



THE MEDICAL CENTER AT CAVERNA



Med Center Health.

**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. (“Commonwealth”), a non-stock, nonprofit Kentucky corporation, 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 Hart County and the surrounding area convenient access to experienced doctors, quality healthcare services and health information.

On January 1, 2016, the Corporation purchased the assets and liabilities of Caverna Memorial Hospital (which opened its doors in June, 1967) and has operated the facility as a separately licensed hospital under the name “The Medical Center at Caverna” (Hospital). The hospital provides community members with high quality inpatient and outpatient services including a 24 hour full service emergency room.

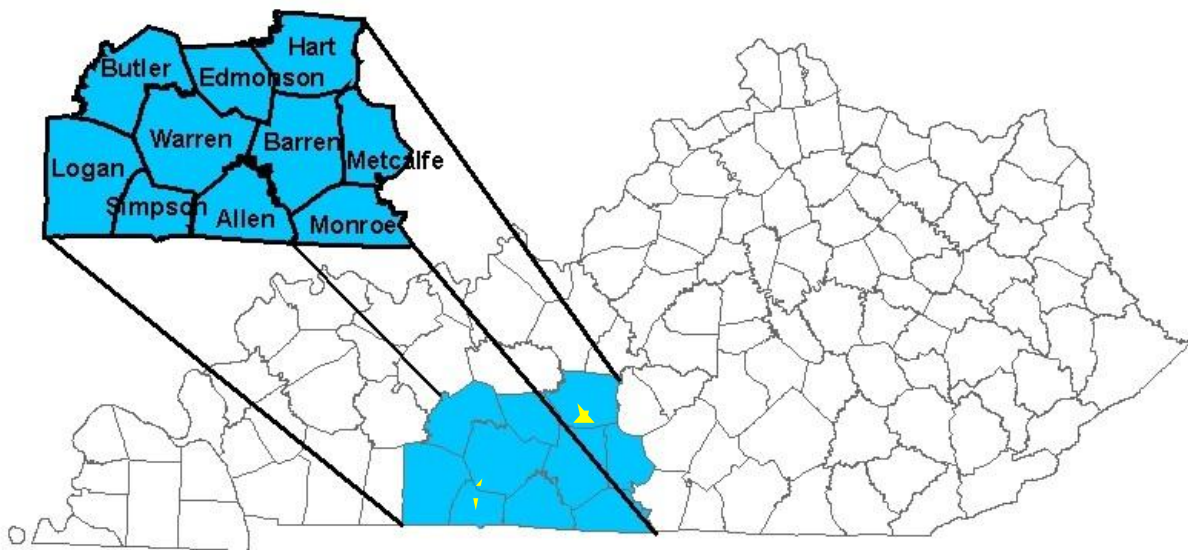
The hospital also provides laboratory, x-ray, CT Scanning, ultrasound, digital mammography, mobile MRI, respiratory therapy and rehabilitation services. The facility is licensed as a 25-bed Critical Access Hospital and has two provider-based Rural Health Clinics: one in Horse Cave, KY and one in Munfordville, KY. The hospital currently employs a board certified internist, a board certified Family Medicine practitioner and two APRNs for the two Rural Health Clinics. It utilizes several specialists through its Specialty Clinic.

Endoscopies and minor surgeries are available at the facility as scheduled procedures. Chemotherapy services have been available since late 2018. Recent services staffed at the specialty clinic include cardiology, pulmonology, general surgery, oncology, hematology, OB/GYN and orthopedics. The hospital also operates an outpatient geriatric mental health service program under the name “Senior Perspectives Caverna”.

Service Area Description

The Medical Center at Caverna is located in South-central Kentucky off Interstate 65, between exits 58 and 53. The facility provides inpatient and outpatient services for residents in Hart County, as well as patients from Barren, Metcalfe and Edmonson Counties. The hospital also serves patients traveling on I-65.

★ The Medical Center at Caverna



Mission, Vision & 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.

Community Definition & Description

The City of Horse Cave is located in southern Hart County, Kentucky about one mile north of Barren County and Cave City. Access to a major interstate (I-65) is a major benefit to the community. The community has been able to maintain a low cost of living while keeping a high quality of life in a “small town America” setting. Horse Cave, Kentucky, is roughly equidistant between Bowling Green, KY to the south and Elizabethtown, KY to the north. It is also roughly equidistant between Louisville, KY to the north and Nashville, TN to the south.

Demographics

Historical populations – Hart County

2010	18,199
2020	19,288

<https://www.census.gov/quickfacts/fact/table/hartcountykentucky/PST045219>

16.7% of the population are aged 65 and over and 24.8% are 18 and under. The median household income during 2015-2019 was \$38,396 annually in Hart County. The per capita income was \$20,742. The poverty rate is 22.1%. From an education standpoint, 76.2% of the county residents graduated from high school or had an equivalent degree, and 11.4% obtained a bachelor's degree or higher.

Cities and Towns

The following towns are located in Hart County, Kentucky with Munfordville being the County Seat:

Incorporated

- Bonnieville
- Horse Cave
- Munfordville

Unincorporated

- Canmer
- Cub Run
- Hammonsville
- Hardyville
- Legrande
- Linwood
- Monroe
- Priceville
- Rowletts
- Uno
- Three Springs

Adjacent Counties

- Hardin County (north)
- LaRue County (northeast)
- Green County (east)
- Metcalfe County (southeast)
- Barren County (south)
- Edmonson County (southwest)
- Grayson County (northwest)

Hart County, Kentucky

<u>QuickFacts</u>	<u>Hart County</u>	<u>Kentucky</u>
Population, Census, 4/1/2020	19,288	4,505,836
Population, Census, 4/1/2010	18,199	4,339,367
Population, percent change, 4/1/2010 - 4/1/2020	6.0%	3.8%
Persons under 5 years, percent, 7/1/2021	7.4%	6.1%
Persons under 18 years, percent, 7/1/2021	24.8%	22.4%
Persons 65 years and over, percent, 7/1/2021	16.7%	16.8%
Female persons, percent, 7/1/2021	50.8%	50.7%
White persons, percent, 7/1/2021	92.9%	87.5%
Black persons, percent, 7/1/2021	4.5%	8.5%
American Indian & Alaska Native persons, %, 7/1/2021	0.3%	0.3%
Asian persons, percent, 7/1/2021	0.5%	1.6%
Native Hawaiian & Other Pacific Islander persons, 7/1/2021	0.1%	0.1%
Persons reporting two or more races, percent, 7/1/2021	1.8%	2.0%
Persons of Hispanic or Latino Origin, percent, 7/1/2021	1.9%	3.9%
White alone not Hispanic, percent, 7/1/2021	91.3%	84.1%
Living in same house 1 year & over, 2015-2019	90.5%	84.9%
Non-English language at home, % age 5+, 2015-19	6.7%	5.6%
High school graduates, % age 25+, 2015-19	76.2%	86.3%

QuickFacts

	<u>Hart County</u>	<u>Kentucky</u>
Bachelor's degree or higher, percent age 25+, 2015-2019	11.4%	24.2%
Veterans, 2015-2019	1,222	267,594
Mean travel time to work (minutes), workers age 16+, 2015-2019	29.1	23.6
Men-owned firms, 2012	977	184,154
Women-owned firms, 2012	560	106,011
Retail sales, 2012 (\$1000)	157,919	54,869,978
Retail sales per capita, 2012	\$8,598	\$12,526
Annual payroll, 2019, (\$1000)	149,281	74,883,767
Employment, 2019	4,170	1,666,637
Health care & Social assistance receipts, 2012 (\$1000)	32,212	26,264,745
Land area in square miles, 2010	412.1	39,486.3
Persons per square mile, 2010	44.2	109.9

Source U.S. Census Bureau: State and County QuickFacts.

County Health Indicators

<u>Demographics</u>	<u>Hart County</u>	<u>Kentucky</u>
Poor or fair health	29%	22%
Poor physical health days	5.9	4.6
Poor mental health days	5.6	5.0
Low birthweight	8%	9%
Adult Smoking	28%	24%
Adult Obesity	30%	35%
Physical Inactivity	32%	29%
Access to exercise opportunities	40%	71%
Excessive drinking	15%	17%
Alcohol-impaired driving deaths	29%	25%
Sexually transmitted infections	234.6	436.4
Uninsured	8%	7%
Primary care physicians	2,700:1	1,540:1
Dentists	3,810:1	1,490:1
Mental health providers	1,190:1	420:1
Preventable hospital stays	6,563	5,615
Mammography screenings	35%	40%

Source: <http://www.countyhealthrankings.org/app/kentucky/2021/compare/snapshot>

Purpose

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

- To help the hospital meet its 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 and prioritize the areas of greatest need
- To develop a strategic plan to address those needs.
- To work with other key members of the community so that needs are met, and duplication is minimized
- 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 identifies how the needs identified in previous assessments have been 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. Med Center Health used primary data obtained from a community survey in partnership with the BRIGHT Coalition and Barren River Health Department. A secondary survey to community leadership was used as well as secondary market research.

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

The Medical Center at Caverna Implementation Strategies for Addressing Community Health Needs During 2019-2021

Based upon the research and recommendations from hospital staff, administration and the Board of Directors, the following strategies were developed to address our community's health needs during 2019-2021. The number of events and activities were curtailed by the COVID-19 pandemic.

Implementation Strategies

Identified Priority: Substance Abuse

Goals:

- Reduce the incidence of drug related overdoses and deaths
- Increase community awareness of the options available to assist those struggling with substance abuse problems

Partners:

- Barren River District Health Department
- Hart County Addiction Resource Team

Plan:

The Medical Center at Caverna will:

1. Provide a member to serve on the Hart Addiction Resource Team.

Result: The Hospital provided a person for this team.

2. Explore with our community partners how to fill identified gaps in treatment and recovery in our community.



Result: The Hart Addiction Resource Team (HART) developed an on-line tool which promotes resources available to those recovering from Substance Abuse problems.

3. Promote awareness of treatment options available to those struggling with chemical addiction.

Result: The HART promoted this on-line tool to the community through the Hart County Chamber of Commerce and Hart County Fiscal Court.

4. Educate and provide tools to help providers safely prescribe opioids and monitor usage.

Result: The HART provided the on-line resource to providers in the community.

Identified Priority: Chronic Disease Prevention and Management

Goals:

- Enhance public knowledge of obesity risk and its adverse effects on health
- Promote lifestyle changes to reduce risk of obesity and other chronic diseases
- Educate the public on resources available to reduce obesity
- Educate the public on resources available to treat chronic diseases including diabetes, heart disease and lung disease

Partners:

- Barren River District Health Department
- UK Extension Office
- Medicaid Managed Care Program/Case Management
- Kentucky Heart Disease and Stroke Prevention Task Force
- Hart County Schools
- Caverna Schools
- American Heart Association
- American Lung Association
- UK Markey Cancer Center

Plan:

The Medical Center at Caverna will:

1. Promote educational offerings related to chronic disease prevention and management and provide space, as available, for these offerings.

Result: Various educational offerings were promoted. The COVID-19 pandemic curtailed in-person gatherings for most of the period.



2. Provide or support community health fairs with blood pressure screenings, glucose screenings and stroke risk assessments.

Result: Some community health fairs were promoted, but the COVID-19 pandemic curtailed many of these opportunities.

3. Provide educational materials related to chronic disease prevention and management at health fairs and other community events.

Result: Educational materials and social media posts were provided throughout the period.

4. Encourage hospital employees to take advantage of healthy lifestyle initiatives as opportunities arise.

Result: Employees were encouraged to participate in healthy lifestyle activities by the H.R. and Marketing departments throughout the period. Many employees were able to earn health reimbursement account incentives for meeting healthy lifestyle goals.

5. Increase our focus on chronic disease prevention and management in our two Rural Health Clinics.

Result: Over 1,000 chronic disease visits were provided throughout the period.

6. Work with partners to promote the implementation of smoke free environments throughout the community.

Result: Smoke free environments were encouraged and promoted.

Survey Process

The BRIGHT (Barren River Initiative to Get Healthy Together) Coalition formed in 2011 to answer the question, “How can leaders of South Central Kentucky’s rural communities work together to improve our overall health status, strengthen the economy, contribute to education successes, and improve quality of life?” Since then, the coalition has grown from its original seven community partners to 47 organizations and still growing.

Through the BRIGHT Coalition, three survey cycles have been completed. Beginning in July 2021, Med Center Health in conjunction with the BRIGHT Coalition and the Barren River Health Department began the community health assessment/community health improvement plan (CHA/CHIP) process for the upcoming fourth cycle using the Association for Community Health Improvement’s Community Health Assessment Toolkit. The toolkit offers a nine-step pathway for conducting a community health assessment and developing implementation strategies.



Reflection on previous cycle

Reflection of the previous survey cycles raised several questions:

- How do we get the CHA survey to more of the underserved populations in our area?
- Based on feedback from the previous survey, how do we come up with a shorter survey that still gives an adequate assessment of the community needs?
- What do we want to learn from this survey?

The 2019-2021 survey activities summary is on pages 14-17 of this document. The COVID-19 pandemic posed numerous challenges in meeting the implementation strategies set forth for the 2019-2021 health improvement plan. Community partnerships have deepened through the pandemic as area businesses pivoted their efforts to meet the needs of the community during the pandemic.

Programs, including Medical Nutrition Therapy and Diabetes Self-Management education were offered as telehealth services through Med Center Health in Bowling Green. Telemedicine was also utilized at the rural health clinic and other service lines throughout the hospital system.

The Medical Center at Caverna also served as a COVID-19 vaccination site starting December 2020 and administered approximately 2,400 vaccinations during the past year, which is included in the overall 100,000 vaccinations administered by Med Center Health. Consistent, up to date information and data pertaining to COVID-19 was, and have continued to be, communicated to the public on an ongoing basis via media and social media outlets. In addition, Med Center Health hospitals, including The Medical Center at Caverna, also served as a monoclonal antibody treatment sites for the communities.

Over the 2019-2021 cycle, it was noted that the social determinants of health are a factor in recovery after a patient is discharged from the hospital. Knowing an individual's neighborhood, access to affordable housing and healthy food, sense of community and belonging can affect their overall health and health outcomes. Questions pertaining to the social determinants of health were developed on The Medical Center at Caverna's inpatient intake form. Resources have been identified and provided to the patient when there is a need related to one or more of the social determinants of health. If the need cannot be met by Med Center Health, a list of resources available in the area will be provided to the patient. A significant part of Med Center Health organization's fiscal year 2022 strategic initiatives includes to "partner with key community stakeholders to systematically address social determinants of health".

It's always important for healthcare entities to know where individuals receive their healthcare when evaluating the need for providers, services, etc. In 2019, an estimated 8% of the Hart County population was uninsured. Those numbers are likely higher due to numerous jobs being lost throughout the COVID-19 pandemic.

Stakeholders

With a diverse membership, the BRIGHT Coalition has a large group of stakeholders. Coalition members are consistently encouraged to invite potentially interested stakeholders to the table to get involved with our collective efforts.

The BRIGHT Coalition consists of the following active organizations:

Allen County Health Department
Barren River Area Development District (BRADD)
Barren River District Health Department
City of Bowling Green
Community Action of Southern Kentucky
Community Farmers Market
Barren River District Health Department
Commonwealth Regional Specialty Hospital
Fairview Community Health Center
Lifeskills, Inc.
Med Center Health Bowling Green
Med Center Health Caverna
Med Center Health Franklin
Med Center Health Scottsville
T.J. Regional Health
Warren County Library
WKU Department of Public Health

Assessment Process

Questions developed for the Community Health Assessment were based on social determinants of health, as well as, input from the BRIGHT Coalition membership and the needs of the different organizations involved. A complete survey was developed through a series of BRIGHT board meetings, feedback from Dr. Gretchen Macy with the Department of Public Health at Western Kentucky University, as well as, feedback from the BRIGHT Coalition membership.

Social determinants of health were utilized again for the development of the survey for our fourth cycle. As stated previously, social determinants of health include conditions where people are born, currently live, and work that affect health, as well as quality of life risks and outcomes. The social

determinants of health include economic stability, access to and quality of education, healthcare access and quality, neighborhood and built environment, and social and community context.

The survey was distributed from October 1, 2021-November 30, 2021 throughout the ten counties in the BRADD area by the BRIGHT Coalition members. Surveys were sent to various community partners including libraries, schools for dissemination in their online newsletters to parents, housing authorities, churches, medical offices, Chambers of Commerce and various businesses. QR codes were placed around towns, taken to events, factories, trunk or treats, employee newsletters, etc. Surveys and QR codes were shared at community events including events at the Foundry and the PRIDE festival in hopes of capturing underserved populations.

An online link to the survey was placed on the Med Center Health homepage as a popup prompting anyone who logged on to the Med Center Health website to take the survey. Links were posted weekly on Med Center Health Facebook page.

In an effort to reach more of the underserved and low income population, individual entities serving the underserved populations were asked to share the survey with their clientele. The Hart County Chamber of Commerce provided the QR code of the survey in their newsletter that goes out to industries in Hart County.

The COVID-19 pandemic presented barriers with getting the survey out to as many people as possible. A surge of the COVID-19 Delta variant in July 2021 caused many events to be cancelled. The pandemic also increased precautions for gatherings in the community in an effort to decrease potential spread of the virus. Every effort was made to make the survey easily accessible in as many areas as possible.

Supplemental surveys were sent to medical and community stakeholders.

Results were reviewed by the Med Center Health CHNA committee and needs were prioritized based on results from the overall survey, stakeholder input, community data review, as well as, Med Center Health's ability to impact the issue with services provided. The Community Needs Improvement Plan was approved by the CHC Board of Directors.

The table below summarizes what the respondents collectively feel are the biggest health issues in their homes and the riskiest behaviors in their community.

Prioritized Community Health Issues

5 Biggest Issues in your Home	5 Most Risk Behaviors in your Community
Overweight/Obesity	Substance Abuse
High Blood Pressure	Being Overweight/Obesity
Depression	Poor Diet/Eating Habits
Mental Health	Smoking/Vaping
Dental Problems/Diabetes	Alcohol Misuse

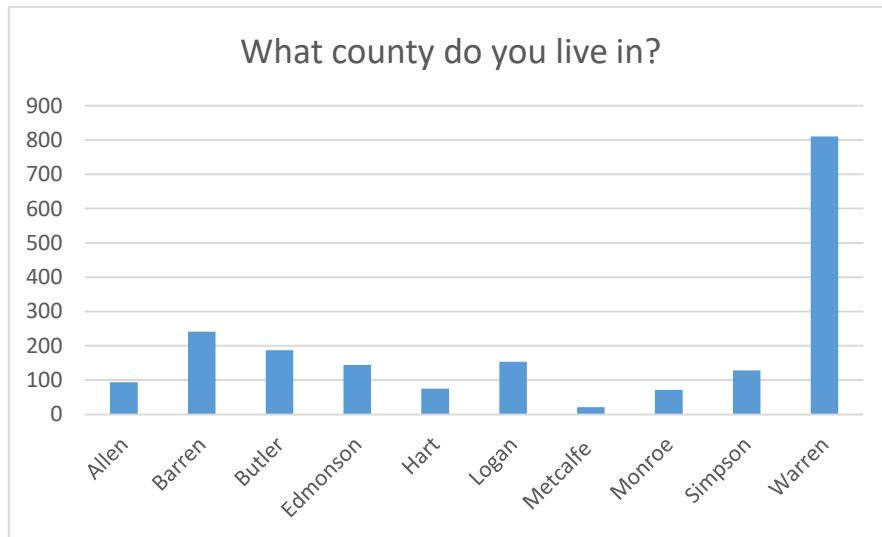
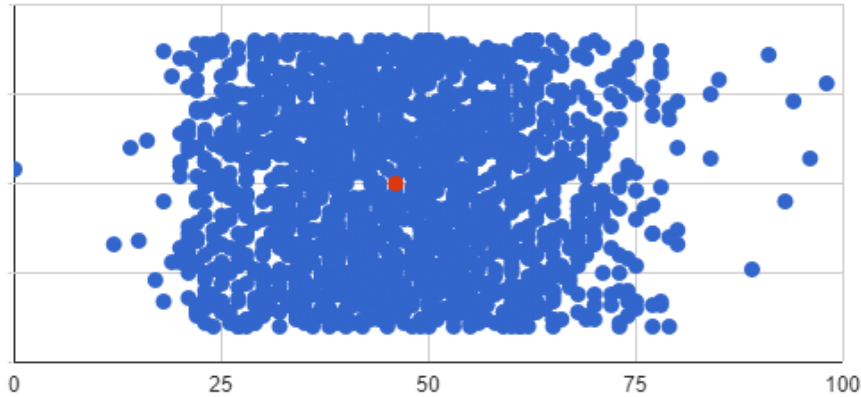
The BRIGHT Coalition Board met to analyze the results of the survey. The consensus of the group was to focus on the following priorities during this next three-year cycle: Obesity, mental health and tobacco use/vaping. The Medical Center at Caverna agrees that these are major health concerns, and we will continue to work diligently in our community on fostering improvement in these areas. We additionally feel that our resources and ability to affect change match the priorities listed on page 32.

The detailed survey results are provided below.

Survey Results

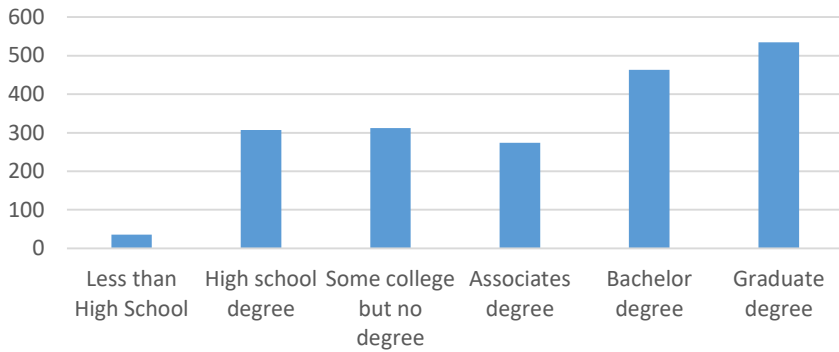
Community Survey Demographics of Respondents

Age

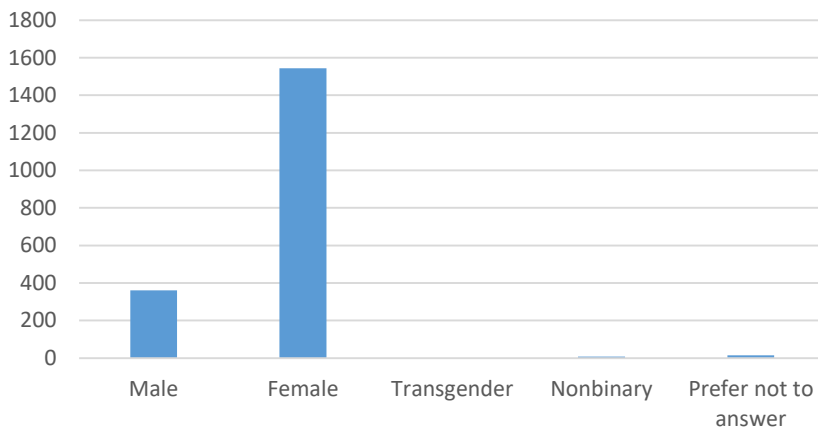




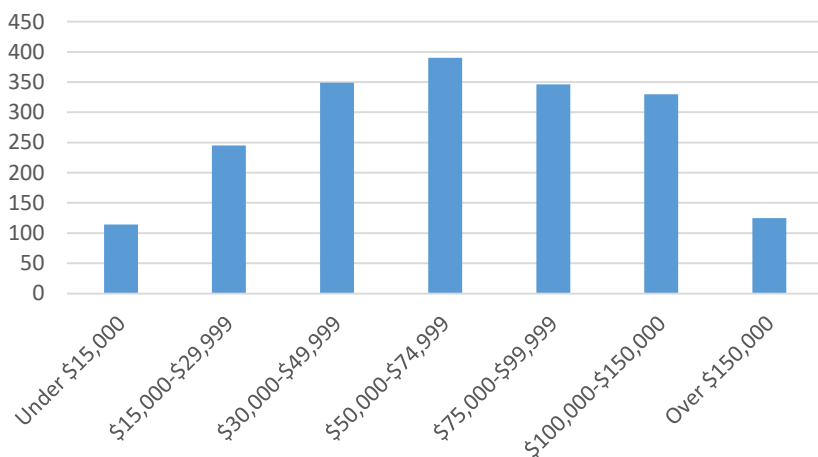
What is the highest degree or level of education you have completed?

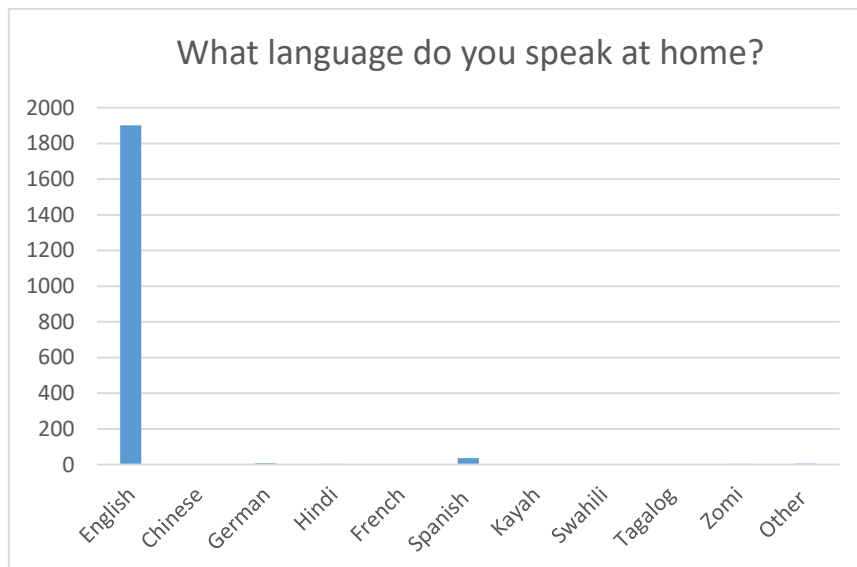
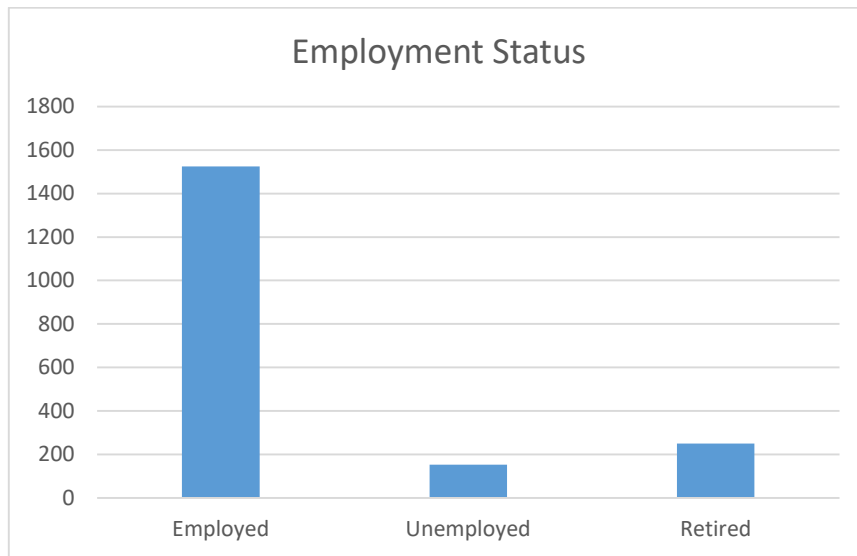


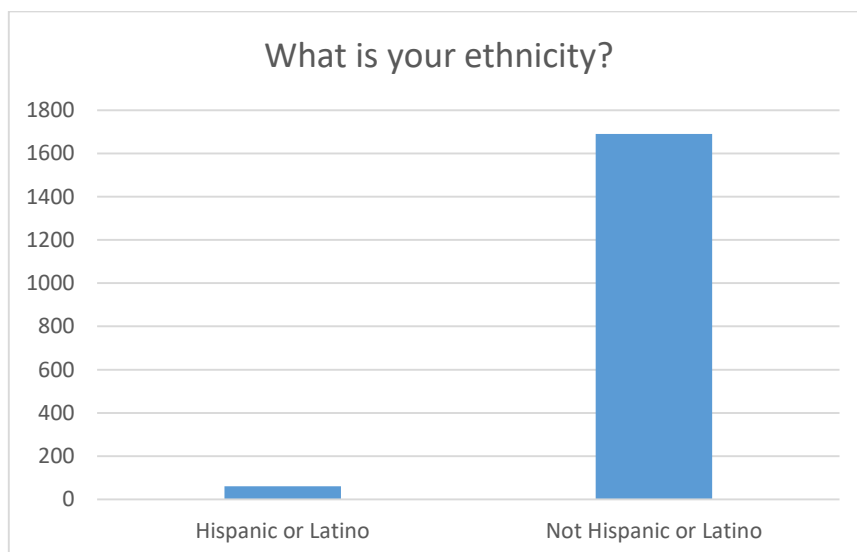
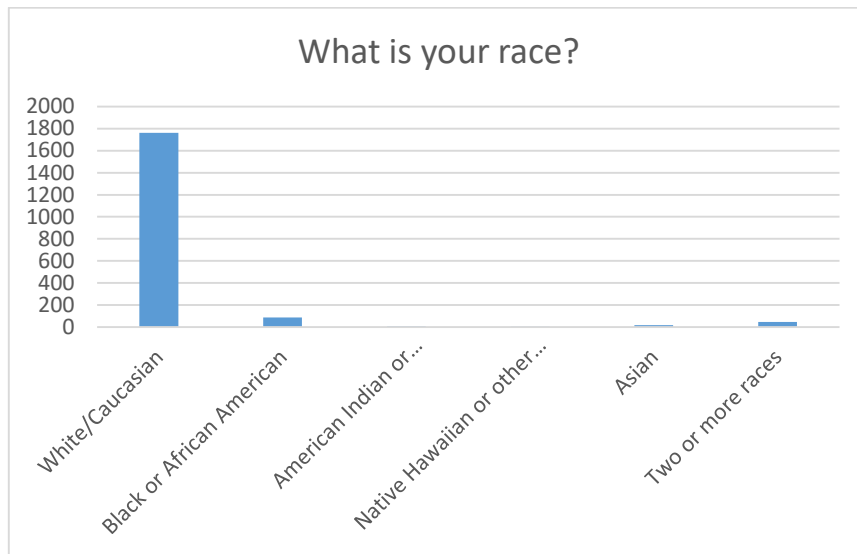
Gender



Household Income

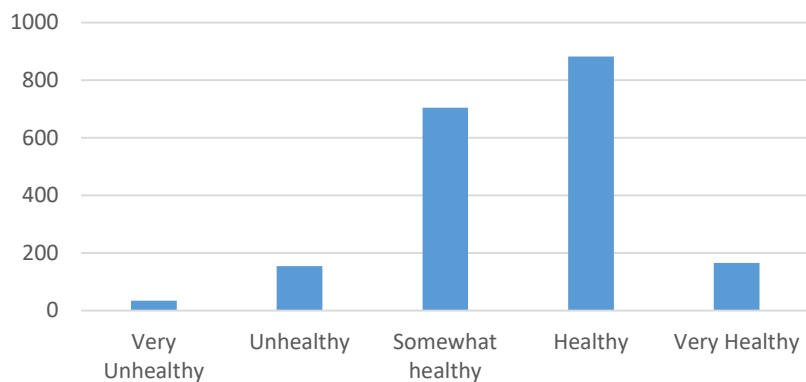




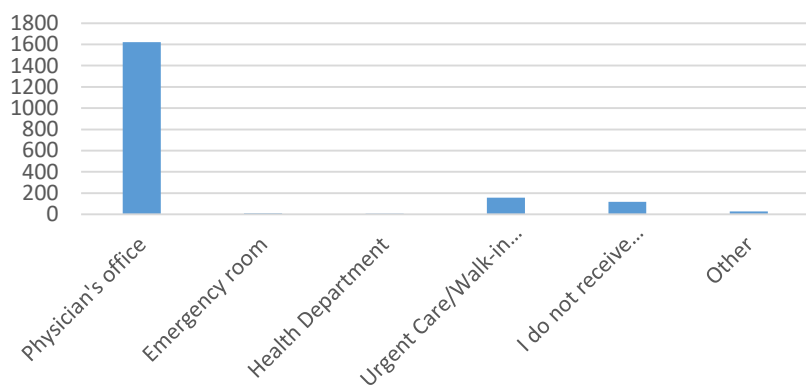




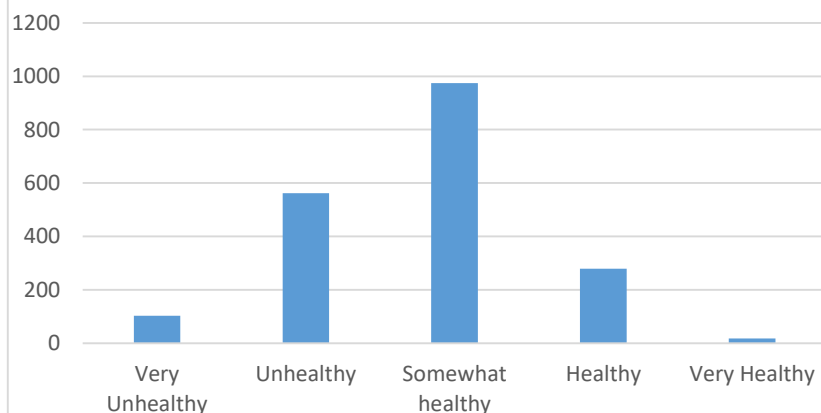
How do you rate your overall health?



Where do you go for routine healthcare?

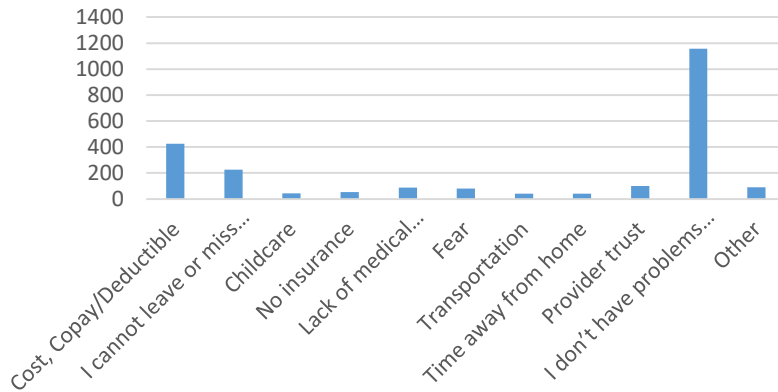


How do you rate the overall health of your county?

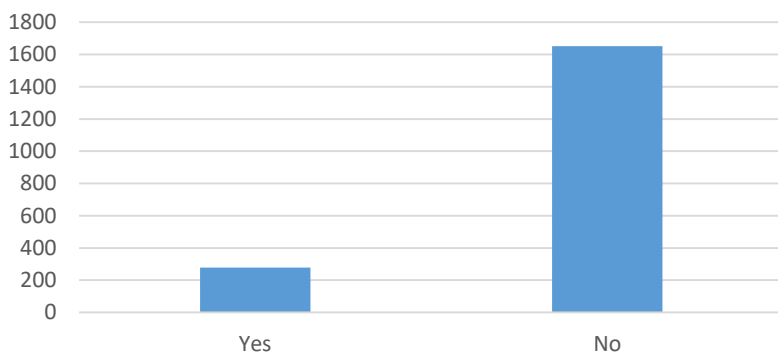




What keeps you from receiving healthcare?

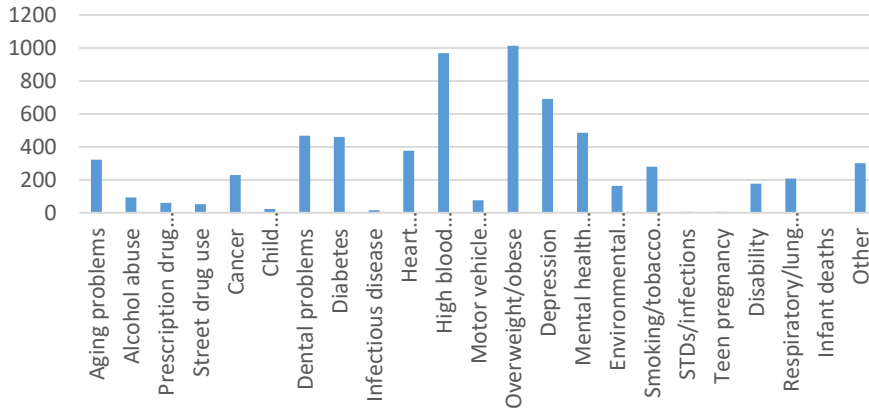


Do you use tobacco or nicotine products (including e-cigarettes, vapes, chewing tobacco, dip, snuff, snus and dissolvable)?

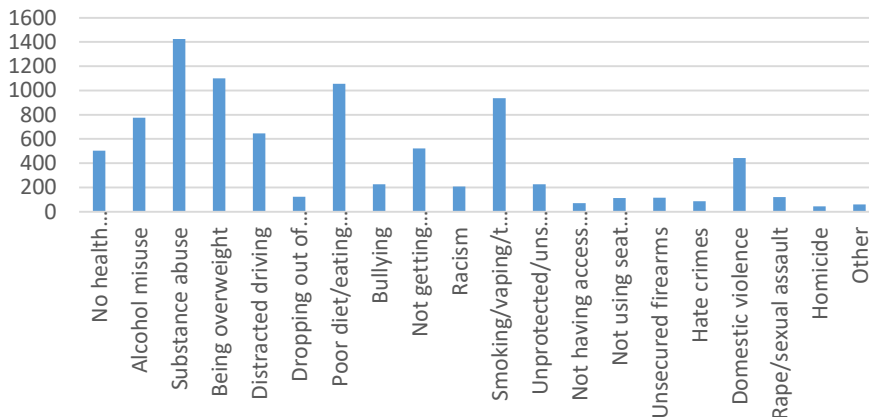


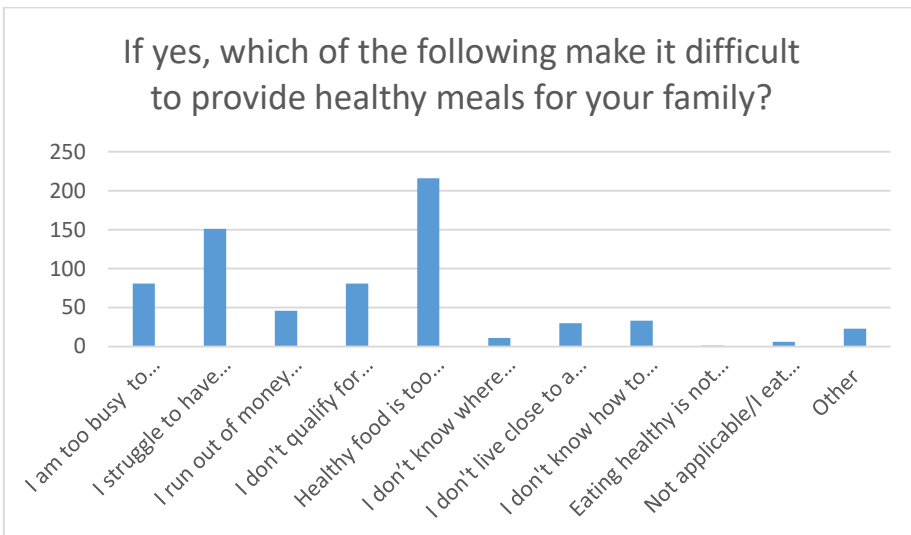
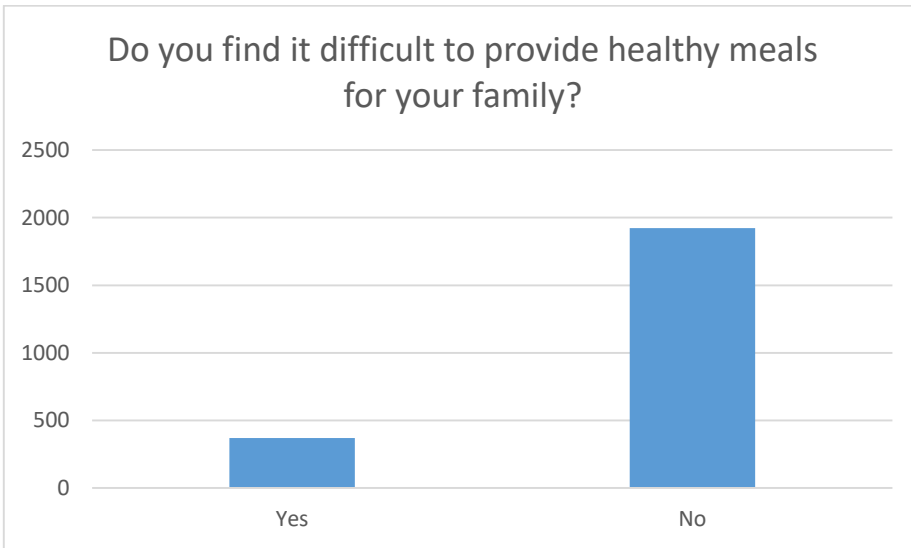


What do you think are the 5 greatest health problems affecting your household?



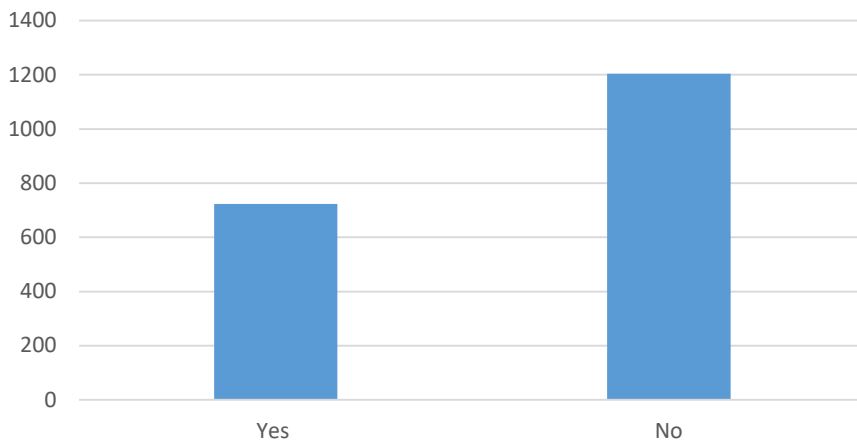
What do you think are the 5 most risky behaviors in your community?



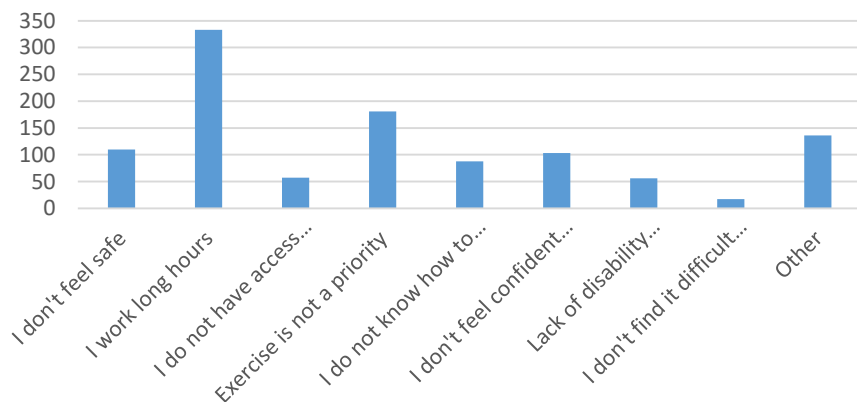




Do you find it difficult to be physically active?



If yes, what makes it difficult for you to be physically active daily? (select all that apply)



The Medical Center at Caverna Implementation Strategies for Addressing Community Health Needs in 2022-2024

After thorough review of the survey results, along with other data, The Medical Center at Caverna has prioritized the following community health issues to be addressed over the next three years:

- Lung Disease
- Substance Abuse
- Stroke Readiness

Rationale for These 3 Priorities:

- Data from the CDC indicates that more people in the U.S. die from **lung** cancer (139,603) than from colorectal cancer, breast cancer and prostate cancer *combined* (125,815). Kentucky has the second highest smoking rate among the 50 states at 23.6%. Hart County's death rate from lung and bronchus cancer is 25.4% higher than the Kentucky average. Last year, The Medical Center at Caverna purchased a new 64-slice CT Scanner which provides the capability of low-dose lung cancer screenings for the first time ever in Hart County. We will work to promote this new service in the hope of helping our community providers detect potential problems before nodules or irregularities become cancerous. Focusing on this priority will help us prolong many lives in our community for many years to come.
- **Substance abuse** continues to be one of the primary health problems in Hart County and much of the country. The adverse effects from substance abuse impact not only the health of the primary individual, but have harmful social and economic impacts on many more related individuals, and the whole community. The COVID-19 pandemic has dramatically exacerbated the opioid problem. A CDC analysis of overdose deaths involving synthetic opioids shows a 200% increase in deaths for teenagers compared to two years earlier.
- Someone in the United States has a **stroke** every 40 seconds. Every 4 minutes, someone dies of a stroke. Stroke is also a leading cause of serious long-term disability. Stroke reduces mobility in more than half of stroke survivors age 65 and over. The death rate from strokes in Hart County is 35.9% higher than the Kentucky rate. While we currently have sound processes in place to diagnose and treat stroke victims, The Medical Center at Caverna will work to become a certified Acute Stroke Ready Hospital within two years. We hope to save and prolong many lives as a result of this focus.

Source for stroke information: The American Heart Association

Implementation Strategies:

Identified Need: Lung Disease

Goal:

- Promote the availability of low-dose lung cancer screenings to providers and the community
- Increase the number of low-dose lung cancer screenings performed in Hart County
- Reduce the number of lung cancer diagnoses in Hart County and thereby prolong the lives of some in our community

Partners:

- Barren River District Health Department
- Med Center Health Primary Care Caverna
- Med Center Health Primary Care Munfordville
- Other primary care practices in the community

Plan:

- Promote the availability of low-dose lung cancer screenings to the local primary care practices
- Advertise the availability of low-dose lung cancer screenings through appropriate media venues
- Become a certified site for low-dose lung cancer screenings
- Provide low-dose lung cancer screenings with our recently purchased CT Scanner
- Collect data on cancer diagnoses in the coming three years and compare to the prior years

Identified Need: Substance Abuse

Goal:

- Increase community awareness of the options available to assist those struggling with substance abuse problems
- Utilize Med Center Health Primary Care Munfordville (a department of The Medical Center at Caverna) as a facility that treats patients addicted to opioids
- Increase the quality of life for those battling addiction and their loved ones by helping them abstain from opioid misuse

Partners:

- Med Center Health Primary Care Munfordville
- Med Center Health Primary Care Caverna
- The Medical Center at Albany
- Journey Pure
- Hart Addiction Resource Team
- Hart County Jail

Plan:

- Provide a member to serve on the Hart Addiction Resource Team
- Promote awareness of treatment options available to those struggling with chemical addiction
- Provide opioid abuse treatment options at Med Center Health Primary Care Munfordville
- Collect data on patients in the opioid addiction treatment program at Med Center Health Primary Care Munfordville in order to ascertain the effectiveness of the program by measuring the number who experience a higher quality of life

Identified Need: Stroke Readiness

Goal:

- Become a Certified Acute Stroke Ready Hospital by 2024
- Diagnose patients experiencing stroke symptoms as timely as possible
- Save lives and reduce disabilities from strokes

Partners:

- The Medical Center at Bowling Green
- The Medical Center at Albany
- The Medical Center at Franklin
- The Medical Center at Scottsville
- Q-Centrix, LLC
- Norton/UK Stroke Care Network
- The Joint Commission

Plan:

- Create and utilize a Stroke Committee
- Become a Certified Acute Stroke Ready Hospital by 2024
- Reduce “ED Arrival to Decision to Transfer” time to less than 60 minutes
- Reduce “ED Arrival to Depart” time to less than 120 minutes
- Promote “BE FAST” tool to the community through social and/or traditional media in order to help community members identify a stroke as early as possible

Explanation of priorities that will not be addressed at this time:

The BRIGHT Coalition Board met to analyze the results of the survey. The consensus of the group was to focus on the following priorities during this next three-year cycle: Obesity, mental health and tobacco use/vaping.

The Medical Center at Caverna will work with community partners to address these issues. We will continue to promote wellness and chronic disease visits at our two Rural Health Clinics: Med Center Health Primary Care Caverna and Med Center Health Primary Care Munfordville. Likewise, our focus on substance abuse goes hand-in-hand with promoting mental health. We will utilize our School-based Clinics in the Hart County and Caverna Independent School Systems to try to curtail the use of tobacco and vaping among school-aged children.

We feel the resources of The Medical Center at Caverna are best suited to *focus* on the three priorities described in the previous section, *without neglecting* the priorities identified by the BRIGHT Coalition. These are the areas we feel like our resources align with multiple community needs in order to best improve the overall health of the community.

Communication Plan

The Medical Center at Caverna will publish the Community Health Needs Assessment inclusive of the survey results and strategic plan on its website and make hard copies available to the public upon request. In addition, the results will be added in the hospital's annual IRS tax form 990 submission.

Conclusion

The Medical Center at Caverna has been committed to the Community Health Needs Assessment throughout the process. The CHNA has served to strengthen relationships with other providers of healthcare and organizations in the community. The surveys conducted have led to data-driven identification of key community health needs. The hospital has developed a detailed strategic plan to address these needs over the next three years with the ultimate goal of improving the quality of life of the individuals in the community we serve.

2021 Needs Assessment Survey

Thank you for taking the time to take our survey. Your participation will help us understand the true needs of our communities and better serve you and your family. This is a project managed by the Barren River Initiative to Get Healthy Together (BRIGHT Coalition). We appreciate you taking the time to take our survey.

1. How do you rate the overall health of your county?
 - a. Very unhealthy
 - b. Unhealthy
 - c. Somewhat healthy
 - d. Healthy
 - e. Very healthy

2. How do you rate your overall health?
 - a. Very unhealthy
 - b. Unhealthy
 - c. Somewhat healthy
 - d. Healthy
 - e. Very healthy

3. Where do you go for routine healthcare?
 - a. Physician's office
 - b. Emergency room
 - c. Health department
 - d. Urgent care center/ Walk-in clinic
 - e. I do not receive routine health care
 - f. Other _____

4. What keeps you from receiving healthcare? (Please select all that apply):
 - ☐ Cost, Copay/Deductible
 - ☐ I cannot leave or miss work to get routine care
 - ☐ Childcare
 - ☐ No insurance
 - ☐ Lack of medical providers in the area
 - ☐ Fear
 - ☐ Transportation
 - ☐ Time away from home
 - ☐ Provider trust
 - ☐ Other (please specify): _____

5. Do you use tobacco, or nicotine products (including e-cigarettes, vapes, chewing tobacco, dip, snuff, snus, and dissolvable)?
 - ☐ Yes
 - ☐ No



6. What do you think are the 5 greatest health problems in your household?

- | | |
|---|---|
| <input type="checkbox"/> Aging problems (Alzheimer's, falls, isolation, etc.) | <input type="checkbox"/> Mental health problems |
| <input type="checkbox"/> Alcohol abuse | <input type="checkbox"/> Environmental concerns |
| <input type="checkbox"/> Prescription drug abuse | (lead, radon, air quality, |
| <input type="checkbox"/> Street drug use | secondhand smoke, etc.) |
| <input type="checkbox"/> Cancer | <input type="checkbox"/> Smoking/tobacco use |
| <input type="checkbox"/> Child abuse/neglect | <input type="checkbox"/> STDs/infections |
| <input type="checkbox"/> Dental problems | <input type="checkbox"/> Teen pregnancy |

7. What do you think are the 5 most risky behaviors in your community?

- | | |
|--|--|
| <input type="checkbox"/> No health insurance | <input type="checkbox"/> Unsecured firearms |
| <input type="checkbox"/> Alcohol misuse | <input type="checkbox"/> Hate crimes |
| <input type="checkbox"/> Substance abuse | <input type="checkbox"/> Domestic violence |
| <input type="checkbox"/> Being overweight | <input type="checkbox"/> Rape/sexual assault |
| <input type="checkbox"/> Distracted driving | <input type="checkbox"/> Homicide |
| <input type="checkbox"/> Dropping out of school | <input type="checkbox"/> Other |
| <input type="checkbox"/> Poor diet/eating habits | |
| <input type="checkbox"/> Bullying | |

8. Do you have trouble providing healthy meals to your family?

- ☐ Yes
- ☐ No

9. If yes, what makes it difficult for you to provide healthy meals for your family? (Please select all that apply):

- ☐ Don't qualify for assistance
- ☐ Healthy food is too expensive
- ☐ I don't know where to find healthy foods to prepare meals
- ☐ I don't know how to cook healthy meals
- ☐ Other (Please specify): _____



10. Do you find it difficult to be physically active?

- ☐ Yes
- ☐ No

11. If yes, what makes it difficult for you to be physically active daily? (Please select all that apply):

- ☐ I don't feel safe walking/running/biking in my neighborhood
- ☐ I work long hours
- ☐ I do not have access to childcare so that I can exercise
- ☐ Exercise is not a priority
- ☐ I do not know how to exercise properly
- ☐ I don't feel confident that I can exercise
- ☐ Other (Please specify): _____

Age (Please fill in the blank): _____

What is the highest degree or level of education you have completed? (Please select one option from the list below):

- ☐ Less than high school degree
- ☐ High school degree or equivalent
- ☐ Some College but no degree
- ☐ Associate degree
- ☐ Bachelor degree
- ☐ Graduate degree

Gender:

- ☐ Male
- ☐ Female
- ☐ Transgender
- ☐ Nonbinary
- ☐ Prefer not to answer

Household income (Please select one option from the list below):

Under \$15,000

- ☐ \$15,000 - \$29,999
- ☐ \$30,000 - \$49,999
- ☐ \$50,000 - \$74,999
- ☐ \$75,000 - \$99,999
- ☐ \$100,000 - \$150,000
- ☐ Over \$150,000



Employment Status:

☐ Employed

- ☐ Part Time
- ☐ Full Time

☐ Unemployed

☐ Retired

What language do you speak at home? (Please select all that apply):

☐ English

☐ Kinyarwanda

☐ Other

☐ Russian

☐ Khmer

☐ Chinese

☐ Karen

☐ German

☐ Kayah

☐ Italian

☐ Korean

What is your Race?

What is your ethnicity?

☐ White/Caucasian

☐ Hispanic or Latino

☐ Black or African American

☐ Not Hispanic or Latino

☐ American Indian or Alaska Native



What county do you live in?

☐ Allen

☐ Monroe

☐ Barren

☐ Simpson

☐ Butler

☐ Warren

☐ Edmonson

☐ Hart

☐ Logan