

# Midwest Orthopedic Specialty Hospital (MOSH)

**2021 Community Health Needs Assessment  
Milwaukee County, Wisconsin**

**Prepared by Ascension Wisconsin**



**Ascension**

The goal of this report is to offer a meaningful understanding of the most significant health needs across Milwaukee County, as well as to inform planning efforts to address those needs. Input was intentionally gathered from persons who are the most vulnerable and their communities to identify their unmet health needs or gaps in services. Findings from this report can be used to identify, develop and focus hospital, health system and community initiatives and programming to better serve the health and wellness needs of the community.

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The 2021 Community Health Needs Assessment report was approved by the Board of Managers, the authorized body of Midwest Orthopedic Specialty Hospital on May 3, 2022 (2021 tax year) and applies to the following three-year cycle: July 2022 to June 2025. This report, as well as the previous report, can be found on the Midwest Orthopedic Specialty Hospital and Ascension Wisconsin public websites. **We value the community's voice and welcome feedback on this report. Please visit the public website at (<https://healthcare.ascension.org/chna>) to submit your comments.**

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## Acknowledgements

The 2021 Community Health Needs Assessment (CHNA) represents a true collaborative effort to gain a meaningful understanding of the most pressing health needs across Milwaukee County. The development of the Milwaukee County CHNA was a collective effort that included Milwaukee Health Care Partnership and its collaborative members, community-serving organizations and community members from within areas of focus that provided input and knowledge of issues and solutions and those who share our commitment to improving health and quality of life.

Midwest Orthopedic Specialty Hospital is exceedingly thankful to the many community organizations and individuals who shared their views, knowledge, expertise and skills with us. A complete description of community partner contributions is included in this report. We look forward to our continued collaborative work to make this a better, healthier place for all people.

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

## Executive Summary

The goal of the 2021 Community Health Needs Assessment report is to offer a meaningful understanding of the most significant health needs across Milwaukee County. Findings from this report can be used to identify, develop and focus hospital, health system and community initiatives and programming to better serve the health and wellness needs of the community.

### Purpose of the CHNA

As part of the Patient Protection and Affordable Care Act of 2010, all not-for-profit hospitals are required to conduct a Community Health Needs Assessment (CHNA) and adopt an implementation strategy every three years. The purpose of the CHNA is to understand the health needs and priorities of those who live and/or work in the communities served by the hospital, with the goal of addressing those needs through the development of an implementation strategy plan.

### Community Served

Although Midwest Orthopedic Specialty Hospital, LLC, (MOSH) serves Milwaukee and surrounding areas, MOSH has defined its community served as Milwaukee County for the 2021 CHNA. Milwaukee County was selected because it is our primary service area as well as our partners' primary service area. Additionally, community health data is readily available at the county level.

### Assessment Process and Methods

The 2021 CHNA was conducted from July 2021 to January 2022 and incorporated data from primary and secondary sources. Primary data sources included information provided by groups/individuals, e.g., community residents, healthcare consumers, healthcare professionals, community stakeholders and multi-sector representatives. Special attention was given to the needs of individuals and communities who are more vulnerable and to unmet health needs or gaps in services. Community input included an online survey with 8,812 respondents, 49 key stakeholder interviews with organization partners, including those that serve populations that are low-income or otherwise marginalized, and four focus groups.

Secondary data was compiled and reviewed to understand the health status of the community. Measures reviewed included chronic disease, social and economic factors and healthcare access and utilization trends in the community and were gathered from reputable and reliable sources.

### Community Needs

Midwest Orthopedic Specialty Hospital analyzed secondary data and community input to identify the needs in Milwaukee County. In collaboration with community partners, MOSH used a phased approach to determine the most crucial needs for community stakeholders to address.

The identified needs are as follows:

- ☐ Access to Affordable Housing
- ☐ Access to Affordable Health Care
- ☐ Access to Mental Health Services
- ☐ Alcohol Misuse
- ☐ Chronic Disease
- ☐ Community Safety
- ☐ Drug Use/Overdose
- ☐ Gun Violence
- ☐ Infectious Disease
- ☐ Maternal, Fetal and Infant Health
- ☐ Mental Health
- ☐ Sexually Transmitted Infections
- ☐ Wellness and Lifestyle

The process used to determine the health needs on which the hospitals would focus then included a prioritization meeting with leadership of Midwest Orthopedic Specialty Hospital. The data was presented to associates and leaders of both Ascension Franklin and MOSH, and recommendation options based on the top identified needs from the community were brought forward for consideration. The prioritized health needs were determined through the dialogue with associates and leaders, who considered the following criteria in choosing the campus' priorities: scope of problem (number of people impacted, severity); health disparities (by income and/or race and ethnicity); feasibility (known interventions, capacity); momentum/commitment (political will, community readiness); alignment (with health department, coalitions and community partners).

Based on the process described above, one prioritized health need was identified for MOSH. That need is:

- Chronic Disease and Prevention

In alignment with this priority, strategies will be considered through the lens of the lasting social impact of COVID-19, Access to Care, Social Determinants of Health and Equity.

## About Midwest Orthopedic Specialty Hospital

Midwest Orthopedic Specialty Hospital, LLC, (MOSH) was founded by physician owners and Ascension Wisconsin. We have but one goal in mind: To create the best patient experience possible. It's not just a mission statement – it's our employee pledge. With each physician's written endorsement, we are uniquely committed to our patients' health, comfort and individual orthopedic care. Patients are at the center of everything we do. Collectively, we realize that their positive experience – both clinically and personally – is the result of every interaction they have with each person in our hospital. That's why we strive to treat patients as members of our own family by being responsive, respectful, approachable and communicative. Located in Franklin, Wisconsin, the remarkable care we provide is designed to make you feel better the moment you walk through the door.

### Physician-Owned Hospital Disclosure

Midwest Orthopedic Specialty Hospital, LLC, is partially owned by physicians and meets the federal definition of a "physician-owned hospital." A list of physician-owners is available upon request and we are happy to answer any questions you may have. For more information about Midwest Orthopedic Specialty Hospital visit <https://www.mymosh.com/>.

## Ascension

As one of the leading non-profit, Catholic health systems in the United States, Ascension is a faith-based healthcare organization committed to delivering compassionate, personalized care to all, with special attention to persons living in poverty and those most vulnerable. The national health system operates more than 2,600 sites of care – including 145 hospitals and more than 40 senior living facilities – in 19 states and the District of Columbia, while providing a variety of services including clinical and network services, venture capital investing, investment management, biomedical engineering, facilities management, risk management and contracting through Ascension's own group purchasing organization.

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

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

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



## About the Community Health Needs Assessment

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

### Purpose of the CHNA

A CHNA is “a systematic process involving the community to identify and analyze community health needs and assets in order to prioritize, plan and act upon unmet community health needs.”<sup>1</sup> The process serves as a foundation for promoting the health and well-being of the community by identifying the most pressing needs, leveraging existing assets and resources, developing strategic plans and mobilizing hospital programs and community partners to work together. This community-driven approach aligns with Midwest Orthopedic Specialty Hospital’s commitment to offer programs designed to address the health needs of a community, with special attention to persons who are underserved and vulnerable.

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

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

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

## Community Served and Demographics

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

### Community Served

For the purpose of the 2021 CHNA, MOSH has defined its community served as Milwaukee County. Although MOSH serves Milwaukee and surrounding areas, the “community served” was defined as such because (a) most of our service area is in this county; (b) most of our assessment partners define their service area at the county level; and (c) most community health data is available at the county level.



**Image 1: Map of Community Served**

A metropolitan area, Milwaukee County’s leading industries are manufacturing, retail, healthcare and social services and banking, finance and insurance.

## Demographic Data

Located in southeast Wisconsin, Milwaukee County has a population of 945,726 and is the most populous county in the state. Below are demographic data highlights for Milwaukee County:

- 14 percent of the residents of Milwaukee County are 65 or older, compared to 17.5 percent in Wisconsin
- 15.6 percent of residents are Hispanic or Latino (any race)
- 50.6 percent of residents are non-Hispanic White; 4.7 percent are Asian; 26.3 percent are non-Hispanic Black or African American
- The median household income is below the state median income (\$53,500 for Milwaukee County; \$64,200 for Wisconsin)
- The percent of children in poverty was nearly double that of the state (24 percent for Milwaukee County; 14 percent for Wisconsin)
- The uninsured rate for Milwaukee County (8 percent) is slightly higher than the state (7 percent)

**Table 1: Description of the Community**

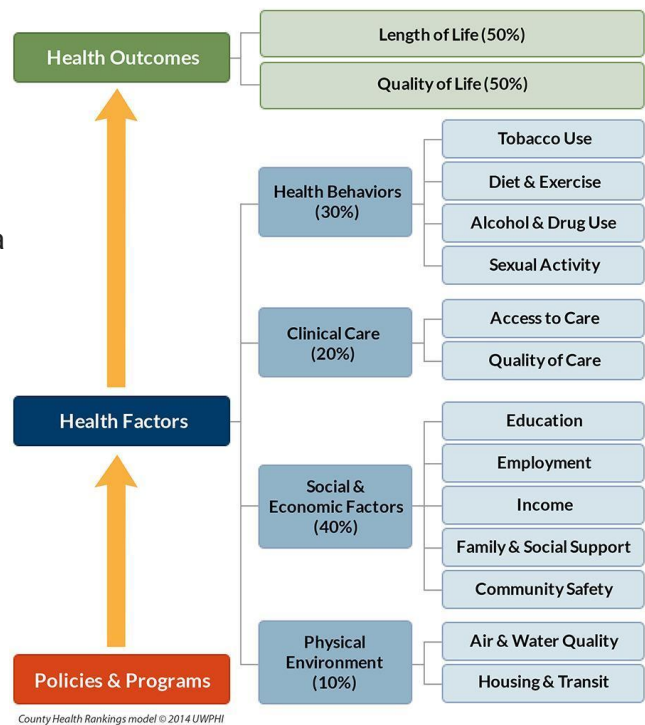
Indicator	Milwaukee County	Description
<b>Population</b>		
Total Population	945,726	
% Living in rural communities	0.2%	Percentage of population living in a rural area.
% below 18 years of age	23.8%	
% 65 and older	14.0%	
% Hispanic	15.6%	
% Asian	4.7%	
% Non-Hispanic Black	26.3%	
% Non-Hispanic White	50.6%	
<b>Social and Community Context</b>		
English Proficiency	97%	Proportion of community members that speak English “well”.
Median Household Income	\$53,500	Income where half of households in a county earn more and half of households earn less.
Percent of Children in Poverty	24%	Percentage of people under age 18 in poverty.
Percent of Uninsured	8%	Percentage of population under age 65 without health insurance.
High School Completion	88%	Percentage of adults ages 25 and over with a high school diploma or equivalent.
Percent of Unemployment	4%	Percentage of population ages 16 and older unemployed but seeking work.
<a href="https://www.countyhealthrankings.org/app/wisconsin/2021/rankings/milwaukee/county/outcomes/overall/snapshot">https://www.countyhealthrankings.org/app/wisconsin/2021/rankings/milwaukee/county/outcomes/overall/snapshot</a>		

To view Community Demographic Data in its entirety, see Appendix B (page 36).

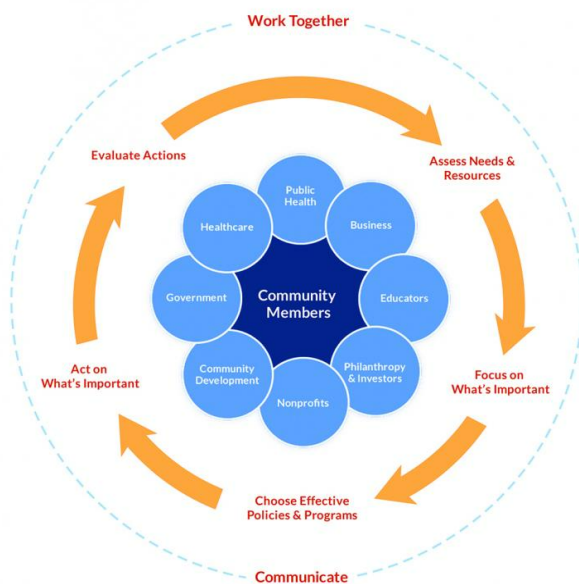
## Process and Methods Used

Midwest Orthopedic Specialty Hospital is committed to using national best practices in conducting the CHNA. Health needs and assets for Milwaukee County were determined using a combination of data collection and analysis for both secondary and primary data, with community input on the identified and significant needs.

MOSH's approach relies on the model developed by the County Health Rankings and Roadmaps and the Robert Wood Johnson Foundation, using the determinants of health model as the model for community health.



## Community Health Improvement Approach



MOSH uses the County Health Rankings and Roadmaps' Take Action Cycle for community health improvement, which includes the following:

- Gather information to assess needs and resources
- Set priorities and focus on what's important
- Find the most effective approaches to address priorities
- Get to work on acting on what's important
- Evaluate throughout the cycle to help improve strategies and ensure effectiveness

Throughout the whole process, communication and collaborative work is critical.

## Disparities and Health Equity

Health disparities are preventable differences in health outcomes and health factors that are experienced by socially disadvantaged groups. Health equity is the societal and systematic understanding and appreciation of differences among individuals and populations; where everyone is valued and has the opportunity to achieve optimal health and well-being.<sup>1</sup> Forwarding health equity requires us to identify and understand the root social causes of health disparities in our communities. Ascension's Mission calls us to be "advocates for a compassionate and just society through our actions and words" and MOSH has a commitment to and respect for each person's dignity; therefore, health equity is an Ascension Wisconsin priority. Health equity focuses on minimizing these differences and drives us to increase opportunities for good health by eliminating systemic, avoidable, unfair and unjust barriers to good health. Therefore, equity was a consideration during the entire community health needs assessment, the identification of significant needs and the prioritization of those needs and will be considered as MOSH identifies strategies to address the prioritized needs.

## Collaborators and Consultants

Midwest Orthopedic Specialty Hospital completed its 2021 CHNA in collaboration with the Milwaukee Health Care Partnership and its member organizations. The member organizations were heavily involved in identifying and collecting the data components of the CHNA. The Milwaukee County CHNA committee is a collection of individuals representing Milwaukee Health Care Partnership and its collective members which include the major health systems in Milwaukee:

- Ascension Wisconsin, in partnership with MOSH
- Advocate Aurora Health
- Froedtert Health
- Children's Wisconsin

The Milwaukee County CHNA would not have been possible without the support and guidance of individuals who were able to share their expertise and insight in the planning, development and implementation of this assessment.

## Milwaukee Health Care Partnership

The Milwaukee Health Care Partnership is a public/private consortium dedicated to improving healthcare for persons of low income and who are underserved in Milwaukee County. Its aim is to improve health outcomes, promote health equity and lower the total cost of care. The member organizations and their connections in the community were many of the participating community voices during the CHNA data collection process.

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<sup>1</sup> [\*National Academies of Sciences, Engineering, Medicine, \(2017\). Communities in Action\*](#)

## Consultants

Milwaukee Health Care Partnership commissioned Conduent Healthy Communities Institute (HCI) to support report preparation for its 2021-22 CHNA. HCI works with clients across the nation to drive community health outcomes by assessing needs, developing focused strategies, identifying appropriate intervention programs, establishing monitoring systems and implementing performance evaluation processes. The Center for Urban and Population Health (CUPH) provided further survey data analysis to facilitate the identification of population differences in survey answers.

## Data Collection Methodology

In collaboration with various community partners, Midwest Orthopedic Specialty Hospital collected and analyzed primary and secondary data for Milwaukee County in numerous ways, detailed below.

### Summary of Community Input

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

Multiple methods were used to gather community input, including key stakeholder interviews, focus groups and an online community survey. These methods provided additional perspectives on how to select and address top health issues facing Milwaukee County. As the assessment occurred during the COVID-19 pandemic, primary data collection methods were conducted in a way to maintain social distancing and protect the safety of participants by eliminating in-person data collection.

A summary of the process and results is outlined below.

### Surveys

Community input was collected via an online community survey available in English and Spanish from August 17, 2021, through October 4, 2021. Paper surveys were also available in certain locations. The survey consisted of 50 questions related to top health needs in the community, individuals' perception of their overall health, individuals' access to healthcare services and social and economic determinants of health. The response rate, also known as completion rate, for the survey over the seven-week period was 71.4%.

The community survey was promoted across Milwaukee County from August 2021 through October 2021. The Milwaukee Health Care Partnership organizations and partners used their individual communications and marketing channels to boost promotion of the community survey. A joint press



release, hospital website promotion, social media post, emails, local event promotion, newsletter and other promotional activities took place during and prior to the seven-week response period for the survey.

After eliminating nonsensical zip codes, 9,006 responses were collected. Within the community online survey, 185 (2%) were nonresidents of Milwaukee County and 8,812 (98%) were residents.

### **Key Stakeholder Interviews and Focus Groups**

Milwaukee County conducted key stakeholder interviews and focus groups to gain deeper insights about perceptions, attitudes, experiences, or beliefs held by community members about their health. Forty-nine key stakeholders participated in interviews between August 2021-September 2021. Four focus groups were conducted in October 2021 and November 2021. Focus groups were purposefully identified to represent safety net clinics, public health departments, community-based organizations serving children and adolescents and representatives from community-based organizations serving low-income populations. Key partners, organizations and topic groups were invited by the Milwaukee Health Care Partnership and its partner organizations to participate in these 60-minute virtual sessions.

A large array of community organizations, faith and community leaders, government officials and health system leaders offered feedback when facilitators asked questions about top community health issues, barriers/challenges to health and the impact of COVID-19. Notes from the key stakeholder interviews and focus groups were uploaded to the web-based qualitative data analysis tool, Dedoose. Interview text was coded using a pre-designed codebook, organized by themes and analyzed for significant observations. The frequency with which a health topic was discussed was used to assess the relative importance of that health and/or social need to determine the most pressing health needs of the community. There were 8,449 codes extracted from the key stakeholder and focus group interviews. Findings from community stakeholder focus groups and interviews, community member surveys and secondary data were synthesized for areas of overlap, frequency and health impact to compile the community's identified needs.

To view the community organizations that provided input, see Appendix C (page 39).

<b>Identified Needs from Community Input</b>	
<b>Top Health Issues across Community Member Surveys/Interviews and Secondary Data</b>	
<input type="checkbox"/>	Access to Affordable Housing
<input type="checkbox"/>	Access to Affordable Health Care
<input type="checkbox"/>	Access to Mental Health Services
<input type="checkbox"/>	Alcohol Misuse
<input type="checkbox"/>	Chronic Disease
<input type="checkbox"/>	Community Safety

- ☐ Drug Use/Overdose
- ☐ Gun Violence
- ☐ Infectious Disease
- ☐ Maternal, Fetal and Infant Health
- ☐ Mental Health
- ☐ Sexually Transmitted Infections
- ☐ Wellness and Lifestyle

### Key Summary Points

- Key stakeholders recognized that infectious disease was largely related to COVID-19.
- Mental health issues have increased during the pandemic and key stakeholders expressed the need for more resources.
- An association was made between drug use and misuse and lack of mental health professionals and access to timely care.
- Cost of care and provider shortages are main barriers to healthcare access. Stakeholders felt that healthcare needs to build trust and have providers that look like the populations they serve.

To view additional community input information, see Appendix C (page 39).

### Summary of Secondary Data

Secondary data is data that has already been collected and published by another party. Both governmental and non-governmental agencies routinely collect secondary data reflective of the health status of the population at the state and county level through surveys and surveillance systems. Secondary data was compiled from various sources that are reputable and reliable. These included Health Compass Milwaukee, the County Health Rankings and Roadmaps and the U.S. Census Bureau.

Health indicators in the following categories were reviewed:

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

Overall, Milwaukee County is ranked among the least healthy counties in Wisconsin (Lowest 0%-25%) for health outcomes and health factors.

To view more information on secondary data and sources, see Appendix D (page 43).



### Summary of COVID-19 Impact on Milwaukee County

The COVID-19 pandemic has impacted communities worldwide. Profound disparities emerged as the pandemic grew. Americans over the age of 50 have the highest risk of death from COVID-19 and the risk grows with higher ages<sup>2</sup>. There are also significant disparities by race and ethnicity. Americans of color have higher risk of exposure, infection and death compared to non-Hispanic White Americans.<sup>3</sup>

Significant COVID-19 disparities include:

- Hispanic persons at 1.8 times the risk of death
- Non-Hispanic Black persons at 1.7 times the risk of death
- American Indians or Alaska Natives at 2.1 times the risk of death

Some reasons for these differences include:

- Multigenerational families
- Living in crowded housing with close physical contact
- Working in environments in which social distancing is not possible
- Inadequate access to healthcare
- Higher rates of underlying conditions<sup>3</sup>

COVID-19 Impact on Milwaukee County (as of March 21, 2022)			
Indicator	Milwaukee	Wisconsin	Description
Total Confirmed Cases*	241,442	1,389,559	
Case Rate*	28,313	27,142^	Per 100,000 people
Total Deaths*	2,108	12,534	Among confirmed cases
Death Rate*	234	239^	Per 100,000 people

\*[Wisconsin Department of Health Services COVID-19: County Data](#)

^[CDC: COVID Data Tracker](#)

### Written Comments on Previous CHNA and Implementation Strategy

MOSH's previous CHNA and implementation strategy were made available to the public and open for public comment via the website: <https://healthcare.ascension.org/chna>.

No comments were received.

<sup>2</sup>[Risk for COVID-19 Infection, Hospitalization, and Death By Age Group](#)

<sup>3</sup>[Introduction to COVID-19 Racial and Ethnic Health Disparities](#)

### Data Limitations and Information Gaps

Although it is quite comprehensive, this assessment cannot measure all possible aspects of health and cannot represent every possible population within Milwaukee County. This constraint limits the ability to fully assess *all* the community's needs. A key part of any data collection and analysis process is recognizing potential limitations. Each data source for this CHNA process was evaluated based on strengths and limitations during data synthesis and should be kept in mind when reviewing this report. For quantitative and qualitative data, intensive efforts were made to include as wide a range of secondary data indicators, key stakeholder experts and community focus group participants as possible.

While data collection efforts aimed to include a wide range of secondary data indicators and community member voices, some limitations of the data should be considered when reviewing the findings presented in this report. Secondary data were limited to availability of data, with some health topic areas having a robust set of indicators while others were more limited. Some secondary data sources do not include subpopulation data and others only display values for a select number of racial/ethnic groups.

For the primary data, the findings are dependent upon who was selected to be a key stakeholder or who self-selected to participate in the community focus groups, as well as the online survey. Additionally, the community survey was a convenience sample, which means results may be vulnerable to selection bias and make the findings less generalizable. It was also only conducted in English and Spanish.

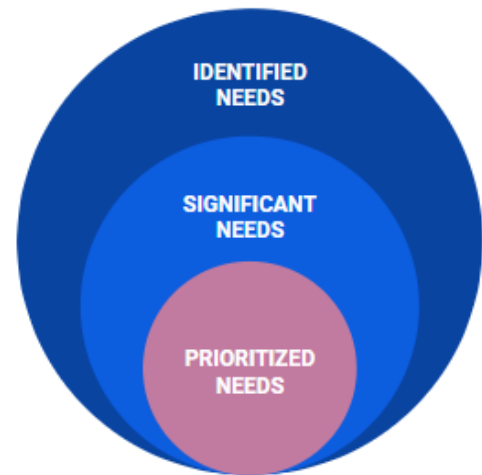
For this assessment, these limitations were identified:

- Some groups of individuals may not have been adequately represented through the community input process. Those groups, for example, may include individuals who are transient, who speak a language other than English or Spanish, are members of the lesbian/gay/bisexual/transgender+, or smaller racial/ethnic populations.
- It is important to note that the information collected in an individual focus group or interview is not necessarily representative of other groups.
- Secondary data is limited in a number of ways, including timelines, reach and descriptive ability with groups as identified above.
- An acute community concern may significantly impact a hospital's ability to conduct portions of the CHNA assessment. An acute community concern is defined by Ascension Wisconsin and MOSH as an event or situation which may be severe and sudden in onset or newly affects a community. These events may impact the ability to collect community input, may not be captured in secondary data and/or can present in the middle of the three-year CHNA cycle. For the 2021 CHNA, COVID-19 was identified as an acute community concern.

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

## Community Needs

Midwest Orthopedic Specialty Hospital in collaboration with the Milwaukee Health Care Partnership, its member organizations, HCI and the Center of Urban Population Health (CUPH), analyzed secondary data of several indicators and gathered community input with contracted assistance from HCI through online surveys, focus groups and key stakeholder interviews to identify the needs in Milwaukee County. In collaboration with community partners, Midwest Orthopedic Specialty Hospital used a phased approach to identify the needs. The first step was to determine the broader set of **identified needs**. Identified needs were then narrowed to a set of **significant needs** which were determined most crucial for community stakeholders to address.



Following the initial CHNA assessment, Midwest Orthopedic Specialty Hospital then selected a subset of the significant needs as the hospital's **prioritized needs** to develop a three-year implementation strategy. Although the hospital may address many needs, the prioritized needs will be at the center of a formal CHNA implementation strategy and corresponding tracking and reporting.

### Identified Needs

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

### Significant Needs

The community's voice and the secondary data were synthesized to identify the most significant needs of the community. In collaboration with various community partners, significant needs were identified by looking at the number of community members and stakeholders who identified the need, as well as how many people in the community experience the health issue, whether there is capacity and momentum to address the issue and if there are populations that are more affected by these health issues, otherwise known as health disparities.

Racism was a key determinant of health that factored prominently in both primary and secondary data sources. Racism impacts health in many ways; driving unfair treatment through policies, practices and resource allocation. It is a fundamental cause of health disparities across numerous health issues. All

sources of data identified a need for an equitable approach to addressing proposed health needs. Additionally, the data recognized some groups in Milwaukee County who are more susceptible to social disadvantages that lead to health inequities. These include but are not limited to: Black/African American, Hispanic/Latino, Children and Youth, and Older Adult/Elderly.

All of these factors and populations were considered when identifying the most significant needs. Below is the rationale for the identification of significant needs from the long list of identified community health needs in Milwaukee County that included the lens of health equity.

- Mental health and access to mental health care services were identified by the community input and the secondary data as top needs. For the purposes of this CHNA, the need for “Mental Health” encompasses access to mental health services.
- Alcohol misuse and drug misuse/overdose are different issues; however, due to the interrelated nature with behavioral health issues, both issues share many interventions and resources. For the purposes of this CHNA, alcohol and drug use/overdose will be combined into one need called “Alcohol and Drug Use.”
- Chronic disease was recognized by the community as both the need for access to chronic disease management and the need for healthy living such as healthy eating and exercise. For the purposes of this CHNA, both of these were combined into one significant need of “Chronic Disease and Prevention.”
- Access to affordable healthcare was specifically identified in the community survey; however, Ascension Wisconsin is committed to addressing all aspects of access to care, which includes affordability, geographic access and culturally competent care with trustworthy providers. For purposes of the significant need, we have broadened it to “Access to Care.”
- Access to affordable housing and safe housing are important for individual and community health. For the purposes of this CHNA, they were combined into “Safe and Affordable Housing.”
- Gun violence, community safety and other forms of violence were all identified as factors that need to be addressed to improve the community’s health. For the purposes of this CHNA, these were all combined into the need of “Community Safety.”
- Infant mortality in Milwaukee County is an issue identified by secondary data; however, the community did not raise this as a significant issue. For the purposes of this CHNA, infant mortality will not be identified as a significant need.
- Sexually transmitted infections were identified as an issue of concern through secondary data only. The community did not raise this issue as a significant issue. For the purposes of this CHNA, sexually transmitted infections were not identified as a significant need.
- Infectious diseases were identified by the community as an issue; however, key stakeholders shared that this was around the COVID-19 pandemic. Considering it is the duty of health systems to address infectious diseases such as COVID-19 and that the pandemic is a fluid issue, it was not identified as a significant need.

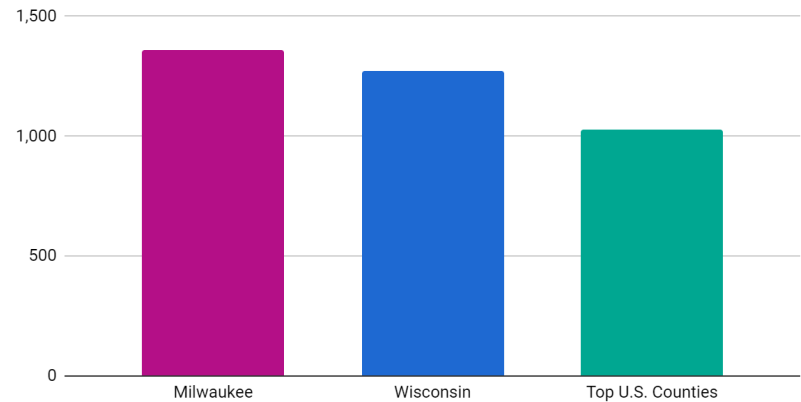
Through the identification process for the 2021 CHNA, the significant needs below are a result of the aggregation of several of the community identified needs.

- Access to Care

- Alcohol and Drug Use
- Community Safety
- Chronic Disease and Prevention
- Mental Health
- Safe and Affordable Housing

To view healthcare facilities and community resources available to address the significant needs, please see Appendix E (page 51).

A description (including data highlights, community challenges and perceptions, local assets and resources and health disparities/individuals who are more vulnerable) of each significant need is on the following pages.

Access to Care									
Why is it Important?	Data Highlights								
<p>Access to affordable, quality health care is important to physical, social and mental health.<sup>1</sup> Access to Care includes the timely use of personal health services to achieve the best health outcomes through three distinct steps: gaining entry into the healthcare system (usually through insurance coverage); accessing a location where needed healthcare services are provided (geographic availability); finding a healthcare provider whom the patient trusts and can communicate with (personal relationship).<sup>2</sup></p>	<p><b>Primary Care Physicians Ratio</b> (the number of individuals served by 1 primary care physician)</p>  <table border="1"> <thead> <tr> <th>Location</th> <th>Ratio (Individuals per 1 physician)</th> </tr> </thead> <tbody> <tr> <td>Milwaukee</td> <td>~1,360</td> </tr> <tr> <td>Wisconsin</td> <td>~1,200</td> </tr> <tr> <td>Top U.S. Counties</td> <td>~1,000</td> </tr> </tbody> </table>	Location	Ratio (Individuals per 1 physician)	Milwaukee	~1,360	Wisconsin	~1,200	Top U.S. Counties	~1,000
Location	Ratio (Individuals per 1 physician)								
Milwaukee	~1,360								
Wisconsin	~1,200								
Top U.S. Counties	~1,000								
Local Assets & Resources	<ul style="list-style-type: none"> <li>• Milwaukee and other local health departments</li> <li>• Federally Qualified Health Centers</li> <li>• Several community resources to connect residents with care</li> <li>• Health Systems in Milwaukee</li> </ul> <ul style="list-style-type: none"> <li>• The ratio of primary care physicians in Milwaukee County is 1,360:1, meaning there is one primary care physician per 1,360 people. This ratio is worse than top U.S. counties and Wisconsin.</li> <li>• The uninsured rate in Milwaukee County is higher at 8% than Wisconsin at 7% and the top U.S. counties at 6%.</li> <li>• The rate of preventable hospital stays was considerably higher in Milwaukee County than in Wisconsin and top U.S. counties.</li> <li>• Several portions of Milwaukee County are considered Healthcare Provider Shortage Areas by the U.S. Health Resources and Services Administration.<sup>6</sup></li> </ul>								
Community Challenges & Perceptions	Individuals Who Are More Vulnerable								
<ul style="list-style-type: none"> <li>• Poor communication and lack of trust contribute to racial disparities in accessing all health services</li> <li>• Over 21% of Black and 13% of Hispanic residents reported being treated differently in healthcare based on their race</li> <li>• High costs, lack of providers and transportation barriers</li> <li>• COVID-19 restrictions</li> </ul>	<p>-Significant racial/ethnic disparities exist through all levels of access to care, including insurance, having an ongoing source of care and access to primary care.<sup>3</sup></p> <p>-In Milwaukee County, there is a significant gap in preventable hospital stay rates for Black, American Indian and Hispanic residents compared to White residents. This suggests that the quality of care provided in the outpatient setting for these residents was less than ideal and/or emergency rooms and urgent care are used more often as a main source of care for these residents.<sup>4</sup></p> <p>-In the United States, mothers of color are more likely to receive less than adequate prenatal care.<sup>5</sup></p>								

<sup>1</sup> [County Health Rankings & Roadmaps: Access to Care](#)

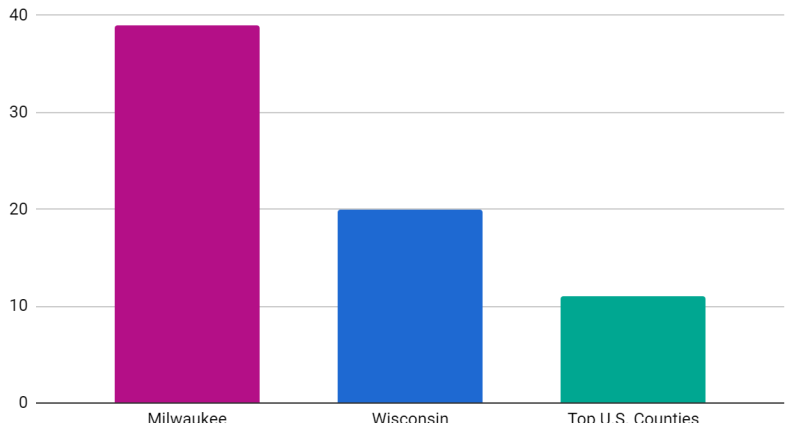
<sup>2</sup> [Healthy People.gov: Access to Health Services](#)

<sup>3</sup> [Disparities in Health and Health Care](#)

<sup>4</sup> [County Health Rankings and Roadmaps: Preventable Hospital Stay](#)

<sup>5</sup> [Racial Disparities in Maternal and Infant Health](#)

<sup>6</sup> [HRSA.gov HPSA areas](#)

Alcohol and Drug Use									
Why is it Important?	Data Highlights								
<p>Consuming alcohol and/or drugs alters the user's mind and behavior which can lead to negative behavioral and health outcomes. The health implications of substance use (e.g. overdoses, accidents, mental health issues, etc.) are considerable, as are the social, political and legal responses.<sup>1</sup></p> <p>COVID-19 has increased substance use in the U.S. related to social isolation, income-related stress, anxiety and fear of the virus and loss of loved ones.<sup>2</sup></p>	<p><b>Drug Overdose Deaths (per 100,000 population)</b></p>  <table border="1"> <thead> <tr> <th>Location</th> <th>Drug Overdose Deaths (per 100,000 population)</th> </tr> </thead> <tbody> <tr> <td>Milwaukee</td> <td>~38</td> </tr> <tr> <td>Wisconsin</td> <td>20</td> </tr> <tr> <td>Top U.S. Counties</td> <td>11</td> </tr> </tbody> </table>	Location	Drug Overdose Deaths (per 100,000 population)	Milwaukee	~38	Wisconsin	20	Top U.S. Counties	11
Location	Drug Overdose Deaths (per 100,000 population)								
Milwaukee	~38								
Wisconsin	20								
Top U.S. Counties	11								
Local Assets & Resources									
<ul style="list-style-type: none"> <li>• Detox Center</li> <li>• Crisis Center</li> <li>• Increase in access and quality in telehealth services for recovery</li> <li>• Workgroup on opioids/post-fatality review board</li> </ul>	<ul style="list-style-type: none"> <li>• There are nearly double the drug overdose deaths in Milwaukee compared to Wisconsin and over three times the deaths compared to the top U.S. counties.</li> <li>• The percentage of adults in Milwaukee County that report they excessively drink is 23%, which is lower than Wisconsin at 27% but higher than the top U.S. counties at 15%.</li> <li>• The percent of alcohol-impaired driving deaths in Milwaukee County (30%) is lower than Wisconsin (36%) but nearly three times higher than the top U.S. counties (11%).</li> </ul>								
Community Challenges & Perceptions	Individuals Who Are More Vulnerable								
<ul style="list-style-type: none"> <li>• Mental health, drug use and violence are interrelated</li> <li>• COVID-19 created challenges in caring for those in recovery and new options are not equally available</li> <li>• Affordable housing and racism/discrimination influence drug and alcohol use</li> <li>• Public stigma and limited outreach to specific populations</li> </ul>	<p>-Racial/ethnic populations have been disproportionately affected by the consequences of drug abuse and addiction due to various systemic barriers.<sup>3</sup></p> <p>-In Milwaukee County, there are disparities in drug overdose death rates (per 100,000 population) between American Indian (84), Black (40) and White (46) residents. It is important to note that this does not necessarily indicate significant differences in drug use, but instead may highlight disproportionate access to life-saving measures in the event of an overdose.</p> <p>-Persons with mental health issues often use alcohol and/or other drugs to self-medicate and decrease stress.<sup>4</sup></p>								

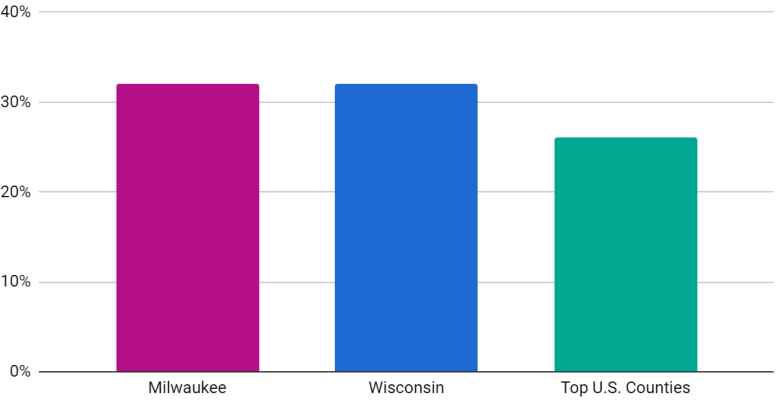
<sup>1</sup> [Healthy People 2020: Substance Use and Health](#)

<sup>2</sup> [CDC: Mental Health, Substance Use, and Suicidal Ideation During the COVID-19 Pandemic – United States, June 24–30, 2020](#)

<sup>3</sup> [Minnesota Department of Health: Differences in Rates of Drug Overdose Deaths by Race](#)

<sup>4</sup> [NIHM: Substance Use and Co-Occurring Mental Disorders](#)



Chronic Disease and Prevention									
Why is it Important?	Data Highlights								
<p>Chronic diseases such as heart disease, cancer and diabetes are the leading causes of death and disability in the United States. Receiving quality chronic disease management improves outcomes for those with chronic diseases.<sup>1</sup> Preventing chronic diseases can decrease healthcare costs and increase quality of life. Promoting health through the consumption of healthy foods and maintenance of healthy body weights reduces chronic disease risk including some cancers, oral disease, malnutrition, anemia and other risk factors, diseases and illnesses.<sup>2</sup></p>	<p>Adult Obesity (percentage of adults age 20 and older with a BMI of 30 or greater)</p>  <table border="1"> <thead> <tr> <th>Location</th> <th>Adult Obesity Rate (%)</th> </tr> </thead> <tbody> <tr> <td>Milwaukee</td> <td>32%</td> </tr> <tr> <td>Wisconsin</td> <td>32%</td> </tr> <tr> <td>Top U.S. Counties</td> <td>26%</td> </tr> </tbody> </table>	Location	Adult Obesity Rate (%)	Milwaukee	32%	Wisconsin	32%	Top U.S. Counties	26%
Location	Adult Obesity Rate (%)								
Milwaukee	32%								
Wisconsin	32%								
Top U.S. Counties	26%								
Local Assets & Resources									
<ul style="list-style-type: none"> <li>Food Networks, Hunger Task Force and Feeding America</li> <li>Community-based food banks</li> <li>211</li> <li>Faith-based organizations</li> <li>School systems</li> <li>Supplemental Nutrition Assistance Program</li> </ul>	<ul style="list-style-type: none"> <li>13% of Milwaukee County residents lack adequate access to food which is higher than both Wisconsin and top U.S. counties at 9%.</li> <li>23% of residents in Milwaukee County report physical inactivity compared to 20% in Wisconsin and 19% for top U.S. counties.</li> <li>Diabetes prevalence for residents in Milwaukee County (10%) is the same as Wisconsin but higher than top U.S. counties (8%).</li> </ul>								
Community Challenges & Perceptions	Individuals Who Are More Vulnerable								
<ul style="list-style-type: none"> <li>Lack of access to healthy foods contributes to chronic disease</li> <li>Lack of physical access to foods such as food deserts, particularly for communities of color</li> <li>Lack of knowledge about the benefits of healthy foods and how to prepare and store (not culturally appropriate)</li> <li>Financial/economic barriers</li> <li>Need stronger resources in schools for children's access to healthy snacks</li> </ul>	<ul style="list-style-type: none"> <li>-Low-income groups have more barriers to accessing healthy foods and often must rely on foods that are inexpensive and convenient that are low in nutrient density.<sup>3</sup></li> <li>-Low-income neighborhoods are less likely to be located near a grocery store and lack of transportation creates barriers to accessing healthy foods.<sup>4</sup></li> <li>-Good nutrition in children is important for healthy growth and development.<sup>2</sup></li> <li>-Low-income groups and others with barriers to healthcare access receive less chronic disease management and can experience worse outcomes from chronic conditions compared to those with access to CDM.<sup>1</sup></li> </ul>								

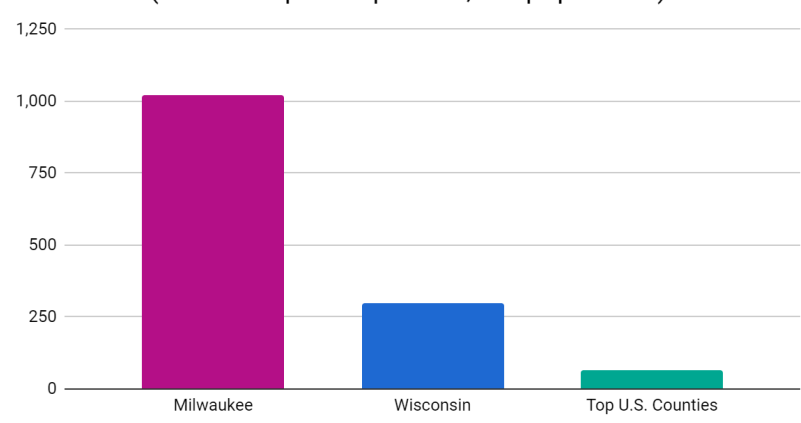
<sup>1</sup> [Healthy People 2020: Chronic Disease Management Programs for Adults with Asthma](#)

<sup>2</sup> [Healthy People 2020: Nutrition and Weight Status](#)

<sup>3</sup> [U.S. Department of Agriculture: Food Access](#)

<sup>4</sup> [Healthy People 2030: Food Insecurity](#)



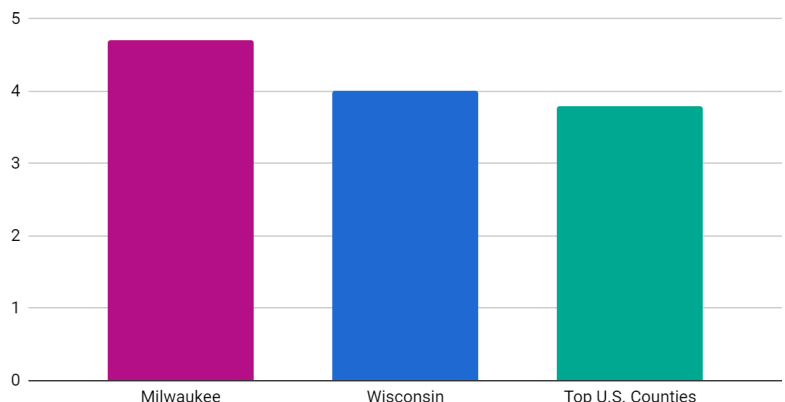
Community Safety									
Why is it Important?	Data Highlights								
<p>Community safety refers to violent acts in neighborhoods and homes and injuries caused unintentionally through accidents. Unintentional injuries are a leading cause of death among individuals ages 1 through 44, and many of them are preventable. The chronic stress associated with living in unsafe neighborhoods can accelerate aging and harm health. Unsafe neighborhoods can cause anxiety, depression and stress and are linked to higher rates of preterm births and low birthweight babies, even when income is accounted for.<sup>1</sup></p>	<p><b>Violent Crime</b> (number reported per 100,000 population)</p>  <table border="1"> <thead> <tr> <th>Location</th> <th>Violent Crime (per 100,000 population)</th> </tr> </thead> <tbody> <tr> <td>Milwaukee</td> <td>1,000</td> </tr> <tr> <td>Wisconsin</td> <td>300</td> </tr> <tr> <td>Top U.S. Counties</td> <td>100</td> </tr> </tbody> </table>	Location	Violent Crime (per 100,000 population)	Milwaukee	1,000	Wisconsin	300	Top U.S. Counties	100
Location	Violent Crime (per 100,000 population)								
Milwaukee	1,000								
Wisconsin	300								
Top U.S. Counties	100								
Local Assets & Resources									
<ul style="list-style-type: none"> <li>• Criminal Justice System and Law enforcement</li> <li>• Violence prevention through trauma healing programs (Alma Center, Core el Centro)</li> <li>• Mentoring programs for young people (Credible Messenger, Running Rebels, We Got This)</li> </ul>	<ul style="list-style-type: none"> <li>• There were significantly higher reported violent crime offenses per 100,000 population in Milwaukee county compared to Wisconsin and the top U.S. counties.</li> <li>• The number of firearm fatalities per 100,000 population in Milwaukee County is 18, which is far worse than the top U.S. counties at 8 and Wisconsin at 11.</li> <li>• Milwaukee reported 13 deaths by homicide per 100,000 population compared to 4 deaths in Wisconsin and 2 for the top U.S. counties.</li> </ul>								
Community Challenges & Perceptions	Individuals Who Are More Vulnerable								
<ul style="list-style-type: none"> <li>• Children and elders are more susceptible to violence</li> <li>• Community safety influences all other aspects of life; stress, exercise, healthy eating and social isolation due to fear of leaving the home</li> <li>• Community Safety isn't just gun violence; it includes reckless driving, human trafficking and interpersonal violence</li> </ul>	<p>-People living with low-income and racial and ethnic minorities are disproportionately affected by exposure to violent crime that damages the health and development of victims, family members and entire communities.<sup>2</sup></p> <p>-In Milwaukee County, there is a large disparity in homicide for the Black population, with a rate of 39 compared to a rate of 3 for the White population.</p> <p>-Children and elders are susceptible to neglect and exploitation. About 1 in 10 people aged 60 and older who live at home are abused.<sup>3</sup> At least 1 in 7 children have experience child abuse or neglect in the last year.<sup>4</sup></p>								

<sup>1</sup> [County Health Rankings and Roadmaps: Community Safety](#)

<sup>2</sup> [HUD: Neighborhoods and Violent Crime](#)

<sup>3</sup> [CDC: Preventing Elder Abuse](#)

<sup>4</sup> [CDC: Preventing Child Abuse and Neglect](#)

Mental Health									
Why is it Important?	Data Highlights								
<p>Mental health disorders are medical conditions that disrupt a person's thinking, feeling, mood, ability to relate to others and daily functioning. Mental health issues are associated with increased rates of smoking, physical inactivity, obesity and substance abuse. As a result, these physical health problems can lead to chronic disease, injury, disability and death (including overdose or suicide).<sup>1</sup> During the COVID-19 pandemic, depression, anxiety and suicidal ideation have increased and access to mental health providers and treatment has been limited.<sup>2</sup></p>	<p>Average Number of Mentally Unhealthy Days (reported in the past 30 days and age-adjusted)</p>  <table border="1"> <thead> <tr> <th>Location</th> <th>Average Number of Mentally Unhealthy Days</th> </tr> </thead> <tbody> <tr> <td>Milwaukee</td> <td>~4.7</td> </tr> <tr> <td>Wisconsin</td> <td>4.0</td> </tr> <tr> <td>Top U.S. Counties</td> <td>~3.8</td> </tr> </tbody> </table>	Location	Average Number of Mentally Unhealthy Days	Milwaukee	~4.7	Wisconsin	4.0	Top U.S. Counties	~3.8
Location	Average Number of Mentally Unhealthy Days								
Milwaukee	~4.7								
Wisconsin	4.0								
Top U.S. Counties	~3.8								
Local Assets & Resources	<ul style="list-style-type: none"> <li>• Milwaukee County residents reported nearly 18% more mentally unhealthy days than Wisconsin residents and nearly 24% more mentally unhealthy days than residents from top U.S. counties.</li> <li>• The ratio of mental health providers in Milwaukee County is 330:1, meaning there is one mental health provider per 330 people. This is worse than the top U.S. counties' ratio of 270:1 but better than Wisconsin's ratio of 470:1.</li> <li>• The suicide rate of 12 deaths due to suicide per 100,000 in Milwaukee County is better than Wisconsin's rate of 15, but higher than top U.S. counties' rate of 11.</li> </ul>								
Community Challenges & Perceptions	Individuals Who Are More Vulnerable								
<ul style="list-style-type: none"> <li>• Lack of accessible mental health care</li> <li>• Cost of mental healthcare</li> <li>• Services are not culturally appropriate or in one's preferred language</li> <li>• COVID-19 highlighted disparities and access issues</li> <li>• Stigma</li> <li>• Providers not understanding patients' identities or needs</li> </ul>	<p>-Economic challenges (e.g., unemployment, poverty, stress) can contribute to poor mental health. Individuals with low income have higher rates of poor mental health.<sup>3</sup></p> <p>-In Milwaukee County, the suicide rate for the White population is disparately higher at 16 as compared to the Hispanic population at 6, the Black population at 7 and the Asian population at 5.</p> <p>-In the United States, White adults receive needed mental health care twice as often as Black adults.<sup>4</sup></p> <p>-Older adults are at higher risk for loneliness and social isolation as they are more often living alone, have lost family and friends, suffer from hearing loss or chronic illness.<sup>5</sup></p>								

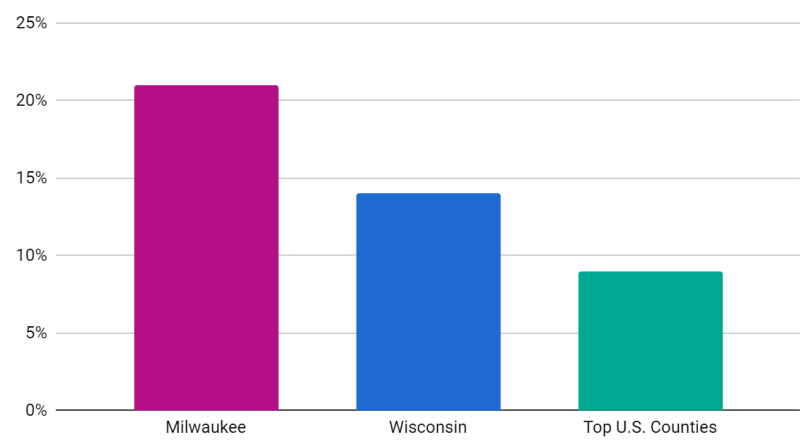
<sup>1</sup> [CDC: Mental Health and Chronic Conditions](#)

<sup>2</sup> [CDC: Mental Health, Substance Use, and Suicidal Ideation During the COVID-19 Pandemic](#)

<sup>3</sup> [Mental Health Foundation: Poverty and Mental Health](#)

<sup>4</sup> [Mental Health America: Black and African American Communities and Mental Health](#)

<sup>5</sup> [CDC: Alzheimer's Disease and Healthy Aging](#)

Safe and Affordable Housing									
Why is it Important?	Data Highlights								
<p>Healthy homes promote good physical and mental health. Not having a regular home or homelessness has been associated with declines in physical and mental health and high rates of mental health illness, substance use, infections, and chronic conditions.<sup>1</sup> Unsafe or hazardous homes have been associated with increases in asthma, chronic conditions, cardiovascular disease, increase in respiratory and other infections caused by mold, mites or other allergens, and injuries.<sup>2</sup> Safe and stable housing provides opportunities for access to education, community support and more stable employment and is overall associated with physical and mental well-being.</p>	<p><b>Severe Housing Problems*</b></p>  <table border="1"> <thead> <tr> <th>Location</th> <th>Percentage of households with at least 1 of 4 housing problems</th> </tr> </thead> <tbody> <tr> <td>Milwaukee</td> <td>21%</td> </tr> <tr> <td>Wisconsin</td> <td>14%</td> </tr> <tr> <td>Top U.S. Counties</td> <td>9%</td> </tr> </tbody> </table> <p>*Percentage of households with at least 1 of 4 housing problems: overcrowding, high housing costs, lack of kitchen facilities, or lack of plumbing facilities.</p> <ul style="list-style-type: none"> <li>21% of households in Milwaukee County are considered to have severe housing issues compared to 14% in Wisconsin and 9% in the top U.S. counties</li> <li>18% of Milwaukee County households pay 50% or more of their household income on housing. This is considerably more households than Wisconsin households and top U.S. counties.</li> <li>Over 50% of households rent their home in Milwaukee County compared to 33% in Wisconsin and 19% in the top U.S. counties.</li> </ul>	Location	Percentage of households with at least 1 of 4 housing problems	Milwaukee	21%	Wisconsin	14%	Top U.S. Counties	9%
Location	Percentage of households with at least 1 of 4 housing problems								
Milwaukee	21%								
Wisconsin	14%								
Top U.S. Counties	9%								
Local Assets & Resources									
<ul style="list-style-type: none"> <li>County Housing Division/Housing Navigators</li> <li>Eviction Prevention Coalition &amp; Landlord Organizations</li> <li>Healthy Homes Initiatives</li> <li>Impact Connect</li> <li>United Way Safe and Stable Homes</li> </ul>									
Community Challenges & Perceptions	Individuals Who Are More Vulnerable								
<ul style="list-style-type: none"> <li>High cost-burden of safe and affordable housing creates a deficit for other basic needs</li> <li>Increase in homelessness for older adults</li> <li>Increase in young people with no home but constantly moving from place to place</li> </ul>	<p>-People of color and people with low income are disproportionately affected with living in substandard housing or housing with more physical problems.<sup>3</sup></p> <p>-Children are highly susceptible to substandard housing related health conditions such as asthma, lead or other toxin poisoning and injuries.<sup>4</sup></p> <p>-Regardless of age, older adults face considerable housing-related challenges due to increased challenges in activities of daily living. Older adults are more susceptible to the physical and mental health consequences of substandard housing than younger adults.<sup>4</sup></p>								

<sup>1</sup> [CDC: Homelessness as a Public Health Law Issue](#)

<sup>2</sup> [Office of the Surgeon General \(US\)](#)

<sup>3</sup> [Taylor, L. Housing and Health: An Overview of the Literature](#)

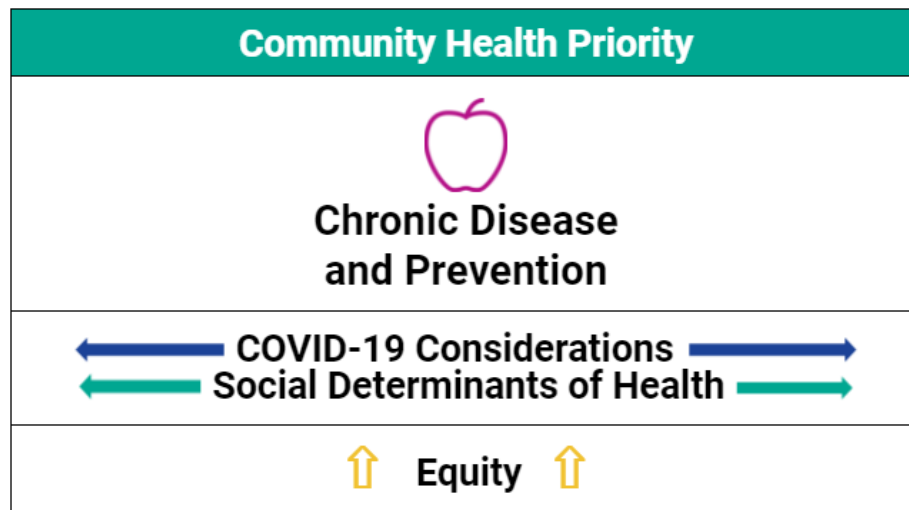
<sup>4</sup> [Krieger, J. & Higgins, D.: Housing and health: Time again for public health action](#)

## Prioritized Needs

Midwest Orthopedic Specialty Hospital used a process based upon the AHA Community Health Improvement (ACHI) key components for prioritizing community health issues to identify the needs on which the hospitals would focus. Following the completion of the community health assessment, MOSH leadership and stakeholders considered the following criteria in choosing the significant needs:

- Scope of problem (number of people impacted, severity)
- Health disparities (by income and/or race and ethnicity)
- Feasibility (known interventions, capacity)
- Momentum/commitment (political will, community readiness)
- Alignment (with health department, coalitions, Ascension Wisconsin strategies)

MOSH has defined “prioritized needs” as the significant needs which have been prioritized by the hospital to address through the three-year CHNA implementation strategy. Following are the 2021 prioritized needs for Midwest Orthopedic Specialty Hospital.



## Rationale

This need was selected because prevention is an important step towards a healthier community. For those with chronic diseases, proper treatment through healthcare can help improve quality of life. A healthy lifestyle through access to healthy foods, increase in activity and decreased stress can reduce the risk of several chronic diseases, lessening the need for medication or other treatments. This priority especially focuses on communities disproportionately affected by structural barriers relating to poverty.

### **Rationale of Non-Chosen Priority Areas**

Midwest Orthopedic Specialty Hospital understands the importance of all the health needs of the community and is committed to playing an active role in improving the health of the people in the communities it serves. For the purposes of this CHNA, Midwest Orthopedic Specialty Hospital has chosen to focus its efforts on the priority listed above.

The following significant needs were not selected for the 2021 CHNA cycle: Access to Care, Alcohol and Drug Use, Community Safety, Mental Health and Safe and Affordable Housing. Below is the rationale behind not prioritizing these issues.

**Access to Care:** Midwest Orthopedic Specialty Hospital has a commitment to and respect for each person's dignity with a special concern for those who struggle with barriers to access healthcare services and already provides financial assistance to certain individuals who receive medically necessary care from MOSH.

**Alcohol and Drug Use, Community Safety, Mental Health and Safe and Affordable Housing:** MOSH is a small specialty hospital with focus on a specific range of patient needs and these needs are outside the expertise, capacity and scope of services provided. However, Midwest Orthopedic Specialty Hospital is committed to participating with partners in addressing these needs and will continue to look for opportunities to do so.

## Summary of Impact from the Previous CHNA Implementation Strategy

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

Highlights from Midwest Orthopedic Specialty Hospital's previous implementation strategy:

- Access to Care: Provided prescriptions free of charge to patients who had financial challenges.
- Chronic Disease Prevention: Partnered with Hunger Task Force and Ascension Franklin Hospital to implement a Stockbox Program at Franklin hospital, which offers a box of supplementary food to low-income seniors every month.

Written input received from the community and a full evaluation of our efforts to address the significant health needs identified in the 2019-2022 CHNA can be found in Appendix F (page 54).

## **Approval by the Board of Managers of Midwest Orthopedic Specialty Hospital**

To ensure the Midwest Orthopedic Specialty Hospital's efforts meet the needs of the community and have a lasting and meaningful impact, the 2021 CHNA was presented to the Board of Managers, the authorized body of Midwest Orthopedic Specialty Hospital, for approval and adoption on April 29, 2022. Although an authorized body of the hospital must adopt the CHNA and implementation strategy reports to be compliant with the provisions in the Affordable Care Act, adoption of the CHNA also demonstrates that the Board of Managers is aware of the findings from the community health needs assessment, endorses the priorities identified and supports the strategy developed to address prioritized needs.

## Conclusion

The purpose of the CHNA process is to develop and document key information on the health and well-being of the communities Midwest Orthopedic Specialty Hospital serves. This report will be used by internal stakeholders, non-profit organizations, government agencies and other community partners of Midwest Orthopedic Specialty Hospital to guide the implementation strategies and community health improvement efforts as required by the Affordable Care Act. The 2021 CHNA will also be made available to the broader community as a useful resource for further health improvement efforts.

Midwest Orthopedic Specialty Hospital hopes this report offers a meaningful and comprehensive understanding of the most significant needs for residents of Milwaukee County. Midwest Orthopedic Specialty Hospital is dedicated to serving patients with a focus on quality, patient satisfaction and staff satisfaction. The hospital values the community's voice and welcomes feedback on this report. Please visit this public website (<https://healthcare.ascension.org/chna>) to submit your comments.



## Appendices

### Table of Contents

- Appendix A: Definitions and Terms
- Appendix B: Community Demographic Data and Sources
- Appendix C: Community Input Data and Sources
- Appendix D: Secondary Data and Sources
- Appendix E: Healthcare Facilities and Community Resources
- Appendix F: Evaluation of Impact From Previous CHNA Implementation Strategy

## Appendix A: Definitions and Terms

### Acute Community Concern

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

Source: Ascension Acute Community Concern Assessment Framework

### Collaborators

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

### Community Focus Groups

Group discussions with selected individuals. A skilled moderator is needed to lead focus group discussions. Members of a focus group can include internal staff, volunteers and the staff of human services and other community organizations, users of health services and members of minority or disadvantaged populations.

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

### Community Forums

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

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

### Community Served

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

### Consultants

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

### Demographics

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

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

### Health disparities

Preventable differences in **health outcomes** (e.g. infant mortality), as well as the **determinants of health** (e.g. access to affordable housing) across populations.

### Health equity

The principle that opportunities for good health in vulnerable populations are achievable by eliminating systemic, avoidable, unfair and unjust barriers. Progress towards achieving health equity can be measured by reducing gaps in health disparities.

### Identified Need

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

### **Key Stakeholder Interviews**

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

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

### **Medically Underserved Populations**

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

Source:

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

### **Prioritized Need**

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

### **Racism**

Racism is a system of structuring opportunity and assigning value based on the social interpretation of how one looks (which is what we call "race"), that unfairly disadvantages some individuals and communities, unfairly advantages other individuals and communities, and saps the strength of the whole society through the waste of human resources.

Source: APHA

### **Significant Need**

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

### **Surveys**

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

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

## Appendix B: Community Demographic Data and Sources

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

### Population

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

Population	Milwaukee County	Wisconsin	U.S.
Total	939,489*	5,893,718	331,893,745
Male	48.4%	49.8%	49.2%
Female	51.6%	50.2%	50.8%
<i>Data sources: U.S. Census: Quick Facts: United States; Wisconsin; Milwaukee County, Population Estimates, July, 1, 2021</i> <i>*Population Estimates April 1, 2020</i>			

### Population by Race or Ethnicity

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

Race or Ethnicity	Milwaukee County	Wisconsin	U.S.
Asian	4.7%	3.0%	5.9%
Black / African American	27.2%	6.7%	13.4%
Hispanic / Latino (of any race)	15.6%	7.1%	18.5%
Native American	1.0%	1.2%	1.3%
White, not Hispanic	50.6%	80.9%	60.1%
<i>Data sources: U.S. Census: Quick Facts: United States; Wisconsin; Milwaukee County, Population Estimates, July, 1, 2021</i>			

### Population by Age

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

Age	Milwaukee County	Wisconsin	U.S.
Age 0-17	23.8%	21.8%	22.3%
Age 65+	14.0%	17.5%	16.5%
Data sources: U.S. Census: Quick Facts: United States; Wisconsin; Milwaukee County, Population Estimates, July, 1, 2021			

### Income

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

Income	Milwaukee County	Wisconsin	U.S.
Median Household Income*	\$52,260	\$63,293	\$64,994
Per Capita Income*	\$30,159	\$34,450	\$35,384
People with incomes below the federal poverty guideline	19%	10%	11.4%
ALICE Households^	26%	23%	29%
Data sources: U.S. Census: Quick Facts: United States; Wisconsin; Milwaukee County, Population Estimates, July, 1, 2021			
*U.S. Census: Quick Facts: United States; Wisconsin; Milwaukee County, (in 2020 dollars), 2016-2020			
United for ALICE, National, Wisconsin and Milwaukee County data, 2018			

### Education

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

Education	Milwaukee County	Wisconsin	U.S.
High School grad or higher	88.3%	92.2%	88.0%
Bachelor's degree or higher	31.0%	30.1%	32.1%
Data sources: U.S. Census: Quick Facts: United States; Wisconsin; Milwaukee County, Population Estimates, July, 1, 2021			

### Insured/Uninsured

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

Insurance	Milwaukee County	Wisconsin	U.S.
Uninsured (persons < 65)	8.5%	6.8%	10.2%
Medicaid Participation	12%	12%	14%
Data sources: U.S. Census: Quick Facts: United States; Wisconsin; Milwaukee County, Population Estimates, July, 1, 2021 U.S. Census Bureau "ALLOCATION OF MEDICAID/MEANS-TESTED PUBLIC COVERAGE" 2019 ACS			

## Appendix C: Community Input Data and Sources

### Key Stakeholder Interview Participants

Forty-nine individuals participated in key stakeholder interviews about our community's most pressing health needs. The organizations listed here include many that serve low-income, minority and medically underserved populations. They represent an array of perspectives from communities that include but are not limited to: the elderly, youth, individuals with disabilities, faith communities, ethnic minorities, law enforcement and those living with mental illness, substance abuse and homelessness.

KEY STAKEHOLDERS		
NAME	TITLE	ORGANIZATION
Laura Gutierrez	Executive Director	United Community Center
Madeline Gianforte	Executive Director	Core El Centro
Michael Gifford	President & CEO	Vivent Health
Darlene Russell	Director of Community Engagement	Greater Milwaukee Foundation
John Hyatt	President & CEO	IMPACT Inc.
Gina Stilp	Executive Director	Zilber Family Foundation
John Chisholm	District Attorney	Milwaukee County District Attorney's Office
Shakita LaGrant-McClain	Director	Milwaukee County Department of Health and Human Services
Greg Neu	Executive Director	Milwaukee Rescue Mission / Safe Harbor
Amy Lindner	President & CEO	United Way of Greater Milwaukee & Waukesha County
Nicole Angresano	VP Community Impact	United Way of Greater Milwaukee & Waukesha County
Carmen Pitre	President & CEO	Sojourner Family Peace Center
Bria Grant	Executive Director	UniteWI
Barbara Beckert	Milwaukee Office Director	Disability Rights Wisconsin
Matt Crespin	Executive Director	Children's Health Alliance of Wisconsin / Milwaukee County Oral Health Task Force
Arman Tahir	President & CEO	Muslim Community & Health Center
Amy Kalkbrenner	Associate Professor of EHS	Zilber School of Public Health
Teri Zywicki	President & CEO	Milwaukee Center for Independence
Jeff Roman	Executive Director	Milwaukee County Office on African American Affairs
Joshua Parish	Assistant Chief MFD	Milwaukee Fire Department
Keith Posley	Superintendent	Milwaukee Public Schools
Erica Olivier	Deputy Commissioner of Community Health	City of Milwaukee Health Department

Kirsten Beyer	Associate Professor of Epidemiology	Institute for Health and Equity at the Medical College of Wisconsin
Héctor Colón	President & CEO	Lutheran Social Services of Wisconsin and Upper Michigan, Inc.
Andi Elliott	CEO	Community Advocates Inc.
Lyle Ignace	President & CEO	Gerald L. Ignace Indian Health Center, Inc.
Mike Lappen	Administrator	Milwaukee County Behavioral Health Division
Caroline Gomez-Tom	Director of Patient and Community Engagement	Sixteenth Street Community Health Centers, Milwaukee Latino Health Coalition
Patti Habeck	President	Feeding America Eastern Wisconsin
Daniel Zomchek	Administrator	Milwaukee VA Medical Center
Cherrie Hanson	Program Director	Interfaith Conference of Greater Milwaukee
Marcey Patterson	Faith Based and Community Engagement Liaison	Office of the Mayor - City of Milwaukee
Rachel Kaehny-Frank	Aging Resource Center Manager	Milwaukee County Department of Health and Human Services
Daniel Idzikowski	Program and Policy Coordinator	Milwaukee County Department of Health and Human Services
Marques Hogans, Sr.	Project Manager	Ascension Wisconsin / Sherman Park BUILD Health
Arnitta Holliman	Director	Milwaukee Health Department, Office of Violence Prevention
Michele Bria	CEO	Journey House
Martina Gollin-Graves	President & CEO	Mental Health America of Wisconsin
Gerald Coon	President & CEO	Diverse & Resilient
Eve Hall	CEO	Milwaukee Urban League
George Hinton	President & CEO	Social Development Commission
Mayhoua Moua	Executive Director	Southeast Asian Educational Development of Wisconsin, Inc.
Ginny Finn	President & CEO	YWCA Southeast Wisconsin
Melinda Wyant Jansen	Vice President of Programs & Chief Academic Officer	Boys & Girls Clubs of Greater Milwaukee
Jeffrey Norman	Chief of Police	Milwaukee Police Department
Al Castro	Research Director	United Community Center
Genyne Edwards	Partner	P3 Development Group
Joe'Mar Hooper	Executive Director	Safe & Sound
Frank Cumberbatch	VP Community Engagement	Bader Philanthropies



### Focus Group Participants

Four focus groups were conducted between October and November 2021. The Milwaukee Health Care Partnership invited key partners, organizations and groups to participate in these 60-minute virtual sessions. The groups listed below represent a large array of community organizations, faith and community leaders, government officials and health system leadership and include many that serve low-income, minority and medically underserved populations.

FOCUS GROUPS	
Community and Economic Development	
NAME	ORGANIZATION
Theo Lipscomb	LISC
Irma Yepez Klassen	Zilber Family Foundation
Emily Kenney	IMPACT211
James Mathey	Milwaukee County Housing Administrator
Sheila Smith	Northwest Side Community Development Corporation
Danitra Jones	Northwest Side Community Development Corporation
Greg Stadter	Milwaukee Health Care Partnership
Youth-Serving Community-Based Organizations	
NAME	ORGANIZATION
Santana Lee	All4Kids
Sharlen Moore	Urban Underground and Youth Justice Milwaukee
Darrin Madison	Urban Underground
TeAngelo Cargile, Jr.	Office of Violence Prevention
Kahina Cargile	I Have A Dream Foundation
Raegina Hyler	Alive MKE
Cecilia Gencuski	PEAK
Mayhoua Moua	Milwaukee Consortium for Hmong Health
Dean Heus	Vel R. Phillips School, Wauwatosa School District

Local Public Health Departments	
NAME	ORGANIZATION
Bob Leischow	West Allis Health Department
Mike Totoraitis	City of Milwaukee Health Department
Courtney Day	Franklin Health Department
Darcy Dubois	Oak Creek Health Department
Darren Rausch	Greenfield Health Department
Heather Puente	Cudahy Health Department
Kathleen Platt	North Shore Health Department
Laura Stephens	Wauwatosa Health Department
Jackie Ove	South Milwaukee Health Department
Susan Shepeard	Greendale Health Department
Free & Community Clinics (FC3 Collaborative ) (Full group 25+)	

## Data Reports

Full reports including purpose, methodology, data sources, listings of stakeholders and information for consultants and partners can be found here:

- [Milwaukee Community Health Needs Assessment Data Reports](#)

## Appendix D: Secondary Data and Sources\*

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

CHRR compiles new data every year and shares with the public in March. The data below is from the 2020 publication. It is important to understand that reliable data is generally two to three years behind due to the importance of careful analysis. NOTE: Data in the charts does not reflect the effects that the COVID-19 pandemic has had on communities.

\*This report reflects several sources of reputable and reliable data. Because of differences in methods, there might be slight differences in measures between different sources.

### How To Read These Charts

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

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

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

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

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

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

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

## Health Outcomes

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

Indicators	Trend	Milwaukee County	WI	Top U.S. Counties	Description
<b>Length of Life</b>					
Premature Death ★		8,900	6,300	5,400	Years of potential life lost before age 75 per 100,000 population (age-adjusted).
Life Expectancy ★		76.9	79.5	81.1	How long the average person should live.
Infant Mortality ★		9	6	4	Number of all infant deaths (within 1 year) per 1,000 live births.
Child Mortality ★		70	50	40	Number of deaths among children under age 18 per 100,000 population.
<b>Physical Health</b>					
Poor or Fair Health		20%	15%	14%	Percent of adults reporting fair or poor health.
Poor Physical Health Days		4.9	3.7	3.4	Average number of physically unhealthy days reported in past 30 days (age-adjusted).
Frequent Physical Distress		14%	11%	10%	Percent of adults reporting 14 or more days of poor physical health per month.
Low Birth Weight ★		10%	7%	6%	Percent of babies born too small (less than 2,500 grams).
<b>Mental Health</b>					
Poor Mental Health Days		4.7	4.0	3.8	Average number of mentally unhealthy days reported in the past 30 days.
Frequent Mental Distress		14%	13%	12%	Percent of adults reporting 14 or more days of poor mental health per month.
Suicide ★		12	15	11	Number of deaths due to suicide per 100,000.
<b>Morbidity</b>					
Diabetes Prevalence		10%	10%	8%	Percent of adults age 20 and above with diagnosed diabetes.
<b>Communicable Disease</b>					
HIV Prevalence		274	129	50	Number of people age 13 years and over with a diagnosis of HIV per 100,000.
Sexually Transmitted Infections		1,175.8	483.6	161.2	Number of newly diagnosed chlamydia cases per 100,000.
<b>Source:</b> <a href="https://www.countyhealthrankings.org/app/wisconsin/2021/rankings/milwaukee/county/outcomes/overall/snapshot">https://www.countyhealthrankings.org/app/wisconsin/2021/rankings/milwaukee/county/outcomes/overall/snapshot</a> ★ See disparities table on page 48					

### Social and Economic Factors

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

Indicators	Trend	Milwaukee County	WI	Top U.S. Counties	Description
<b>Economic Stability</b>					
Median Household Income ★		\$53,500	\$64,200	\$72,900	Income where half of households in a county earn more and half of households earn less.
Unemployment		4.0%	3.3%	2.6%	Percentage of population ages 16 and older unemployed but seeking work.
Childhood Poverty ★		24%	14%	10%	Percentage of people under age 18 in poverty.
<b>Educational Attainment</b>					
High School Graduation		78%	90%	95%	Percentage of ninth-grade cohort that graduates in four years.
High School Completion		88%	92%	94%	Percentage of adults ages 25 and over with a high school diploma or equivalent.
Some College		66%	70%	73%	Percentage of adults ages 25-44 with some post-secondary education.
<b>Social/Community</b>					
Children in Single-parent Homes		40%	23%	14%	Percentage of children living in a household headed by a single parent.
Social Associations		8.6	11.5	18.2	Number of membership associations per 10,000 population.
Disconnected Youth		7%	5%	4%	Percentage of teens and young adults ages 16-19 neither working nor in school.
Violent Crime		1,020	298	63	Number of reported violent crime offenses per 100,000 population.
Injury Deaths ★		107	84	59	Number of deaths due to injury per 100,000 population.
Firearm Fatalities ★		18	11	8	Number of deaths due to firearms per 100,000 population.
<b>Access to Healthy Foods</b>					
Food Environment Index		8.1	9.0	8.7	Index of factors that contribute to a healthy food environment, 0-worst 10-best.
Food Insecurity		13%	9%	9%	Percent of the population lacking adequate access to food.
Limited Access to Healthy Foods		3%	5%	2%	Percent of the population who are low-income and do not live close to a grocery store.
Source: <a href="https://www.countyhealthrankings.org/app/wisconsin/2021/rankings/milwaukee/county/outcomes/overall/snapshot">https://www.countyhealthrankings.org/app/wisconsin/2021/rankings/milwaukee/county/outcomes/overall/snapshot</a>					
★ See disparities table on page 48					

## Physical Environment

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

Indicators	Trend	Milwaukee County	WI	Top U.S. Counties	Description
<b>Physical Environment</b>					
Severe Housing Cost Burden		18%	12%	7%	Percentage of households that spend 50% or more of their household income on housing.
Severe Housing Problems		21%	14%	9%	Percentage of households with at least 1 of 4 housing problems: overcrowding, high housing costs, lack of kitchen facilities, or lack of plumbing facilities.
Air Pollution - Particulate Matter		8.3	7	5.2	Average daily density of fine particulate matter in micrograms per cubic meter (PM2.5).
Homeownership		49%	67%	81%	Percentage of occupied housing units that are owned.
Broadband		78%	83%	86%	Percentage of households with broadband internet connection.

Source: <https://www.countyhealthrankings.org/app/wisconsin/2021/rankings/milwaukee/county/outcomes/overall/snapshot>

## Clinical Care

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

Indicators	Trend	Milwaukee County	WI	Top U.S. Counties	Description
<b>Healthcare Access</b>					
Uninsured		8%	7%	6%	Percentage of population under age 65 without health insurance.
Uninsured Adults		10%	8%	7%	Percentage of adults under age 65 without health insurance.
Uninsured children		3%	4%	3%	Percentage of children under age 19 without health insurance.
Primary Care Physicians		1,360:1	1,270:1	1,030:1	Ratio of the population to primary care physicians.
Other Primary Care Providers		490:1	810:1	620:1	Ratio of the population to primary care providers other than physicians.

Mental Health Providers		330:1	470:1	270:1	Ratio of the population to mental health providers.
<b>Hospital Utilization</b>					
Preventable Hospital Stays ★		5,196	3,747	2,565	Rate of hospital stays for ambulatory-care sensitive conditions per 100,000 Medicare enrollees.
<b>Preventative Healthcare</b>					
Flu Vaccinations★		52%	53%	55%	Percentage of fee-for-service (FFS) Medicare enrollees that had an annual flu vaccination.
Mammography Screenings★		44%	49%	51%	Percentage of female Medicare enrollees ages 65-74 that received an annual mammography screening.
Source: <a href="https://www.countyhealthrankings.org/app/wisconsin/2021/rankings/milwaukee/county/outcomes/overall/snapshot">https://www.countyhealthrankings.org/app/wisconsin/2021/rankings/milwaukee/county/outcomes/overall/snapshot</a>					
★ See disparities table on page 48					

## Health Behaviors

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

Indicators	Trend	Milwaukee County	WI	Top U.S. Counties	Description
<b>Healthy Life</b>					
Adult Obesity		32%	32%	26%	Percentage of the adult population (age 20 and older) reporting a body mass index (BMI) greater than or equal to 30 kg/m2.
Physical Inactivity		23%	20%	19%	Percentage of adults age 20 and over reporting no leisure-time physical activity.
Access to Exercise Opportunities		98%	85%	91%	Percentage of population with adequate access to locations for physical activity.
Insufficient Sleep		36%	33%	32%	Percentage of adults reporting fewer than seven hours of sleep on average.
Motor Vehicle Crash Deaths ★		9	10	9	Number of motor vehicle crash deaths per 100,000 population.
<b>Substance Use and Misuse</b>					
Adult Smoking		20%	17%	16%	Percentage of adults who are current smokers.
Excessive Drinking		23%	27%	15%	Percentage of adults reporting binge drinking or heavy drinking.
Alcohol-Impaired Driving Deaths		30%	36%	11%	Percent of alcohol-impaired driving deaths.
Drug Overdose ★		39	20	11	Number of drug poisoning deaths per 100,000 population.

Sexual Health					
Teen Births ★		29	15	12	Number of births per 1,000 female population ages 15-19.
Sexually Transmitted Infections		1,175.8	483.6	161.2	Number of newly diagnosed chlamydia cases per 100,000 population.
Source: <a href="https://www.countyhealthrankings.org/app/wisconsin/2021/rankings/milwaukee/county/outcomes/overall/snapshot">https://www.countyhealthrankings.org/app/wisconsin/2021/rankings/milwaukee/county/outcomes/overall/snapshot</a>					
★ See disparities table on page 48					

## Disparities, Milwaukee County

Why they are important: Differences in access to opportunities that affect health can create differences between groups of people in the community. A focus on equity is important to improving health for everyone in the community.

Indicator	Population	Measure
Health Outcomes		
Child Mortality	Overall	70
	Asian	50
	Black	130
	Hispanic	50
	White	40
Infant Mortality	Overall	9
	Asian	9
	Black	18
	Hispanic	5
	White	4
Life Expectancy	Overall	76.9
	American Indian & Alaskan Native	75.2
	Asian	83.5
	Black	71.7
	Hispanic	82.5
	White	78.6
Low Birth Weight	Overall	10%
	American Indian & Alaskan Native	11%
	Asian	9%
	Black	15%
	Hispanic	8%
	White	7%
Premature Death	Overall	8,900
	American Indian & Alaskan Native	10,100
	Asian	5,000
	Black	14,600
	Hispanic	5,900
	White	7,100



Social and Economic Factors		
Children in Poverty	<b>Overall</b>	<b>24%</b>
	American Indian & Alaskan Native	36%
	Asian	32%
	Black	43%
	Hispanic	31%
	White	9%
Firearm Fatalities	<b>Overall</b>	<b>18</b>
	Asian	7
	Black	41
	Hispanic	8
	White	9
Injury Deaths	<b>Overall</b>	<b>107</b>
	American Indian & Alaskan Native	118
	Asian	29
	Black	123
	Hispanic	56
	White	121
Median Household Income	<b>Overall</b>	<b>\$53,500</b>
	American Indian & Alaskan Native	\$43,700
	Asian	\$59,300
	Black	\$30,900
	Hispanic	\$40,900
	White	\$63,500
Suicide	<b>Overall</b>	<b>12</b>
	Asian	5
	Black	7
	Hispanic	6
	White	16
Clinical Care		
Flu Vaccines	<b>Overall</b>	<b>52%</b>
	American Indian & Alaskan Native	37%
	Asian	51%
	Black	40%
	Hispanic	46%
	White	55%
Preventable Hospital Stays	<b>Overall</b>	<b>5,196</b>
	American Indian & Alaskan Native	12,488
	Asian	4,591
	Black	7,714
	Hispanic	6,088
	White	4,432

Mammography Screening	<b>Overall</b>	<b>44%</b>
	American Indian & Alaskan Native	37%
	Asian	32%
	Black	40%
	Hispanic	35%
	White	46%
<b>Health Behaviors</b>		
Drug Overdose	<b>Overall</b>	<b>39</b>
	American Indian & Alaskan Native	84
	Black	40
	Hispanic	25
	White	46
Motor Vehicle Crash Deaths	<b>Overall</b>	<b>9</b>
	Asian	4
	Black	16
	Hispanic	7
	White	7
Teen Births	<b>Overall</b>	<b>29</b>
	American Indian & Alaskan Native	25
	Asian	20
	Black	51
	Hispanic	35
	White	9
Source: <a href="https://www.countyhealthrankings.org/app/wisconsin/2021/rankings/milwaukee/county/outcomes/overall/snapshot">https://www.countyhealthrankings.org/app/wisconsin/2021/rankings/milwaukee/county/outcomes/overall/snapshot</a>		

## Appendix E: Healthcare Facilities and Community Resources

As part of the CHNA process, MOSH has cataloged resources available in Milwaukee County that address the significant needs identified in this CHNA. Resources may include acute care facilities (hospitals), primary and specialty care clinics and practices, mental health providers and other non-profit services. State and national resources can also provide information regarding programs that can better serve the needs of a person experiencing a specific problem. The resources listed under each significant need heading are not intended to be exhaustive.

### Access to Care

Organization Name	Phone	Website
Ascension Columbia St. Mary's Hospital Milwaukee	414-585-1000	<a href="#">Ascension Columbia St. Mary's Website</a>
Ascension SE Wisconsin Hospital - St. Joseph Campus	414-447-2000	<a href="#">Ascension St. Joseph Website</a>
Ascension St. Francis Hospital	414-647-5000	<a href="#">Ascension St. Francis Hospital Website</a>
Ascension SE Wisconsin Hospital - Franklin Campus	414-325-4700	<a href="#">Ascension Franklin Website</a>
Aurora St. Luke's Medical Center	414-649-6000	<a href="#">Aurora St. Luke's Medical Center Website</a>
Aurora West Allis Medical Center	414-328-6000	<a href="#">Aurora West Allis Medical Center Website</a>
Froedtert Hospital	414-805-3000	<a href="#">Froedtert Hospital Website</a>
Gerald L. Ignace Indian Health Center	414-383-9526	<a href="#">Ignace Indian Health Center Website</a>
Milwaukee Hospital-Children's Wisconsin	414-266-2000	<a href="#">Milwaukee Hospital-Children's Wisconsin Website</a>
Milwaukee Health Services, Inc.	414-760-3900	<a href="#">Milwaukee Health Services, Inc. Website</a>
Outreach Community Health Centers	414-727-6320	<a href="#">Outreach Community Health Centers Website</a>
Progressive Community Health Centers	414-935-8000	<a href="#">Progressive Community Health Centers Website</a>
Sixteenth Street Community Health Centers	414-672-1353	<a href="#">Sixteenth Street Community Health Centers Website</a>

### Alcohol and Drug Use

Organization Name	Phone	Website
Ascension St. Francis Hospital - Behavioral Health	414-389-3111	<a href="#">Ascension St. Francis BH Website</a>
Aurora Behavioral Health	414-454-6600	<a href="#">Aurora Behavioral Health Website</a>
Milwaukee County Behavioral Health Division - Crisis Line	414-257-7222	<a href="#">Milwaukee County Behavioral Health Website</a>
Rogers Behavioral Health	414-865-2800	<a href="#">Rogers Behavioral Health Website</a>

### Chronic Disease and Prevention

Organization Name	Phone	Website
Feeding America Eastern Wisconsin	414-931-7400	<a href="#">Feeding America Website</a>
Hunger Task Force	414-777-0483	<a href="#">Hunger Task Force Website</a>
MKE Rec Free Community Wellness	414-475-8775	<a href="#">Milwaukee Recreation: Free Community Wellness</a>
UW-Extension Milwaukee County	414-615-0550	<a href="#">Extension Milwaukee County</a>

### Community Safety

Organization Name	Phone	Website
Milwaukee Police Department - Office of Community Outreach & Education	414-935-7905	<a href="#">Office of Community Outreach and Education</a>
Safe & Sound, Inc.	414-220-4798	<a href="#">Safe &amp; Sound - Milwaukee</a>
Sexual Assault Nurse Examiner (SANE) Programs	Various - See Website	<a href="#">Wisconsin Forensic Programs</a>

### Mental Health

Organization Name	Phone	Website
Ascension Columbia St. Mary's Hospital - Behavioral Health	414-585-5530	<a href="#">Ascension Columbia St. Mary's Hospital Milwaukee BH</a>
Ascension St. Francis Hospital - Behavioral Health	414-389-3111	<a href="#">Ascension St. Francis BH Website</a>
Aurora Behavioral Health	414-454-6600	<a href="#">Aurora Behavioral Health Website</a>
Mental Health America Wisconsin	414-276-3122	<a href="#">MHA Wisconsin Website</a>
Milwaukee County Behavioral Health Division - Crisis Line	414-257-7222	<a href="#">Milwaukee County Behavioral Health Website</a>
National Alliance on Mental Illness - Southeast Wisconsin	414-344-0447	<a href="#">NAMI Southeast Wisconsin</a>
Rogers Behavioral Health	414-865-2800	<a href="#">Rogers Behavioral Health Website</a>

### Safe and Affordable Housing

Organization Name	Phone	Website
Milwaukee County Housing Division	414-278-4894	<a href="#">Milwaukee County Housing</a>
Lutheran Social Services Affordable Housing Locations	414-246-2304	<a href="#">Affordable Housing Locations - Lutheran Social Services of Wisconsin and Upper Michigan</a>
Milwaukee Habitat for Humanity	414-562-6100	<a href="#">Milwaukee Habitat for Humanity</a>
Milwaukee Rental Housing Resource Center (MKE RHRC)	414-895-7368	<a href="#">Rental Housing Resource Center</a>
The Housing Authority of the City of Milwaukee (HACM)	414-286-5824	<a href="#">Housing   Housing Authority of the City of Milwaukee, WI</a>

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

Midwest Orthopedic Specialty Hospital's previous CHNA implementation strategy was adopted in November 2019 and addressed the following priority health needs: Chronic Disease Prevention.

The table below describes the actions taken during the 2019-2022 CHNA to address the priority needs and indicators of improvement. Note: At the time of the report publication in April, the third year of the cycle has not been completed. The table includes results up to that time.

PRIORITY NEED	Access to Care	
ACTIONS TAKEN	STATUS OF ACTIONS	RESULTS
Milwaukee Enrollment Network/Patient Financial Counseling	In partnership with Ascension Franklin, screened patients for financial aid needs and helped self-paying patients apply to Medicaid, as part of the Milwaukee Health Care Partnership (MHCP) Milwaukee Enrollment Network (MKEN)	<ul style="list-style-type: none"> <li>Process Measures <ul style="list-style-type: none"> <li>Screened 3,039 self-pay patients in the ED and inpatient campus for financial aid need between both hospitals</li> <li>106 patients received support in applying to Medicaid between both hospitals</li> <li>1,023 patients received support in applying to Community Care between both hospitals</li> </ul> </li> <li>Outcomes Measures <ul style="list-style-type: none"> <li>97.7% of self-pay patients in the ED and inpatient campus were screened for financial aid needs</li> <li>1,129 community members were connected to financial aid for increased access to healthcare</li> </ul> </li> </ul>
Transportation Assistance	In partnership with Ascension Franklin, referred patients to the Lyft program to receive free rides to medical appointments	<ul style="list-style-type: none"> <li>Process Measures <ul style="list-style-type: none"> <li>2,507 rides provided between both hospitals, at no charge to individuals to assist them in accessing healthcare services</li> </ul> </li> <li>Outcome Measures <ul style="list-style-type: none"> <li>78.5% increase in average yearly rides from baseline, resulting in improved access for patients to medical appointments</li> </ul> </li> </ul>

PRIORITY NEED	Chronic Disease Prevention	
ACTIONS TAKEN	STATUS OF ACTIONS	RESULTS
Motivational Interviewing	In partnership with other Ascension Wisconsin Milwaukee hospitals, taught Motivational Interviewing techniques in the Ascension Wisconsin Nurse Residency Program to assist nurses in working and communicating with patients about risk behaviors for chronic disease	<ul style="list-style-type: none"> <li>• Process Measures <ul style="list-style-type: none"> <li>o 131 nurses were trained on Motivational Interviewing between all hospitals</li> </ul> </li> <li>• Outcome Measures <ul style="list-style-type: none"> <li>o 95% of the nurses that trained and returned the survey indicated that they planned to use the technique in their practice</li> </ul> </li> </ul>
Increase Access to Fruits and Vegetables	Partnered with Hunger Task Force and Ascension Franklin to implement a Stockbox Program at Ascension Franklin, which offers a box of supplementary food to low-income seniors every month	<ul style="list-style-type: none"> <li>• Process Measures <ul style="list-style-type: none"> <li>o 193 Stockboxes distributed between both hospitals</li> </ul> </li> <li>• Outcome Measures <ul style="list-style-type: none"> <li>o 100% of returning participants that took the survey indicated that they have increased their fruit and vegetable intake</li> </ul> </li> </ul>
Franklin Family Night and 5K Fun Walk/Run	Started planning a Family Fun Night and 5K Fun Walk/Run for community outreach and education	<ul style="list-style-type: none"> <li>• Process Measures <ul style="list-style-type: none"> <li>o Planning had started in early 2020 but was canceled due to COVID-19</li> </ul> </li> <li>• Outcome Measures <ul style="list-style-type: none"> <li>o None</li> </ul> </li> </ul>