



*Photo Credit: Fayetteville Lincoln County Chamber of Commerce*

# **Lincoln Health** **2023-2026**

## Community Health Needs Assessment

Lincoln County, TN

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## Perspective / Overview

### About HH Health System-Lincoln

HH Health System-Lincoln is a comprehensive health care system where innovation meets compassion and our personal commitment to patient-focused care compels us to promote and support the wellbeing of those around us.

LHS is about more than health care. We are health caring. This is not just a place to get well; it's a remarkable experience full of people who are genuinely invested in making the lives of our families, friends and neighbors better.

The HH Health System-Lincoln is a comprehensive health care system where the latest advances in medicine are practiced, yet it is also a place filled with the timeless traditions of human caring and compassion. We hope that your experience with us will be a pleasant one, and that you will experience the gentle care of our physicians, nurses, technicians, staff, and volunteers.

#### **Mission**

The mission of HH Health System-Lincoln is to provide a continuum of primary health care services to the people of Lincoln County and the surrounding counties.

#### **Vision**

HH Health System-Lincoln will exceed our community's expectations by providing quality health care which is progressive, accessible, and customer driven in an environment sensitive to people.

#### **Values**

People, Service, Communications, Continuous Improvement, Resource Use



Source: HH Health System-Lincoln website; [lincolnhealthsystem.com](http://lincolnhealthsystem.com)

## Creating a Culture of Health in the Community



Action Cycle Source: the Robert Wood Johnson Foundation's County Health Rankings website:  
<http://www.Countyhealthrankings.org/roadmaps/action-center>

The Community Health Needs Assessment (CHNA) uses systematic, comprehensive data collection and analysis to define priorities for health improvement, creates a collaborative community environment to engage stakeholders, and an open and transparent process to listen and truly understand the health needs of Lincoln County, Tennessee.

The Action Cycle shows how to create healthy communities. The rankings later in the document assist in understanding what makes a healthy community.

## 2023 Community Health Needs Assessment

### Collaborators

HH Health System-Lincoln, Inc., 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 community health data and facilitated the focus groups.

This is a single facility CHNA for HH Health System, Inc. EIN: 88-2472117.



## Making the CHNA Widely Available to the Public

Starting on **June 1, 2023**, this report is made widely available to the community via HH Health System-Lincoln website <https://www.hcmc-tn.org> and paper copies are available free of charge at HH Health System-Lincoln, 106 Medical Center Boulevard, Fayetteville, TN 37334 or by phone (931) 483-1100.

## Board Approval

HH Health System-Lincoln's board of directors approved this assessment on **May 30, 2023**.

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## Key Findings

### Most Significant Health Priorities

Based on the Health Department priorities, secondary data, and community focus groups, hospital leadership selected the following significant health needs to be the focus of the work of community over the next three years. There is a complete summary of findings with prioritization criteria later in the document.

1. Mental Health
2. Healthy Weight
3. Substance Use
4. Social Determinants of Health
5. Access to Care

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## Community Input and Collaboration

### Methods and Dates

In January 2023, HH Health System-Lincoln began a Community Health Needs Assessment for Lincoln 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 February 2023.
- Community members participated in focus groups for their perspectives on community health needs and issues on February 23, 2023.

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### Participants by Those Representing the Broad Interests of the Community

Twenty-two individuals from twenty-one community organizations participated in the focus groups aimed at identifying and defining significant health needs, issues, and concerns of Lincoln County. The three-month process centered on gathering and analyzing data, as well as receiving input from persons who represented the broad interests of the community, to provide direction for the community and hospital to create a plan to improve the health of the communities.

## Participants

Organization	Population Represented (kids, low income, minorities, those w/o access)
Always Endure, pastor	Children, all
City Mayor	All
Crossroads Pregnancy Clinic	Women, Children
Fayetteville City Schools	Children
Fayetteville Main Street	Small businesses, all
Fayetteville Medical Associates	All
Fayetteville Police	All
Hands of Mercy Outreach Center	Low-income
Haven of Hope Inc., Lincoln County Office	Women, Domestic violence
Higgins Funeral Home/Fayetteville Lions Club	All
Junior's House CAC	Children
Lincoln County Health Department	All
Lincoln County Mayor	All
Lincoln County Sheriff's Office	All
Lincoln Health, Patrick Rehab Wellness	All
Lincoln Medical Center	All
Lincoln Medical EMS	All
Lincoln Medical Home Health and Hospice	All, Seniors
Parkway Medical Group	All
SCHRA Headstart/Early Headstart	Children, low-income
South Central TN Development District	All

## Input of the Medically Underserved, Low-Income, and Minority Populations

Input of medically underserved, low-income and minority populations was received through focus groups. Agencies representing these population groups were intentionally invited to the focus groups.

## Input of Those with Expertise in Public Health

The Lincoln County Health Department participated in the focus group.

## Input on the Most Recently Conducted CHNA and Most Recently Adopted Implementation Strategy

HH System-Lincoln, formerly known as Lincoln Health System, was a county-owned hospital and therefore not required to conduct a CHNA. They became a 501(c) 3 in 2022.

## Process and Methods Used

### Community Selected for Assessment

Lincoln County was the primary focus of the CHNA due to the service area of HH Health System-Lincoln. Used as the study area, Lincoln County provided 86.3% of January 1, 2022, through December 31, 2022, inpatient discharges. The community includes medically underserved, low-income, and minority populations who live in the geographic areas from which HH Health System-Lincoln draws their patients.

All patients were used to determine the service area without regard to insurance coverage or eligibility for financial assistance under HH Health System-Lincoln's Financial Assistance Policy.

### Medical Center Study Area – 2023





## Data and Other Information Used in the Assessment

### Primary methods included:

- Focus groups with community members

### Secondary methods included:

- Public health data – death statistics, County Health Rankings, cancer incidence
- Demographics and socioeconomic – population, poverty, uninsured, unemployment
- Psychographics – behavior measured by spending and media preferences

### Information Gaps

While this assessment was quite comprehensive, it cannot measure all possible aspects of health in the community, nor can it adequately represent all possible populations of interest. It must be recognized that these information gaps might in some ways limit the ability to assess all the community's health needs.



Source: [guestquest.com](http://guestquest.com)



Photo Credit: Lincoln County Fair

## Description of the Communities Served

## Demographics and Economic Indicators

The table below shows the demographic summary of Lincoln County compared to TN and the U.S.

	Lincoln County	Tennessee	USA
Population	35,694	7,049,134	335,707,897
Median Age	43.4	40.0	38.9
% 85 and over	2.1%	1.8%	2.1%
% 65 and over	21.0%	18.0%	17.5%
% 19 and under	23.3%	23.8%	24.4%
Median Household Income	\$57,843	\$61,059	\$72,414
Annual Pop. Growth (2022-2027)	0.21%	0.52%	0.25%
Household Population	14,558	2,801,279	128,657,669
Businesses	948	224,727	12,609,070
Employees	10,101	3,124,768	151,363,907
Health Care Index*	91	91	100
Average Health Expenditures	\$6,474	\$6,468	\$7,087
Cost of Living	80.0	89.9	100

Source: Esri

\*The Health Care Index is household-based, and represents the amount spent out of pocket for medical services and insurance relative to a national index of 100.

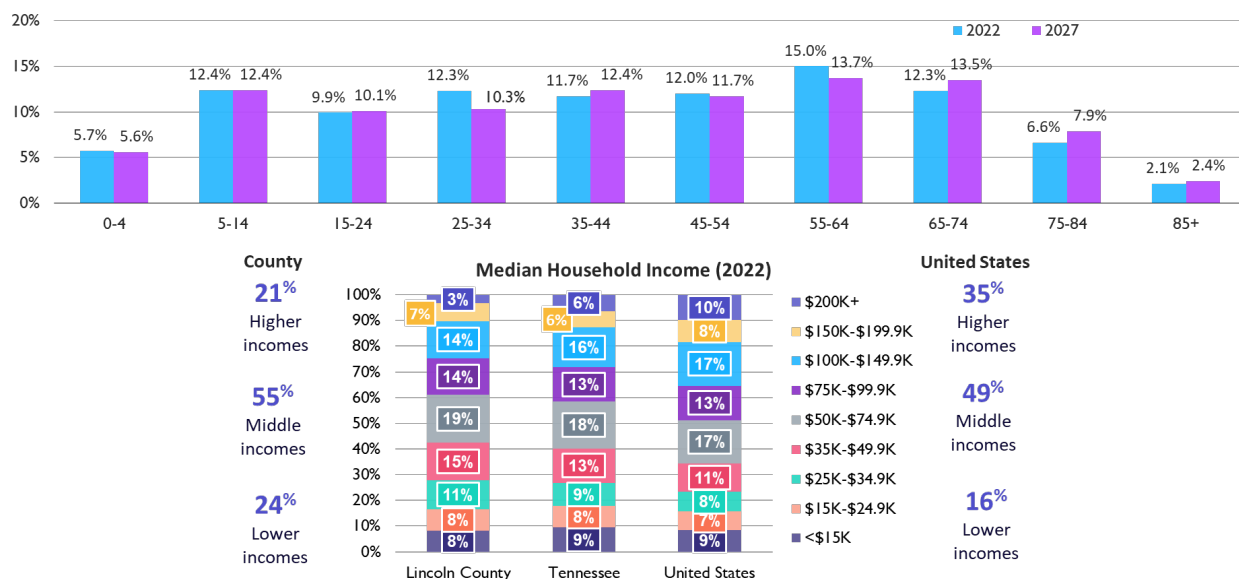
The median is the value at the midpoint of a frequency. There is an equal probability of falling above or below the median.

## Race and Ethnicity



Source: Esri

## Percent of Population by Age Group

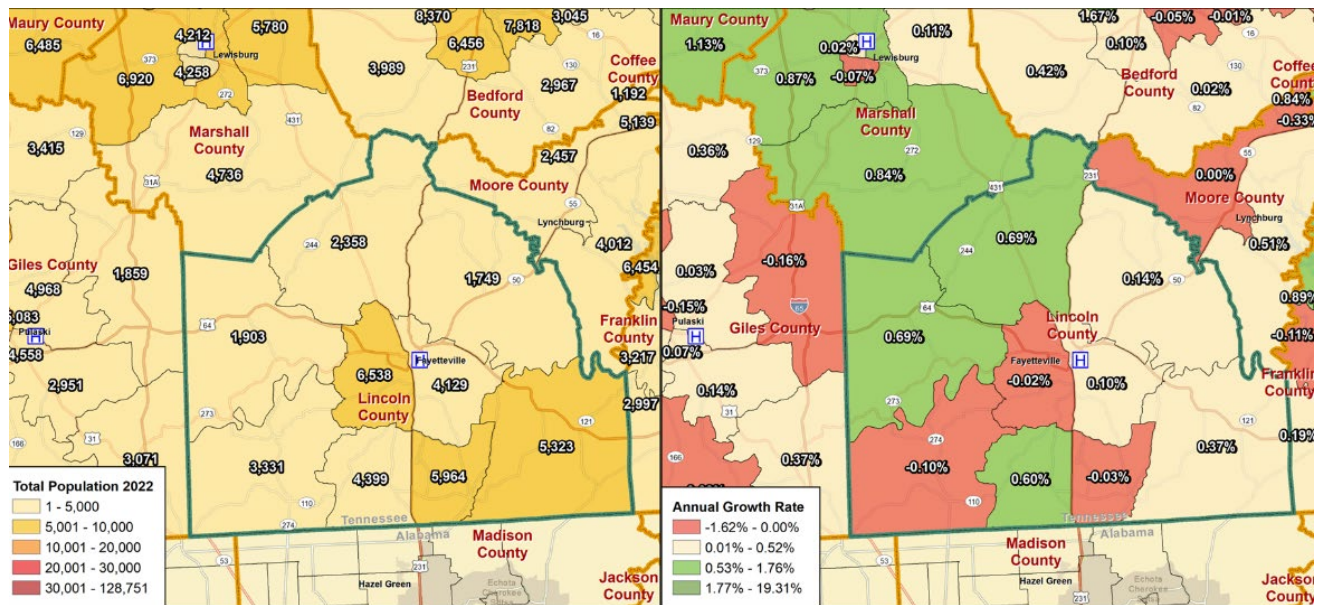


Source: Esri

- The population of Lincoln County is projected to increase from 2022 to 2027 (0.21% per year). Tennessee is projected to increase 0.52% per year. The U.S. is projected to increase 0.25% per year.
- The 65+ population will comprise a larger percentage of total population by 2027.
- Lincoln County had a higher median age (43.4 median age) than TN (40) and the U.S. (38.9). In Lincoln County the percentage of the population 65 and over was 21%, higher than the U.S. population 65 and over at 17.5%.
- Lincoln County median household income at \$57,843 was lower than TN (\$61,059) and the U.S. (\$72,414). The rate of poverty in Lincoln County was 14.6% which was higher than TN (13.7%) and the U.S. (12.8%).
- The household income distribution of Lincoln County was 21% higher income (over \$100,000), 55% middle income, and 24% lower income (under \$25,000). The largest income group is the 19% making \$50,000 to \$74,999.
- The health care index measures how much the populations spent out-of-pocket on health care services including insurance premiums. The U.S. index was 100. Lincoln County was 91, indicating 9% less spent out of pocket than the average U.S. household on medical care (doctor's office visits, prescriptions, hospital visits) and insurance premiums.
- The cost of living in Lincoln County was 20% less than the U.S. and 9.9% less expensive than TN.
- The racial and ethnic make-up of Lincoln County was 85% White, 6% Black, 4% Hispanic origin, 6% more than one race, 1% Asian/Pacific Islander, and 1% other. (These percentages total to over 100% because Hispanic is an ethnicity, not a race.)



## 2022 Population by Census Tract and Projected Change (2022-2027)



Source: Esri

Red is population decline

Yellow is positive up to the TN growth rate

Green is greater than the TN growth rate

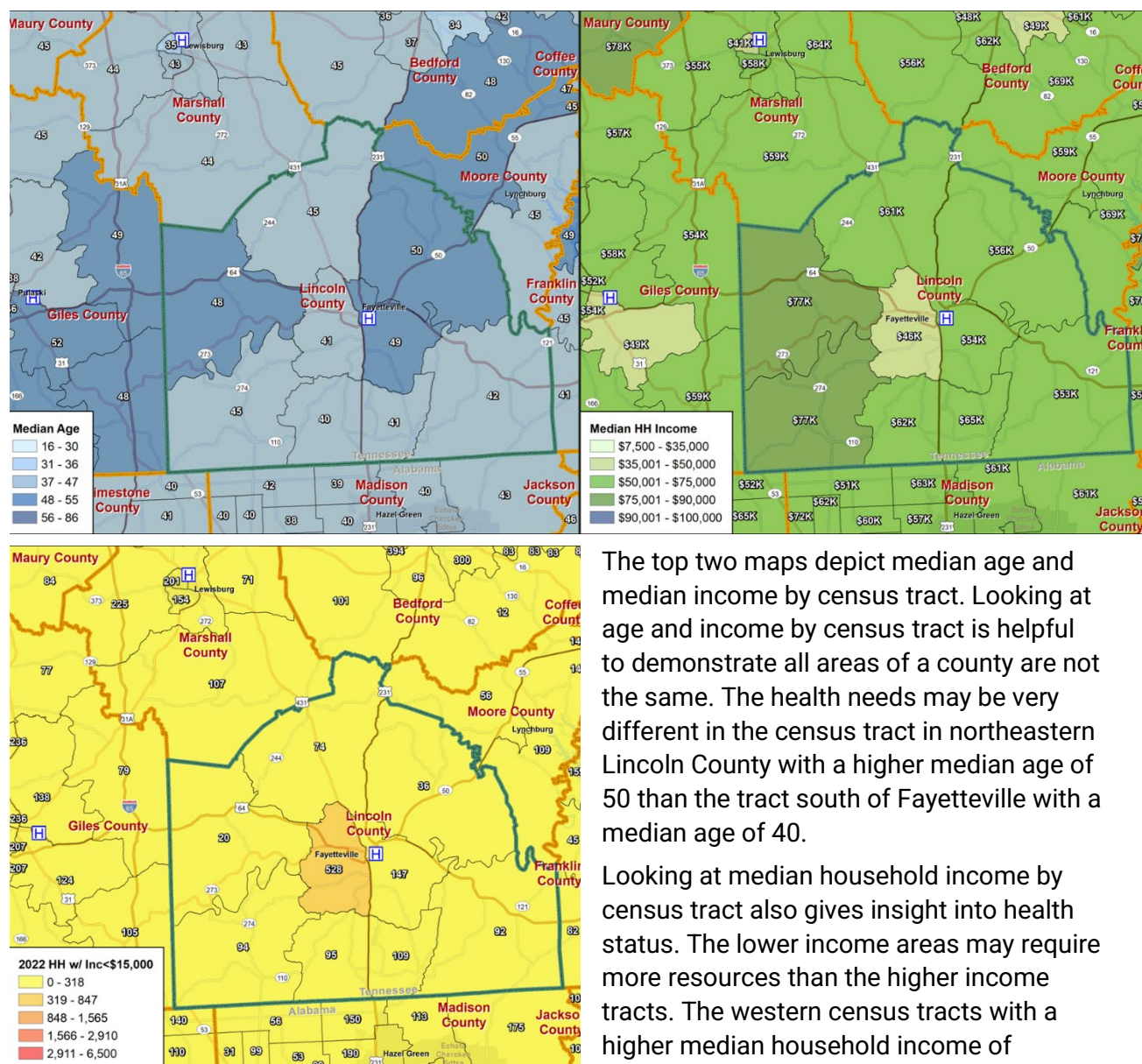
Dark green is twice the TN growth rate

Census tracts generally have a population size between 1,200 and 8,000 people, with an optimum size of 4,000 people. The higher populated census tracts are smaller geographically and the less populated census tracts are larger in geography. The highest populated census tracts are west Fayetteville and two tracts in the southeast corner including New Hope and Elora

The majority of Lincoln County has growth ranging from .1% - 0.69%. However, some tracts project population decline, west Fayetteville, a tract in the southwest corner including Taft and the tract including New Hope.



## 2022 Median Age, Income, and Households Making Less Than \$15,000 per Year



The top two maps depict median age and median income by census tract. Looking at age and income by census tract is helpful to demonstrate all areas of a county are not the same. The health needs may be very different in the census tract in northeastern Lincoln County with a higher median age of 50 than the tract south of Fayetteville with a median age of 40.

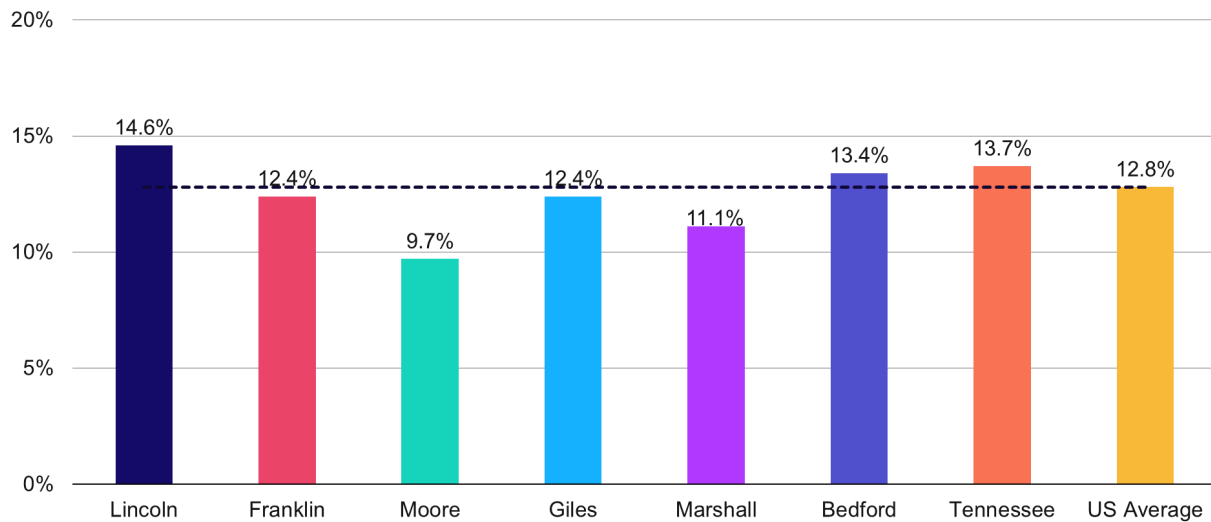
Looking at median household income by census tract also gives insight into health status. The lower income areas may require more resources than the higher income tracts. The western census tracts with a higher median household income of \$77,000 will probably have different needs

than that of the tract in the heart of Lincoln County making \$46,000.

The lower map is the number of households making less than \$15,000 per year. Again, further attempting to identify those areas within the county that may have a lower health status. The census tract located in the middle of the county shows 528 households making less than \$15,000 per year.

## Economic Indicators

### Percent in Poverty 2021



Lincoln County's 2021 poverty percentage was 14.6% compared to TN at 13.7% and the U.S. at 12.8%. The cost of living in Lincoln County was 10% lower than TN and 20% lower than the U.S.

## Business Profile

61.7% percent of employees in Lincoln County were employed in:

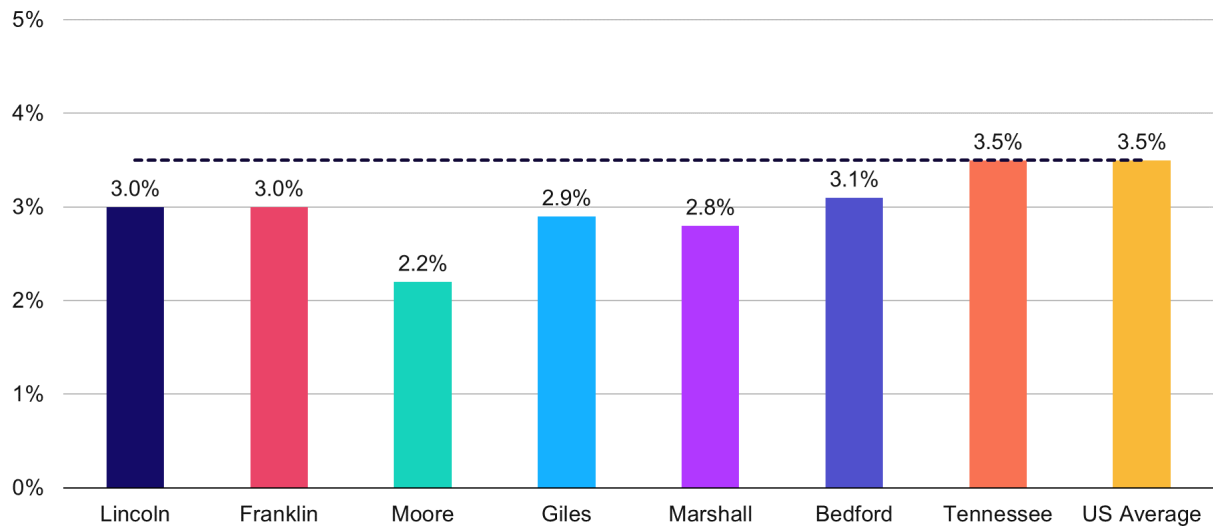
- Health Care & Social Assistance (16.1%)
- Manufacturing (14%)
- Retail Trade (12.8%)
- Wholesale Trade (11.5%)
- Other Services (7.3%)

Source: Esri

Retail, accommodation, and food service offer health insurance at a lower rate than healthcare, public administration, and educational services.

It is beneficial to contact people in groups to improve health. There are three primary places people gather during the week: work, church, and school. These are three excellent places to reach people to create a culture of health.

## Unemployment 2023



Source: BLS, December 2022, preliminary, not seasonally adjusted

Lincoln County's December 2022 preliminary unemployment was 3% compared to 3.5% for both Tennessee and the U.S.



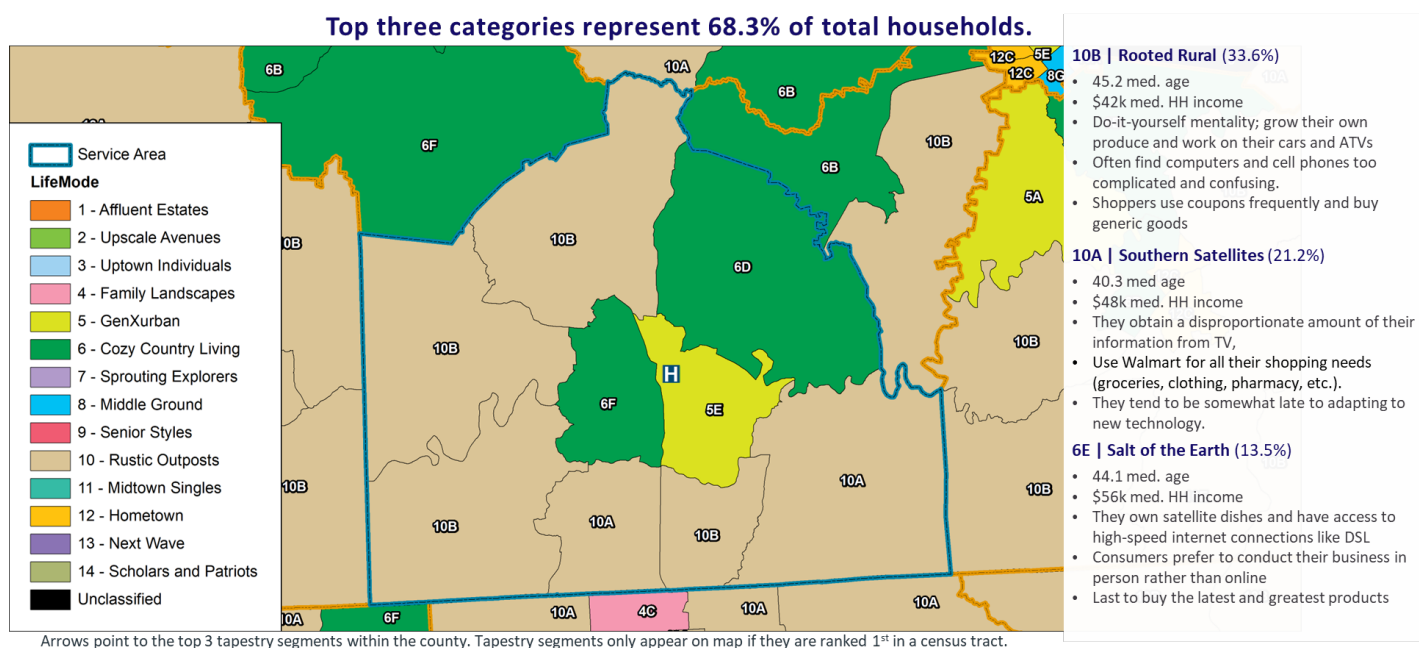
Photo Credit: Fayetteville Lincoln County Chamber of Commerce

## Psychographics – Tapestry Segmentation

Demographics are population, age, sex, and race. Psychographics are adding behavior data in the form of spending habits and survey data combined with demographics. Sixty-eight percent of Lincoln County are included in three Tapestry Segments. The map below is color coded by LifeMode, which are groupings of Tapestry Segments that behave similarly. The dominant Tapestry Segment of each census tract is identified by number and name.

The dominant Tapestry Segments in the county were Rooted Rural (33.6%), Southern Satellites (21.2%), and Salt of the Earth (13.5%).

There is a very brief description of the segments on the right of the map. There is much more information on Tapestry Segments, at <http://doc.arcgis.com/en/Esri-demographics/data/tapestry-segmentation.htm>. Analyzing the Tapestry Segments in the study area helps determine health habits, technology, and communication preferences of residents, enabling more effective communication and implementation of solutions to improve health. Many spoke of meeting people where they are in the focus group. Studying their Tapestry Segment can help do that.



Source: Esri



## Focus Groups Summary

Community stakeholders representing the broad interests of the community as well as those representing low income, medically underserved, and minority populations participated in two focus groups on February 23, 2023, for their input into the community's health. Community participation in the focus groups represented a broad range of interests and backgrounds. Below is a summary of the focus groups.

The participants defined health as a state of wellbeing – physical, emotional, spiritual, and mental with a good quality of life. They believe the health of the county could be better.

The most significant health issues for the communities were:

- Mental health – depression, suicide, access to resources
- Substance misuse – Meth, alcohol, prescription drugs, fentanyl, vaping, nicotine
- Poor eating habits
- Access to healthcare – doctor availability, specialists, dentists, cost of care, undiagnosed issues, only two physicians who see TennCare babies, cost of care, uninsured
- Poor educations, poor decision-making
- Preventive care
- Obesity
- Healthy, safe youth activities
- Parenting time, poor parenting
- Lack of childcare
- Food insecurity

If given a magic wand and no resource restrictions, the participants selected the following solutions to improve health.

- Communication – increase public awareness
- Lower cost of services – health, dental, copays, medications
- Transportation
- More money and taxes
- Clean and enhance parks
- Get together more often as a group to come together, collaborate and talk
- Child welfare focus
- Mental health counsellors in all schools
- Civic center for youth and adults with a swimming pool
- CAC exam rooms and counsellors
- Repurpose buildings to have all resources and services under one roof
- Substance abuse recovery center
- Buy-in, health literacy and education





*Photo Credit: Fayetteville Lincoln County Chamber of Commerce*

## Health Status Data, Rankings, and Comparisons

## Health Status Data

Based on the 2022 County Health Rankings study performed by the Robert Wood Johnson Foundation and the University of Wisconsin<sup>2</sup>, Lincoln County ranked 48<sup>th</sup> out of 95 Tennessee counties ranked for health outcomes (1= the healthiest; 95 = unhealthiest), and 36<sup>th</sup> for health factors. Health outcomes are composed of length of life and quality of life. Health factors are comprised of health behaviors, clinical care, social & environmental factors, and physical environment. To become the healthiest community in TN and eventually the nation, Lincoln County must close several lifestyle gaps.

County Health Rankings suggested the areas to explore for improvement in Lincoln County were:

- higher adult smoking
- higher percentage of adult obesity
- higher uninsured
- lower percentage of high school completion
- lower percentage of some college
- higher percentage of violent crime

The strengths were:

- higher food environment index
- lower percentage of excessive drinking
- lower preventable hospital stays
- higher flu vaccinations

When analyzing the health status data, local results were compared to TN, the U.S. (where available), and the top 10% of counties in the U.S. (the 90th percentile). For additional perspective, TN was ranked the 43<sup>rd</sup> healthiest state out of the 50 states. (Source: 2020 America's Health Rankings; lower is better)

TN challenges were:

- High premature death rate
- High prevalence of multiple chronic conditions
- High prevalence of cigarette smoking

The strengths were:

- Low prevalence of excessive drinking
- High supply of primary care providers
- Low percentage of households experiencing severe housing problems

Information from County Health Rankings and America's Health Rankings was analyzed in the CHNA in addition to the previously reviewed sociodemographic information and other public health data. Other data analyzed is referenced in the data below, such as: causes of death, demographics, socioeconomics, consumer health spending, and primary research. If a measure was better than TN, it was identified as a strength, and where an indicator was worse than TN, it was indicated as an opportunity for improvement. To prevent strengths from becoming

opportunities for improvement, it's important to continually focus on them. Opportunities were denoted with red titles, and strengths were denoted with green titles for easy interpretation. The years displayed on the County Health Rankings graphs show the year the data was released. The actual years of the data are contained in the source notes below the graphs.

<sup>2</sup> The Rankings are based on a model of population health that emphasizes the many factors that, if improved, can help make communities healthier places to live, learn, work and play. Building on the work of America's Health Rankings, the University of Wisconsin Population Health Institute has used this model to rank the health of Tennessee's counties every year since 2003.



Photo Credit: Fayetteville Lincoln County Chamber of Commerce

## Rankings and Comparisons of Health Status

In most of the following graphs, Lincoln County will be navy blue, TN will be purple, U.S. will be teal and the 90th percentile of counties in the U.S. will be blue.

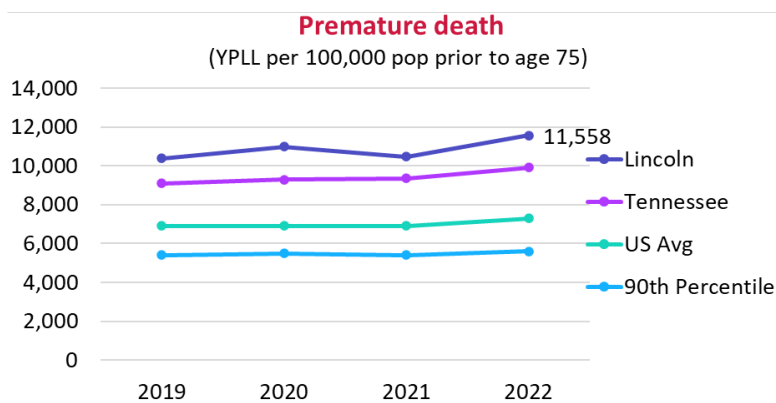
### Health Outcomes (Length of Life and Quality of Life)

Health Outcomes are a combination of length of life and quality of life measures. Lincoln County ranked 48<sup>th</sup> in health outcomes out of 95 Tennessee counties.

#### Length of Life

Length of life was measured by years of potential life lost per 100,000 population prior to age 75; here, lower is better. For example, a 25-year-old killed in an accident equates to 50 years of potential life lost prior to age 75. Lincoln County ranked 65<sup>th</sup> in length of life in TN. Lincoln County lost 11,558 years of potential life per 100,000 population which was higher than TN and the U.S.

Lincoln County residents can expect to live 4.9 years less than the average U.S. resident.



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

2018-2020	
Lincoln County	73.6
Tennessee	75.3
US Avg*	78.5
90th Percentile	80.6

\*Due to impacts of COVID, life expectancy in the US decreased 1.8 years from 2019.

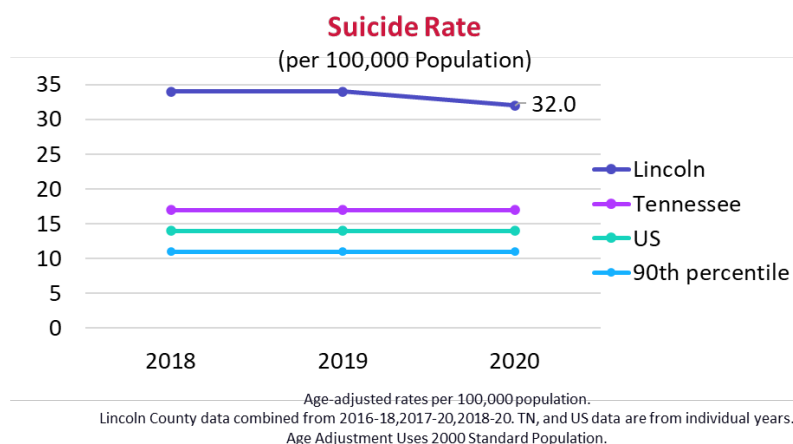
Source: County Health Rankings; National Center for Health Statistics – Mortality File 2018-2020

## Leading Causes of Death: Age-Adjusted Death Rates per 100,000 Population

Cause of Death	Lincoln County	Tennessee	US
Heart Disease	274.4	212.0	168.2
Cancer	157.4	164.4	144.1
COVID-19*	29.5	80.3	85.0
Accidents (Unintentional Injuries)	66.0	86.5	57.6
Strokes	50.8	43.6	38.8
Respiratory Diseases	52.2	51.2	36.4
Alzheimer's	58.0	44.4	32.4
Diabetes	29.7	30.1	24.8
Influenza and Pneumonia	18.5	18.5	13.0
Nephritis, nephrosis	NR	12.4	12.7
Liver Disease	16.2	16.2	13.3
Suicide	31.5	17.2	13.5
Hypertension	16.4	12.2	10.1
Parkinson Disease	NR	12.1	9.9

Age-adjusted rates per 100,000 population.  
 Lincoln County data combined from 2018-2020. US and TN data from 2020  
 Rates that appear in red for a county denote a higher value compared to state data.  
 Age Adjustment Uses 2000 Standard Population.

Rates in red represent higher death rates higher than TN. The leading causes of death in Lincoln County were heart disease, cancer, accidents, Alzheimer's, followed by respiratory diseases and strokes.



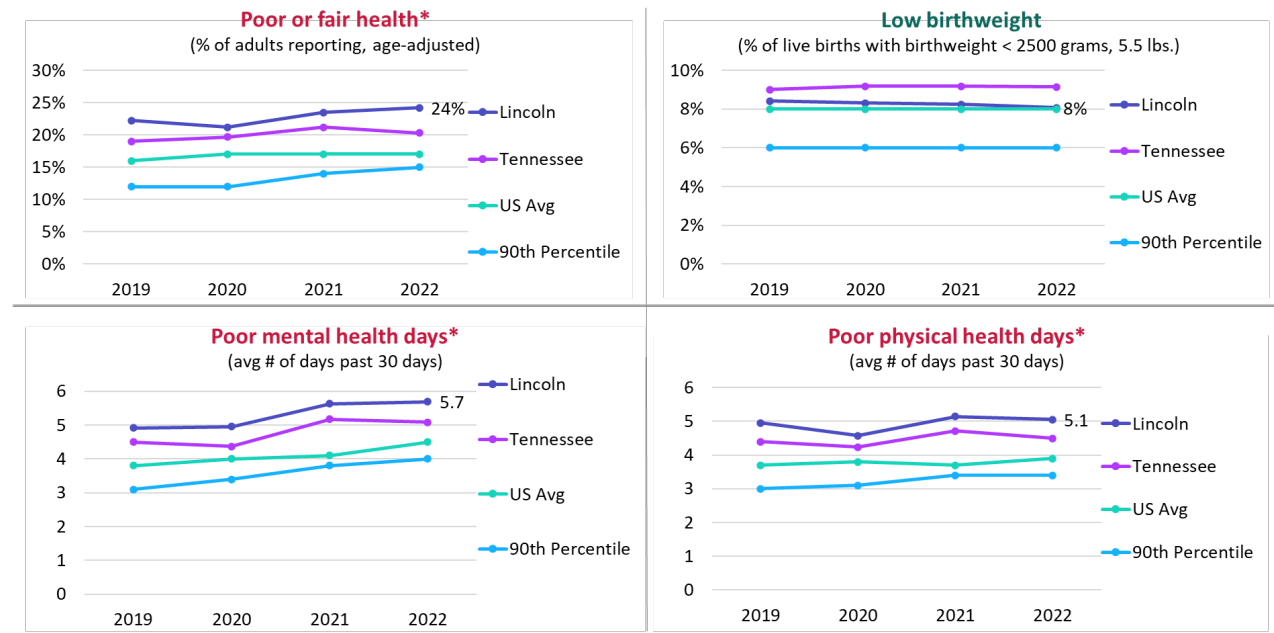
Lincoln County's suicide rate was above TN and the U.S.; however, the trend is declining.

Source(s): Wonder CDC.gov (2019) Age-adjusted rates per 100,000 population. Age Adjustment Uses 2000 Standard Population.



## Quality of Life

Quality of life was measured by: % reporting fair or poor health, the average number of poor physical health days and poor mental health days in the past 30 days, and % of live births with birthweight less than 2500 grams, or 5.5 lbs. Lincoln County ranked 26th in quality of life out of 95 Tennessee counties. Quality of life and health behaviors both ranked 26 out of 95 counties and are the highest (best) ranks of all the categories for Lincoln County.



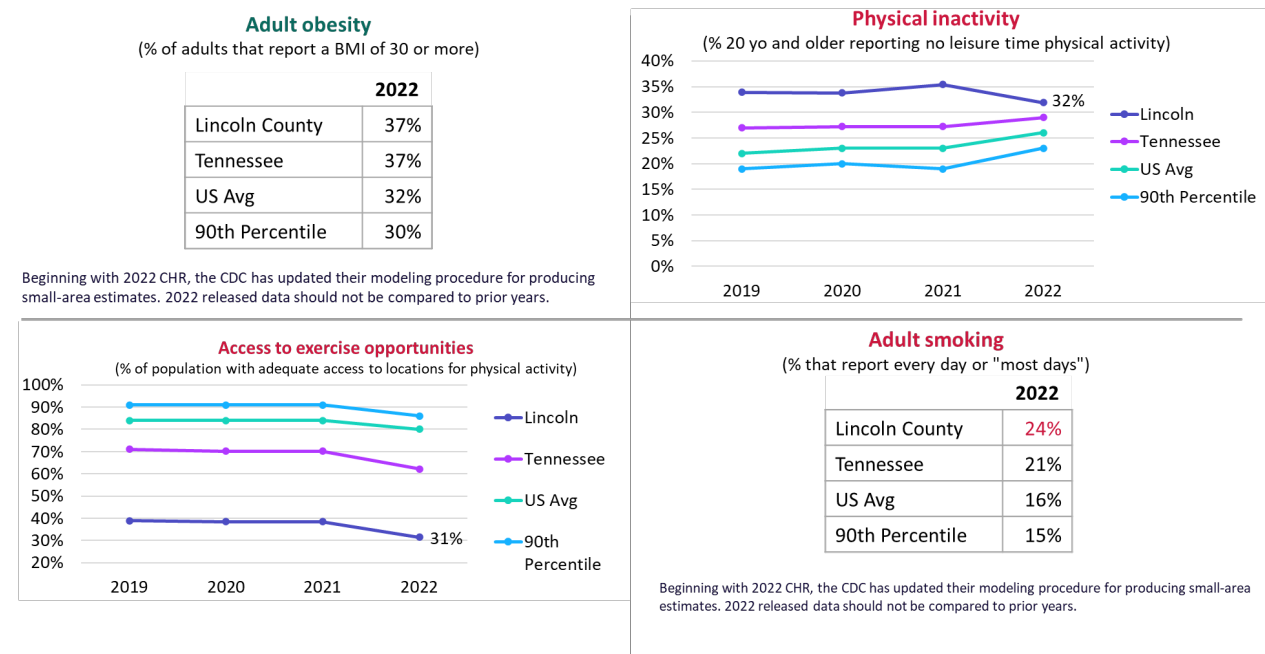
Source: County Health Rankings; Behavioral Risk Factor Surveillance System (BRFSS) 2019  
Source: County Health Rankings; National Center for Health Statistics – Natality files (2014-2020)

## Health Factors or Determinants

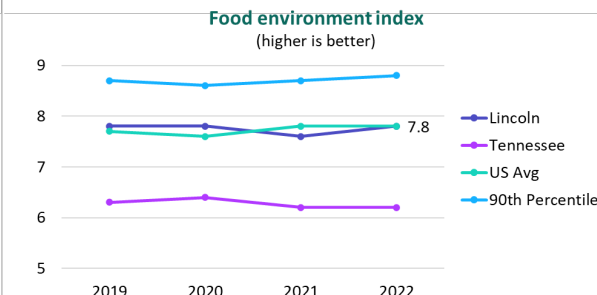
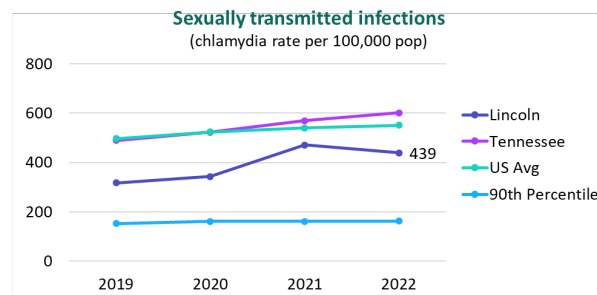
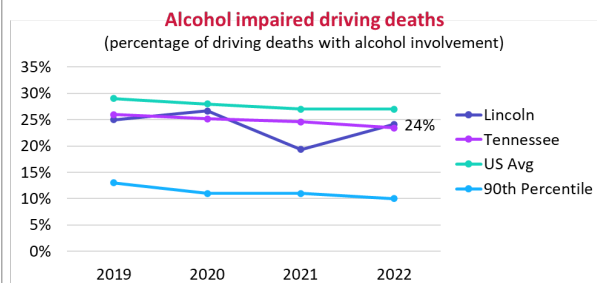
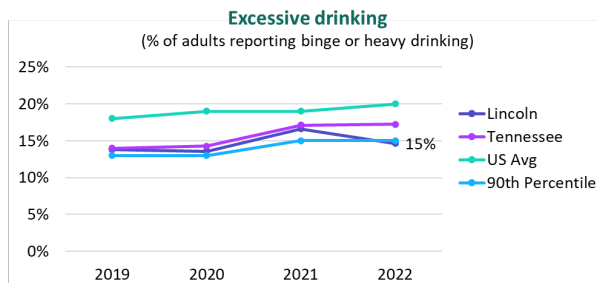
Health factors or determinants rankings are comprised of measures related to health behaviors (30%), clinical care (20%), social & economic factors (40%), and physical environment (10%). Lincoln County ranked 36<sup>th</sup> in health factors out of 95 Tennessee counties.

## Health Behaviors

Health behaviors are made up of nine measures and account for 30% of the county rankings. Lincoln County ranked 26<sup>th</sup> in health behaviors out of 95 counties in Tennessee. Although Lincoln County's percentage of obesity was 37%, which is high, the percentage is equal to TN. Lincoln County's health behavior issues are physical inactivity, access to exercise opportunities, smoking, alcohol impaired driving deaths, and teen birth rate.

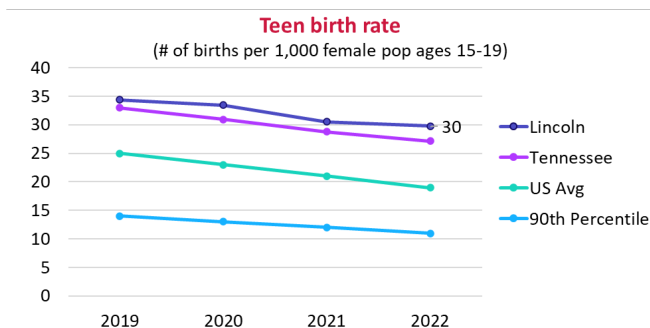


Source: Obesity & Physical Inactivity – CHR, Behavioral Risk Factor Surveillance System, 2019  
 Source: Access to exercise opportunities – CHR, Business Analyst, Delorme map data, Esri, & US Census Tigerline Files, 2010 and 2021. Measures the percentage of individuals in a County who live reasonably close to a location for physical activity, defined as parks or recreational facilities (local, state national parks, gyms, community centers, YMCAs, dance studios and pools based on SIC codes)  
 Source: Smoking - CHR; Behavioral Risk Factor Surveillance System (BRFSS), 2019



Source: Excessive drinking - CHR; Behavioral Risk Factor Surveillance System (BRFSS), 2019  
 Source: Alcohol-impaired driving deaths - CHR; Fatality Analysis Reporting System, 2016-2020  
 Source: STIs - CHR; National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention, 2019  
 Source: Food environment: CHR; USDA Food Environment Atlas, Map the Meal Gap from Feeding America, 2019

The food environment index is comprised of % of the population with limited access to healthy foods and % of the population with food insecurity. Limited access to foods estimates the % of the population who are low income and do not live close to a grocery store. Food insecurity is the % of the population who did not have access to a reliable source of food during the past year.



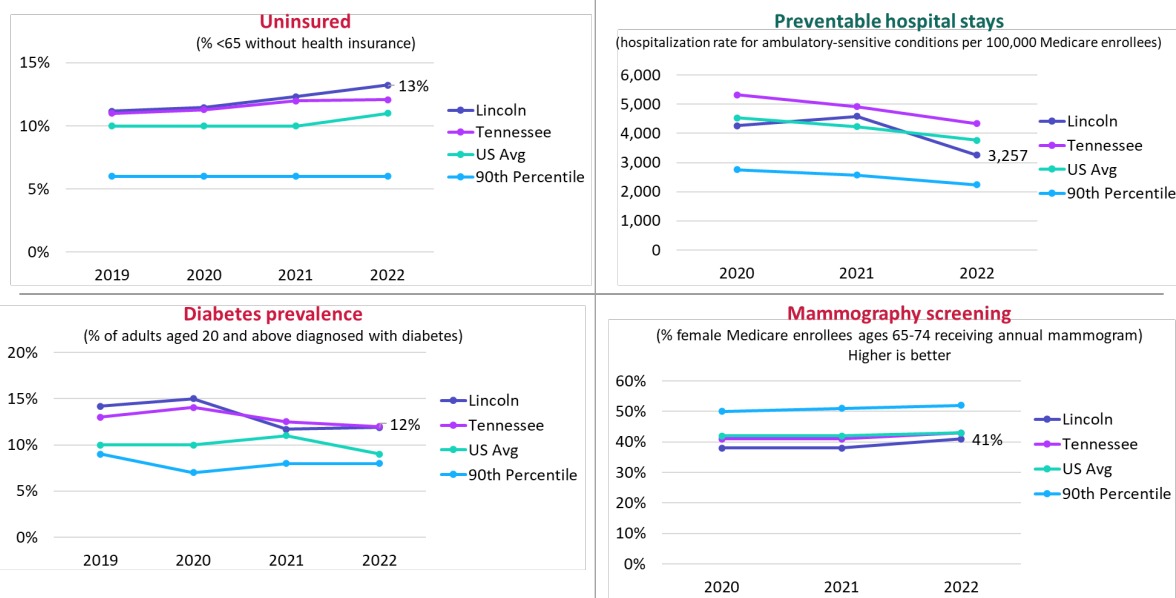
**Teen birth rate**  
(# of births per 1,000 female pop ages 15-19)

Lincoln County		2021
Asian		NR
Black		46
Hispanic		44
White		28

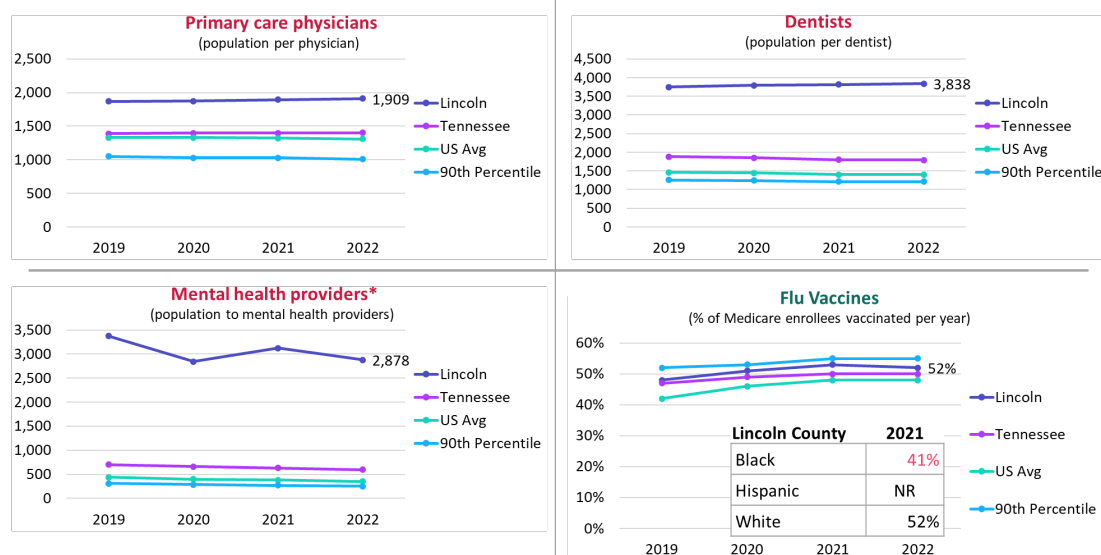
Source: Teen birth rate - CHR; National Center for Health Statistics - Natality files, 2014-2020

## Clinical Care

Clinical care ranking is made up of seven indicators, and account for 20% of the county rankings. Lincoln County ranked 30<sup>th</sup> in clinical care out of 95 Tennessee counties. The clinical care issues are the higher uninsured, diabetes prevalence, mammography screening, high population to primary care physicians, dentists and mental health providers. Although Lincoln County had a higher percentage of flu vaccinations than TN, the COVID-19 vaccination rate was lower than TN.



Source: Uninsured - CHR; Small Area Health Insurance Estimates, 2019  
Source: Preventable hospital stays, mammography screening, flu vaccinations – CHR, CMS Mapping Medicare Disparities Tool, 2019



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Source: Pop to PCP - CHR; Area Health Resource File/American Medical Association, 2019  
Source: Pop to Dentists - CHR; Area Health Resource File/National Provider Identification file, 2020  
Source: Pop to mental health provider (psychiatrists, psychologists, licensed clinical social workers, counselors, marriage and family therapists and advanced practice nurses specializing in mental health) CHR; CMS, National Provider Identification, 2021  
Source: Diabetes prevalence – Behavioral Risk Factor Surveillance System, 2019

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## COVID-19 Vaccination Rates

Geography	% Fully Vaccinated
Lincoln County	47%
Tennessee	55%
U.S.	67%

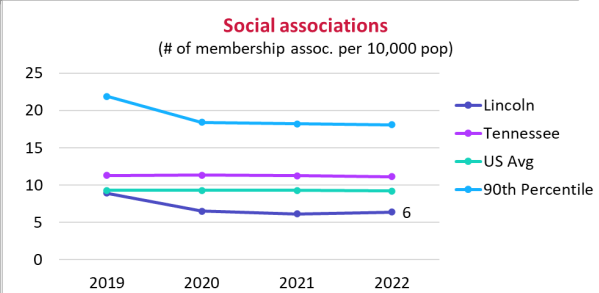
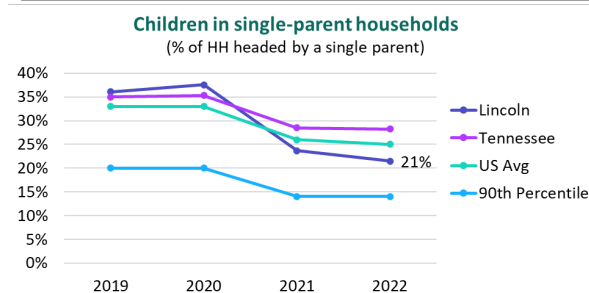
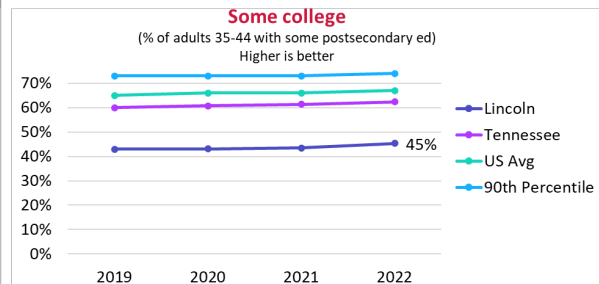
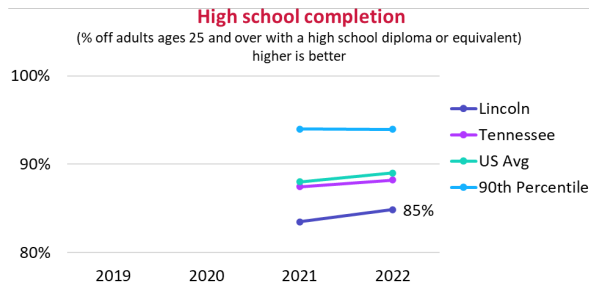
As of 2/16/23

Source: covidactnow.org



## Social and Economic Factors

Social and economic factors account for 40% of the county rankings. There are eight measures in the social and economic factors category. Lincoln County ranked 61<sup>st</sup> in social and economic factors out of 95 Tennessee counties. The social and economic opportunities for improvement were high school completion, some college, and social associations.

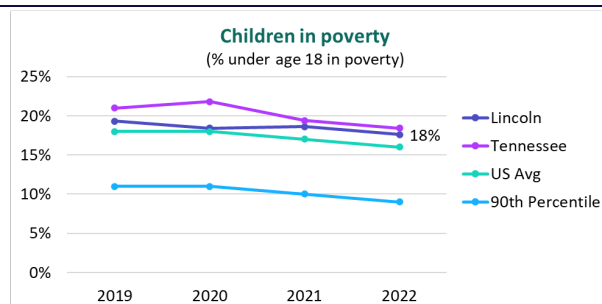


Source: High school completion - CHR; American Community Survey, 5-yr estimates, 2016-2020

Source: Some college CHR; American Community Survey, 5-year estimates, 2016-2020.

Source: Children in poverty - CHR; U.S. Census, Small area Income and Poverty Estimates, 2020

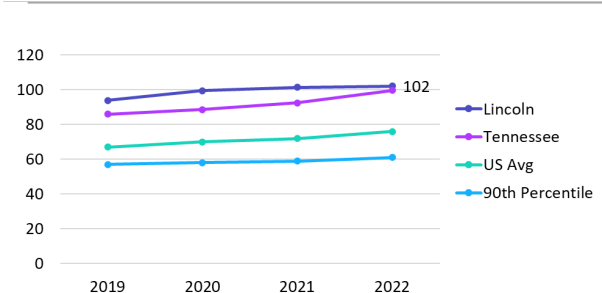
Source: Social associations - CHR; County Business Patterns, 2019



**Children in poverty**  
(% under age 18 in poverty)

Lincoln County		2022
American Indian & Alaska Native		NR
Asian		NR
Black		9%
Hispanic		14%
White		13%

59% of children are eligible for free or reduced-price lunches 2020-2021, compared to 41% for TN



**Injury deaths**  
(Injury mortality per 100,000)

Lincoln County		2022
American Indian & Alaska Native		NR
Asian		NR
Black		NR
Hispanic		NR
White		NR

Source: Income inequality and children in single-parent households - CHR; American Community Survey, 5-year estimates 2016-2020

Source: Injury deaths – CHR; National Center for Health Statistics – Mortality Files, 2016-2020

Source: Violent crime - CHR; Uniform Crime Reporting – FBI, 2014 & 2016

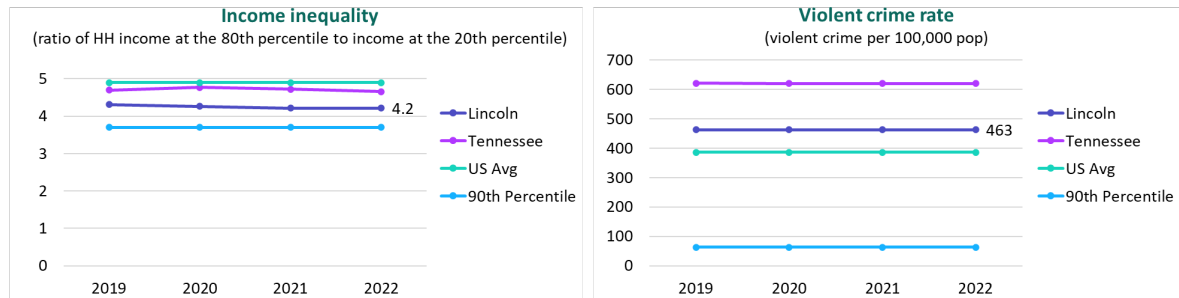
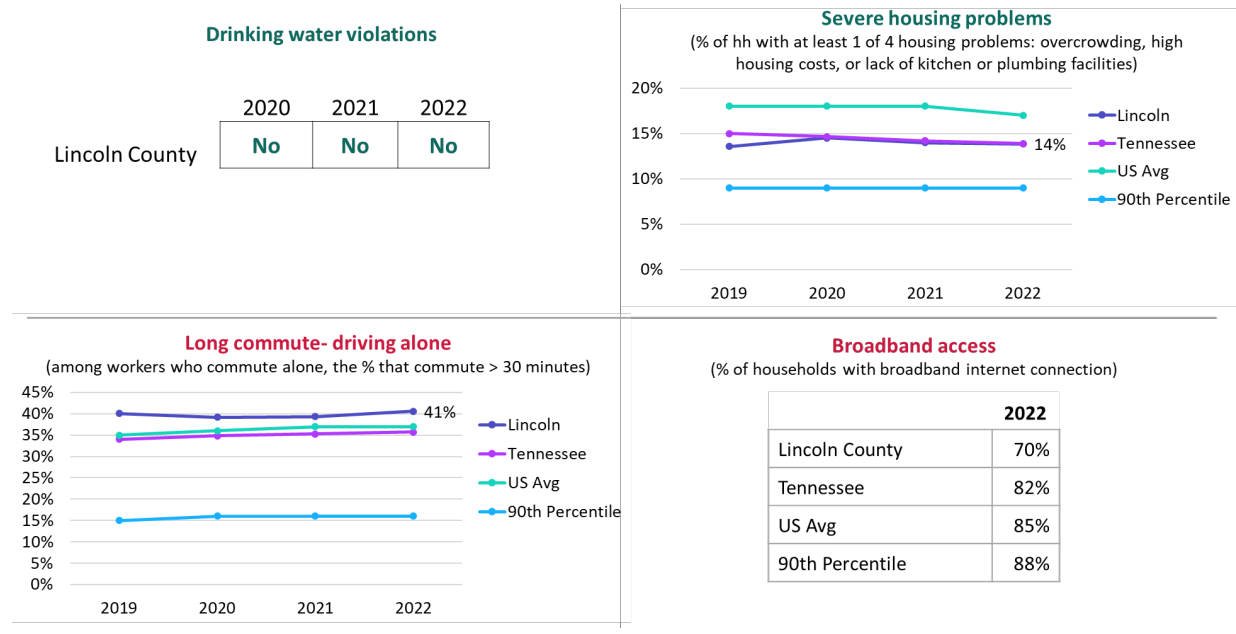


Photo Credit: Fayetteville Lincoln County Chamber of Commerce

## Physical Environment

Physical environment contains four measures in the category and accounts for 10% of the county rankings. Lincoln County ranked 70<sup>th</sup> in physical environment out of 95 Tennessee counties. The concerns were long commute-driving alone and broadband access.



Source: Drinking water violations – County Health Rankings; EPA, Safe Drinking Water Information System, 2020 Source: Severe housing problems – County Health Rankings; HUD Comprehensive Housing Affordability Strategy data, 2014-2018. Source: Driving alone to work and long commute – County Health Rankings: American Community Survey, 5-year estimates, 2016-2020. Source: Air pollution – County Health Rankings: CDC National Environmental Health Tracking Network, 2018

Source: Broadband access – CHR; American Community Survey, 5-yr estimates, 2016-2020

## Summary of Most Significant Health Needs from all Sources

Below is a summary of the significant health needs identified by the TN Department of Health, the Lincoln County Health Department, the Lincoln County secondary data, and the two focus group responses. The health issues are color coded across the sources for easier analysis. The leadership team used this analysis to prioritize the most significant health issues in the county.

TN Dept of Health	Lincoln Co Dept of Health	Secondary Data	Focus Groups
<ul style="list-style-type: none"> <li>- Decrease youth obesity</li> <li>- Decrease tobacco use</li> <li>- Decrease substance misuse</li> <li>- Prevent and mitigate adverse child experiences</li> <li>- Improve primary care access</li> <li>- Leverage Innovation: telehealth</li> </ul>	<ul style="list-style-type: none"> <li>- Substance misuse</li> <li>- Mental health</li> </ul>	<ul style="list-style-type: none"> <li>- Adult smoking</li> <li>- Adult obesity</li> <li>- Uninsured</li> <li>- High school completion</li> <li>- Some college</li> <li>- Violent crime</li> <li>- Provider capacity</li> </ul>	<ul style="list-style-type: none"> <li>- Mental health – suicide, depression, dementia</li> <li>- Obesity - poor eating habits</li> <li>- Access to healthcare – primary care, specialists, dentists, cost of care</li> <li>- Substance misuse</li> <li>- Socioeconomics, low income</li> <li>- Poor education</li> <li>- Housing issues – unhoused, mold</li> <li>- Healthy, safe youth activities</li> <li>- Preventative care</li> <li>- Health education and literacy</li> </ul>
Green = access; blue = healthy weight; purple = substance misuse; orange = SDOH; teal = mental health; gray= other			





Photo Credit: Fayetteville Lincoln Chamber of Commerce

## Results of the CHNA: Prioritized Health Needs



## Prioritization Criteria

The hospital leadership reviewed the community health information and used the criteria below to prioritize the health needs in the community.

Magnitude	How big is the problem? How many individuals does the problem affect, either actually or potentially?
Seriousness of the Consequences	What would happen if the issue were not made a priority?
Equity	Does this affect one group more than others?
Feasibility	Is the problem preventable? How much change can be made? What is the community's capacity to address it?

## Most Significant Community Health Needs

The hospital leadership reviewed the community health information and used the criteria above to prioritize the health needs in the community.

1. Mental health – 13 votes
2. Healthy weight – 12 votes
3. Substance use – 11 votes
4. Social determinants of health – 10 votes
5. Access to care – 8 votes

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## Impact of 2020 CHNA and Implementation Plan

In 2020, HH Health System-Lincoln, Inc. formerly known as Lincoln Health System was a county-owned facility and were not required to complete a CHNA. They became a 501(c)3 in 2022.



*Photo Credit: Fayetteville TN Parks and Rec*

## Appendices

1. Focus Group Summary
2. Community Asset Inventory

## 1. Focus Group Results

Community stakeholders representing the broad interests of the community as well as those representing low income, medically underserved, and minority populations participated in two focus groups on February 23, 2023, for their input into the community's health. Community participation in the focus groups represented a broad range of interests and backgrounds. Below is a summary of the focus groups.

### 1. How do you define health?

- State of wellbeing - physical, emotional, spiritual, mental
- Enough wellbeing to fulfill daily obligations
- Good quality of life
- Not being at the hospital, or funeral home
- Environment

### 2. For the purposes of this Community Health Needs Analysis, the community is Lincoln County, in your opinion how would you describe the health of your community?

- Poor, in need of improvement, unhealthy
- Fair - not the bottom, room for improvement
- Wide range on a continuum
- Rebounding-coming back from pandemic in a good way
- Lacking in some areas
  - Challenges, some bad
  - Students get meals at school shower, hygiene items, significant number in that boat
  - Very underprivileged areas in the community who have nothing

### 3. What are the biggest health concerns or issues for the communities today?

- Mental health, availability of mental health care
- Lack of mental health resources
  - Contributes to other issues; trauma contributes to other issues
  - Lack of services mental health for children, have to travel to Tullahoma
  - Mental health counseling 6-8 month waits
  - Mental health makes it hard on law enforcement –
    - They're not criminals, & they don't get the care they need
    - Family feels they're loved one is being punished for being mentally ill
- Substance abuse
  - Teens, in schools, seeking Narcan
  - Meth, alcohol, prescription, fentanyl, vaping, nicotine use leads to cardiovascular issues
  - No resources here, must send to Huntsville
- Homeless
  - Need low-cost housing
- Poor eating habits/obesity
  - Lack of money to eat healthy
  - Processed food
  - Education and knowing what is healthy. Difference in knowing and doing
  - Balance, moderation difficult



- Access to healthcare
  - Doctor availability
  - Specialists-GI
  - Hard to get into physicians with insurance so probably harder for TennCare or uninsured
    - Reason Fast Paces are popping up. Only 2 physicians who see TennCare for deliveries
  - Dental health issues
    - Not available at the local health department
    - Maury Co has dental in their health department
    - Children with TennCare-not enough dental providers
- Healthy, safe youth activities outdoors are available
  - Trails, public, staffed place to gather
- Undiagnosed issues
  - HBP, diabetes, issues beginning early
  - Strokes, heart attacks if not taken care of early, get more severe
- Poor education leads to poor decision-making, poor diet
- Parenting, time - must take off work to take kids to the doctor. Parents could notice issues in kids
- Socioeconomics has a lot to do with health status. May not have health insurance
- Young adults push back health care concerns
- Staffing shortages- Dentists, doctors, drivers, everywhere

**4. What are the most important health issues facing various populations including medically underserved, low-income populations?**

- 2 physicians who see TennCare babies
- Transportation
- Cost, copay, high deductible health plan gap, medications, ability to take off work
  - Uninsured & underinsured
- Access to regular physician, prevention
  - Low-income students, do not receive regular care and go to urgent care
  - ER used as walk-in clinic
  - No weekend care
- Lack of health education
- Need nutrition education
  - Access to healthy food, lack of grocery stores with wide variety of foods
- Single parent households, both parents working.
  - Participated in a poverty simulation and it was eye opening.
- Low-income
  - Hygiene
  - Hunger in Kids

**5. What are the most important health issues facing various populations including minority populations?**

- Language services, Spanish interpreters not available
  - Non-English speaking

- Reluctant to seek care, fear
  - Language barriers
  - Hispanic families cannot navigate the system
  - ESL class, don't know where to go for resources
- Lack of insurance

**6. What are the most important health issues facing children?**

**Mental health**

- Teen suicide
  - Depression
  - Social media
  - Need mental health in schools, trauma exposed
- Poor parenting
- Poor decisions with alcohol, accidents, traumatic injuries, awareness
- Healthcare
  - Forensic medical exams at hospital make sure kids are getting all the services they need
  - Hospital open house-Kids activities, free blood pressure
- Childcare after school
- Need a recreation center for youth or place to gather with programming

**7. What are the most important health issues facing seniors?**

- Mental health
  - Seniors-older white men suicides
  - Depression, isolation, effect of chronic diseases
  - Dementia
- Not enough resources
- Home care
- Cost of medications
- Transportation
  - Travel for wound care or any specialty care. Hard for seniors to navigate
  - Getting wheelchair bound around
- People not accepting help or knowing that resources are available
- Raising grandchildren
- Log onto an app for everything, and some seniors can't fill out paperwork

**8. What environmental or social factors have the biggest impact on community health?**

- Housing
  - Mold-high claims
  - Low-income housing
  - High cost of fixing homes
  - Water damage
- Preventative care
- Economics
- Outdoor spaces
  - Nice greenway-people need and know more about it



- Kids' Park is safe & well lit, greenway could use more light
- Need more signage. Feel safe here
- Not a lot of space outside for exercise
- More focus on life sports-tennis, golf
- Focus on the younger community, biking
- Fear of running on the streets
- Where to go without gym membership?
- World problems seem to become small town problems
- Businesses moving out of "bad" part of town instead of moving into and the struggling area needs to be built up
- Lack of health literacy, no value on physical health

**9. What do you think the barriers will be to improve health in the communities?**

- Communication
- Culture
  - Been doing them the same way
  - Cycles of behavior
  - Downfall of small community - know everyone's business
- Don't value education or improvement
- Need to get rid of the stigma that getting help is weakness
- Mental health, substance use
  - Sometimes people don't know they're abusing alcohol or Adderall
- Financial - expensive to provide resources
- Start young
  - Difficult to get into the schools, schools short staffed, and get behind on their curriculum.
  - Schools don't want people coming in talking about sexual assault. Attitude of "Can't talk about that with youth"

**10. What community assets support health and wellbeing?**

- Hospital, health system, health dept, health council, everyone here at the focus group
  - Hospital-promotes health and health education
- South Central Human Resources
- Parks & Rec Dept- lots of parks & opportunity for people to be active
  - Crossroads pregnancy clinic
  - Ballpark, sports
- The Patrick Rehab and Wellness Center, fulfill their mission.
  - Silver sneakers, fitness center
- River and need more focus on the river
- Best place ever-people care and want to help
- Grow healthy food, farmers market because produce is a challenge at the grocery store
  - Expensive to be healthy
- First Saturday on the square
- Drug court
- Churches
  - Great asset, help out with homeless, food,

- Full service, transitional housing, job training, education

**11. What, if any, health inequities exist in the community?**

- Seniors are still scared to go out. Some folks will go out even if they're sick and this makes the seniors fearful to be among people.
- Can't afford not to be at work
- Black community still afraid and isolated from COVID.
- Pro or anti vaccine separates everyone, political division not ok to share
- Internet access
- Income and liquid resources
- Fear of cost-some minority populations hit harder by COVID
- Trust issues-people providing care don't look like me
  - Need more people of color in health care
- Reentry programs, job training, continued education, but hard to find employers willing to hire formerly incarcerated

**12. If you had a magic wand, what improvement activities should be a priority for the county to improve health?**

- Communication, increase public awareness
  - Lost channel 6 & people watched to get info.
  - Newspaper going away. Costs \$ to put in the newspaper
- Lower cost of services
  - Health
  - Dental
  - Copay, medication
- More transportation
- More money for services, increase taxes
- Clean and enhance parks
  - Increase funds for parks
  - Old parks need to be refreshed
  - Bring recreation up to date
- Rent controlled housing, affordable local shelter, housing, people want to help, need an outlet to pursue
- Get together more often as a group - come together & talk
- Child welfare focus
- All been on same page, coordinating care
- Mental health counsellors in all schools
- Civic center for youth and adults with a swimming pool
- CAC exam rooms and counsellors
- Repurpose buildings to have all help under one roof
  - Resource campus-one stop shop for services
  - Hard to understand all resources
  - South central HR
- Substance abuse recovery center
  - Opioids, meth opioids
- Need buy-in, health literacy, education

## 2. Community Asset Inventory

The section contains a list of community assets and resources relative to the most significant health issues that can help improve the health of the community and assist with implementation of the plan that accompanies this document. This asset inventory is not exhaustive and may have inadvertently omitted community resources. There is a form for making changes after the inventory at the end of this section.

### **Mental Health**

#### **Counseling Services**

HCMC Lake Haven Behavioral Center  
301 Tyson Avenue  
CITY, ST 38242  
(731) 644-8420

Carey Counseling Center  
408 Virginia Street  
CITY, ST 38242  
(731) 642-0521

Carey Counseling Outreach Center  
1539 ST-69  
CITY, ST 38242  
(731) 642-8994

Counseling Associates – West ST  
1117 East Wood Street  
CITY, ST 38242  
(731) 644-1089

#### **Healthy Eating/Active Living**

#### **Obesity/Diabetes Resources**

VIP Weight Loss Clinic  
1203 East Wood Street  
CITY, ST 38242  
(731) 256-0035

Lakeside Health Clinic  
813 East Wood Street  
CITY, ST 38242  
(731) 924-2000

#### **Substance Misuse**

Behavioral Health Group  
2555 East Wood Street  
CITY, ST 38242  
(731) 641-4545

Carey Counseling Center  
408 Virginia Street  
CITY, ST 38242  
(731) 642-0521

Lighthouse Recovery Services  
17503 Highland Drive  
McKenzie, ST 38201  
(731) 207-1101

Phases to Freedom  
101 North Caldwell Street  
CITY, ST 38242  
(731) 407-4950

### **Social Determinants of Health**

#### **Transportation**

McKenzie Regional Ambulance Service  
1601 Hospital Drive  
McKenzie, ST 38201  
(731) 352-5344

West Tennessee Motor Coach  
901 Industrial Road  
CITY, ST 38242  
(731) 642-0860

Stellar Fleet Transporters of America  
804 West Wood Street  
CITY, ST 38242  
(855) 432-8805

Transportation The Wright Way  
155 Forrest Avenue  
McKenzie, ST 38201  
(731) 535-1682

#### **Free/Reduced and Low-Income Housing**

CITY Housing Authority

917 Minor Street APT A  
CITY, ST 38242  
(731) 642-4451

McKenzie Housing Authority  
22 West McDonald Avenue  
McKenzie, ST 38201  
(731) 352- 5335

Grace Crossing  
50 Enterprise Avenue  
CITY, ST 38242  
(731) 642-4747

Wesley Harrison Meadows Apartments  
430 Harrison Lane  
CITY, ST 38242

Tyson Park Apartments  
1044 Manley Street  
CITY, ST 38242  
(731) 642-7074

Crestview Manor Apartments  
700 Mandalay Road  
CITY  
400 Lankford Road  
CITY, ST 38242  
(731) 641-0051

Wesley Pine Ridge Apartments  
119 Wesley Drive  
CITY, ST 38242  
(731) 642-7773

Park Village Apartments  
1450 North Market Street  
CITY, ST 38242  
Courthouse Apartments  
101 West Magnolia Street  
CITY, ST 38242  
(731) 444-4466

Grove Park Apartments  
345 Harrison Street  
CITY, ST 38242  
(731) 644-2200

Southwood Apartments  
1401 Highway 641 South  
CITY, ST 38242

(731) 644-1497

Sunrise Village Apartments  
166 Wood Avenue Unit # C-9  
Camden, ST 38320  
(731) 584-6131

Public Assistance  
1023 Mineral Wells Avenue  
CITY, ST 38242  
(731) 644-7350

### **Income/Employment**

Express Employment Professionals  
810 East Wood Street #A  
CITY, ST 38242  
(731) 641-1230

Manpower  
209 West Wood Street  
CITY, ST 38242  
(731) 642-0001

American Job Center-CITY  
55 Jones Bend Road  
CITY, ST 38242  
(731) 641-1020

Hamilton-Ryker  
1023 Mineral Wells Avenue STE D  
CITY, ST 38242  
(731) 644-2373  
AtWork Personnel  
124 West Washington Street  
CITY, ST 38242  
(731) 407-7792

Labor & Workforce Development  
1023 Mineral Wells Avenue #F  
CITY, ST 38242  
(731) 644-7355

Workforce Essentials INC  
55 Jones Bend Road Extended #24  
CITY, ST 38242  
(731) 641-1020

### **Food Insecurity**

CITY Lincoln County Food Bank  
55 Jones Bend Road Extended  
CITY, ST 38242

(731) 642-3172

Lincoln Department of Health & Human Services  
1023 Mineral Wells Avenue  
CITY, ST 38242  
(731) 644-7350

Grace Episcopal Church  
103 South Poplar Street  
CITY, ST 38242  
(731) 642-1721

### **Education**

Lincoln County School District  
217 Grove Boulevard #1  
CITY, ST 38242  
(731) 642-9733

Lakewood Elementary School  
6745 Highway 79 North  
Buchanan, ST 38222  
(731) 644-1600

Dorothy & Noble Harrelson School  
143 Puryear Country Club Road  
Puryear, ST 38251  
(731) 247-3152

### **Access to Health Care/Insurance**

#### **Health Departments**

Lincoln County Health Department  
803 Joy Street  
CITY, ST 38242  
(731) 642-4025

#### **Hospitals**

HH Health System-Lincoln  
301 Tyson Avenue  
CITY, ST 38242  
(731) 642-1220

#### **Clinics**

CITY Lincoln County Clinic SC  
305 Tyson Avenue  
CITY, ST 38242  
(731) 642-0025

Lakeside Health Clinic  
813 East Wood Street

CITY, ST 38242  
(731) 924-2000

East Wood Clinic  
1323 East Wood Street  
CITY, ST 38242  
(731) 642-2011

Eagle Creek Clinic  
14201 US-79 North Unit  
Buchanan, ST 38222  
(731) 407-7013

Barton Family Health Clinic  
60 Fairgrounds Road  
CITY, ST 38242  
(731) 407-9300

Realfoot Family Walk-In Clinic  
193 Jim Adams Drive  
CITY, ST 38242  
(731) 924-9992

The Neighborhood Clinic, PLLC  
201 North Brewer Street  
CITY, ST 38242  
(731) 415-3574

#### **Insurance Assistance**

Bruce Smith Agency  
849 Volunteer Drive #9  
CITY, ST 38242  
(731) 642-0034

Woodson Associates  
15140 Highland Drive  
McKenzie, ST 38201  
(731) 207-4503

Consolidated Insurance Company  
64 Commerce Street  
CITY, ST 38242  
(731) 642-5281

Farm Bureau Insurance  
406 North Poplar Street  
CITY, ST 38242  
(731) 642-9082



## Sources

Access to Health Care/Insurance Assistance

<https://www.hcmc-tn.org/>

<https://www.countyoffice.org/henry-county-health-department-CITY-tn-ce6/>

Mental Health Services

<https://www.hcmc-tn.org/>

<https://www.countyoffice.org/henry-county-health-department-CITY-tn-ce6/>

<https://www.hcmc-tn.org/health-service/behavioral-health-initiative/>

Healthy Eating Active Living

<https://www.hcmc-tn.org/>

<https://vipweightlosscenters.com/>

<http://lakesidehealthclinic.com/>

Social Determinants of Health

<https://www.henryk12.net/>

<https://www.countyoffice.org/henry-county-health-department-CITY-tn-ce6/>

<https://henrycountyttn.org/>

Substance Misuse

<https://www.hcmc-tn.org/>

<https://www.bhgrecovey.com/locations/CITY>

<https://www.careycounselingcenter.org/>

## Change Form

To update or add information, complete the form below

Name of Organization:

Contact Name:

Phone #:

Fax #:

Email:

Web page:

Mailing Address:

List services:

Please describe your organization's purpose, services, etc.

Submit updated information to:  
Lincoln Medical Center Marketing Department

# Community Health Needs Assessment for Lincoln County

Completed in partnership with:

