

Ascension Saint Thomas Three Rivers Hospital

**2022 Community Health Needs Assessment
Humphreys County, Tennessee**



Ascension



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Ascension Saint Thomas Three Rivers Hospital

2022 Community Health Needs Assessment

Ascension Saint Thomas Three Rivers Hospital

The goal of this report is to offer a meaningful understanding of the most significant health needs across Humphreys County, as well as to inform planning efforts to address those needs. Special attention has been given to the needs of individuals and communities who are more vulnerable, unmet health needs or gaps in services, and input gathered from the community. Findings from this report can be used to identify, develop, and focus hospital, health system, and community initiatives and programming to better serve the health and wellness needs of the community.

Hospital Legal Name: Humphreys County Community Health Services Inc. dba Ascension Saint Thomas Three Rivers Hospital

Hospital Address: 451 TN-13, Waverly, Tennessee 37185

Hospital Website:

[https://healthcare.ascension.org/locations/tennessee/tnnas/Waverly-ascension-saint-thomas-Three Rivers](https://healthcare.ascension.org/locations/tennessee/tnnas/Waverly-ascension-saint-thomas-Three-Rivers)

Hospital Phone: 931-296-4203

Hospital EIN: 26-1861676

The 2022 Community Health Needs Assessment report was approved by the Ascension Saint Thomas Regional Hospitals Board of Directors on September 20, 2022 (Ascension Saint Thomas Stones River tax year 2022) and the Ascension Saint Thomas Board of Directors on October 14, 2022 (Ascension Saint Thomas Stones River tax year 2022), and applies to the following three-year cycle: 7/1/2022 to 6/30/2024. This report, as well as the previous report, can be found at our public website.

We value the community's voice and welcome feedback on this report. Please visit our public website (<https://healthcare.ascension.org/chna>) to submit your comments.

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Acknowledgements / Executive Statement

The 2022 Community Health Needs Assessment (CHNA) represents a true collaborative effort in order to gain a meaningful understanding of the most pressing health needs across Humphreys County. Ascension Saint Thomas Three Rivers Hospital is exceedingly thankful to the many community organizations and individuals who shared their views, knowledge, expertise, and skills with us. A complete description of community partner contributions is included in this report. We look forward to our continued collaborative work to make this a better, healthier place for all people.

We would also like to thank you for reading this report, and your interest and commitment to improving the health of Humphreys County.



Executive Summary

2022 Community Health Needs Assessment

Ascension Saint Thomas Three Rivers Hospital

The goal of the 2022 Community Health Needs Assessment (CHNA) report is to offer a meaningful understanding of the most significant health needs across Humphreys County. Findings from this report can be used to identify, develop, and focus hospital, health system, and community initiatives and programming to better serve the health and wellness needs of the community.

Purpose of the CHNA

As part of the Patient Protection and Affordable Care Act of 2010, all not-for-profit hospitals are required to conduct a community health needs assessment (CHNA) and adopt an implementation strategy every three years. The purpose of the CHNA is to understand the health needs and priorities of those who live and/or work in the communities served by the hospital, with the goal of addressing those needs through the development of an implementation strategy plan. As a Catholic health ministry, Ascension Saint Thomas Three Rivers Hospital is dedicated to spiritually centered, holistic care that sustains and improves the health of not only individuals, but the communities it serves. With special attention to those who are poor and vulnerable, we are advocates for a compassionate and just society through our actions and words. Ascension Saint Thomas Three Rivers Hospital is dedicated to serving patients with compassionate care and medical excellence, making a difference in every life we touch.

Collaborations

The 2022 Community Health Needs Assessment (CHNA) represents a true collaborative effort in order to gain a meaningful understanding of the most pressing health needs across Humphreys County. Ascension Saint Thomas Three Rivers Hospital is exceedingly thankful to the many community organizations and individuals who shared their views, knowledge, expertise, and skills with us - especially the Tennessee Department of Health and the Humphreys County Health Department. Stratasan, a healthcare strategic planning organization, was an important contracted partner who helped Ascension Saint Thomas Three Rivers Hospital and community representatives review existing data and provided important data analysis. A complete description of community partner contributions is included in the full CHNA report. We look forward to our continued collaborative work to make this a better, healthier place for all people.



Community Served

Although Ascension Saint Thomas Three Rivers Hospital serves Humphreys County and surrounding areas, Ascension Saint Thomas Three Rivers Hospital has defined its community served as Humphreys County for the 2022 CHNA. Humphreys County was selected as Ascension Saint Thomas Three Rivers Hospital's community served because it is our primary service area as well as our partners'. Additionally, community health data is readily available at the county level.

Data Analysis Methodology

The 2022 CHNA was conducted from June to August 2022, and utilized a derivation of the Mobilizing for Action through Planning and Partnership (MAPP) process, which incorporated data from both primary and secondary sources. Primary data sources included information provided by groups/individuals, e.g., community residents, health care consumers, health care professionals, community stakeholders, and multi-sector representatives. Special attention was given to the needs of individuals and communities who are more vulnerable, and to unmet health needs or gaps in services.

- Seven community stakeholders were interviewed individually for their insights on community health issues.
- Eight community stakeholders participated in a listening session for their insights on community health issues and priorities.
- Secondary data was compiled and reviewed to understand the health status of the community. Measures reviewed included chronic disease, social and economic factors, and healthcare access and utilization trends in the community and were gathered from reputable and reliable sources.

Community Needs

Ascension Saint Thomas Three Rivers Hospital analyzed secondary data of over 95 indicators and gathered community input through individual community interviews, and focus group/listening sessions, to identify the needs in Humphreys County. In collaboration with community partners, Ascension Saint Thomas Three Rivers Hospital used a phased prioritization approach to determine the most crucial needs for community stakeholders to address.



Humphreys County Significant Community Health Issues



2020 CHNA

- Substance use disorders
- Healthy eating/active living
- Access to care
- Chronic diseases

Secondary Data

- Adult smoking
- Adult obesity
- Preventable hospital stays
- Primary care physicians
- High school completion
- Some college
- Injury deaths
- Lower median HH income, Higher ALICE households

Interviews and Focus Group

- Mental health
- Substance use
- Chronic diseases
- Poverty
- Access to care – primary care, specialists, dentists
- Obesity adults & children – healthy eating/active living

The most significant health needs identified throughout all methodologies were:

- Mental health – depression, suicide
- Substance misuse – includes alcohol and tobacco
- Poverty/Low-income housing
- Access to affordable healthcare and insurance

Next Steps

The next steps will be to work with Ascension Saint Thomas Three Rivers Hospital leaders and community partners to finalize which community health needs Ascension Tennessee and Ascension Saint Thomas Three Rivers Hospital will prioritize. Later in 2022, an Implementation Plan (I.S.) with detailed strategies will be developed and brought before the Board for approval.



About Ascension

As one of the leading non-profit and Catholic health systems in the United States, Ascension is committed to delivering compassionate, personalized care to all, with special attention to persons living in poverty and those most vulnerable.

Ascension

Ascension is a faith-based healthcare organization dedicated to transformation through innovation across the continuum of care. The national health system operates 2,600 sites of care – including 145 hospitals and more than 40 senior living facilities – in 19 states and the District of Columbia, while providing a variety of services including clinical and network services, venture capital investing, investment management, biomedical engineering, facilities management, risk management, and contracting through Ascension's own group purchasing organization.

Ascension's Mission provides a strong framework and guidance for the work done to meet the needs of the communities across the U.S. It is foundational to transform healthcare and express priorities when providing care and services, particularly to those most in need.

Mission: Rooted in the loving ministry of Jesus as healer, we commit ourselves to serving all persons with special attention to those who are poor and vulnerable. Our Catholic health ministry is dedicated to spiritually-centered, holistic care which sustains and improves the health of individuals and communities. We are advocates for a compassionate and just society through our actions and our words.

For more information about Ascension, visit <https://www.ascension.org/>.

Ascension Saint Thomas Three Rivers Hospital

At Ascension Saint Thomas Three Rivers Hospital, we strive to make a difference in the lives of our community by providing quality, compassionate care.

Ascension Saint Thomas Three Rivers in Waverly, Tennessee, delivers 24/7 emergency, inpatient, outpatient and specialty care.

Doctors and care teams at Ascension Saint Thomas Three Rivers deliver 24/7 emergency care and a range of inpatient and outpatient specialty care. Located in Waverly, Tennessee, we bring advanced, specialized care to the residents of Humphreys County and the surrounding area. Your care team starts by listening to better understand you and your health needs. Then, we deliver care that's right for you.

Ascension Saint Thomas Three Rivers Hospital is a member of Ascension, the nation's largest Catholic and non-profit health system. We are committed to serving the greater Waverly area and surrounding communities by providing the highest quality healthcare.



Ascension

Ascension Saint Thomas Three Rivers Hospital

For more information about Ascension Saint Thomas Three Rivers Hospital, visit

<https://healthcare.ascension.org/locations/tennessee/tnnas/Waverly-ascension-saint-thomas-Three-Rivers>



About the Community Health Needs Assessment

A community health needs assessment, or CHNA, is essential for community building and health improvement efforts, and directing resources where they are most needed. CHNAs can be powerful tools that have the potential to be catalysts for immense community change.

Purpose of the CHNA

A CHNA is “a systematic process involving the community to identify and analyze community health needs and assets in order to prioritize, plan, and act upon unmet community health needs.”¹ The process serves as a foundation for promoting the health and well-being of the community by identifying the most pressing needs, leveraging existing assets and resources, developing strategic plans, and mobilizing hospital programs and community partners to work together. This community-driven approach aligns with Ascension Saint Thomas Three Rivers Hospital’s commitment to offer programs designed to address the health needs of a community, with special attention to persons who are underserved and vulnerable. Additionally, if there are any terms or definitions that you would like to read more about, please see Appendix A (page 41).

IRS 501(r)(3) and Form 990, Schedule H Compliance

The CHNA also serves to satisfy certain requirements of tax reporting, pursuant to provisions of the Patient Protection and Affordable Care Act of 2010, more commonly known as the Affordable Care Act (ACA). As part of the ACA, all not-for-profit hospitals are required to conduct a CHNA and adopt an implementation strategy every three years. Requirements for 501(c)(3) Hospitals Under the Affordable Care Act are described in Code Section 501(r)(3), and include making the CHNA report (current and previous) widely available to the public. In accordance with this requirement, electronic reports of both the CHNA and the implementation strategy can be found at <https://healthcare.ascension.org/CHNA> and paper versions can be requested at Ascension Saint Thomas Three Rivers Hospital .

Timeline

In June, 2022, Ascension Saint Thomas Three Rivers Hospital began a Community Health Needs Assessment for Humphreys County and sought input from persons who represent the broad interests of the community using several methods:

- Information gathering, using secondary public health sources, occurred in June and July, 2022.
- Community members participated in seven individual interviews for their perspectives on community health needs and issues on August 5, 2022.
- A listening session with eight community members was held on August 5, 2022.

¹ Catholic Health Association of the United States (<https://www.chausa.org>)



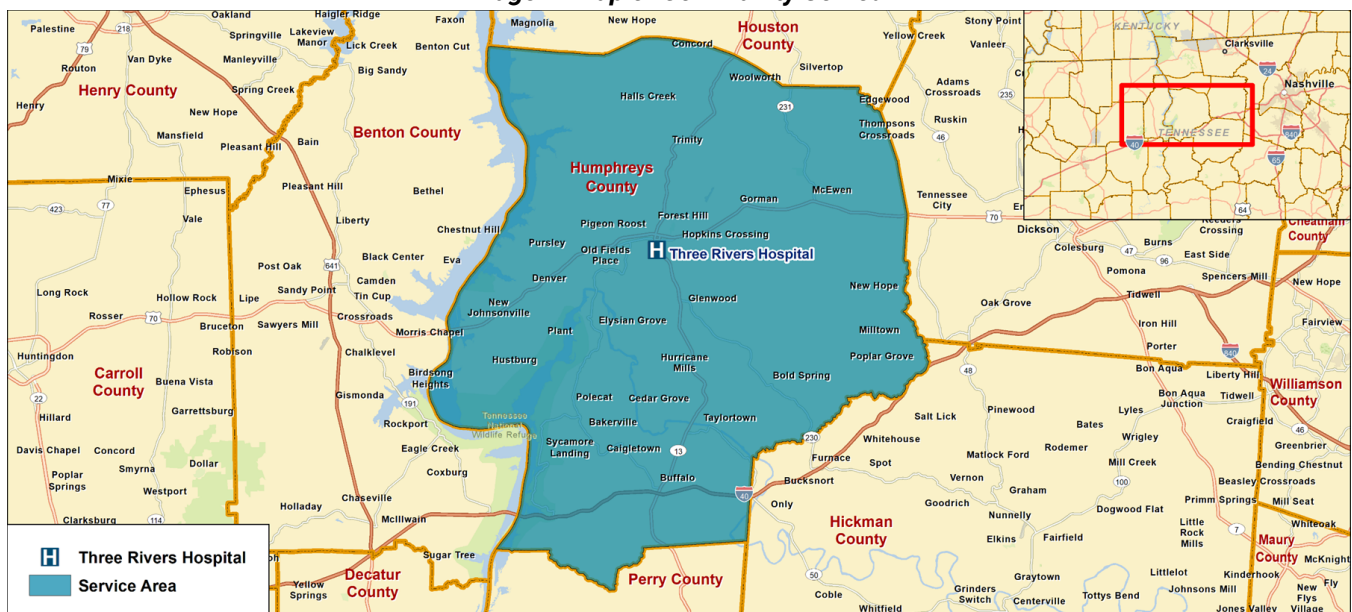
Community Served and Demographics

A first step in the assessment process is clarifying the geography within which the assessment occurs and understanding the community demographics.

Community Served

For the purpose of the 2022 CHNA, Ascension Saint Thomas Three Rivers Hospital has defined its community served as Humphreys County. Although Ascension Saint Thomas Three Rivers Hospital serves Humphreys County and surrounding areas, the “community served” was defined as such because most of our service area is contained in Humphreys County. From July 1, 2021 through June 30, 2022, 78% of Ascension Saint Thomas Three Rivers Hospital’s inpatients came from Humphreys County.

Image 1: Map of Community Served



Sixty-four percent of employees are employed in the top five businesses:

- Manufacturing - 28.9%
- Health Care & Social Assistance - 12.6%
- Retail Trade - 10.5%
- Education Services - 8.0%
- Accommodation & Food Services - 6.9%

2,372 people commute into the county each day while 1,854 out-migrate from the county resulting in a net in-migration of 518 per day.



Demographic Data

Located in western middle Tennessee, Humphreys County has a population of 18,703 and is 83% rural with 557 square miles. Below are demographic data highlights for Humphreys County:

- The 2021 population of Humphreys County is estimated to be 18,703 projected to grow .14% per year by 2026
- 22.3% of the residents of Humphreys County are 65 or older, compared to 18% in Tennessee
- 97% of residents are non-Hispanic; 3 percent are Hispanic or Latino (any race)
- 94% of residents are White; 0 percent are Asian; 3 percent are Black or African American
- The total population increase from 2010 to 2021 was 0.9%
- The median household income is below the state median income (\$41,510 for Humphreys County; \$55,276 for Tennessee)
- The percent of all ages of people in poverty was higher than the state (13.9% for Humphreys County; 13.6% for Tennessee)
- The uninsured rate for Humphreys County was the same as the state (12% for Humphreys County; 12% for Tennessee)

**Table 1: Description of the Community**

Demographic Highlights		
Indicator	Humphreys County	Description
Population		
% Living in rural communities	83%	
% below 18 years of age	17.1%	
% 65 and older	22.3%	
% Hispanic	3%	
% Asian	0%	
% Black	3%	
% White	94%	
Social and Community Context		
English Proficiency	2.2%	Proportion of community members that speak English "less than well"
Median Household Income	\$41,510	Income where half of households in a county earn more and half of households earn less
Percent of Children in Poverty	22%	Percentage of people under age 18 in poverty
Percent of Uninsured	12%	Percentage of population under age 65 without health insurance
Percent of Educational Attainment	84%	Percentage of adults ages 25 and over with a high school diploma or equivalent
Percent of Unemployment	3.4%	Percentage of population ages 16 and older unemployed but seeking work

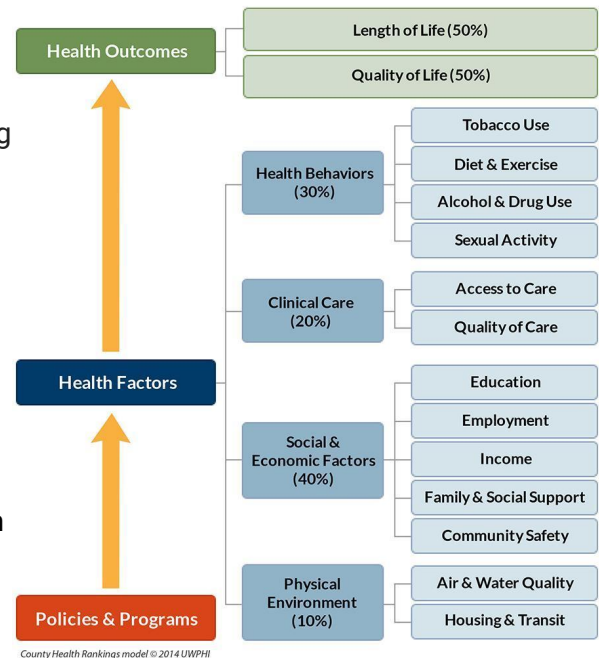
To view Community Demographic Data in its entirety, see Appendix B (page 43).



Process and Methods Used

Ascension Saint Thomas Three Rivers Hospital is committed to using national best practices in conducting the CHNA. Health needs and assets for Humphreys County were determined using a combination of data collection and analysis for both secondary and primary data, as well as community input on the identified and significant needs.

Ascension Saint Thomas Three Rivers Hospital's approach includes the model developed by the County Health Rankings and Roadmaps and the Robert Wood Johnson Foundation, utilizing the determinants of health model as the model for community health improvement supplemented with additional data.



Collaborators and/or Consultants

With the contracted assistance of Stratasan, Ascension Saint Thomas Three Rivers Hospital completed its 2022 CHNA in collaboration with the following organizations and individuals.

- Humphreys County Department of Health
- Tennessee Department of Health

Ascension Saint Thomas as the sponsors of the assessment, engaged national leaders in community health needs assessments to assist in the project. Stratasan, a healthcare analytics and services company based out of Nashville, Tennessee, provided the analysis of secondary community health data, and conducted and analyzed the interviews and focus group.

The Tennessee Department of Health provided support to both the Humphreys County Health Department as well as Ascension Saint Thomas during the CHNA process.

Data Collection Methodology

In collaboration with various community partners, Ascension Saint Thomas Three Rivers Hospital collected and analyzed primary and secondary data for Humphreys County. The methodology used is a modified Mobilizing for Action through Planning and Partnerships (MAPP).



Summary of Community Input

Recognizing its vital importance in understanding the health needs and assets of the community, Stratasan consulted with a range of public health and social service providers that represent the broad interests of Humphreys County. A concerted effort was made to ensure that the individuals and organizations represented the needs and perspectives of: 1) public health practice and research; 2) individuals who are medically underserved, are low-income, or considered among the minority populations served by the hospital; and 3) the broader community at large and those who represent the broad interests and needs of the community served.

Multiple methods were used to gather community input, including key stakeholder interviews, a focus group and collaboration with the Tennessee Department of Health. These methods provided additional perspectives on how to select and address top health issues facing Humphreys County. A summary of the process and results is outlined below.





Key stakeholder interviews and listening sessions

Key stakeholder interviews and a listening session were conducted by Stratasan in collaboration with Ascension Saint Thomas staff to gather feedback from key stakeholders on the health needs and assets of Humphreys County. Ten representatives from six different organizations and agencies participated in the focus groups, held on August 5, 2022. Organizations represented by participants included:

- Tennessee Department of Health
- Ascension Saint Thomas Three Rivers Hospital
- Anti-Drug Alliance
- Emergency Management Agency
- UT Extension
- Johnsonville State Park

Key Stakeholder Interviews	
Key Summary Points	
<ul style="list-style-type: none"> • The community was most concerned with mental health in the community as a result of COVID and the flood in August of 2021. They also mentioned substance use, chronic conditions, housing and transportation as issues affecting the community. Below are the populations represented and the common themes of each question asked. 	
Populations/Sectors Represented	Common Themes
<ul style="list-style-type: none"> • Tennessee Department of Health • Emergency Management • State Park <p>Interviewees represented youth, children, the underserved, and the general population.</p>	<p><u>Strongest Assets</u></p> <ul style="list-style-type: none"> • Tight knit community, neighbors helping neighbors • Nonprofit agencies helping in the community • Lots of outdoor activities, parks, waterways • Providers and healthcare facilities <p><u>Communities Left Out</u></p> <ul style="list-style-type: none"> • Those in poverty • Elderly – no longer drive, no transportation • African American community • Kids needing childcare <p><u>Top three issues most concerned about in Humphreys County</u></p> <ul style="list-style-type: none"> • Restoration of life of the citizens after the flood - housing • Transportation • Foster care/parenting • Substance use - meth, vaping • Poor, helpless people • Recycling plastics - microplastics in bodies <p><u>Top three health issues most concerned about in Humphreys County</u></p> <ul style="list-style-type: none"> • Mental health resources • Chronic diseases - heart disease, hypertension, diabetes, high cholesterol



	<ul style="list-style-type: none">• Noncompliance with healthy practices• Obesity - healthy eating/active living• Lack of specialty providers and dentists <p><u>Top Initiatives to Implement</u></p> <ul style="list-style-type: none">• Counseling in all schools; mental health center• Build affordable housing• Mentoring programs for kids• More providers - pediatricians, specialists, dentists• Licensed, quality, affordable day care <p><u>Needs emerged given COVID-19 pandemic and the August 2021 flood</u></p> <ul style="list-style-type: none">• Kids home from school and losing learning, behavioral issues after isolation for 2 years• Misinformation, trusted sources of information• PTSD when it rains• Housing• Getting kids back to their schools
Meaningful Quotes	
<ul style="list-style-type: none">• “There are people in the community who can’t do for themselves and don’t have access to resources.”• “Microplastics are now what lead was 30 years ago. How much plastic can a body ingest before problems develop?”• “Kids have really suffered in the past couple of years and need lots of help and support.”	

To view community input data in its entirety, see Appendix C (page 46).



Summary of Secondary Data

Secondary data is data that has already been collected and published by another party. Both governmental and non-governmental agencies routinely collect secondary data reflective of the health status of the population at the state and county level through surveys and surveillance systems. Secondary data was compiled from various sources that are reputable and reliable.

Health indicators in the following categories were reviewed:

- Health Outcomes
- Social and Economic Factors that impact health
- Health Behaviors
- Access to Healthcare
- Disparities

A summary of the secondary data collected and analyzed through this assessment is outlined below.

Secondary data gathered includes:

- Public health data - causes of death, disease incidence, county health rankings indicators
- Demographics and socioeconomics - population, poverty, uninsured, unemployment
- Psychographics - behavior measured by spending and preferences using a nationwide survey

County Health Rankings indicates the following as areas to explore in Humphreys County:

- Higher adult smoking at 25%
- Higher adult obesity at 36%
- Higher population to primary care physician 4,650:1
- Higher preventable hospital stays 5,211
- Lower percentage of high school completion at 84%
- Lower percentage of adults with some college at 39%
- Higher injury deaths at 135 per 100,000 population



The tables below are based on data vetted, compiled and made available on the County Health Rankings and Roadmaps (CHRR) website (<https://www.countyhealthrankings.org/>). The site is maintained by the University of Wisconsin Population Health Institute, School of Medicine and Public Health, with funding from the Robert Wood Johnson Foundation. CHRR obtains and cites data from other public sources that are reliable. CHRR also shares trending data on some indicators.

CHRR compiles new data every year and shares it with the public in March. The data below is from the 2022 publication. It is important to understand that reliable data is generally two to three years behind due to the importance of careful analysis. NOTE: Data in the charts does not reflect the effects that the COVID-19 pandemic has had on communities.

How To Read These Charts

Why they are important: Explains why we monitor and track these measures in a community and how it relates to health. The descriptions of 'why they are important' are largely drawn from the CHRR website as well.

County vs. State: Describes how the county's most recent data for the health issue compares to the state.

Trending: CHRR provides a calculation for some measures to explain if a measure is worsening or improving.

- Red: The measure is worsening in this county.
- Green: The measure is improving in this county.
- Empty: There is no data trend to share or the measure has remained the same.

Top US Counties: The best 10 percent of counties in the country. It is important to compare not just with Tennessee but important to know how the best counties are doing and how our county compares.

Description: Explains what the indicator measures, how it is measured, and who is included in the measure.

n/a: Not available or not applicable. There might not be available data for the community on every measure. Some measures will not be comparable.



Health Outcomes

Why they are important: Health outcomes reflect how healthy a county is right now. They reflect the physical and mental well-being of residents within a community.

Indicators	Trend	Humphreys County	Tennessee	Top US Counties	Description
Length of Life					
Premature Death		10,600	9,900	5,600	Years of potential life lost before age 75 per 100,000 population (age-adjusted).
Life Expectancy		74.0	75.3	80.6	How long the average person should live.
Infant Mortality		NA	7.1	4.0	Number of all infant deaths (within 1 year) per 1,000 live births.
Physical Health					
Poor or Fair Health		23%	20%	15%	Percent of adults reporting fair or poor health.
Poor Physical Health Days		5.0	4.5	3.4	Average number of physically unhealthy days reported in past 30 days (age-adjusted).
Frequent Physical Distress		16%	14%	10%	Percent of adults 14 or more days of poor physical health per month.
Low Birth Weight		9%	9%	6%	Percent of babies born too small (less than 2,500 grams).
Fall Fatalities 65+		9.4	10.7	n/a	Number of injury deaths due to falls among those 65 years of age and over per 100,000 population.
Mental Health					
Poor Mental Health Days		5.8	5.1	4.0	Average number of mentally unhealthy days reported in the past 30 days.
Frequent Mental Distress		19%	16%	13%	Percent of adults reporting 14 or more days of poor mental health per month.
Suicide		20	17	11	Number of deaths due to suicide per 100,000.
Morbidity					
Diabetes prevalence		11%	12%	8%	Percent of adults aged 20 and above with diagnosed diabetes.
Cancer Incidence		498.6	466.0	n/a	Number of new cancer diagnoses per 100,000.
Communicable Disease					



HIV Prevalence		108	307	38	Number of people aged 13 years and over with a diagnosis of HIV per 100,000.
Sexually Transmitted Infections		333.7	601.7	161.8	Number of newly diagnosed chlamydia cases per 100,000.
Source: https://www.countyhealthrankings.org/explore-health-rankings <Place URL of snapshot page here>					



Social and Economic Factors

Why they are important: These factors have a significant effect on our health. They affect our ability to make healthy decisions, afford medical care, afford housing and food, manage stress and more.

Indicators	Trend	Humphreys County	Tennessee	Top US Counties	Description
Economic Stability					
Median Household Income		\$57,800	\$57,000	\$75,100	Income where half of households in a county earn more and half of households earn less.
Unemployment		6.4%	4.7%	3.7%	Percentage of population ages 16 and older unemployed but seeking work.
Poverty		13.9%	13.6%	n/a	Percentage of the population living below the Federal Poverty Line.
Childhood Poverty		22%	18%	9%	Percentage of people under age 18 in poverty.
Educational Attainment					
High School Completion		84%	88%	94%	Percentage of adults ages 25 and over with a high school diploma or equivalent.
Some College		39%	62%	74%	Percentage of adults ages 25-44 with some post-secondary education.
Social/Community					
Children in single-parent homes		13%	28%	14%	Percentage of children that live in a household headed by a single parent.
Social Associations		12.9	11.1	18.1	Number of membership associations per 10,000 population.
Disconnected Youth		NA	7%	4%	Percentage of teens and young adults ages 16-19 who are neither working nor in school.
Juvenile Arrests		NA	30	NA	Rate of delinquency cases per 1,000 juveniles.
Violent Crime		259	621	63	Number of reported violent crime offenses per 100,000 population.
Access to Healthy Foods					
Food Environment Index		7.1	6.2	8.8	Index of factors that contribute to a healthy food environment, 0-worst 10-best.



Food Insecurity		15%	13%	9%	Percent of the population who lack adequate access to food.
Limited Access to Healthy Foods		9%	9%	2%	Percent of the population who are low-income and do not live close to a grocery store.
Source: https://www.countyhealthrankings.org/explore-health-rankings					

Physical Environment

Why it is important: The physical environment is where people live, learn, work, and play. The physical environment impacts our air, water, housing and transportation to work or school . Poor physical environment can affect our ability and that of our families and neighbors to live long and healthy lives.

Indicators	Trend	Humphreys County	Tennessee	Top US Counties	Description
Physical Environment					
Severe housing cost burden		9%	12%	7%	Percentage of households that spend 50% or more of their household income on housing.
Severe Housing Problems		11%	14%	9%	Percentage of households with at least 1 of 4 housing problems: overcrowding, high housing costs, lack of kitchen facilities, or lack of plumbing facilities.
Air Pollution - Particulate Matter		8.0	8.0	5.9	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5).
Homeownership		78%	81%	67%	Percentage of occupied housing units that are owned.
Year Structure Built		35.1%	29.0%	27.5%	Percentage of housing units built prior to 1960.
Source: https://www.countyhealthrankings.org/explore-health-rankings					



Clinical Care

Why it is important: Access to affordable, quality care can help detect issues sooner and prevent disease. This can help individuals live longer and have healthier lives.

Indicators	Trend	Humphreys County	Tennessee	Top US Counties	Description
Healthcare Access					
Uninsured		12%	12%	6%	Percentage of population under age 65 without health insurance.
Uninsured Adults		14%	15%	7%	Percentage of adults under age 65 without health insurance.
Uninsured children		5%	5%	3%	Percentage of children under age 19 without health insurance.
Primary Care Physicians		4,650:1	1,400:1	1,010:1	Ratio of population to primary care physicians.
Other Primary Care Providers		850:1	640:1	580:1	Ratio of the population to primary care providers other than physicians.
Mental Health Providers		2,070:1	590:1	250:1	Ratio of the population to mental health providers.
Hospital Utilization					
Preventable Hospital Stays		5.211	4,331	2,233	Rate of hospital stays for ambulatory-care sensitive conditions per 100,000 Medicare enrollees.
Preventative Healthcare					
Flu Vaccinations		46%	50%	55%	Percentage of fee-for-service (FFS) Medicare enrollees that had an annual flu vaccination.
Mammography Screenings		40%	43%	52%	Percentage of female Medicare enrollees ages 65-74 that received an annual mammography screening.
Source: https://www.countyhealthrankings.org/explore-health-rankings					



Health Behaviors

Why they are important: Health behaviors are actions individuals take that can affect their health. These actions can lead to positive health outcomes or they can increase someone's risk of disease and premature death. It is important to understand that not all people have the same opportunities to engage in healthier behaviors.

Indicators	Trend	Humphreys County	Tennessee	Top US Counties	Description
Healthy Life					
Adult Obesity		36%	37%	30%	Percentage of the adult population (age 20 and older) that reports a body mass index (BMI) greater than or equal to 30 kg/m ² .
Physical Inactivity		33%	29%	23%	Percentage of adults age 20 and over reporting no leisure-time physical activity.
Access to Exercise Opportunities		36%	62%	86%	Percentage of population with adequate access to locations for physical activity.
Insufficient Sleep		42%	41%	32%	Percentage of adults who report fewer than 7 hours of sleep on average.
Motor Vehicle Crash Deaths		30	16	9	Number of motor vehicle crash deaths per 100,000 population.
Substance Use and Misuse					
Adult Smoking		25%	21%	15%	Percentage of adults who are current smokers.
Excessive Drinking		17%	17%	15%	Percentage of adults reporting binge or heavy drinking.
Alcohol-Impaired Driving Deaths		26%	23%	10%	Percent of Alcohol-impaired driving deaths.
Opioid Hospital Visits		NA	85	n/a	Rate of opioid-related hospital visits per 100,000 population.
Sexual Health					
Teen Births		33	27	11	Number of births per 1,000 female population ages 15-19.
Sexually Transmitted Infections		333.7	601.7	161.8	Number of newly diagnosed chlamydia cases per 100,000 population.
Source: https://www.countyhealthrankings.org/explore-health-rankings					

To view additional secondary data, see Appendix D (page 47).



Summary of COVID-19 Impact on Humphreys County

The COVID-19 pandemic has had an impact on communities world-wide. In the United States, urban communities took the hardest hit for both COVID cases and death. Profound disparities emerged as the pandemic grew. Older Americans have the highest risk of death from COVID than any other age group with 81% of deaths from COVID to people over 65 years of age. There are significant disparities by race and ethnicity as well. Americans of color have higher risk of exposure, infection and death compared to non-Hispanic White Americans.²

Significant COVID-19 disparities include:

- Hispanic Persons at 2.3 times the risk of death
- Non-Hispanic Black persons at 1.9 times the risk of death
- American Indian or Alaska Native at 2.4 times the risk of death

Some reasons for these differences include:

- Multigenerational families
- Living in crowded housing with close physical contact
- Working in environments in which social distancing is not possible
- Inadequate access to health care

COVID-19 Impact on Humphreys County (as of July 28, 2022)			
Indicator	Humphreys County	Tennessee	Description
Total Cases	5,184	2,198,946	
Confirmed Cases per 100,000	10,785	32,199	
Total Deaths	77	27,006	
Deaths per 100,000	395	160	
Case Fatality Percentage	1.5%	1.2%	Percent of total confirmed cases of individuals who died of COVID-19.

Source: CDC COVID Data Tracker and Tennessee Dept of Health
https://covid.cdc.gov/covid-data-tracker/#trends_totalandratedeathstotalrate

²Centers for Disease Control and Prevention (<https://www.cdc.gov/coronavirus/2019-ncov/community/health-equity/racial-ethnic-disparities>)



Ascension

Ascension Saint Thomas Three Rivers Hospital

Community Input on Previous CHNA and Implementation Strategy

Ascension Saint Thomas Three Rivers Hospital's previous CHNA and implementation strategy were made available to the public and open for public comment via the website:

<https://healthcare.ascension.org/chna>.

No comments were received regarding the previous CHNA and implementation plan.



Data Limitations and Information Gaps

Although it is quite comprehensive, this assessment cannot measure all possible aspects of health and cannot represent every possible population within Humphreys County. This constraint limits the ability to fully assess all the community's needs.

For this assessment, three types of limitations were identified:

- Some groups of individuals may not have been adequately represented through the community input process. Those groups, for example, may include individuals who are transient, who speak a language other than English, or who are members of the lesbian/gay/bisexual/transgender+ community.
- Secondary data is limited in a number of ways, including timeliness, reach and descriptive ability with groups as identified above.
- An acute community concern may significantly impact a Ministry's ability to conduct portions of the CHNA assessment. An acute community concern is defined by Ascension as an event or situation which may be severe and sudden in onset or newly affects a community. These events may impact the ability to collect community input, may not be captured in secondary data, and/or can present in the middle of the three-year CHNA cycle. While no acute community concerns were formally identified for Ascension Saint Thomas Three Rivers Hospital during the last CHNA cycle (officially acquired in April 2022), two major events have had an impact on this community:
 - COVID-19
 - A catastrophic flood ravaged the community on August 21, 2021. 20 people were killed, dozens of businesses were damaged, and almost all of the public housing available in Waverly at the time was destroyed. Renovation costs are estimated at more than \$11 million, and sales/property tax revenues are expected to continue to suffer due to the amount of displacement of community members.

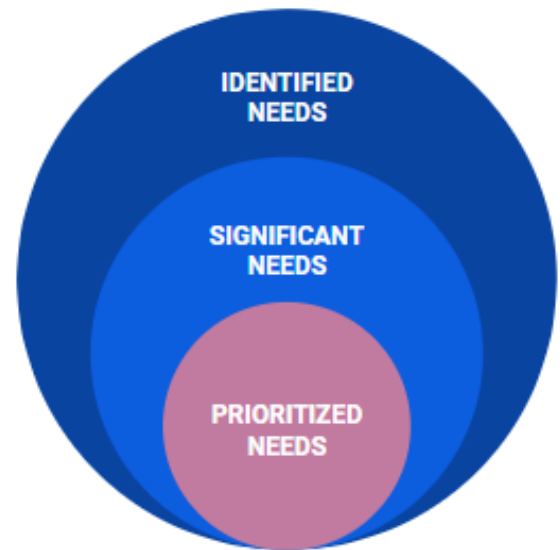
Despite the data limitations, Ascension Saint Thomas Three Rivers Hospital is confident of the overarching themes and health needs represented through the assessment data. This is based on the fact that the data collection included multiple methods, both qualitative and quantitative, and engaged the hospital as well as participants from the community.



Community Needs

Ascension Saint Thomas Three Rivers Hospital, with contracted assistance from Stratasan, analyzed secondary data of over 95 indicators and gathered community input through individual interviews and a focus group to identify the needs in Humphreys County. In collaboration with community partners, Ascension Saint Thomas Three Rivers Hospital used a phased prioritization approach to identify the needs. The first step was to determine the broader set of **identified needs**. Identified needs were then narrowed to a set of **significant needs** which were determined to be most crucial for community stakeholders to address.

Following the completion of the CHNA assessment, Ascension Saint Thomas Three Rivers Hospital will select all, or a subset, of the significant needs as the hospital's **prioritized needs** to develop a three-year implementation strategy. Although the hospital may address many needs, the prioritized needs will be at the center of a formal CHNA implementation strategy and corresponding tracking and reporting.



Identified Needs

Ascension has defined “identified needs” as the health outcomes or related conditions (e.g., social determinants of health) impacting the health status of Humphreys County. The identified needs were categorized into groups such as health behaviors, social determinants of health, length of life, quality of life, clinical care, and systemic issues in order to better develop measures and evidence-based interventions that respond to the determined condition.

Significant Needs

In collaboration with various community partners, Ascension Saint Thomas Three Rivers Hospital utilized the elements of the MAPP process to prioritize which of the identified needs were most significant. Ascension has defined “significant needs” as the identified needs which have been deemed most significant to address based on established criteria and/or prioritization methods.

Magnitude	How big is the problem? How many individuals does the problem affect, either actually or potentially? In terms of
-----------	---



	human impact, how does it compare to other health issues?
Seriousness of the Consequences	What degree of disability or premature death occurs because of this problem? What would happen if the issue were not made a priority? What is the level of burden on the community (economic, social or other)?
Feasibility	Is the problem preventable? How much change can be made? What is the community's capacity to address it? Are there available resources to address it sustainably? What's already being done, and it is working? What are the community's intrinsic barriers, and how big are they to overcome?

Through the prioritization process for the 2022 CHNA, the significant needs are as follows:

- Mental health – depression, suicide
- Substance misuse – includes alcohol and tobacco
- Poverty/Low-income housing
- Access to affordable healthcare and insurance

To view health care facilities and community resources available to address the significant needs, please see Appendix E (*page 59*).



Descriptions (including data highlights, community challenges & perceptions, and local assets & resources) of the significant needs are on the following pages.

Mental Health	
Why is it Important?	Data Highlights
The stakeholders believed that mental health and related issues affected substance abuse and the unhoused population and impacted many other areas of health, defined as overall wellbeing.	<ul style="list-style-type: none">• Higher number of poor mental health days in the last 30 days at 5.8• Higher percentage of adults reporting 14 or more days of poor mental health per month at 19%• Higher suicide rate at 21.3 than Tennessee and the U.S.
Local Assets & Resources	
<ul style="list-style-type: none">• Health Connect America• Insightful Pediatric and Family Therapy	
Community Challenges & Perceptions	Individuals Who Are More Vulnerable
<ul style="list-style-type: none">• Continued stigma of mental health• Lack of mental health resources and facilities• Many are going to jail or the hospital• The unhoused population are impacted by mental health issues	The stakeholders determined the unhoused population were very vulnerable to mental health issues such as schizophrenia and bipolar disorder. During COVID, isolation also increased depression.



Substance Misuse	
Why is it Important?	Data Highlights
Drug overdose deaths are a leading contributor to premature death and are largely preventable. Substance abuse impacts children and families in the community as well as the unhoused population.	<ul style="list-style-type: none">• Higher rate of drug overdose mortality at 38 per 100,000 population• Higher percentage of adult smoking at 28%• Higher rate of opioid prescriptions filled per 1,000 residents at 907• 21% of driving deaths had alcohol involvement
Local Assets & Resources	
<ul style="list-style-type: none">• Bluebird Recovery• The Identify Project	
Community Challenges & Perceptions	Individuals Who Are More Vulnerable
<ul style="list-style-type: none">• Substance abuse was in the top health issues in both the community focus group and interviews• Negative stigma of the addicted population• Lack of treatment facilities	The stakeholders discussed the negative impact of substance abuse on children and the unhoused population.



Poverty/low income housing	
Why is it Important?	Data Highlights
<p>Poverty and low-income status are associated with various adverse health outcomes, including shorter life expectancy, higher infant mortality rates, and higher death rates for the 14 leading causes of death. Healthy homes promote good physical and mental health. Good health depends on having homes that are safe and free from physical hazards. In contrast, poor quality and inadequate housing contributes to health problems such as chronic diseases and injuries, and can have harmful effects on childhood development.</p>	<ul style="list-style-type: none">• 16% of the population earned below the poverty rate, higher than Tennessee and the U.S.• 22% under the age of 18 were in poverty, higher than Tennessee and the U.S.• 48% of adults 35-44 had some college, lower than Tennessee and the U.S.
Local Assets & Resources	
<ul style="list-style-type: none">• Stone Ridge Estates Affordable Housing• Knollcrest Manor Low Income Housing• Cookeville Rescue Mission	
Community Challenges & Perceptions	Individuals Who Are More Vulnerable
<ul style="list-style-type: none">• The interviews and focus group identified poverty and socioeconomic conditions as the top health issues.	<p>Those with income below the poverty level as well as lower income populations are more vulnerable to health issues and more likely to need low income housing.</p>



Access to healthcare and insurance	
Why is it Important?	Data Highlights
Access to health services is an important step toward reducing health disparities. Health insurance coverage is an important determinant of access to health care.	<ul style="list-style-type: none">• Higher percentage of uninsured at 16%, and 8% of children were uninsured• Higher population per primary care physician, dentists, mental health providers, and other primary care providers• Lower mammography screening at 38%• Higher percentage of adults reporting fair or poor health at 27%
Local Assets & Resources	
<ul style="list-style-type: none">• Ascension Saint Thomas Three Rivers Hospital• Humphreys County Health Department• Cumberland Family Care• Fast Pace Health	
Community Challenges & Perceptions	Individuals Who Are More Vulnerable
<ul style="list-style-type: none">• The community survey and interviews mentioned access to affordable healthcare and insurance in the top health issues• There is a lack of adequate primary care providers• There is a lack of services for people without insurance• The high percentage of uninsured population leads to lack of healthcare access	The stakeholders determined the uninsured population was vulnerable due to lack of access to healthcare.



Prioritized Needs

Following the completion of the CHNA, Ascension Saint Thomas Three Rivers Hospital will select all, or a subset, of the needs below as the hospital's prioritized needs for its 2022 CHNA Implementation Strategy:

1. Mental health – depression, suicide
2. Substance misuse – includes alcohol and tobacco
3. Poverty/Low-income housing
4. Access to affordable healthcare and insurance

Ascension Saint Thomas Three Rivers Hospital understands the importance of all the health needs of the community and is committed to playing an active role in improving the health of the people in the communities it serves. The next steps will be to work with Ascension Saint Thomas Three Rivers Hospital leaders and community partners to finalize which community health needs Ascension Tennessee and Ascension Saint Thomas Three Rivers Hospital will prioritize. Later in 2022, an Implementation Plan (I.S.) with detailed strategies will be developed and brought before the Board for approval.



Summary of Impact from the Previous CHNA Implementation Strategy

An important piece of the three-year CHNA cycle is revisiting the progress made on priority needs set forth in the preceding CHNA. By reviewing the actions taken to address the significant needs and evaluating the impact those actions have made in the community, it is possible to better target resources and efforts during the next CHNA cycle.

Written input received from the community and a full evaluation of our efforts to address the significant health needs identified in the 2020 CHNA can be found in Appendix F (*page 61*).



Approval by Ascension Saint Thomas Hospitals Board of Directors

To ensure the Ascension Saint Thomas Three Rivers' efforts meet the needs of the community and have a lasting and meaningful impact, the 2022 CHNA was presented to the Ascension Saint Thomas Regional Board of Directors for approval and adoption on September 20, 2022 and to the Ascension Saint Thomas Board of Directors on October 14, 2022. This report applies to the following three-year cycle: 7/1/2022 to 6/30/2024. This report, as well as the previous report, can be found at our public website.

Although an authorized body of the hospital must adopt the CHNA and implementation strategy reports to be compliant with the provisions in the Affordable Care Act, adoption of the CHNA also demonstrates that the board is aware of the findings from the Community Health Needs Assessment.



Conclusion

The purpose of the CHNA process is to develop and document key information on the health and wellbeing of the communities Ascension Saint Thomas Three Rivers serves. This report will be used by internal stakeholders, non-profit organizations, government agencies, and other community partners of Ascension Saint Thomas Three Rivers Hospital to guide the implementation strategies and community health improvement efforts as required by the Affordable Care Act. The 2022 CHNA will also be made available to the broader community as a useful resource for further health improvement efforts.

Ascension Saint Thomas Three Rivers Hospital hopes this report offers a meaningful and comprehensive understanding of the most significant needs for residents of Humphreys County. As a Catholic health ministry, Ascension Saint Thomas Three Rivers Hospital is dedicated to spiritually centered, holistic care that sustains and improves the health of not only individuals, but the communities it serves. With special attention to those who are poor and vulnerable, we are advocates for a compassionate and just society through our actions and words. Ascension Saint Thomas Three Rivers Hospital is dedicated to serving patients with compassionate care and medical excellence, making a difference in every life we touch. The hospital values the community's voice and welcomes feedback on this report. Please visit this public website (<https://healthcare.ascension.org/chna>) to submit your comments.



Appendices

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Appendix A: Definitions and Terms

Acute Community Concern

An event or situation which may be severe and sudden in onset, or newly affects a community. This could describe anything from a health crisis (e.g., COVID-19, water poisoning) or environmental events (e.g. hurricane, flood) or other event that suddenly impacts a community. The framework is a defined set of procedures to provide guidance on the impact (current or potential) of an acute community concern. Source: Ascension Acute Community Concern Assessment Framework

Collaborators

Third-party, external community partners who are working with the hospital to complete the assessment. Collaborators might help shape the process, identify key informants, set the timeline, contribute funds, etc.

Community Focus Groups

Group discussions with selected individuals. A skilled moderator is needed to lead focus group discussions. Members of a focus group can include internal staff, volunteers and the staff of human service and other community organizations, users of health services and members of minority or disadvantaged populations. Source: CHA Assessing and Addressing Community Need, 2015 Edition II

Community Forums

Meetings that provide opportunities for community members to provide their thoughts on community problems and service needs. Community forums can be targeted towards priority populations. Community forums require a skilled facilitator.

Source: CHA Assessing and Addressing Community Need, 2015 Edition II

Community Served

A hospital facility may take into account all the relevant facts and circumstances in defining the community it serves. This includes: The geographic area served by the hospital facility; Target populations served, such as children, women, or the aged; and Principal functions, such as a focus on a particular specialty area or targeted disease.

Consultants

Third-party, external entities paid to complete specific deliverables on behalf of the hospital (or coalition/collaborators); alternatively referred to as vendors.

Demographics

Population characteristics of your community. Sources of information may include population size, age structure, racial and ethnic composition, population growth, and density.

Source: CHA Assessing and Addressing Community Need, 2015 Edition II

Identified Need

Health outcomes or related conditions (e.g., social determinants of health) impacting the health status of the community served

Key Stakeholder Interviews

A method of obtaining input from community leaders and public health experts one-on-one. Interviews can be conducted in person or over the telephone. In structured interviews, questions are prepared and standardized prior to the interview to ensure consistent information is solicited on specific topics. In less structured interviews, open-ended questions are asked to elicit a full range of responses. Key informants may include leaders of community organizations, service providers, and elected officials. Individuals with a special knowledge or expertise in public health may include representatives from your state or local health department, faculty from



schools of public health, and providers with a background in public health. See Section V for a list of potential interviewees. Could also be referred to as Stakeholder Interviews.

Source: CHA Assessing and Addressing Community Need, 2015 Edition II

Medically Underserved Populations

Medically Underserved Populations include populations experiencing health disparities or that are at risk of not receiving adequate medical care because of being uninsured or underinsured, or due to geographic, language, financial, or other barriers. Populations with language barriers include those with limited English proficiency. Medically underserved populations also include those living within a hospital facility's service area but not receiving adequate medical care from the facility because of cost, transportation difficulties, stigma, or other barriers.

Source:

<https://www.irs.gov/charities-non-profits/community-health-needs-assessment-for-charitable-hospitalorganizations-section-501r3>

Prioritized Need

Significant needs which have been selected by the hospital to address through the CHNA implementation strategy.

Significant Need

Identified needs which have been deemed most significant to address based on established criteria and/or prioritization methods.

Surveys

Used to collect information from community members, stakeholders, providers, and public health experts for the purpose of understanding community perception of needs. Surveys can be administered in person, over the telephone, or using a web-based program. Surveys can consist of both forced-choice and open-ended questions.

Source: CHA Assessing and Addressing Community Need, 2015 Edition II



Appendix B: Community Demographic Data and Sources

The tables below provide a description of the community's demographics. The description of the importance of the data is largely drawn from the County Health Rankings and Roadmaps website.

Population

Why it is important: The composition of a population, including related trends, is important for understanding the community context and informing community planning.

Population	Humphreys County	Tennessee	U.S.
Total	18,703	7,025,037	333,934,112
Male	49.6%	49.0%	49.3%
Female	50.4%	51.0%	50.7%
Data source: Esri, 2021			

Population by Race or Ethnicity

Why it is important: The race and ethnicity composition of a population is important in understanding the cultural context of a community. The information can also be used to better identify and understand health disparities.

Race or Ethnicity	Humphreys County	Tennessee	U.S.
Asian	0%	2%	6%
Black / African American	3%	17%	13%
Hispanic / Latino	3%	6%	19%
Native American	1%	0%	1%
White	94%	75%	69%
Data source: Esri, 2021			



Population by Age

Why it is important: The age structure of a population is important in planning for the future of a community, particularly for schools, community centers, healthcare and child care. A population with more youths will have greater education needs and child care needs, while an older population may have greater healthcare needs.

Age	Humphreys County	Tennessee	U.S.
Median Age	44.5	40.0	38.8
Age 0-17	17.1%	21.2%	21.8%
Age 18-64	60.6%	60.8%	61.0%
Age 65+	22.3%	18.0%	17.2%
Data source: Esri, 2021			

Income

Why it is important: Median household income and the percentage of children living in poverty, which can compromise physical and mental health, are well-recognized indicators. People with higher incomes tend to live longer than people with lower incomes. In addition to affecting access to health insurance, income affects access to healthy choices, safe housing, safe neighborhoods and quality schools. Chronic stress related to not having enough money can have an impact on mental and physical health. ALICE, an acronym for Asset Limited, Income Constrained, Employed, are households that earn more than the U.S. poverty level, but less than the basic cost of living for the county. Combined, the number of poverty and ALICE households equals the total population struggling to afford basic needs.

Income	Humphreys County	Tennessee	U.S.
Median Household Income	\$41,510	\$55,276	\$64,730
Per Capita Income	\$25,307	\$29,859	\$34,103
People with incomes below the federal poverty guideline	13.9%	13.6%	11.9%
ALICE Households	34%	32%	29%
Data source: Esri, 2021, Tennessee Dept of Health County Data Package (US Bureau of Economic Analysis 2019), US Census Bureau Small Area Income and Poverty Estimates Program, 2020, United for Alice, 2018			



Education

Why is it important: There is a strong relationship between health, lifespan and education. In general, as income increases, so does lifespan. The relationship between more schooling, higher income, job opportunities (e.g., pay, safe work environment) and social support, help create opportunities for healthier choices.

Education	Humphreys County	Tennessee	U.S.
High School grad or higher	98%	90%	86%
Bachelor's degree or higher	14.8%	27.3%	32.1%
Data source: Esri, 2021			

Insured/Uninsured

Why it is important: Lack of health insurance can have serious health consequences due to lack of preventive care and delays in care that can lead to serious illness or other health problems.

Uninsured/Medicaid	Humphreys County	Tennessee	U.S.
Uninsured	12%	12%	11%
Medicaid Eligible	22.1%	19%	24.8%
Data source: County Health Rankings 2022, State of Tennessee County Profiles, 2020; US Medicaid.gov			



Appendix C: Community Input Data and Sources

In July 2022, Ascension Saint Thomas Three Rivers Hospital began a Community Health Needs Assessment for Humphreys County and sought input from persons who represent the broad interests of the community using several methods:

- Information gathering, using secondary public health sources, occurred in July 2022.
- Community members participated in seven individual interviews and a focus group for their perspectives on community health needs and issues on August 5, 2022.

Input of those with special knowledge or expertise in public health

The local Health Department was consulted prior to beginning the CHNA process for advice and counsel. Representatives of the local health department participated in the interviews.

Consulting with persons representing the community's interests and taking into account input from persons who represent the broad interests of the community served by the hospital facility

Eight community members were interviewed or participated in a focus group. Those selected were chosen based on their knowledge of Humphreys County and its health needs. The hospital and Health Department recommended the interviewees who represented the broad interests of the community.

Solicit and take into account members of the medically underserved, uninsured, and minority population served by the hospital or their representatives.

Many of the interviewees were selected because they represented the medically underserved, uninsured and minority populations.

Below is a list of the interviewees.

Interviewees

Organization	Represents
Humphreys County Health Department	All
Ascension Saint Thomas Three Rivers Hospital	All
Anti-Drug Alliance	All
Humphreys County Emergency Management Agency	All
UT Extension Services	All
Johnsonville State Park	All
United Way of Humphreys County	All
City of Waverly - Local Government	All



Appendix D: Secondary Data and Sources

In the graphs and tables below, if a red stop sign and red title accompany a graph or table the indicator for Humphreys County is worse than Tennessee. If a green star and green title accompany a table or graph, the Humphreys County indicator is better than Tennessee.

Health Outcomes

Length of Life - life expectancy, infant mortality

● Life Expectancy

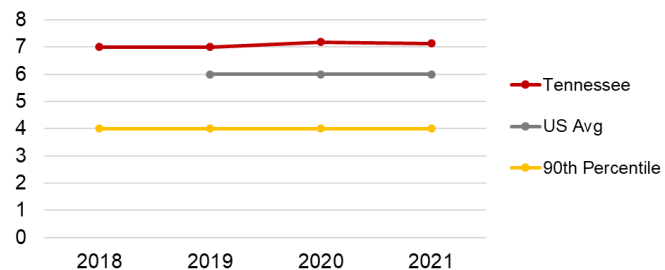
(Average number of years a person can expect to live)

2022	
Humphreys County	74.0
Tennessee	75.3
US Avg	78.5
90th Percentile	80.6

Due to COVID and impacts of COVID, life expectancy in the US decreased 1.87 years in 2020. The 2022 County Health Rankings used data from 2018-2020 for this measure.

● Infant Mortality*

(Number of infant deaths within 1 year per 1,000 live births)



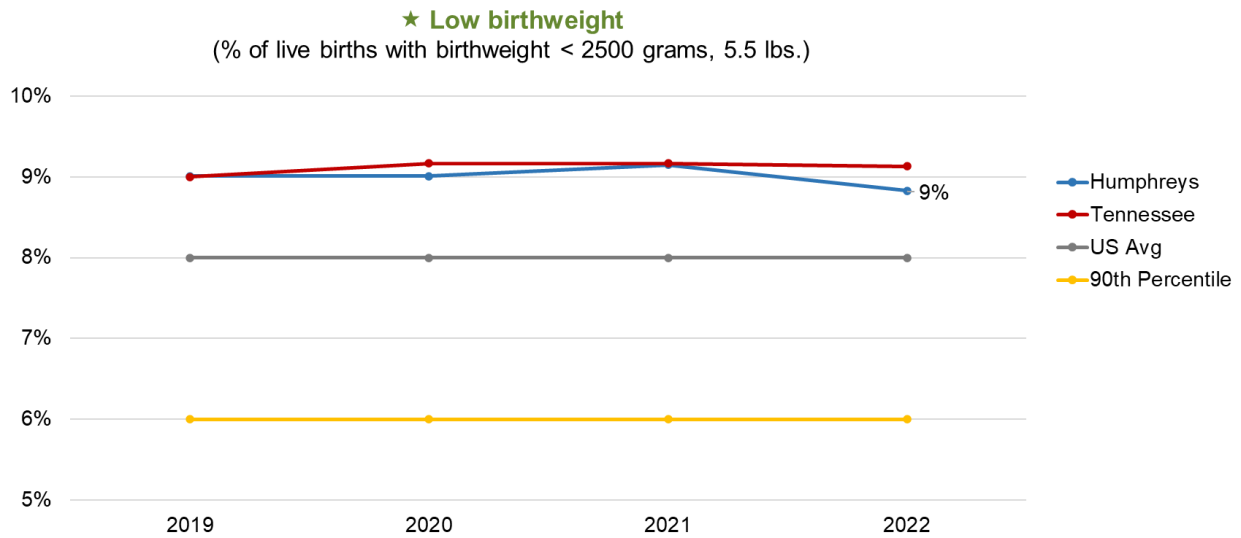
*Humphreys County data was not available for this metric.

Life expectancy in Humphreys County was lower than Tennessee.



Physical Health

Low birthweight babies - *low birthweight babies*



For the percentage of low birthweight babies, Humphreys County is better than Tennessee.



Social and Economic Factors

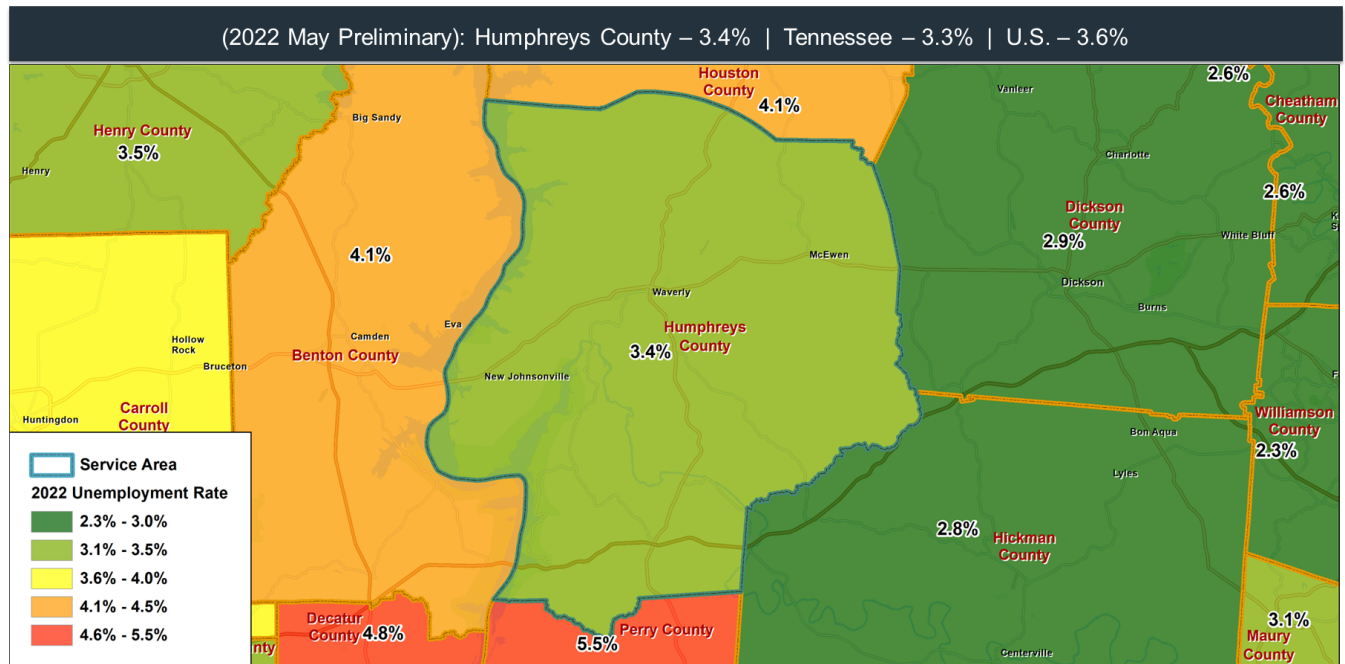
Economic Stability - *median hh income, unemployment, poverty, childhood poverty, income inequality*

	Humphreys County	Tennessee	USA
Median Household Income	\$41,510	\$55,276	\$64,730

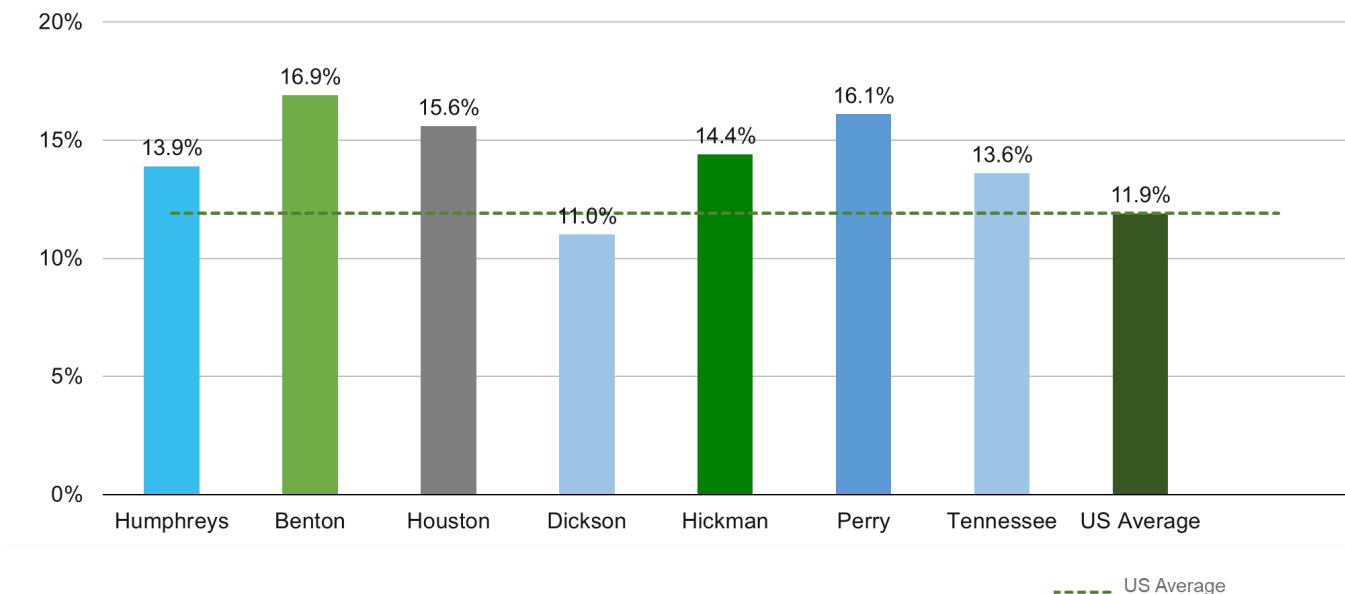
Source: Esri, 2021



Unemployment



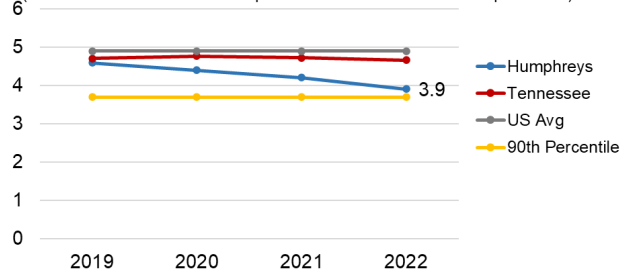
Poverty Estimates 2020 for Contiguous Counties, TN and U.S.





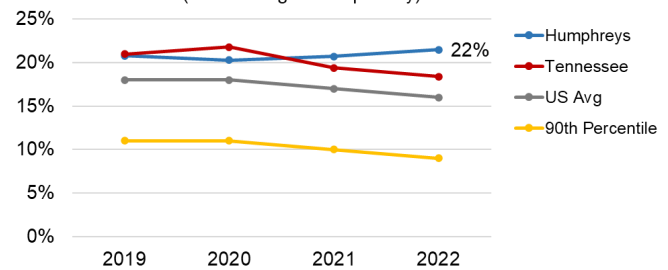
★ **Income inequality**

(ratio of HH income at the 80th percentile to income at the 20th percentile)



● **Children in poverty**

(% under age 18 in poverty)



Educational Attainment - high school completion, some college, reading scores, math scores

● **High school completion**

(% of adults ages 25 and over with a high school diploma or equivalent)

Higher is better

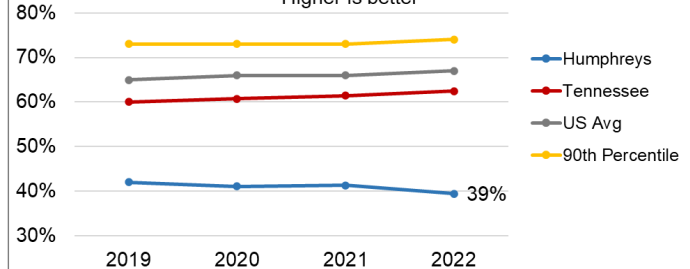
2022

Humphreys County	84%
Tennessee	88%
US Avg	89%
90th Percentile	94%

● **Some college**

(% of adults 35-44 with some postsecondary ed)

Higher is better



★ **Math scores**

(Average grade level performance for 3rd graders on math standardized tests)

Higher is better

2022

Humphreys County	3.2
Tennessee	2.9
US Avg	3.0
90 th Percentile	3.4

★ **3rd Grade reading level**

(Average grade level performance for 3rd graders on English Language Arts standardized tests)

Higher is better

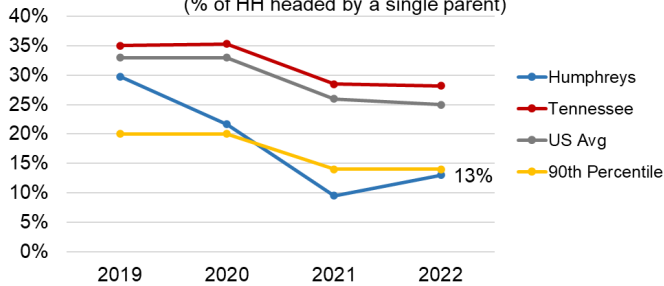
2022

Humphreys County	3.0
Tennessee	3.0
US Avg	3.1
90 th Percentile	3.3

Social/Community - children in single parent homes, social associations, residential segregation - Black/White, residential segregation - non-White/White, disconnected youth, violent crime

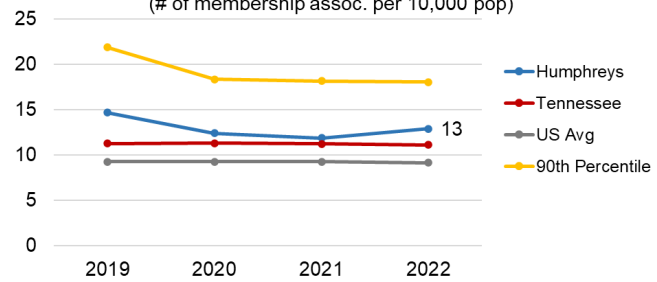
★ **Children in single-parent households**

(% of HH headed by a single parent)



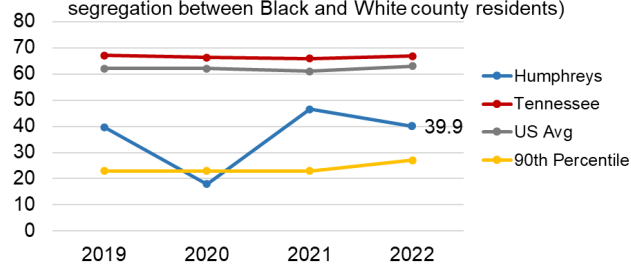
★ **Social associations**

(# of membership assoc. per 10,000 pop)



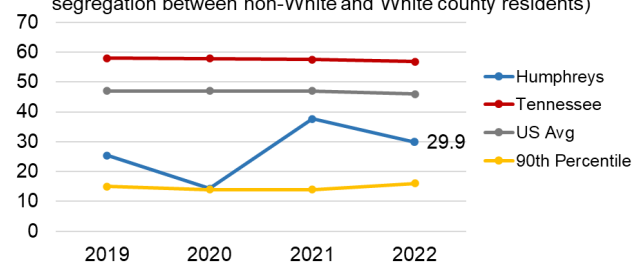
★ **Residential segregation – Black/White**

(Index of dissimilarity where higher values indicate greater residential segregation between Black and White county residents)



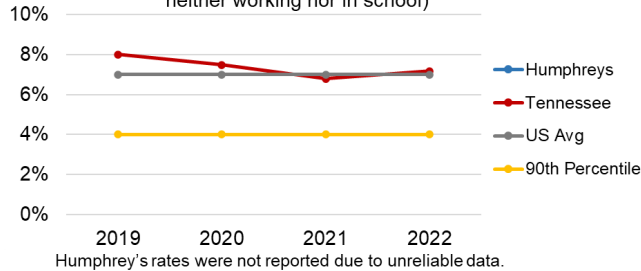
★ **Residential segregation – non-White/White**

(Index of dissimilarity where higher values indicate greater residential segregation between non-White and White county residents)



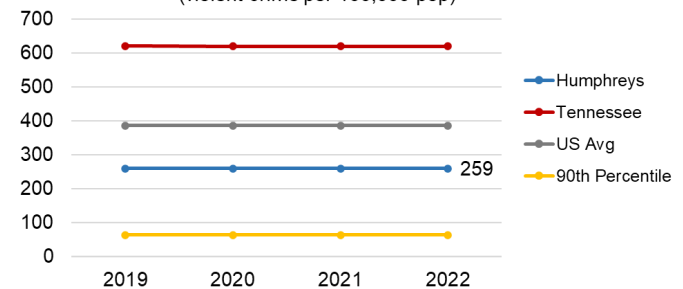
Disconnected youth

(% of teens and young adults ages 16-19 who are neither working nor in school)



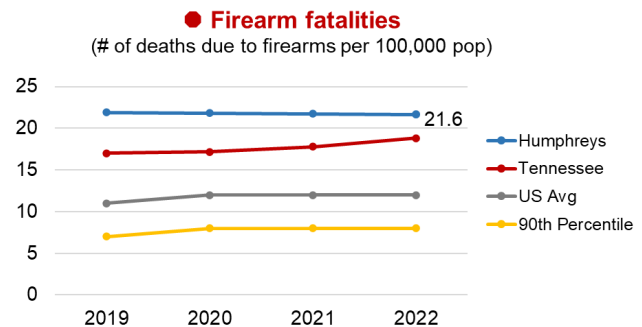
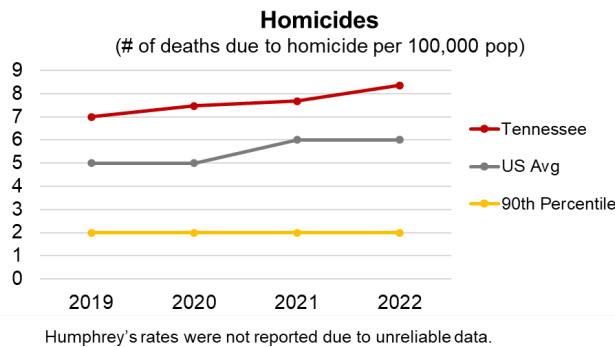
★ **Violent crime rate**

(violent crime per 100,000 pop)

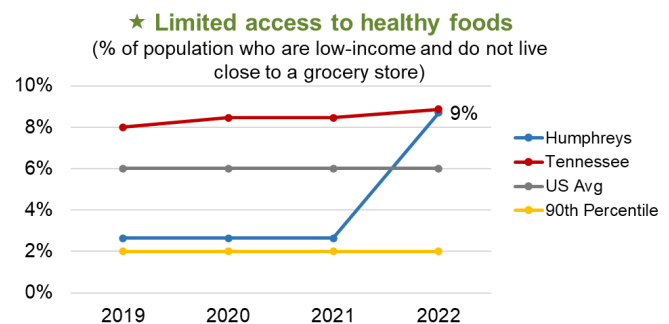
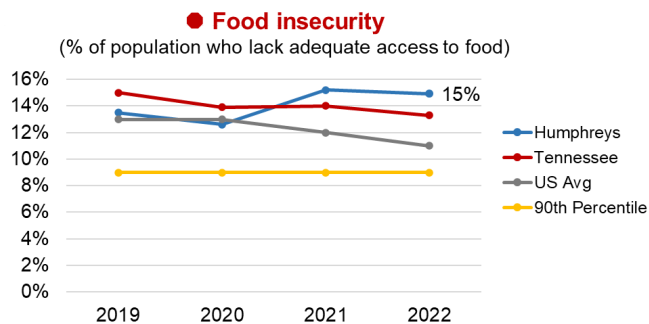
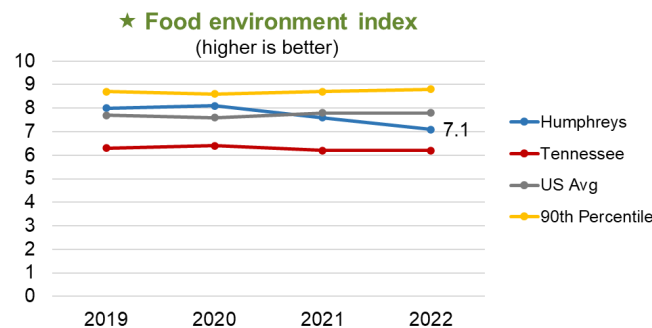




Injury Deaths - homicides, firearm fatalities

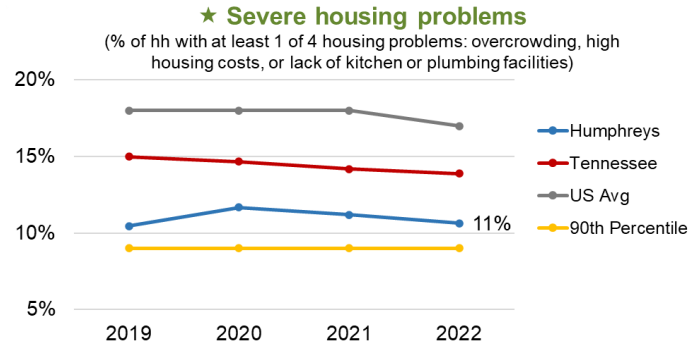
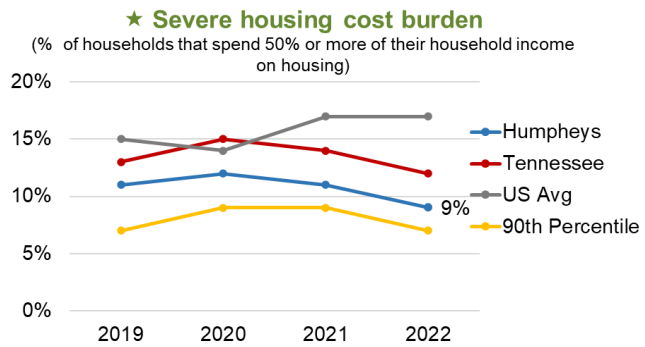


Access to Healthy Foods - food environment index, food insecurity, limited access to healthy foods





Physical Environment - Severe housing problems, severe housing cost burden



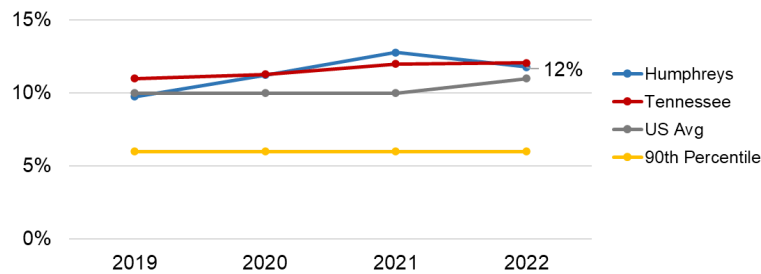


Clinical Care

Healthcare Access - *uninsured, uninsured adults, uninsured children*

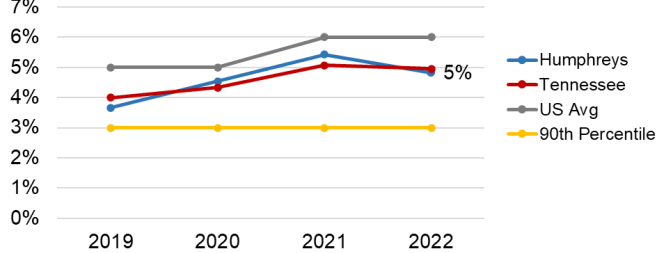
★ Uninsured

(% of population under age 65 without health insurance)



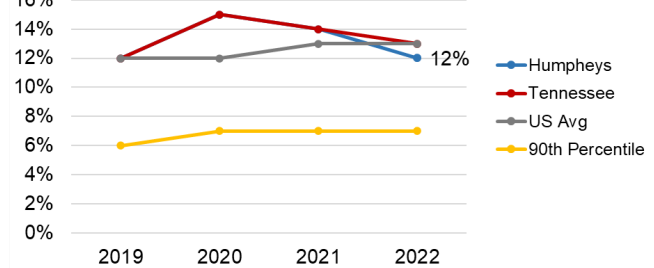
★ Uninsured children

(% of children under age 19 without health insurance)



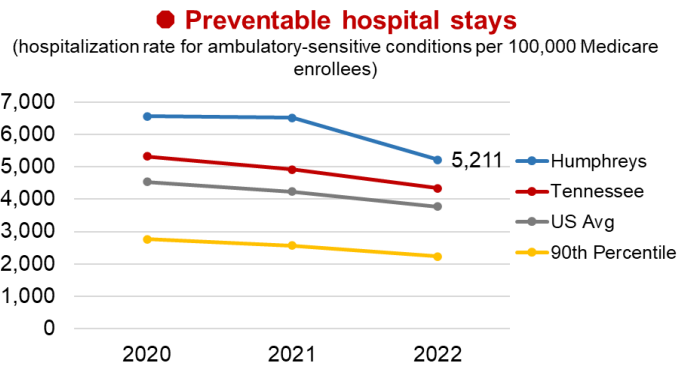
★ Uninsured adults

(% of adults under age 65 without health insurance)

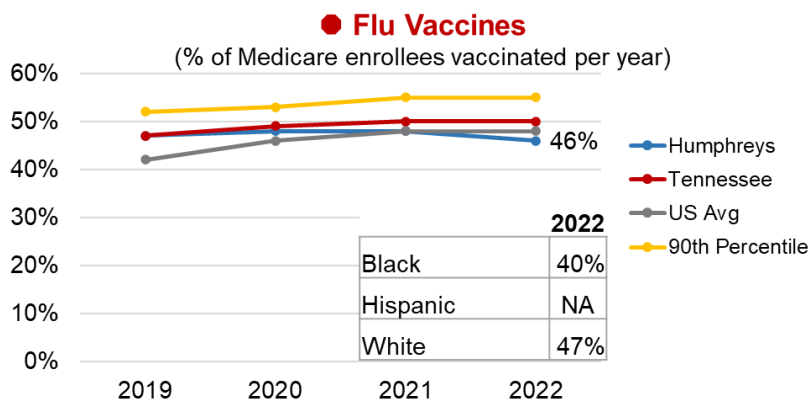




Hospital Utilization - Preventable hospital stays



Preventative Healthcare - Flu vaccinations





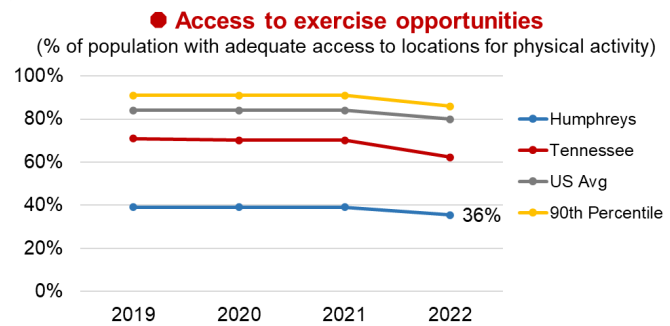
Health Behaviors

Healthy Life - Adult obesity, access to exercise opportunities

★ **Adult obesity**
(% of adults that report a BMI of 30 or more)

2022	
Humphreys County	36%
Tennessee	37%
US Avg	32%
90th Percentile	30%

*Beginning with 2022 CHR, the CDC has updated their modeling procedure for producing small-area estimates. 2022 should not be compared to prior years.





Substance Use and Misuse - Opioid hospital visits, opioid deaths

★ Opioid overdose outpatient visits

(rate of adults that were treated for an opioid overdose and survived per 100,000)

	2020
Humphreys County	59
Tennessee	62
US Avg	NA

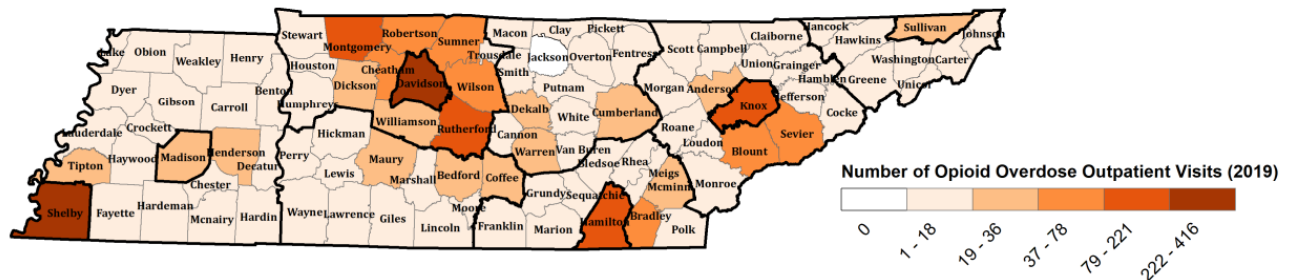
Opioid overdose deaths

(rate of adults that died from an opioid overdose per 100,000, age adjusted)

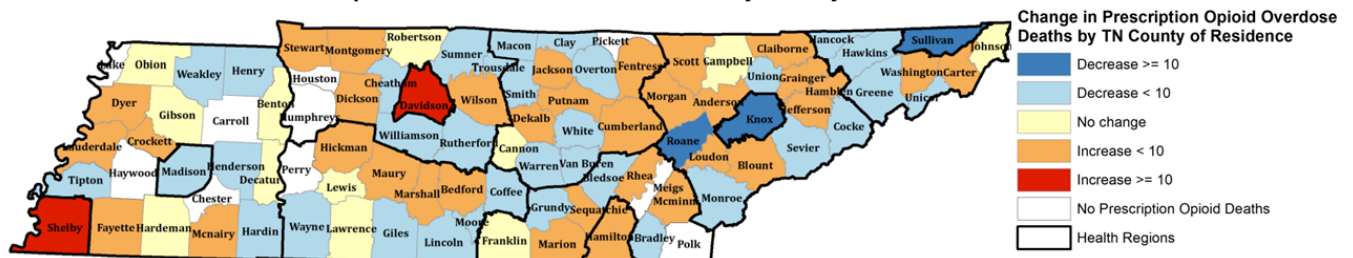
	2020
Humphreys County	NA
Tennessee	36
US Avg	15

In Humphreys County the rate of drug overdose deaths involving all opioid deaths was unstable due to less than 10 counts in the year 2020. The total count of opioid deaths in Humphreys County was 6 in 2020.

Opioid Overdose Outpatient Visits by County



Opioid Overdose Deaths by County



Tennessee.gov: Drug Poisoning Report (2021)

To view additional secondary data, see Appendix D (page 54).



Appendix E: Health Care Facilities and Community Resources

As part of the CHNA process, Ascension Saint Thomas Three Rivers Hospital has cataloged resources available in Humphreys County that address the significant needs identified in this CHNA. Resources may include acute care facilities (hospitals), primary and specialty care clinics and practices, mental health providers, and other non-profit services. State and national resources can also provide information regarding programs that can better serve the needs of a person experiencing a specific problem.

The resources listed under each significant need heading are not intended to be exhaustive.

Mental Health Resources

Organization Name	Phone	Website
Health Connect America	(931) 837-6042	https://www.healthconnectamerica.com/
Insightful Pediatric and Family Therapy	(931) 246-9449	https://www.insightfultherapytn.com/

Substance Misuse Resources

Organization Name	Phone	Website
Bluebird Recovery	(931) 222-0139	https://www.bluebirdrecoveryllc.com/
The Identify Project	(949) 274-3765	NA

**Poverty/Low Income Housing Resources**

Organization Name	Phone	Website
Stone Ridge Estates Affordable Housing	(931) 837-7368	https://olympiamanagement.net/property/stoneridge-estates-Waverly-tn/
Knollcrest Manor Low Income Housing	(931) 836-3859	https://www.alcomgt.com/knollcrest-manor-apartments/
Cookeville Rescue Mission	(931) 528-5819	https://cookevillerescuemission.org/

Access to Healthcare

Organization Name	Phone	Website
Ascension Saint Thomas Three Rivers Hospital	(931) 738-9211	https://healthcare.ascension.org/locations/tennessee/tnnas/Waverly-ascension-saint-thomas-Three-Rivers
Humphreys County Health Department	(931) 836-2201	https://www.tn.gov/health
Cumberland Family Care	(931) 738-3383	http://www.cumberlanddoc.com/
Fast Pace Health	(931) 739-4000	https://www.fastpacehealth.com/location/Waverly?utm_source=qmb&utm_medium=yext&y_source=1_MjIzMDQ2MzktNzE1LWxvY2F0aW9uLmdvb2dsZV93ZWJzaXRlX292ZXJyaWRl



Appendix F: Evaluation of Impact from the Previous CHNA Implementation Strategy

Ascension Saint Thomas Three Rivers Hospital's previous CHNA implementation strategy addressed the following priority health needs: Access to Care, Mental Health, Healthy Weight, and Substance Misuse.

The table below describes the actions taken during the 2020 CHNA to address each priority need and indicators of improvement.

The COVID-19 pandemic had a profound impact on Ascension Saint Thomas Three Rivers Hospital's ability to carry out many strategies. Like many health systems, staff capacity shifted in 2020; while some of our strategies were able to adapt, many were not able to be implemented or fully completed. Additionally, Humphreys County experienced a devastating, deadly flood on 8/21/21 that severely affected the health system and community.

PRIORITY NEED	Access to Care	
ACTIONS TAKEN	STATUS OF ACTIONS	RESULTS
Engage state legislators and advocate for expanded access to affordable healthcare in Tennessee	<i>Started - Lagging</i>	The hospital has participated in meetings with Congressman Green, Senator Roberts, Senator Blackburn, Governor Lee. The hospital attended Day on the Hill in Nashville and Washington DC
Research and develop a list of available affordable and no cost health care	<i>Started - On Track</i>	The hospital's Case Manager works with patients who do not have insurance to either apply for or the option to go to our local health department.
Research and develop a list of available free or reduced cost medications	<i>Started - On Track</i>	The hospital's ED nurses have the Walmart \$4 list as well as the Good RX Cards to give patients.
Increase access to needed health screenings for uninsured by collaborating with Health Department's We Care We Help Program	<i>Started - On Track</i>	The hospital partners with We Care We Help to provide health screening services at a discounted rate. We are a member of the Health Council and work with the Health Council for fundraising events for We Care We Help



PRIORITY NEED	Chronic Diseases	
ACTIONS TAKEN	STATUS OF ACTIONS	RESULTS
Partner with Coordinated School Health to provide education to parents and children on wellness and disease prevention	<i>Started - On Track</i>	<p>The hospital has nurses that work with Coordinated School Health to conduct their health screenings on students. This project was put on hold due to COVID and flood.</p> <p>The hospital plans on coordinating the screenings again this year and will be partnering with Coordinated School Health.</p>
Promote awareness and provide education of healthy lifestyle choices that can reduce chronic disease and improve health at local events, senior centers and health fairs	<i>Started - On Track</i>	<p>Prior to being shut down due to COVID, the hospital partnered with the Tennessee Department of Health Educator, UT Extension and the local Health Council to host events in the community. Access to the Senior Centers was shut down again after the flood.</p> <p>We have recently started back with Health Fairs at local plants.</p>
Promote the importance of health screenings available for early detection of cancers at local events, senior centers, and health fairs	<i>Started - On Track</i>	<p>Prior to being shut down due to COVID, we partnered with the Tennessee Department of Health Educator, UT Extension and our Health Council to host events in the community. Access to the Senior Centers was shut down again after the flood.</p> <p>We have recently started back with Health Fairs at local plants.</p>
Decrease the use of tobacco and vapor products	<i>Started - Lagging</i>	<p>The hospital was partnering with the Tennessee Department of Health educator to have events at the local schools on tobacco and vaping products. The hospital was planning poster competitions with bicycles for prizes, however, with COVID and flood, the hospital was not able to complete.</p> <p>The Health Educator has left that position. The hospital will work with the new health educator to restart this work.</p>



Educate the community at health fairs and community events regarding the use of tobacco products and chronic disease.	<i>Not Started</i>	Health Fairs are just returning to the Humphreys County community. (September 2022)
Partner with Health Department to provide smoking cessation classes to the community, ie. College, school, industry	<i>Started - Lagging</i>	The Health Educator at the Tennessee Department of Health scheduled classes at the hospital for smoking cessation and after advertising; the class only had 1 participant.
Conduct a social media campaign on the misconceptions about the safety of tobacco and vape products	<i>Not Started</i>	<i>Not Started</i>



PRIORITY NEED	Healthy Eating/Active Living - Obesity	
ACTIONS TAKEN	STATUS OF ACTIONS	RESULTS
Continue work with Coordinated School Health to increase the use of GoNoodle in the classrooms	<i>Started - Lagging</i>	There was good progress on the use of GoNoodle in the classrooms but this strategy was not able to be used when students were at home during COVID-19.
Encourage school-wide competition based on specific activities		The hospital was partnering with the Tennessee Department of Health educator to have events at the local schools on tobacco and vaping products. The hospital was planning poster competitions with bicycles for prizes, however, with COVID and flood, the hospital was not able to complete. The Health Educator has left that position. The hospital will work with the new health educator to restart this work.
Partner with Coordinated School Health to conduct health screenings and educational events for parents and students, ie. Family Fitness and Fun night	<i>Started - On Track</i>	The hospital partners with Coordinated School Health to complete Health Screenings. The Family Fitness and Fun night did not take place.
Work with local restaurants to list their healthier food options	<i>Not Started</i>	<i>Not Started</i>
Provide community classes to local groups and at community events on healthy food options	<i>Started - On Track</i>	The hospital partnered with University of Tennessee - Ag Extension to go to the Farmers Market for healthy food prep presentations.
Send notifications to key people at local businesses and industry to increase participation in walking events	<i>Started - On Track</i>	The hospital conducted the annual Marathon In A Month events where we did schedule in person walking events either 1 night a week or on the saturday during that month. Participation has improved over the years. This event did not have the walk in person events during COVID.



Partner with Coordinated School Health to get school groups to increase participation	<i>Started - On Track</i>	Coordinated School Health did get the PE classes to participate in more activities related to healthy eating and active living.
Promote events on social media	<i>Started - On Track</i>	The hospital team did make posts on social media related to healthy eating and active living.



PRIORITY NEED	Substance Abuse	
ACTIONS TAKEN	STATUS OF ACTIONS	RESULTS
Meet with the Hope Center and Safe Harbor to obtain needed information on their program requirements, costs, and availability by September 2021	<i>Started - On Track</i>	Flyers were designed with information for both programs and contact information.
Research other programs available in Tennessee	<i>Started - On Track</i>	The hospital team did research programming in Humphreys County and discovered that there are other programs available at local churches, Alcohol Anonymous, Narcotics Anonymous, and Celebrate Recovery
Develop brochure with information on programs, drug hotlines, drug return programs, and other available resources	<i>Started - On Track</i>	Distributed a handout with substance abuse hotline/mental health hotline/and other addiction hotlines in our hospital.
Use brochures to educate the community on available resources at local health fairs and other community events	<i>Not Started</i>	<i>Not Started</i>
Support/Promote Humphreys County Drug Alliance program Count It, Lock It, Drop It	<i>Started - On Track</i>	The hospital partnered with the drug alliance coalition for Humphreys County local Drug Take Back Events