



2020-2022 Community Health Needs Assessment — Implementation Plan

Adopted by the Mercy Health Youngstown Board of Trustees, April 23, 2020

Mercy Health Youngstown

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3. Maternal and infant health
4. Social determinants of health with a focus on cultural bias and inequity, access to care, transportation and housing

INTRODUCTION

The detailed process, participants and results are available in Mercy Health Youngstown's Community Health Needs Assessment Report which is available at mercy.com.

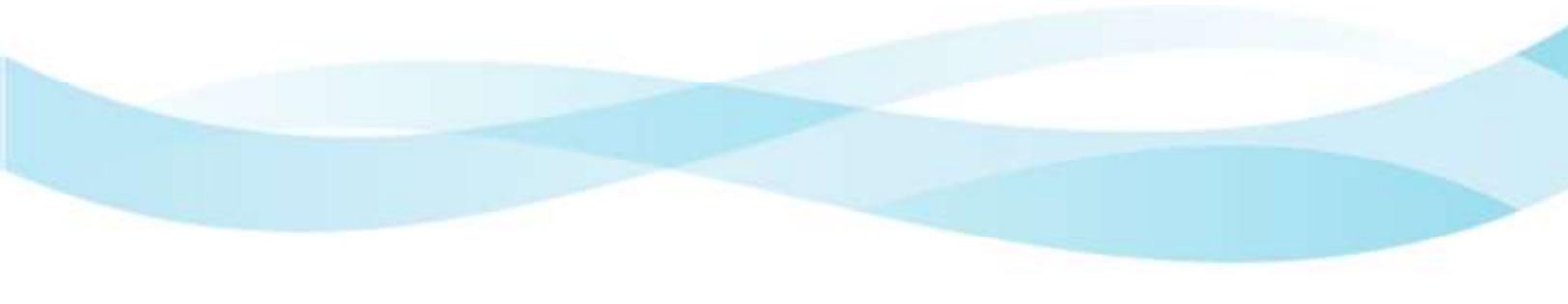
This Community Health Needs Assessment Implementation Plan will address the significant community needs identified through the CHNA. The Plan indicates which needs Mercy Health Youngstown, including St. Elizabeth Youngstown Hospital, St. Elizabeth Boardman Hospital and St. Joseph Warren Hospital, will address and how, as well as which needs St. Elizabeth Youngstown Hospital, St. Elizabeth Boardman Hospital and St. Joseph Warren Hospital won't address and why.

Beyond the programs and strategies outlined in this Plan, St. Elizabeth Youngstown Hospital, St. Elizabeth Boardman Hospital and St. Joseph Warren Hospital will address the health care needs of the community by continuing to operate in accordance with its' mission to extend the compassionate ministry of Jesus by improving the health and well-being of our communities and bring good help to those in need, especially people who are poor, dying and underserved. This includes providing care for all individuals regardless of their ability to pay.

The strategies and tactics of this Implementation Plan will provide the foundation for addressing the community's significant needs between 2020 and 2022. However, St. Elizabeth Youngstown Hospital, St. Elizabeth Boardman Hospital and St. Joseph Warren Hospital anticipates that some of the strategies, tactics and even the needs identified will evolve over that period. St. Elizabeth Youngstown Hospital, St. Elizabeth Boardman Hospital and St. Joseph Warren Hospital plans a flexible approach to addressing the significant community needs that will allow for adaption to changes and collaboration with other community agencies.

COMMUNITY SERVED BY HOSPITAL

Mercy Health Youngstown is a health system that includes three hospitals, St. Elizabeth Youngstown Hospital, St. Elizabeth Boardman Hospital and St. Joseph Warren Hospital and multiple facilities primarily serving the tri-county area of Mahoning, Trumbull and Columbiana counties in northeast Ohio. The three hospitals are collectively referred to as "MHY." This is the first time MHY has prepared a joint CHNA report and implementation plan. For the reasons below, we believe it makes more sense to define our community as



Mahoning, Trumbull, and Columbiana counties in northeast Ohio and prepare this joint CHNA and implementation plan:

- MHY functions as one system with three hospitals working to serve the needs of the community in the tri-county area.
- Although St. Elizabeth Youngstown Hospital, St. Elizabeth Boardman Hospital, and St. Joseph Warren Hospital are separately licensed, they jointly meet the needs of the tri-county area.
- The hospitals' joint CHNA and implementation plan was done in partnership with Mahoning and Trumbull County Health Partners (MTCHP) and Hospital Council of Northwest Ohio (HCNO). Individuals and organizations serving residents of the tri-county area provided input.
- Government agencies participating in the hospitals' joint CHNA and implementation plan operate and provide services in the tri-county area.

MHY hospital descriptions:

St. Elizabeth Youngstown Hospital:

St. Elizabeth Youngstown Hospital (SEYH) is a tertiary care facility that draws patients from the tri-county area, including parts of Trumbull, Mahoning, and Columbiana counties and is also a Level I Trauma Center serving as a trauma site for multiple counties in the surrounding primary service area.

Patient data from 2018 indicates that nearly 65% of total volume reside in Mahoning County, with an additional portion of the population from Trumbull County. Zip codes include 44515, 44505, 44511, 44512, 44509, 44420, 44406, 44502, 44514, 44446, 44425, 44405, 44484, 44507, 44483, 44471, 44504, 44410, 44510, 44460, 44440, 44481, 44506.

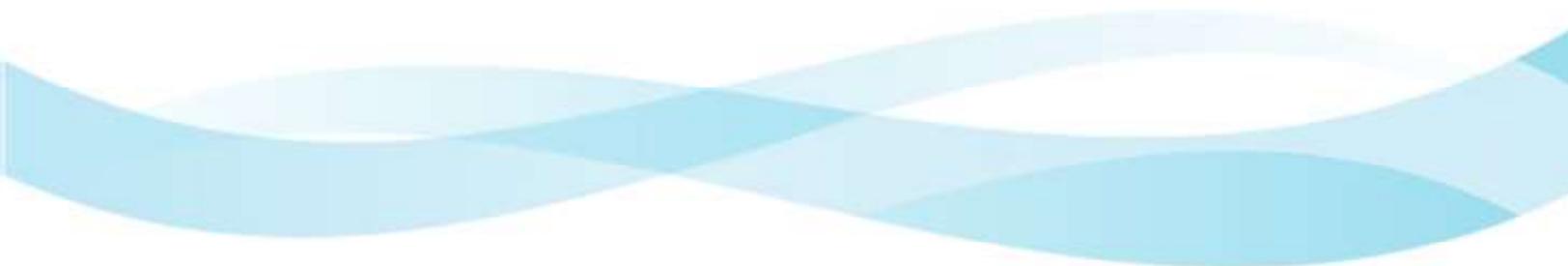
St. Elizabeth Boardman Hospital:

St. Elizabeth Boardman Hospital (SEBH) is a community facility primarily serving residents of southern Mahoning and northern Columbiana counties. SEBH also offers Level III maternity services to surrounding counties.

Patient data from 2018 indicates that more than 90% of total volume reside in Mahoning and Columbiana Counties. Zip codes include 44512, 44514, 44406, 44511, 44471, 44515, 44502, 44408, 44460, 44505, 44405, 44509, 44413, 44442, 44507, 44452, 44436, 43920. At SEBH in 2018, about 75% of patients were from Mahoning County and about 15% from Columbiana County.

St. Joseph Warren Hospital:

St. Joseph Warren Hospital (SJWH) is a community facility primarily serving residents of Trumbull County. SJWH offers Level II maternity services.



Patient data from 2018 indicates that nearly 90% of total volume reside in Trumbull County. Zip codes include 44483, 44485, 44484, 44446, 44410, 44481, 44444, 44430, 44420, 44473, 44470.

MISSION

We extend the compassionate ministry of Jesus by improving the health and well-being of our communities and bring good help to those in need, especially people who are poor, dying and underserved.

Mercy Health's mission and culture are expressed through our organization's core values:

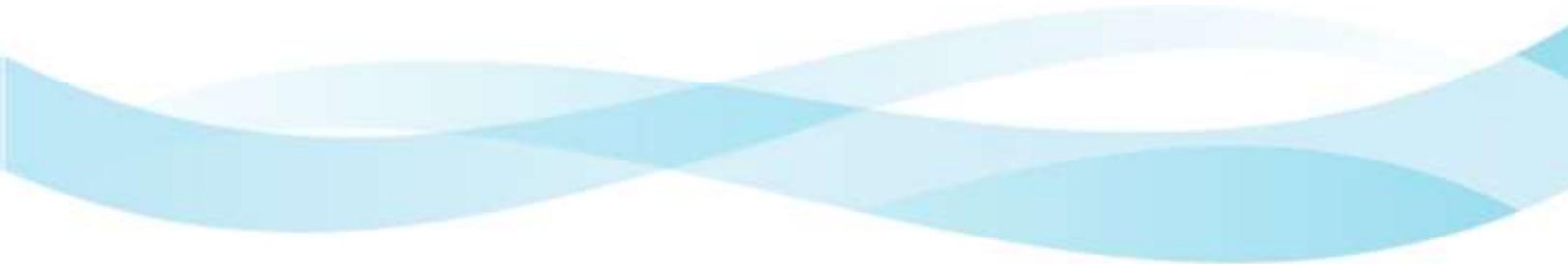
Human Dignity
Integrity
Compassion
Stewardship
Service

Executive Summary

BACKGROUND AND PROCESS

MHY was a lead partner with Mahoning and Trumbull County Health Partners (MTCHP) in completing the CHNA and Community Health Improvement Plan (CHIP) process which was carried out from March 2018 through August 2019 with over 25 planning meetings and conference calls. MTCHP members included:

- Mercy Health Youngstown LLC
- Mahoning County Public Health
- Trumbull County Combined Health District
- Healthy Community Partnership Mahoning Valley
- Youngstown City Health District
- Mahoning County Mental Health and Recovery Board
- Mercy Health Foundation Mahoning Valley
- Trumbull County Mental Health and Recovery Board
- Warren City Health District



MTCHP contracted with the Hospital Council of Northwest Ohio (HCNO) to guide the CHNA and CHIP process. HCNO is a 501(c)3 non-profit regional hospital association located in Toledo, Ohio that facilitates community health needs assessments and planning processes in 40+ counties in Ohio, Michigan, and Oregon. HCNO collected the data, guided the health assessment process, and integrated sources of primary and secondary data for Mahoning County and Trumbull County Community Health Assessment reports.

The process for the CHNA was cross-sectional in nature and included a written survey of adults within Mahoning and Trumbull Counties and focus groups of at-risk populations as well as incorporation of other health data sources to provide a comprehensive assessment of the health of the residents of Mahoning and Trumbull Counties.

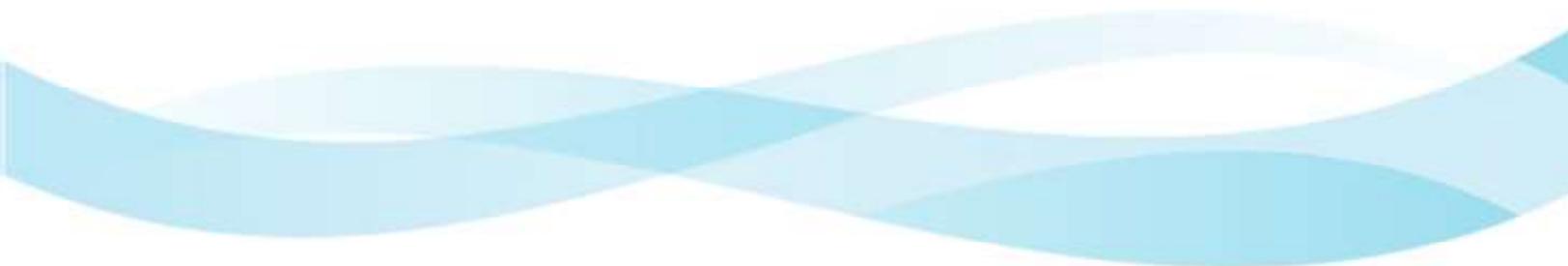
Mahoning County and Trumbull County adults (ages 19 and older) participated in a written, self-administered health assessment survey from September 2018 through January 2019. The questions were modeled after the survey instruments used by the Centers for Disease Control and Prevention for their national and state Behavioral Risk Factor Surveillance System (BRFSS). Surveys were mailed to 1,800 adults in Mahoning County and 1,800 in Trumbull County. This includes 1,200 to the general population with an additional 600 to African American residents in each county. The Mahoning County response rate was 23% (n=419: CI=± 4.78). and the Trumbull County response rate was 22% (n=419: CI=± 4.78). Based on return rates and sample sizes, the health assessment is representative of the entire county. The response rate for African Americans was low (13%), even with oversampling to recruit African Americans. While a typical response rate would yield enough surveys (n=380) to be 95% confident in our findings with a 5% margin of error, the low response rate yielded only 133 African Americans which brings the margin of error to 8.4% at a 95% confidence interval.

Initially, seven focus groups were conducted in November 2018 with residents from several at-risk or underserved populations including, African American, Hispanic/Latino, senior, young adult, low-income, and residents from rural areas. Additional focus groups were held in June 2019.

As part of the CHNA process, MHY also reviewed the Columbiana County 2019 Community Health Needs Assessment and ensured alignment with the Ohio State Health Improvement Plan (SHIP).

Community input

Community Release Events were held June 6, 2019 in both Mahoning and Trumbull counties to present the survey and focus group data and get input from the community.



Community members had the opportunity to provide feedback through discussion at the event, by written comments on a feedback form and by submitting comments to the health department websites. Based on these comments, additional focus groups were held in June 2019 for African Americans, Hispanic/Latino, low income, LGBTQIA+, and young adults.

The community participated in CHIP planning meetings on June 27, July 8, July 25 and August 27, 2019 in Mahoning and Trumbull counties to identify and prioritize significant health needs. MHY staff attended and shared significant health needs previously identified by MHY Executive and Service Line Leaders. Each participant was asked to identify what they perceived to be the top five health problems, and this generated a list of 25-30 health needs. From this list, organizations voted to determine the top health needs in each county.

Identifying significant needs

During the CHIP planning meetings, the significant health needs identified by each county were prioritized

Five prioritized health needs for Mahoning County:

1. Mental health and addiction
2. Chronic disease
3. Maternal and infant health
4. Social determinants of health
5. Equity

Three prioritized health needs and two cross cutting factors for Trumbull County were:

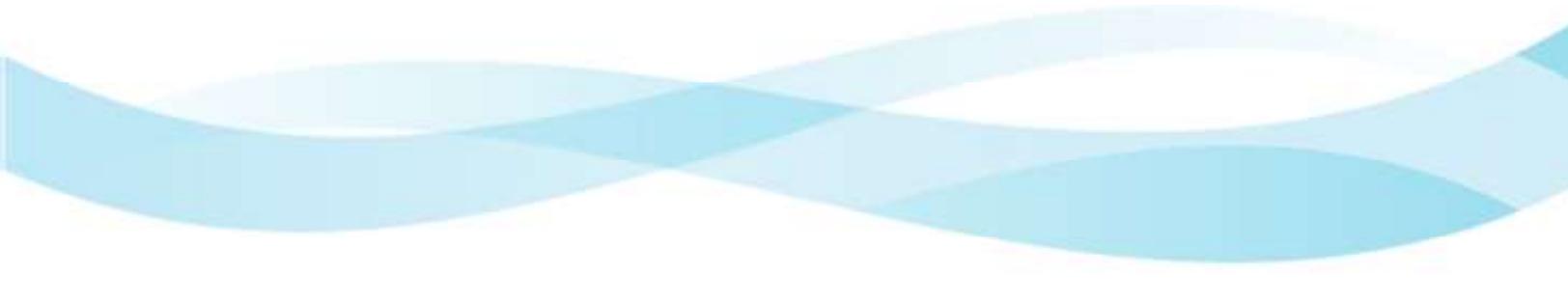
1. Mental health and addiction
2. Chronic disease
3. Maternal and infant health
4. Cross cutting factor of access to healthcare
5. Cross cutting factor of social determinants of health

During the prioritization process, MHY also took into consideration the priorities of Columbiana County and the state of Ohio.

Three prioritized health needs for Columbiana County:

1. Chronic disease/obesity
2. Mental health and addiction/substance abuse
3. Access to health care

Ohio State Health Improvement Plan (SHIP) three priority topics:



1. Mental health and addiction
2. Chronic disease
3. Maternal and infant health

Ohio's SHIP calls for strategies focused on the following cross cutting factors:

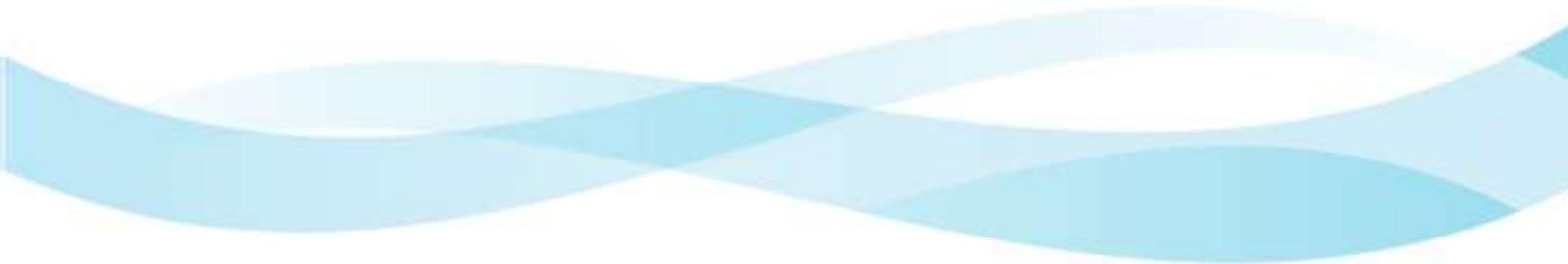
1. Social determinants of health
2. Public health system, prevention and health behaviors
3. Healthcare system and access
4. Equity strategies to reduce or eliminate disparities

MHY Executive and Service Line Leadership reviewed the priorities of each county and the Ohio SHIP priorities and cross cutting factors, resources available in the community to address needs, MHY ability to commit resources, and alignment with MHY mission and identified the following priorities for MHY CHNA and CHIP.

1. Mental health and addiction
2. Chronic disease with a focus on cardiovascular disease and obesity
3. Maternal and infant health
4. Social determinants of health with focus on cultural bias and inequity, access to care, transportation and housing

Implementation Plan

Mercy Health Youngstown participated in the development of CHIPs for Mahoning and Trumbull Counties and Youngstown and Warren cities and continues to participate in the implementation of these county and city CHIPs. Mercy Health Youngstown is committed to addressing the health needs of the community through the strategies and tactics described in our MHY CHIP as well as in the county and city plans.



PRIORITIZED SIGNIFICANT COMMUNITY HEALTH NEEDS

The table below lists the significant community needs that were identified through the CHNA and CHIP process and specifies which needs St. Elizabeth Youngstown Hospital, St. Elizabeth Boardman Hospital and St. Joseph Warren Hospital will address. The hospitals will follow the same regional strategies and strategic measures for each prioritized significant community health need identified in the MHY CHNA.

Prioritized significant community health need	Addressed by hospitals
Mental health and addiction	Yes
Chronic disease with a focus on cardiovascular disease and obesity	Yes
Maternal and infant health	Yes
Social determinants of health (SDOH) with a focus on cultural bias and inequity, access to care, transportation and housing	Yes

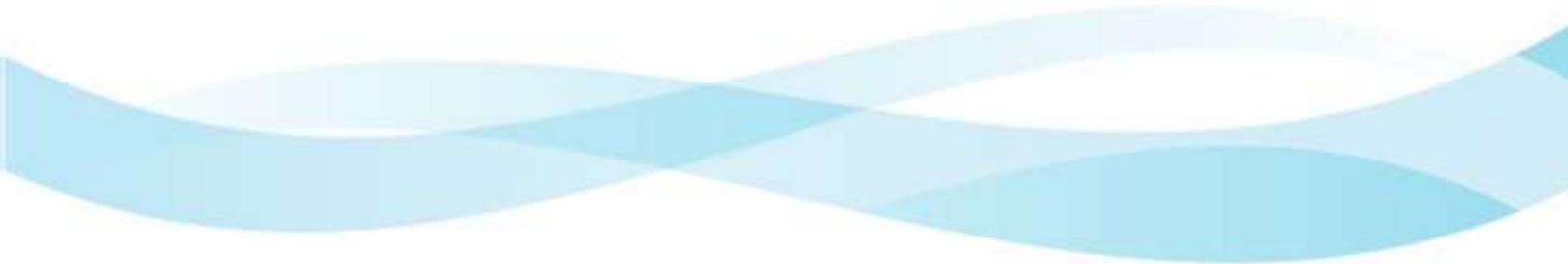
IMPLEMENTATION STRATEGIES TO ADDRESS SIGNIFICANT COMMUNITY HEALTH NEEDS

Mercy Health has been committed to the communities it serves for nearly two centuries. This long-standing commitment has evolved intentionally, based on our communities' most pressing health needs.

As a system, Mercy Health is dedicated to our Mission of extending the compassionate ministry of Jesus by improving the health and well-being of our communities and bringing good help to those in need, especially people who are poor, dying and underserved.

Mercy Health has responded to community health needs as part of a three-year strategic plan that concludes in 2021. In recent years, Mercy Health has invested in building and renovating hospitals and ambulatory facilities to serve patients and communities in Ohio and Kentucky.

As part of Bon Secours Mercy Health, the fifth-largest Catholic health system in the U.S., we contribute nearly \$2 million per day in community benefit services as we carry out our Mission of extending care to the poor and underserved.



PRIORITIZED HEALTH NEED # 1

MENTAL HEALTH AND ADDICTION

Description

Meeting the need for mental health and addiction services is a significant need in our community. The number of inpatient behavioral health beds is inadequate to meet the needs of the community which can require residents to travel out of the area to receive care. The number of providers and prescribers is inadequate to meet the needs of the community and there are not enough residential service providers. Additionally, our CHNA showed that:

- 30% of Mahoning County residents and 29% of Trumbull County residents and 40% of African American residents rated their mental health as not good on four or more days the previous month.
- During the past 12 months, 12% of Mahoning County residents and 16% of Trumbull County residents had a period of two or more weeks when they felt so sad or hopeless nearly every day that they stopped doing usual activities.
- Focus groups raised mental health, the opioid epidemic, depression and anxiety and the need for mental health programs, mental health treatment centers and drug rehabilitation centers as key concerns.
- Community stakeholders rated mental health #1 on the list of most important topics to address.
- Age adjusted death rates for unintentional drug overdose deaths are higher in Mahoning (30.3) and Trumbull (42.0) than for Ohio (27.9).

Goal

Improve the behavioral health of the community.

Expected impact

Increase knowledge and education of behavioral health resources and tools.

Increase behavioral health outcomes.

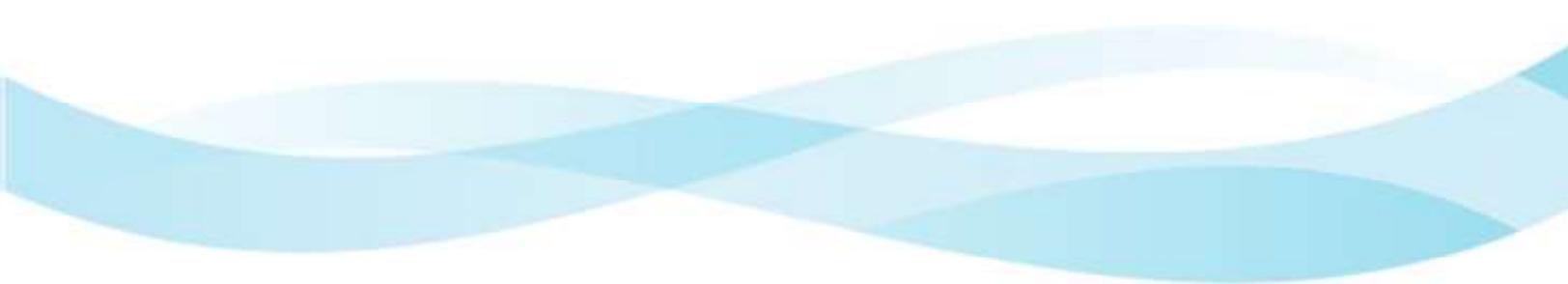
Increase provider referrals and usage of resources.

Decrease tobacco use in the community.

Targeted populations

Behavioral health providers and other supporting agencies

Community members – providers, children, adults



Strategies and strategic measures

Strategy 1

Educate primary care providers on screening tools and evidence-based treatment for mental health and addiction.

Strategic measures

- Year 1 - Collect baseline data for assessments being done at 5 primary care offices, track usage of in-person assessment versus telehealth.
- Year 2 - Increase those linked to services by 5%. Collect baseline of referrals internally and how many first appointments are completed.
- Year 3 - Increase those linked to services by 5%. Increase number of completed first appointments with internal providers by 5%.

Strategy 2

Increase prevention and education on tobacco use.

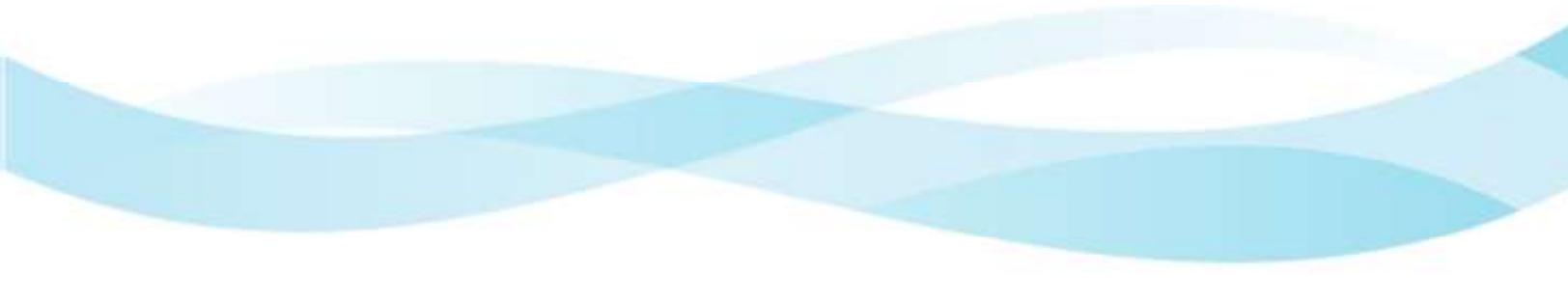
Strategic measures

- Year 1 - Collect baseline data of outreach/education events facilitated, begin planning school-based prevention lessons in middle school and high school.
- Year 2 - Increase number of outreach/education events facilitated by 5%. Begin implementation in schools.
- Year 3 - Continue outreach/education. Establish relationship with corporate care and contact with additional outside agencies. Continue school-based prevention on tobacco use.

Strategy 3

Increase knowledge and awareness of trauma informed care.

Strategic measures

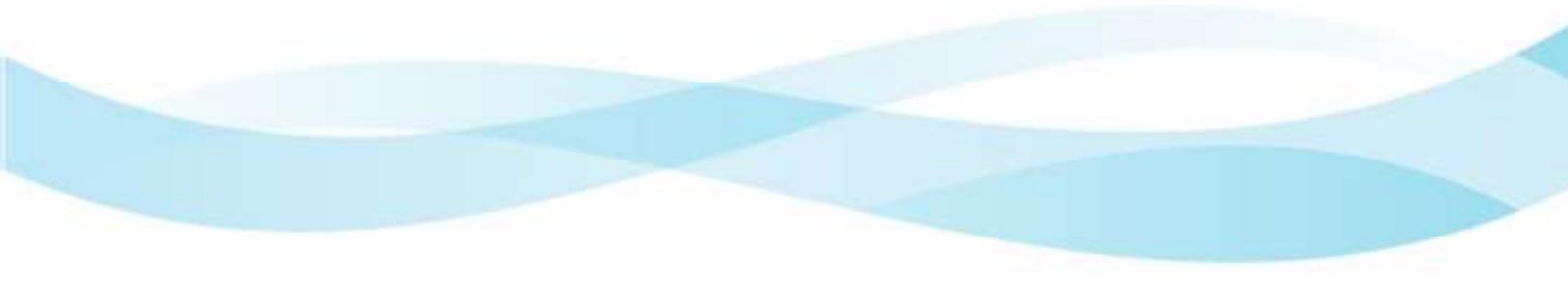
- Year 1 - Develop MHY Trauma Informed Care sub-committee and develop a training plan. Schedule training and education sessions.
 - Year 2 - Deliver education to primary care and care coordination social work staff. Provide continuing education credits to Mercy Health associates and community members.
 - Year 3 - Deliver education to social work and case managers at each MHY hospital. Provide continuing education credits to Mercy Health associates and community members.
- 

Community collaborations

- Trauma Informed Care committees in Mahoning and Trumbull Counties
- Behavioral health providers in the community
- Primary care providers
- Local middle and high schools

Community resources available

The existing healthcare facilities and other resources in the community that are available to meet the prioritized need include:

- Mercy Health Behavioral Health
 - New Start Treatment Center
 - Mercy Health Regional Tobacco Treatment Center
 - St. Elizabeth Youngstown Hospital
 - St. Elizabeth Boardman Hospital
 - St. Joseph Warren Hospital
 - Mercy Health Foundation Mahoning Valley
 - Mahoning County Mental Health and Recovery Board
 - Trumbull County Mental Health and Recovery Board
 - Mahoning County Public Health
 - Trumbull County Combined Health District
 - Warren City Health District
 - Youngstown City Health District
 - Alta Behavioral Healthcare
 - COMPASS Family and Community Services
 - Coleman Professional Services
 - Neil Kennedy Recovery Center
 - Meridian Healthcare
 - First Step Recovery
 - PsyCare
 - Valley Counseling
 - TRAVCO Behavioral Health
 - Veterans Clinic
 - On Demand Counseling and Drug Testing
 - Serenity Center
 - Community Support Network
 - Counseling Center of Columbiana
 - Family Recovery Center
 - Glenbeigh
 - New Day Recovery
 - Trumbull Regional Medical Center
 - Belmont Pines Hospital
 - East Liverpool City Hospital
 - Behavioral Medicine and Wellness at Salem Regional Medical Center
 - Generations Behavioral Health
- 

PRIORITIZED HEALTH NEED # 2

CHRONIC DISEASE WITH A FOCUS ON CARDIOVASCULAR DISEASE AND OBESITY

Description

Significant numbers of residents' have chronic disease. Cardiovascular disease and obesity affect more residents than any of the other chronic diseases. Many programs and organizations work to provide services for treatment and prevention of chronic disease, but it remains a major problem for the health of our community. The following data from our CHNA reflect the significant need for addressing chronic disease in our community:

- Heart disease is the leading cause of death in both Mahoning and Trumbull counties and both have a higher percentage of deaths than the state of Ohio.
- Community stakeholders identified obesity as the 3rd highest most important topic to address.

Leading Causes of Death, 2015-2017 (Source: Ohio Public Health Data Warehouse)		
Mahoning County (Total deaths: 9,162)	Trumbull County (Total deaths: 7,912)	Ohio (Total deaths: 361,238)
Heart Diseases (28% of all deaths)	Heart Diseases (26% of all deaths)	Heart Diseases (23% of all deaths)
Cancers (19%)	Cancers (20%)	Cancers (21%)
Accidents, Unintentional injuries (5%)	Accidents, Unintentional injuries (7%)	Accidents, Unintentional injuries (7%)
Alzheimer's Disease (5%)	Chronic Lower Respiratory Diseases (6%)	Chronic Lower Respiratory Diseases (6%)
Stroke (5%)	Stroke (5%)	Stroke (5%)

	Mahoning County	Trumbull County
Adults diagnosed with high blood pressure	40%	39%
Adults diagnosed with high blood cholesterol	40%	40%
Adults who are obese	40%	40%

% of adults diagnosed with the following chronic disease	Mahoning County	Trumbull County	Ohio
Arthritis	33%	36%	29%
Asthma	15%	21%	14%
Cancer	16%	15%	
Diabetes (not pregnancy related)	12%	15%	11%

Goal

Reduce the impact of chronic disease and obesity on our community.

Expected impact

Reduce the percent of adults with high blood pressure, high cholesterol and obesity.

Reduce the mortality rate for heart disease.

Decrease the percent of adults diagnosed with diabetes.

Targeted populations

Community members with a focus on our African American, low income, older adult, and underserved populations.

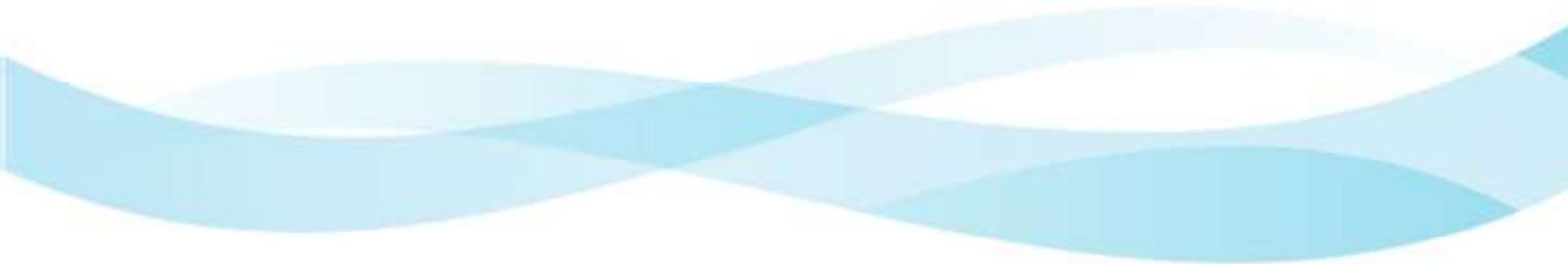
Strategies and strategic measures

Strategy 1

Increase the number of prediabetes screenings in the community with a focus on reaching our target populations (African American, low income, older adult and underserved).

Strategic measures

- Year 1 - Raise awareness in the community of prediabetes screenings provided by MHY at a variety of locations. Assess locations and provide additional screenings in our target communities if needed. Obtain baseline data of number of screenings provided.



- Year 2 - Continue to promote availability of free/reduced cost screenings provided by MHY. Continue to focus on reaching our target populations. Increase screenings by 5%.
- Year 3 - Continue efforts from Years 1 and 2 and assess progress and adapt as needed. Increase the number of screenings by 5%.

Strategy 2

Increase the number of hypertension screenings in the community with a focus on reaching our target populations (African American, low income, older adult and underserved).

Strategic measures

- Year 1 - Raise awareness in the community of hypertension screenings provided by MHY at a variety of locations. Assess locations and provide additional screenings in our target communities if needed. Obtain baseline data of number of screenings provided.
- Year 2 - Continue to promote availability of free/reduced cost screenings provided by MHY. Continue to focus on reaching our target populations. Increase screenings by 5%
- Year 3 - Continue efforts from Years 1 and 2 and assess progress and adapt as needed. Increase the number of screenings by 5%.

Strategy 3

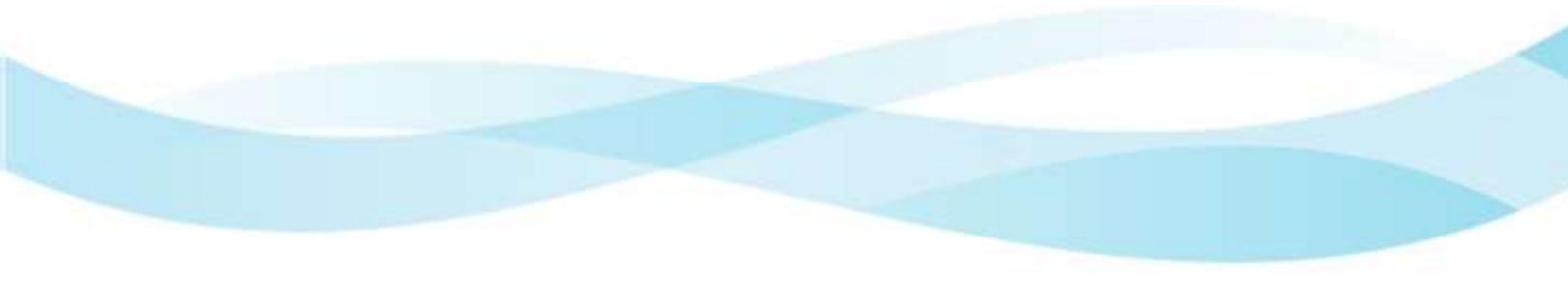
Participate in community efforts to reduce chronic disease for our residents.

Strategic measures

- Year 1 - Participate in local coalitions tackling chronic disease in the community such as Healthy Community Partnership Mahoning Valley and Creating Healthy Communities Coalition. Continue MHY Fruit and Vegetable Prescription Program, including completing a food insecurity screening with program participants
- Year 2 - Continue collaborations. Evaluate efficacy of Coalition activities and adjust as needed.
- Year 3 - Continue collaborations. Evaluate efficacy and adjust as needed.

Community collaborations

MHY has ongoing collaborations with the following coalitions and organizations that are working to address chronic disease in our community:

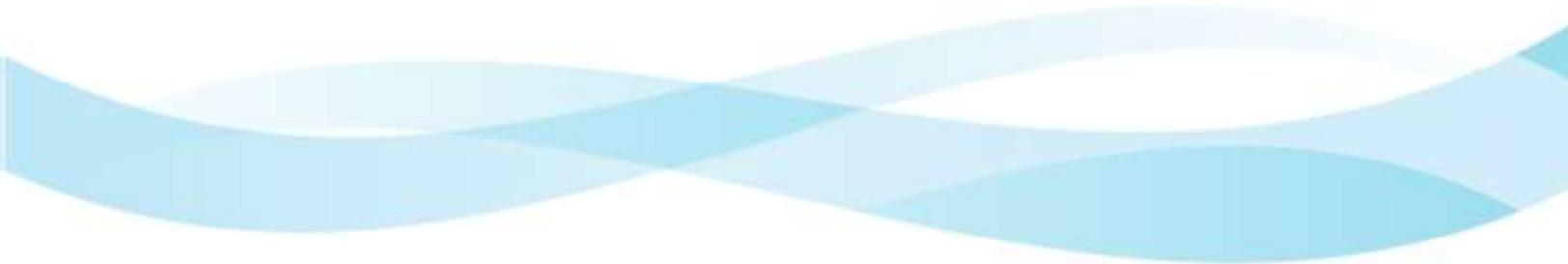
- Healthy Community Partnership Mahoning Valley
 - Trumbull County Combined Health District Creating Health Communities Coalition
 - Lake-To-River Cooperative
- 

- Youngstown Neighborhood Development Corporation Food Insecurity Nutrition Incentive
- Trumbull Neighborhood Partnership
- American Health Association

Community resources available

The existing healthcare facilities and other resources in the community that are available to meet the prioritized need include:

- St. Elizabeth Boardman Hospital
- St. Joseph Warren Hospital
- MHY Heart, Lung and Vascular
- Mercy Health Physicians
- Mercy Health Select
- Healthcare Providers
- MHY Dietitians
- MHY Community Health Education
- MHY Stepping Out Program
- St. Joe's at the Mall
- MHY Diabetes Education Department
- MHY Prescription Assistance Program
- Mercy Health Foundation Mahoning Valley
- Ohio State University Extension
- Mahoning County Public Health
- Trumbull County Combined Health District
- Youngstown City Health District
- Warren City Health District
- Youngstown Neighborhood Development Corporation
- Trumbull Neighborhood Partnership
- Youngstown YMCA
- Davis Family YMCA
- American Heart Association
- Trumbull Family Fitness
- Jewish Community Center of Youngstown
- Direction Home of Eastern Ohio
- Mill Creek Community Center
- Grace AME Church, Warren
- Associated Neighborhood Centers, McGuffey Center
- OCCHA (Organizacion Civica y Cultural Hispana Americana)
- The City of Youngstown Parks and Recreation
- EB Family Life Center
- Grace Community Vision Center
- Heart Reach Neighborhood Ministries
- Niles Wellness Center
- United Way of Youngstown and the Mahoning Valley
- United Way of Trumbull County



- City of Campbell, Roosevelt Park
- Inspiring Minds
- Adaptive Sports Ohio
- Lake-To-River Cooperative
- Trumbull Regional Medical Center
- Southwoods Cardiology
- ONE Health Ohio
- SCOPE Senior Centers
- MYCAP (Mahoning Youngstown Community Action Partnership)
- Job and Family Services
- Mahoning County Mental Health and Recovery Board
- Trumbull County Mental Health and Recovery Board
- Trumbull County Family Court
- Trumbull County Early Intervention
- Neighborhood Associations
- Churches and faith-based organizations
- Healthy Community Partnership Mahoning Valley
- Community Foundation of the Mahoning Valley
- Akron Children’s Hospital
- Trumbull County Metro Parks
- Eastgate Regional Council of Governments

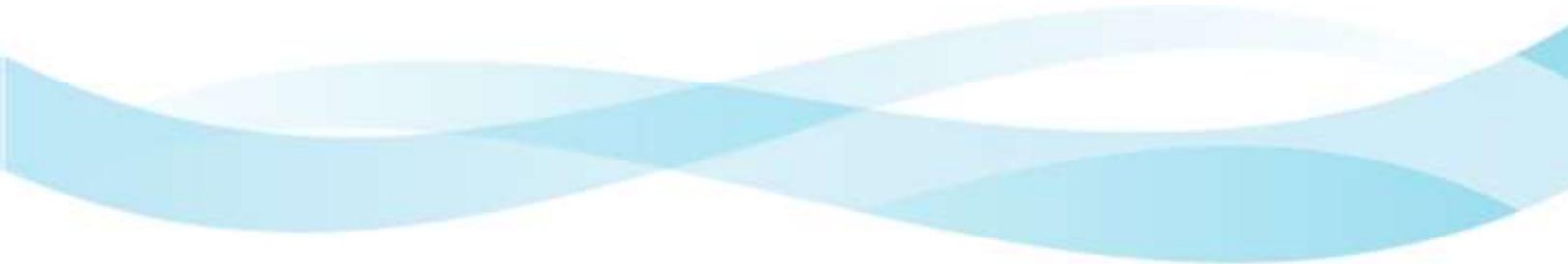
PRIORITIZED HEALTH NEED # 3

MATERNAL AND INFANT HEALTH

Description

Infant mortality rates for both Mahoning and Trumbull counties are higher than Ohio and rates for our African American infants are extremely high. The 2013-2017 infant mortality rate was 7.8 in Mahoning County and 8.1 for Trumbull County compared to 7.2 for Ohio. There are significant disparities in infant mortality rates, preterm births and low birth weights between white and black infants.

	2013-2017 Infant Mortality Rate		2013-2017 Percent of Pre-Term Deliveries		2013-2017 Percent of Low Birth Weights	
	Mahoning County	Trumbull County	Mahoning County	Trumbull County	Mahoning County	Trumbull County
White	4.7	6.1	11%	10%	8%	8%
Black	16.4	18.1	15%	14%	16%	15%



There are initiatives in both Mahoning and Trumbull Counties to reduce these rates. MHY and many community organizations are involved in the M/Y Baby's 1st Coalition that is led by Mahoning County and Youngstown City health commissioners who follow directives from the Ohio Department of Health and Ohio Department of Medicaid. To date the efforts have not had significant impact on the infant mortality, pre-term and low birth weights of our African American women and infants. Efforts are being focused on social determinants of health such as transportation, housing and access to healthy foods as well as on the health of the mother going into the pregnancy utilizing evidence-based models of intervention (CenteringPregnancy®, home visiting, community health workers and social support groups.)

Goal

Expected impact

1. Total preterm births: Percent of live births that are preterm:<37 weeks gestation (Baseline: 14%, Ohio Department of Health, 2018)
2. Infant mortality: Rate of infant deaths per 1,000 live births (Baseline: 7.8, Ohio Department of Health, 2013-2017)
3. Low birth weights: Percent of births in which the newborn weighed <2,500 grams (Baseline: 12%, Ohio Department of Health, 2018)

Targeted populations

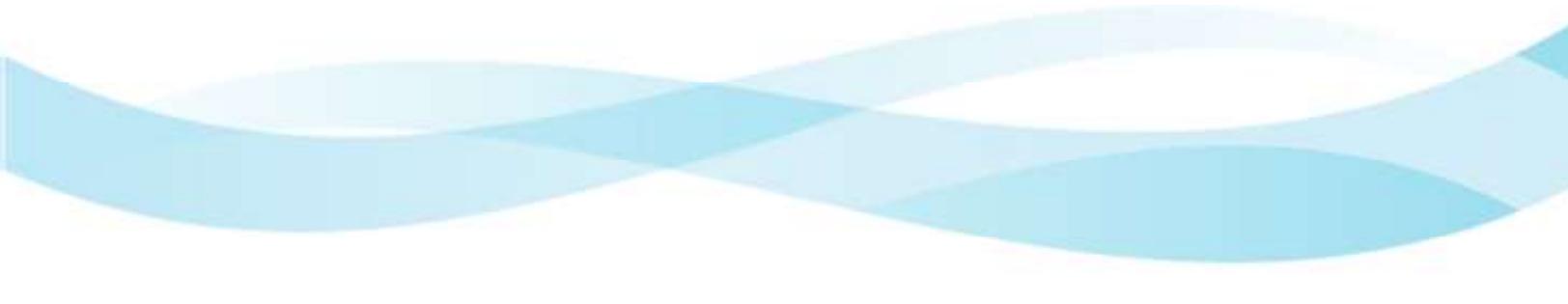
- Pregnant women
- Women in child bearing years
- Infants
- Fathers
- OB providers
- Community support staff

Strategies and strategic measures

Strategy 1

Increase prenatal and post-partum education for mothers as well as fathers.

Strategic measures

- Year 1 - Initiate "Learn N Go" by Yomingo Digital App (a guide to pregnancy, birth and parenting) through MHY Women and Children's Services; Establish baseline number of women enrolled in the Digital Education App.
 - Year 2 - Increase the number of women enrolled in the Digital Education App by 5%.
 - Year 3 - Increase the number of women enrolled in the Digital Education App by 5%.
- 

Strategy 2

Assist in the development of a Trumbull County Maternal and Infant Health Coalition which is one of the community health improvement plan (CHIP) strategies for Trumbull County Combined Health District and Warren City Health District.

Strategic measures

- Year 1 - Convene an initial Coalition meeting.
- Year 2 - Convene regular Coalition meetings to determine, vision, goals, and leadership structure.
- Year 3 - Establish a Coalition plan and strategies

Strategy 3

Increase the use of progesterone for eligible pregnant women.

Strategic measures

- Year 1 - Gather data to identify how progesterone candidates are currently identified, as well as current barriers to progesterone distribution.
- Year 2 - Based on data collected in Year 1, develop and implement a plan to increase by 5% the use of progesterone for eligible pregnant women.
- Year 3 - Continue efforts from Years 1 and 2. Increase by 5% from Year 2.

Community collaborations

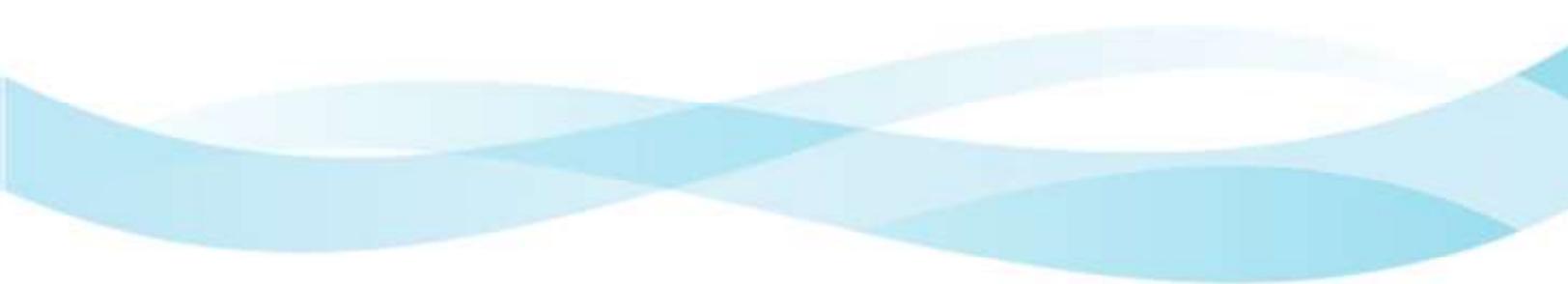
MHY has ongoing collaborations with the following organizations and coalitions:

- M/Y Baby's 1st Infant Mortality Coalition
- MORE 1st Birthdays
- Mahoning County Pathways HUB
- Safe Kids Mahoning Valley
- Family and Children First Councils in Trumbull and Mahoning County
- Mahoning and Trumbull County WIC Programs

Community resources available

The existing healthcare facilities and other resources in the community that are available to meet the prioritized need include:

- Evidence-based home visiting and support: Resource Mothers, Healthy Moms-Healthy Babies, Mahoning County Pathways HUB, Nurse Family Partnership, Help Me Grow, Resource Mothers Empowering Moms, Meridian MOMS support group, Resource Mothers Fatherhood Support and Kappa Alpha Psi Fatherhood Support.



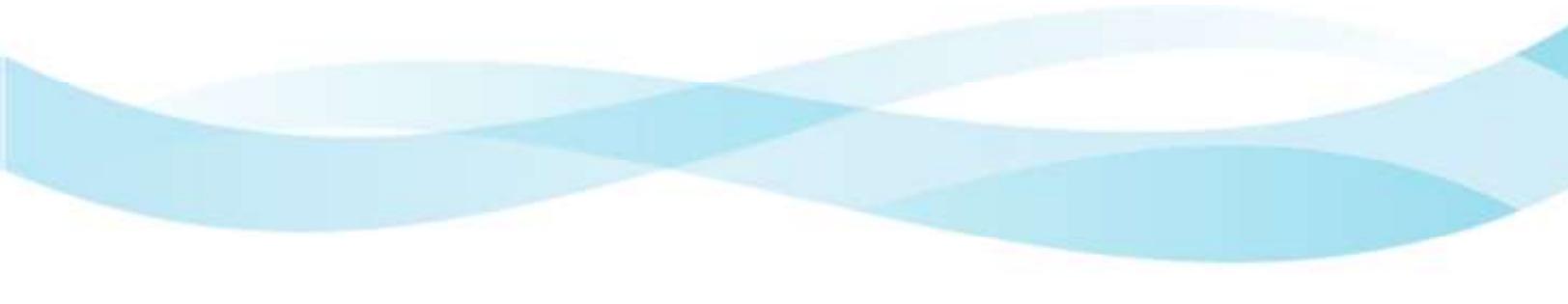
- Health eating resources: Resource Mothers Fresh Start, Expanded Food and Nutrition Education Program, WIC, MHY Fruit and Vegetable Prescription Program, FINI Farmer's Markets and SNAP double up, Healthy Community Partnership Healthy Food Retail Action Team, Ohio Healthy Program
- Clinical care: Hospitals, healthcare providers, CenteringPregnancy®, Medicaid Managed Care Providers, behavioral health providers, immunization clinics at health departments
- Housing: Mahoning County Homeless Continuum of Care, Rescue Mission of the Mahoning Valley, Taft Promise Neighborhood Healthy Homes Healthy Families, Youngstown Neighborhood Development Corporation, Trumbull Neighborhood Partnership, YWCA Mahoning Valley, Meridian Services, Neil Kennedy Recovery Center, Someplace Safe, Sojourner House, The Eagle's Nest, Emmanuel Community Care Center,
- Transportation: WRTA (Western Reserve Transit Authority), Medicaid Managed Care Providers, Resource Mothers, 3 Kings Transportation, Healthy Community Partnership Active Transportation Action Team
- Injury prevention: Cribs for Kids at Mahoning County Public Health, Trumbull County Combined Health District and Warren City Health District, Safe Kids Coalition, Mahoning County Fetal Infant and Child Mortality Review, Trumbull County Child Fatality Review Board, Trumbull County Car Seat Program
- Breastfeeding support: Lactation consultants and breastfeeding support at St. Elizabeth Boardman Hospital and St. Joseph Warren Hospital, WIC programs, community health workers and home visiting programs.

PRIORITIZED HEALTH NEED # 4

SOCIAL DETERMINANTS OF HEALTH WITH A FOCUS ON CULTURAL BIAS AND INEQUITY, ACCESS TO CARE, TRANSPORTATION AND HOUSING

Description

Social determinants of health (SDOH) are a major concern for our community with our African American and low-income residents significantly more impacted. Our CHNA revealed SDOH concerns such as:

- Poverty and low incomes
 - Unemployment
 - Inability to meet daily needs
 - Food insecurity
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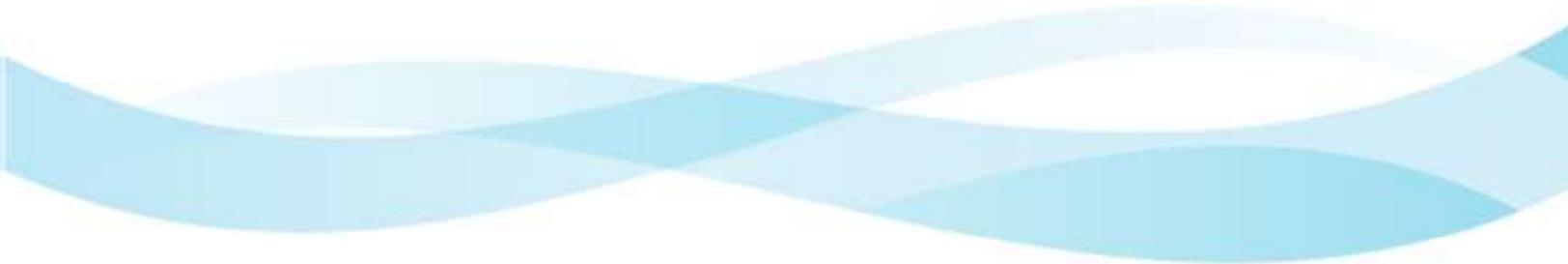
- Lower levels of education and literacy
- Physical inactivity and less access to locations for physical activity
- Low overall county health rankings
- More African Americans reported experiencing four or more adverse childhood experiences (ACE's) than other residents.
- There are significant mortality rate disparities for African American residents.
- African American residents' rate both their mental and physical health significantly lower than the population as a whole.
- Low income residents exhibit significant health disparities for key health indicators such as high blood pressure, obesity and high cholesterol.
- Significantly more low-income residents rate their physical health as not good.
- Adults report being limited in some way because of a physical, mental or emotional problem and this increases for our low-income and African American residents.
- More African Americans spend over 30% of income on housing than other residents.
- Transportation issues (with higher numbers of African Americans reporting issues)
- Fewer African American residents view their neighborhood as "extremely safe" or "quite safe."
- More African American residents reported living 2 or more miles away from healthy food and reported more barriers to consuming fruits and vegetables.

Focus groups completed for our CHNA also identified many barriers in relation to SDOH:

- Lack of transportation to healthcare and to healthy foods and grocery stores.
- Inability to afford the cost of health care and prescriptions
- Discrimination and prejudice from the health care system that people without insurance are treated differently than people with good insurance.
- Racism is an issue.
- Lack of minority doctors and pharmacists.
- Lack of high-quality doctors in the area, cost of care, discrimination based on income, mistrust of doctors.
- African American residents stated they have to go outside the county to receive appropriate care
- Religious based hospital doesn't provide some reproductive services or procedures
- LGBTQIA+ community members expressed lack of trust in healthcare providers/health focused institutions with the need for more education and awareness of LGBTQIA+ health needs and more welcoming and inclusive providers.
- Hospitals, doctor's offices, clinics have no empathy for clients they serve and need to make customer service a top priority. There is a climate of not seeking services because of bad experiences. Need to treat everyone with dignity and respect and get rid of social stigmas.
- Need more bilingual (Spanish/English) healthcare providers and outreach with education and resources.

Goal

Improve overall health by eliminating and/or decreasing barriers to receive high quality care



Expected impact

1. Health disparities for African American and low-income populations will be reduced.
2. Access to health care services will improve for our focus populations (African American, low income, Hispanic/Latino, LGBTQIA+, older adult).

Targeted populations

While seeking to address SDOH for all members of our community, we will have a specific focus on communities identified in our CHNA as most impacted which includes our African American, low-income, Hispanic/Latino, LGBTQIA+, older adult populations.

Strategies and strategic measures

Strategy 1

Improve health equity through MHY associate education and trainings to increase competency of serving diverse patients and community members

Strategic measures

- Year 1 - Implement implicit bias training for MHY associates.
- Year 2 - Increase number of associates receiving implicit bias training by 5%.
- Year 3 - Increase number of associates receiving implicit bias training by 5%.

Strategy 2

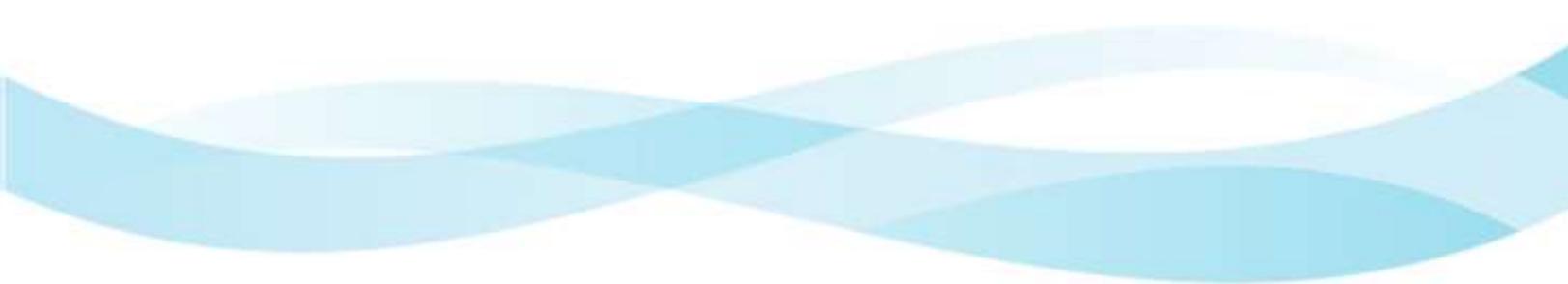
Implement SDOH screening and process for referral to resources within MHY primary care practices.

Strategic measures

- Year 1 - Pilot implementation of SDOH screening and process for referral to resources within MHY primary care practices. Evaluate and modify process as required.
- Year 2 - Implement SDOH screening in additional MHY primary care practices. Obtain baseline data on number of screenings completed. Continue to evaluate and modify process.
- Year 3 - Increase the number of screenings completed by 5%.

Strategy 3

Participate in community efforts to address SDOH, with a focus on cultural bias and inequity, access to care, transportation and housing.



Strategic measures

- Year 1 - Participate in local coalitions tackling SDOH such as Healthy Community Partnership Mahoning Valley, Creating Healthy Communities Coalition, M/Y Baby's 1st Infant Mortality Coalition, Youngstown Promise Neighborhood and Mahoning County Homeless Continuum; Continue to participate in the lead awareness task force in Mahoning County and participate in the development of a Trumbull County lead awareness task force.
- Year 2 - Continue collaborations. Evaluate efficacy of Coalition activities and adjust as needed.
- Year 3 - Continue collaborations. Evaluate efficacy and adjust as needed.

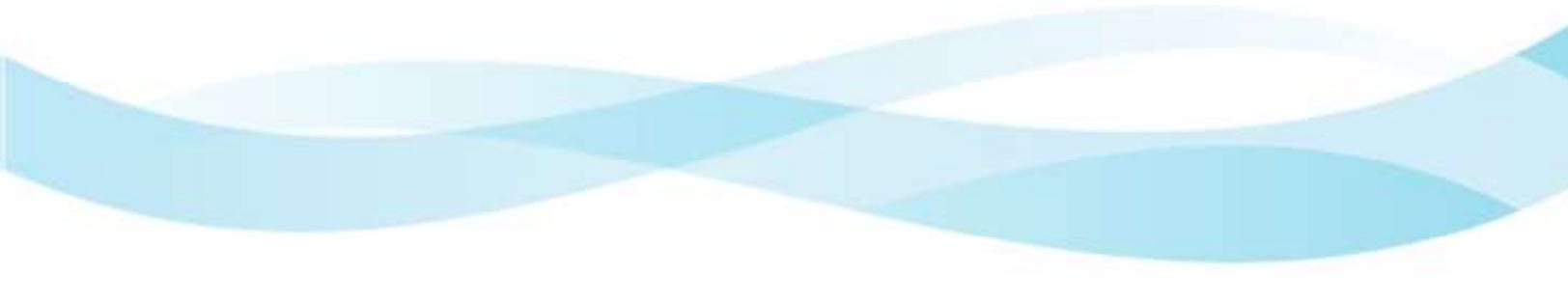
Community collaborations

MHY has ongoing collaborations with the following organizations and coalitions working to address SDOH in our community:

- Healthy Community Partnership Mahoning Valley
- M/Y Baby's 1st Infant Mortality Coalition
- Catholic Charities Regional Agency
- Youngstown Neighborhood Development Corporation
- Trumbull Neighborhood Partnership
- Someplace Safe
- St. Vincent DePaul Society
- Our Community Kitchen
- Good Shepherd Kitchen
- St. Paul Church Centro San Pablo
- Mahoning County Homeless Continuum
- Youngstown Promise Neighborhood

Community resources available

The existing healthcare facilities and other resources in the community that are available to meet the prioritized need include:

- St. Elizabeth Youngstown Hospital
 - St. Elizabeth Boardman Hospital
 - St. Joseph Warren Hospital
 - Mercy Health Physicians
 - Mercy Health Select
 - Mercy Health Foundation Mahoning Valley
 - Youngstown Office on Minority Health
 - WRTA (Western Reserve Transit Authority)
 - Youngstown Neighborhood Development Corporation
 - Trumbull Neighborhood Partnership
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- Raymond John Wean Foundation
- YWCA Mahoning Valley
- Community Foundation of the Mahoning Valley
- Mahoning County Public Health
- Trumbull County Combines Health District
- Youngstown City Health District
- Warren City Health District
- Catholic Charities Regional Agency
- Dorothy Day House
- St. Vincent DePaul Society
- Our Community Kitchen
- Good Shepherd Kitchen
- The Salvation Army
- Rescue Mission of the Mahoning Valley
- Sojourner House
- Someplace Safe
- Beatitude House
- Youngstown Metropolitan Housing Authority
- Trumbull Metropolitan Housing Authority
- Trumbull County Transit
- USA Taxi
- Garwin
- Comfort Care-A-Van
- Country Neighbor
- OCCHA (Organizacion Civica y Cultural Hispana Americana)
- City and Township municipalities
- Domestic Violence Task Force
- Mahoning County Homeless Continuum of Care
- Medicaid Managed Care Providers
- ACTION (Alliance for Congregational Transformation Influencing Our Neighborhoods)
- Community Legal Aid
- Neighborhood Associations
- Churches and faith-based organizations
- Healthy Community Partnership Mahoning Valley
- Community Foundation of the Mahoning Valley
- Direction Home of Eastern Ohio
- Warren Family Mission
- Emmanuel Community Care Center
- SCOPE Senior Centers
- Eastgate Regional Council of Governments

