

Manitowoc County Health Department

ANNUAL REPORT 2024



This report should be used to better understand the scope of the Health Department's role within the community and how time and resources are spent by staff. Not all work is included within the report, but important programs and activities have been selected as highlights.

It is important to understand data used within this report may vary slightly over time due to ongoing case follow-up and data verification.

Disclaimer for birth and data information: The data estimates are provisional and subject to change. Please interpret associated indicators with caution.

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2024 Health Officer Statement & Highlights

This past year, MCHD has maintained a steadfast commitment to provide essential services, promote public health and respond to emerging health concerns. In 2024, MCHD worked to ensure our activities are meeting the foundational areas critical to improving the overall health of our community, in alignment with the [Foundational Public Health Services \(FPHS\) model](#).

As we assessed our capability to meet the needs of those in Manitowoc County within the FPHS model, our activities focused on our [strategic priorities](#) of **operational excellence, community engagement, and high-quality programs and services**. These efforts align with a number of foundational capabilities that we will continue to build on into 2025 and beyond, as we pursue our vision of a thriving community supporting better choices and health for all.

Highlights of accomplishments include:

- Laying the groundwork for a culture of continuous quality improvement and accountability
 - Developed Public Health Performance Management (PM) System, including a PM Dashboard
 - Operationalized 2024 Strategic Plan & began execution
 - Completed implementation of a Policy Management Software System
- Increasing capacity to ensure programs are data-driven, efficient and sustainable
 - Used census tract data to identify high-risk areas and improve vaccination outreach
 - Developed Quality Improvement Plan & Toolkit
 - Completed analysis of health department fee schedule
- Strengthening community partnerships
 - Engaged 31 partners to provide resources and education at the Community Baby Shower
 - Established new partners to reduce carbon monoxide poisoning
 - Supported increasing youth engagement in coalitions and data collection

We extend our heartfelt gratitude to staff, partners and community members for their collaboration and support. By working in partnership, we can leverage our collective strengths and resources to create a more resilient and healthier community.

Goal 1 Prevent the spread of communicable disease	Quarterly Target	Q1 Jan-Mar	Q2 Apr-June	Q3 July-Sept	Q4 Oct-Dec
Objective 1 Increase vaccination rates among children					
Metric 1 % of MCHD associated clients at age 6 who have completed their MMR vaccination	75%				
Objective 2 Increase vaccination rates among adolescents and adults					
Metric 1 % of adolescents residing in Manitowoc County who completed HPV series by age of 19	65%				
Metric 2 % of adolescents residing in Manitowoc County who received the second dose ACWY (meningitis vaccination) by age 19	60%				



About Us

MCHD is a stand-alone, [level III health department](#), that serves all those within Manitowoc County. Our department includes WIC, Community Health, Environmental Health, Public Health Nursing, and Support Staff (including Bilingual Health Aides). Our activities are guided by state statutes, rules and national standards.

2024 Staff



Health Director/Officer



Managers*



Public Health Nurses



Community Health



Registered Environmental Sanitarians



Support Staff
(including bilingual health aides)



Nutritionists

*In 2024, staffing was reorganized to include a Business Manager who supervises Bilingual Health Aides and coordinates the accounting, billing, and administrative functions.

Vision

A thriving community supporting better choices and health for all.

Mission

To protect and promote the health of Manitowoc County in partnership with our community.

Values

At Manitowoc County Health Department we commit to guiding our decisions, behaviors and relationships by these values: Evidence-based, Diversity, Collaboration, Trust, Integrity, Excellence.

Board of Health

The Board of Health has nine members, appointed for two-year terms by the [County Executive](#), and includes citizen and county board representation. The [purpose of the board of health](#) includes providing leadership that fosters local involvement and commitment that emphasizes public health needs and that advocates for equitable distribution of public health resources and complementary private activities that match public health needs.

Members

Shirley Fessler (citizen member)	Dr. Brian Konowalchuk (citizen member)	Tim Jadowski
Annette Kaminsky (citizen member)	Rita Metzger (Chair)	Jonathan Neils (Vice-Chair)
Shannon Kanter (citizen member)	Nicholas Muench (2 nd Vice-Chair)	Mike Grambow

Medical Advisor

Dr. Pradeep Giriyappa

Resolutions & Ordinances

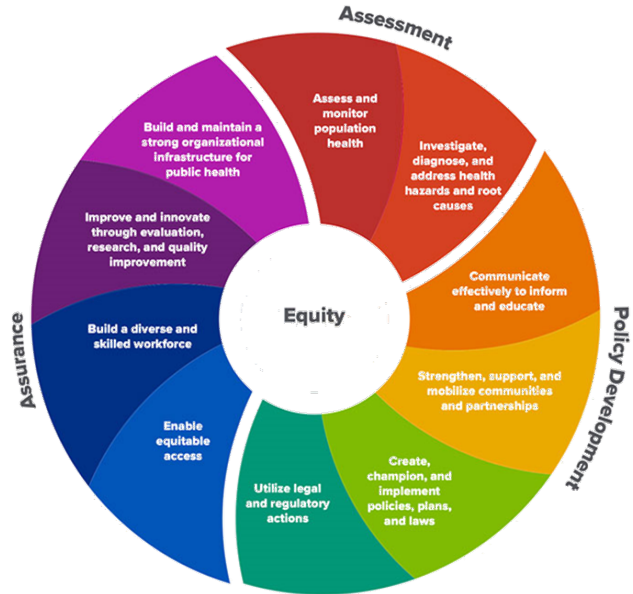
- 2/20/24 Ordinance Amending Manitowoc County Code S. 7.14 (Health Officer Qualifications) (23/24-64)
- 8/20/24 Resolution Accepting 2024 Environmental Health Taking Action with Data Mini Grant (24/25-43)
- 10/30/24 BOH approval to adopt the 2025 Health Department Additional Fee Schedule

Guiding Frameworks

The activities and services carried out by MCHD are based on two national frameworks: the 10 Essential Services and the Foundational Public Health Services.

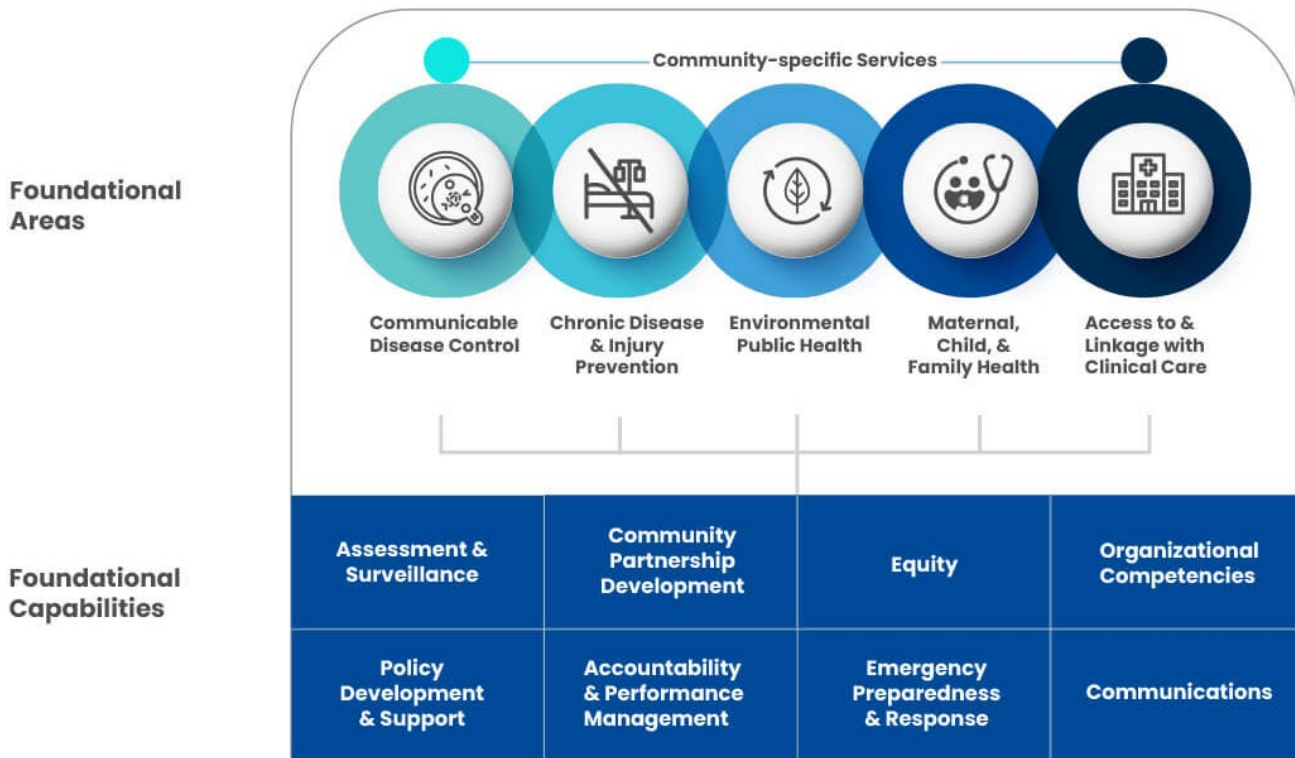
10 Essential Public health Services (EPHS)

The [EPHS](#) define MCHD’s scope of work, describes our activities and distinguishes us from health care. By using these services as a guide, we seek to assure a larger picture of health is considered in order to achieve a healthy community.



The Foundational Public Health Services (FPHS)

[The FPHS framework](#) outlines the unique responsibilities of MCHD to provide public health protections and services in five different areas, and the capabilities needed to fulfill these responsibilities. The five foundational services include communicable disease, chronic disease & Injury prevention, environmental health, maternal, child, & family health, and access to & linkage to care.



Communicable Disease

MCHD is responsible for investigating and following up on all [reportable conditions](#) in Manitowoc County. These diseases and conditions are considered to have significant public health impact, and any cases must be reported according to requirements described in [Wis. Stat. ch. 252](#). In addition, MCHD receives a number of notifications about conditions that are not reportable by statute, but may require action.

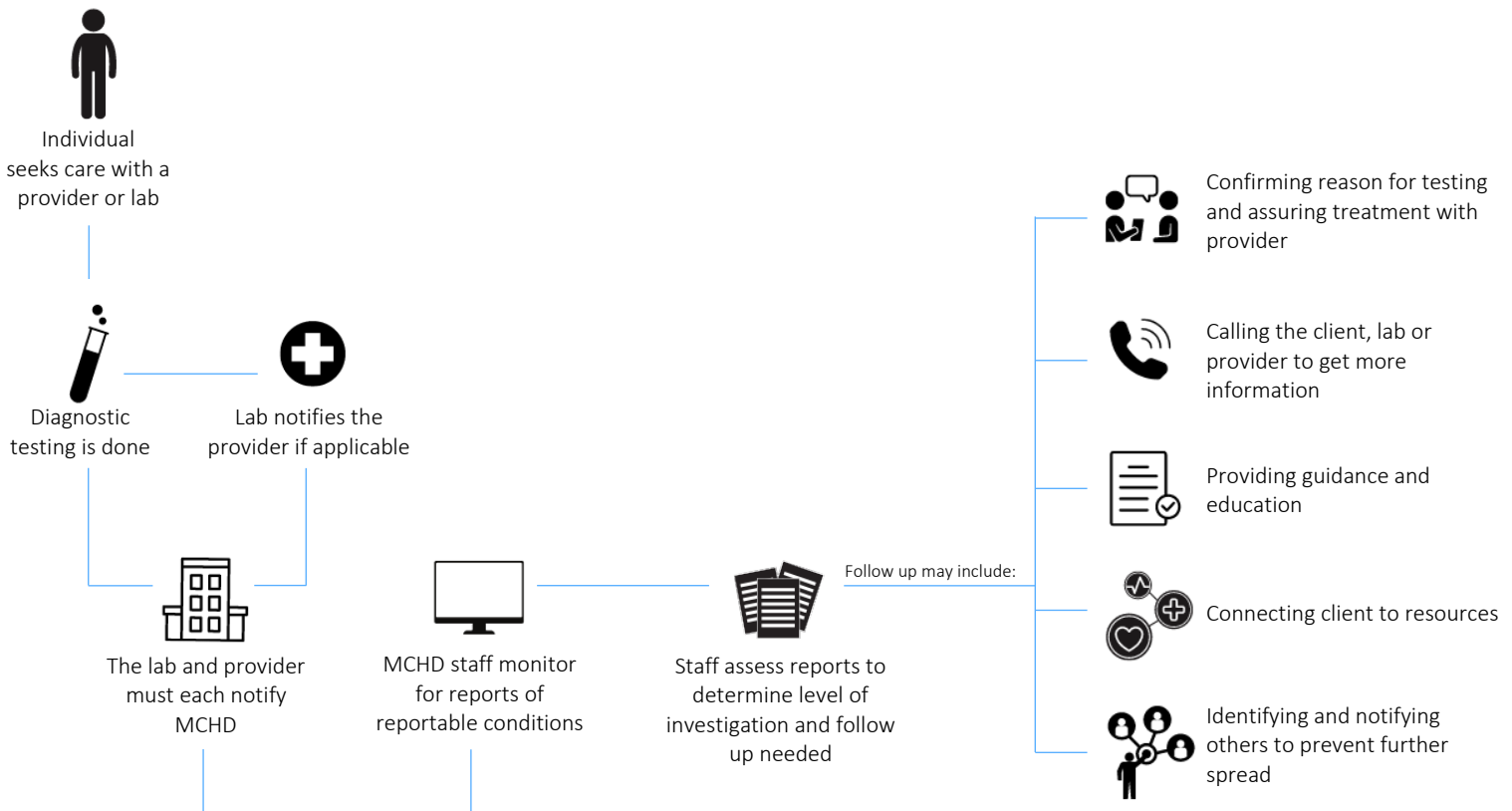
Conditions that are reported involve varying levels of investigation and follow up. MCHD uses specific criteria for reportable conditions called a [surveillance case definition](#) to guide follow up activities. Surveillance case definitions are specific to public health and are different than what healthcare providers use to make clinical diagnosis or determine how to meet an individual patient’s needs.



2,422

Total conditions were received and processed by MCHD in 2024. This includes cases determined to be confirmed, probable, suspect, not a case, and non-reportable conditions.

Figure 1: How MCHD is notified and investigates reportable conditions



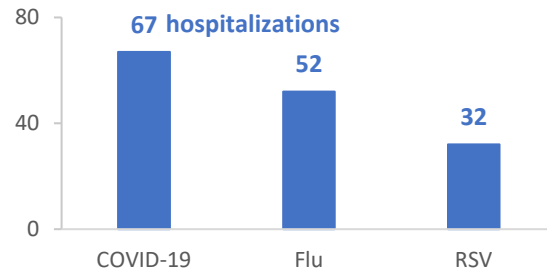
Respiratory Diseases

COVID-19, Influenza, RSV

MCHD activities include keeping the public informed on current and emerging health topics, health promotion and prevention.

In 2024, Coronavirus Disease 2019 (COVID-19), Influenza (flu), and Respiratory Syncytial Virus (RSV) were the top 3 reported respiratory conditions.

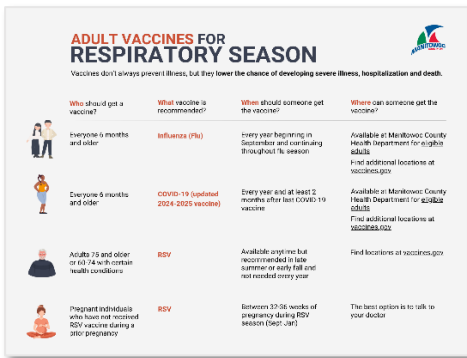
COVID-19 was the most common cause of respiratory associated hospitalizations*



*In late 2023, there were [changes to reporting requirements](#)

Respiratory Prevention Activities in 2024

- Administered COVID-19 vaccinations to [eligible children](#) and [adults](#).
- Distributed **543** COVID-19 test kits.
- Hosted 2 free, community wide flu clinics for children
- **Expanded flu clinic partnerships** with 2 organizations.
- Developed a plain language guide for communities related to respiratory vaccine recommendations.
- Continued providing free respiratory hygiene kits to community members.



Tuberculosis (TB)

MCHD works to assure those with [latent or active TB](#) are linked to care and treatment is completed.

<5 Active TB Cases

14 LTBI Cases

14 Additional cases of LTBI investigated & determined to be suspect or not a case

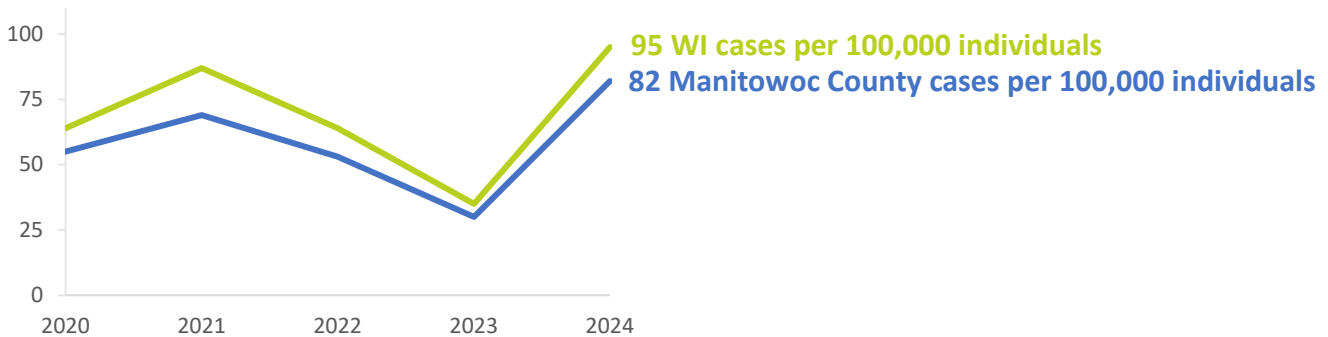


Enteric Diseases

[Enteric Diseases](#) most commonly result from consuming contaminated foods or water resulting in illnesses that can cause vomiting, diarrhea, and fever. The most commonly reported enteric disease in Manitowoc County in 2024 was [Enteropathogenic E. Coli \(EPEC\)](#).

Both Manitowoc County and the state of Wisconsin saw a significant increase of [Enterotoxigenic E. Coli \(ETEC\)](#) in 2024, however, MCHD saw a slight decrease of cases of [Campylobacteriosis](#) and [Shiga Toxin-Producing Escherichia coli \(STEC\)](#).

Enteric disease rates spiked in 2024 for both Manitowoc & the state of WI partly due to a new online tool leading to increased reporting.




Tick-Borne Diseases

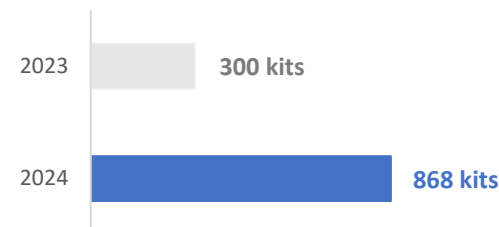
Ticks can transmit a number of diseases to humans. The most common tick-borne disease in Manitowoc County is [Lyme diseases](#). Reports that are determined to meet the definition of a case, which specifies a characteristic "[bull's eye](#)" rash, are provided education, and resources.


MCHD works to prevent tick borne diseases by distributing free tick kits to community members and campgrounds. These kits have information and resources to prevent, and identify ticks.

In 2024, MCHD added 3 new partners where community members can access these tick kits, expanding out into Reedsville.



 MCHD significantly increased distribution of tick prevention kits in 2024.



 Lyme disease cases decreased by half in 2024.

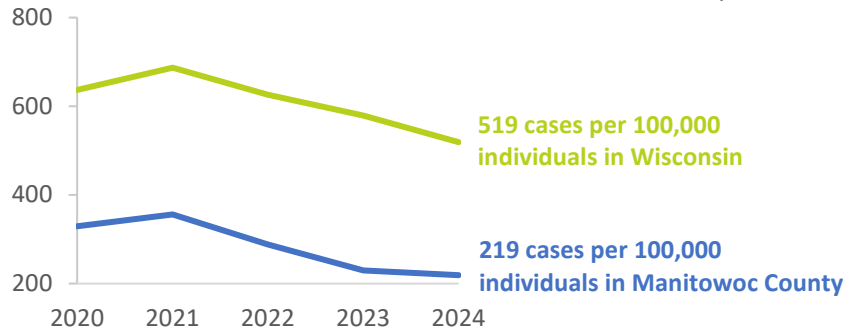


Sexually Transmitted Infections (STIs)

MCHD provides resources and community education in Manitowoc County to prevent the spread of STIs. Rates of [Sexually transmitted infections \(STIs\)](#) are below the state average, yet remain an area of concern for Manitowoc County.

In 2024, MCHD added 1 new community partner to distribute prevention materials to the community.

Rates of STIs declined over the last several years

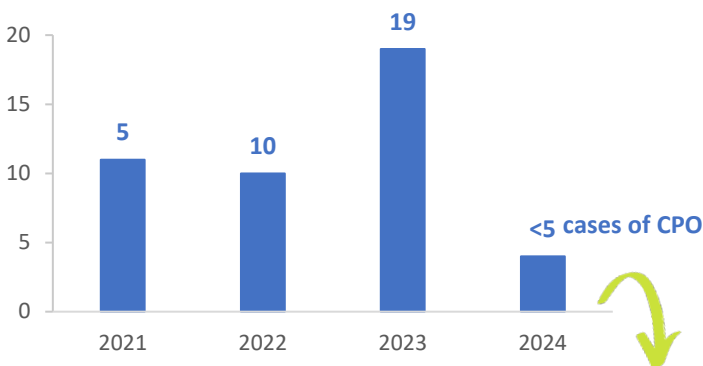


Multi-Drug Resistant Organisms (MDROs)

[Multidrug-resistant organisms \(MDROs\)](#) are organisms that have developed the ability to defeat the drugs designed to kill them. Infections caused by MDROs can be difficult to treat, and there is an increased ability for the infections to spread rapidly, especially in health care settings.

Some MDROs are more concerning than others. One group of MDROs that are especially concerning are called [carbapenemase-producing organisms \(CPOs\)](#). CPOs have developed resistance to drugs that have long been considered the last line of defense to treat multidrug-resistant infections, and they can pass on resistance to other bacteria, leading to widespread antibiotic resistance.

CPO cases decreased in 2024.



MCHD continued efforts started in 2023 to decrease the rise in MDRO cases seen from 2021-2023. In 2024 we continued the efforts to raise awareness about antibiotics and promote/provide resources and [guidance to long term care facilities](#).

Chronic Disease & Injury Prevention

MCHD collaborates with community partners and groups, such as [Healthiest Manitowoc County](#) (HMC) to promote health and reduce injuries.

In 2024, the [leading causes of death](#) in Manitowoc County were the same as 2023:

- Diseases of the heart
- Malignant neoplasms (cancer)
- Accidents due to unintentional injuries

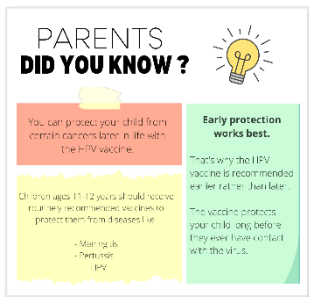
Chronic Disease Prevention Activities in 2024



Partnered with [HMC Safe Opportunities for Activity and Recreation](#) to support a local hospital system’s free summer exercise series, [Fit in the Park](#) in Manitowoc and Two Rivers parks.

 **6**
Free classes held

 **88**
Attendees



Promoted cervical cancer prevention through HPV immunization reminders.



Created a [Walk to School Day Planning Guide](#) and encouraged local schools to participate in National Walk and Roll Day to promote active modes of transportation and teach healthy habits early, through [HMC Safe Opportunities for Activity and Recreation](#) group.

 **6**
Schools participated

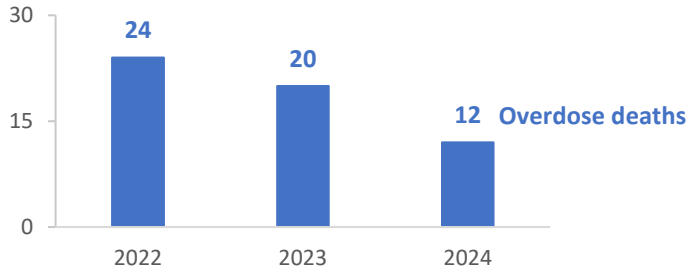
 **150+**
Children walked to school

Injury Prevention Activities in 2024

Harm Reduction

MCHD participates in the [Naloxone Direct Program](#) which provides training and Naloxone to individuals at no cost. Naloxone is an opioid overdose reversal drug. In 2024, MCHD over **doubled the number of Narcan kits distributed.**

Overdose fatalities in Manitowoc County continued to decrease in 2024



301

Doses of Narcan distributed



71

People trained

Medication Disposal Safety

MCHD Promoted [medication safety and disposal](#) to prevent accidental overdoses through [HMC Substance Use Prevention](#) group and collaboration with community partners.



267

Households participated in [Drug Take Back Day](#)



750

Pounds of medication collected at Drug Take Back Day



391

Lockable boxes/bags distributed



400

Safe medication disposal packets distributed

Home & Pedestrian Safety

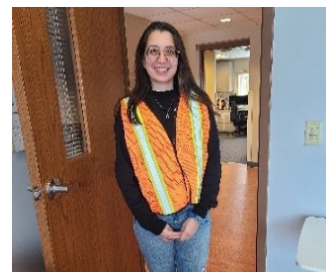
MCHD provided resources to families on home safety, and continued offering low-cost safety vests to purchase.



192



Families provided home safety education & checklist



Environmental Public Health

[Environmental Health](#) (EH), centers on the relationships between people and their environment. It focuses on the protection and promotion of a healthier environment by preventing, assessing, correcting and controlling agents in the environment which could have adverse effect on the health and well-being of individuals and communities of Manitowoc County.

Inspections and Licensing*

*Data displayed represents the licensing year (July-June), not calendar year.

MCHD licenses and inspects the following facilities through contracts with [DATCP](#) and [DSPS](#):

- Retail Food Facilities
- Lodging
- Campgrounds, Recreational & Educational Camps
- Body Art Facilities
- Swimming Pools, Whirlpools & Therapy Pools
- Schools-if in the USDA Hot Lunch Program

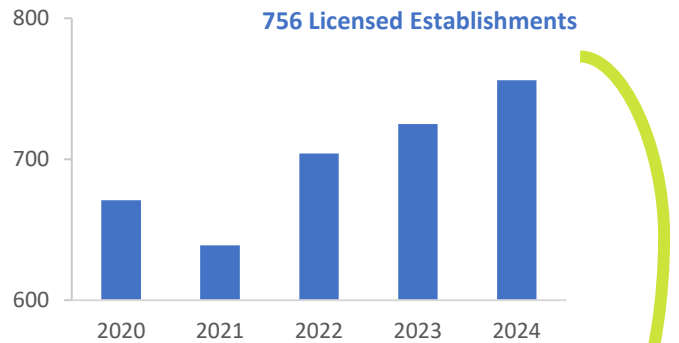
Multiple inspections may be needed for each facility. Inspection types include: pre-licensing inspections, routine inspections, re-inspections and complaint inspections.



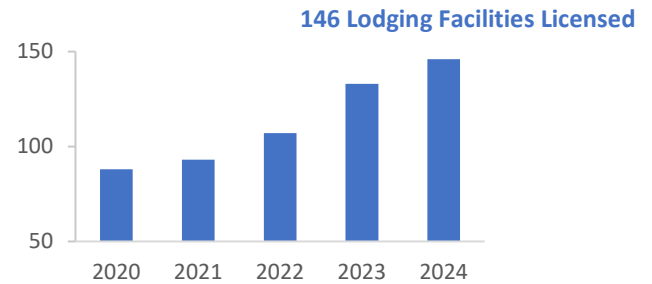
813

Total Inspections Performed

The number of establishments licensed by the Health Department continues to increase.



License number increases are largely due to an increased number of Tourist Rooming Houses.



Activity Spotlight

EH staff continuously work to keep owners and operators informed of codes, rules, and regulations they are expected to follow.

In 2024 our **EH Sanitarians held 2 trainings for pool operators** to review revised pool codes, provide resources & an opportunity for pool operators to discuss and ask questions.

New Pool Code Training

On September 24, 2023 the State of Wisconsin adopted a revised version of ATCP 78 Safety, Maintenance, and Operation of Public Pools and Water Attractions. This new code revision has some significant changes.

The Manitowoc County Health Department Environmental Health Division is offering a **FREE** training opportunity for Wisconsin County pool operators to learn about the new pool code requirements, ask questions and obtain assistance.

TOPICS TO BE COVERED

- ✓ Licensing changes- New Certification Fee
- ✓ Water Treatment and Water Quality
- ✓ Staffing Requirements
- ✓ Operation and Maintenance
- ✓ Pool Construction and Design - VGBA
- ✓ Record Keeping Requirements

Each facility is strongly encouraged to send at least one representative.

Participants will receive a printed set of reference materials that are customized to your facility.

DATE AND TIME:
Two options have been scheduled for your convenience:

Option 1
WEDNESDAY February 21 10AM - 2PM

Option 2
TUESDAY February 27 1PM - 2PM

LOCATION:
Manitowoc County Health Department
1228 S. 3rd Street
Second Floor, Room 207
Manitowoc, WI 54220

REGISTRATION:
Pre-registration is appreciated but not required.
Register at: <https://forms.office.com/g/432bc01n6c>



“

Thank you, Valerie, for keeping us up to date on all things poolside!!

”

-Operator

Safe Drinking Water



MCHD has a contract with the Wisconsin DNR to assure compliance with Wisconsin’s Safe Drinking Water Code, NR 809 as it applies to public [transient non-community \(TNC\) water systems](#). TNC water systems include rural churches, restaurants, parks and taverns and other businesses that serve over 25 different people 60 days or more per year. Work includes collecting samples, inspecting the public water systems and enforcement.

The number of follow up visits increased from 13 to 30 in 2024. Follow up visits may be required to assure water is safe to drink.

- 100** TNC systems inspected
- 261** Water samples taken (coliform bacteria or nitrate)
- 30** Follow-up visits

Beach Water Monitoring Program

The [beach monitoring](#) program is a cooperative effort between MCHD, UW-Oshkosh, the City of Manitowoc, the City of Two Rivers and the Wisconsin DNR. Beach water samples are routinely collected and analyzed for levels of fecal coliform bacteria according to [EPA standards](#). Results are posted to the [Wisconsin Beach Health website](#) and signage is provided at the beaches indicating to the public the most current available water conditions and any risks associated with swimming in contaminated surface water.

 **11**
Beaches on Lake Michigan monitored

 **103**
Advisories issued

The number of advisories issued increased in 2024.

High levels of E.coli can occur after large rain events.

 **588**
Samples collected

 **36**
Closures issued


Rabies Control

Rabies is a viral disease transmitted to humans from an infected mammal, usually through a bite. Human [rabies](#) is rare in the US, but once symptoms appear it is always fatal. In Wisconsin, bats and skunks are most likely to carry the virus. Other animals such as dogs, cats, and livestock may also carry the rabies virus.

MCHD serves as the primary source of rabies information for community partners, collaborates with law enforcement and veterinarians to assure Wisconsin laws are followed, coordinates testing of available specimens, and issues quarantine orders when needed. Testing rules out the need for bite victims to undergo preventive treatment when observing the animal isn’t possible. Domestic animals who have been exposed to wild animals that have tested positive for rabies or who are not available for testing require a special quarantine.

 **219**
Total animal bites reported

 **20**
Specimens tested for rabies

 **6**
Quarantine orders issued

Community-Specific Services

Community-specific services refer to services that are unique to the needs of a specific community, and vary by jurisdiction.

Free Well Water Testing for Houses with Pregnant Women and Infants

About 30% of WI residents get their drinking water from private wells. MCHD provides free well water testing for households with pregnant women and infants (up to 12 months old). The test is for coliform bacteria, nitrates, fluoride and metals. MCHD then follows up with households to provide results, education, and retesting as needed.



In 2024, **18 households** were tested with only **1 well** determined to have unsafe levels of coliform. MCHD also began preparing for the expanded eligibility and renaming of this program to [Wisconsin Well Testing Access Program \(WellTAP\)](#).

Radon Information Center

[Radon](#) is a naturally occurring gas that is radioactive and is the 2nd leading cause of lung cancer in the United States. About 1 in 10 homes in WI have high levels of radon.

MCHD provides test kits and education as part of our role as the [Radon Information Center*](#) for 5 counties in Northeastern Wisconsin. (*Region 15 in the figure on the right).



447
Total Radon Test
Kits Sold

Radiation Protection

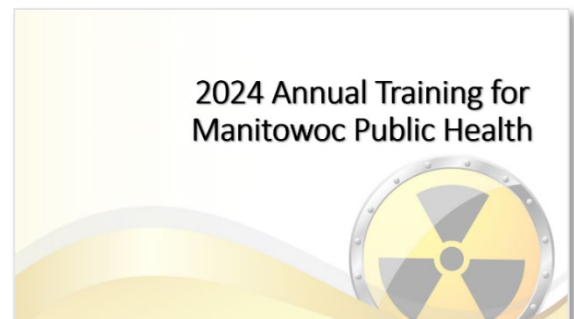
Manitowoc County has the only active [nuclear power plant](#) in the state of WI. Through a contract with the State of Wisconsin, EH staff collects environmental samples such as air, milk, and water around the area of the nuclear plant. In addition, 3 EH staff serve on the State Radiological Emergency Response Field Team.

Emergency Preparedness

MCHD staff prepare for and respond to hazards and events that pose a risk to the health of the community.

In 2024, MCHD staff were trained by staff within the [WI Radiation Protection Section](#) to maintain knowledge and skills to respond to an emergency including:

- Taking environmental samples on the State Radiological Emergency Response Field Team
- Distributing [dosimetry](#)
- Coordinating activities for the event in the [Emergency Operations Center \(EOC\)](#).

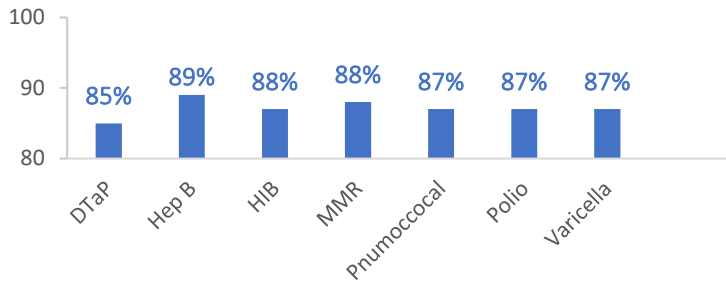


Routine Immunizations

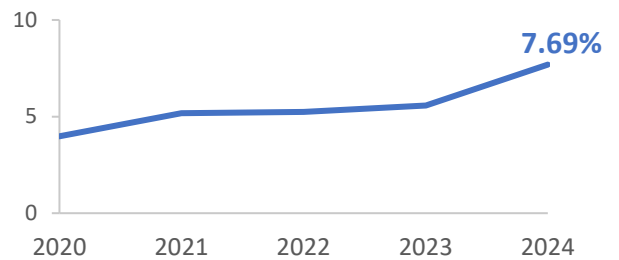
The percentage of people that have received the recommended vaccines is important to measure how well our community is protected from vaccine-preventable diseases. An increased number of student vaccine waivers reduces the protection from outbreaks of vaccine preventable diseases.

In 2024, Manitowoc County seen a slight decrease in the number of 2-year-olds who received all the CDC recommended vaccines, and an **increase in student vaccine waivers**.

% of 2-year-olds in Manitowoc County who received age-appropriate doses for each of the vaccines*



The % of [student's that have a vaccine waiver](#) has increased since 2023



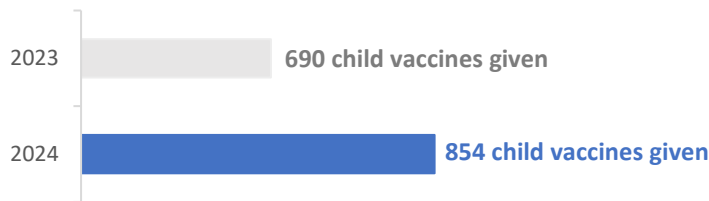
* (chart reflects immunizations as of 12/31/2024, including late up to date).

Vaccine Clinics

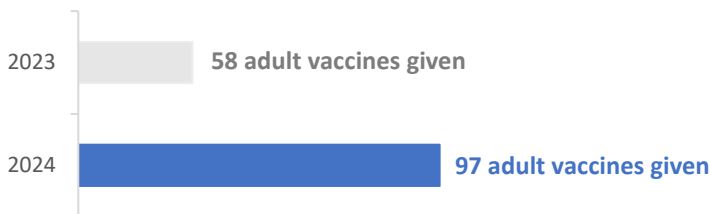
MCHD provides information and opportunities for individuals to access routine immunizations. MCHD is enrolled in the [Vaccines for Children \(VFC\)](#) and the [Vaccines for Adults \(VFA\)](#) programs. These programs allow eligible individuals to receive many [CDC recommended vaccines](#) for free. MCHD has [weekly vaccine clinics](#) and maintains a partnership with the jail to immunize eligible adults.


In 2024 MCHD seen **an increase in the number of childhood and adult vaccines administered**.

 **206**
children served



The **number of adult vaccines administered increased** partly due to the MCHD participating in the expansion of the VFA program to include COVID-19 & Flu vaccines.



 **37**
adults served


Maternal, Child & Family Health


MCHD works to improve the health status of infants, children, adolescents, and families in collaboration with community partners.

Childhood Lead Exposure

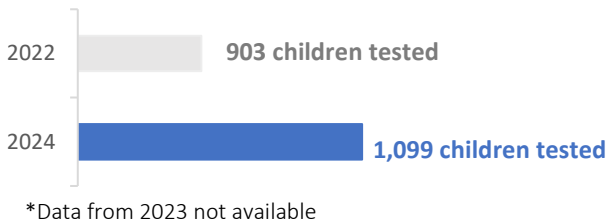
[Lead exposure](#) occurs by swallowing or breathing in lead or lead dust. After a child is exposed to lead damaging effects can last a lifetime. Even low levels of lead in blood have been shown to negatively affect a child’s development. MCHD’s role includes providing education, information and resources to individuals and community partners in order to reduce lead exposure and mitigate the harmful effects to those who have been exposed to lead. Depending on the level, home visits or lead hazard investigations are conducted.

In 2024, MCHD worked to **assure timely lead testing and follow up care**, & attended **3 community events**.

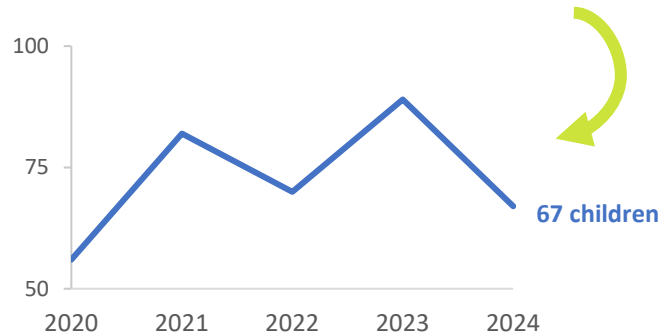
 **7**
Lead related home visits provided

 **3**
Lead hazard investigations conducted

In 2024, testing of at-risk children in Manitowoc County increased.



The number of children with confirmatory blood lead levels ≥ 3.5 $\mu\text{g}/\text{dL}$ decreased in 2024.



Adolescent Well Being

Youth Collaborative

MCHD supported the reconvening of the United Way Youth Collaborative monthly meetings. In 2024, this group was successful in getting participation from state and local community partners including schools aimed at increasing school participation in the Youth Risk Behavior Survey (YRBS) and increasing youth engagement in various initiatives.

Youth Mental Health

In 2024, MCHD promoted a [Light the Way for Mental Health](#) campaign.

This campaign sought to raise awareness and provide resources for youth mental health & included: Social media messages, the use of #SayYesToGreenMC hashtag, Radio PSAs, & Presentations.

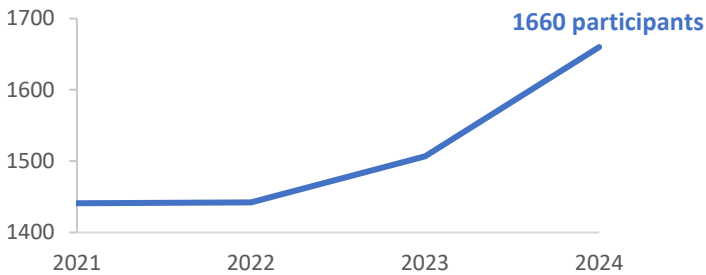
Local businesses and residences were encouraged to join the campaign by using green lights to show their support for mental health.



Women, Infants, and Children (WIC)

The [WIC Program](#) provides supplemental nutritious foods, nutrition and breastfeeding education and information to pregnant & postpartum women, infants, and children under the age of 5. WIC staff make referrals to other service providers including health & other government programs.

Participation in the WIC program continues to increase.

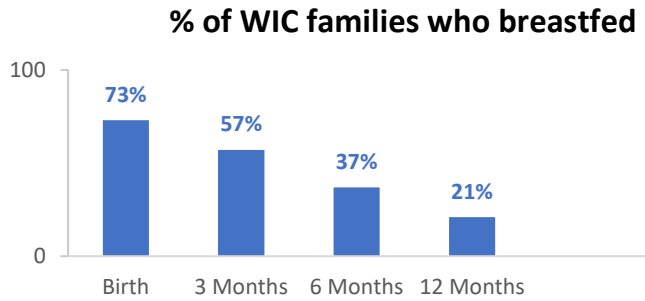


“
They help me and my child and are very attentive, super attentive and understanding.
”
- WIC Client

Breastfeeding

[Breastfeeding](#) is linked to reduced risk for many illnesses in children and mothers. Exclusive breastfeeding for the first 6 months of life is linked to health benefits for infants. In 2024, there was a **slight increase in families that breastfed** at birth, and a **decrease in families that breastfed at 6 months** (from 45% to 37%) when compared to last year.

The % of WIC families who breastfed decreased from birth to 6 months.



Farmer’s Market

The [WIC Farmer’s Market Program](#) offers WIC participants vouchers to buy fresh produce at approved locations. This program increases access to local produce which helps children eat healthier and supports family farmers. WIC staff provide education to those receiving the vouchers, train farmers to become authorized in the program, and promote farmer’s market tours for families.

In 2024, MCHD partnered with UW-Extension to host a local farmer at MCHD throughout the summer, where demonstrations on how to use EBT and vouchers were provided.

213%
increase of families using their benefits in the past 5 years

\$17,432
in farmer’s market vouchers spent

85%
of families used some or all of their vouchers

Economic Impact

WIC trains and provides support to local grocers & pharmacies who partner as vendors with WIC. **Vendor revenue continued to increase in 2024.**

11
Approved Vendors

\$932,455
Vendor Revenue

Access and Linkage to Care

MCHD works with partners to assure an effective system that enables all individuals have access to services and care needed to be healthy.

Pregnancy and Birth Outcomes

Welcome Baby Packets

Healthy outcomes are increased by providing parents of every child born in Manitowoc County with a Welcome Baby Packet of information. Information includes the recommended immunization schedule, car seat safety, early literacy practices, and resources.

Free Pregnancy Testing

MCHD provides [free pregnancy testing](#) for individuals without health insurance. Based on the test results, staff assists individuals with enrollment in Badger Care, getting appointments set up with a physician, and enrollment in the WIC program. Referrals for tobacco cessation and case management may also be made.

Early Screening

MCHD supports community efforts to get young children screened for developmental progress. In partnership with other agencies, MCHD staff are trained to provide a [screening tool](#) and make referrals to services based on individual child/family needs.

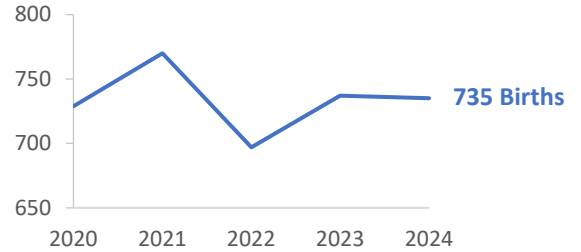
Health Promotion

MCHD participates in a variety of health promotion events that increase access to community resources.



“ Ladies, Thank you for participating in the Aurora Baby Bootacular event. You guys rocked the table + I really appreciate your time. Hope to see you at future events ”
- Healthcare Partner-

The number of births in Manitowoc County did not change significantly in 2024.



26
Pregnancy Tests Provided



27
Developmental Screens Conducted

Interpreter Services

MCHD has 2 Spanish and 1 Hmong bilingual health aide who provide interpretation and translation services in addition to performing administrative duties. In 2024 activities included:

- Translated written documents, brochures, and flyers.
- Interpreted for community presentations including the Hmong Senior Meal.
- Supported developmental screening to non-English speaking families.
- Partnered with NEWAHEC to host a Hmong Immersion session for high school & university students



24
hours of interpretation provided for WIC

Foundational Capabilities

Foundational Capabilities are skills and capacities needed to support basic public health activities key to ensuring community health and wellbeing.

Community Partnership Development

Carbon Monoxide Poisoning Prevention Project

MCHD was awarded a grant to prevent carbon monoxide poisoning in the community. MCHD collaborated with partners including local government, healthcare agencies, fire departments, and nonprofits to increase awareness on the importance of CO detectors, what to do if an alarm goes off and ways to reduce exposure to carbon monoxide. This project will continue until June of 2025.

 **353** CO alarms distributed

 **134** housing units reached

Community Baby Shower

MCHD supported the 2nd annual [community baby shower](#) helping new and expecting parents with young children connect to education, support, supplies, and resources. In 2024, the number of partners engaged to provide resources & services at the event increased from 23 to 31.

 **275** attendees

 **92** families


 **11** communities

“It was a GREAT event in many ways and I was proud to be a part of it.”
- Partner-



Communications

MCHD regularly updates our website and brochure to reflect the most up-to-date information on diseases, programs/services and available resources. In 2024, MCHD completed a draft external communications policy and plan to aid in effective communication with external agencies and community members.

 **4** Events Attended

 **5** Newspaper Interviews

 **7** Press Releases

 **12** Presentations

 **7** Radio/Podcast Shows

Accountability & Performance Management (PM)

Accountability & Performance Management in Public Health includes the ability to maintain a culture of quality, use quality improvement tools, and maintain a PM system.

PUBLIC HEALTH PERFORMANCE MANAGEMENT SYSTEM



PM System at MCHD

Performance management refers to the ongoing practice of using data to guide decisions and implement changes, and a PM System is the structured framework used to implement it. In 2024, MCHD completed the development of a [PM System](#), using the [Turning Point](#) framework.

Quality Improvement (QI)

[QI](#) in public health is the use of a deliberate and defined improvement process which is focused on activities that are responsive to community needs and improving population health. MCHD has a combined QI/PM Plan.

2024 QI & PM Activities:

- Reconvened the QI/PM Team
- Completed 2024-2026 QI & PM Plan
- Developed new Hire Overview of QI/PM
- QI toolkit developed
- Completed PM Dashboard



2 QI/PM all staff trainings completed

1 QI project initiated to improve WIC scheduling

5 QI/PM team meetings held

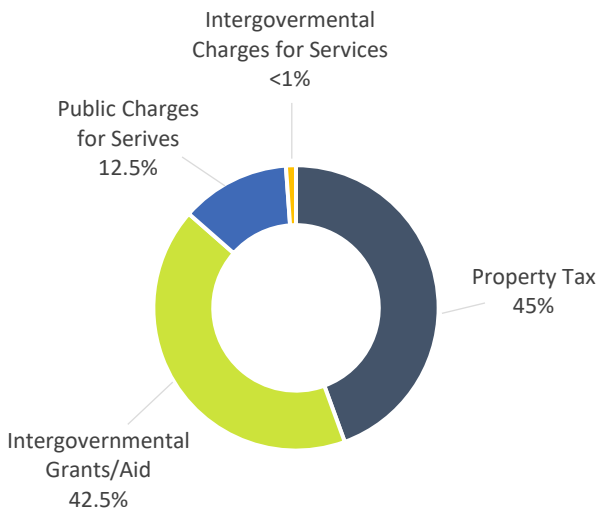
1 QI/PM Newsletter distributed to internal staff

MCHD Performance Management Summary		
	Objectives:	Metrics:
Goal 1 Prevent the spread of communicable disease	1. Increase vaccination rates among children	Metric 1: % of MCHD associated clients at age 6 who have completed the vaccination
	2. Increase vaccination rates among adolescents and adults	Metric 1: % of adolescents residing in Manitowoc County who completed by age of 19 Metric 2: % of adolescents residing Manitowoc County who received the dose ACWY (meningitis vaccination) by age 19
Goal 2 Prevent chronic disease and injury	1. Increase access to healthy food	Metric 1: % of WIC Farmer's Market vouchers redeemed through the market (June-October)
	2. Maintain a diverse and inclusive community coalition	Metric 1: # of sectors represented at the quarterly HMC Advisory Council Metric 2: # of sectors attending the Investing Early coalition meetings
	3. Decrease unintentional injury & death	Metric 1: # of Narcan kits distributed
Goal 3 Ensure safe food, air and water quality	1. Ensure timely inspections of licensed facilities to protect human health	Metric 1: % of routine DATCP inspections as required by contract completed
	2. Ensure safe drinking water	Metric 1: % of TNC annual surveys/sanitary inspections completed as required by DNR TNC contract
	3. Prevent and mitigate risks associated with lead poisoning	Metric 1: % of children with a blood lead level of 10 or more who received home visit Metric 2: % of lead hazard assessments completed for all identified cases

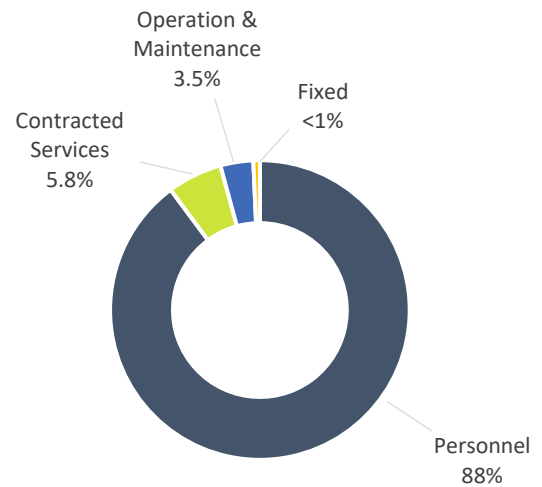
MCHD's PM Dashboard has 6 goals based on the FPHS model.

Financial Overview

How MCHD is Funded 2024 estimated revenues & other sources



What the Funding Supports 2024 estimated expenses



Funding Breakdown

● Property Taxes	\$980,711
● Intergovernmental Grants/Aid	\$927,257
● Public Charges for Services	\$273,590
● Intergovernmental Charges for Services	\$100

Expense Breakdown

● Personnel	\$1,923,862
● Contracted Services	\$126,695
● Operation & Maintenance	\$75,965
● Fixed	\$15,136

Total Funds **\$2,181,658**

Total Expenses **\$2,181,658**

Note: Financial estimates, obtained from the Manitowoc County, WI 2025 Executive's Approved Annual Budget Book.

Source: <https://manitowocountywi.gov/departments/finance/financial-documents/>

Appendix A

Communicable Disease Case Counts for Manitowoc County

This report contains data from the Wisconsin Department of Health Services (WI DHS) Division of Public Health PHAVR - WEDSS County Board of Health Report for Manitowoc County from 1/1/2024 to 12/31/2024. The numbers reflect **confirmed and probable cases** unless otherwise noted. Counts are subject to change due to ongoing case follow up and data verification. For diseases with less than 5 cases, exact numbers are not shown.

Legend

- ▲ Indicates increase from previous year
- ▼ Indicates decrease from previous year
- Indicates remains at <5 from previous year or no change

Disease Name	# of confirmed & probable cases
Drug Resistant Organisms	
▲ Candida Auris, Clinical	<5
▼ Carbapenemase Producing Organism (CPO), CPO Clinical	<5
Enteric and Gastrointestinal	
▼ Campylobacteriosis	16
▲ Cryptosporidiosis	10
▼ E-Coli, Enteropathogenic (EPEC) & E-Coli, Enterotoxigenic (ETEC)	21
▼ E-Coli, Shiga Toxin- Producing (STEC)	<5
▲ Giardiasis	14
▲ Listeriosis	<5
▼ Salmonellosis	10
▲ Shigellosis	<5
▲ Vibriosis, Non Cholera	<5
▲ Yersinosis	7
Invasive Bacteria	
▼ Streptococcal Disease, Invasive, Group A	<5
▼ Streptococcal Disease, Invasive, Group B	10
Fungal	
— Blastomycosis	<5
— Histoplasmosis	<5
Respiratory	
▲ COVID-19- Associated Hospitalization	67
▲ Influenza-Associated Hospitalization	52
— Legionellosis	<5
▲ RSV-Associated Hospitalization	32
— Tuberculosis (TB)	<5
— Tuberculosis, Latent Infection (LTBI)	14
Sexually Transmitted	
▼ Chlamydia Trachomatis Infection	161
▲ Gonorrhea	17
▼ Syphilis	<5

Disease Name	# of confirmed & probable cases
Vaccine Preventative	
▲ Haemophilus Influenzae, Invasive Disease	5
— Hepatitis B, Chronic	<5
— Meningitis, Bacterial Other	<5
▲ Pertussis (Whooping Cough)	25
▲ Streptococcus Pneumoniae, Invasive Disease	11
— Varicella (Chickenpox)	<5
Vectorborne	
▼ Lyme Disease, Erythema Migrans (EM) Rash	<5
— Other tickborne illnesses (Anaplasmosis, Babesiosis, etc.)	<5
Zoonotic	
▲ Q Fever, Unspecified	<5
— Toxoplasmosis	<5
Other	
▲ Carbon Monoxide Poisoning	7
▼ Hepatitis C	6
▲ Mycobacterial Disease (Non-Tuberculous)	13
— Silicosis	<5

We Want to Hear From You!

If you have any questions, comments or suggestions for how we can improve on this report [let us know!](#)

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