and then once a month for 16 months.

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

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

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

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

## Location: Hart County

### Key Indicators

#### Demographics

	Hart	Kentucky
<u>Total Population</u>	18,573	4,395,295

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

High School Graduation (percent adults age 25 or older)	Hart	Kentucky
Total	65%	82%
Female	67%	82%
Male	63%	80%

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

	Hart	Kentucky	USA
<u>Per Capita Personal Income</u>	\$16,796	\$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

	Hart	Kentucky	USA
<u>Median Household Income</u>	\$31,858	\$41,576	\$51,425

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

#### Social & Behavioral Indicators

Lack of Physical Activity (percent adults)	Hart	Kentucky
County	31%(22.16-41.52)	30%(28.95-30.53)
County Group	37%(31.59-43.17)	30%(28.95-30.53)

**About the Indicator:** Percent of adults who did not participate in any physical activity or exercise during the past month.

**Data Source:** BRFSS

Prevalence of Obesity (percent adults)	Hart	Kentucky
County	34%(24.55-45.56)	32%(30.80-32.43)
County Group	35%(29.89-41.17)	32%(30.80-32.43)

**About the Indicator:** The percentage of adults estimated to be obese, defined as having a Body Mass Index (BMI) of 30.0 or higher. BMI is equal to weight in pounds divide by height in inches squared and then multiplied by 703.

**Data Source:** BRFSS

Prevalence of Overweight (percent adults)	Hart	Kentucky
County	71%(60.3 - 80.2)	64%(62.7 - 64.9)
County Group	73%(67.8 - 77.6)	64%(62.7 - 64.9)

**About the Indicator:** The percentage of adults estimated to be overweight, defined as having a Body Mass Index (BMI) of 25.0 or higher. This category includes those adults estimated to be obese, defined as having a BMI of 30.0 or greater. BMI is equal to weight in pounds divide by height in inches squared and then multiplied by 703.

**Data Source:** BRFSS

Recommended Fruit and Vegetable Intake (percent adults)	Hart	Kentucky
County	13%(7.1-21.37)	11%(10.78-12.16)
County Group	9%(6-12.91)	11%(10.78-12.16)

**About the Indicator:** Percent of adults who consume five or more servings of fruits and vegetables per day.

**Data Source:** BRFSS

Prevalence of Smoking (percent adults)	Hart	Kentucky
County	25%(17.13-35.04)	28%(27.11-28.74)
County Group	28%(23-34.35)	28%(27.11-28.74)

**Data Source:** BRFSS

Tooth Loss (percent adults missing 6 or more teeth)	Hart	Kentucky
County	30%(15.3-49.26)	23%(21.64-23.89)
County Group	31%(22.47-40.92)	23%(21.64-23.89)

**About the Indicator:** The percentage of adults with six or more permanent teeth removed because of tooth decay or gum disease.

**Data Source:** BRFSS

Limited Activities in Previous Month (percent adults)	Hart	Kentucky
County	32%(21.36-44.04)	27%(26.30-27.80)
County Group	28%(23.05-34.29)	27%(26.30-27.80)





**About the Indicator:** Percent of adults who could not perform work or household tasks due to physical, mental or emotional problems.

**Data Source:** BRFSS

<b>Binge Drinking (percent adults)</b>	<b>Hart</b>	<b>Kentucky</b>
County	11%(3.55-27.6)	15%(14.10-15.46)
County Group	12%(7.79-19.14)	15%(14.10-15.46)

**About the Indicator:** Binge drinking is defined as having five or more drinks on one occasion for males and having four or more drinks on one occasion for females.

**Data Source:** BRFSS

	<b>Hart</b>	<b>Kentucky</b>
<u>Drug Arrests (per 100,000 population)</u>	3,715	1,265

**Data Source:** Kentucky State Police Annual Reports

	<b>Hart</b>	<b>Kentucky</b>	<b>USA</b>
<u>Violent Crime Offenses (per 100,000 population)</u>	16	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

	<b>Hart</b>	<b>Kentucky</b>	<b>USA</b>
<u>Infectious Disease (per 100,000 population)</u>	12.0	8.0	23.0

**About the Indicator:** The occurrence of Acquired Immune Deficiency Syndrome (AIDS), tuberculosis, and hepatitis (all types).

**Data Source:** The Health of Kentucky: A County Assessment (Kentucky Reportable Disease System)

	<b>Hart</b>	<b>Kentucky</b>	<b>USA</b>
<u>Motor Vehicle Deaths (per 100,000,000 miles driven)</u>	1.8	2.1	1.5

**Data Source:** The Health of Kentucky: A County Assessment (Traffic Collisions in Kentucky)

	<b>Hart</b>	<b>Kentucky</b>	<b>USA</b>
<u>Occupational Fatalities (per 100,000 workers)</u>	8.9	8.0	5.0



**Data Source:** The Health of Kentucky: A County Assessment (Kentucky Department of Labor, Census of Fatal Occupational Injuries)

	Hart	Kentucky	USA
<u>Premature Death (years lost per 100,000 population)</u>	11,007	9,271	7,562

**About the Indicator:** Years of Potential Life Lost prior to age 75 is a measure of premature mortality that is calculated over the age range from birth to 75 years of age.

**Data Source:** Kentucky State Data Center - Vital Statistics

	Hart	Kentucky
<u>Total Mortality (per 100,000 population)</u>	998.7	906.8

**About the Indicator:** Age-adjusted rate of deaths (from all causes) per year.

**Data Source:** Kentucky State Data Center - Vital Statistics

Less than Good Health (percent adults)	Hart	Kentucky
County	22%(14.76-30.61)	23%(22.50-23.89)
County Group	28%(23.37-33.54)	23%(22.50-23.89)

**About the Indicator:** Adults were asked to rate their own health status as excellent, very good, good, fair or poor. Data indicates the percentage of adults reporting their health status as generally being fair or poor.

**Data Source:** BRFSS

Physically Unhealthy Days (per month)	Hart	Kentucky
County	6(3.67-7.77)	5(4.93-5.24)
County Group	6(4.98-7.41)	5(4.93-5.24)

**About the Indicator:** Average number of days in the past 30 days when physical health, including physical illness and injury, was not good.

**Data Source:** BRFSS

Mentally Unhealthy Days (per month)	Hart	Kentucky
County	5(3.44-7.34)	5(4.58-4.90)
County Group	5(4.23-6.62)	5(4.58-4.90)

**About the Indicator:** Average number of days in the past 30 days when mental health, including stress, depression, and problems with emotions, was not good.

**Data Source:** BRFSS



<b>Prevalence of Asthma (percent adults)</b>	<b>Hart</b>	<b>Kentucky</b>
County	14%(9.13-20.65)	15%(14.46-15.70)
County Group	17%(13.31-22.13)	15%(14.46-15.70)

**Data Source:** BRFSS

<b>Prevalence of Diabetes (percent adults)</b>	<b>Hart</b>	<b>Kentucky</b>
County	14%(8.66-22.47)	11%(10.24-11.15)
County Group	15%(11.58-19.17)	11%(10.24-11.15)

**Data Source:** BRFSS

<b>Prevalence of Hypertension (percent adults)</b>	<b>Hart</b>	<b>Kentucky</b>
County	48%(36.37-59.84)	39%(37.54-39.50)
County Group	40%(33.84-47.47)	39%(37.54-39.50)

**About the Indicator:** Percent of adults who report they have been told they have high blood pressure or hypertension by a health care professional.

**Data Source:** BRFSS

<b>Cancer Deaths (age-adjusted rate per 100,000 population)</b>	<b>Hart</b>	<b>Kentucky</b>
All Cancers	247	212
Lung and Bronchus	80	75
Colorectal	32	20
Breast	29	23
Prostate		25

**About the Indicator:** Breast Cancer Death Rate is the number of deaths per 100,000 females. Prostate Cancer Death Rate is the number of deaths per 100,000 males.

Data for counties with fewer than 15 deaths is considered unstable and has been suppressed.

**Data Source:** Kentucky Cancer Registry

	<b>Hart</b>	<b>Kentucky</b>
<u>Heart Disease Deaths (per 100,000 population)</u>	248.2	224.0

**About the Indicator:** Age-adjusted rate of deaths (due to heart disease) per year.

**Data Source:** Kentucky State Data Center - Vital Statistics

	<b>Hart</b>	<b>Kentucky</b>
<u>Stroke Deaths (per 100,000 population)</u>	56.5	47.0



**About the Indicator:** Age-adjusted rate of deaths (due to stroke) per year.

**Data Source:** Kentucky State Data Center - Vital Statistics

### Access to Care

Flu Vaccination in the Past Year (percent adults)	Hart	Kentucky
County	32% (23.03-42.78)	39% (38.63-40.29)
County Group	35% (29.77-40.62)	39% (38.63-40.29)

**About the Indicator:** Percent of adults who report having received a flu vaccine in the past year.

**Data Source:** BRFSS

Lack of Cholesterol Awareness (percent adults)	Hart	Kentucky
County	27% (16.29-40.8)	24% (22.68-24.73)
County Group	29% (22.78-37.04)	24% (22.68-24.73)

**About the Indicator:** Percent of adults who report that they have not had their cholesterol level checked in the past 5 years.

**Data Source:** BRFSS

HIV Testing (percent adults under 65)	Hart	Kentucky
County	19% (11.94-28.57)	31% (30.30-32.01)
County Group	25% (19.91-31.05)	31% (30.30-32.01)

**About the Indicator:** Percent of adults younger than 65 who report having ever been tested for HIV.

**Data Source:** BRFSS

Personal Doctor or Health Care Provider (percent adults)	Hart	Kentucky
County	80% (68.85-87.96)	80% (79.23-80.75)
County Group	79% (73-84.01)	80% (79.23-80.75)

**About the Indicator:** Percent of adults reporting that there was one person they think of as their personal doctor or health care provider.

**Data Source:** BRFSS

Health Care Providers (per 1,000 population)	Hart	Kentucky
Primary Care Physicians	0.3	1.0
Physician Specialists	0.2	1.4
Registered Nurses	7.3	11.2
Pharmacists	0.4	1.1



### Health Care Providers (per 1,000 population)

Dentist	0.3	0.6
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**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	Hart	Kentucky
All Physicians	9	10,115
Primary Care Physicians	6	4,241
Physician Specialists	3	5,874
Registered Nurses	136	47,948
Nurse Practitioners	3	2,797
Physician Assistants	0	772
Pharmacists	7	4,524
Dentists	5	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	Hart	Kentucky
Total Physicians	9	10,115
Total Primary Care	6	4,241
Family Practice	2	1,547
General Practice	0	116
Internal Medicine	2	1,375
Obstetrics and Gynecology	0	493
Pediatrics	2	710
Other Specialty	3	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](#)



**Prevention Quality Indicators (risk-adjusted rate per 1,000 adults) Hart Kentucky**

Chronic	12	12
Acute	10	8
Overall	22	20

**About the Indicator:** Prevention Quality Indicators (PQIs) are a set of measure that can be used to identify "ambulatory care sensitive conditions," which are conditions for which good outpatient care can potentially prevent the need for hospitalization, complications or more severe disease. The Acute PQI is a composite representing admissions for dehydration, bacterial pneumonia, and urinary tract infections. The Chronic PQI is a composite representing admissions for diabetes short-term complications, diabetes long-term complications, chronic obstructive pulmonary disease, hypertension, congestive heart failure, angina admissions without a procedure, uncontrolled diabetes, adult asthma, and lower-extremity amputation among patients with diabetes. The Overall PQI is a composite representing all of the preceding acute and chronic indicators.

**Data Source:** Office of Health Policy, Kentucky Cabinet for Health and Family Services

**Hart**

Local Health Care Jobs (percent of total employment) 6.0%

**About the Indicator:** The percent of all employment within the health care sector.

**Data Source:** CEDIK

**Hart**

Local Health Care Jobs (total number) 275.0

**Data Source:** CEDIK

**Hart Kentucky**

Uninsured Population (percent adults under age 65) 17% 18%

**About the Indicator:** The percentage of the population age 18-64 not covered by private or public health insurance.

**Data Source:** Small Area Health Insurance Estimates Program, U.S. Census Bureau

<b>Forego Care Due to Cost (percent adults)</b>	<b>Hart</b>	<b>Kentucky</b>
County	20%(12.38-30.5)	19%(18.38-19.81)
County Group	21%(16.52-26.64)	19%(18.38-19.81)

**About the Indicator:** The percent of adults who report that there was a time in the past year when they needed to see a doctor but could not because of the cost.

**Data Source:** BRFSS



Health Plan Enrollment (member months)	Hart	Kentucky
Aetna Health	0	9,047
Aetna Life Insurance	20	6,429
Anthem	9,425	2,530,116
Bluegrass Family Health	184	198,875
CHA Health	213	332,379
Connecticut General	0	0
Humana	1,086	546,460
John Alden	87	16,893
Mega Life and Health	147	12,745
Mid-West		
New York Life		
Principal	0	24,167
Time Insurance	104	58,115
Union Security	0	1,955
United Healthcare Insurance Company	24	33,699
United Healthcare of Kentucky	7	105,179
United Healthcare of Ohio	0	56,753

**About the Indicator:** Health Plan Enrollment data indicates Kentucky members only. Health Plan Income data includes operations in other states for Aetna, Human and UnitedHealthcare Ohio.

**Data Source:** Kentucky Health Care Market Report

Medicaid Enrollment	Hart	Kentucky
Total	5,055	928,615
65 and Over	732	92,515
Adults ages 20-64	1,668	313,706
Children ages 0-19	2,662	518,695
Foster Care Children	73	16,110
Blind and Disabled	1,172	208,640
BCCA	9	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)

	Hart	Kentucky
Medicaid Enrollment (percent of population)	27%	22%

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



### Medicaid Expenditures

	Hart	Kentucky
Total Expenditures	\$19,667,240	\$4,126,757,251
Average Expenditures per Recipient	\$3,891	\$4,444

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

### Maternal & Child Health

	Hart	Kentucky
<u>Adequacy of Prenatal Care (percent pregnant women)</u>	50%	66%

**About the Indicator:** Percentage of pregnant women who received prenatal care during the first trimester of pregnancy and had 10 or more prenatal visits.

**Data Source:** Kentucky State Data Center - Vital Statistics

	Hart	Kentucky
<u>Infant Mortality (per 1,000 live births)</u>	5.9	6.7

**About the Indicator:** Deaths at any time from birth up to, but not including, one year of age.

**Data Source:** Kentucky State Data Center - Vital Statistics

	Hart	Kentucky
<u>Low Birthweight (percent of live births)</u>	7%	9%

**Data Source:** Kentucky State Data Center - Vital Statistics

	Hart	Kentucky
<u>Teen Births (rate per 1,000 women ages 15-19)</u>	58.6	52.1

**Data Source:** Kentucky State Data Center - Vital Statistics

	Hart	Kentucky
<u>General Fertility Rate (births per 1,000 women ages 15-44)</u>	64.6	65.4

**Data Source:** Kentucky State Data Center - Vital Statistics

	Hart	Kentucky	USA
<u>Immunization Coverage (percent children ages 19-35 months)</u>	75%	80%	81%

**About the Indicator:** Percentage of children ages 19 to 35 months who have received the suggested early childhood immunizations, including recommended dosages for DTP, poliovirus, MCV, HiB, HepB.





**Data Source:** The Health of Kentucky: A County Assessment (Kentucky Health Profiles)

**Hart Kentucky USA**

Prevalence of Youth Smoking (percent of high school students) 30% 25% 23%

**About the Indicator:** Percent of high school students who smoke tobacco products regularly.

**Data Source:** The Health of Kentucky: A County Assessment (Youth Tobacco Survey and Youth Risk Behavior Survey)

**Hart Kentucky**

Uninsured Child Population (percent children under age 19) 9% 9%

**About the Indicator:** The percentage of the population age younger than 19 years not covered by private or public health insurance.

**Data Source:** Small Area Health Insurance Estimates Program, U.S. Census Bureau

**KCHIP Enrollment Performance Hart**

Free and Reduced School Lunch Program 37

Medicaid and KCHIP Enrollment 53

**About the Indicator:** Counties were ranked (from 1 to 120) according to the percentage of public school students enrolled in free and reduced lunch program. This data is considered a proxy for the number of low-income and potentially KCHIP-eligible children in a county.

Counties were subsequently ranked (from 1 to 120) according to the percentage of children enrolled in KCHIP or Medicaid.

While the two measures are not directly comparable (school lunch data does not provide information on children too young to attend school, for example), counties with large variations in these two rankings (>10 places) may want to explore their program enrollment to ensure that children in need are not being missed.

**Data Source:** Kentucky Injury Prevention Center

## Senior Health

**Hart Kentucky**

Senior Population (percent age 65 or older) 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](http://census.gov).

## **BRFSS**

**Description:** Centers for Disease Control and Prevention (CDC) and Kentucky Department for Public Health. *Behavioral Risk Factor Surveillance System Data* as analyzed at the county level by the University of Kentucky Markey Cancer Control Program and College of Public Health.

Data for counties with fewer than 50 respondents have been suppressed.

County groups were developed by researchers at the University of Kentucky Markey Cancer Control Program and College of Public Health under the direction of the Kentucky Department for Public Health. The county groups were developed through a methodology which considered socioeconomic, demographic, and health-related statistics at the county level, together with geographical proximity and number of BRFSS respondents, to cluster counties based on similar characteristics. County groups are expected to provide more stable rates and reliable estimates for small areas in Kentucky.

## **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).

## **The Health of Kentucky: A County Assessment (Kentucky Reportable Disease System)**

**Description:** Kentucky Institute of Medicine. *The Health of Kentucky: A County Assessment*. Lexington, KY; 2007. Authors' analysis of data from Kentucky Reportable Disease System (1999-2003).

## **The Health of Kentucky: A County Assessment (Traffic Collisions 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 Traffic Collisions in Kentucky annual reports (2000-2004).

## **The Health of Kentucky: A County Assessment (Kentucky Department of Labor, Census of Fatal Occupational Injuries)**

**Description:** Kentucky Institute of Medicine. The Health of Kentucky: A County Assessment. Lexington, KY; 2007. Authors' analysis of data from Kentucky Department of Labor, Census of Fatal Occupational Injuries (1999-2003).

### **Kentucky State Data Center - Vital Statistics**

**Description:** Kentucky State Data Center analysis of records from the Kentucky Department for Public Health Office of Vital Statistics.

### **Kentucky Cancer Registry**

**Description:** Additional incidence and mortality data for these and other cancer types is available from the Kentucky Cancer Registry (KCR). Counties with suppressed data may be able to obtain stable rates by expanding the selected time frame on the KCR website, [www.kcr.uky.edu](http://www.kcr.uky.edu).

### **Kentucky Board of Medical Licensure**

### **Kentucky Board of Dentistry**

### **Kentucky Board of Nursing**

### **Kentucky Board of Pharmacy**

### **Office of Health Policy, Kentucky Cabinet for Health and Family Services**

### **CEDIK**

**Description:** Analysis provided by the Community and Economic Development Initiative of Kentucky at the University of Kentucky College of Agriculture. <http://www.ca.uky.edu/CEDIK>

### **Small Area Health Insurance Estimates Program, U.S. Census Bureau**

### **Kentucky Health Care Market Report**

**Description:** Baumgarten A. Kentucky Health Care Market Report, 2007. Minneapolis, MN: Allan Baumgarten and Associates; February 2008.

### **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.

### **The Health of Kentucky: A County Assessment (Kentucky Health Profiles)**

**Description:** Kentucky Institute of Medicine. The Health of Kentucky: A County Assessment. Lexington, KY; 2007. Authors' analysis of data from Kentucky Health Profiles, Leading and Selected Causes of Death, Kentucky Department for Public Health (1999-2003).



### **The Health of Kentucky: A County Assessment (Youth Tobacco Survey and Youth Risk Behavior Survey)**

**Description:** Kentucky Institute of Medicine. The Health of Kentucky: A County Assessment. Lexington, KY; 2007. Authors' analysis of data from Youth Tobacco Survey and Youth Risk Behavior Survey (2001-2002).

### **Kentucky Injury Prevention Center**

Source: Foundation for a Healthy Kentucky

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**THE MEDICAL CENTER at CAVERNA  
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:

- National Stroke Association
  - LEAP program for stroke survivors (Lifelong Education and Advocacy Program)
- Kentucky Heart Disease and Stroke Prevention Task Force
  - Care Collaborative blood pressure screening tool
- American Lung Association
  - Freedom from Smoking cessation program
- American Heart Association and Society of Cardiovascular Patient Care
  - Hands only CPR training in the community
  - Heart walk sponsor
  - Early Heart Attack Care
- Norton Healthcare and UK Healthcare Stroke Care Network
  - SCOPE Stroke screenings
  - Brain Protector program
  - Adult Education stroke program
- Barren River District Health Department
  - Barren River Initiative to Get Healthy Together (BRIGHT) Coalition
  - HIV screenings
  - Colon Cancer Screening
  - Diabetes Prevention Program (CDC)
- 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
  - Look Good Feel Better Classes
  - ACS representative on Med Center Cancer committee
- Horse Cave Housing Authority
  - Promote prevention resources to community
- Medicaid Managed Care Program/Case Management
  - Diabetes Education and Medical Nutrition Therapy for Medicaid patients
- Western Kentucky University
  - Institute for Rural Health
    - Bone Density screenings at H&W Center
    - Glucose and Cholesterol testing at H&W Center

## 2. Preventative Care & Disease Management Focus

### Diabetes

- Diabetes Prevention program will be offered at the Health & Wellness Center and worksites. Benefit covered by Kentucky Employee Health Plan. Will work with insurance provider to help refer patients into program
  - Classes offered in January – February 2016
  - DPP Informative Meeting in April 2016
  - Class offered in May - August 2016
  - Class offered in September – October 2016
  - Class offered in December 2016 and January 2017
  - Class offered in February, March, April, May, and September 2017
  - Class offered in April 2018
- *A 90 Seconds to Better Health* on Diabetes TV segment
  - Warning Signs of Diabetes by Dr. Alvarez in February 2016
- Continue to offer Diabetes support group, Diabetes Self-Management Education and group classes at Health & Wellness Center by a Certified Diabetes Educator and maintain recognition for Diabetes Program through American Diabetes Association. Work with physicians for continuum of care
  - Free Pre-diabetes class offered in January and October 2017 – 7 attendees
  - Free Pre-diabetes class offered in May 2018
- Coordinate Diabetes Forum for the BRADD area in 2016 and 2018

- In place of Forum, diabetes cooking demo with Celebrity Chef and Novo Nordisk in November 2016 – 90 attendees
- Diabetes Event at the Foundry in November 2016 – 35 attendees
- Community Diabetes Event – Seasons of Diabetes Care in November 2017- 75 attendees
- Offer Diabetes CME and CEU programs for physicians and nurses
  - Diabetes Care: New Treatment Guidelines in January 2016
  - Update on Diabetes Mellitus in April 2016
  - Bridging the Education Gap for patients diagnosed with diabetes in Jan 2017
- Provide Diabetes prevention and awareness information through speaker's bureau, community/worksite wellness health fairs, articles in newsletter publications and media
  - Diabetes Presentation at Atmos Energy Wellness Workshop in January 2016
  - Diabetes Presentation at Chandler Park Assisted Living through the speaker's bureau program in September 2016
  - 60 students reached through the speaker's bureau program on Diabetes at The International Center in September 2016
  - Reached 400 employees at Sun Products health fair regarding diabetes in September 2016
  - Provided education on Diabetes through worksite Wellness Boards in November 2016
  - Diabetes booth set up at Edmonson County Health Fair in November 2016
  - Diabetes booth set up at Health and Wellness Expo in January 2016, 2017, and 2018
  - Diabetes Prevention presentation for 15 employees at WRECC through the speaker's bureau program in April 2017
  - Diabetes Prevention presentation for 12 residents at Chandler Park Assisted Living in September 2017
  - Diabetes Prevention presentation for 40 participants at Adult Day Care in March 2018
  - *Wellnews* article, *Team Care Helps Patients Control Diabetes* featured in Summer 2016
  - Defeat Diabetes presentation at Adult Day Care for 40 adults in April 2018

- Diabetes Education information at WRECC Annual Health Fair in July 2018

## Obesity

- Offer Medical Nutrition Therapy by a Registered Dietitian at Health & Wellness Center
- Surgical weight loss program will work 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.
  - Began Bariatric Weight loss support group in July 2016 at Caverna
  - Surgical Weight Loss Support Group offered monthly
  - Surgical Weight Loss Seminars offered monthly
  - *WellNews* article, “*The Medical Center’s Surgical Weight Loss Program Puts Patients on the Path to a Healthier Life.*” In Spring 2016
  - Surgical Weight Loss Seminar in November – 5 attendees
- Provide exercise opportunities through CHC Wellness, community events and classes at the Health & Wellness Center
  - Limber for Life, Zumba, Yoga, Meditation offered weekly
  - March for Babies – May 2016, 2017, 2018
  - Relay for Life – June 2016, 2017, 2018
  - Garden Spot Run – August 2016, 2017, 2018
  - Heart Walk – September 2016, 2017, 2018
  - Run for Sight – September 2016, 2017, 2018
  - The Medical Center 10K Classic – October 2016, 2017, 2018
  - 26.2 BG/ Half Marathon – November 2016, 2017, 2018
- 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)
  - Reached 260 people regarding healthy lifestyles and nutrition through our speakers’ bureau program from January – March 2016
  - Cooking Demo and Nutrition information at Atmos Energy Wellness Workshop in January 2016
  - Exercise Demo/Fitness information at Atmos Energy Wellness Workshop in January 2016



- Reached 400 students at Rich Pond Elementary School Healthy Kids Fair about Nutrition and Exercise in February 2016
- Provided 21 body fat screenings to HeathCo employees at worksite wellness health fair in March 2016
- Surgical Weight Loss Women in Charge Luncheon presented by Dr. Nwanguma in March 2016
- Provided 5210 education classes to Jody Richards Elementary School in April 2016. Reached 670 students.
- *WellNews* article, “*Make the Most of Your Fitness Tracker*” featured in Spring 2016
- Reached 50 elementary students at Plano Health Fair about Sugary Beverages in April 2016
- *WellNews* article, *10 reasons to start running now* featured in summer 2016
- Reached 40 women about Intuitive Eating at the Women in Charge Luncheon at The Medical Center in June 2016
- Sugary beverages demonstration and healthy eating presentation at Stand for Children’s Day in June 2016
- Provided 110 body fat screenings to WRECC employees at worksite wellness health fair in June 2016
- Provided healthy snacking education to upward bound program at WKU to 10 students in July 2016
- Provided nutrition education to 50 adults through the speaker’s bureau program at Adult Day Care in August 2016
- Provided nutrition education to 15 international students through the speaker’s bureau through the refugee program in August 2016
- *WellNews* article, *New Ways to Eat Fall’s 5 Healthiest Food*, featured in Fall 2016
- Provided Nutrition information to 400 employees at Sun Products Wellness Fair in September 2016
- Provided healthy snacking information to 75 USDA employees through the speakers’ bureau program in September 2016
- Provided 50 body fat screenings to AEP Industry employees at worksite wellness fair in September 2016
- Provided 35 body fat screenings to Atmos Energy employees at worksite wellness health fair in November 2016
- 80 employees participated in WRECC Maintain don’t Gain Holiday Challenge in November 2016– January 2017

- Provided Healthy Holiday Eating Education to 60 adults through the speaker's bureau at Adult Day Care in November 2016
- Provided Healthy Holiday Eating Education to 12 residents at Chandler Park Assisted Living through the speaker's bureau in November 2016
- Provided Healthy Holiday Eating Education to 75 students through the speaker's bureau at The International Center in November 2016
- Provided Nutrition Education to 45 members at Eastwood Baptist through the speaker's bureau in November 2016
- Provided 12 body fat screenings at Scottsville Allen County Health Fair in November 2016
- Provided Nutrition information to 35 students at SKYCTC for the Refugee Program through the speaker's bureau in December 2016
- Provided education to 12 residents on Heart Healthy New Year's Resolutions at Chandler Park Assisted Living through the speaker's bureau in December 2016
- Provided education to 60 adults on Heart Healthy New Year's Resolutions at Adult Day Care in December 2016
- Offered Healthy Weight Healthy Life class in January 2017
- Provided education to 60 adults at Adult Day Care on Healthy Eating in January 2017
- Provided education on Healthy Eating to 50 students at the International Center in January 2017
- Provided education to 10 women at BRASS on Healthy Eating on a budget in January 2017
- 60 Women at The Heart of Nutrition Women in Charge Luncheon presented by Jenna Polk in February 2017
- Provided education on Heart Health to 50 adults at Adult Day Care through the speaker's bureau program in February 2017
- Provided education on Heart Health to 12 residents at Chandler Park Assisted Living in February 2017
- Provided education on Heart Health to 60 students at the International Center in February 2017
- Provided education to 5 employees on Heart Health Lunch and Learn at WRECC in February 2017
- Provided Nutrition information to 25 worksites through the Worksite Wellness Boards in February 2017

- 10 people participated in the Biggest Loser Challenge at Natcher Elementary School in February – March 2017. 58 total pounds lost and 46 inches total lost.
- Provided exercise education to 60 students at the International Center in March 2017
- Provided Body fat screenings to 20 participants at HeathCo Health Fair in March 2017
- Provided body fat screenings to 5 physicians for Doctor’s Day in March 2017
- Provided body fat screenings to 150 students at Butler County High School in April 2017
- Provided education to 60 adults at Adult Day Care on the Importance of Fruits and Vegetables in April 2017
- Provided education to Bowling Green High School on Healthy Snacks and Beverages in May 2017
- Provided nutrition education to 15 employees at WRECC in Franklin in May 2017
- Provided healthy beverage information to 1500 participants at WC Library Health Fair in June 2017
- Provided Nutrition and healthy beverage education to 600 children at Stand for Children’s Day in June 2017
- Provided diet education to 60 Grandparents at Community Action Grandparent Program in August 2017
- Provided nutrition education to 15 employees at AFNI in August 2017
- Provided education on Balanced Nutrition to 50 participants at Adult Day Care in September 2017
- Provided Nutrition information to 150 employees at Evine in October 2017
- Provided Nutrition information to 30 employees at Berry Global in October 2017
- Body fat analysis screenings at Health and Wellness Expo in January 2018 – 500 participants
- Nutrition presentation to 16 students at Boys and Girls Club in Franklin in February 2018
- Healthy Snack demo at Adult Day Care to 45 participants and 15 Morningside Assisted Living Residents in March 2018
- Nutrition presentation to 10 women at BRASS in March 2018
- 21 Body Fat analysis at HealthCo in March 2018

- Presentation on Nutrition at Lifeskills to 40 employees in May 2018
- 10 Body Fat analysis at Health & Safety Fair at Sloan in May 2018
- Presentation on Dietary Supplements to 35 women at Women in Charge Luncheon in May 2018
- 128 Body Fat analysis at WRECC Health Fair in June 2018
- 25 Body Fat analysis at AFNI Health Fair in June 2018
- 15 Body Fat analysis at Cannon Automotive in June 2018
- Sugar demonstration to 1200 kids at Stand for Kid's Day in June 2018
- Nutrition information to 600 employees at WRECC Health Fair in July 2018
- Nutrition information to 1000 parents at Warren County Back to School Bash in July 2018

### **Cardiovascular**

- 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)
  - 72 stroke screenings at Health and Wellness Expo in January 2016
  - 25 Stroke screenings at BAC Health Fair in January 2016
  - 14 stroke screenings at Kentucky Partnership for Family Health and Safety in January 2016
  - 70 stroke screenings at SCA Personal Care in March 2016
  - 21 stroke screenings at HeathCo in March 2016
  - 38 stroke screenings at Simpson County Community Health Fair in March 2016
  - 150 students educated at Boys and Girls Club on Brain Protector Program in March 2016
  - 670 students educated at Jody Richards Elementary School on Brain Protector Program in April 2016
  - 20 adults educated during Foster Grandparent meeting through Community Action on stroke in April 2016
  - 21 stroke screenings at The International Health Fair in April 2016
  - 153 students educated at the Warren East Middle School Health and Safety Fair on Brain Protector Program in May 2016
  - Reached 75 adults on education about stroke at adult day care in May 2016

- Reached 10 seniors on stroke education at Chandler Park Assisted Living in May 2016
- Reached 75 students at The International Center on stroke education in May 2016
- Provided stroke and DVT information at Women in Charge Luncheon in May 2016. Reached 28 women
- Provided 110 stroke screenings at WRECC employees worksite wellness health fair in June 2016
- 35 adults educated on Brain Protector Program at Oakland Baptist Church in August 2016
- Provided stroke/hypertension information to 75 students through the speaker's bureau program at the international center in August 2016
- Provided 30 stroke screenings at Morgantown Care and Rehab in August 2016
- Provided 25 stroke screenings at Signature Healthcare in August 2016
- Provided 23 Stroke screenings at the Healthy Aging Fair in September 2016
- Stroke screenings were provided at the Women's Conference in September 2016. 380 attendees
- Provided 12 stroke screenings at Sister Schubert's Health Fair in October 2016
- Provided 2 stroke screenings at T. Marzetti Health Fair in October 2016
- 35 stroke screenings at Atmos Energy Worksite Wellness Health Fair in November 2016
- Provided 12 stroke screenings at Scottsville Allen County Health Fair in November 2016
- 533 students educated on the Brain Protector Program at Potter Gray Elementary School in November 2016
- 96 stroke screenings were provided at the Health and Wellness Expo in January 2017
- 13 Stroke screenings were provided at KY Partner for Farm Families Health and Safety Fair in January 2017
- Provided education to 65 adult women on Protecting your Brain at Women in Charge Luncheon in January 2017
- Provided 30 stroke screenings at Franklin Simpson Health Fair in March 2017
- Provided 20 stroke screenings to employees at HeathCo in March 2017

- Provided 105 stroke screenings to employees at Franklin Precision Industry in April 2017
- Provided 15 stroke screenings to seniors at the Healthy Aging Fair in April 2017
- Provided 25 Stroke screenings at Med Center Cafeteria in May 2017
- Provided 43 Stroke screenings at Vermont Thread Gage Health Fair in May 2017
- Provided 16 stroke screenings at Mamm's Day Out in May 2017
- 275 students educated at the Warren East Middle School Health and Safety Fair on Brain Protector Program in May 2017
- Provided 30 stroke screenings at Caverna Health Fair in May 2017
- Provided 55 stroke screenings at Albany Health Fair in May 2017
- Provided 40 stroke screenings at WRECC Health Fair in May 2017
- Provided 20 stroke screenings at Med Center Ambulatory Surgery in May 2017
- 54 students educated at Teen Volunteer Orientation on the Brain Protector Program in June 2017
- 60 Stroke Screenings provided for employees at WRECC Health Fair in June 2017
- Provided blood pressure education to 30 employees during Fruit of the Loom wellness team meeting in July 2017
- Brain Protector Program with Boys and Girls Club in Franklin in January 2018 – 30 students
- 97 Stroke screenings at Health and Wellness Expo in January 2018
- 25 Stroke screenings at Medical Center in Franklin Health Fair in March 2018
- 21 Stroke screenings to HealthCo employees in March 2018
- 55 Stroke screenings to Georgia Pacific employees in April 2018
- 60 Stroke screenings to FPI employees in April 2018
- Presentation on Stroke at Adult Day Care to 25 adults in May 2018
- Presentation on Stroke at Chandler Park Assisted Living to 12 residents in May 2018
- Presentation on Stroke at The International Center to 35 students in May 2018
- Brain Protector Program presentation at Warren East Middle School for 330 students in May 2018
- 57 Stroke screenings at Vermont Thread Health Fair in May 2018

- 28 Stroke screenings at Christian Healthcare in June 2018
- 128 Stroke screenings at WRECC Health Fair in June 2018
- 10 Stroke screenings at AFNI Health Fair in June 2018
- Brain Protector Program presentation for 56 teen volunteers in June 2018
- 15 Stroke screenings at Cannon Automotive in June 2018
- Offer blood pressure screenings through the CARE collaborative in partnership with the Kentucky Heart Disease and Stroke prevention task force
  - Offered daily
  - Blood pressure provided for 12 participants at Morningside Assisted Living in May 2016
  - Blood pressure provided for 21 participants at BG Retirement Village in May 2016
  - Blood pressure provided for 15 participants at Chandler Park Memory Care in May 2016
  - Blood pressure provided for 15 participants at Chandler Park Assisted Living in May 2016
  - Blood pressure provided for 12 participants at Warren County Senior Center in May 2016
  - Blood pressure provided for 14 participants at Massey Springs Assisted Living in May 2016
  - Blood pressure provided for 11 participants at Morningside Assisted Living in May 2016
  - Blood pressure provided for 48 participants at Edmonson County Senior Center Health Fair in May 2016
  - Provided 13 blood pressure screenings at WKU Farm Ag Expo in January 2017
  - Blood pressure provided for 70 participants at the Warren County Service Fair in April 2017
  - Blood pressure provided for 25 people at Med Center Cafeteria in May 2017
  - Blood pressure provided for 43 employees at Vermont Gage Thread in May 2017
  - Blood pressure provided for 14 employees at AFNI in May 2017
  - 16 Blood pressures provided at Mamm's Day Out in May 2017
  - 55 Blood pressures provided at Albany Health Fair in May 2017
  - 30 Blood pressures provided at Caverna Health Fair in May 2017
  - 40 Blood pressures provided at WRECC Health Fair in May 2017

- 12 Blood pressures provided at Hot Rods Night in July 2017
- 50 blood pressure screenings at ESL event at Warren Central High School in November 2017
- 36 Blood pressures provided at Morningside Wear Red Campaign in February 2018
- 12 Blood pressures at Chandler Park Assisted Living in February 2018, 14 blood pressures in March 2018, and 15 in April 2018
- 15 Blood pressures at Chandler Memory Care in February 2018, 18 in March, and 15 in April 2018
- 21 Blood pressures at BG Retirement Village in February 2018, 30 Blood pressures in March, and 25 in April 2018
- 10 Blood pressures at Village Manor in February, 12 in March, and 13 in April 2018
- 12 Blood pressures at Franklin Senior Center in February 2018, 12 in March, and 18 in April 2018
- 11 Blood pressures at Warren County Senior Center in February 2018, and 15 in April 2018
- 12 Blood pressures at Edmonson County Senior Center in February 2018, 16 in March, and 17 in April 2018
- 6 Blood pressures at Barren County Senior Center in March 2018, and 6 in April 2018
- 18 Blood Pressure screenings at Chandler Memory Care in May; 21 in June, and 13 in July
- 20 Blood Pressure screenings at Bowling Green Retirement Village in May; 25 in June, and 18 in July 2018
- 10 Blood Pressure screenings at Village Manor in May; 10 in June, and 12 in July 2018
- 13 Blood Pressure screenings at Chandler Park Assisted Living in July 2018
- 12 Blood Pressure screenings at Franklin Senior Center in May; 10 at Bowling Green Senior Center, and 52 at Butler County Senior Center in May 2018
- 13 Blood Pressure screenings at Franklin Senior Center in June; 14 at Bowling Green Senior Center, and 16 at Edmonson Senior Center in June 2018
- 11 Blood Pressure screenings at Franklin Senior Center in July; 4 at Butler Senior Center, and 15 at Warren Senior Center in July 2018
- 6 Blood Pressure screenings at Arcadia Assisted Living in July 2018



- 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
  - Provided EHAC info, aspirin packets at The Health and Wellness Expo in January 2016
  - Provided EHAC info, aspirin packets, and pulse point at chest pain celebration in February 2016
  - Reached 60 students at International Center about EHAC in February 2016
  - Provided EHAC information at Jody Richards Career Fair in March 2016
  - *WellNews* article, “*Rehabilitation Helps Patient Bounce Back*” featured in Winter 2016
  - *WellNews* article, “*New Class Helps Patient Manage Congestive Heart Failure*” featured in Winter 2016
  - *WellNews* article, “*Exercising with Heart Problems*” featured in Winter 2016
  - *WellNews* article, “*Get the App Save a Life*” featuring PulsePoint in Spring 2016
  - *WellNews* article, *STROKE: What would your child do?* Featured in Summer 2016
  - *WellNews* article, *Could You Have a Heart Attack And Not Know It?* Summer 2016
  - *WellNews* article, *Award-Winning Stroke Care*, in Fall 2016
  - Provided EHAC information for 200 participants at Bendix Employee Health Fair in August 2016
  - A *90 seconds to better health* TV segment on Women and Heart Disease presented by Jacqueline Dawson Dowe in February 2016
  - Heart Failure in Women Presented by Jacqueline Dawson Dowe M.D. at A Day Just for Women Conference in September 2016. 380 attendees
  - Provided EHAC information for 22 attendees at Ag Night a Chaney’s Dairy Barn in September 2016
  - Provided EHAC information for 50 USDA Employees for Worksite Wellness Health Fair in September 2016
  - Provided EHAC information for 40 at City of Bowling Green employee wellness health fair in October 2016
  - Provided Hands Only CPR to 10 people at WKU Farm Ag Expo in January 2017

- Provided EHAC information to 42 members at BAC Health Fair in January 2017
- *WellNews* article, “*Fast Treatment for Heart Attack*” featured in Winter 2017
- *WellNews* article, “*FAST Action Matters When a Stroke Hits*” featured in Spring 2017
- Heart Disease and Prevention in Women presented by Jacqueline Dawson Dowe at Women’s Heart Luncheon in February 2017. 88 women attended
- 120 people reached on EHAC education, aspirin packets education at the Chest Pain Celebration in February 2017
- Provided EHAC information to 290 employees at Bendix Health Fair in July 2017
- Provided Heart Health Education to 6 participants at Warren County Public Library in February 2018
- Presentation on Heart Health to 40 adults at Adult Day Care in February 2018
- Presentation on EHAC to 35 students at The International Center in February 2018
- Presentation on Stroke to 10 residents at Village Manor in March 2018
- EHAC and Aspirin Campaign information to 55 students at Alumni Lunch in February 2018
- EHAC and Aspirin Campaign information to 20 participants at Med Center Cafeteria in February 2018
- Heart Disease presentation to 27 women by Dr. Dawson at the Women in Charge Luncheon in February 2018
- Offer the LEAP program (Lifelong Education and Advocacy Program) twice a year at the Health & Wellness Center for stroke survivors and caregivers along with monthly support group
  - LEAP program offered in May and October 2016
  - LEAP program offered in April and October 2017

### **Lung Cancer**

- Host the American Lung Association’s Freedom from Smoking program at the Health & Wellness Center and offer to area worksites
  - Offered Freedom from Smoking Program at the Health and Wellness Center January – March 2016

- Offered Freedom from Smoking Program at the Health and Wellness Center August – September 2016
- Offered Freedom from Smoking Program at the Health and Wellness Center in January - March 2017
- Offered Freedom from Smoking Program at the Health and Wellness Center in April – June 2017
- Offered Freedom from Smoking Program at the Health and Wellness Center in July – August 2017
- Offered Freedom from Smoking Program offered at the Health and Wellness Center in January and April 2018
- Offered Freedom from Smoking Program at Health and Wellness in July 2018
- Offer low-dose CT scans for lung cancer screenings
  - *WellNews* article, “*Worried about Lung Cancer*” featured in Spring 2016
  - Offer Lung Health screenings in April 2017 at Health and Wellness Center
- Continue to support a smoke-free community by remaining a smoke/tobacco free campus
- Work in conjunction with community partners for implementation of smoke free environments throughout the community.

### **Substance Abuse and Addiction**

- Educate community on dangers of substance abuse through articles in *WellNews*
- Offer education programs on the Trends in Drug Abuse to community, nurses and physicians
  - Women in charge luncheon, Melinda Joyce spoke about Trends in Drug Abuse in July 2016

### **3. Access to Care**

- 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
  - *WellNews* article, “*Community Clinic offers Flexible, Accessible Care*” featured in Winter 2016
  - A *90 seconds to better health* TV segment on Benefits of the Community Clinic presented by Dr. Seshadri in July 2016



- Offer physician services to employees of CHC through the Employee Health Clinic
- Provide onsite health fairs at local industries



### *Communication Plan*

The Medical Center at Caverna 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 Caverna is committed to the Community Health Needs Assessment and believes 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.