

# Welcome to the Calhoun County Community Health Needs Assessment Prioritization Session

- Our meeting will start at 6 PM EST.
- Please test your microphone and video before the meeting starts.
- Please mute yourself when you join.



# Calhoun County Community Health Needs Assessment (CHNA)

Prioritization Session

October 1 and 3, 2024



# Agenda

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**10 mins:** Welcome, introductions, and background

**45-50 mins:** Review analyzed health data around significant health needs and disparities in the community

**5 mins:** Break

**20 mins:** Prioritize significant health needs In Calhoun County

**5 mins:** Closing remarks, next steps, raffle winner

# Welcome!

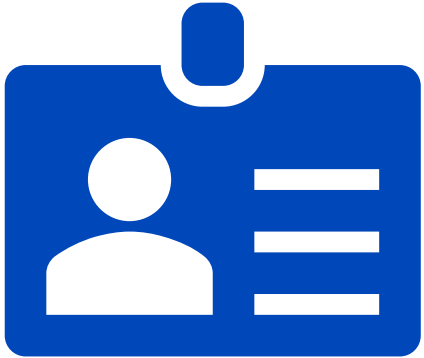


# Acknowledgements:

This work would not be possible without the hard work and collaboration of:

- Albion Community Table
- Albion Health Care Alliance
- Battle Creek Community Foundation
- Battle Creek Pride
- Bronson
- Calhoun County Health Department
- Calhoun Intermediate School District
- Calhoun County Senior Services
- CareWell Services Southwest
- Catching the Dream Learning Center
- Community Action
- Family and Children Services
- Grace Health
- Haven of Rest
- Integrated Health Partners
- Macedonia Church
- Milk Like Mine
- Nottawaseppi Huron Band of the Potawatomi
- Oaklawn Hospital
- Pulse
- Senior Care Partners P.A.C.E.
- South Michigan Food Bank
- Substance Abuse Prevention Services
- Summit Pointe
- The Arc
- The Burma Center
- The Fountain Clinic
- Pastor Monique French
- United Way of South-Central Michigan
- Women's Co-op
- VOCES

# Introductions



**Please introduce yourself in the chat with your:**

- Name
- Title
- Organization

# Who we are

**100M+**

Impacting over one hundred million lives



**100+**

community platforms



We are a multi-disciplinary team of public health professionals providing strategic services and technology for **health equity and health improvement within communities.**

**16**

Years of experience



**400**

community health assessments and plans completed

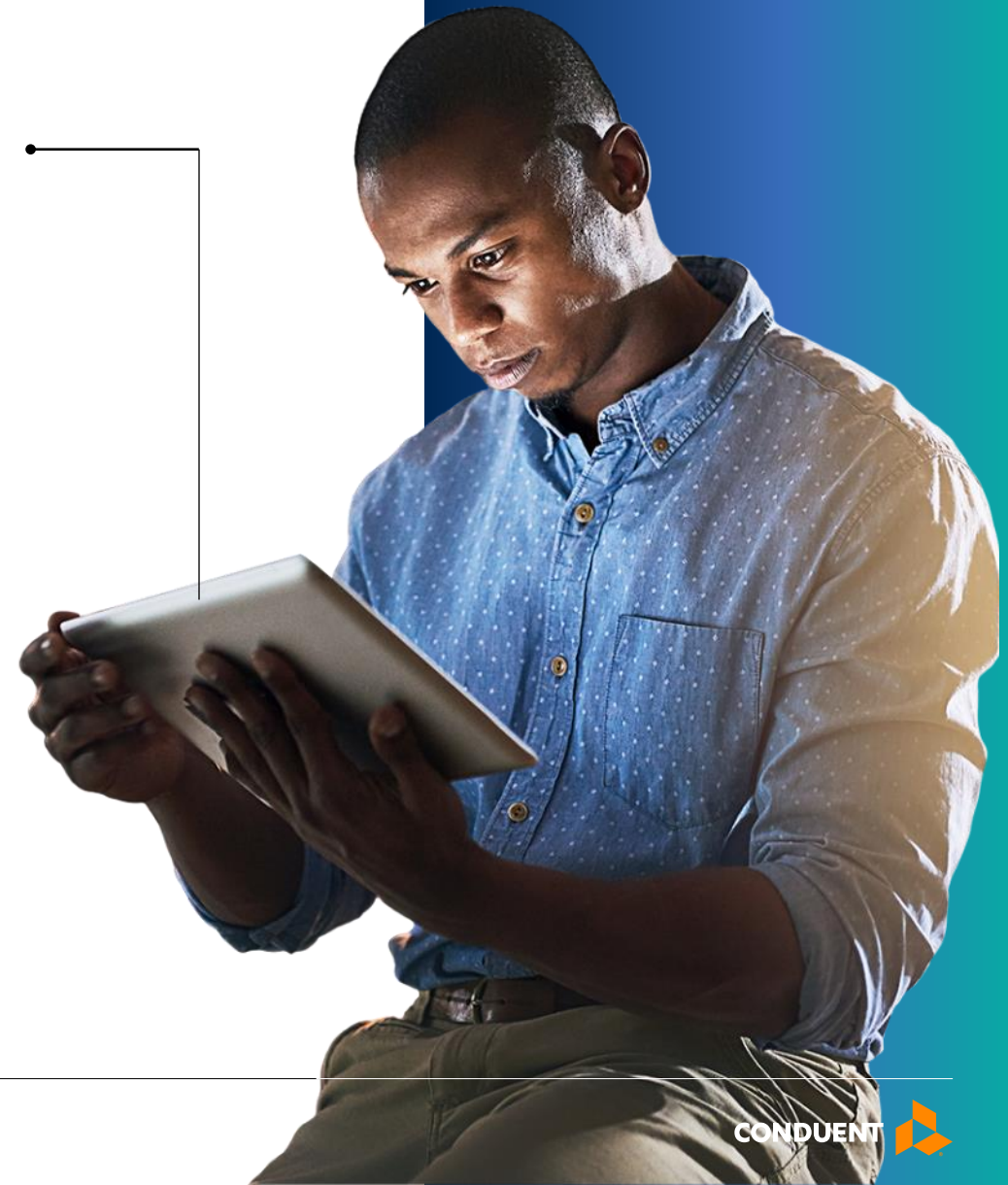
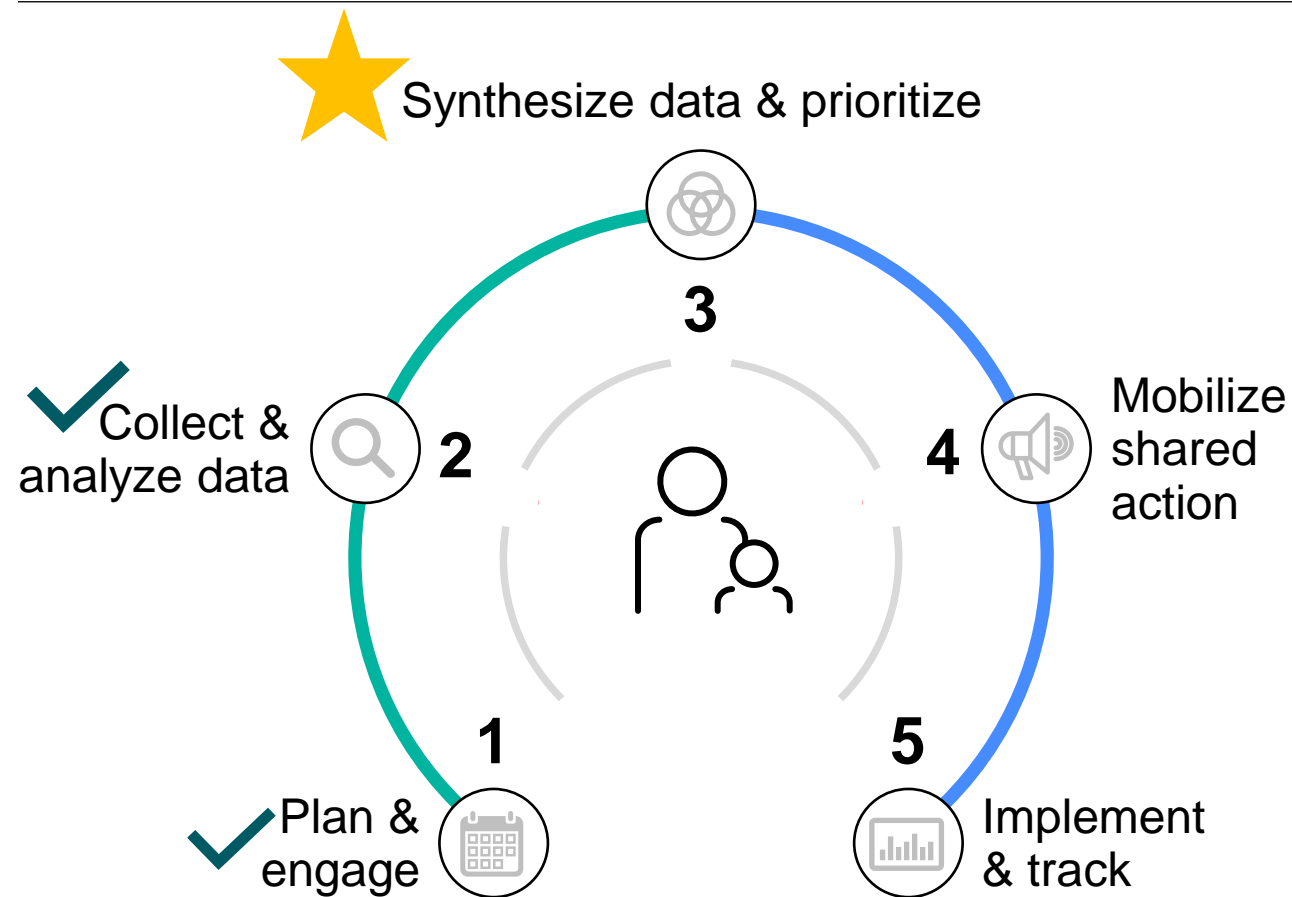


# MiCalhoun.org





# Community health needs assessment and planning cycle



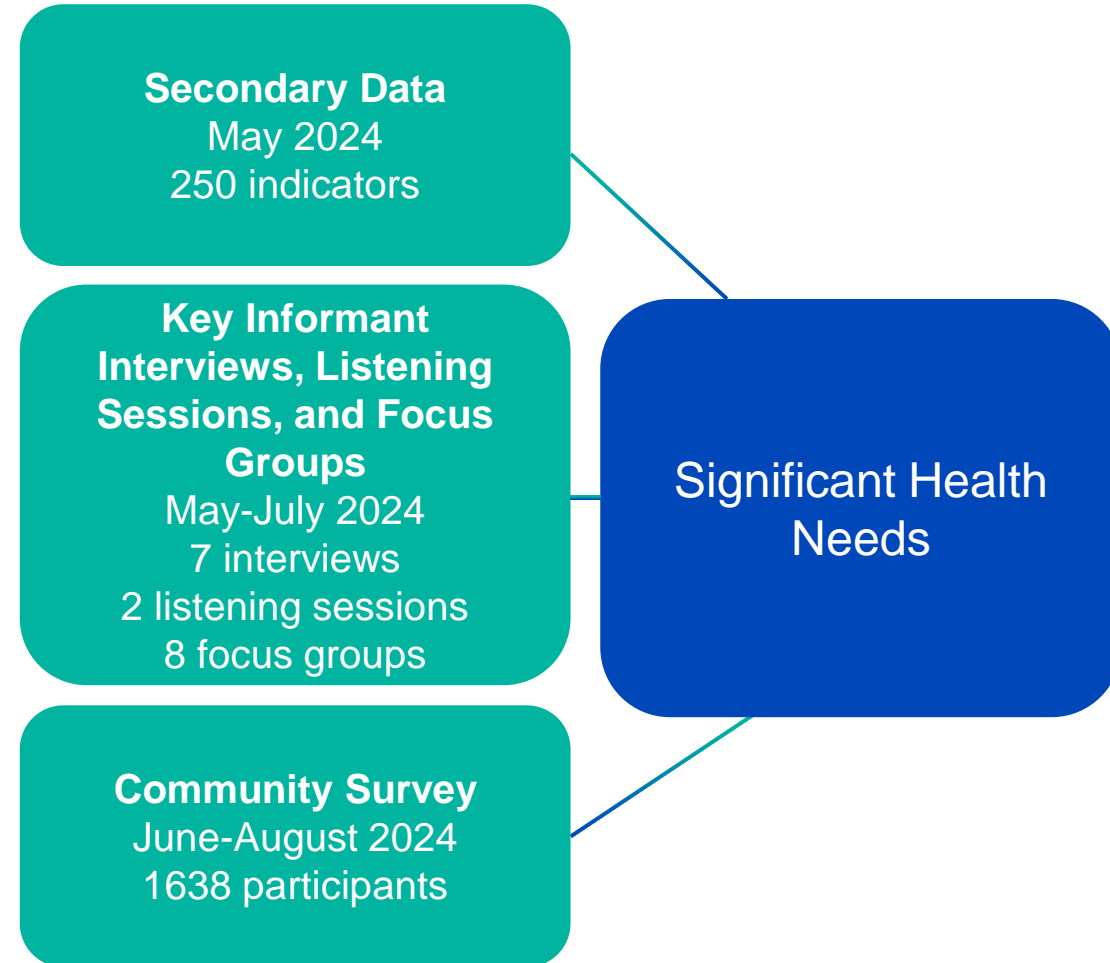
# Data Analysis and Synthesis: Overarching Findings from Community Input and Secondary Data

# Data Analysis Overview

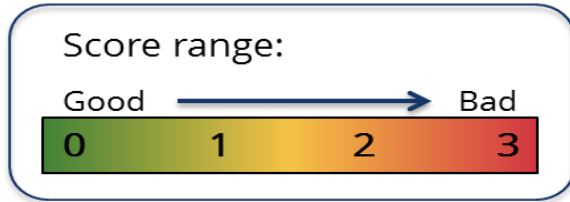
**Secondary data**, or numerical health indicators, from HCI's community indicator database, were analyzed and scored based on their values.

**Interviews, listening sessions and focus groups** were conducted with community members who have a fundamental understanding of public health and represent the broad interests of the community.

An online **community survey** was made available to people residing in Calhoun County. The survey was offered in English, Spanish and Burmese.



# Calhoun County Secondary Data Findings



Scores range from 0 (Good) to 3 (Worse).

Review “Indicators of Concern” with scores of **1.64** or higher.

Health Topic	Score
Wellness & Lifestyle	2.07
Diabetes	1.78
Children's Health	1.77
Cancer	1.67
Alcohol & Drug Use	1.67
Mental Health & Mental Disorders	1.66
Older Adults	1.64
Maternal, Fetal & Infant Health	1.63
Tobacco Use	1.63
Immunizations & Infectious Diseases	1.61
Respiratory Diseases	1.61
Weight Status	1.60
Physical Activity	1.57
Adolescent Health	1.55
Heart Disease & Stroke	1.55
Women's Health	1.47
Oral Health	1.42
Health Care Access & Quality	1.35

# Qualitative Data Findings

## Top Health Concerns/Issues

- Mental health and mental disorders
- Diabetes
- Heart disease and stroke
- Wellness and lifestyle, nutrition, obesity
- Substance use (alcohol, smoking, and drug use including marijuana)
- Adolescent health

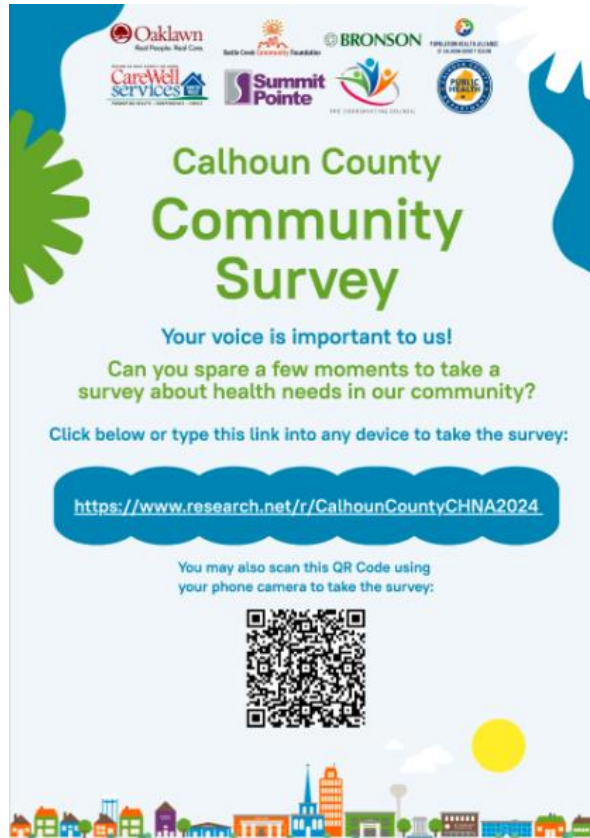
## Barriers to Care

- Access to healthcare
- Food security / access / awareness
- Attainable housing
- Transportation
- Community resources access/awareness

## Most Negatively Impacted Populations

- Black/African American individuals
- American Indian/Alaska native
- People experiencing homelessness
- People with low income
- People with undocumented status
- Older adults
- Adolescents

# Community Survey Findings



1638 Survey Respondents

## Top Health Concerns/Issues

- Anxiety, depression, and other mental health conditions
- Substance use (opioid use, stimulant use, etc.) and access to substance use treatment
- Obesity
- Older adult health
- Diabetes
- Marijuana use (smoke, vape, and edibles)
- Alcohol use
- Cancer
- Adolescent/teen health
- Children's health
- Heart Disease and Stroke
- Alzheimer's disease/dementia

\*~20% or more of the respondents

## Barriers to Care

- Access to affordable housing
- Access to affordable, high-quality health care/medical services, including mental health, oral/dental health, and sexual health services
- Access to affordable, healthy food
- Access to affordable and convenient public transportation
- Access to quality, affordable childcare
- Opportunities for better-paying jobs and financial stability
- Child abuse and neglect
- Domestic and sexual violence
- Private Transportation

\*~20% or more of the respondents

# Criteria for Identifying Significant Health Needs



## Secondary Data

Topic score of 1.64 or higher



## Key Informant Interviews, Listening Sessions, Focus Groups

Frequency topic was discussed during interviews



## Community Survey

Selected by 20% or more of respondents as a priority health issue

# Top Health Needs Emerged as Significant

Health Topic (alphabetical order)	Key Informant Interview	Listening Sessions	Focus Groups	Community Survey	Secondary Data
Adolescent Health	✓	✓		✓	
Cancer				✓	✓
Children's Health				✓	✓
Chronic Conditions (Diabetes, Heart Disease and Stroke)	✓	✓	✓	✓	✓
Mental Health and Mental Disorders	✓	✓	✓	✓	✓
Older Adults	✓	✓		✓	✓
Substance Use Disorders (Alcohol, and Drug Use including Marijuana)	✓	✓		✓	✓
Wellness and Lifestyle including Obesity	✓	✓	✓	✓	✓






# Health Topic Findings from Community Input and Secondary Data

# Gauge and Icon Overview

Red  is bad, green  is good, blue  is not statistically different/neutral.

## Compared to Distribution

-  the value is in the best half of communities.
-  the value is in the 2nd worst quarter of communities.
-  the value is in the worst quarter of communities.






## Compared to Target

-  meets target;  does not meet target.




## Compared to a Single Value





-  lower than the comparison value;  higher than the comparison value;  not statistically different from comparison value.

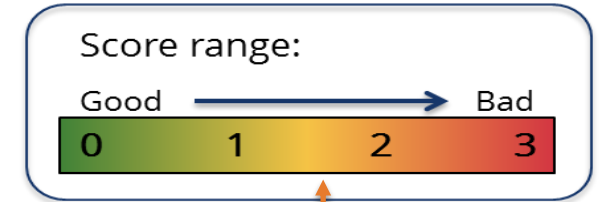
## Trend

-   non-significant change over time;   significant change over time;  no change over time.

## Compared to Prior Value

-  higher than the previous measurement period;  lower than the previous measurement period;  no statistically different change from previous measurement period.

-  Significantly **better** than the overall value
-  Significantly **worse** than the overall value
-  No significant difference with the overall value
-  No data on significance available



**Topic Score: 1.67**

Topic score ranked 4<sup>th</sup> worst among all topics based on secondary data analysis.

# Adolescent Health Overview

## Community Feedback

- **1 in 4 (26%)** community survey respondents identified Adolescent/teen health as one of the health issues of concern in Calhoun County.
- There is a **gap in mental health services for youth in the county**, particularly for SUD (Substance Use Disorder) treatment and detox facilities.
- The **need for early education**, such as free preschool programs, is viewed as a way to address long-term health outcomes by improving literacy and life opportunities for children, which could help prevent future health disparities.
- **Mobile health units** are helping to increase children's access to healthcare and education on self-care, with efforts targeting school-based interventions.



"Child welfare – some families have had negative experiences with large systems, so there is an avoidance, like getting healthcare."

- Key informant



# Cancer Overview

## Indicators of Concern

- Age-Adjusted Death Rate due to Cancer
- All Cancer Incidence Rate
- Breast Cancer Incidence Rate
- Lung and Bronchus Cancer Incidence Rate
- Age-Adjusted Death Rate due to Lung Cancer
- Colorectal Cancer Incidence Rate

## Community Feedback

- **More than 1 in 4 (27%)** community survey respondents identified Cancer as one of the health issues of most significant concern in Calhoun County.
- **Populations most affected:** Male, Black/African American

Score range:



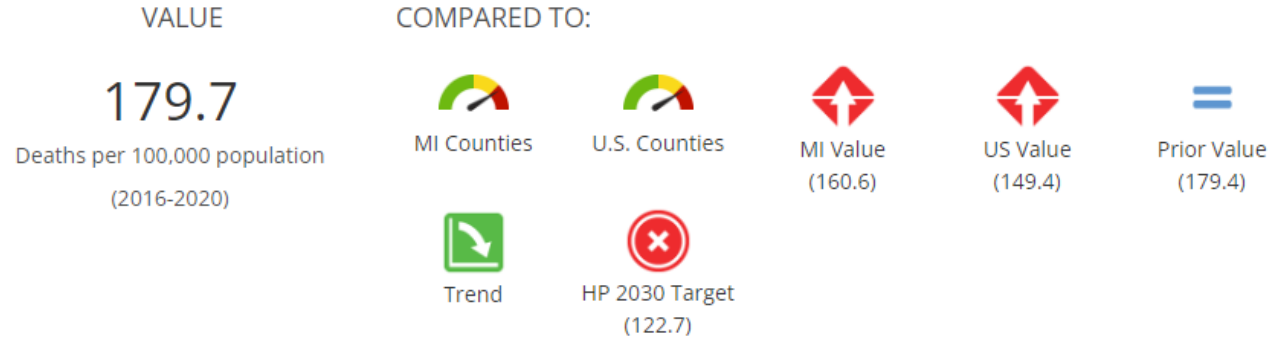
**Topic Score: 1.67**

Topic score ranked 4<sup>th</sup> worst among all topics based on secondary data analysis.

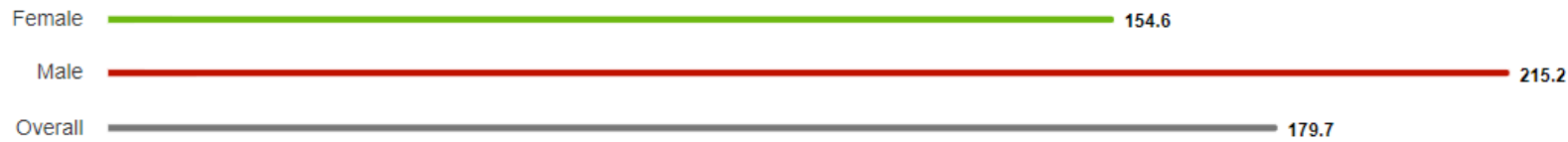
# Indicators of Concern: Cancer

## County: Calhoun

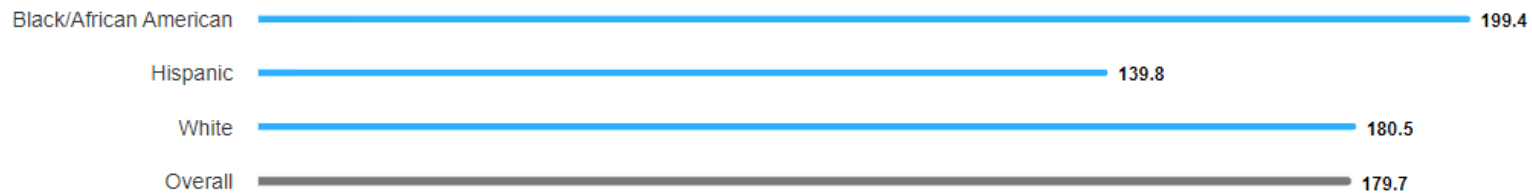
### Age-Adjusted Death Rate due to Cancer



### Age-Adjusted Death Rate due to Cancer by Gender

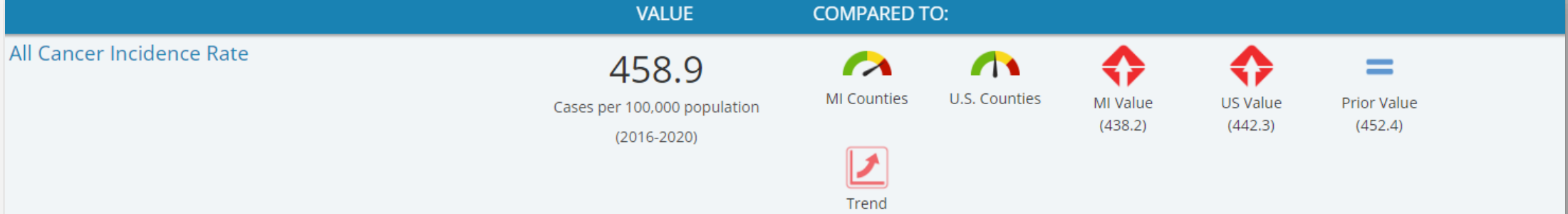


### Age-Adjusted Death Rate due to Cancer by Race/Ethnicity



# Indicators of Concern: Cancer

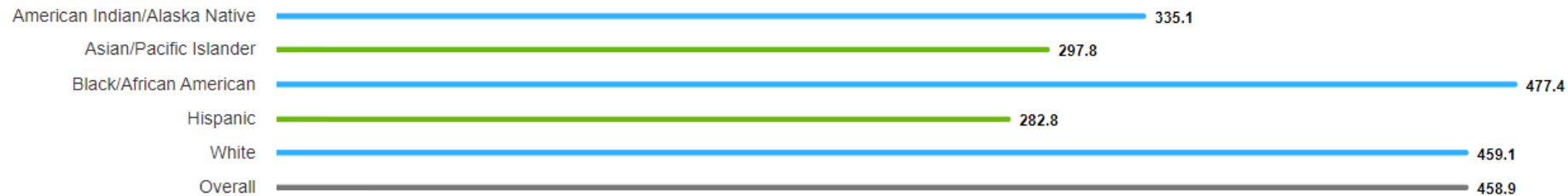
## County: Calhoun



### All Cancer Incidence Rate by Gender









### All Cancer Incidence Rate by Race/Ethnicity

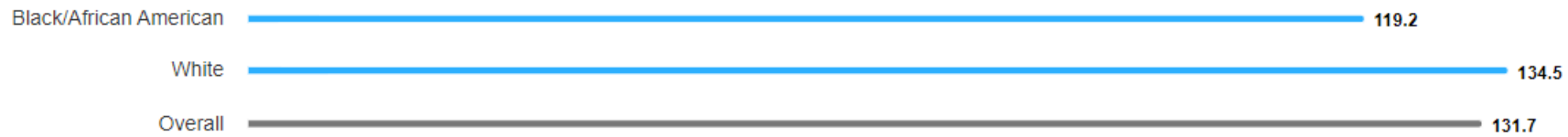


# Indicators of Concern: Cancer

## County: Calhoun

	VALUE	COMPARED TO:				
Breast Cancer Incidence Rate	131.7	 MI Counties	 U.S. Counties	 MI Value (122.7)	 US Value (127.0)	 Prior Value (124.7)
	Cases per 100,000 females (2016-2020)					
		 Trend				

### Breast Cancer Incidence Rate by Race/Ethnicity



# Indicators of Concern: Cancer

## County: Calhoun

### Lung and Bronchus Cancer Incidence Rate

VALUE

66.0

Cases per 100,000 population  
(2016-2020)

COMPARED TO:



MI Counties



U.S. Counties



MI Value  
(59.6)



US Value  
(54.0)



Prior Value  
(71.4)



Trend

### Lung and Bronchus Cancer Incidence Rate by Gender



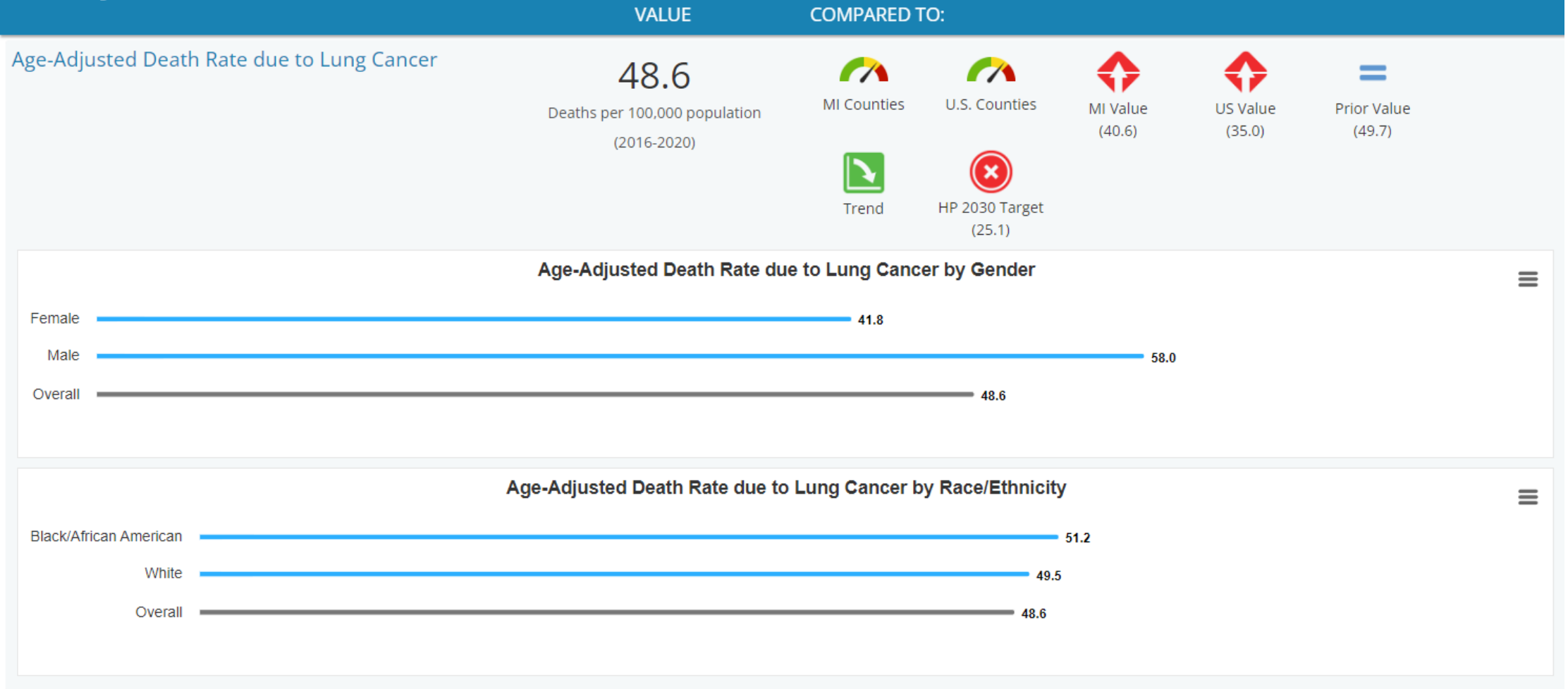
### Lung and Bronchus Cancer Incidence Rate by Race/Ethnicity



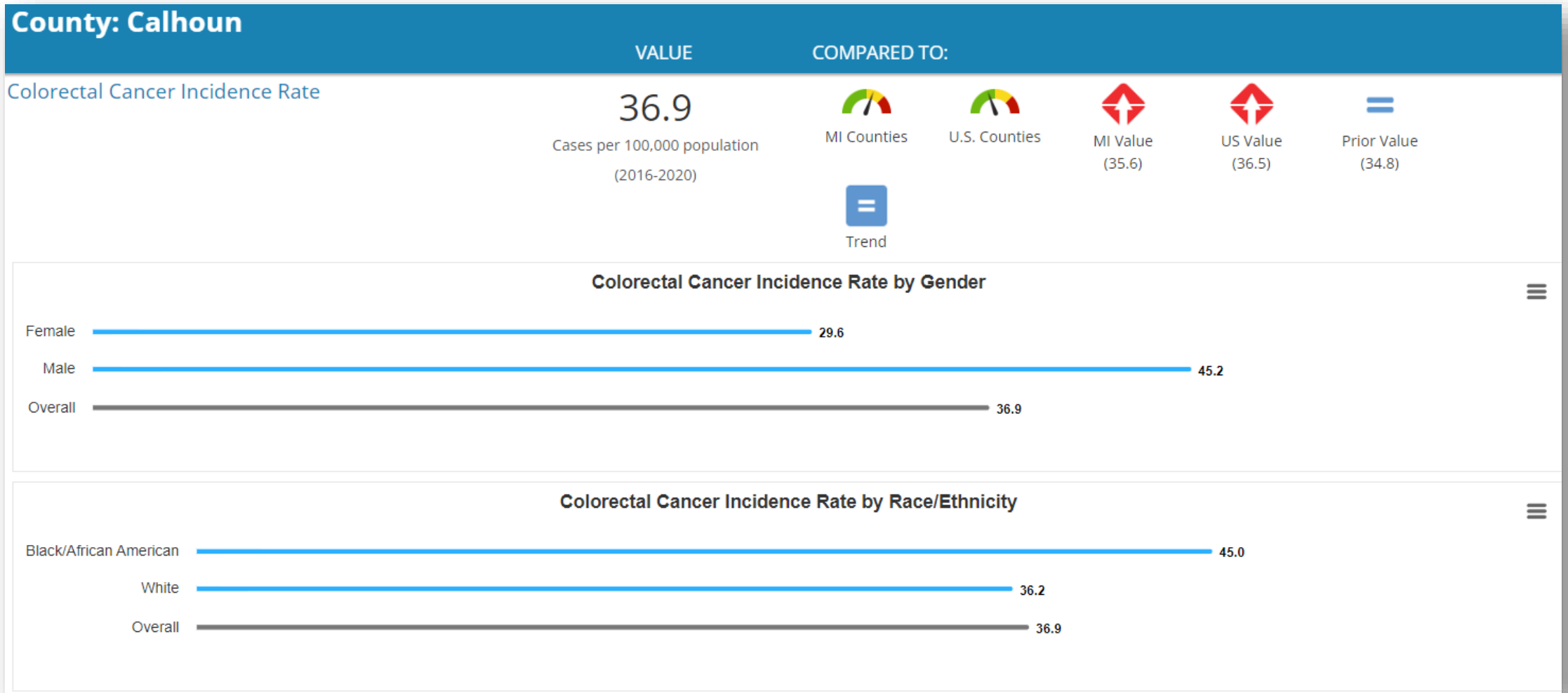


# Indicators of Concern: Cancer

## County: Calhoun



# Indicators of Concern: Cancer



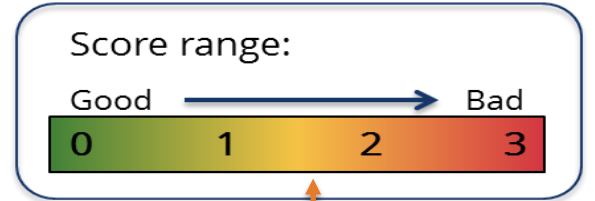
# Children's Health Overview

## Indicators of Concern

- Child Food Insecurity Rate
- Home Child Care Spending-to-Income Ratio
- Immunization Status of 19-to 35-Month-Old Children
- Substantiated Child Abuse Rate

## Community Feedback

- **1 in 4 (25%)** community survey respondents identified Children's Health as one of the most significant concerns in Calhoun County.
- **1 in 4 (24.3%)** community survey respondents think child abuse and neglect is a concerning issue in Calhoun County.



**Topic Score: 1.77**

Topic score ranked 3<sup>rd</sup> worst among all topics based on secondary data analysis.

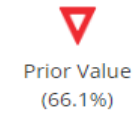
# Indicators of Concern: Children's Health

## County: Calhoun

Immunization Status of 19 to 35-Month-Old Children

VALUE  
64.9%  
(2022)

COMPARED TO:



## Community / Social Environment

### County: Calhoun

Child Abuse Rate

VALUE  
22.5  
Cases per 1,000 children  
(2023)

COMPARED TO:



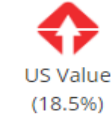
## Economy / Food Insecurity

### County: Calhoun

Child Food Insecurity Rate

VALUE  
19.9%  
(2022)






COMPARED TO:

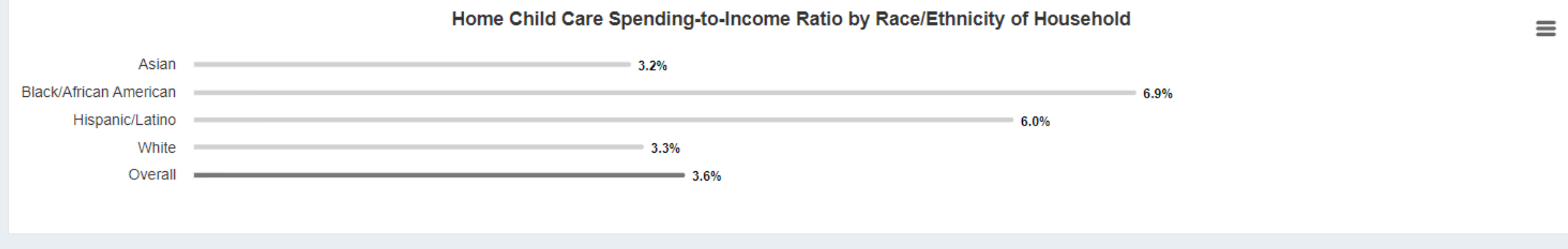


# Indicators of Concern: Children's Health

## County: Calhoun

Home Child Care Spending-to-Income Ratio

VALUE	COMPARED TO:				
3.6%	 MI Counties	 U.S. Counties	 MI Value (3.2%)	 US Value (3.4%)	 Prior Value (3.9%)
(2024)					



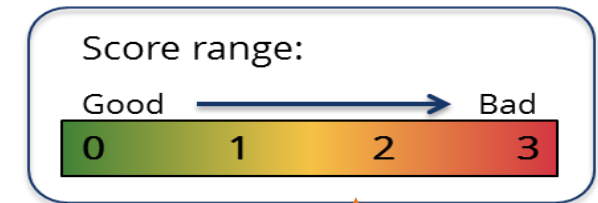
# Chronic Conditions (*Diabetes and Heart Disease and Stroke*) Overview

## Indicators of Concern

- Age-Adjusted Death Rate due to Diabetes
- Diabetes: Medicare Population
- Age-Adjusted Death Rate due to Cerebrovascular Disease (Stroke)
- High Blood Pressure Prevalence

## Community Feedback

- **1 in 3 (32%)** community survey respondents identified Diabetes as one of the most significant concerns in Calhoun County.
- **1 in 4 (24%)** community survey respondents identified heart disease and stroke are one of the most significant concerns in Calhoun County.
- Factors like **lack of access to nutritious food, walkable neighborhoods, and essential wellness** contribute to higher rates of obesity, stroke, and heart disease. **Better environmental support** is needed to promote healthy lifestyles.
- Community members expressed a **need for increased education** on chronic conditions like Diabetes, Heart Disease, and Stroke, highlighting a significant **gap in health literacy**.
- More emphasis on **the need for healthcare staff to dedicate more time to educating patients about the medications and treatment options** available for managing these chronic conditions.



### Topic Score: 1.78

Diabetes ranked 2<sup>nd</sup> worst among all topics based on secondary data analysis.

# Community Voices

“

"Lack of food. Lack of ability for basic wellness. Walkability in neighborhoods. The lack of these things is the barrier to improving. Obesity, stroke, and heart disease were high. If you build it, they will come. Are we environmentally structured in a way that promotes healthy activity?"

- Key informant

”

“

"There's the increase in diabetes, the increase which aligns directly with the amount of how our food is being infused with crap. So we're eating more."

- Key informant

”

# Indicators of Concern: Chronic Conditions

## Age-Adjusted Death Rate due to Diabetes

County: Calhoun

Measurement Period: 2020-2022

County: Calhoun

37.1

deaths/ 100,000 population

Source: Michigan Department of Health and Human Services

Measurement period: 2020-2022

Maintained by: Conduent Healthy Communities Institute

Last update: February 2024

COMPARED TO



MI Counties



MI Value

(26.1)



US Value

(24.8 in 2020)



Prior Value

(39.4)



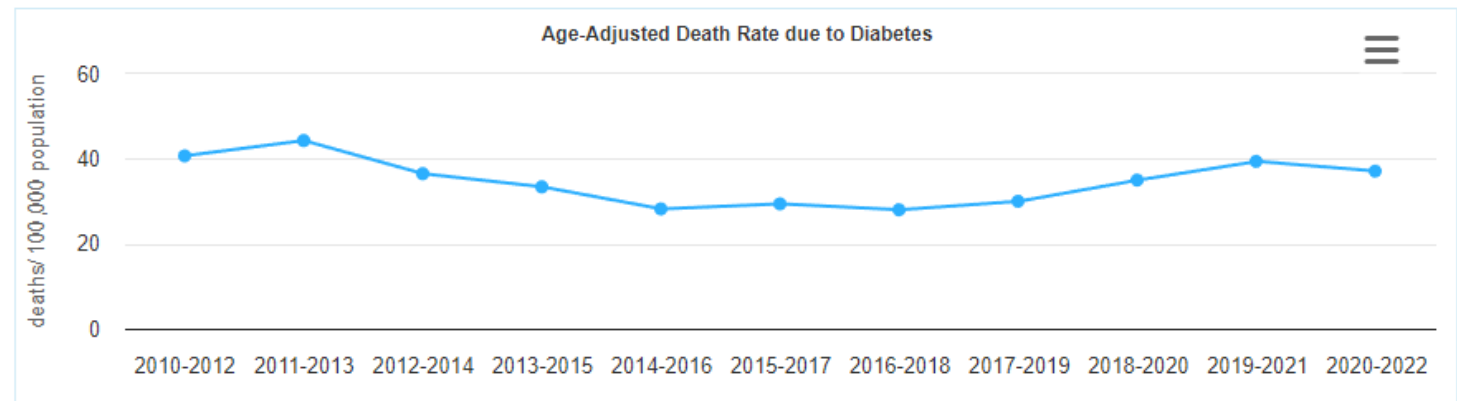
Trend

**Technical note:** Rates for previous years may not reflect the most recent revisions made by the Michigan Department of Community Health. Please consult the source for the most current rates.

### Graph Selections

#### INDICATOR VALUES

Change over Time

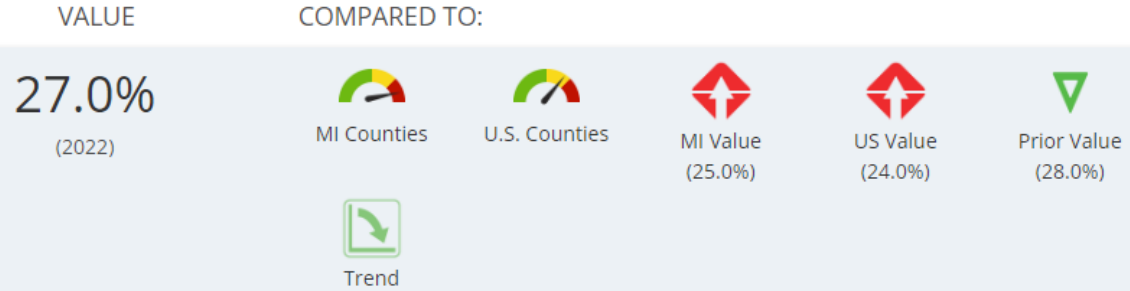




# Indicators of Concern: Chronic Conditions

## County: Calhoun

### Diabetes: Medicare Population



### Diabetes: Medicare Population by Gender



### Diabetes: Medicare Population by Race/Ethnicity



# Indicators of Concern: Chronic Conditions

## Age-Adjusted Death Rate due to Cerebrovascular Disease (Stroke) ▾

County: Calhoun ▾

Measurement Period: 2020-2022 ▾

County: Calhoun 

# 52.0

deaths/ 100,000 population

Source: Michigan Department of Health and Human Services

Measurement period: 2020-2022

Maintained by: Conduent Healthy Communities Institute

Last update: February 2024

COMPARED TO



MI Counties



MI Value

(44.7)



US Value

(38.8 in 2020)



Prior Value

(48.6)



Trend



HP 2030 Target

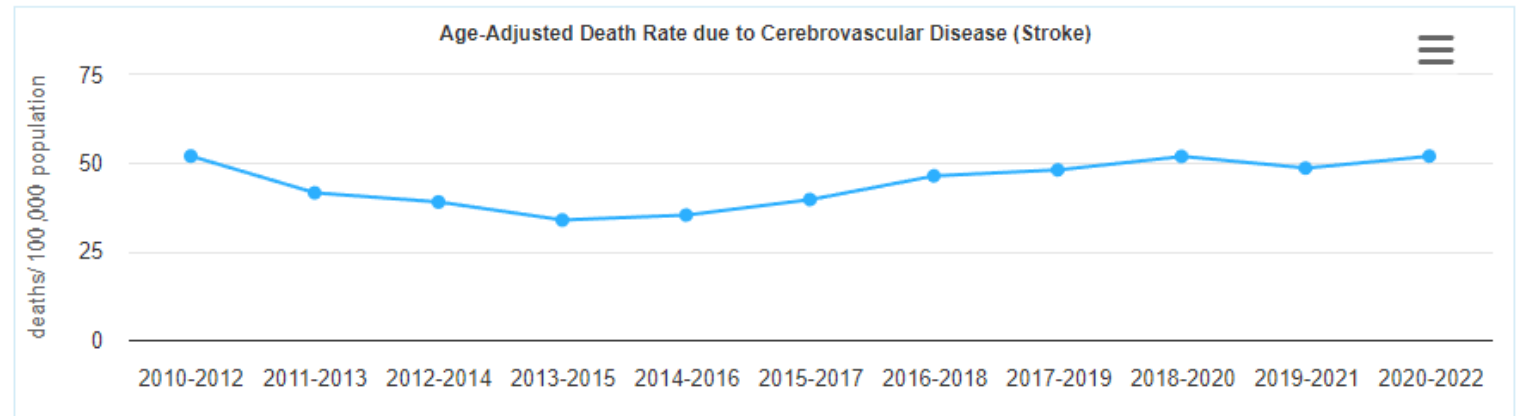
(33.4)

**Technical note:** Rates for previous years may not reflect the most recent revisions made by the Michigan Department of Community Health. Please consult the source for the most current rates.

### Graph Selections

#### INDICATOR VALUES

Change over Time



# Indicators of Concern: Chronic Conditions

## High Blood Pressure Prevalence

County: Calhoun

Measurement Period: 2019-2021

County: Calhoun

44.3%

Source: Michigan BRFSS

Measurement period: 2019-2021

Maintained by: Conduent Healthy Communities Institute

Last update: January 2023

Graph Selections

INDICATOR VALUES

Change over Time

COMPARED TO



MI Value  
(35.2%)



US Value  
(32.4% in 2021)



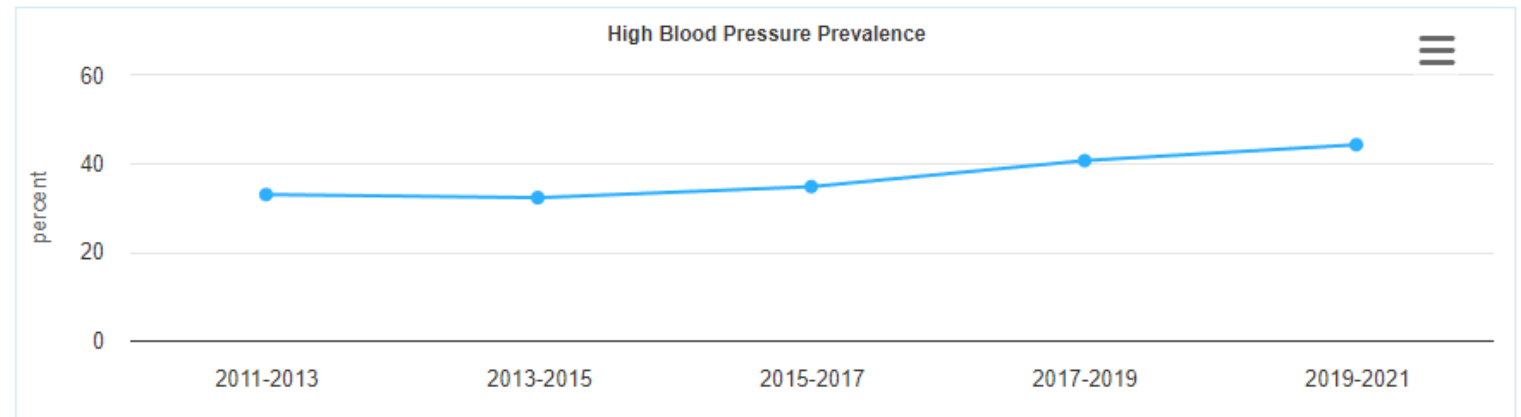
Prior Value  
(40.7%)



Trend



HP 2030 Target  
(41.9%)



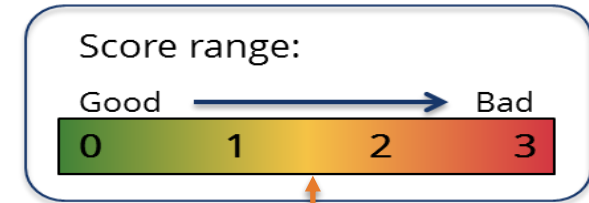
# Mental Health and Mental Disorders Overview

## Indicators of Concern

- Depression: Medicare Population
- Poor Mental Health: 14+ Days
- Age-Adjusted Death Rate due to Alzheimer's Disease
- Adults Ever Diagnosed with Depression
- Middle School Students who Attempted Suicide
- Middle School Students who Felt Sad or Hopeless
- Middle School Students who Seriously Considered Attempting Suicide

## Community Feedback

- **71% of** community survey respondents identified Mental Health as the most significant concern in Calhoun County.
- Community members expressed concerns about the **high cost of therapy and the lack of insurance coverage for mental health services**. As a result, some individuals **turn to alcohol and drugs as a coping mechanism** for their mental health challenges.
- **Non-English-speaking people face more stress** due to language barriers
- **Transportation challenges exacerbate** the lack of access to mental health and wellness resources, requiring solutions that bring resources to where people are, especially in underserved areas.



## Topic Score: 1.66

Topic score ranked 6<sup>th</sup> worst among all topics based on secondary data analysis.









"If you don't have good mental health, it will be harder for you to find resources, find a job, take care of yourself/children, go to the doctor, or care about your physical health."

- Key informant








# Indicators of Concern: Mental Health and Mental Disorders

## County: Calhoun

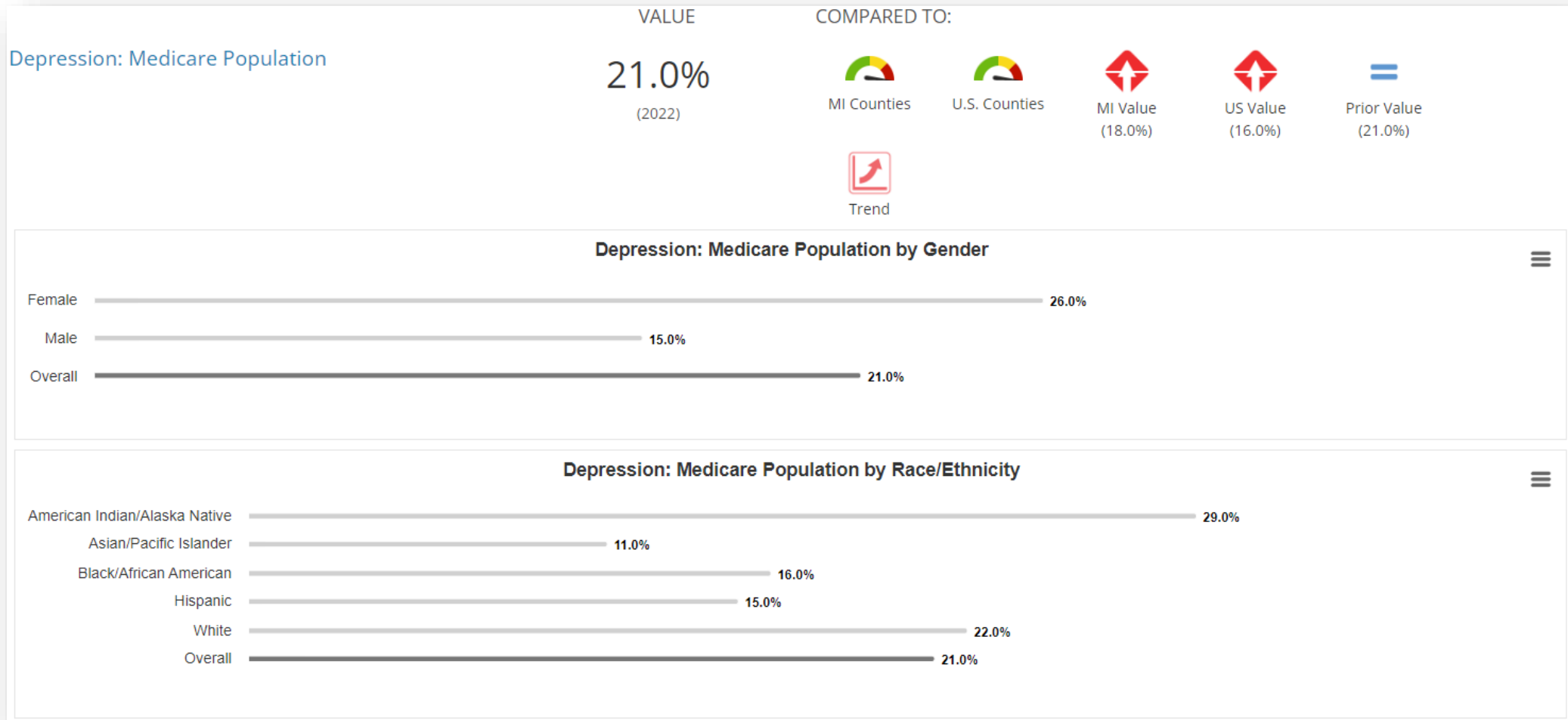
	VALUE	COMPARED TO:		
Adults Ever Diagnosed with Depression	23.9% (2021)	 MI Counties	 U.S. Counties	 US Value (19.5%)
Poor Mental Health: 14+ Days	20.6% (2020-2022)	 MI Value (16.0%)	 Prior Value (18.9%)	 Trend

## Health / Older Adults

### County: Calhoun

	VALUE	COMPARED TO:				
Age-Adjusted Death Rate due to Alzheimer's Disease	45.1 Deaths per 100,000 population (2018-2022)	 MI Counties	 MI Value (34.4)	 US Value (32.4 in 2020)	 Prior Value (46.1)	 Trend

# Indicators of Concern: Mental Health and Mental Disorders

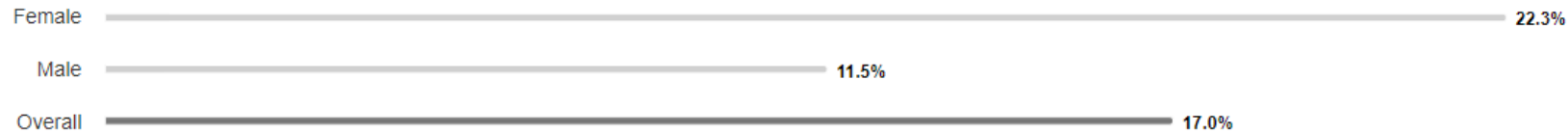


# Indicators of Concern: Mental Health and Mental Disorders

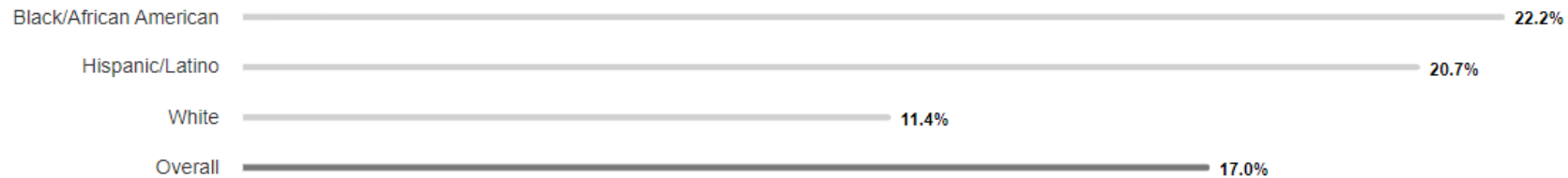
## County: Calhoun

	VALUE	COMPARED TO:	
Middle School Students who Attempted Suicide	17.0%	 Prior Value (11.6%)	 Trend
	Percent of Students (2021-2022 School Year)		

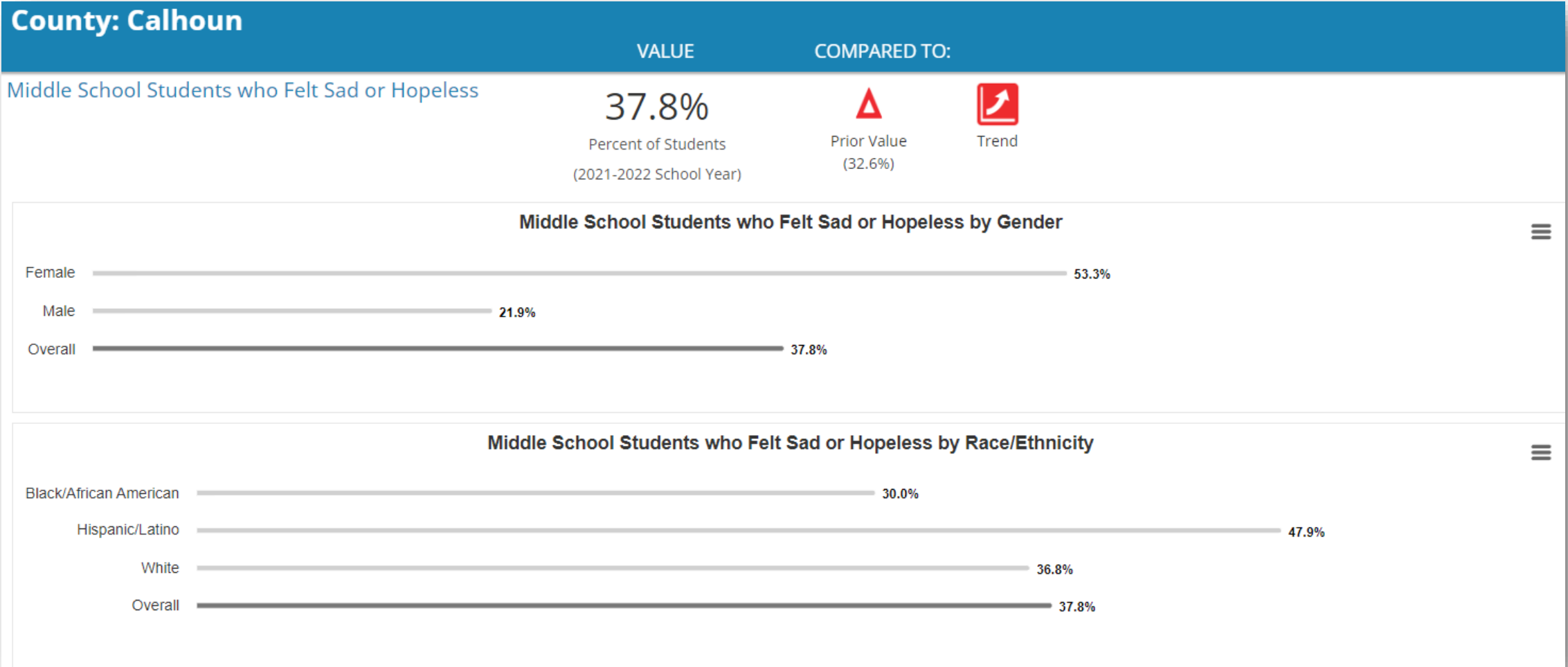
### Middle School Students who Attempted Suicide by Gender



### Middle School Students who Attempted Suicide by Race/Ethnicity





# Indicators of Concern: Mental Health and Mental Disorders

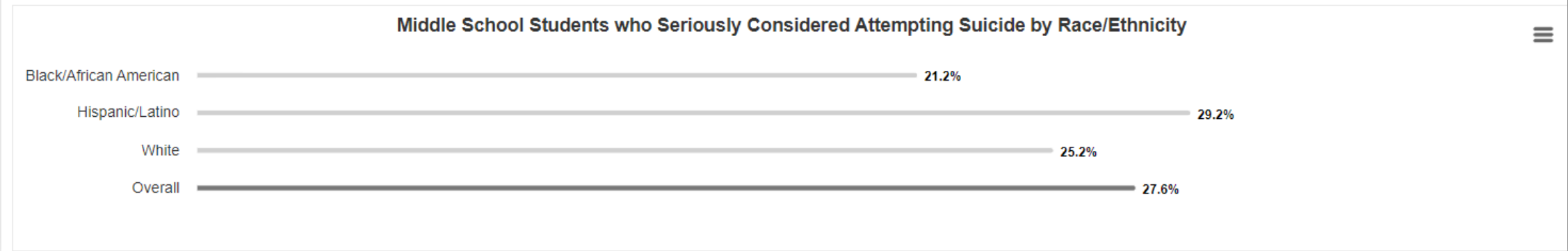
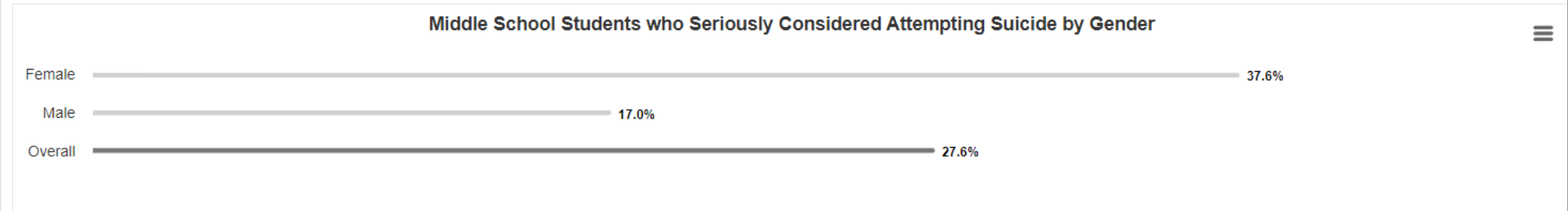




# Indicators of Concern: Mental Health and Mental Disorders

## County: Calhoun

	VALUE	COMPARED TO:	
Middle School Students who Seriously Considered Attempting Suicide	27.6%		
	Percent of Students (2021-2022 School Year)	Prior Value (26.2%)	Trend



# Mental Health Index

A measure of social determinants and health factors correlated with poor mental health

**Index Validation:** Conduent's Mental Health Index considers validated indicators from the six topic areas shown.

**National Index Value:** All zip codes are given an index value from 0 (low need) to 100 (high need) based on its value compared to all zip codes in the U.S.

**Local Ranking:** Zip codes are ranked from 1 (low need) to 5 (high need) based on their index value compared to other zip codes within the local area.

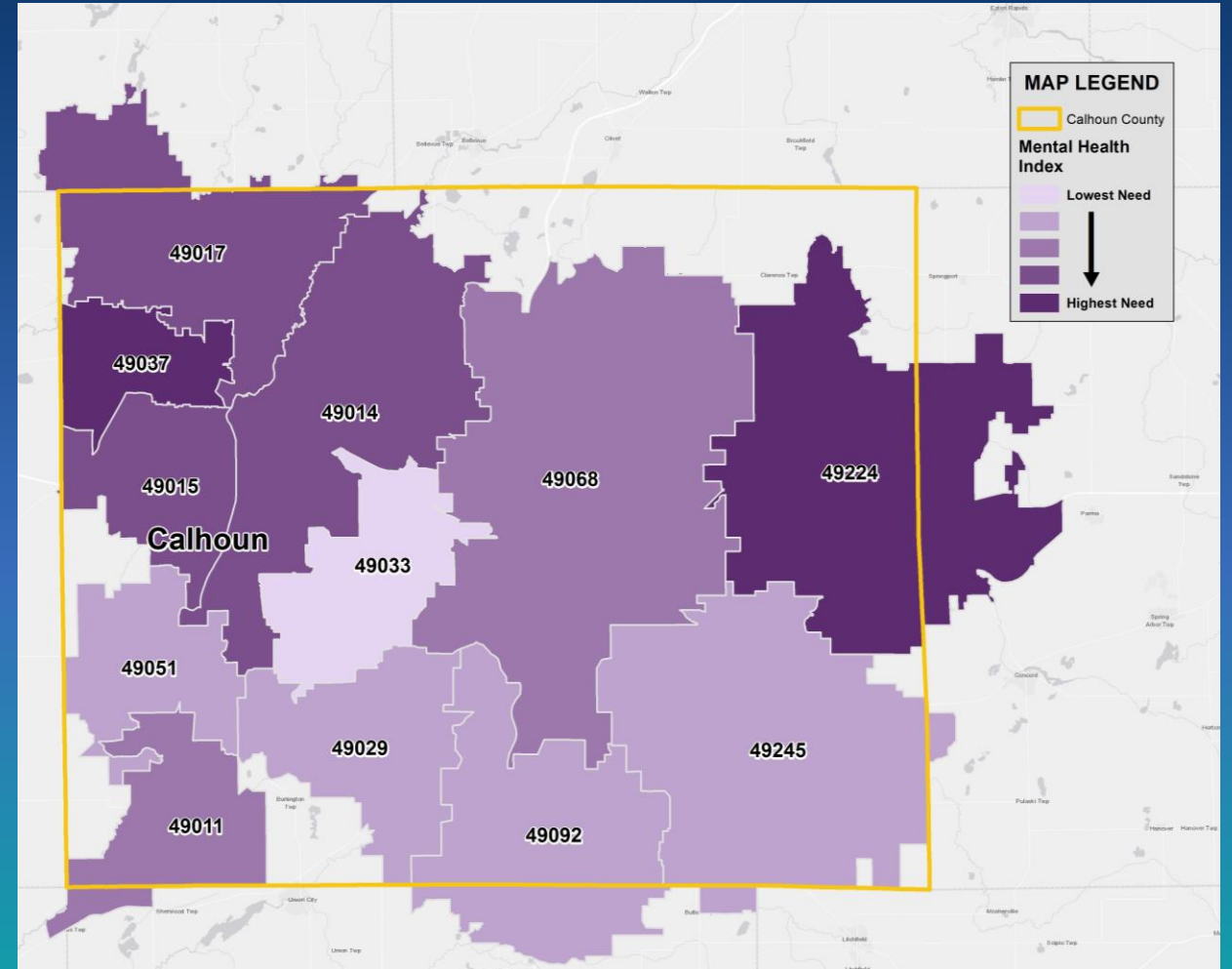
Disability	Employment	Health Care Access
Health Insurance	Household Environment	Transportation



# Mental Health Index

**What high index values mean:** Communities with the highest index values are estimated to have the highest socioeconomic and health needs correlated with self-reported poor mental health.

Highest Need Zip Codes	Index Score 0 (lowest need) -100 (highest need)
49037	97.8
49224	90.7
49017	85.7



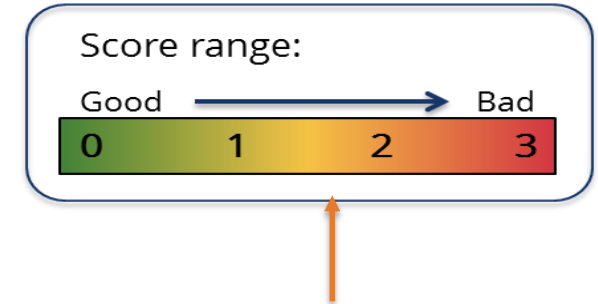
# Older Adults Overview

## Indicators of Concern

- Depression: Medicare Population
- People 65+ Living Below Poverty Level
- COPD: Medicare Population
- Chronic Kidney Disease: Medicare Population
- Rheumatoid Arthritis or Osteoarthritis: Medicare Population
- Diabetes: Medicare Population
- Age-Adjusted Death Rate due to Alzheimer's Disease

## Community Feedback

- **1 in 4 (33.4%)** community survey respondents identified Older Adult Health as one of the most significant concerns in Calhoun County.
- Older adults face **transportation challenges**, complicating their access to food and health care services.
- **Health literacy** is a significant barrier for seniors.
- **Populations most affected:** Hispanic/Latino



## Topic Score: 1.64

Topic score ranked 7<sup>th</sup> worst among all topics based on secondary data analysis.

# Community Voices



" Food insecurity, especially with older adults. Countywide food summit. Inviting a core group of those addressing food insecurity in the county. Has a significant impact from a health perspective. From an equity perspective, we've got to work together to ensure that low-income older adults are aware of in-cash offers for support (SNAP, food stamps, etc.). Not only informed but can get assistance with paperwork, etc. Long-term – wrote a grant to get organizations involved in this space (food and older adults) to work together to bring food to people where they are at."

- Key informant



" The Latino community has probably been here since about the 1950s. We go back quite a bit, and our elderly, when they hit retirement age, they're being told, well, go back to your ranch or go back to your country, where you're from. But all this, the kids and everybody now grandkids, are in the US, so there's nowhere to go back to, and they're ending up becoming a burden on the families. And it gets hard because they're being put in tough spots, and we know they won't get government benefits because they're not citizens. So this is one that is just kind of, I think, showing it, but it's common; it's here quite honestly."

- Key informant

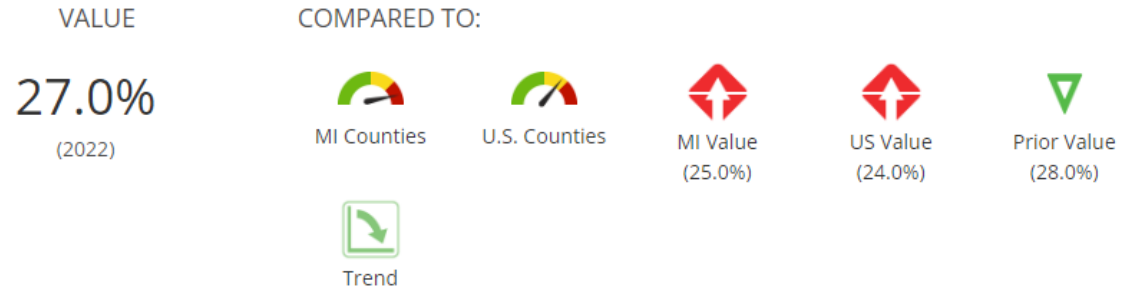


# Indicators of Concern: Older Adults

## Health / Diabetes

County: Calhoun

Diabetes: Medicare Population



### Diabetes: Medicare Population by Gender



### Diabetes: Medicare Population by Race/Ethnicity



# Indicators of Concern: Older Adults

## Health / Mental Health & Mental Disorders

County: Calhoun

Depression: Medicare Population

VALUE  
21.0%  
(2022)

COMPARED TO:



MI Counties



U.S. Counties



MI Value  
(18.0%)



US Value  
(16.0%)



Prior Value  
(21.0%)

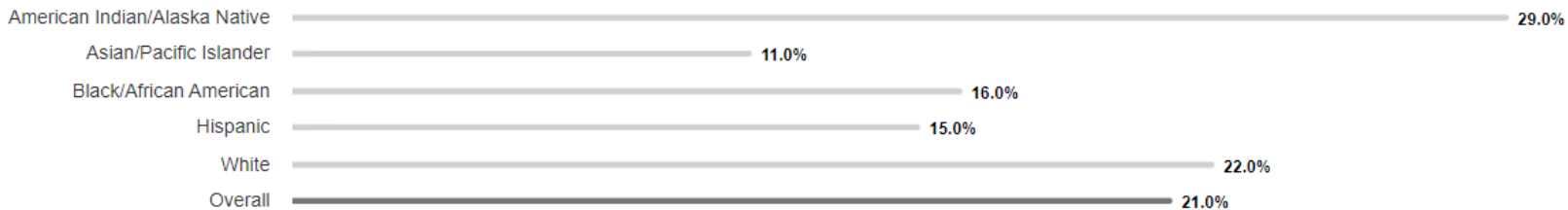


Trend

### Depression: Medicare Population by Gender



### Depression: Medicare Population by Race/Ethnicity



# Indicators of Concern: Older Adults

## Age-Adjusted Death Rate due to Alzheimer's Disease

County: Calhoun

Measurement Period: 2018-2022

County: Calhoun

45.1

deaths/ 100,000 population

Source: Michigan Department of Health and Human Services

Measurement period: 2018-2022

Maintained by: Conduent Healthy Communities Institute

Last update: February 2024

### Graph Selections

#### INDICATOR VALUES

Change over Time

COMPARED TO



MI Counties



MI Value

(34.4)



US Value

(32.4 in 2020)



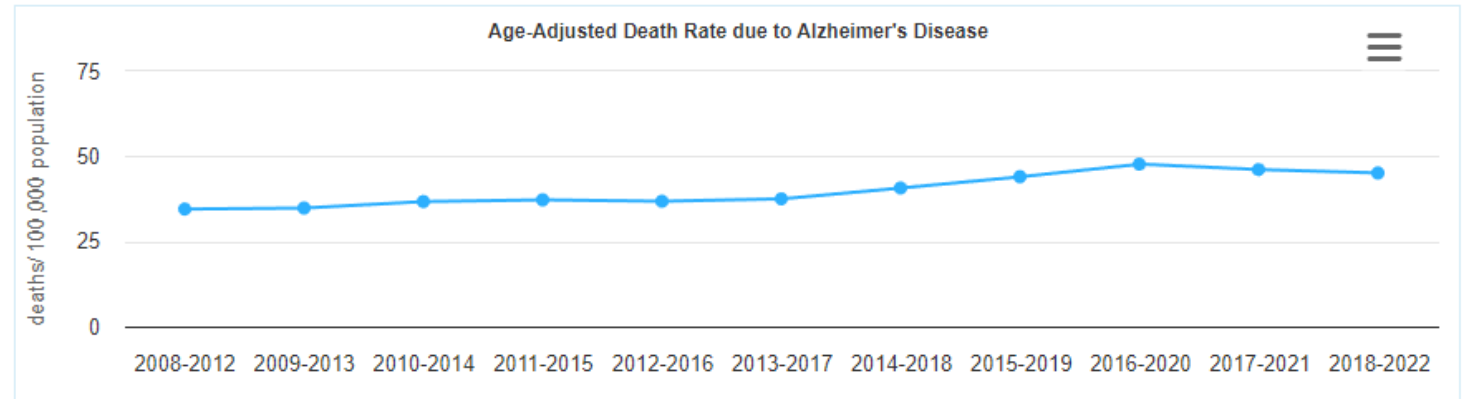
Prior Value

(46.1)



Trend

**Technical note:** Rates for previous years may not reflect the most recent revisions made by the Michigan Department of Community Health. Please consult the source for the most current rates.

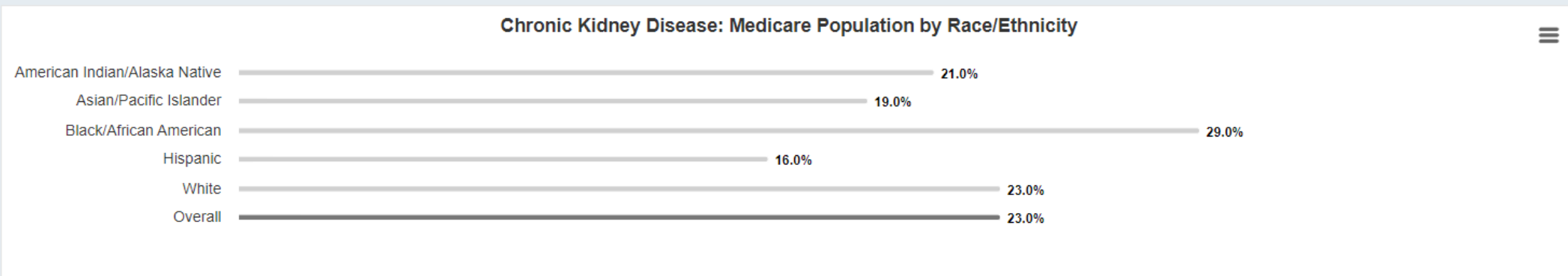
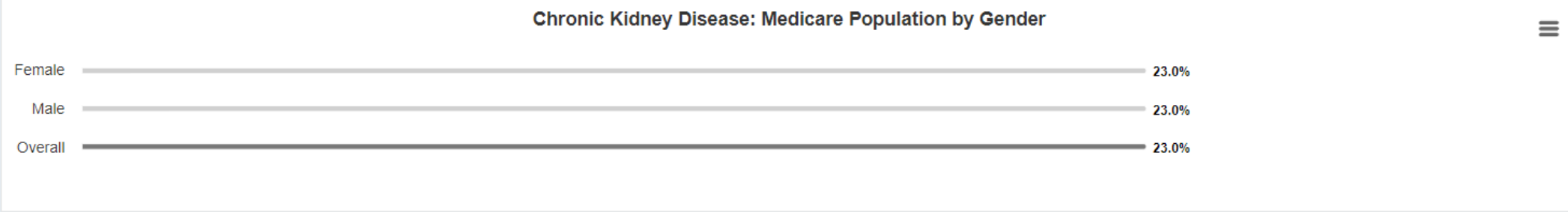
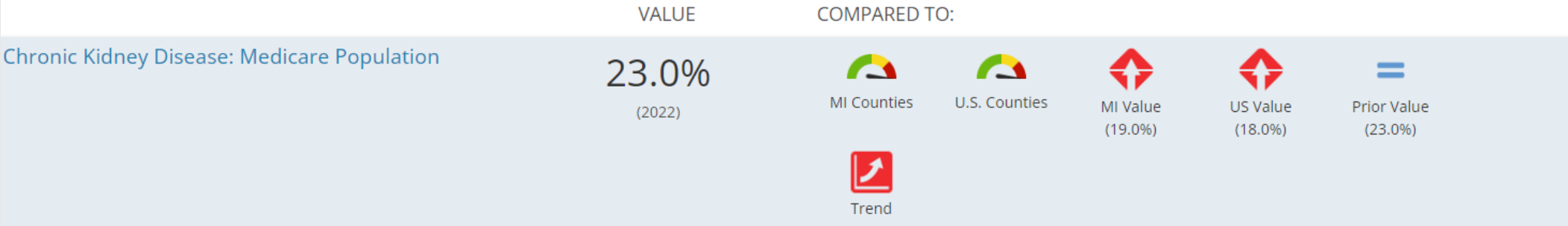




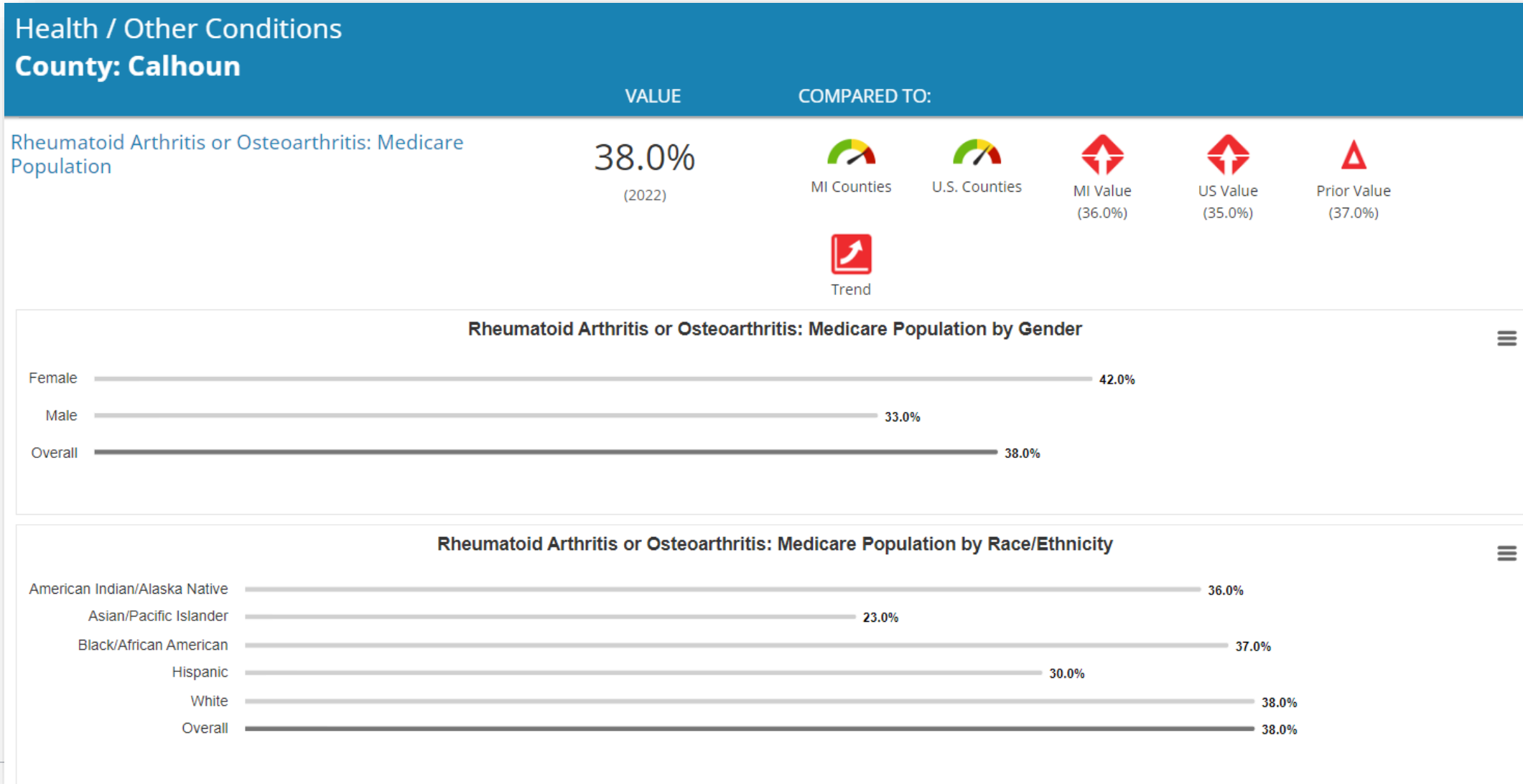
# Indicators of Concern: Older Adults

## Health / Other Conditions

County: Calhoun



# Indicators of Concern: Older Adults



# Indicators of Concern: Older Adults

## Health / Respiratory Diseases

County: Calhoun

COPD: Medicare Population

VALUE

15.0%  
(2022)

COMPARED TO:



MI Counties



U.S. Counties



MI Value  
(13.0%)



US Value  
(11.0%)



Prior Value  
(15.0%)

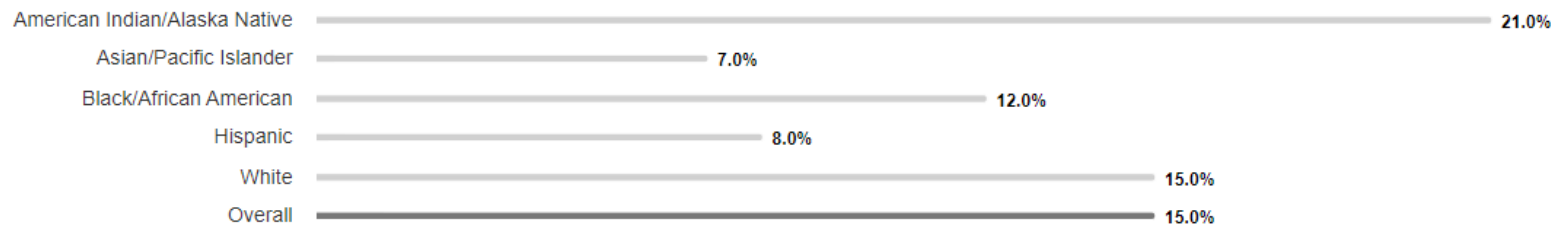


Trend

### COPD: Medicare Population by Gender



### COPD: Medicare Population by Race/Ethnicity



# Indicators of Concern: Older Adults

## Economy / Poverty

County: Calhoun

People 65+ Living Below Poverty Level

VALUE  
10.2%  
(2018-2022)

COMPARED TO:



MI Counties



U.S. Counties



MI Value  
(9.0%)

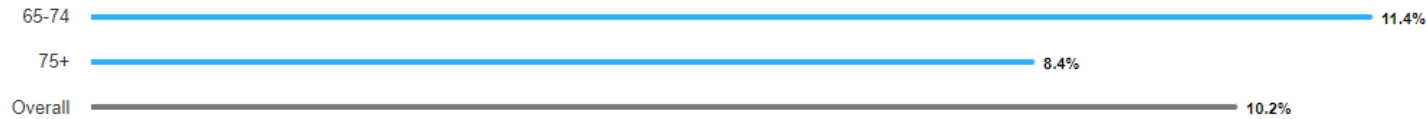


US Value  
(10.0%)

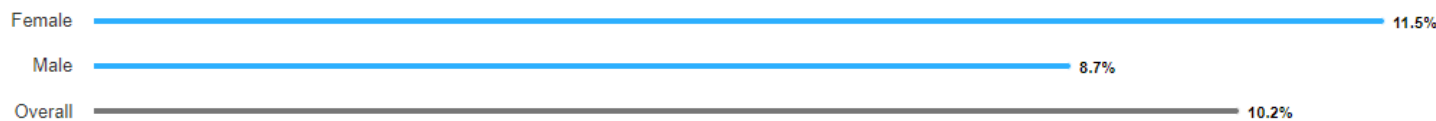


Trend

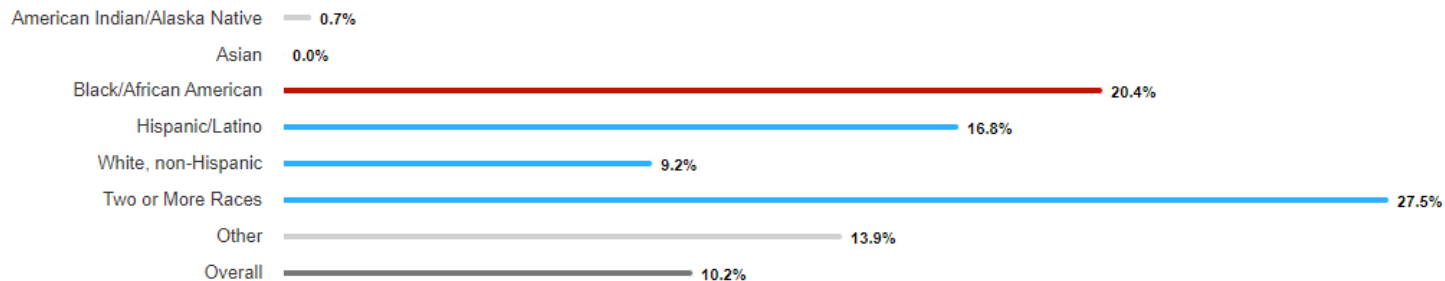
People 65+ Living Below Poverty Level by Age



People 65+ Living Below Poverty Level by Gender



People 65+ Living Below Poverty Level by Race/Ethnicity



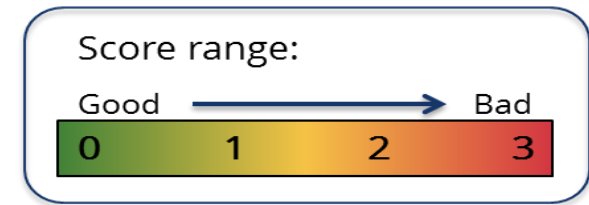
# Substance Use Disorders Overview

## Indicators of Concern

- Age-Adjusted Drug and Opioid-Involved Overdose Death Rate
- Alcohol-Impaired Driving Deaths
- Liquor Store Density
- Death Rate due to Opioid-Related Drug Poisoning

## Community Feedback

- **More than half (53%)** of community survey respondents identified Substance use (opioid use, stimulant use, etc.) and access to substance use treatment as one of the most significant concerns in Calhoun County.
- Community members expressed concerns about the legalization of marijuana and ongoing issues like the free flow of opioids that complicate efforts to tackle substance use disorders.
- Some individuals **turn to alcohol and drugs as a coping mechanism** for their mental health challenges.



**Topic Score: 1.67**

Topic score ranked 5th worst among all topics based on secondary data analysis.

# Indicators of Concern: Substance Use Disorders

## Death Rate due to Opioid-Related Drug Poisoning

County: Calhoun

Measurement Period: 2021

County: Calhoun

40.4

deaths/ 100,000 population

Source: Michigan Substance Use Data Repository

Measurement period: 2021

Maintained by: Conduent Healthy Communities Institute

Last update: May 2023

### Graph Selections

#### INDICATOR VALUES

Change over Time

COMPARED TO



MI Counties



MI Value

(25.3)

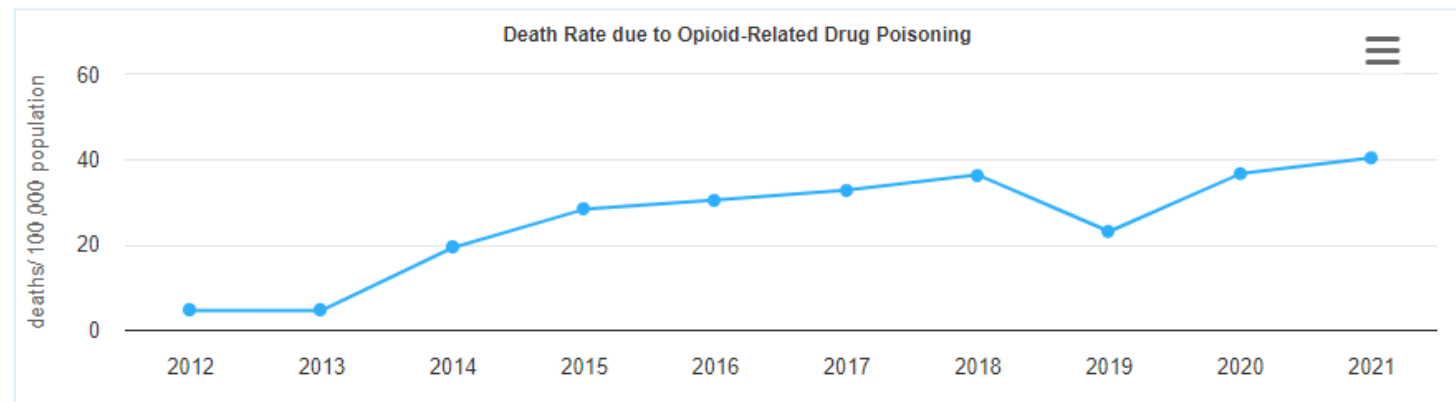


Prior Value

(36.7)



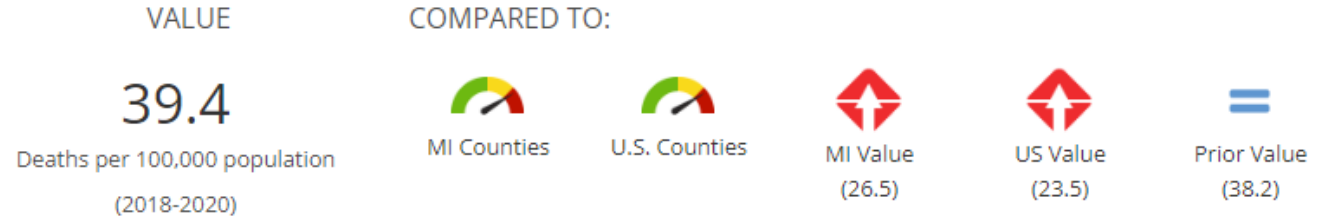
Trend



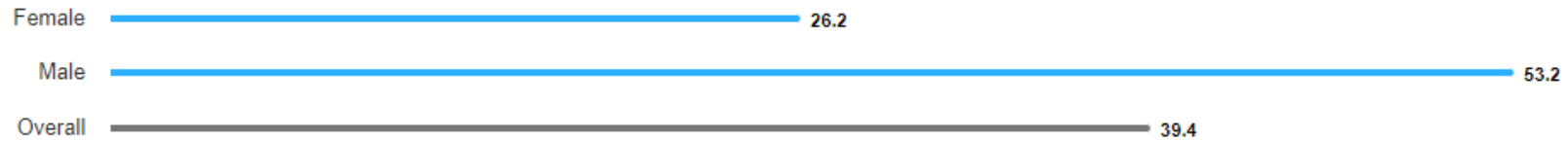
# Indicators of Concern: Substance Use Disorders

## County: Calhoun

### Age-Adjusted Drug and Opioid-Involved Overdose Death Rate



#### Age-Adjusted Drug and Opioid-Involved Overdose Death Rate by Gender



#### Age-Adjusted Drug and Opioid-Involved Overdose Death Rate by Race/Ethnicity



# Indicators of Concern: Substance Use Disorders

## Alcohol-Impaired Driving Deaths

County: Calhoun

Measurement Period: 2017-2021

County: Calhoun

38.4%

percent of driving deaths with alcohol involvement

Source: County Health Rankings

Measurement period: 2017-2021

Maintained by: Conduent Healthy Communities Institute

Last update: April 2024

### Graph Selections

#### INDICATOR VALUES

Change over Time

COMPARED TO



MI Counties



U.S. Counties



MI Value  
(30.2%)



US Value  
(26.3%)



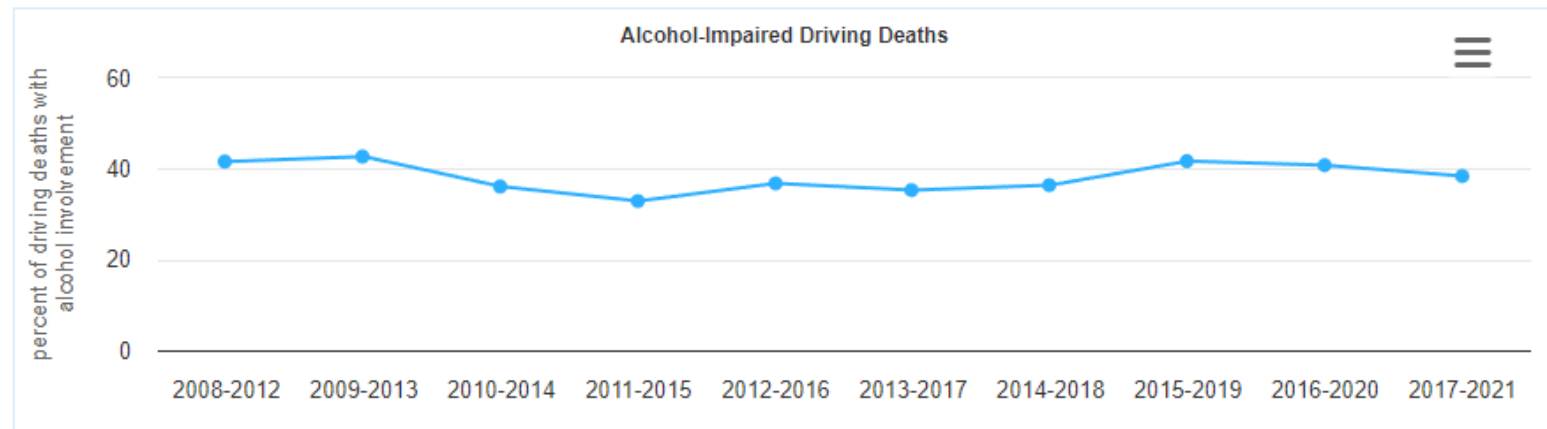
Prior Value  
(40.8%)



Trend

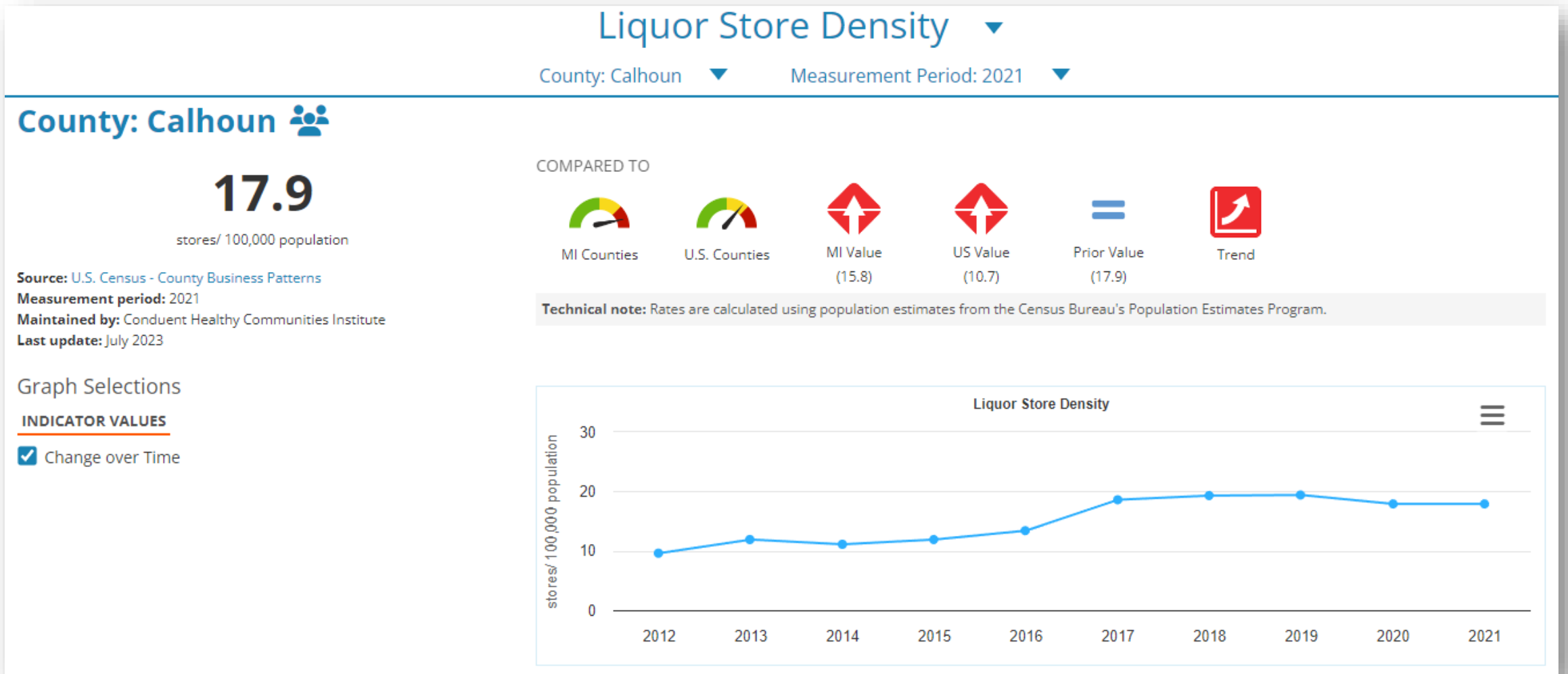
More details:

Original Source: Fatality Analysis Reporting System





# Indicators of Concern: Substance Use Disorders



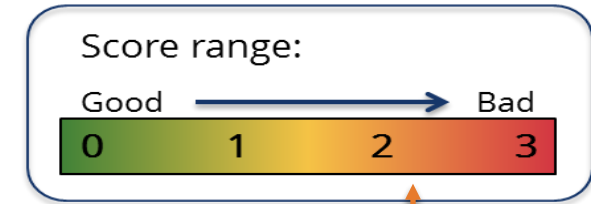
# Wellness and Lifestyle Overview

## Indicators of Concern

- Insufficient Sleep
- High Blood Pressure Prevalence
- Self-Reported General Health Assessment: Poor or Fair
- Life Expectancy

## Community Feedback

- **45%** of community survey respondents identified **Obesity** as one of the most significant concerns in Calhoun County.
- **More than half (54%)** of survey respondents find **accessing healthy and affordable food difficult**.
- More emphasis on affordable and healthy food, walkable neighborhoods, and basic wellness infrastructure to reduce obesity



## Topic Score: 2.07

Topic score ranked 1<sup>st</sup> (worst) among all topics based on secondary data analysis.

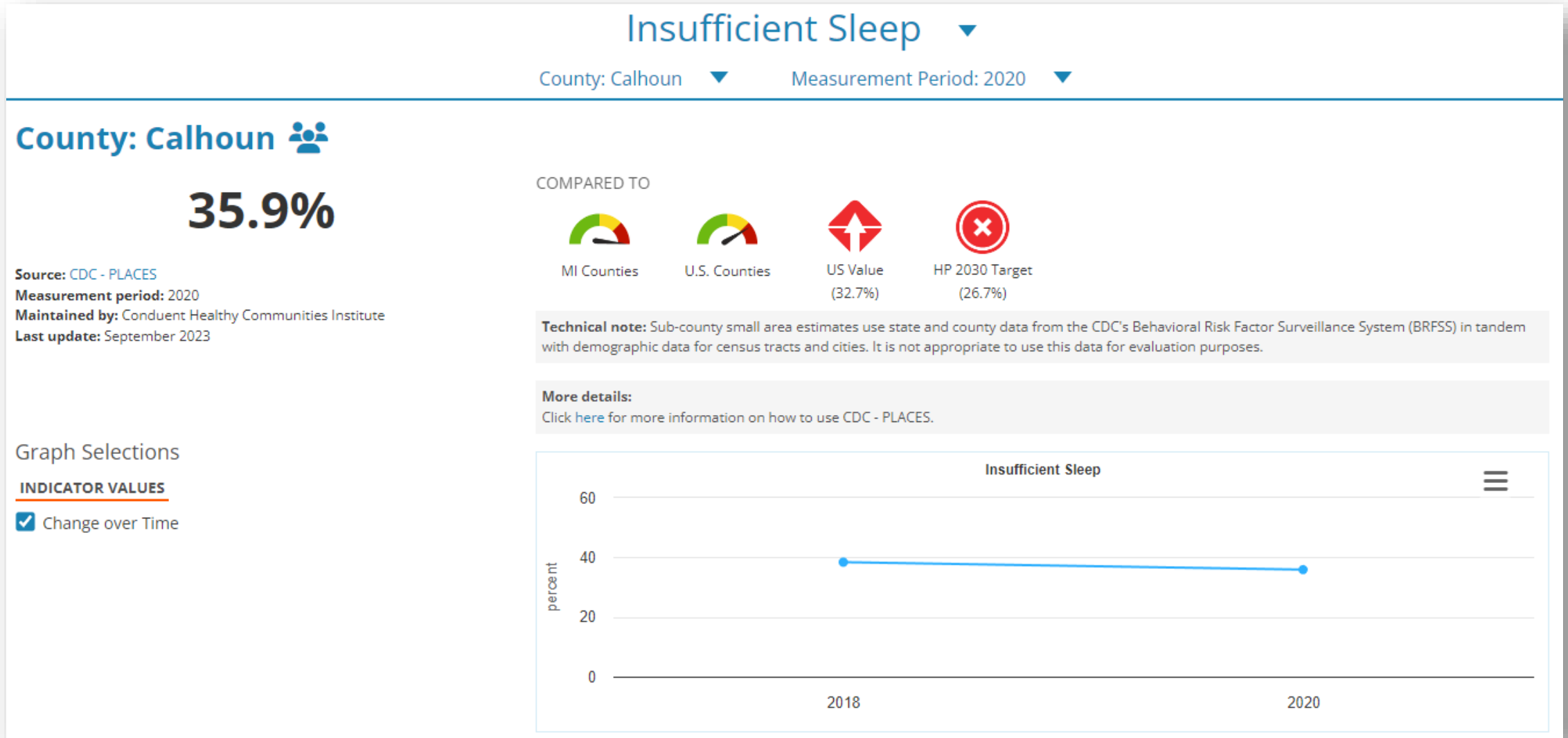


"If our kids are getting educated about how to take care of themselves, we may have a chance. Education plays a role."

- Key informant



# Indicators of Concern: Wellness and Lifestyle



# Indicators of Concern: Wellness and Lifestyle

## High Blood Pressure Prevalence

County: Calhoun

Measurement Period: 2019-2021

County: Calhoun

44.3%

Source: Michigan BRFSS

Measurement period: 2019-2021

Maintained by: Conduent Healthy Communities Institute

Last update: January 2023

COMPARED TO



MI Value  
(35.2%)



US Value  
(32.4% in 2021)



Prior Value  
(40.7%)



Trend

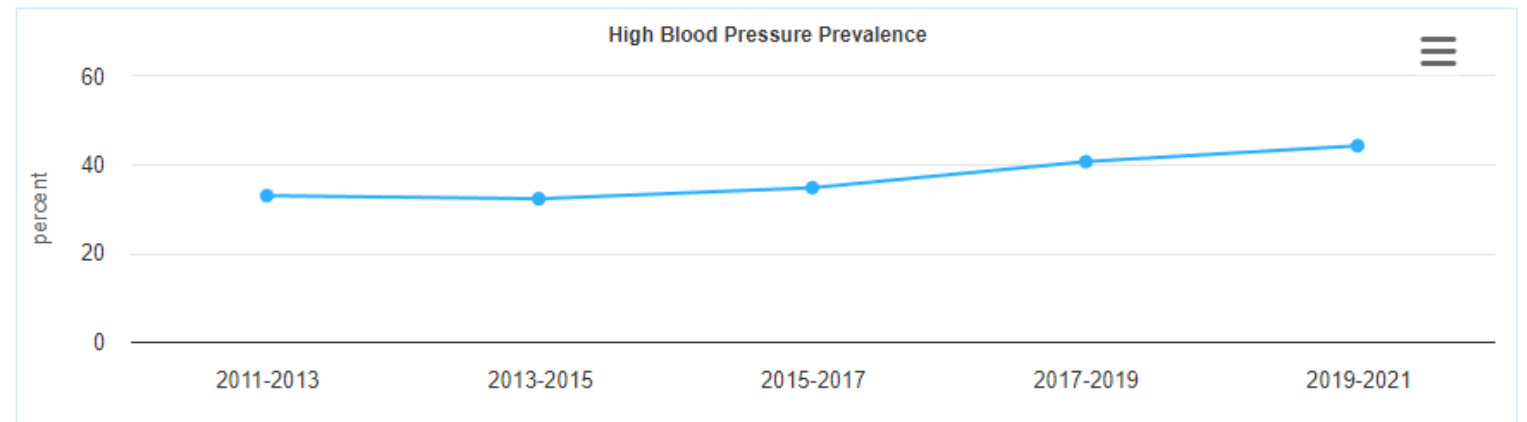


HP 2030 Target  
(41.9%)

Graph Selections

INDICATOR VALUES

Change over Time



# Indicators of Concern: Wellness and Lifestyle

## Self-Reported General Health Assessment: Poor or Fair

County: Calhoun

Measurement Period: 2020-2022

County: Calhoun

26.9%

Source: Michigan BRFSS

Measurement period: 2020-2022

Maintained by: Conduent Healthy Communities Institute

Last update: March 2024

COMPARED TO



MI Value  
(16.3%)



US Value  
(17.0% in 2022)



Prior Value  
(24.4%)

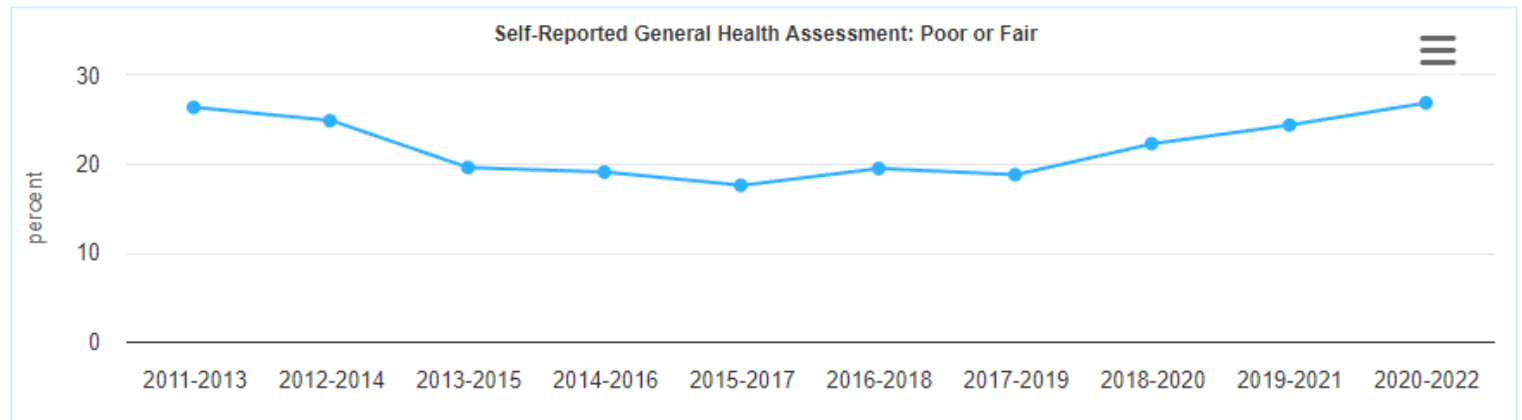


Trend

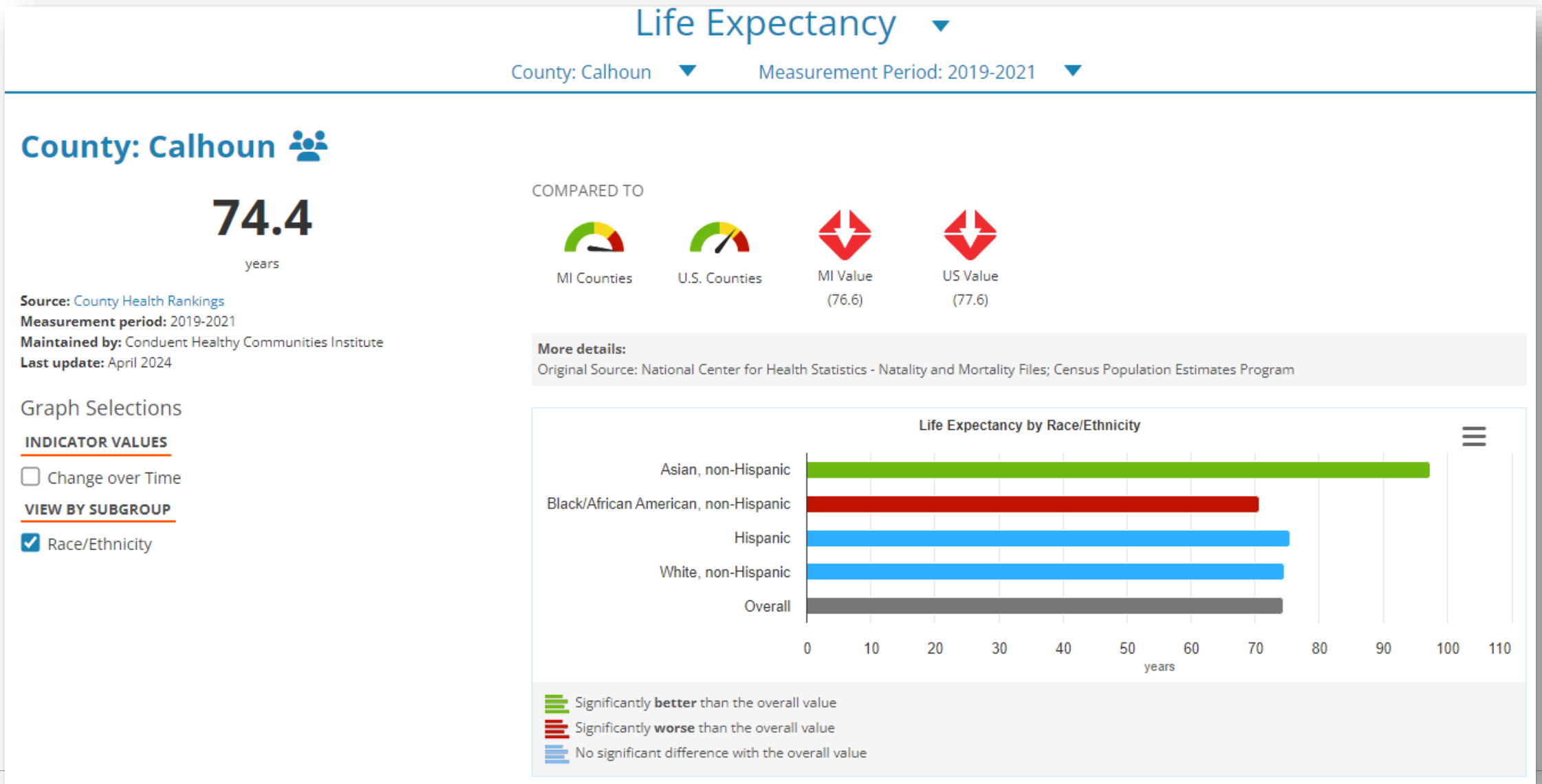
Graph Selections

INDICATOR VALUES

Change over Time



# Indicators of Concern: Wellness and Lifestyle



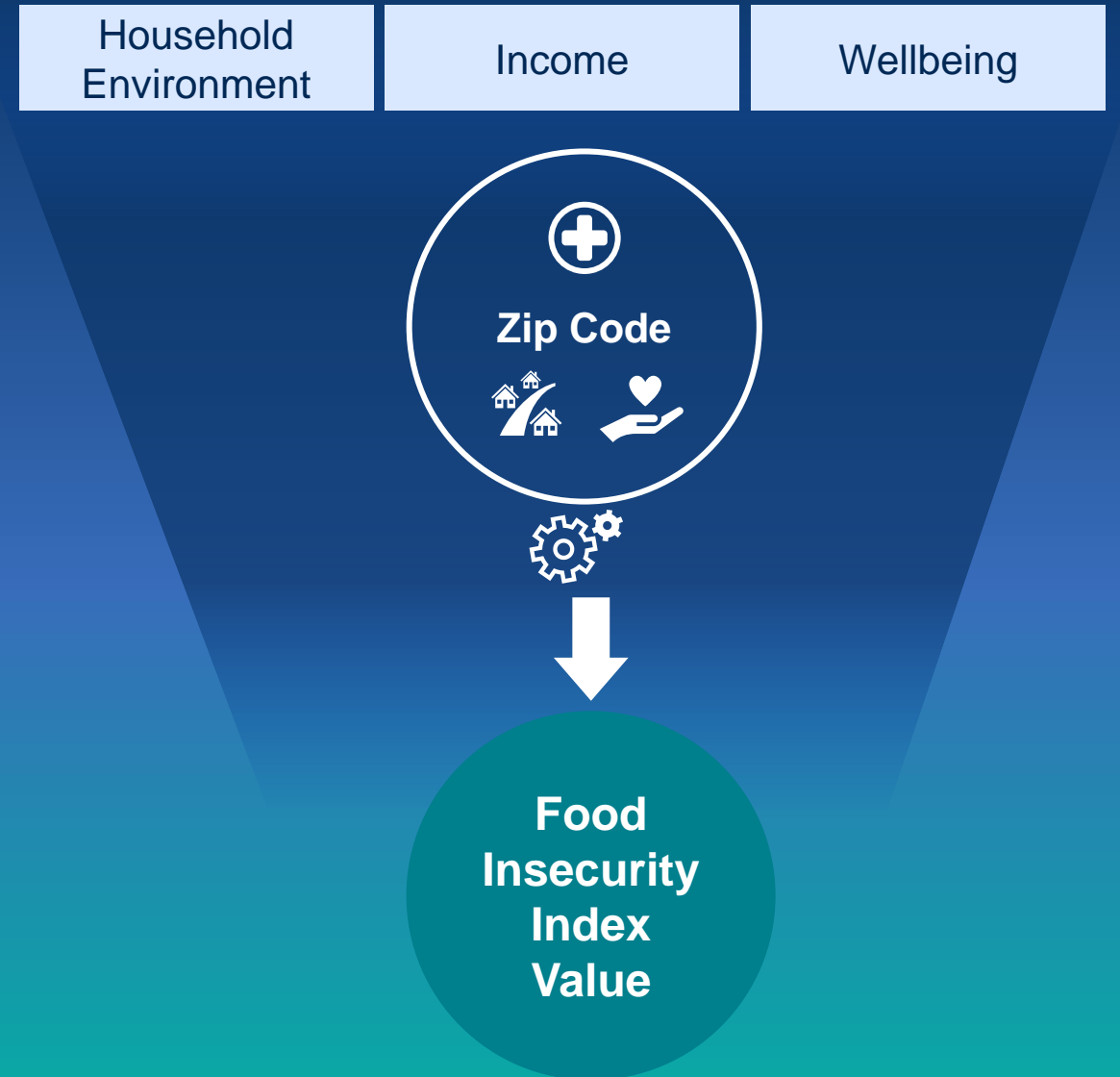
# Food Insecurity Index

A measure of economic and household hardship correlated with food access

**Index Validation:** Conduent's Food Insecurity Index considers validated indicators from the three topic areas shown.

**National Index Value:** All zip codes are given an index value from 0 (low need) to 100 (high need) based on its value compared to all zip codes in the U.S.

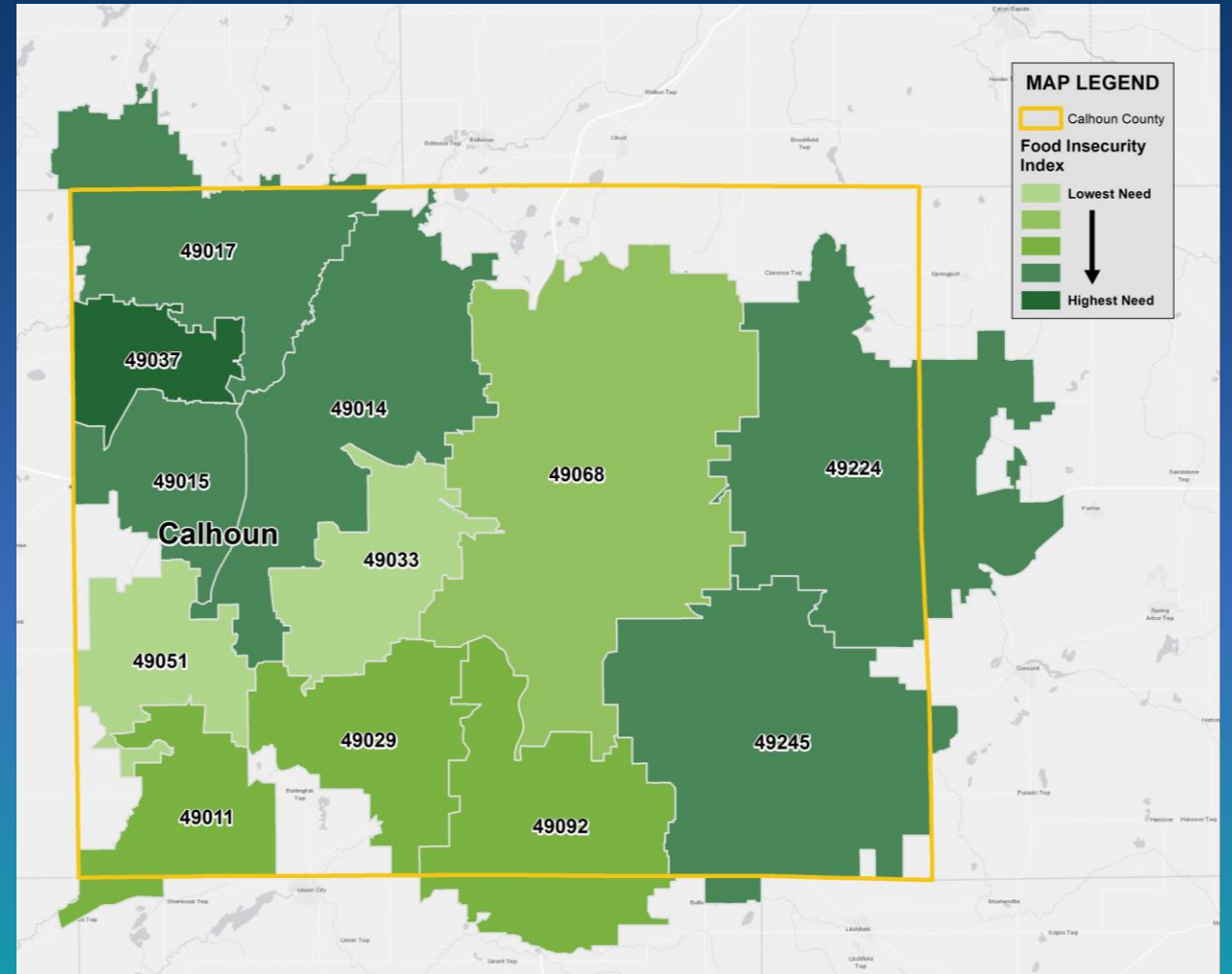
**Local Ranking:** Zip codes are ranked from 1 (low need) to 5 (high need) based on their index value compared to other zip codes within the local area.



# Food Insecurity Index

**What high index values mean:** Communities with the highest index values are estimated to have the highest food insecurity correlated with household and community measures of food-related financial stress such as Medicaid and SNAP enrollment.

Highest Need Zip Codes	Index Score 0 (lowest need) -100 (highest need)
49037	94.7
49017	78.5
49224	77.3

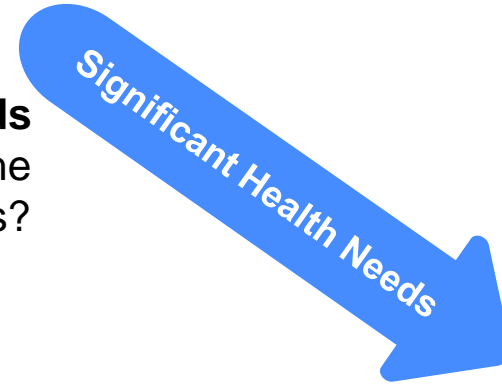




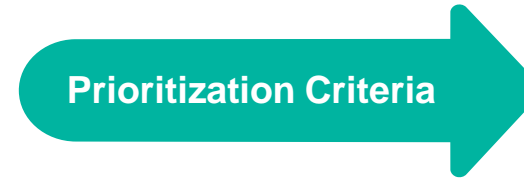
# Prioritization Activity

# Important Considerations of Prioritization

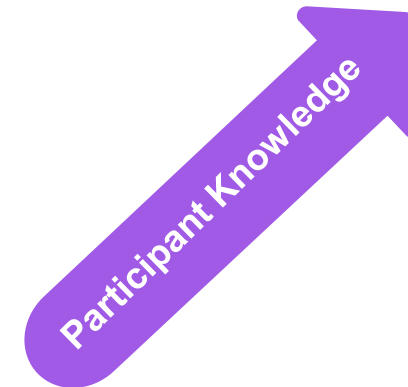
What **significant health needs** were identified during the data synthesis process?



How does the health need or area align with the **prioritization criteria**?



How do your **knowledge, experience, expertise** in this area inform your thoughts on prioritization?



# Prioritization Activity

Assign a score of 1-3 to each health topic and criterion.



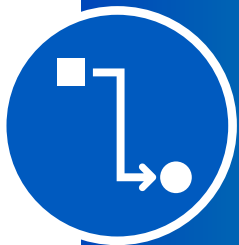
## Criteria 1: Magnitude of the Issue

*How many people in the community are or will be impacted?*

*How does the identified need impact health and quality of life?*

*Has the need changed over time?*

- 1 – Least concerning
- 2 – Somewhat concerning
- 3 – Most concerning



## Criteria 2: Ability to Impact

*Can actionable and measurable goals be defined to address the health need? Are those goals achievable in a reasonable time frame?*

*Does the hospital or health system have the expertise or resources to address the identified health need?*

*Are organizations already addressing the health issue?*

- 1 – Least ability to impact
- 2 – Some ability to Impact
- 3 – Most ability to impact

# Top Health Needs Emerged as Significant

Health Topic (alphabetical order)	Key Informant Interview	Listening Sessions	Focus Groups	Community Survey	Secondary Data
Adolescent Health	✓	✓		✓	
Cancer				✓	✓
Children's Health				✓	✓
Chronic Conditions (Diabetes, Heart Disease and Stroke)	✓	✓	✓	✓	✓
Mental Health and Mental Disorders	✓	✓	✓	✓	✓
Older Adults	✓	✓		✓	✓
Substance Use Disorders (Alcohol, and Drug Use including Marijuana)	✓	✓		✓	✓
Wellness and Lifestyle including Obesity	✓	✓	✓	✓	✓

# Prioritization Activity Form

Go to: <https://www.research.net/r/CHNAactivity2024>

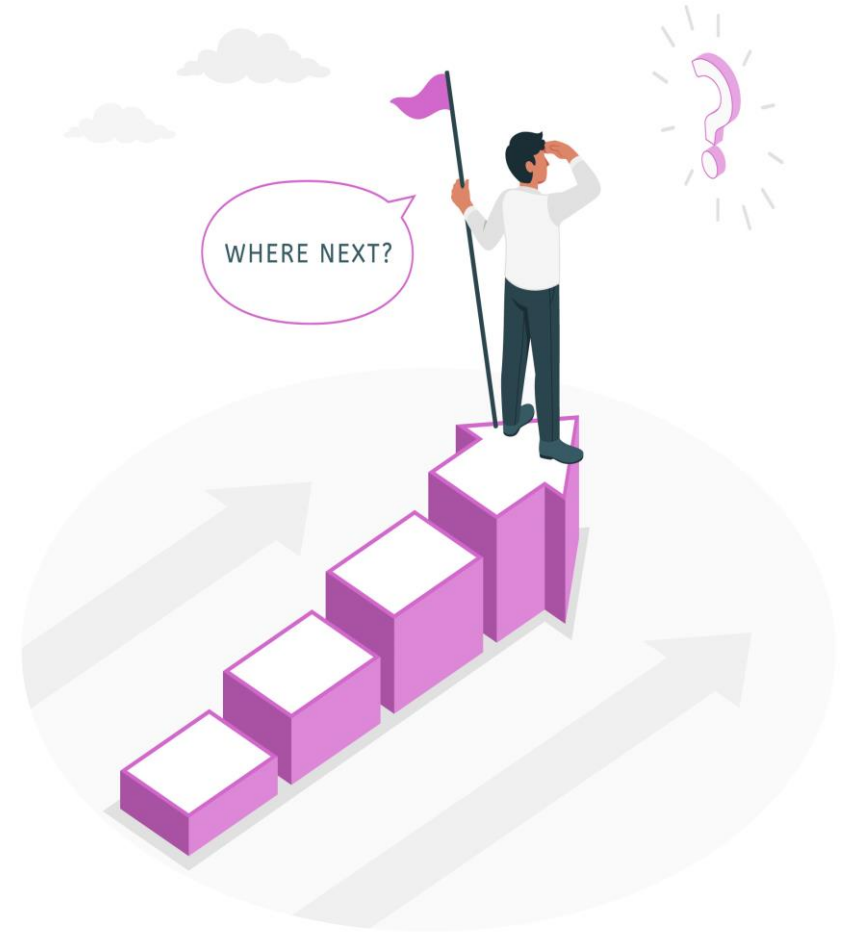
or

Scan the QR Code below using your phone camera



# Next Steps

- Upon completion and submission of your prioritization responses, Conduent Healthy Communities Institute will total the scores from all the responses and provide the health needs list back to the Calhoun workgroup in rank order from the highest-scoring need to the lowest-scoring need.
- The Calhoun Workgroup will use these results to inform its decision-making process regarding the “prioritized” health needs it will focus on over the next few years.



# Closing Remarks and Raffle Winner!

Calhoun County Health Department