

# ACCREDITATION AT WORK



ANNUAL REPORT  
**2023**



***District Health  
Department #10***  
Healthy People, Healthy Communities





# A MESSAGE TO YOU

On behalf of District Health Department #10, we are pleased to provide you with the 2023 Annual Report, *Accreditation at Work*, highlighting the accomplishments of achieving reaccreditation status through the National Public Health Accreditation Board and finalizing a strategic plan to guide improvements over the next three years. Maintaining PHAB accreditation is evidence of the high-quality work DHD#10 is doing based on nationally established standards and measures for public health.

Essential Local Public Health Services, which are mandated under the Michigan Public Health Code (p.3), are only part of the services DHD#10 provides to improve the health status of our communities. For example, a significant amount of programming is directed toward improving maternal and child health outcomes across our 10-county service area through WIC, various home visiting programs, reproductive health programming and child and adolescent health centers in partnership with local school district partners. In addition, we collaborate with community and health system stakeholders across the region to address the social determinants of health – or “root causes” of poor health outcomes – by supporting and facilitating the work of the Community Health Innovation Regions, promoting systems change at the organizational and community level, and providing assistance in navigating community resources through the use of Community Health Workers through our Community Connections HUB.

Moving into 2024, we are committed to our vision of healthy people, healthy communities through our task of developing and maintaining our community's health with our foundational, mandated, and accredited work. We remain committed to accomplishing the vision of Public Health 3.0, while also achieving the Three Core Functions and 10 Essential Services of Public Health Strategies that have positioned DHD#10 to be recognized as a Chief Health Strategist. DHD#10 is making accreditation work for our communities through our commitment to population health and the social determinants of health, empowering our residents to live safe and healthy lives!



**KEVIN HUGHES, MA**  
HEALTH OFFICER



**JENNIFER MORSE, MD, MPH, FAFP**  
MEDICAL DIRECTOR

# OUR LEADERSHIP

- Health Officer**  
Kevin Hughes, MA
- Medical Director**  
Jennifer Morse, MD, MPH, FAFP
- Deputy Health Officer**  
Sarah Oleniczak, MPH, MCHES®
- Administrative Services Director**  
Christine Lopez, MBA
- Community Health Director**  
Christy Rivette, MS, CHES®
- Environmental Health Director**  
Max Bjorkman, REHS
- Family Health WIC Director**  
Anne Bianchi, MS, RD
- Family Health Clinical Director**  
Sheila Parker, RN, BSN
- Family Health Home Visiting Director**  
Britney Wright, RN, MSN
- School Health Director**  
Katy Bies, BS

# BOARD OF HEALTH

- |                  |                         |
|------------------|-------------------------|
| <b>Crawford</b>  | Phil Lewis              |
| <b>Kalkaska</b>  | Dorothy Frederick       |
|                  | Robert Baldwin          |
|                  | Personnel Committee     |
|                  | James Sweet             |
| <b>Lake</b>      | Dawn Fuller             |
|                  | Kristine Raymond        |
| <b>Manistee</b>  | Jeffrey Dontz           |
|                  | Richard Schmidt         |
|                  | Chair                   |
| <b>Mason</b>     | Ron Bacon               |
|                  | Secretary               |
|                  | Nick Krieger            |
| <b>Mecosta</b>   | Tom O’Neil              |
|                  | Ray Steinke             |
|                  | Vice Chair              |
| <b>Missaukee</b> | Roger Ouwinga           |
|                  | Star Hughston           |
| <b>Newaygo</b>   | Bryan Kolk              |
|                  | Finance Committee Chair |
|                  | Jim Maike               |
| <b>Oceana</b>    | Robert Walker           |
|                  | Paul Erickson           |
| <b>Wexford</b>   | Julie Theobald          |
|                  | Gary L. Taylor          |



# MISSION

To promote and enhance the health of our communities and environment through protection, prevention, and intervention

# VISION

Healthy People,  
Healthy Communities

# VALUES

Integrity  
Responsibility  
Accountability  
Customer Service  
Positive Attitude  
Communication



**District Health  
Department #10**

*Healthy People, Healthy Communities*

COUNTIES  
SERVED **10**

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SQUARE  
MILES **5,796**

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POPULATION  
SERVED **266,951**

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SOCIAL MEDIA  
REACH **315K**

FOLLOWERS **9.3K**  
CLICKS **24K**

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EMPLOYEES **272**

NEW **39**  
FULL TIME **190**  
PART TIME **43**

## DHD#10 IS A GREAT PLACE TO WORK

During a recent interview, an applicant was asked why they applied to DHD#10 and they said that they had met some of our staff at a meeting in the community and they really seemed enthusiastic and happy about their job, and that they want to work in a place like that.



BELOW IS A QUICK GLIMPSE OF  
OUR IMPACT IN NUMBERS.

# 2023 SNAPSHOT

220+

REVENUE SOURCES

311

RADON KITS DISTRIBUTED

484

TEMPORARY FOOD  
BOOTH INSPECTIONS

1,314

FAMILIES ASSISTED THROUGH  
HOME VISITING

1,444

COMPLETED COMMUNITY  
CONNECTIONS PATHWAYS

1,693

COMMUNITY CONNECTIONS  
CLIENTS

2,174

BREASTFEEDING PEER  
COUNSELING SERVICES

2,210

MATERNAL HOME VISITS

3,392

WELL & SEPTIC  
PERMITS ISSUED

4,297

PRESCRIPTION FOR  
HEALTH CLIENTS

5,409

INFLUENZA VACCINES  
GIVEN

7,652

AVERAGE MONTHLY  
WIC ENROLLMENT

18,116

HEARING & VISION  
SCREENINGS

## 8 MANDATED ESSENTIAL PUBLIC HEALTH SERVICES



FOOD  
PROTECTION



PRIVATE GROUNDWATER  
PUBLIC WATER SUPPLY



ON-SITE SEWAGE  
DISPOSAL



INFECTIOUS DISEASE  
CONTROL



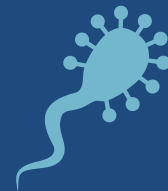
IMMUNIZATIONS



VISION  
SERVICES



HEARING  
SCREENING



STD CONTROL  
& PREVENTION



BELOW ARE REAL STORIES FROM REAL PEOPLE  
IN OUR COMMUNITIES.

# PHAB-ULOUS RESULTS STORIES FROM THE FIELD



## HEALTHY FAMILIES AMERICA

Last year, an HFA mom requested a home visitor meet her at a local motel instead of the home. Thinking the mom needed a break, the home visitor obliged. The mom was in an arm sling with bruises covering her, with a look of concern. After entering, the mom told the home visitor that the father of her child had slammed her to the pavement and assaulted her, resulting in an ER visit and follow-up appointments with specialists to assess her injuries. With no money, the mom was staying in the motel with support from family. The home visitor connected the mom with COVE and was able to help the mom obtain a PPO and housing.

On a return visit, that same HFA mom spoke out helping a fellow co-worker out in an emergency domestic violence situation. The co-worker was at home, and called into work to place a food order – but also placed a call for help – all while the assault was taking place. Employees of the restaurant temporarily closed the restaurant and called for help. Those same employees then put the co-worker in touch with the HFA mom, who referred her to the health department and COVE. Not only was the HFA and home visiting program able to help one mom get connected with valuable resources, but they enabled the HFA mom to also be a resource for other community members, creating a ripple effect within the community!

## WOMEN, INFANTS & CHILDREN

WIC recently saw success with our regular hemoglobin screenings. At a WIC appointment, one of our clients tested well below normal limits for hemoglobin. WIC staff followed procedure and did a confirmatory re-test and notified the client's primary care provider.



WIC checks hemoglobin levels on almost all clients depending on their stage of life. It's an indirect measure of iron in the body. Iron is required to help move oxygen around the body. When someone has a hemoglobin that is well below normal limits, it is an indication of a problem usually with low iron intake from foods, low iron absorption due to digestive issues, or loss of iron because of loss of blood. It could also indicate that someone has a condition that requires more iron.

During the rest of the WIC appointment, WIC staff discussed nutrition that could help with low hemoglobin levels. The client was confused since all the foods that were discussed were regulars in the client's diet. WIC staff and the client agreed that further testing from the PCP would help figure out the cause.

A few weeks later, the client called our WIC office to update us on the PCP's follow up. The PCP did more testing and was able to determine that the client had a food allergy no one had yet been aware of, since it was not causing overt and obvious symptoms. The client further thanked the WIC staff for the screening and education that helped catch this issue, likely way before typical routine care at the doctor's office would have caught it. If this had gone unnoticed in a pregnant woman, it would cause severe anemia in her baby which will interfere with development. It also causes developmental issues in infants and toddlers and can be the cause of frequent infections, fatigue, and mood and behavior issues.

# YOUTH ADVISORY COUNCIL TESTIMONIALS

"WHY IS HAVING A SCHOOL-BASED HEALTH CENTER IMPORTANT TO YOU?"

"positive impact on academic performance and overall well-being"

"promote physical fitness and health, [and] mental and emotional well-being"

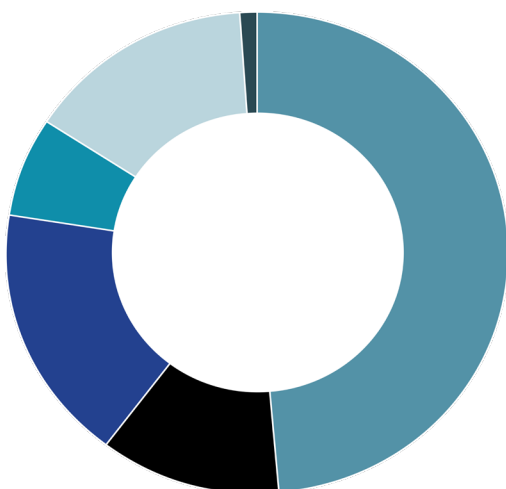
"can get a sports physical when I can't get into my doctor"

"easy access for my friends who don't have a doctor"

"easy access [to] services we trust"

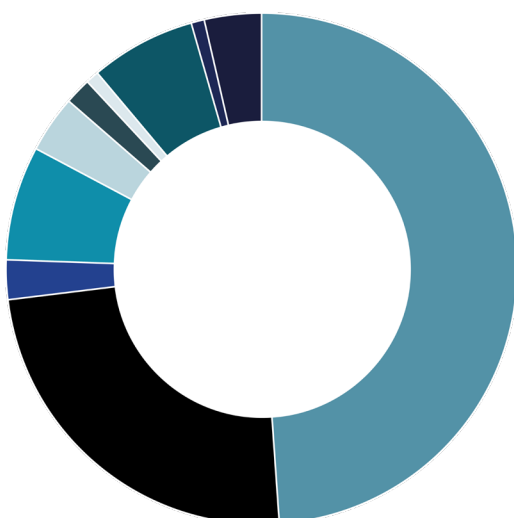


# ADMINISTRATIVE SERVICES



**REVENUES = \$25,440,724**

48.77%	State/Federal Funding
11.69%	County Appropriations & Space
17.06%	Billing Income/Fees
6.91%	Essential Local Public Health Services
14.53%	Other Grants/Contracts
1.02%	MCDC/Other Services



**EXPENDITURES = \$24,423,205**

48.96%	Wages
24.19%	Fringes
2.51%	Travel
7.15%	Supplies
3.77%	Contractual
1.53%	Communications
1.04%	Capital Outlay
6.59%	Space
0.86%	MCDC/Other Services
3.39	Other: Maintenance, Education/Training, Liability Insurance, Printing/Publishing

## Administrative Services

- 39 New Employees
- 27 Employees retired/left the agency
- Implemented new HR/Payroll System
- Implemented New General Ledger Software

## Administration Updates

- Achieved National Accreditation through the Public Health Accreditation Board
- Completed Strategic Planning to guide the next three years
- Completed a comprehensive Compensation Study to support public health workforce
- Launched Employee Wellbeing Initiative
- Created and distributed 77 PRs and 1005 Social Media Posts

## Regional Planning Department

- Substance Use Stigma Assessment Response Grant: The project's Stigma Assessment data was selected to be published in the *Frontiers in Psychiatry* journal
- Completed three regional Community Health Improvement Plans (CHIP) as part of the Community Health Innovation Region (CHIR) backbone support staff
- Secured 8 regional collaborative grants and over \$1million to support the regional CHIPs and/or CHIR initiatives



# STRATEGIC PLANNING

## PHAB REACCREDITATION

DHD#10 completed its re-accreditation application to the Public Health Accreditation Board (PHAB) this past year and was awarded national accreditation through PHAB in November 2023. This effort included extensive documentation of how the agency meets conformity to the Standards and Measures established by PHAB and was inclusive of 12 Domains, 21 Standards, and 90 Measures for a combined 117 documents submitted for review.



PHAB assesses a health department's capacity to carry out the 10 Essential Public Health Services and its Foundational Capabilities. PHAB accreditation recognizes conformity to national standards for local public health work and demonstrates an ongoing commitment to quality and performance improvement.

In 2015, DHD#10 was the third health department in Michigan to receive national accreditation and with achievement of reaccreditation, is now one of only eight PHAB accredited health departments in the state.

"Health departments are the backbone of the public health system. The public health system is essential for ensuring healthy, safe, and equitable communities. Health departments are a vital part of this system, and positively impact the health of the communities they serve, through essential services such as vaccination, food inspections and health education, yet they are often underfunded and undervalued." – PHAB

## STRATEGIC PLAN



DHD#10 completed strategic planning to guide the direction and focus of our organization over the next three years. The DHD#10 plan represents a dynamic, ongoing work in progress for moving the agency into the future to meet our vision and carry out our mission. Responsibility for achieving the goals, objectives and strategies included in the plan will fall on each member of the DHD#10 team. This plan will contain the objectives and strategies necessary to demonstrate our commitment to quality, leadership, advocacy, and responsiveness towards improving the health of our residents and communities.

- Engaging and Empowering Staff
- Enhancing Community Involvement
- Restructuring Services to Enhance Overall Value
- Capitalizing on Opportunities for Advocacy and Education
- Reformatting Public Health

## COMMUNITY HEALTH IMPROVEMENT PLAN



MiThrive, as part of the Northern Michigan Community Health Innovation Region, envisions a community where all individuals have the opportunity to live healthy lives in equitable and supportive environments. MiThrive's mission is to enhance the well-being of our population by improving population health, increasing health equity, and reducing unnecessary medical expenses through collaborative partnerships and transformative systems change. To support this mission, three regional Community Health Improvement Plans (CHIP) were developed in 2023.

Together with MiThrive, and the CHIPs, we strive to create a future where everyone has the resources and opportunities needed to achieve optimal health and well-being.



See more about the CHIR [here!](#)

# PUBLIC HEALTH DATA

The following is an in-depth view of the health of residents within the jurisdiction of District Health Department #10. This information also highlights data related to the programming and services provided to residents in our communities. These data sets are used to tell the story of each county's health status. DHD#10 continuously collects and analyzes data to identify the burden of disease and examine the overall health of the 10-county population. DHD#10 uses this data to ensure that programs and services are meeting the needs of clients and the communities served.

## LEADING CAUSES OF DEATH

	DHD#10 Number of Deaths	DHD#10 Age-Adjusted Death Rate per 100,000	Michigan Age-Adjusted Death Rate per 100,000
Heart Disease	796	194.7	205.4
Cancer	744	173.4	153.9
Accidents	218	69.5	59.2
Chronic Lower Respiratory	244	56.1	38.3
Stroke	184	45.8	44
Alzheimer's Disease	148	37.7	32.4
COVID-19	159	39.4	45
Diabetes Mellitus	114	28.7	25.6
Kidney Disease	41	10.4	15.8
Cirrhosis	62	19.3	13.7

MDHHS, 2022 <https://www.mdch.state.mi.us/osr/chi/profiles/frame.html>

## COMMUNITY HEALTH INDICATORS

	Crawford	Kalkaska	Lake	Manistee	Mason	Mecosta	Missaukee	Newaygo	Oceana	Wexford	Michigan
Total Population 2022 <sup>2</sup>	13,491	18,182	12,594	25,287	29,409	40,720	15,213	50,886	26,973	34,196	10,034,113
# of Births 2022 <sup>1</sup>	112	178	93	167	233	415	161	526	254	342	100,880
Birth Rate per 1,000 2022 <sup>1</sup>	8.3	9.8	7.4	6.6	7.9	10.2	10.6	10.3	9.4	10	10.1
# of Deaths 2021*	234	252	191	373	442	475	203	650	330	494	117,756
AA Death Rate per 100,000 2021* <sup>1</sup>	949.6 +/- 131.9	1056.2 +/- 136.9	1000.5 +/- 165.5	891.0 +/- 97.8	916.6 +/- 91.9	852.9 +/- 80.3	936.9 +/- 134.5	982.5 +/- 78.7	853.9 +/- 96.8	1070.5 +/- 98.1	915.8 +/- 5.4
Cancer Mortality Age Adjusted Rate per 100,000 2021* <sup>1</sup>	180.6 +/- 23.1	213.7 +/- 22.2	188.0 +/- 23.3	176.8 +/- 16.4	167.6 +/- 15.7	190.3 +/- 15.1	156.8 +/- 21.5	165.5 +/- 12.7	153.8 +/- 15.7	163.1 +/- 15.3	159.7 +/- 2.0
Cardiovascular Disease Mortality Age Adjusted Rate per 100,000 2021* <sup>1</sup>	203.3 +/- 34.0	245.3 +/- 37.7	186.1 +/- 37.1	184.9 +/- 23.9	178.7 +/- 22.3	200.7 +/- 22.4	212.0 +/- 36.4	184.3 +/- 19.3	176.1 +/- 24.5	187.1 +/- 23.0	201.0 +/- 2.5
Median Household Income 2022 <sup>2</sup>	\$54,240	\$50,363	\$40,753	\$54,428	\$55,035	\$48,440	\$50,695	\$54,235	\$56,454	\$54,114	\$68,505
% of Persons Below Poverty 2021 <sup>2</sup>	14.1%	12.3%	22.9%	13.0%	10.2%	20.4%	13.3%	13.3%	16.2%	12.8%	13.4%
Medicaid Paid Births 2022 <sup>3</sup>	50.0%	47.9%	59.3%	43.3%	53.5%	41.7%	46.1%	43.3%	22.1%	51.2%	39.9%
Teen Pregnancy Rate per 1,000 2021 <sup>1</sup>	32.6	24.8	-	25.6	28.3	18.8	13.9	21.3	35.2	31.6	21.9
Smoked While Pregnant 2021 <sup>3</sup>	29.6%	28.1%	36.1%	23.9%	17.6%	21.7%	19.7%	19.4%	18.6%	24.1%	13.1%

1=MDCH, 2=US Census Bureau, 3= MLPP. \* Total # of Deaths, age-adjusted death rate, and cardiovascular (heart disease) mortality was not updated at time of collection and still reflects data from 2021. NOTE: All cause death age adjusted rate is a single year rate per 100,000 using the standard population for the year 2000. Cancer and Cardiovascular mortality rates are 3 year moving averages (2019-2021) per 100,000 using the standard population for the year 2000. Birth related rates are per 1,000 using the standard population for the year 2020.

# COMMUNICABLE DISEASE REPORTING

DISEASE	Crawford	Kalkaska	Lake	Manistee	Mason	Mecosta	Missaukee	Newaygo	Oceana	Wexford	Total
Chlamydia	23	33	20	29	61	133	29	117	20	78	583
Hepatitis C Chronic	4	3	1	9	9	16	3	16	7	12	80
Campylobacter	5	5	3	4	3	7	6	16	10	7	66
Chicken Pox	0	0	1	2	1	0	0	9	0	0	13
Salmonellosis	0	8	1	3	5	6	3	10	2	6	44
Gonorrhea	0	4	2	5	4	34	4	20	16	14	103
Streptococcal*	6	6	1	3	10	8	3	13	6	14	70
Shiga Toxin E coli	0	0	0	1	2	4	2	1	0	0	10
Giardia	1	1	0	0	7	4	1	2	1	1	18
Pertussis	0	0	4	0	0	0	0	1	0	1	6
Novel Coronavirus COVID-19	281	415	324	643	778	817	297	1,193	803	699	6,250

\*included Streptococcal Dis Inv, GRP A and Streptococcus pneumonia inv. Michigan Disease Surveillance System (MDSS), October 1, 2022 - September 30, 2023

## COMMUNICABLE DISEASE TRENDING DATA

**Chlamydia** continues to be our most reported communicable disease. Likewise, it is the most common disease reported in Michigan. Cases declined from 2019 through 2022 and remained stable from 2022 to 2023 with 583 cases. This decline in cases occurred in both our jurisdiction and the state of Michigan.

**Gonorrhea** cases have seen a mostly increasing trend over the last decade. Cases have increased by 12% over the last 5 years.

**Chronic Hepatitis C** will continue to be a major health problem. Our reported cases have shown a 5-year average decreasing trend of 18.6% per year. This is likely due to changes in diagnostic criteria and more accurate diagnoses, which utilize RNA testing for virus confirmation.

**Salmonella** continues to be one of our primary food borne illnesses, with an increasing 5-year average trend of 9.5% per year. At least one foodborne case occurred in Newaygo this year.

**Campylobacter** is our most reported bacterial gastrointestinal disease this fiscal year. CDC estimates that it affects at least 1.5 million people a year in the US. The 5-year average trend for this disease is a decrease of 16.6% per year.

**Pertussis** - There have been no pertussis cases reported in our jurisdiction for the last 2 years. Pertussis cases vary widely year-to-year due to periodic outbreaks, mainly in groups of unimmunized persons. Vaccination is the most effective means to prevent this disease and varicella (chicken pox) disease as well.

**Shiga Toxin E coli** cases increased this year with 10 reported. This disease can be severe, especially in children.

**Hepatitis A** there have been no reported cases for the past 2 fiscal years. This virus is of public health concern as it is highly contagious and spreads easily through close personal contact or from eating contaminated food or drink. While vaccine preventable and most people recover completely without lasting damage, in some cases it can lead to liver failure and even death.

**Lyme Disease** is endemic in the counties along the Lake Michigan shoreline. Cases more than doubled when comparing this fiscal year to last with 31 cases in fiscal year 2022 and 74 in 2023. Cases this fiscal year were primarily in Manistee (19), Mason (16), Newaygo (15), and Mecosta Counties (14).

### Additional comments:

COVID-19 continues to be the predominately reported communicable disease this fiscal year. While the number of cases being reported has decreased significantly it is important to acknowledge that reporting requirements have changed following the end of the public health emergency declaration, resulting in fewer cases being reported. In addition, the availability of at-home antigen testing has greatly reduced the number of cases being reported. Even though some diseases (such as TB and Meningococcal Meningitis) occur quite rarely, and do not appear on this list, they can create a large amount of work for our staff given the right circumstances. Therefore, the large numbers of certain diseases (e.g., Chlamydia; Chronic Hepatitis C) do not always properly tell the story of how much effort is required to investigate some of these diseases.

DISEASE	2022-2023	2021-2022	2020-2021	2019-2020
Chlamydia	583	582	607	617
Hepatitis C (chronic)	80	75	87	86
Campylobacter	66	27	39	35
Chicken Pox	13	2	2	5
Salmonellosis	43	43	28	35
Gonorrhea	103	98	192	127
Streptococcal Diseases	70	34	21	30
Shiga Toxin E coli	10	7	9	5
Giardia	18	9	18	11
Pertussis	6	5	0	9
Hepatitis A	0	0	12	1
Lyme Disease	74	45	23	13

# ACCESS TO DHD#10 HEALTH SERVICES

	Crawford	Kalkaska	Lake	Manistee	Mason	Mecosta	Missaukee	Newaygo	Oceana	Wexford	Total
<b>Maternal Infant Health Program (MIHP)</b>											
Maternal Clients	63	36	38	21	31	82	30	163	75	65	<b>604</b>
Maternal Visits	280	144	117	101	87	299	152	329	367	334	<b>2,210</b>
Infant Clients	84	72	55	32	34	127	33	133	129	131	<b>830</b>
Infant Visits	308	442	347	221	163	450	181	767	608	928	<b>4,415</b>
<b>Healthy Futures</b>											
Home Visits	18	11	33	15	4	4	12	0	1	28	<b>126</b>
Phone Visits	83	71	36	22	6	12	52	1	2	111	<b>396</b>
<b>Healthy Families</b>											
Clients Served	13	11	23	15	N/A	N/A	9	N/A	N/A	12	<b>83</b>
Home Visits	223	249	343	221	N/A	N/A	133	N/A	N/A	145	<b>1,314</b>
<b>Children's Special Health Care Service</b>											
Children Served	55	70	50	81	131	255	70	352	110	183	<b>1,357</b>
Services Provided	30	47	32	36	63	211	69	152	82	92	<b>814</b>
<b>Women, Infants, and Children (WIC)</b>											
Average Monthly Enrollment	392	460	298	461	596	1,266	355	1,927	769	1,128	<b>7,652</b>
% Return Rate	96%	97%	97%	97%	95%	97%	96%	97%	95%	97%	<b>96%</b>
PROJECT FRESH Distributed	194	289	167	250	333	500	207	980	413	534	<b>3,867</b>
Value of PROJECT FRESH coupons	6,210	8,670	5,010	7,500	9,990	15,000	6,210	29,500	12,390	16,020	<b>\$116,400</b>
Child Lead Screenings	69	51	39	18	53	111	69	168	93	178	<b>849</b>
Dental Services (Fluoride & Oral Screenings)	0	0	30	6	20	16	0	14	2	2	<b>90</b>
Breastfeeding Peer Counselor Services	123	175	89	119	168	415	105	480	176	324	<b>2,174</b>
<b>Family Planning Services</b>											
Clients Served	23	34	11	48	133	94	40	77	121	166	<b>747</b>
Services Provided	45	66	14	86	168	168	106	162	268	279	<b>1,362</b>
<b>WISEWOMAN Program</b>											
# Clients	0	1	0	1	7	8	0	10	9	20	<b>56</b>
<b>Cancer Screening Programs</b>											
Breast & Cervical Clients	5	4	2	8	28	16	8	33	96	27	<b>241</b>
<b>Dental Health - services provided in partnership with Dental Health Centers (DHC)</b>											
School Screenings	45	2	18	32	24	32	27	67	83	115	<b>445</b>
<b>Community Connections HUB</b>											
Referrals	101	179	62	302	95	181	154	122	82	415	<b>1,693</b>
Assistance Pathways	75	93	76	322	74	170	52	125	54	403	<b>1,444</b>



# ESSENTIAL LOCAL PUBLIC HEALTH SERVICES

	Crawford	Kalkaska	Lake	Manistee	Mason	Mecosta	Missaukee	Newaygo	Oceana	Wexford	Total
<b>Onsite Sewage</b>											
Septic Permits	88	167	185	221	138	255	86	288	206	125	<b>1,759</b>
Septic Failures	14	27	44	26	18	42	23	43	77	42	<b>357</b>
<b>Water Program</b>											
Well Permits	72	61	60	171	191	200	60	221	130	180	<b>1,350</b>
Well Inspections	75	202	268	201	148	286	111	399	216	162	<b>2,068</b>
<b>Food Service</b>											
Food Operation Inspections	76	61	60	171	191	200	60	221	130	180	<b>1,350</b>
Temp Food Booth Inspections	7	16	50	65	41	42	25	27	168	43	<b>484</b>
Reported Food Borne Illness	2	3	1	2	4	4	0	3	5	5	<b>29</b>
<b>Immunizations Given</b>											
Vaccines	431	278	121	478	950	795	334	253	620	705	<b>4,965</b>
Influenza Vaccines	445	401	270	605	750	619	385	430	851	653	<b>5,409</b>
COVID-19 Vaccines	457	442	312	831	784	571	455	499	1,034	634	<b>6,019</b>
<b>Communicable Disease</b>											
TB Skin Tests Given	55	28	33	93	233	193	74	143	80	201	<b>1,133</b>
TB Patients on Prophylaxis	0	1	0	0	1	5	1	6	7	1	<b>22</b>
<b>STI Services</b>											
STI Clients	11	7	5	15	61	67	15	23	51	83	<b>338</b>
STI Clinic Services	14	9	5	18	75	77	20	29	67	100	<b>414</b>
<b>Hearing Screenings</b>											
Preschool Hearing Screenings	150	86	33	59	246	358	30	303	247	142	<b>1,654</b>
School Hearing Screenings	342	444	104	476	602	864	526	1,283	217	826	<b>5,684</b>
<b>Vision Screenings</b>											
Preschool Vision Screenings	147	84	17	56	281	513	27	260	284	68	<b>1,737</b>
School Vision Screenings	258	360	166	545	445	920	516	1506	729	952	<b>6,397</b>

# ENVIRONMENTAL HEALTH SERVICES

	Crawford	Kalkaska	Lake	Manistee	Mason	Mecosta	Missaukee	Newaygo	Oceana	Wexford	Total
Radon Kits Distributed	35	27	40	85	29	40	13	20	21	1	<b>311</b>
Soil Evaluations	1	12	10	14	15	37	0	26	15	14	<b>144</b>
Mortgage Evaluations	2	7	33	0	6	9	1	31	12	5	<b>106</b>
Building Permit Approvals	2	37	44	14	31	43	5	59	128	8	<b>371</b>
Complaints (all)	3	13	16	8	18	46	6	36	21	17	<b>184</b>
Child Care Inspections	1	12	0	4	28	14	12	20	21	1	<b>113</b>
Campground Inspections	29	11	27	21	22	21	10	30	22	23	<b>227</b>
Swimming Pool Inspections	9	6	5	22	47	21	0	12	38	20	<b>180</b>
Type II Sanitary Surveys	24	12	15	16	13	34	8	27	15	16	<b>180</b>
Tanning Inspections	0	0	0	1	1	5	0	7	0	4	<b>18</b>
Animal Bites/ Exposures	14	29	13	58	61	45	50	123	73	118	<b>584</b>
Long Term Ground Water Monitoring	0	0	3	8	4	0	4	2	16	21	<b>58</b>
Septage Truck/ Field Inspections	7	0	0	7	9	11	7	21	6	3	<b>71</b>
Body Art Inspections	0	1	0	2	3	1	0	4	1	7	<b>19</b>
Harmful Algal Blooms	0	0	0	0	1	1	0	2	0	2	<b>6</b>



# 2023 COMMUNITY PARTNERS

DHD#10 recognizes all of the partnerships and support we receive from numerous outside agencies. With so much cross-jurisdictional sharing, partnerships, and support, we are able to continue offering unique programming and comprehensive public health services to our entire 10-county jurisdiction.

Bear Lake Schools  
Cadillac Area Public Schools  
Chippewa Hills School District  
Corewell Health: Big Rapids, Gerber Memorial, and Ludington Hospitals  
Crawford Ausable School District  
Dental Clinics North  
Family Health Care  
Ferris State University  
Fremont Area Community Foundation  
Great Start Collaborative  
Hart Public Schools  
Kaleva Norman Dickson Public Schools  
Lake City Public Schools  
Ludington Area Schools  
Manton Consolidated Schools  
Mason County Eastern Schools  
McBain Rural Agricultural Schools  
Mesick Consolidated Schools  
Michigan State University Extension  
Morley Stanwood Community Schools  
Munson Healthcare  
My Community Dental Centers  
Northern Michigan Community Health Innovation Regions  
Northern Michigan Public Health Alliance  
Northwest Michigan Chronic Disease Prevention Coalition  
Pentwater Public Schools  
Shelby Public Schools  
Trinity Health Lakeshore  
United Way of Mason County  
West Shore Educational Services District

*We thank you!*



Thank you DHD#10, Peterson Farms, Meridian Healthcare, and Molina Healthcare staff for supporting our Ready, Set, Go! School Readiness Clinics! In 2023, we were able to see 499 kids and provide them with 154 dental and 270 hearing and vision screenings, as well as 76 immunizations! With your support, these kids were able to get a healthy start to their school year!





**CRAWFORD COUNTY**  
501 Norway St., Ste. 1  
Grayling, MI 49738  
989-348-7800

**KALKASKA COUNTY**  
625 Courthouse Dr.  
Kalkaska, MI 49646  
231-258-8669

**LAKE COUNTY**  
5681 S. M-37  
Baldwin, MI 49304  
231-745-4663

**MANISTEE COUNTY**  
385 Third St.  
Manistee, MI 49660  
231-723-3595

**MASON COUNTY**  
916 Diana St.  
Ludington, MI 49431  
231-845-7381

**MECOSTA COUNTY**  
14485 Northland Dr.  
Big Rapids, MI 49307  
231-592-0130

**MISSAUKEE COUNTY**  
6180 W. Sanborn Rd. Ste. 1  
Lake City, MI 49651  
231-839-7167

**NEWAYGO COUNTY**  
1049 Newell St.  
White Cloud, MI 49349  
231-689-7300

**OCEANA COUNTY**  
3986 N Oceana Dr.  
Hart, MI 49420  
231-873-2193

**WEXFORD COUNTY**  
521 Cobb St.  
Cadillac, MI 49601  
231-775-9942



**District Health  
Department #10**  
Healthy People, Healthy Communities



[WWW.DHD10.ORG](http://WWW.DHD10.ORG)

