

MAHONING COUNTY PUBLIC HEALTH

PREVENT • PROMOTE • PROTECT

2022 ANNUAL REPORT



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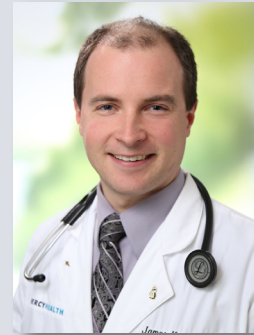
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MEDICAL DIRECTOR
James F. Kravec
MD, FACP

WELCOME FROM THE HEALTH COMMISSIONER



I am excited to share with you the 2022 Annual Report for Mahoning County Public Health. Here we have highlighted a sampling of our proud accomplishments from 2022 to show public health in action and the resources we offer to our residents. Mahoning County Public Health (MCPH) employees work hard every day to prevent disease, promote health and to protect our communities. This past year MCPH along with our community partners conducted a Community Health Assessment (CHA) to gather input on the community's needs and concerns. The CHA is designed to allow for us to examine the diverse aspects of Mahoning County's health status in its urban, suburban, and rural communities throughout the county. The Community Health Improvement Plan will be our road map to improve the community's health over the next three years with community partners who have developed strategies around the three following priority areas; 1. Mental Health and Substance Use, 2. Access to Care and, 3. Community Conditions and Safety.

MCPH is currently working on our five-year strategic plan under the leadership of Kent State University. As we continue the development of our plan into 2023, we will create objectives and strategies that are focused on



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goals of; 1. Assured excellence in local public health services, 2. Improvement of population health outcomes, 3. Atmosphere of professional enrichment for MCPH staff.

The work of public health is deeply integrated into society's framework as our health professionals seek to understand vulnerabilities and needs through our CHA/CHIP, strategic plan, and the programmatic work that we deliver to our communities. The work is centered around creating lasting partnerships, aligning strategies, conducting assessments, developing policies, investing in well trained personnel and intervening in times of needs to prevent disease, promote health and to protect Mahoning County.

I hope you enjoy our annual report and I encourage you to visit our website, follow us on social media, and share our resources throughout your community.

Respectfully,
Ryan Tekac, MPH, MS, REHS
Health Commissioner



REVENUES

LOCAL REVENUES

Environmental Health License, Registration, and Permit Fees	\$1,894,420
Local Taxes: Inside Millage and Tuberculosis Levy	\$1,242,495
Laboratory Services Fees	\$359,861
Contracts with Governmental Agencies/Non-profits	\$228,885
Insurance Reimbursements	\$146,860
Rental Income	\$55,980
Personal Health Services Patient Paid Fees	\$36,346
Donations	\$26,050
Miscellaneous Revenues	\$3,762
SUB-TOTAL LOCAL REVENUES	\$3,994,659

STATE & FEDERAL REVENUES

Ohio Department of Health Funded Grants/Projects

STATE FUNDED DOLLARS INCLUDE \$862,164

- Food Service Replacement Fees
- Ohio Equity Institute 2.0 Grant
- Moms Quit for Two Grant
- Cribs for Kids Safe Sleep Grant

FEDERAL FUNDED DOLLARS INCLUDE \$1,834,733

- Coronavirus Response Grant
- Contact Tracing Grant
- Women, Infants, and Children (WIC) Grant
- Maternal and Child Health Program Grant
- Public Health Emergency Preparedness Grant
- Cribs for Kids Safe Sleep Grant
- Integrated Naloxone Grant
- Prescription Drug Overdose Prevention Grant

MEDICAID/MEDICARE REIMBURSEMENT FOR SERVICES \$514,701

OTHER STATE and FEDERAL DOLLARS INCLUDE \$1,829,673

- MY Baby's 1st Program - Ohio Dept. of Medicaid
- ARPA Grant - Mahoning County Commissioners
- HUB Grant - Ohio Commission on Minority Health
- Mosquito Control Grant - Ohio EPA
- Water Pollution Control Loan Fund - Ohio EPA

STATE SUBSIDIES \$117,598

SUB-TOTAL STATE and FEDERAL REVENUES \$5,158,869

TOTAL REVENUES \$9,153,528

THIS IS AN UNAUDITED FINANCIAL STATEMENT



EXPENDITURES

	FEDERAL STATE	LOCAL	TOTALS
Personal/Community Health Services	\$4,379,134	\$505,494	\$4,884,628
Environmental Health Services	\$18,352	\$2,162,804	\$2,181,156
Administrative & Support Services	\$117,589	\$964,708	\$1,082,306
Laboratory Services	0	\$454,368	\$454,368
TOTAL EXPENDITURES	\$4,515,084	\$4,087,374	\$8,602,458

To contact our office, please call (330) 270-2855 option 2.



SEWAGE

Starting in January of 2022, Mahoning County Public Health's Environmental Health Division began a year-long implementation of the Operation and Maintenance (O&M) program. Through overwhelming effort and coordination, the O&M team was able to successfully develop and send out more than 25,000 letters to homeowners and enrolled over 14,000 households in the O&M program. The O&M team spent the entire year "cleaning up" electronic data on household septic systems throughout the county, answering questions from homeowners and working with contractors/installers to address issues with these systems. This is a complicated program, and our office continues to send letters and enroll new systems, but if you have a question about the program or your septic system, we are always here to help. Feel free to call us or stop in.



LANDFILLS/SOLID WASTE

Mahoning County is home to two active landfills and six closed landfill sites. These facilities are actively monitored by MCPH Environmental Health Staff, who continue to visit the active landfills several times each month and they act as a liaison between the community, the landfill operators and the EPA who is tasked with enforcing laws related to these sites. This partnership allows our agency to work with the landfills and the surrounding county quickly and efficiently in the event of any adverse event, or to help take precautionary measures to ensure such events do not occur. We are also happy to provide education to the communities surrounding these sites and make sure we address their concerns as they arise. If you hear of any concerns surrounding one of these sites, please feel free to share the information with our staff, so we can take steps to quickly address any issues/concerns.



VECTOR CONTROL/MOSQUITOES

Between May and August of 2022, Mahoning County Public Health utilized a college intern to set and collect mosquito traps throughout the county. These traps collected over 5,000 mosquitoes, 2,700 of which were tested by ODH for West Nile Virus (WNV). During the summer we did collect one sample that was positive for WNV, and we worked with the surrounding community to spread education and messaging about personal protection and reducing mosquitoes in the area. Thousands of mosquitoes will breed in the stagnant water inside of a single tire over the course of the summer. So, our primary messaging focuses around removing any stagnant water or breeding sources near residents' homes to help reduce the mosquito populations. If you have concerns about mosquito breeding sources around you, our office can be contacted to address those issues.



NUISANCE

Mahoning County's nuisance abatement team investigated 111 total complaints in 2022. Of the 111 complaints, 42 were rat complaints and 69 were general housing complaints. The nuisance abatement team exerts strong emphasis on educating the homeowner/tenant on elimination and prevention tactics regarding vectors of disease. In general, it is important to eliminate any potential sources of food, water or shelter for vectors throughout your property. To gain more information on prevention/elimination tactics, or to report a potential nuisance property please call our office.



FOOD

Mahoning County's food safety team conducted more than 2,500 inspections in 2022, including pre-opening and routine inspections, as well as complaint and foodborne illness investigations. A major emphasis upon inspection is to prevent common risk factors to foodborne illness. For example, washing your hands before handling food can be a major factor in preventing contamination of food, which can make people sick. If you are curious how restaurants around the county did in their most recent inspection, those reports are all available at our website: www.mahoninghealth.org.



CAMPGROUNDS

Mahoning County's Recreation Program inspected 10 campgrounds and 3 resident camps in 2022. The design, installation, operation and maintenance of the campground's facilities are inspected to prevent injury and minimize the potential for disease transmission amongst the campers of Mahoning County. These inspections are conducted to ensure compliance to the minimum standards applicable throughout the state of Ohio. For questions regarding campgrounds in Mahoning County, please contact our office.



BATHING BEACHES

There are four bathing beaches located in Mahoning County. At least one water sample is collected at each individual bathing beach during the months of May, June, July and August. The samples are evaluated to assure that the bathing waters are free from waterborne diseases associated with exposure to contaminated water. We are by no means the only local or state agency that monitors the surface waters throughout Mahoning County, but if you have questions about some of these waterways, feel free to contact us and if its not a waterway that we monitor, we can point you in the right direction of the agency that does.



POOLS and SPAS

Approximately 100 public pool and spa facilities were inspected in 2022. The installation of equipment, operation, and maintenance of the bathing facilities are investigated during a routine inspection. This is to protect the bathing public from injury, minimize the potential for disease transmission, and to assure a safe and healthy aquatic recreational environment is provided.



SCHOOL PROGRAM

More than 1.75 million children and 100,000 adults across Ohio spend their days in k-12 schools. There are 48 schools located throughout Mahoning County. These schools are inspected at least twice a year, once during the spring and once during the fall seasons. Research shows that a healthy school environment leads to both the educational success and overall well-being of Ohio's school children and staff. These inspections result in recommendations from our agency to each school board, on ways to improve the school facilities or better ways to keep kids safe.



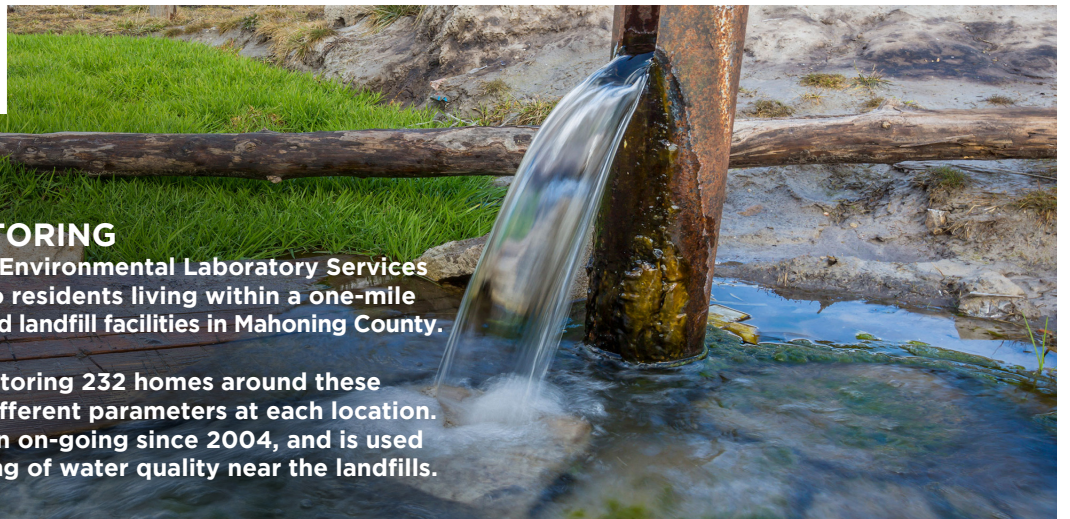
HOMEOWNER WELLS

Many residents of Mahoning County depend on well water as their primary source of drinking water and it is up to the homeowner to maintain their well. Well water quality can be affected by seasonal variations, changes in underground hydrogeology, and even man-made causes. Since private wells can be subject to many possible impacts to water quality, Mahoning County Public Health recommends routine water testing to make sure water quality meets state guidelines.

Mahoning County Public Health Environmental Laboratory Services offers affordable laboratory testing for homeowners to make educated decisions about their water.

In addition to bacteria testing for water potability, the laboratory can test for a wide range of items such as hardness, alkalinity, sulfur, trace metals, solids, and minerals.

A total coliform/E.coli bacteria test is \$25.00 at our laboratory. Residents can call 330-270-2841 for information and pricing for additional testing.



GROUNDWATER MONITORING

Mahoning County Public Health Environmental Laboratory Services provides annual water testing to residents living within a one-mile radius of one of our open or closed landfill facilities in Mahoning County.

The laboratory is currently monitoring 232 homes around these landfills, and analyzing for 48 different parameters at each location. This sample monitoring has been on-going since 2004, and is used to provide continuous monitoring of water quality near the landfills.



LEAD TESTING

Lead is a known neurotoxin that can damage the brain and nervous system and is especially harmful to children.

Despite successes over the years in reducing sources and exposure to lead, it remains a problem today, especially in low-income and minority communities.

Mahoning County Public Health partners with the Mahoning County Healthy Homes & Lead Hazard Control program to provide inspections and lead testing services for the program, which focuses on reducing or eliminating lead hazards in low-to-very-low income housing.

Mahoning County Public Health Environmental Laboratory does testing for other housing agencies and numerous public water systems in our region. On average the laboratory performs nearly 3,000 lead tests a year.

Residents can also get their water tested for lead through our laboratory.



Mahoning Valley Pathways HUB (the HUB), a division of Mahoning County Public Health, is a nationally certified home visiting program that provides services for pregnant women, fathers, and those individuals with chronic diseases, in Mahoning, Trumbull, and Columbiana Counties. The HUB helps identify needs and connects individuals and families to resources.

Mahoning Valley Pathways HUB partners with local agencies in the tri-county area, who work with care coordinators to provide access to resources and services. The HUB helps remove social barriers that help residents live their best, healthiest lives.

Care coordinators become advocates to help secure medical insurance and basic needs like food, clothing, shelter, and transportation. They also help connect to pregnancy services, such as education, medical care, substance abuse, and mental health programs, or housing.

If you or a loved one need assistance or support and you are a resident of Mahoning, Trumbull, or Columbiana Counties, please visit mahoninghealth.org or call 330-270-2855, extension 174 to be connected to a care coordinator.



Mahoning County WIC Program is a Special Supplemental Nutrition Program for Women, Infants, and Children (WIC) that provides supplemental foods, health care referrals, and nutrition education for low-income pregnant, breastfeeding, postpartum women; infants, and children up to age 5 who are found to be at nutritional risk. All Mahoning County WIC staff are trained to promote breastfeeding and support new breastfeeding mothers and infants. Eligible WIC participants receive Farmers Market coupons during the summer months in addition to their regular WIC benefits. The WIC program has been extensively evaluated and considered to be one of the nation's most effective and successful nutrition programs. To enroll in the Mahoning County WIC Program, please call 330-270-2855 or email at wicadminmahoning@odh.ohio.gov.





CRIBS for KIDS PROGRAM

Mahoning County has one of the highest infant mortality rates in Ohio. From 2011-2020, there have been 24 deaths in an unsafe sleep environment. Mahoning County Public Health has been a grant recipient of the Ohio Department of Health's Cribs for Kids Program since mid-year 2014. The overall goal of this program is to reduce and/or prevent Mahoning County infant sleep-related deaths through the provision of safe sleep environments and education. Our staff of public health nurses, provide coordination and distribution of a safe sleep environment to eligible families and evidenced based safe sleep educational trainings. Our portable crib distribution, accompanying safe sleep survival kits and parent/caregiver education has grown from 167 in 2015 to 345 in 2022. Current eligibility to receive a portable crib are as follows: meet current WIC income guidelines, pregnant person is at least 32 weeks gestation or infant is less than one year old and less than 30 pounds. Please contact our Nursing and Community Health Division for more information at 330-270-2855 ext. 125.



IMMUNIZATIONS

In 2022, Mahoning County Public Health Nurses administered 591 adult immunizations and 1,329 immunizations to children/adolescents (excluding COVID and flu vaccines). Our Nursing Division Clerical and Public Health Nursing staff members held 39 flu clinics during the fall of 2022 at various settings in the community, private businesses/organizations and at our main office location. We provided 2,120 COVID-19 vaccinations which is a combination of primary series, first series boosters and then bivalent boosters. MCPH offers CDC recommended vaccines and those required for Ohio school entry. We are a Vaccines for Children provider which is a federally funded program that provides vaccines at no cost to children who are Medicaid-eligible, uninsured, underinsured, American Indian or Alaska Native. MCPH is also a provider for a number of private health insurances. Please contact our Nursing and Community Health Division for more vaccine information, schedule an appointment or to inquire about having an immunization clinic at your business or organization at 330-270-2855 ext. 125.

TB

Tuberculosis (TB) is one of the world’s leading infectious diseases and can be deadly. Up to 13 million people in the United States are living with inactive or latent TB infection. Without treatment, 1 in 10 people with latent TB infection will develop active TB disease. The only way to know for sure if you have inactive TB is to get tested. Mahoning County Public Health’s Tuberculosis Program provided 707 tuberculin skin tests in 2022 and evaluated 32 patients for latent tuberculosis. Of the 32 patients evaluated for latent tuberculosis, 20 completed treatment. The goal of our TB program in Mahoning County is to identify those who may have TB infection by providing TB skin or blood testing, treatment for inactive and active TB disease and public education about TB. If you have questions regarding TB, contact our TB Program at (330) 270-2855 ext. 120.



PROJECT DAWN

Mahoning County has ranked 18th in the state for the number of unintentional drug overdose deaths in 2020 (n=131). For 2021, our county had 163 overdose deaths with 90% of those deaths associated with fentanyl. Males, specifically white males, have consistently been impacted more with overdose deaths each year. Mahoning County Public Health has implemented the county’s Project DAWN program since 2015. Project DAWN is a network of Ohio-based drug overdose education and Narcan distribution programs. Narcan, also known as naloxone, is a medication that can block the effect of opioids, like fentanyl, and reverse an overdose. Mahoning County Public Health’s Project DAWN Program provides take-home Narcan kits to community members, free of charge. Our program has progressively increased community Narcan distribution every year since its inception from 7 in 2015 to 803 in calendar year 2022. For more information or to obtain a Narcan kit, please visit our website at mahoninghealth.org/project-dawn or call 330-270-2855 ext. 125.

**Mahoning County townships, villages, and cities of Canfield, Campbell and Struthers
(does not include Youngstown City)**

Brucellosis	0	Lyme Disease	44
Campylobacteriosis	7	Meningitis-Aseptic/Viral	6
Chickungunya	0	Meningitis- Bacterial (Other)	2
Chlamydia Infection	431	Meningococcal Disease (N. Mening)	0
COVID-19	17,300	MIS-C associated w/COVID	4
CP-CRE	27	Monkeypox	3
Cryptosporidium	13	Pertussis	2
Ecoli (non O157) shixa toxin	4	Rocky Mountain Spotted Fever	1
Giardia	3	Salmonella	18
Gonococcal Infection	217	Shigella	8
Haemophilus Influenza	7	Streptococcal-Group A invasive	12
Hepatitis A	8	Streptococcal-Group B-Newborn	1
Hepatitis B Acute	2	Streptococcal Pneumoniae	19
Hepatitis B Chronic	32	Varicella	2
Hepatitis C Chronic	102	Vibriosis	1
Influenza-associated hospitalizations	138	West Nile Virus	1
Legionella	5	Yersinia	1
Listeria	0		

LEADING CAUSES OF DEATH 2021 (Preliminary)

Number and Average Age-Adjusted Death Rates per 100,000

CAUSE of DEATH	MAHONING COUNTY		OHIO	
	Number	Rate	Number	Rate
Diseases of the Heart	901	240.3	30,566	196.6
Cancer	564	156.4	25,054	160.1
COVID	458	133.7	18,277	119.9
Unintentional Injuries	248	110.7	9,919	81.7
Alzheimer's Disease	141	34.5	4,947	31.7
Chronic Lower Respiratory Disease	121	32.7	6,432	40.6
Stroke	127	33.9	7,238	46.5
Diabetes	99	27.5	4,458	29.0
Dieases of the Kidneys	42	11.2	2,293	14.8
Septicemia	62	17.7	2,047	13.2

NURSING & COMMUNITY HEALTH	Infectious Disease Follow-ups	18,456
	Immunizations Administered - Adults	591
	Hours of Case Management for Medically Handicapped Children	378
	Immunizations Administered - Children	1,329
	Flu Immunizations Administered	1,421
	Flu Clinics Held	39
	Tobacco Cessation Program Participants	8
	TB skin tests administered	707
	Wellness Class Participants	9
	Pack-n-Plays Distributed through the Crib for Kids Program	345
	Naloxone Kits Distributed through Project DAWN	803
	Naloxone Kits Distributed to First Responders	311
	Number of Overdose Reversals/Lives Saved with Naloxone	134
ENVIRONMENTAL HEALTH & LABORATORY	Lead Abatement/Interim Control Clearance	17
	Lead Inspection/Risk Assessment	23
	Private Water Well Inspections and Samples	113
	School/Playground Inspections	117
	Pools, Spas, Camps, and Bathing Beach Inspections	184
	Plumbing/Downspouts Inspections	1,484
	Landfill Inspections/Sampling	192
	Food Program Inspections/Sampling	2,361
	Sewage Program Inspections/Sampling	1,286
	Real Estate Transfers - Sewage and Well Inspections/Sampling	2,071
	Potential Rabies Exposures Due to Animal Bites	151
	Rabies Specimens	30
	Positive Rabies Results from Specimens	4
	Nuisance Complaints Investigated	111
	Tattoo Registrations	84
	Tattoo Establishments Permitted	24
	Environmental Laboratory Tests Conducted	25,100
	Shale Testing	4
	Lead Testing	2,750
	Spore Tests from Tattoo Parlors	304
Microbiological Samples	5,187	
Groundwater Monitoring Samples	232	
HUB	At-Risk Pregnant Women Enrolled in the HUB	186
	% of HUB Births Full Term and Healthy Weight	78.3
	Number of Pathways Initiated	3,699
WIC	Number of WIC Clients Served	3,638

CONTACT INFO

MAIN OFFICE

MAHONING COUNTY PUBLIC HEALTH

50 Westchester Drive | Youngstown, OH 44515

330-270-2855 | Toll-Free in Mahoning County 1-800-873-MCHD

DIVISIONS LOCATED IN THE 50 WESTCHESTER DRIVE BUILDING

Environmental Health

Finance and Human Resources

Health Commissioner

Health Equity, Strategies and Initiatives

Nursing and Community Health

ENVIRONMENTAL LABORATORY

116 Westchester Drive

Youngstown, OH 44515

330-270-2841

MAHONING VALLEY PATHWAYS HUB

100 Westchester Drive

Youngstown, OH 44515

330-270-2855

WIC CLINICS

AUSTINTOWN

98 Westchester Drive

Youngstown, OH 44515

330-792-2397

GOSHEN

14003 West South Range Road

Salem, OH 44460

330-507-9290

BOARDMAN

3910 Hillman Way

Boardman, OH 44512

330-788-1485

YOUNGSTOWN

345 Oak Hill Ave

Youngstown, OH 44502

234-855-1575



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