

# Community Health Needs Assessment

| Implementation Strategy FY2019–FY2021



**WAYNE**  
MEDICAL CENTER

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# Executive Summary

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Maury Regional Health (MRH) is a not-for-profit, regional health system serving southern Middle Tennessee through its hospitals, clinics, surgery centers, outpatient facilities and physician practice group. The MRH mission is: ***To serve the people of our region with clinical excellence and compassionate care.*** MRH is committed to partnering with the providers and communities in our region to improve the overall well-being of those who call southern Middle Tennessee home.

MRH has a goal to serve as the primary resource for community health and wellness, including outreach, prevention, education and wellness opportunities. As a part of MRH's commitment to improving the community's health, a Community Health Needs Assessment (CHNA) is conducted every three years for its three hospital facilities, including Wayne Medical Center (WMC), a 25-bed hospital located in Wayne County, TN. With a better understanding of the community's needs, strategies are implemented that improve the health and wellness of the communities served.

WMC's CHNA is an organized, formal approach to identify and address the health needs of the communities. These comprehensive assessments include the collection of data from primary sources (key informants in Wayne County through an interview process) and secondary sources (publicly available data sources). Upon review, analysis, and prioritization of the 2019 CHNA findings, the primary and secondary priority areas to be addressed in 2019-2021 are noted below. Responding to needs identified in the 2019 CHNA, this document outlines the 2019-2021 strategies identified to address these priority areas:

## Primary Priority Areas

1. Transportation/Access to Health Care
2. Opioid Crisis

## Secondary Priority Areas

1. Education
2. Obesity
3. Exercise and Nutrition
4. Heart Disease

# COMMUNITY PROFILE

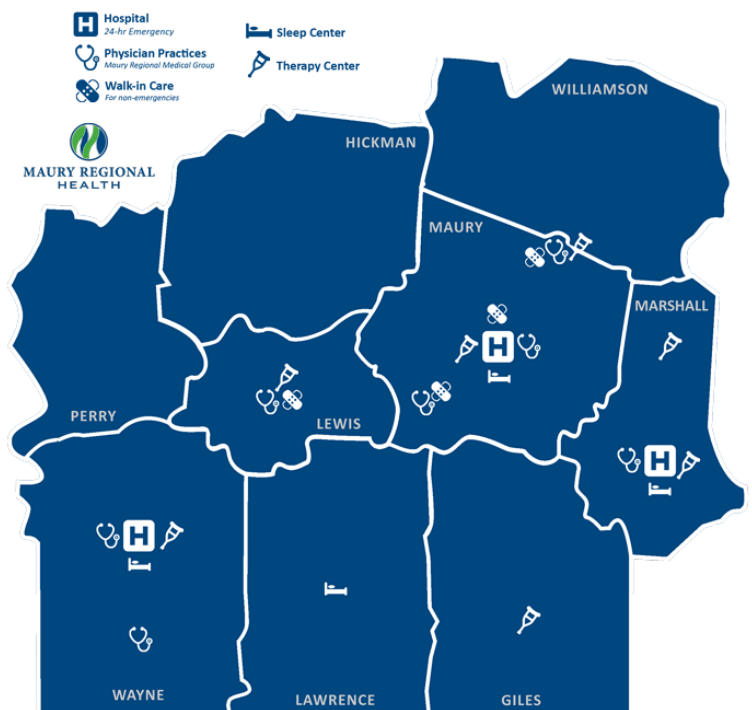
MRH is the largest health care provider between Nashville, Tennessee and Huntsville, Alabama, and has a primary service area consisting of Maury, Marshall, Giles, Lawrence and Lewis counties in Middle Tennessee. MRH is a not-for-profit, regional health system serving southern Middle Tennessee through its hospitals, clinics, surgery centers, outpatient facilities, and physician practice group. A six-time IBM Watson Health 15 Top Health System, the organization is committed to providing innovative services by combining convenient and affordable access with skilled and compassionate patient care. The health system's facilities include:

- Maury Regional Medical Center: 255-bed facility in Columbia, TN and the flagship hospital for Maury Regional Health
- Marshall Medical Center: 25-bed facility designated as a critical access hospital in Lewisburg, TN, offering a 24-hour emergency department and inpatient care, along with a wide range of outpatient services
- Wayne Medical Center: 25-bed hospital in Waynesboro, TN, offering a wide range of inpatient and outpatient services, including 24-hour emergency care

MRH also has a network of physicians, Maury Regional Medical Group (MRMG), which includes both family medicine physicians for primary care services and a vast array of specialists. With more than 70 providers across southern middle Tennessee, MRMG offers a variety of services, including walk-in clinics, disease management, immunizations and wellness exams.

MRH also operates Lewis Health Center which is designated as a Federally Qualified Health Center (FQHC), along with four primary care practices, offering health care services at a discounted fee to those who ~~financially~~ qualify. Among the practices with FQHC designation is Primary Care-Waynesboro in Wayne County.

WMC provides a full range of healthcare services to those within the community served and has been offering quality care to the residents of Waynesboro, Collinwood, Clifton and the surrounding areas for more than 50 years. The hospital has approximately 160 employees and is licensed for 25 beds. The services available include: 24 hour emergency care, diagnostic imaging, emergency medical services, infusion therapy, endoscopy, laboratory services, physician specialist clinic, respiratory care services, physical therapy, a sleep center, surgical services, swing beds for inpatient rehabilitation, and wellness screenings. Members of the medical staff include those whose practices are located in Wayne County, those who are hospital-based and physician specialists primarily serving on the medical staff at the system's flagship facility, Maury Regional Medical Center. In addition, specialists from other practices or systems see patients in the WMC Specialty Clinic.



While the MRH system conducted CHNAs in several counties, the WMC CHNA was specific to Wayne County. However, a system approach is used to pool resources for implementation strategies in an effort to have the greatest impact on the population served throughout the service area. Below are demographics for these counties with further specifics outline for Wayne County.

These counties are rural and geographically dispersed. Commonly, rural populations are more likely to be poorer, sicker, older, uninsured, and medically underserved than urban populations. Health needs are met by a mix of hospital systems and services, private practices, rural health clinics, and FQHC, and other community based organizations. Maury Regional Health works collaboratively with internal and external stakeholders to drive initiatives within the hospital and the community that will positively impact the health and wellness of the community served. The health system will continue its work to develop and sustain these partnerships that address the health needs identified within the CHNA.

Maury Regional Health Service Area Demographics						
Fact	Maury County	Lewis County	Marshall County	Wayne County	State of Tennessee	United States
Population estimates, July 2019	96,387	12,268	34,375	16,673	6,829,174	328,239,523
Persons under 18 years, percent	23.30%	21.90%	23.10%	16.60%	22.10%	22.30%
Persons 65 years and over, percent	16.30%	21.30%	16.40%	19.90%	16.70%	16.50%
Median household income (in 2019 dollars), 2015-2019	\$57,170	\$37,277	\$53,197	\$41,427	\$53,320	\$62,843
Poverty in poverty	8.50%	15.20%	13.10%	17.30%	13.90%	11.40%
High school graduate or higher, percent of persons age 25 years+, 2015-2019	90.20%	84.30%	85.40%	80.20%	87.50%	88.00%
Bachelor's degree or higher, percent of persons age 25 years+, 2015-2019	23.00%	10.40%	14.70%	9.70%	27.30%	32.10%
Unemployment rate, June 2019	3.30%	4.60%	3.90%	5.20%	3.40%	3.70%

Source: U.S. Census Bureau

### **Demographics and Socioeconomics of the Community (Wayne County, TN)**

Wayne County, TN's population is 16,673, with 16.60% of the population less than 18 years of age and 19.90% age 65 and older. The median household income is \$41,427, which is low when compared to the state (\$53,320) and even lower when compared to the United States (\$62,843). Census data indicates that 17.30% of the population suffers from poverty, which is higher than the state value of 13.90% and the United States value of 11.40%. The service area's unemployment rate of 5.20% was higher than the state (3.40%) and the nation (3.70%). High school graduation rates are 80.20% which is lower than the state (87.50%) and the nation (88%). The residents with a bachelor's degree or higher are 9.70%, which is far lower than the state value of 27.30% and national level of 32.10%.

# IMPLEMENTATION STRATEGY DEVELOPMENT

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## Community Health Needs Assessment Process

Wayne Medical Center's CHNA incorporated data from both primary and secondary data sources. Primary data was gathered by interviewing four key informants from the community. These key informants belong to various government sectors, health departments or have key knowledge regarding medically underserved, low-income, or at-risk populations. An interview questionnaire comprised of twelve templated questions and a mandatory activity were used to gather the data. These key partners are:

- Wayne County Health Department (two representatives)
- Joint Economic and Community Development Board
- Wayne Medical Center

A total of 9 data sources were used to gather secondary data. These data sources allowed for comparison at state and national levels. Secondary data sources include information from:

- Community Health Needs Assessment Chittenden and Grande Isle Counties, Vermont
- Drug Investigation Division
- National Institute on Drug Abuse (NIDA)
- State Health Plan
- Drive your County to the Top Ten
- Maury Regional Medical Center Community Health Needs Assessment
- Prescription Drug Abuse and Pain Management Clinics
- U.S. Census Bureau QuickFacts: United States

## Prioritization and Response to Findings

The goal of this assessment was to identify the health needs of the above-mentioned counties and work on partnering with the community to develop an action plan to address the prioritized needs. Several health disparities, unmet needs of the community, gaps in addressing the health needs of vulnerable populations and in provision of services were identified. The big four for Tennessee are a reason for a least six of ten leading causes of death. These are:

1. Smoking
2. Obesity
3. Physical Inactivity
4. Substance Abuse

Based on the primary data gathered from interviewing the stakeholders in the community and a review of the secondary data gathered, the following list emerged as the most frequently mentioned problems in the Wayne County community. These priority areas were identified as a focus for the health system and the community:

### Primary Priority Areas:

- Transportation/Access to Health Care
- Opioid Crisis

Secondary Priority Areas:

- Education
- Obesity
- Exercise and Nutrition
- Heart Disease

**Health Needs Not Addressed**

Transportation is a priority area for the Wayne County community. This area is not directly addressed in WMC's Implementation Strategy, as the South Central TN Development District (SCTDD) manages transportation services within the community. The SCTDD contracts with transit agencies within each of its 13 counties, offering on-demand and rural public transportation services. However, lack of transportation directly impacts one's ability to access health care and the hospital will continue to focus on improving access to care for the community and work collaboratively with external agencies, such as the SCTDD, to evaluate and identify opportunities to increase access to transportation within the community served.

# Strategies and Implementation

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## Priority 1: Transportation/Access to Health Care

### Improve access to healthcare services

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- Recruit providers to Wayne County
- Establish telehealth stroke services for Wayne Medical Center Emergency Department
- Add 3D mammography service
- Health fairs
- EMS services
- Reach at-risk and underserved populations
- COVID vaccination offered in Wayne County
- Serve all patients, regardless of ability to pay

## Priority 2: Opioid Crisis

### Initiatives to address the opioid crisis

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- Evaluate and monitor opioid prescribing in the emergency room
- Offer Pain Management Services in the community
- Offer opportunity for free disposal of opioids

## Secondary Priority: Education

### Conduct educational campaigns

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- Provide education about heart attack signs/symptoms and early interventions
- Provide education about COPD
- Offer health education on a variety of topics
- Provide patient education on the management of diabetes

## Secondary priority: Obesity/Exercise/Nutrition

### Establish service/s to address obesity/exercise/nutrition

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- Launch wellness program

## Secondary priority: Heart Disease

### Improve education to the community

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- Provide support to those who want to reduce heart attack risk by stopping smoking/tobacco use
- Educate community on heart disease and signs/symptoms