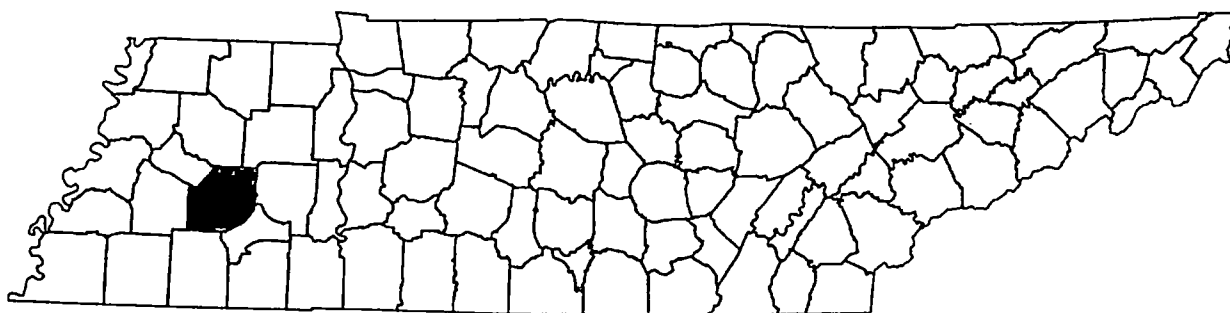


Community Health Needs Assessment

Madison County, Tennessee



Conducted by:

Community Health Institute

Victoria S. Lake

Update December 2024

**In fulfillment of requirements of the Patient Protection and Affordable Care Act
Pub.L.No.111-148, 124 Stat. 119, enacted March 23, 2010; and Department of Treasury
Internal Revenue Service 26 CFR Parts 1, 53, and 62 Additional Requirements for
Charitable Hospitals; Community Health Needs Assessments for Charitable Hospitals;
Requirements of a Section 4959 Excise Tax Return and Time for filing the Return.**

West Tennessee Healthcare Community Health Needs Assessment Summary 2024

Needs assessments were completed in fulfillment of requirements of the Patient Protection and Affordable Care Act Pub.L.No.111-148, 124 Stat. 119, enacted March 23, 2010; and Department of Treasury Internal Revenue Service 26 CFR Parts 1, 53, and 62 *Additional Requirements for Charitable Hospitals; Community Health Needs Assessments for Charitable Hospitals; Requirement of a Section 4959 Excise Tax Return and Time for filing the Return.*

Assessments were conducted for Madison, Benton, Chester, Crockett, Dyer, Gibson, Hardeman, Weakley, Henry and for Pathways as a mental health hospital. This document reflects work for the Madison County Community Health Needs Assessment. The 2024 needs assessments were update of those conducted in 2012, 2015, 2018, and 2021.

The first stage of the Update process involved gathering secondary data from multiple sources for each county. The second step in the Community Health Needs Assessment Update process consisted of creating a survey to collect data from residents on local health issues. The survey consisted of 39 questions that asked basic demographics of age, race, education level, insurance, county of residence, presence or absence of specific health issues, access to care, physical activity, and health information. Respondents were requested to answer a simple “yes” or “no” to specific health issues. Surveys were distributed at several locations, and data were requested on basic respondent demographics. The age group 51 to 64 represented 38.5 percent of respondents, followed by age 36 to 50 (32.3 percent), and age 25 to 35 and older (17.4 percent). The predominant education level is respondents with a Bachelors degree (31.3 percent), followed by advanced degree (27.6 percent) and Associates degree (19.1 percent). Over 80 percent (87.6 percent) of respondents were working full time. A majority of individuals completing the survey were women (80.4 percent), had private health insurance (64.9 percent, and were Caucasian (81.1 percent).

The survey instrument was distributed in paper form through County Health Councils and local hospitals. An online survey was also and distributed to agencies and individuals in rural west Tennessee. Data from 777 completed surveys was collected. Priority issues by Tennessee Department of Health County Health Councils were also reviewed.

Fourteen WTH staff and seven members from Quality Council were asked to serve on an Internal Committee to review secondary, survey data, and state identified issues. Upon a review of state issues, survey responses and secondary data, social determinants of health especially the following:

transportation,
housing instability
access to foods that support healthy eating patterns, food insecurity
legal issues

were identified as impacting health behaviors, overall health and priority health issues for Madison County.

Heart Disease
Chronic Obstructive Pulmonary Disease/Tobacco Use
Cerebrovascular Disease
Diabetes
Postpartum Depression

Pathways Issues

Depression
Domestic Violence/Anger Management
Co-Occurring Mental Health & Substance Abuse
Alcohol, Drug, and Prescription Drug Abuse (emphasis on Opioid Crisis)
Suicide

Introduction

Under the leadership of Jackson-Madison County General Hospital, a community health needs assessment was conducted in 2024. The needs assessment was completed in fulfillment of requirements of the Patient Protection and Affordable Care Act Pub.L.No.111-148, 124 Stat. 119, enacted March 23, 2010; and Department of Treasury Internal Revenue Service 26 CFR Parts 1, 53, and 62 *Additional Requirements for Charitable Hospitals; Community Health Needs Assessments for Charitable Hospitals; Requirement of a Section 4959 Excise Tax Return and Time for filing the Return.*

This 2024 needs assessment is an update of those conducted in 2012, 2015, 2018, and 2021. The process used to conduct this limited assessment is described in the following pages.

Description of the Hospital and Community

Owned by the Jackson-Madison County General Hospital District, the Jackson-Madison County General Hospital was created by the Tennessee General Assembly through a Private Act in 1949. The Hospital opened on August 11, 1950 with 123 beds. In 2018, the District acquired the former Regional Hospital of Jackson from Community Health Systems, Inc. Renamed West Tennessee Healthcare North Hospital with 150 licensed beds, it is a satellite hospital of Jackson - Madison County General Hospital. Jackson General, at 620 Skyline Drive is licensed for 621 beds, and together both facilities, 771 beds. Jackson-Madison County General Hospital serves patients and families through the Tennessee Heart and Vascular Center, Alice and Carl Kirkland Cancer Center, Ayers Children's Medical Center, West Tennessee Women's Center, West Tennessee Neuroscience and Spine Center, and Emergency Services. Jackson-Madison County General Hospital is a public, not-for-profit organization with approximately 6,100 employees. The Hospital is licensed by the State of Tennessee Department of Health and is fully accredited by The Joint Commission.

The Private Act, 1949 specified that the Jackson-Madison County General Hospital District was "created and established for and I behalf of the City of Jackson, Tennessee, and Madison County.

With a 2023 estimated population of 99,193, Madison County is located in the center of rural West Tennessee, approximately 85 miles East of Memphis and 125 miles West of Nashville via Interstate 40. The population is 5.4 percent Hispanic, 57.9 percent Caucasian, and 38.2 percent African American. According to the U.S. Bureau of the Census (2024), 14.9 percent of persons in households have incomes below the Federal poverty level. The per capita personal income level is \$31,380. The median household income is \$55,280. The population between 18 and 64 years of age represents 59.2 percent of the total. The population age 65 and older is 18.4 percent of the total. About 10.4 percent of the population age 25 and older does not have a high school degree; 89.6 percent have a high school degree or higher; and 25.9 have a Bachelor's degree or higher. Approximately 13.0 percent of the population under age 65 have a disability.

Madison County has a wide range of advanced manufacturing industries that employ individuals living in and around Madison County. The Pringles Manufacturing Company employs 1,168 at the plant. Delta Faucet Company (1,094 employees), City of Jackson (724 employees), Stanley Black & Decker (656 employees), TBDN Tennessee Company (513 employees), Pinnacle Foods Group, LLC (500 employees), and Ascent Transportation, LLC (500 employees).

The community has eight colleges and universities: Jackson State Community College (3,442 students), Union University (2,731 students), Tennessee College of Applied Technology-Jackson (2,239 students), Lane College, a Historical Black College (1,010 students), University of Memphis Lambuth (1,000+ students), Bethel University and University of Tennessee Martin.

The county seat of Madison County is Jackson, Tennessee. The City of Jackson, Madison County Government, and Jackson-Madison County School System are all located in Jackson. The public school system has 26 schools, serving 11,729 schools.

Description of Community Health Needs Assessment Update Process

The mission of the Community Health Needs Assessment is to evaluate and improve the health status and wellbeing of residents in Jackson-Madison County, Tennessee with an emphasis on preventive measures. The community health needs assessment was a review of survey results and secondary data identifying state and regional health data.

The Community Health Needs Assessment had ten (10) organizational goals.

1. To form alliances between Jackson-Madison County General Hospital, non-profit organizations, and the community at large to assess, improve, and promote the community health of Jackson-Madison County, Tennessee.
2. To identify internal resources already available to assist in improving community health.
3. To assist in identifying available community resources.
4. To define “health” as it pertains to Jackson-Madison County, Tennessee.
5. To identify collaborative partners.
6. To educate and gain formal support of West Tennessee Healthcare leadership team, Board of Trustees, community leaders, and others.
7. To assist in establishing baseline health status assessment of Jackson-Madison County by collecting and reviewing available secondary data and statistics from resident surveys.
8. To assist in determining standards against which to measure current and future health status of the community.
9. To assist in communitywide establishment of health priorities and in facilitating collaborative planning, actions, and direction to improve community health status and quality of life.
10. To promote the need for ongoing evaluation of the community health assessment process to learn results, establish new goals and encourage further community action and involvement.

The first stage of the Update process involved gathering secondary data from multiple sources including the Tennessee Department of Health, County Health Rankings and Roadmaps, Tennessee Department of Economic & Community Development, Tennessee Department of

Mental Health and Substance Abuse Services, Tennessee Bureau of Investigation, Centers of Disease Control and Prevention, Tennessee Behavioral Health County and Region Services Data Book, Tennessee Department of Health. Behavioral Risk Factor Surveillance System, and Traumatic Brain Injury Program. These data are presented in **Attachment A**.

The second step in the Community Health Needs Assessment Update process consisted of creating a survey to collect data from residents on local health issues. The survey consisted of 39 questions that asked basic demographics of age, race, education level, insurance, county of residence, presence or absence of specific health issues, access to care, physical activity, and health information. Respondents were requested to answer a simple “yes” or “no” to specific health issues. **Attachment B** contains a copy of the survey instrument, and **Attachment C** has a copy of the survey results.

The survey instrument was distributed in paper form through County Health Councils and local hospitals. An online survey was also distributed to agencies and individuals in rural west Tennessee. Data from 777 completed surveys was collected.

An internal committee of West Tennessee Healthcare staff were identified to participate in the update process.

Vicki Lake	Community Health Institute
Rose Bailey	Department of Diversity, Health Equity, and Operational Excellence
Ruby Kirby	Administrator, WTH Bolivar Hospital and WTH Camden Hospital
Deena Kail	Vice President of Operations, Chief Nursing Officer
Melissa Walls	Virtual Care and Centralized Monitoring
Kim Parker	Pathways Behavioral Health Services
Tina Prescott	President and CEO
Debbie Ashworth	Case Management
Katie Chandler	Customer Support Services
James Franklin	Vice President of Operations
Teresa Freeman	Vice President, Chief Nursing Information Officer
Missy Ingle	WTH Bolivar Hospital, Patient Access Services
Tania Lambert	Customer Excellence
Donmeka Martin Mercer	Nursing

Shelley McArthur	Quality Outcomes
Tamara Moore	West Tennessee Medical Group, Quality
Clayton Phillips	Chief Information Officer
Julie Shoaf	Privacy Coordinator
Sara Skinner	WTH Bolivar Hospital, Central & Environmental Services
Jackie Taylor	Executive Vice President, Chief Physician Executive
Carie Ward	WTH Dyersburg Hospital, Quality Outcomes

Results of Survey (N=777)

Health prevalence was identified by the percentage of respondents indicating they had experienced a specific medical issue. Figure 1 contains the ranking according to prevalence among respondents.

Figure 1: Health Issue Prevalence

Allergies	53.5%	Lack of financial resources: dental care	13.9%
High Blood Pressure	37.6%	Lack of financial resources: medical care	10.0%
Arthritis	28.8%	Lack of financial resources: medications	9.8%
Stress	45.2%	Lack of transportation: medications:	2.8%
Chronic Pain	19.0%	Lack of transportation: dental care	2.6%
Diabetes	14.9%	Lack of transportation: medical care	2.8%
Eye Conditions	10.2%		
Asthma	10.0%	No access to adult or child care	51.2%
Hearing Loss	8.1%	No access to physical activity facilities	23.7%
Heart Conditions	9.3%		
Bullying	12.1%		
Autoimmune Disease	12.6%	use tobacco products	20.5%
Fall Injuries	7.9%	use vaping products	8.8%
Osteoporosis	4.4%		
COPD	1.8%	access to health information	80.1%
Stroke	1.9%	travel beyond 5 miles for healthy foods	56.1%
Dementia/Alzheimers	0.5%		

Survey Respondent Demographics

Surveys were distributed at several locations, and data were requested on basic respondent demographics. The age group 51 to 64 represented 38.5 percent of respondents, followed by age 36 to 50 (32.3 percent), and age 25 to 35 (17.4 percent) (Figure 2). The predominant education level is respondents with a Bachelors degree (31.3 percent), followed by advanced degree (27.6 percent) and Associates degree (19.1 percent) (Figure 3). Over 80 percent (87.6 percent) of respondents were working full time and 4.8 percent were retired (Figure 4). A majority of individuals completing the survey were women (80.4 percent) (Figure 5), had private health insurance (64.9 percent) (Figure 6), and were Caucasian (81.1 percent) (Figure 7).

Figure 2: Age Distribution

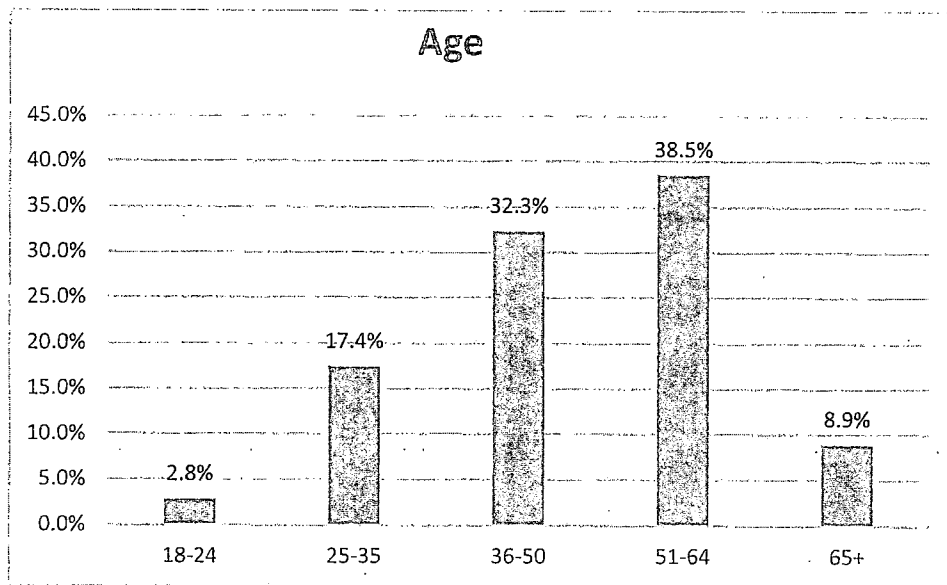


Figure 3: Education Levels

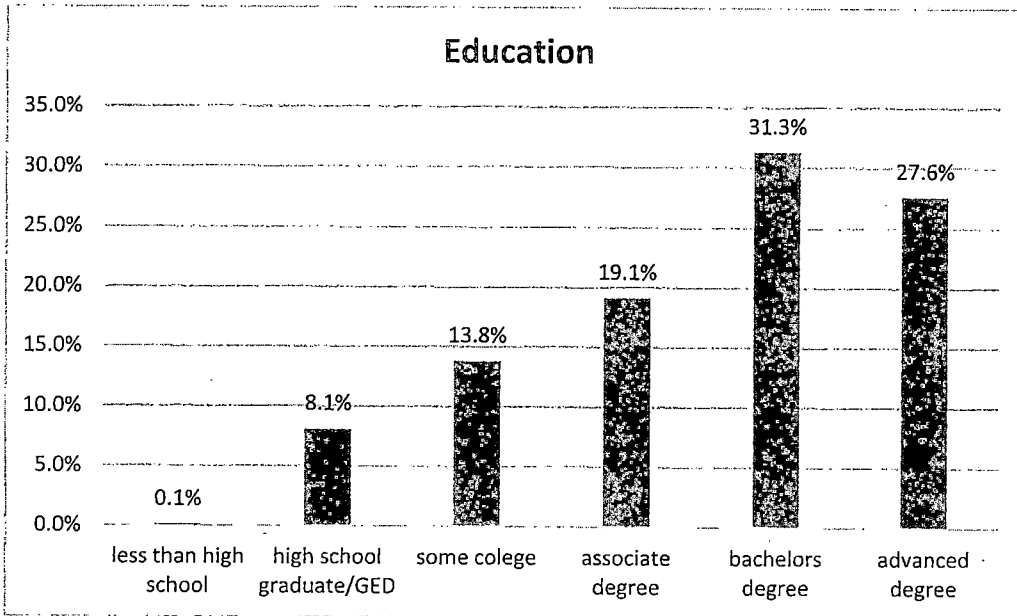


Figure 4: Employment Status

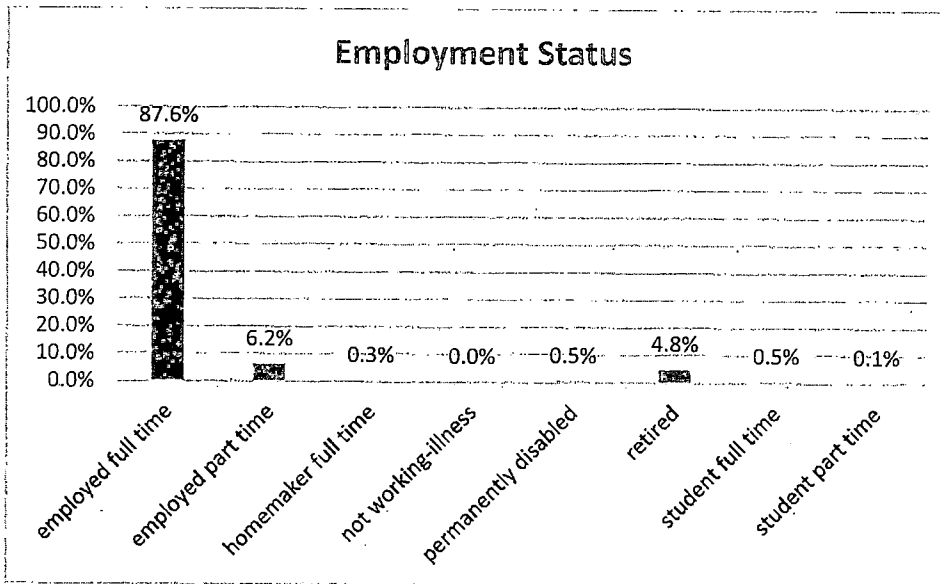


Figure 5: Gender

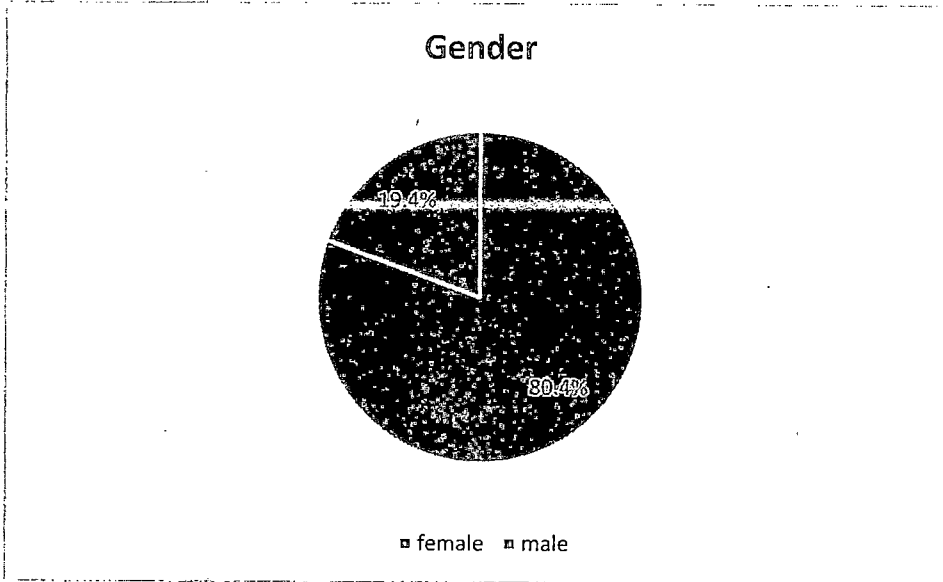


Figure 6: Insurance Coverage

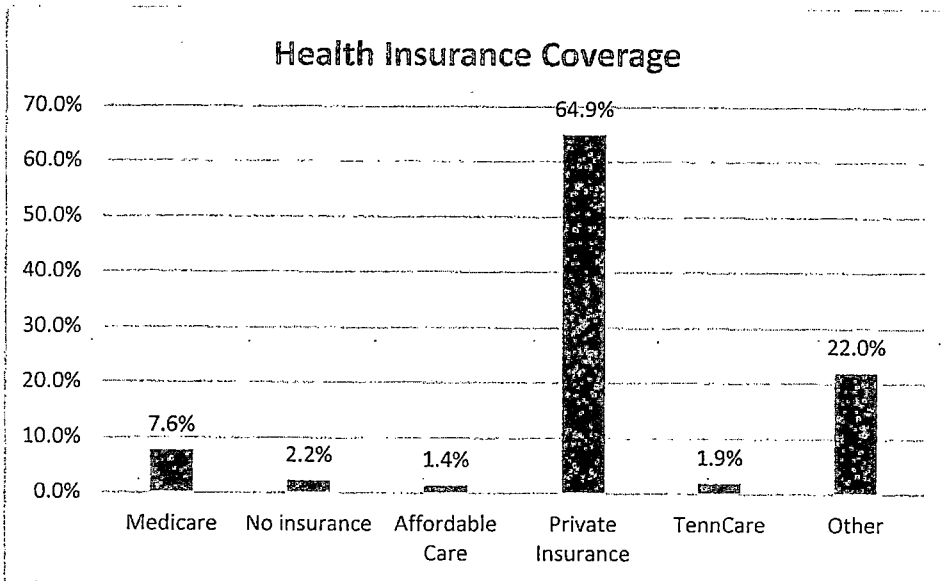
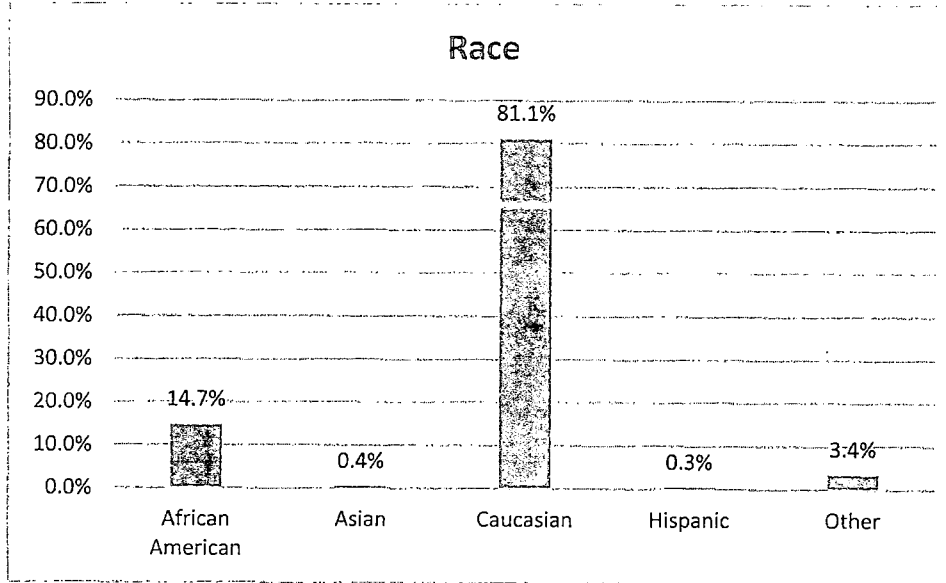


Figure 7: Race



State of Tennessee Department of Health Madison County Health Council

Each county in Tennessee has a Department of Health Council composed of community members who meet quarterly to work on identified health issues, share resources, and provide information on upcoming events. The Madison County Health Council has not identified issues to address by the community.

Results of Secondary Data Analysis

The West Tennessee Healthcare Committee reviewed secondary data, focusing on indicators where the county consistently had higher rates, percentages, volumes than the state as a whole. For Madison County, heart disease deaths, children in poverty, obesity, cerebrovascular deaths, diabetes deaths, and tobacco use were consistently higher than the State of Tennessee as a whole.

Table 1: Deaths from Diseases of the Heart Per 100,000

Death from Diseases of the Heart Per 100,000							
Rate	Madison			TN			
	Total	White	Black	Total	White	Black	
2022	314.4			265.6			
2021							
2020	270.5			260.5			
2019	271.5			246.2			
2018	251.0	253.5	268.7	242.5	263.2	199.7	
2017	270.4	305.1	233.1	238.4	259.5	193.8	
2016	252.9	302.2	190.5	232.1	249.9	196.8	
2015	271.5	293.4	238.8	237.5	252.8	190.1	
2014	223.1	269.2	163.7	232.0	250.8	189.3	
2013	211.7	251.9	160.2	226.7	245.1	183.1	
2012	222.0	263.9	167.2	220.6	241.2	165.2	
2011	240.2	288.8	175.9	221.0	239.7	175.3	
2010	251.3	312.6	176.8	228.3	254.0	181.8	
2009	229.7	261.0	176.7	228.0	241.1	185.8	
2008	224.6	245.6	188.0	238.2	250.4	199.9	
2007	213.1	223.6	196.3	233.2	244.1	201.0	

Source: Tennessee Department of Health. Totals only available 2019-2022

Table 2: Percent of Children Under 18 in Poverty

Children in Poverty-Percent of children under 18 in poverty			
	Madison		TN
2024		20	18
2023		25	18
2022		32	18
2021		29	19
2020		29	22
2019		25	21
2018		27	23
2017		29	24
2016		29	26
2015		30	27
2014		27	26
2013		32	27
2012		30	26
2011		22	22
2010		24	23

Source: University of Wisconsin County Health Rankings

Table 3: Body Mass Index Greater than 30-Overweight or Obese

Percent of Adults who have a body mass index greater than 30-overweight or obese			
	Madison		TN
2024		41	36
2023		43	36
2022		40	37
2021		40	33
2020		39	33
2019		36	33
2018		35	32
2017		34	32
2016		36	32
2015		37	32
2014		36	32
2013		34	32
2012		34	32
2011		32	31

2010

31

31

Source: University of Wisconsin County Health Rankings

Table 4: Deaths from Cerebrovascular Disease Per 100,000

Deaths from Cerebrovascular Disease per 100,000							
RATE							
	Total	Madison		Total	TN		
		White	Black		White	Black	
2022	68.5			56.0			
2021	68.9			54.1			
2020	72.2			53.3			
2019	58.2			50.3			
2018	55.3	71.2	35.3	51.7	54.5	49.9	
2017	65.5	71.1	62.3	52.4	55.2	50.1	
2016	59.4	67.3	51.7	52.8	55.1	52.6	
2015	46.6	57.5	32.6	52.2	53.9	49.8	
2014	44.8	51.1	38.2	50.7	53.1	48.4	
2013	46.6	57.5	32.6	48.1	50.5	45.8	
2012	50.7	43.7	65.8	46.3	48.6	42.9	
2011	51.9	58.4	44.7	50.1	52.8	46.2	
2010	53.9	65.3	42.1	50.1	54.3	45.6	
2009	60.0	63.7	54.8	50.6	51.9	48.2	
2008	74.9	67.3	92.5	53.6	54.3	54.2	
2007	60.0	59.8	62.3	56.3	57.9	52.5	

Source: Tennessee Department of Health. Totals only available 2019-2022

Table 5: Deaths from Diabetes

	Total	Madison		Total	TN	
		White	Black		White	Black
2022	39.3			38.6		
2021	38.5			38.4		
2020	49.8			37.6		
2019	30.6			31.6		
2018	42.0	50.4	32.6	29.9	29.4	38.0
2017	39.9	31.2	54.2	28.5	28.1	36.1
2016	33.8	31.1	40.8	28.4	27.5	37.3
2015	50.2	51.5	52.1	27.1	26.6	32.8

2014	38.7	35.8	46.4	26.3	25.8	33.5
2013	23.3	22.0	27.2	27.9	27.1	36.8
2012	34.5	26.9	49.3	28.2	27.4	36.7
2011	26.5	18.4	41.9	27.1	26.3	35.7
2010	19.3	13.7	30.9	26.4	26.4	35.0
2009	29.5	18.6	51.8	28.2	26.8	37.7
2008	25.6	25.0	27.7	28.2	26.6	38.2
2007	33.1	22.0	56.1	27.8	26.4	36.4

Source: Tennessee Department of Health. Totals only available 2019-2022

Table 6: Tobacco Use

Adult Smoking-Percent of Adults			
	Madison	TN	
2024		21	20
2023		22	20
2022		21	21
2021		23	21
2020		22	23
2019		19	22
2018		19	22
2017		21	22
2016		22	24
2015		20	23
2014		20	23
2013		21	23
2012		19	24
2011		19	24
2010		20	25

Source: University of Wisconsin County Health Rankings

Priority Health Issues

Upon a review of state issues, survey responses and secondary data, social determinants of health especially the following:

transportation,
housing instability
access to foods that support healthy eating patterns, food insecurity
legal issues

were identified as impacting health behaviors, overall health and priority health issues for Madison County.

Heart Disease
Chronic Obstructive Pulmonary Disease/Tobacco Use
Cerebrovascular Disease
Diabetes
Postpartum Depression

Conclusion

The Madison County Community Health Needs Assessment was presented to the West Tennessee Healthcare Quality Council in January 2025. The document was approved for submission to the West Tennessee Healthcare Board of Trustees and approved on January 27, 2025.

This report is submitted as required in the Patient Protection and Affordable Care Act Pub.L.NO.111-148, 124 Stat. 119, enacted March 23, 2010, requiring updating every three years.

**Summary of Secondary Data By County
Community Health Needs Assessments 2024
Issues Reviewed & Those Consistently Above State Average**

Madison County

Number receiving behavioral safety net services
Face to Face crisis assessments
Percent report excessive drinking in past 30 days
Rate of opioid prescriptions per 1,000 persons
Number of drug-related arrests adults over age 18
Allergies
Arthritis Rheumatoid Arthritis Gout Lupus Fibromyalgia
Asthma
Deaths from malignant neoplasms per 100,000
COPD Emphysema Chronic Bronchitis
Deaths from diabetes per 100,000
Percentage population diagnosed with diabetes
Dental Care
Children in poverty-percent of children under age 18 in poverty
Uninsured adults-percent population under age 65 without health insurance
Percent children living in single-parent households
Persons in poverty
Unemployment
Deaths from diseases of the heart per 100,000
Deaths from cerebrovascular disease per 100,000
Influenza vaccine rates
Prevalence of overweight or obese assessed students in public schools
Percent of adults who have body mass index greater than 30-overweight or obese
Pregnancies age 15-19 per 1,000 females
Percent of adults who smoke
Deaths from Dementia/Alzheimer's per 100,000
Injury Prevention
Mental Illness-average number mentally unhealthy days reported last 30 days
Sexually transmitted disease
Traumatic brain injuries
Homeless Point in Time Count

**Madison County Community Health Assessment
Update of Size of Health issues Update 12-2024
Prioritization of Health Issues**

Population	99,193
Age 65 +	18.4
Caucasian	57.9
African American	38.2
Latino	5.4
High School Graduates	89.6
B.S. Degree or Higher	25.9
Disability < Age 65	13.0
Median HH Income	\$ 55,280
Per Capita Income	\$ 31,380
Persons in Poverty	14.9

Number Receiving Behavioral Safety Net Services

2015	2016	2017	2018	2019	2020	2021	2022	2023
546	465	478	492	560	649	698	559	

Face to Face Crisis Service Assessments

1,701	2,246	2,280	2,520	2,035	2,230	2,219	2,266
-------	-------	-------	-------	-------	-------	-------	-------

Source: Tennessee Department of Mental Health & Substance Abuse Services

Alcohol Use

Excessive Drinking-

	Madison	TN
2024	14	17
2023	15	17
2022	14	17
2021	14	17
2020	13	14
2019	12	14
2018	12	14
2017	11	11
2016	11	12
2015	10	9
2014	10	9
2013	10	10
2012	8	9
2011	8	9

Source: Robert Wood Johnson Foundation and University of Wisconsin Population Health Institute.

Rate of Opioid Prescriptions-Number Per 1,000 persons; Per 100 2019-2022

	Madison Co	TN	US
2022	131.3	61.5	
2021	139.6	66.0	
2020	144.8	68.2	
2019	149.6	74.7	
2018	966.5	901.1	587.0
2017	1073.9		
2016	1597.7		
2015	1687.8		
2014	1698.6		

Source: Informatics & Analytics Centers for Disease Control & Prevention.

Number of drug related arrests for adults over 18 in Madison County

2022	683
2021	804
2020	768
2019	1284
2018	1350
2017	999
2016	887
2015	719
2014	700

Source: Tennessee Bureau of Investigation

Allergies

1 in 5 Americans suffer from all types of allergies

Allergies have increased in prevalence since the 1980s across age, sex, racial groups.

19.2 million diagnosed with hay fever

Annual costs from allergies \$18 billion

Annual costs from food allergies \$25 billion

About 200,000 emergency room visits each year from food allergies

Approximately 50 million people experience allergies.

Allergies are the 6th leading chronic disease among all ages.

Source: Asthma and Allergy Foundaion of America; Centers for Disease Control and Prevention

Arthritis, Rheumatoid Arthritis, Gout, Lupus, or Fibromyalgia?

Effects one in every 2 age 65+

3 of 5 have under age 65

Risk Factors

- women
- obesity
- age
- joint injuries
- genetic predisposition
- infections
- certain occupations

Asthma:

*Number of adults aged 18 and over who currently have asthma: 19.2 million

*Percent of adults aged 18 and over who currently have asthma: 7.7%

*Number of children under age 18 years who currently have asthma: 5.5 million

*Percent of children under age 18 years who currently have asthma: 7.5%

*Number of physician office visits with asthma as a primary diagnosis: 9.8 million

*Number of emergency department visits with asthma as a primary diagnosis: 1.6 million

*Number of deaths: 3,524

*Deaths per 100,000 population: 1.1

*Asthma is a chronic inflammation of the lung airways that causes coughing, chest tightness, wheezing or shortness of breath

*8.3% of Americans have asthma. Of these 26.5 million, 20.4 million are adults and 6.1 million are children

*Asthma prevalence is higher in children (9.4 percent) than in adults (7.7 percent), and higher in females (9.2 percent) than males (7.0 percent)

*Patients with asthma reported 11 million visits to a doctor's office and 1.7 million visits to hospital outpatient departments

*Asthma results in 439,000 hospitalizations and 1.3 million emergency room visits annually.

*Asthma is the most common chronic illness in childhood, accounting for 13.8 million missed school days each year. It also accounts for 14.2 million lost work days for adults.

*The estimated economic cost of asthma is \$56 billion annually.

*More than 3,500 people die of asthma each year, nearly half of whom are age 65 or older

*Asthma symptoms can be triggered by exposure to an allergen

*Asthma is often hereditary.

*Weather conditions such as extremely dry, wet or windy weather can worsen asthma conditions

Source: Centers for Disease Control and Prevention.

Cancer

Deaths from Malignant Neoplasms Per 100,000

	Madison			TN		
	Total	White	Black	Total	White	Black
2022	203.5			207.4		
2021	224.8			207.6		
2020	206.4			209.6		
2019	217.4			210.6		
2018	204.9	225.7	181.8	208.8	226.9	170.7
2017	232.5	272.2	187.0	212.8	230.6	173.1
2016	236.5	279.7	182.4	217.5	235.1	178.0
2015	197.7	226.5	161.9	214.8	229.5	170.4
2014	227.1	247.1	201.9	216.1	231.8	182.4
2013	189.4	202.9	179.2	214.5	231.0	176.4
2012	198.7	210.1	191.9	211.2	226.5	176.3
2011	175.1	198.7	148.0	210.2	224.6	180.1
2010	229.9	266.2	196.4	212.9	234.6	178.9
2009	187.0	208.2	152.4	216.2	226.9	183.5
2008	191.8	200.2	181.8	213.3	225.0	174.6
2007	182.1	201.5	146.4	215.3	226.1	180.1

Source: Tennessee Department of Health.

Totals only available 2019-2022

COPD, Emphysema, or Chronic Bronchitis

About 9.7 percent of Tennessee population have COPD.

Respondents were more likely to report COPD (p<0.05) if they

- Were female.
- Were unable to work.
- Had not graduated from high school.
- Had a household income of \$25,000 or less.
- Had a history of smoking (current or former).
- Had a history of asthma.

Respondents were less likely to report COPD (p<0.05) if they

- Were aged 44 years or younger.
- Were male.
- Had never smoked.
- Had no history of asthma.

Source: COPD Foundation; Centers for Disease Prevention and Control

Diabetes

Deaths from Diabetes per 100,000

	Madison			TN		
	Total	White	Black	Total	White	Black
2022	39.3			38.6		

2021	38.5			38.4		
2020	49.8			37.6		
2019	30.6			31.6		
2018	42.0	50.4	32.6	29.9	29.4	38.0
2017	39.9	31.2	54.2	28.5	28.1	36.1
2016	33.8	31.1	40.8	28.4	27.5	37.3
2015	50.2	51.5	52.1	27.1	26.6	32.8
2014	38.7	35.8	46.4	26.3	25.8	33.5
2013	23.3	22.0	27.2	27.9	27.1	36.8
2012	34.5	26.9	49.3	28.2	27.4	36.7
2011	26.5	18.4	41.9	27.1	26.3	35.7
2010	19.3	13.7	30.9	26.4	26.4	35.0
2009	29.5	18.6	51.8	28.2	26.8	37.7
2008	25.6	25.0	27.7	28.2	26.6	38.2
2007	33.1	22.0	56.1	27.8	26.4	36.4

Source: Tennessee Department of Health.

Totals only available 2019-2022

Percentage of Population Diagnosed with Diabetes

	Madison	TN
2024	13	12
2023	13	13
2022	13	12
2021	15	13
2020	14	13
2019	13	13
2018	13	13
2017	14	13
2016	13	12
2015	13	12
2014	13	11
2013	12	11
2012	12	11
2011	11	11

Source: Robert Wood Johnson Foundation and University of Wisconsin

Dental Care

Tennessee ranks 38th for dental care. Oral cancer from tobacco use accounts for 75 to 90 percent of oral cancer. About 22 percent of adults and 10 percent of children smoke in Tennessee.

People do not visit a dentist because of cost (70%) and fear (25%).

Madison County is a federal Health Professional Shortage Area for dental care.

Christ Community Health Services ID 64799947D6 Score 25 Non-Rural

Low Income Population and Entire County ID 6479395852 Score 17 Partially Rural

Financial Resources

Children in Poverty-Percent of children under 18 in poverty

	Madison	TN
2024	20	18
2023	25	18
2022	32	18
2021	29	19
2020	29	22
2019	25	21
2018	27	23
2017	29	24
2016	29	26
2015	30	27
2014	27	26
2013	32	27
2012	30	26
2011	22	22
2010	24	23

Source: 2017 Tennessee Behavioral Health County and Region Services Data Book

Uninsured Adults-Percent Population Under Age 65 without health insurance

	Madison	TN
2024	14	15
2023	17	15
2022	14	15
2021	14	15
2020	10	11
2019	9	11
2018	11	12
2017	13	14
2016	15	16
2015	16	16
2014	21	21
2013	20	21
2012	20	20
2011	18	19
2010	13	15

Percent Children Living in Single-Parent households

	Madison	TN
2024	39	28
2023	38	28

2022	38	28
2021	39	29
2020	45	35
2019	44	35
2018	43	36
2017	43	36
2016	42	36
2015	44	36
2014	42	35
2013	46	35
2012	45	35
2011	40	34

Source: Robert Wood Johnson Foundation and University of Wisconsin Population Health Institute.

Source: Tennessee Department of Health. Behavioral Risk Factor Surveillance System.

All People in Poverty-Percent

Madison

2023	14.9
------	------

Source: Census City County QuickFacts

Unemployment

	Madison	TN	US
23-Oct	3.7		
22-Dec	2.9		
21-Dec	3.2		
20-Dec	5.7		
20-Nov	5.6	5.3	6.7
19-Nov	3.3	3.3	3.5
2017	3.4	3.2	4.1
2016	5.1	5.1	4.7
2015	5.6	5.5	5.0
2014	6.4	6.6	5.6

Source: Tennessee Department of Labor & Workforce Development

Heart Conditions

Death from Diseases of the Heart Per 100,000

Rate

	Madison			TN		
	Total	White	Black	Total	White	Black
2022	314.4			265.6		
2021						
2020	270.5			260.5		
2019	271.5			246.2		
2018	251.0	253.5	268.7	242.5	263.2	199.7
2017	270.4	305.1	233.1	238.4	259.5	193.8
2016	252.9	302.2	190.5	232.1	249.9	196.8
2015	271.5	293.4	238.8	237.5	252.8	190.1

2014	223.1	269.2	163.7	232.0	250.8	189.3
2013	211.7	251.9	160.2	226.7	245.1	183.1
2012	222.0	263.9	167.2	220.6	241.2	165.2
2011	240.2	288.8	175.9	221.0	239.7	175.3
2010	251.3	312.6	176.8	228.3	254.0	181.8
2009	229.7	261.0	176.7	228.0	241.1	185.8
2008	224.6	245.6	188.0	238.2	250.4	199.9
2007	213.1	223.6	196.3	233.2	244.1	201.0

Source: Tennessee Department of Health.

Totals only available 2019-2022

High Blood Pressure

Deaths from Cerebrovascular Disease per 100,000 RATE

	Madison			TN		
	Total	White	Black	Total	White	Black
2022	68.5			56.0		
2021	68.9			54.1		
2020	72.2			53.3		
2019	58.2			50.3		
2018	55.3	71.2	35.3	51.7	54.5	49.9
2017	65.5	71.1	62.3	52.4	55.2	50.1
2016	59.4	67.3	51.7	52.8	55.1	52.6
2015	46.6	57.5	32.6	52.2	53.9	49.8
2014	44.8	51.1	38.2	50.7	53.1	48.4
2013	46.6	57.5	32.6	48.1	50.5	45.8
2012	50.7	43.7	65.8	46.3	48.6	42.9
2011	51.9	58.4	44.7	50.1	52.8	46.2
2010	53.9	65.3	42.1	50.1	54.3	45.6
2009	60.0	63.7	54.8	50.6	51.9	48.2
2008	74.9	67.3	92.5	53.6	54.3	54.2
2007	60.0	59.8	62.3	56.3	57.9	52.5

Source: Tennessee Department of Health.

Totals only available 2019-2022

Influenza in rural West Tennessee

Flu Vaccine Rate:

	Madison	TN	US
2023	55%	52%	
2022	55%	50%	
2021	53%	50%	
2020	51%	49%	
2019	53%	48%	
2018	53.0%	47.37%	45.99%
2017	49.6%		
2016	55.8%		
2015	58.2%		

2014 62.7%

Source: US Depart of alth & Human Services

Obesity

Youth Obesity

	Madison	TN
2021-22	48.6%	42.8%
2019-20	40.8%	39.7%
2018-19	42.5%	39.5%
2017-18	41.0%	39.2%
2016-17	43.4%	39.2%
2015-16	41.8%	38.4%
2014-15	42.3%	38.6%

Source: Coordinated School Health.

Percent of Adults who have a body mass index greater than 30-overweight or obese

	Madison	TN
2024	41	36
2023	43	36
2022	40	37
2021	40	33
2020	39	33
2019	36	33
2018	35	32
2017	34	32
2016	36	32
2015	37	32
2014	36	32
2013	34	32
2012	34	32
2011	32	31
2010	31	31

Source: Robert Wood Johnson Foundation and University of Wisconsin Population Health Institute.

Teenage Pregnancy

Pregnancies Age 15-19 per 1,000 Females

	Madison Total	TN Total
2020	25.8	29.8
2019	25.4	27.3
2018	28.4	27.4

Source: Tennessee Department of Health.

Tobacco Use

Adult Smoking-Percent of Adults

	Madison	TN
2024	21	20
2023	22	20
2022	21	21
2021	23	21
2020	22	23
2019	19	22
2018	19	22
2017	21	22
2016	22	24
2015	20	23
2014	20	23
2013	21	23
2012	19	24
2011	19	24
2010	20	25

Source: Robert Wood Johnson Foundation and University of Wisconsin Population Health Institute.

Dementia/Alzheimer's Disease

Deaths from Alzheimers per 100,000

	Madison			TN		
	Total	White	Black	Total	White	Black
2021	43.5			41.3		
2020	64.1			52.4		
2019	30.6			47.6		
2017	61.4	91.9	19.0	52.4	60.4	27.2
2013	44.6	65.9	13.6	38.9	44.8	19.5

Source: Tennessee Department of Health.

Over 5 million Americans are living with Alzheimers Disease-110,000 in Tennessee

Tennessee in 2014 16,000 adults ages 65-74 living with Alzheimers

Tennessee in 2014 47,000 adults ages 75-84 living with Alzheimers

Tennessee in 2014 41,000 adults ages 85+ living with Alzheimers

Alzheimers is the 5th leading cause of death in the United States.

138 percent increase in Alzheimers deaths since 2000

Injury Prevention

Drowning is leading case of injury death for children ages one to four
Leading cause of death among children and young adults
Injuries include unintentional and acts of violence
Leads to many hospitalizations and emergency department visits
For age groups 1-14 and 15-24 leading cause of death is motor vehicle accidents
For age groups 25-34, 35-44, and 45-64 leading cause of death is poisoning
For ages 65+ leading cause of death is falls
Males at higher risk for dying and being hospitalized
Caucasians more at risk of death from drug overdose and motor vehicle accidents
African American more at risk of death from a firearm or homicide
Injury Death rate per 100,000 for Madison County 2012 is 57.6 compared to 77.0 for TN
Non-fatal hospitalization rate per 100,000 for Madison County is 573.9 compared to 558.2 for TN
Traumatic Brain Injuries mainly caused by firearms and unintentional falls

Source : Tennessee Department of Health. Injury Annual Report October __
Tennessee Department of Health. Traumatic Brain Injury __

Mental Illness

Mental illness affects 1 in 5 families in the United States.
18.1 percent or 43.6 million of Americans age 18 and older suffer from a diagnosed mental illness.
98 million age 18+ or 4.2 percent of the population live with a serious, persistent mental illness
Mental illness is the leading disability for individuals ages 15-44 in the United States.
13 percent of adults received treatment for a mental illness
(includes inpatient, outpatient, medication management).
Major depression disorder-6.7 percent of adults had an episode in 2015.
Bi-polar disorder-2.6 percent of adults-median age is 25.
Schizophrenia-1.1 percent of adults
Panic disorder -2.7 percent of adults-median age 24
Post traumatic stress disorder-3.5 percent of adults-on set at age 23.

Source: National Institute of Mental Health.

Average Number of Mentally Unhealthy Days Reported in Last 30 Days

	Madison	TN
2024	6.3	5.8
2023	5.3	5.0
2022	5.4	5.1
2021	5.3	5.2
2020	4.7	4.5
2019	4.5	4.5
2018	4.5	4.5
2017	4.4	4.4
2016	4.5	4.9

2015	3.1	3.4
2014	3.1	3.4
2013	3.0	3.3
2012	2.8	3.4
2011	2.9	3.4
2010	2.8	3.3

Source: Robert Wood Johnson Foundation and University of Wisconsin Population Health Institute.

Sexually Transmitted Diseases in Madison County

Year	Madison	TN
2023	29.7	16.6
2022	32.5	18.6
2021	27.9	19.0
2020	27.9	19.0
2019	23.0	17.3
2016	28.3	15.2
2012	30.9	20.3
2010	24.3	18.9
2009	33.9	21.2
2008	46.4	21.2
2007	43.2	22.5
2006	42.7	21.2
2005	42.0	20.0

Source: Tennessee Commission on Children and Youth: KIDS COUNT: The State of the Child in Tennessee.

Traumatic Brain Injury

During 2019 , 8,435 patients were reported to the TBI Registry, 7,605 discharged from Hospital alive, and 830 were deceased. Over 60 percent of patients were over age 54.

51 percent discharged to home; 8 percent home under home care; 37 percent to long term facility
77 percent of patients were non-Hispanic White; 14 percent non-Hispanic African American

Most patients were male

Most resulted from intracranial injury followed by fracture of skull

Skull fractures caused by falls (33 percent) and motor vehicle crashes (26 percent)

Intracranial injuries caused by falls (44 percent) and motor vehicle crashes (21 percent)

Deaths from TBI-Tennessee Per 100,000 people

2019	21.8
2018	21.6
2017	22.1
2016	21.7
2015	20.4

TBI ED Visits Tennessee Per 100,000 people

2018	257.2
2017	268.4

2016 268.0

Most sports related ED visits due to football, followed by basketball, pedal cycling, soccer, and baseball Source: TN Department of Health.

HOMELESS PIT Data by County for 2019- 2024

Count-PIT	Unshelter	Unshelter	Unshelter	Unshelter	Unshelter	Unshelter	2024	2024	2024	2024
	Gaps	Gaps	Gaps	Gaps	Gaps	Gaps	Chronic	Chronic	EmerShel	EmerShel
Analysis-	Analysis-	Analysis-	Analysis-	Analysis-	Analysis-	Analysis-	Homeless	Homeless	Count	Count
2019	2020	2021	2022	2023	2024	2024	Indiv	people	Ind-	Families-
										al Ind
Benton	86	52	59	55	52	59	22	0	0	0
Carroll	33	24	23	23	23	29	7	0	2	0
Chester	12	41	27	25	20	15	0	0	0	0
Crockett	16	20	4	4	12	8	0	0	0	0
Decatur	40	31	10	7	6	10	0	0	0	0
Dyer	29	46	13	28	22	34	6	0	0	0
Fayette	33	29	14	18	14	8	0	0	2	1 w/3
Gibson	20	20	14	14	25	21	0	0	0	0
Hardeman	10	9	12	6	1	3	1	0	1	0
Hardin	52	34	55	35	30	28	11	0	0	1 w/3
Haywood	5	33	16	16	7	32	0	0	0	0
Hendersor	22	44	34	52	40	48	15	0	0	0
Henry	89	87	93	96	87	83	12	5 w/15	2	1 w/2
Houston	22	14	24	9	36	30	10	0	0	0
Humphrey	48	42	40	30	34	58	0	0	0	0
Lake	48	60	64	95	67	85	33	7 w/20	0	0
Lauderdale	35	5	3	6	6	9	0	0	0	0
Madison	107	133	136	73	70	93	18	1 w/2	31	1 w/2
McNairy	14	35	43	43	38	36	5	0	1	0
Obion	39	30	45	46	39	11	13	0	2	0
Stewart	51	45	32	16	26	31	0	0	0	0
Tipton	20	2	4	5	5	17	0	0	0	0
Weakley	20	18	12	35	36	17	0	0	0	0
Total	851	854	777	737	696	765	153	37	41	10
										16

Postpartum Depression

Symptoms of either feeling down, depressed, or hopeless, or having decreased interest or pleasure in activities during posppartum period. Tennessee has a higher percent of mothers with reported postpartum depression than the rest of the U.S. Over 13 percent mothers with recent live births reported experiencing depression symptoms. Factors associated with postpartum depression among Tennessee women are:

- depression prior to pregnancy
- intimate partner violence
- smoking orior to pregnancy
- delivery by C-section
- gestational diabetes
- preterm birth

low birthweight baby

Source: State of Tennessee Department of Health.

2024 County Data Package

Madison County

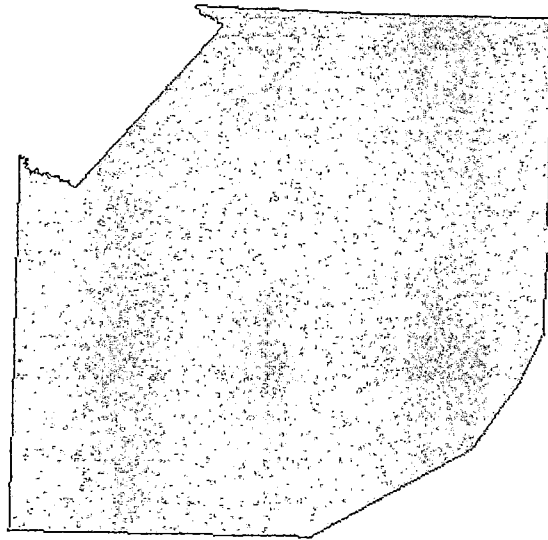


Table of Contents:

Quick Facts.....	3
Health Outcomes.....	3
Mortality.....	3
Morbidity.....	5
Social Drivers of Health.....	5
Health Care Access and Quality.....	6
Health Behaviors.....	7
Social Environment.....	8
Physical and Built Environment.....	11
Data Dictionary.....	12

Madison County, TN



2024 Data Package

QUICK FACTS

Population: **98,644**

Median Age: **38.4**

Median Household Income: **\$55,280**

Race and Ethnicity:

White: **55.8%**

Black or African American: **37.2%**

Asian: **1%**

Native American or Alaska Native: **0.1%**

Native Hawaiian and Other Pacific Islander: **0.1%**

Some Other Race: **2.6%**

Two or More Races: **3.2%**

Hispanic or Latino Origin (of any race): **4.3%**

HEALTH OUTCOMES

MORTALITY

The number of deaths in a population during a certain amount of time. Metrics included in this section are infant mortality, suicide mortality, and deaths due to fatal drug overdoses.

Leading causes of death: *This metric can be used to see trends in health inequities. Systemic health and social inequities place some populations at higher risk of these diseases or severe illness. Chronic conditions can be exacerbated by social factors and life stressors, which vary among racial and ethnic groups.*

1. Heart Disease
2. Cancerous Tumors
3. COVID-19
4. Accidents (Unintentional Injuries)
5. Stroke

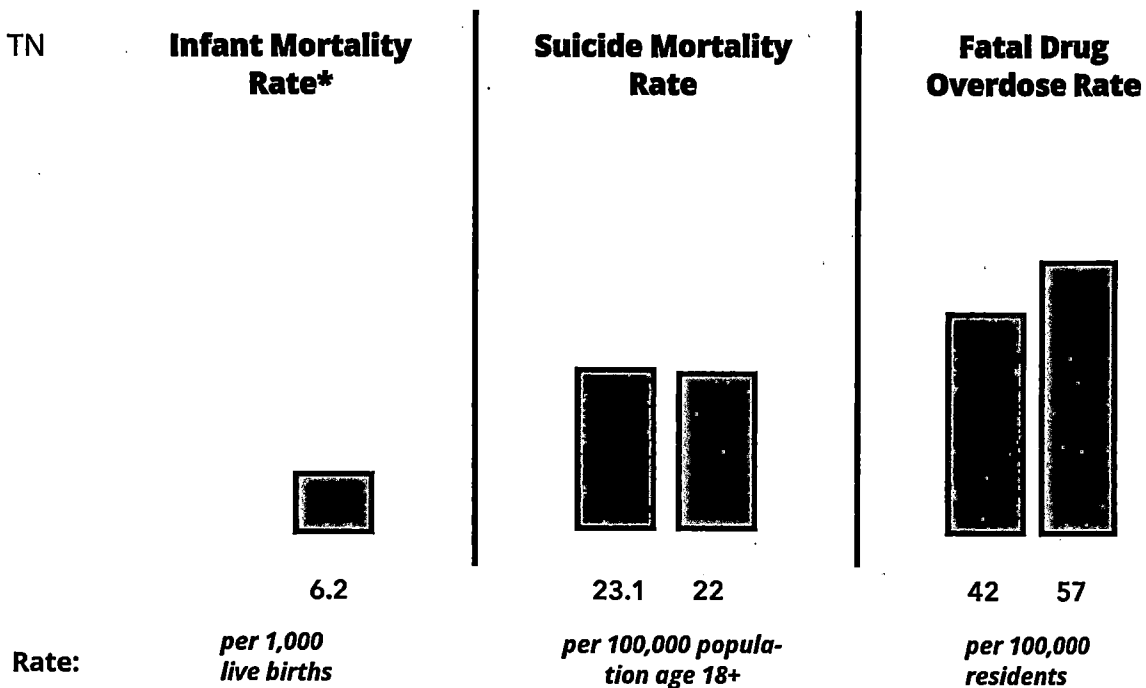
MORTALITY CONTD.



Madison County

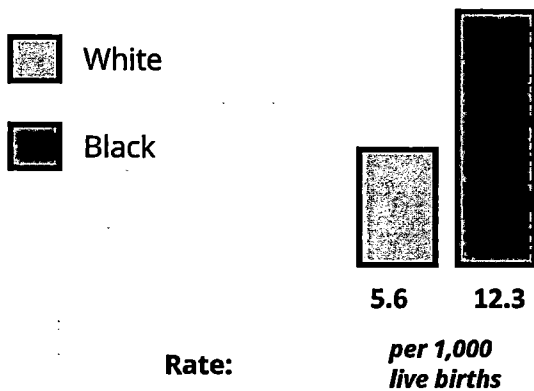


TN



*data only available at the state level

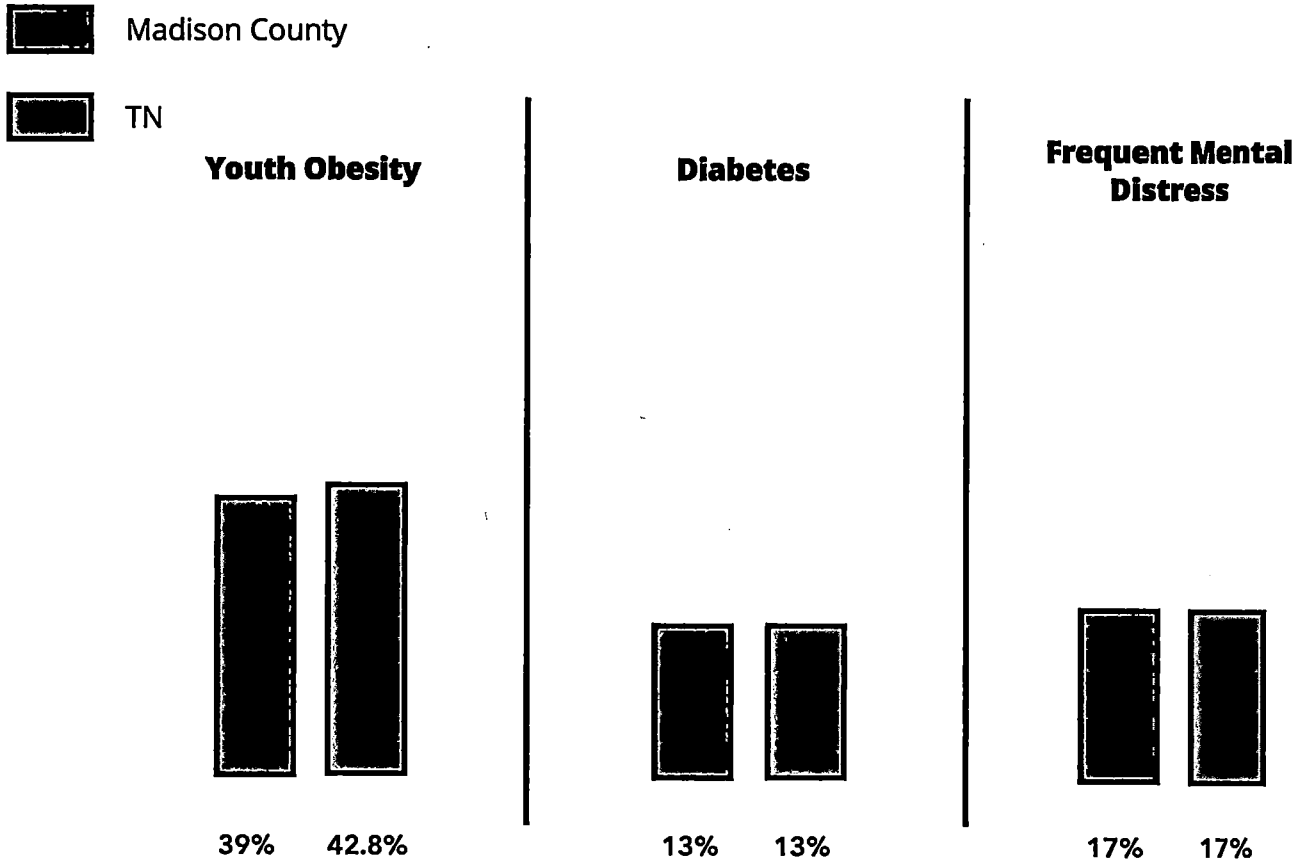
Infant Mortality by Race in Tennessee



Infant mortality is a good indicator of overall population health. It is often used to show disparities in how sub-populations access and receive health care. Maternal and infant health disparities reflect underlying socioeconomic inequities.

MORBIDITY

Morbidity means illness, disease, or a certain health state. Mental health is a state of cognitive, behavioral, and emotional well-being. The following indicators are included in this section: youth obesity, diabetes, and frequent mental distress (experiencing poor mental health for at least 14 out of the last 30 days).



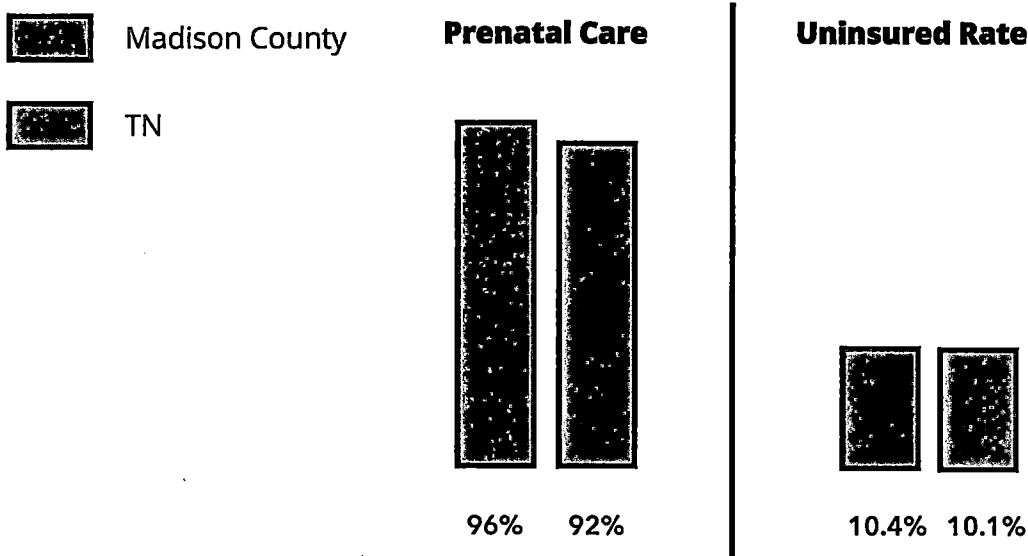
SOCIAL DRIVERS OF HEALTH

The following sections will highlight data as it pertains to healthcare access and quality, health behaviors, one's social environment, and the physical/built environment.

Social Drivers of Health Definition: Social drivers, also known as social determinants of health, are the conditions in which people are born, grow, live, work and age. They include factors like education, socioeconomic status, employment, access to health care, behaviors, and physical, social, and built environments. The reason we are shifting towards the use of "social drivers" is that the word "determinants" suggests nothing can be done to change our health fate. By reframing and saying social factors drive our health we show that social factors are something that people and communities can overcome or change.

HEALTH CARE ACCESS AND QUALITY

Healthcare access is the ability to obtain affordable and high-quality healthcare services. Receiving better quality health care is linked to improved health outcomes. Metrics included are access to care providers, prenatal care, and the uninsured rate.

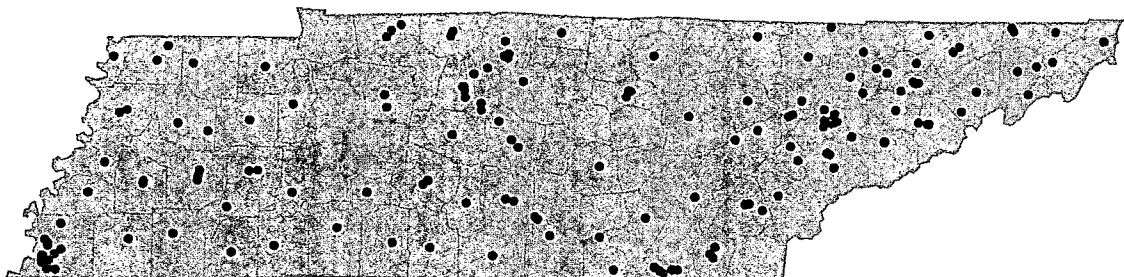


Shortage Area Rankings —Based on provider to population ratios with 1 being the worst and 95 being the best .

Rankings:	Primary Care	Pediatric Care	Obstetric Care	Dental Care	TennCare Providers
	3	1	1	25	4
Population to provider ratios:	16854:1	No Providers	No Providers	7661:1	9814:1

BEHAVIORAL HEALTH PROVIDERS

This map shows the location of behavioral and mental health providers across the state.



HEALTH BEHAVIORS

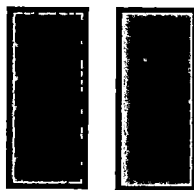
* data only available at the state level

Health behaviors are actions that can directly affect health outcomes. Healthy behaviors lower the risk of health conditions, while unhealthy behaviors increase that risk. The following indicators are included in this section: teen births, vaccinations, smoking, physical inactivity (adults participating in no physical activity outside of work), and substance use.

 Madison County

 TN

Teen Birth Rate



21.3 21.5

per 1,000 women aged 15-19

Childhood Vaccinations*



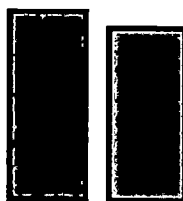
70.6%

Youth Substance Use*



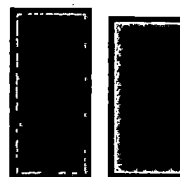
23.4%

Physical Inactivity



27% 24%

Adult Smoking



22% 20%

SOCIAL ENVIRONMENT

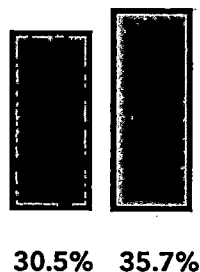
The social environment is someone's immediate physical and social setting where they live, learn, work, and develop. It is the social environment that affects whether people can make healthy choices easily. Metrics included in this section are third-grade reading level, positive childhood experiences (people reporting 5+), high school graduation rate, unemployment rate, adult and child poverty rate, voter participation rate, and population speaking a language other than English at home.

- There are **55 child care providers** in **Madison County** to serve the **21,912 children** under the age 18.
- Between 2016 and 2020 the **average annual domestic violence victimization rate** for **Madison County** was **1,769 victims**, the average for Tennessee was **1,163 victims**.

 Madison County

 TN

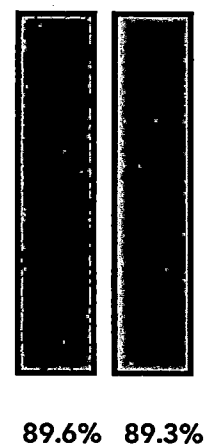
Third Grade Reading Level*



Positive Childhood Experiences*



Educational Attainment- Graduated HS



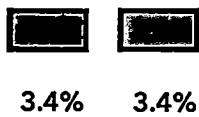
* data only available at the state level

SOCIAL ENVIRONMENT CONTD.

 Madison County

 TN

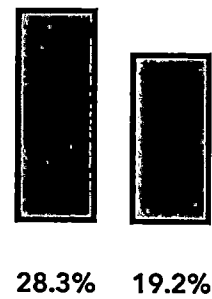
Unemployment Rate



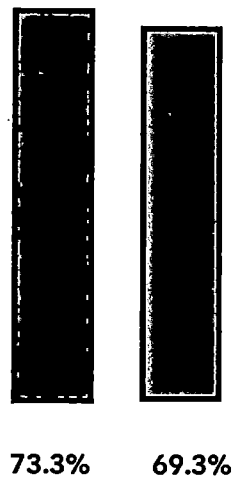
Poverty Rate



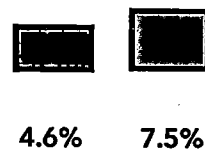
Child Poverty Rate



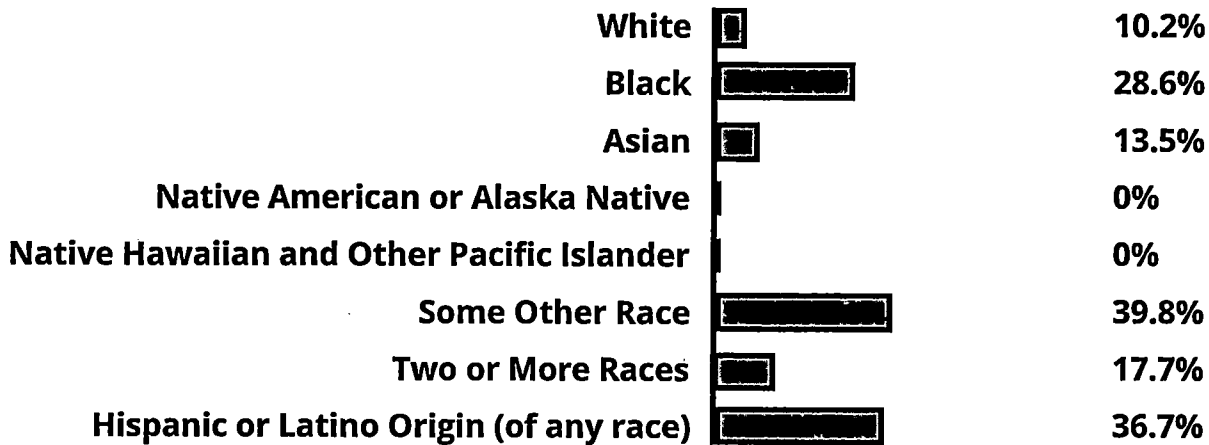
Voter Participation Rate



Speak a Language other than English at home

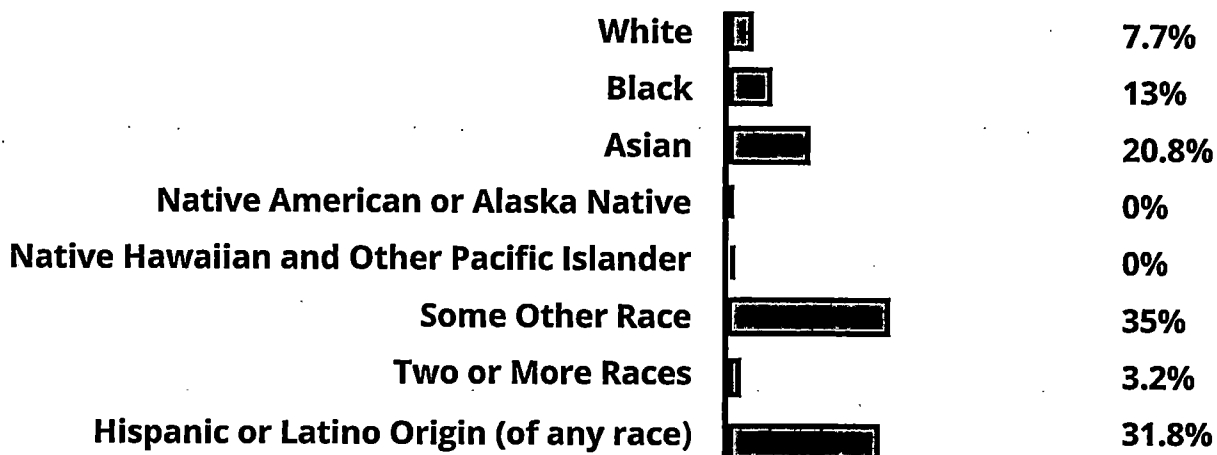


Poverty Rate by Race and Ethnicity in Madison County



Residents of impoverished communities are at a higher risk for adverse health effects such as mental health issues, chronic disease, higher mortality, and lower life expectancy, for example. According to Healthy People 2030, children make up the largest age group of those experiencing poverty.

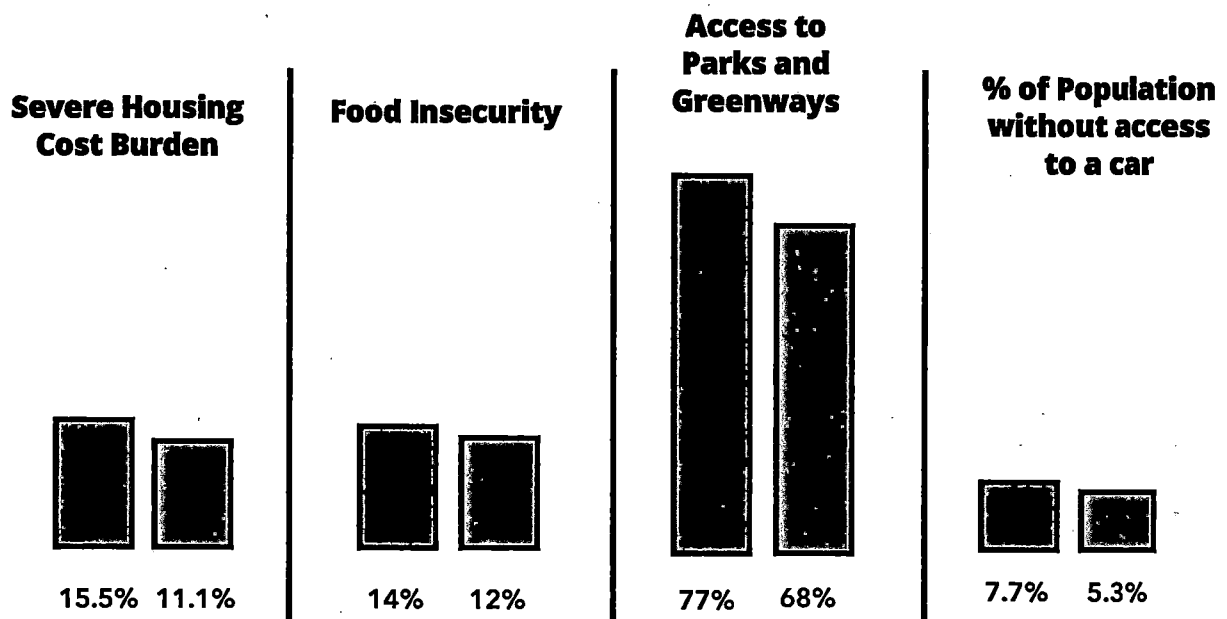
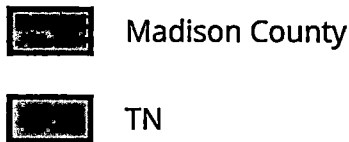
Uninsured Rate by Race and Ethnicity in Madison County



Individuals without health insurance may have trouble accessing quality health care.

PHYSICAL AND BUILT ENVIRONMENT

The built environment includes all physical parts of where we live and work and influences a person's level of physical activity. Metrics included in this section are severe housing cost burden (percentage of households that spend more than 50% of household income on housing), food insecurity, vehicle access, and access to green spaces.



- In **Tennessee** there are approximately **10,567** people experiencing **homelessness**.
- In 2021 **Madison County** had **NO** drinking water violations.

Metric	Description	Source
Population	Total Population	U.S Census Bureau, American Community Survey, 2022 5-Year Estimates, data.census.gov
Median Age	Median Age	U.S Census Bureau, American Community Survey, 2022 5-Year Estimates, data.census.gov
Median Household Income	Median Household Income	U.S Census Bureau, American Community Survey, 2022 5-Year Estimates, data.census.gov
Race and Ethnicity	% of Population that is in that racial or ethnic group.	U.S Census Bureau, American Community Survey, 2022 5-Year Estimates, data.census.gov
Leading Causes of Death	Top 5 Leading Causes of Death	Centers for Disease Control and Prevention, National Center for Health Statistics. National Vital Statistics. System, Mortality 2018-2021 on CDC WONDER Online Database, released in 2022. Data are from the Multiple Cause of Death Files, 2018-2021, as compiled from data provided by the 57 vital statistics jurisdictions through the Vital Statistics Cooperative Program. Accessed at http://wonder.cdc.gov/ucd-icd10-expanded.html
Infant Mortality Rate	Number of infant deaths with rates per 1,000 live births	Tennessee Department of Health Death Statistics, 2021
Suicide Mortality Rate	Number of deaths from suicide with rates per 100,000 population aged 18 and older	Tennessee Department of Health Death Statistics, 2021
Fatal Drug Overdose Rate	All drug overdose deaths per 100,000 residents	Tennessee Department of Health Death Statistics, 2021, https://www.tn.gov/health/health-program-areas/pdo/pdo/data-dashboard.html
Youth Obesity	Prevalence of Overweight or Obese (BMI ≥ 85th percentile) Assessed Students in Tennessee Public Schools by County	Tennessee Department of Education, Coordinated School Health, 2021-2022
Diabetes	Percentage of adults aged 20 and above with diagnosed diabetes (age-adjusted).	https://www.countyhealthrankings.org/ , 2023
Frequent Mental Distress	Percentage of adults reporting 14 or more days of poor mental health per month (age-adjusted).	https://www.countyhealthrankings.org/ , 2023
Shortage Area Rankings and Ratios	Rankings are based off of the number of providers to population ratios	Tennessee Department of Health, Uninsured Adult Healthcare Safety Net 2023 Annual Report
Behavioral Health Providers	Behavioral health providers located in or that offer services in each county (includes telehealth)	Census of Healthcare Providers Annual Survey, 2021
Prenatal Care	Percentage of live births in which the mother began prenatal care between the first and sixth month of pregnancy	Birth Statistical File - TN Office of Vital Statistics, 2021
Uninsurance Rate	% of county population in the past 12 months with no insurance coverage	U.S Census Bureau, American Community Survey, 2022 5-Year Estimates, data.census.gov
Teen Birth Rate	Number of births per 1,000 women aged 15-19 years	Birth Statistical File - TN Office of Vital Statistics
Childhood Vaccinations	Percentage of children who received by age 35 months all recommended doses of the combined 7-vaccine series	U.S. Department of Health and Human Services (DHHS). National Center for Immunization and Respiratory Diseases. The National Immunization Survey-Child, Atlanta, GA : Centers for Disease Control and Prevention, 2020. Data can be accessed
Youth Substance Use	Percent of students that were offered, sold, or given an illegal drug on school property	Youth Risk Behavior Surveillance System, 2021, https://nccd.cdc.gov/Youthonline/App/Results.aspx?LID=TN
Physical Inactivity	Percentage of adults age 18 and over reporting no leisure-time and/or physical activity (age-adjusted).	https://www.countyhealthrankings.org/ , 2023

Metric	Description	Source
Adult Smoking	Percentage of adults who are current smokers (age-adjusted).	https://www.countyhealthrankings.org/ , 2023
Third Grade Reading Level	Percent of students in Grade 3 that test "on track" and "mastered" for ELA on TN Ready	Tennessee Department of Education, 2022-2023
Positive Childhood Experiences	% of Tennesseans reporting 5+ positive childhood experiences	Behavioral Risk Factors Surveillance System (BRFSS), 2021
Educational Attainment	% of county population in the past 12 months that is 25 and older with a high school degree	U.S Census Bureau, American Community Survey, 2022 5-Year Estimates, data.census.gov
Child Care Facilities	# of licensed Child Care Centers in each County	TN Department of Human Services, Accessed November, 2023
Population Under 18	% of total population in the past 12 months that is aged under 18 years	U.S Census Bureau, American Community Survey, 2022 5-Year Estimates, data.census.gov
Unemployment Rate	% of labor force that is unemployed	Bureau of Labor Statistics, Local Area Unemployment Statistics, 2022 Annual Average, https://www.bls.gov/lau/data.htm
Poverty Rate	% of all persons 18 years and over whose income in the past 12 months is below the poverty level	U.S Census Bureau, American Community Survey, 2022 5-Year Estimates, data.census.gov
Child Poverty Rate	% of all persons 18 years and younger whose income in the past 12 months is below the poverty level	U.S Census Bureau, American Community Survey, 2022 5-Year Estimates, data.census.gov
Voter Participation Rate	% of voting aged population that voted in the general election	United States Election Project . General Election Turnout Rates, November 2020
Speak a Language Other than English at Home	% of population that speaks a language other than English at home in the past 12 months	U.S Census Bureau, American Community Survey, 2022 5-Year Estimates, data.census.gov
Domestic Violence	Domestic Violence Victim Rates	TN Bureau of Investigation, 2016-2020, rate per 100,000
Severe Housing Cost Burden	Severe Housing Cost Burden is the percentage of households that spend 50%+ of their household income on housing, for both renters and home owners.	HUD's Comprehensive Housing Affordability Strategy (CHAS) Data, 2016-2020
Food Insecurity	Food Insecurity estimates the percentage of the population who did not have access to a reliable source of food during the past year.	https://www.countyhealthrankings.org/ , 2023
Access to Parks and Greenways	The percentage of individuals in a county who live reasonably close to a location for physical activity. Locations for physical activity are defined as parks or recreational facilities. Individuals are considered to have access to exercise opportunities if they: <ul style="list-style-type: none"> • reside in a census block that is within a half mile of a park, or • reside in an urban census block that is within one mile of a recreational facility, or • reside in a rural census block that is within three miles of a recreational facility. 	https://www.countyhealthrankings.org/ , 2023
% of Population without Access to a Car	% of county population that reported not owning a vehicle in the past 12 months	U.S Census Bureau, American Community Survey, 2022 5-Year Estimates, data.census.gov
Homelessness	Count of homeless population on a given night in the state	HUD Exchange, Annual Point in Time Count of Homelessness Population, 2022
Drinking Water	Indicator of the presence of health-related drinking water violations. 'Yes' indicates the presence of a violation, 'No' indicates no violation.	https://www.countyhealthrankings.org/ , 2023

* If census data was unavailable, it was suppressed to protect information about individual respondents and to provide a statistically reliable estimate.



Community Health Needs Assessment West Tennessee Healthcare Jackson-Madison County Regional Health Department

We would like you to help us identify current health and well being issues facing rural west Tennessee Counties. Your responses will be confidential. This survey will take about 3 minutes.

Please answer the following questions by selecting the response that best describes you. Darken or fill in the circle for each response.

1. Age

- 18-24 25-35 36-50 51-64 65+

2. Education

- Less than high school High school graduate/GED Some college
 Associate degree Bachelor degree Advanced degree

3. Employment Status

- Employed full time Employed part time
 Homemaker full time Not working because of acute illness or injury
 Permanently disabled Retired
 Student full time Student part time

4. Gender

- Female Male
 Trans Female (Male to Female) Trans Male (Female to Male)
 Gender Non-conforming (i.e. not exclusively male or female)

5. Insurance

- Medicare No insurance Obamacare (Affordable Healthcare)
 Private insurance TennCare Other

6. County of Residence

- Benton Carroll Chester Crockett Decatur Dyer
 Gibson Hardeman Hardin Haywood Henry Lauderdale
 Madison McNairy Obion Humphreys Weakley Lake
 Henderson Stewart Houston Tipton Fayette

Community Health Needs Assessment West Tennessee Healthcare Jackson-Madison County Regional Health Department

7. Race

- | | |
|--|---|
| <input type="radio"/> African/American | <input type="radio"/> American Indian/Alaskan Native |
| <input type="radio"/> Asian | <input type="radio"/> Caucasian |
| <input type="radio"/> Hispanic/Latino | <input type="radio"/> Indian (from India or parents from India) |
| <input type="radio"/> Middle Eastern | <input type="radio"/> Pacific Islander/Polynesian |
| <input type="radio"/> Other | <input type="radio"/> Not sure |

8. Weight

- Just right Obese Overweight Underweight

For the following questions, indicate if you have experienced the health issue by selecting Yes or No

Response Definition: Y=Yes N=No

Response Definition: Y=Yes N=No

	Y	N
9. Have you had (or do you currently have) Allergies?	<input type="radio"/>	<input type="radio"/>
10. Have you had (or do you currently have) Arthritis?	<input type="radio"/>	<input type="radio"/>
11. Have you had (or do you currently have) Asthma?	<input type="radio"/>	<input type="radio"/>
12. Have you had (or do you currently have) an Autoimmune disease?	<input type="radio"/>	<input type="radio"/>
13. Have you had (or do you currently experience) bullying?	<input type="radio"/>	<input type="radio"/>
14. Have you had (or do you currently have) Chronic Pain?	<input type="radio"/>	<input type="radio"/>
15. Have you had (or do you currently have) Dementia/Alzheimer's?	<input type="radio"/>	<input type="radio"/>
16. Have you had (or do you currently have) Emphysema/COPD?	<input type="radio"/>	<input type="radio"/>
17. Have you had (or do you currently have) Diabetes?	<input type="radio"/>	<input type="radio"/>
18. Have you had (or do you currently have) Eye Condition (cataracts, glaucoma, muscular degeneration)?	<input type="radio"/>	<input type="radio"/>
19. Have you had (or do you currently have) a Fall or Fall related injury?	<input type="radio"/>	<input type="radio"/>
20. Have you had (or do you currently have) Hearing Loss/Deafness?	<input type="radio"/>	<input type="radio"/>
21. Have you had (or do you currently have) High Blood Pressure?	<input type="radio"/>	<input type="radio"/>
22. Have you had (or do you currently have) Osteoporosis?	<input type="radio"/>	<input type="radio"/>
23. Have you had (or do you currently have) a Heart Condition?	<input type="radio"/>	<input type="radio"/>
24. Have you had (or do you currently have) high levels of stress?	<input type="radio"/>	<input type="radio"/>
25. Have you had a stroke?	<input type="radio"/>	<input type="radio"/>
26. Have you in the past (or do you currently use) tobacco products?	<input type="radio"/>	<input type="radio"/>
27. Have you in the past (or do you currently use) vaping products?	<input type="radio"/>	<input type="radio"/>

Have you experienced a lack of financial resources that led to problems accessing any of the following:

Community Health Needs Assessment West Tennessee Healthcare Jackson-Madison County Regional Health Department

Response Definition: Y=Yes N=No

- | | Y | N |
|------------------|-----------------------|-----------------------|
| 28. Dental Care | <input type="radio"/> | <input type="radio"/> |
| 29. Medical Care | <input type="radio"/> | <input type="radio"/> |
| 30. Medications | <input type="radio"/> | <input type="radio"/> |

Have you experienced a lack of transportation that led to problems accessing any of the following:

Response Definition: Y=Yes N=No

- | | Y | N |
|---|-----------------------|-----------------------|
| 31. Dental Care | <input type="radio"/> | <input type="radio"/> |
| 32. Medical Care | <input type="radio"/> | <input type="radio"/> |
| 33. Do you have access to Healthy Foods (fresh fruits & vegetables, lean meats, whole grain products and low fat milk products)? | <input type="radio"/> | <input type="radio"/> |
| 34. How far must you travel to access Healthy Foods listed above? | | |
| <input type="radio"/> less than one mile | | |
| <input type="radio"/> over one mile to three miles | | |
| <input type="radio"/> over three miles to five miles | | |
| <input type="radio"/> over five miles to ten miles | | |
| <input type="radio"/> over ten miles | | |

Response Definition: Y=Yes N=No

- | | Y | N |
|---|-----------------------|-----------------------|
| 35. Do you have access to Information/Education about health issues, if any? | <input type="radio"/> | <input type="radio"/> |
| 36. Do you have access to Child or Adult Care ? | <input type="radio"/> | <input type="radio"/> |
| 37. Do you have access to facilities or places for physical exercise ? | <input type="radio"/> | <input type="radio"/> |
| 38. Do you have a family history of: | | |
| <input type="radio"/> suicide | | |
| <input type="radio"/> heart failure | | |
| <input type="radio"/> opioid use | | |
| 39. If you have completed this form at the request of the Jackson-Madison County Regional Health Department, please indicate which Health Educator requested you to complete this survey? | | |
| <input type="radio"/> Jordyn Johson | | |
| <input type="radio"/> Alexis Jimmerson | | |
| <input type="radio"/> Diaana Munoz-Ennis | | |
| <input type="radio"/> Alex McHugh | | |
| <input type="radio"/> Lekendria Mays | | |
| <input type="radio"/> Franchesca Perry | | |
| <input type="radio"/> Brittany Johnson | | |

Community Health Needs Assessment Resident Survey Results 2024

N=777

Question 1.

Age

1. 18-24	22	2.8%
2. 25-35	135	17.4%
3. 36-50	251	32.3%
51-64	299	38.5%
65+	69	8.9%
Total Responses	776	

Question 2.

Education

1. Less than high school	1	0.1%
2. High school graduate/GED	63	8.1%
3. Some college	107	13.8%
4. Associate degree	148	19.1%
5. Bachelor degree	243	31.3%
6. Advanced degree	214	27.6%
Total Responses	776	

Question 3.

Employment Status

1. Employed full time	680	87.6%
2. Employed part time	48	6.2%
3. Homemaker full time	2	0.3%
4. Not working-illness or injury	0	0.0%
5. Permanently disabled	4	0.5%
6. Retired	37	4.8%
7. Student full time	4	0.5%
8. Student part time	1	0.1%
Total Responses	776	

Question 4.

Gender

1. Female	625	80.4%
2. Male	151	19.4%
3. Trans Female (Male to Female)	0	0.0%
4. Trans Male (Female to Male)	0	0.0%
5. Gender Non-conforming	1	0.1%
Total Responses	777	

Question 5.
Insurance

1. Medicare	59	7.6%
2. No insurance	17	2.2%
3. Obamacare (Affordable Care)	11	1.4%
4. Private insurance	504	64.9%
5. TennCare	15	1.9%
6. Other	171	22.0%
Total Responses	777	

Question 6.
County of Residence

1. Benton	6	0.8%
2. Carroll	24	3.1%
3. Chester	34	4.4%
4. Crockett	28	3.6%
5. Decatur	7	0.9%
6. Dyer	29	3.7%
7. Gibson	138	17.8%
8. Hardeman	39	5.0%
9. Hardin	8	1.0%
10. Haywood	13	1.7%
11. Henry	2	0.3%
12. Lauderdale	10	1.3%
13. Madison	312	40.2%
14. McNairy	14	1.8%
15. Obion	9	1.2%
16. Humphreys	2	0.3%
17. Weakley	59	7.6%
18. Lake	0	0.0%
19. Henderson	37	4.8%
20. Tipton	2	0.3%
21. Fayette	4	0.5%
Total Responses	777	

Question 7.
Race

1. African American	114	14.7%
2. American Indian/Alaskan	0	0.0%
3. Asian	3	0.4%
4. Caucasian	630	81.1%
5. Hispanic/Latino	4	0.5%
6. Indian (India)	2	0.3%
7. Middle Eastern	0	0.0%
8. Pacific Islander	0	0.0%
9. Other	24	3.1%
Total Responses	777	

**Question 8.
Weight**

1. Just right	125	16.2%
2. Obese	281	36.4%
3. Overweight	362	47.0%
4. Underweight	3	0.4%
Total Responses	771	

Question 9.

Have you had (or do you currently have Allergies?

1. Yes	416	53.5%
--------	-----	-------

Question 10.

Have you had (or do you currently have) Arthritis?

1. Yes	224	28.8%
--------	-----	-------

Question 11.

Have you had (or do you currently have) Asthma?

1. Yes	78	10.0%
--------	----	-------

Question 12.

Have you had (or do you currently have) Autoimmune disease 1. Yes

98	12.6%
----	-------

Question 13.

Have you had (or do you currently experience) bullying?

1. Yes	94	12.1%
--------	----	-------

Question 14.

Have you had (or do you currently have) chronic pain?

1. Yes	148	19.0%
--------	-----	-------

Question 15.

Do you have Dementia/Alzheimer's?

1. Yes	4	0.5%
--------	---	------

Question 16.

Have you had (or do you currently have) Emphysema/COPD?

1. Yes	14	1.8%
--------	----	------

Question 17.

Do you have (or do you currently have) Diabetes?

1. Yes	116	14.9%
--------	-----	-------

Question 18.

Have you had (or do you currently have eye conditions (cataracts, glaucoma, masclar degeneration)?

1. Yes	79	10.2%
--------	----	-------

Question 19.

Have you had (or do you currently have) a Fall or Fall Related injury?

1. Yes	61	7.9%
--------	----	------

Question 20.

Have you had (or do you currently have) hearing loss/deafness?

1. Yes	63	8.1%
--------	----	------

Question 21.

Have you had (or do you currently have) high blood pressure?

1. Yes	292	37.6%
--------	-----	-------

Question 22.			
Have you had (or do you have) Osteoporosis?	1. Yes	34	4.4%
Question 23.			
Have you had (or do you currently have) a Heart Condition?	1. Yes	72	9.3%
Question 24.			
Have you had (or do you currently have) high levels of stress?	1. Yes	351	45.2%
Question 25.			
Have you had a stroke?	1. Yes	15	1.9%
Question 26.			
Have you had in the past (or do you currently use) tobacco products?	1. Yes	159	20.5%
Question 27.			
Have you in the past (or do you currently use) vaping products?	1. Yes	68	8.8%
Question 28.			
Have you experienced lack of financial resources for:	1. Yes	108	13.9%
dental care?			
29. medical care?	1. Yes	78	10.0%
30. medications?	1. Yes	76	9.8%
Have you experienced a lack of transportation for accessing?			
31. dental care?	1. Yes	20	2.6%
32. medical care?	1. Yes	22	2.8%
Question 33. Do you have access to Healthy Foods (fresh fruits & vegetables, lean meats, whole grain products and low fat milk products)?	1. Yes	231	29.7%
Question 34.			
How far must you travel to access Healthy Foods listed above?	1. less than one mile	97	12.5%
	2. between one & three miles	242	31.3%
	3. between three to five miles	152	19.6%
	4. between five to ten miles	155	20.0%
	5. over ten miles	128	16.5%
	Total Responses	774	
Question 35.			
Do you have access to Information/Education about health issues, if any?	1. Yes	622	80.1%

Question 36.

Do you have access to Child or Adult Care?

1. Yes

379

48.8%

Question 37.

DO you have access to facilities or places for physical exercise?

1. Yes

593

76.3%

Question 38.

Do you have a family history of suicide, heart failure, or opioid use?

1. Yes

102

13.1%