



**BOARD OF HEALTH**

**Monthly Meeting: April 26, 2024, 9:30 a.m.**

521 Cobb St, Cadillac, MI

---

**A G E N D A**

- I. Call to Order**.....Richard Schmidt, Chair
- II. Roll Call**
- III. Review and Approval of the Agenda**
- IV. Review and Approval of Board of Health Meeting Minutes**..... March 22, 2024
- V. Public Comment**
- VI. Committee Reports**
  - A. Executive Committee.....Richard Schmidt
  - B. Finance Committee.....Bryan Kolk
    - 1. *Finance Report*
    - 2. *Approve Accounts Payable and Payroll* .....Action Item
  - C. Personnel Committee.....Bob Baldwin
  - D. Legislative Committee.....Nick Krieger
- VII. Division Reports**
  - A. Community Health.....Christy Rivette
  - B. Environmental Health.....Max Bjorkman
  - C. Family Health Clinical.....Sheila Parker
  - D. Family Health Home Visiting.....Britney Wright
  - E. Family Health WIC.....Anne Bianchi
  - F. School Health.....Katy Bies

**VIII. Administration Reports**

- A. Medical Director.....Dr. Jennifer Morse, MD
- B. Deputy Health Officer.....Sarah Oleniczak
- C. Health Officer..... Kevin Hughes

**IX. Other Business**

**X. Next Board of Health Meeting:** May 31, 2024 at 9:30 a.m.

**XI. Adjournment**

# Public Comment Rules

1. At each Board of Health regular meeting that is open to the public, there shall be a public comment period. It shall be held at the beginning of the meeting following approval of the meeting agenda and previous meeting minutes.
2. Any individual desiring to make a public comment shall be requested to first state their name and address for the record.
3. An individual is limited to a three (3) minute time period for public comment. The individual is not limited to one topic.
4. An individual will not be allowed to speak more than once during the public comment period.
5. An individual may not transfer, reserve, delegate or yield any public comment time to other individuals.
6. All public comments shall be directed to and through the Chairperson of the Board of Health. Individuals shall not directly address any other member of the public, other Board of Health members or staff.





**BOARD OF HEALTH**

**Monthly Meeting: March 22, 2024, 10:00 a.m.**

521 Cobb St, Cadillac, MI

**A G E N D A**

- I. Call to Order:** Richard Schmidt, Chair, called the meeting to order at 10:00 a.m.
- II. Roll Call**

**Members Present – In Person:** *Phil Lewis, Robert Baldwin, James Sweet, Kristine Raymond, Richard Schmidt, Jeff Dontz, Ron Bacon, Tom O’Neil, Ray Steinke, Roger Ouwinga, Bryan Kolk, Jim Maike, Paul Erickson, Robert Walker, Gary Taylor*

**Staff Present - In Person:** *Kevin Hughes, Christine Lopez, Sarah Oleniczak*

**Staff Excused:** *Dr. Jennifer Morse*

**Members Excused:** *Nick Kreiger, Star Hughston, Shawn Kraycs*

**Guests:** *None*
- III. Review and Approval of the Amended Agenda:** Motion by Ray Steinke, second by Roger Ouwinga to approve the meeting agenda with review of the amended budget.

*Motion Carried*
- IV. Review and Approval of Board of Health Meeting Minutes:** Motion by Ron Bacon, second by Phil Lewis to approve the minutes of the February 23, 2024, meeting.

*Motion Carried*
- V. Public Comment:** N/A
- VI. Committee Reports**
  - A. Executive Committee** – Richard Schmidt, Committee Chair, deferred to Kevin. Kevin stated the committee did not meet and did not foresee needing to have a meeting soon.
  - B. Finance Committee** - Bryan Kolk, Committee Chair, stated committee did not meet. The audit was presented by Luke Downing of Clark Schaefer Hackett Business Advisors. The net position has increased. The agency’s fund balance is at \$7.7 million. Luke shared that the pension plan is funded at 58.3%. He stated that DHD10 is in a good position with the pension plan and to continue paying extra as has been the agency plan. Christine Lopez stated that the goal is to put in a plan for the treasury as the agency is below 60% funded based on the 2022 MERS actuarial report. Jeff Dontz questioned if we are losing ground

on Pension liability and should there be a formula for Fund Balance to catch up. Christine shared that the 2023 actuarial report will be out in June and a review will occur then. An additional \$700,000 payment was made in December 2023. Jeff Dontz suggests a target of 70% or 80%. Kevin Hughes stated that they have discussed this and talked about how to assess it going forward and how the payment should be calculated.

Kevin did share that MERS reported a 10% drop in assets valuation for 2022 and a review of the market for 2022 reported an 18% drop in market values. The agency strategy is to contribute and pay more to get unfunded liability reduced. The agency focuses on this every year. Kevin shared that he plans to come back in November with a new recommendation on an additional payment to MERS and that the Board can do more than this recommendation if that's what the decision is.

**Motion to approve the Audit:** Motion by Ron Bacon, second by Bryan Kolk to approve the audit report.

**Roll Call**

<i>Phil Lewis</i>	<i>Yes</i>	<i>Robert Baldwin</i>	<i>Yes</i>
<i>James Sweet</i>	<i>Yes</i>	<i>Kristine Raymond</i>	<i>Yes</i>
<i>Richard Schmidt</i>	<i>Yes</i>	<i>Jeff Dontz</i>	<i>Yes</i>
<i>Ron Bacon</i>	<i>Yes</i>	<i>Tom O'Neil</i>	<i>Yes</i>
<i>Ray Steinke</i>	<i>Yes</i>	<i>Roger Ouwinga</i>	<i>Yes</i>
<i>Bryan Kolk</i>	<i>Yes</i>	<i>Jim Maike</i>	<i>Yes</i>
<i>Paul Erickson</i>	<i>Yes</i>	<i>Robert Walker</i>	<i>Yes</i>
<i>Gary Taylor</i>	<i>Yes</i>		

Finance Report - Christine Lopez presented the financial report for February 29, 2024. Cash balance is \$12.2 million, total assets and liabilities of \$15.8 million, with an increase in fund balance of \$310,000. YTD total revenue \$11.4 million, and YTD expenses of \$11.1 million. The current cash Balance is \$12.8 Million. Accounts Payable & Payroll totaled \$2,129,855.19.

**Approve Accounts Payable and Payroll:** Motion by Ron Bacon, seconded by Ray Steinke to approve accounts payable and payroll in the amount of \$2,129,855.19.

**Roll Call**

<i>Phil Lewis</i>	<i>Yes</i>	<i>Robert Baldwin</i>	<i>Yes</i>
<i>James Sweet</i>	<i>Yes</i>	<i>Kristine Raymond</i>	<i>Yes</i>
<i>Richard Schmidt</i>	<i>Yes</i>	<i>Jeff Dontz</i>	<i>Yes</i>
<i>Ron Bacon</i>	<i>Yes</i>	<i>Tom O'Neil</i>	<i>Yes</i>
<i>Ray Steinke</i>	<i>Yes</i>	<i>Roger Ouwinga</i>	<i>Yes</i>
<i>Bryan Kolk</i>	<i>Yes</i>	<i>Jim Maike</i>	<i>Yes</i>
<i>Paul Erickson</i>	<i>Yes</i>	<i>Robert Walker</i>	<i>Yes</i>
<i>Gary Taylor</i>	<i>Yes</i>		

Motion carried.

A. **Personnel Committee** - Bob Baldwin, Committee Chair, did meet. Childcare and week between Christmas and new year, and staff appreciation discussion. Kevin discussed the three topics.

- Childcare stipend discussion - Looked at four options. TriShare program which splits payments into thirds, only applies to licensed daycares, and has income guidelines which could affect employee participation. DuoShare program is also an option, split payment between agency and staff per determined amount. No income guidelines, but administration fees apply. Both options are not currently feasible. Current Basic reimbursement program is the third option, there is a \$5000 max amount that could go towards childcare costs with DHD#10 contributing an amount towards that. Currently only one staff person utilizes this now with no agency contribution. The final option, and maybe the best option for us, is putting a set amount towards childcare where the employee puts in request for reimbursement, and we would pay them back. No current recommendation at this time but will send out a survey to gather additional information and bring the data back to the personnel committee. Cost was also discussed on how much daycare costs employees and potential logistical issues associated with such a program.
- Closing of offices between Christmas and New Years Day-Central and Mid MI DHD's do close the week between. Still have four paid holidays but, exploring closing the extra days during the week. Mid MI requires staff to take PDO or Unpaid if no PDO. Central changed it this year and provides that time off as paid time off. Recommendation by Personnel Committee to the full board is to approve extra paid holidays of Thursday 12/26 and Friday 12/27 for one time only. Contingencies are in place to address emergency situations and there is no overtime costs associated with doing this. This is a retention item. Brought forth the caution as other county positions and offices are not closed, and it may create issues.

**Motion to approve a one time, two paid holidays for Thursday December 26<sup>th</sup>, 2024, and Friday December 27<sup>th</sup> 2024:** Motion by Jim Maike, second by Ray Steinke.

**Roll Call**

<i>Phil Lewis</i>	<i>Yes</i>	<i>Robert Baldwin</i>	<i>Yes</i>
<i>James Sweet</i>	<i>No</i>	<i>Kristine Raymond</i>	<i>Yes</i>
<i>Richard Schmidt</i>	<i>Yes</i>	<i>Jeff Dontz</i>	<i>No</i>
<i>Ron Bacon</i>	<i>Yes</i>	<i>Tom O'Neil</i>	<i>Yes</i>
<i>Ray Steinke</i>	<i>Yes</i>	<i>Roger Ouwinga</i>	<i>Yes</i>
<i>Bryan Kolk</i>	<i>Yes</i>	<i>Jim Maike</i>	<i>Yes</i>
<i>Paul Erickson</i>	<i>Yes</i>	<i>Robert Walker</i>	<i>Yes</i>
<i>Gary Taylor</i>	<i>Yes</i>		

**Motion Carried**

Another recommendation is for a one-time paid holiday for Friday July 5<sup>th</sup>, 2024. The concern brought forth is that the agency can't keep paying for extra holidays if it costs money, especially with our unfunded liability. It's different between public and private sector, but the public needs to look at the private and take something away from that.

**Motion to approve a one-time, paid holiday of Friday July 5<sup>th</sup>, 2024:** Motion by Jim Maike  
Seconded by Ray Steinke.

**Roll Call**

<i>Phil Lewis</i>	<i>No</i>	<i>Robert Baldwin</i>	<i>Yes</i>
<i>James Sweet</i>	<i>No</i>	<i>Kristine Raymond</i>	<i>No</i>
<i>Richard Schmidt</i>	<i>No</i>	<i>Jeff Dontz</i>	<i>No</i>
<i>Ron Bacon</i>	<i>No</i>	<i>Tom O'Neil</i>	<i>Yes</i>
<i>Ray Steinke</i>	<i>Yes</i>	<i>Roger Ouwinga</i>	<i>Yes</i>
<i>Bryan Kolk</i>	<i>No</i>	<i>Jim Maike</i>	<i>Yes</i>
<i>Paul Erickson</i>	<i>No</i>	<i>Robert Walker</i>	<i>No</i>
<i>Gary Taylor</i>	<i>Yes</i>		

**Motion Not Carried.**

- HUB Employee Benefits Outlook Review-Kevin had HUB Handout at the personnel committee. Bringing forth the anticipated increase in health insurance rates and that workforce issues are not seeing an end anytime soon. Also, a staff training day on May 22<sup>nd</sup> and April 19<sup>th</sup> incident management command training.

**B. Legislative Committee** - Nick Krieger, Committee Chair, not in attendance. Kevin presented.

- Statewide Sanitary Code - Still going back and forth, expect substitute bill 4 to drop after legislative spring break. More to come as it is available.
- House bill 5544 - If health dept issue emergency order for closer, it would not include religious entities.
- Senate bill 734 - Rescind the authority of the health department to issue an emergency order and instead issue recommendations.
- Day at the Capitol is coming up.
- House bill 5437- Related to short term rentals. Nine bills total. Keep an eye on it as it could impact housing.

**VII. Administration Reports**

A. Medical Director - Dr. Jennifer Morse, MD, not present and no report today.

B. Deputy Health Officer - Sarah Oleniczak presented performance management system information on pg. 19. Quality improvement will help work towards performance management as well. Happy with the progress that has been made on it. Strategic Plan 2<sup>nd</sup> quarter handout discussed. Copy of fiscal year 2023 annual report mentioned.

**Motion to rescind:** Motion by Bob Baldwin, second by Gary Taylor to rescind the motion that was passed for the extra Christmas days off of December 26<sup>th</sup> and December 27<sup>th</sup>.

**Roll Call**

<i>Phil Lewis</i>	<i>No</i>	<i>Robert Baldwin</i>	<i>Yes</i>
-------------------	-----------	-----------------------	------------



<i>James Sweet</i>	<i>No</i>	<i>Kristine Raymond</i>	<i>No</i>
<i>Richard Schmidt</i>	<i>No</i>	<i>Jeff Dontz</i>	<i>Yes</i>
<i>Ron Bacon</i>	<i>Yes</i>	<i>Tom O'Neil</i>	<i>No</i>
<i>Ray Steinke</i>	<i>No</i>	<i>Roger Ouwinga</i>	<i>No</i>
<i>Bryan Kolk</i>	<i>No</i>	<i>Jim Maike</i>	<i>No</i>
<i>Paul Erickson</i>	<i>No</i>	<i>Robert Walker</i>	<i>Yes</i>
<i>Gary Taylor</i>	<i>Yes</i>		

Motion Not Carried

- C. Health Officer - Kevin Hughes discussed his report included in the Board Packet. Top 3 items are standing items.
- EPI Team – MICHEM - Mecosta and Manistee counties have target zones in them for this round of sampling. Letters mailed to households asking to participate. Measles, Michigan confirmed its fifth case, so far all the cases are in the Southern part of the state. Update on the respiratory virus guidance which now includes COVID.
  - PFAS update – No new sites right now. The Dream Catcher Motel site in Lake County has had discussion around it as it is up for sale and PFAS detections are creating issues for potential buyers. Exploring connecting to the small municipal system next to the site.
  - Enforcement actions – Timberly Village in Grayling is still out there but may be coming to an end. Will be talking internally on any next steps following a recent site visit to the location. Request made to the board for an appeal hearing on a Mason County site for an individual on Pere Marquette River in Branch. That section falls under the Natural Rivers Act of the DNR. The Natural Rivers Act setback rules are more restrictive than our Sanitary Code rules are. In situations like this we defer to the more stringent rules. The recommendation is to not grant an appeal hearing on this per legal counsel as it should fall under the Pere Marquette Natural Rivers Zoning Board to make the determination if they are going to grant a variance. The lot can meet the requirements set forth in the Natural Rivers Act and our Sanitary Code, but the individual is claiming the cost is too much because of having to pump uphill.

**Motion to deny the request for an appeal hearing:** Motion by Ray Steinke, second by Ron Bacon.

Motion Carried.

- MDHHS/MALPH Strategic Planning Session- Redefine what Local Public Health looks like in Michigan.
- Stakeholder update – Met in Mecosta County as a pilot meeting. Local law enforcement, college police, EMS, city police were all present. They found value in it. Going to move on to Mason County next. Building and zoning should be included.
- DHD10 Plan of Organization – Board packet includes a copy of the Board of Health approval form for our current Plan of Organization. Organization binder is present that can be reviewed. This is submitted to MDHHS prior to them coming on site to do accreditation. Richard Schmidt, Chair, signed the document that is necessary.

**Motion to approve the Plan of Organization:** Motion by Jim Maike, second by Ray Steinke.

Motion Carried.

**VIII. Public Comment**

None

**IX. Other Business**

April 26 meeting goes back to summer hours, starting at 9:30am. On behalf of the staff, thank you for two days off at Christmas time.

**X. Next Board of Health Meeting:** April 26, 2024, 9:30 a.m.

**XI. Adjournment**

**Motion to adjourn meeting:** Motion by Jim Maike, second by Ray Steinke.

Motion Carried

Richard Schmidt adjourned the meeting at 11:31 am.

District Health Department #10  
Balance Sheet  
March 31, 2024

Prepared by:  
Christine Lopez, MBA  
Administrative Services Director

Assets

Current Assets

Cash	12,322,765.49
Due From State	2,025,165.59
Due From Others	<u>647,558.22</u>
Total Current Assets	14,995,489.30

Other Assets

Inventory	276,050.00
Prepaid Expense	<u>731,028.36</u>
Total Other Assets	<u>1,007,078.36</u>
Total Assets	<u><u>16,002,567.66</u></u>

Liabilities

Current Liabilities

Accounts Payable	327,290.59
Payroll Taxes/Deductions Due	1,290.15
Accrued Wages	<u>728,930.91</u>
Total Current Liabilities	1,057,511.65

Other Liabilities

Deferred Revenue	<u>5,745,953.70</u>
Total Other Liabilities	<u>5,745,953.70</u>
Total Liabilities	<u>6,803,465.35</u>

Fund Balance

Fund Balance	8,891,494.72
Increase(Decrease) in Fund Balance	<u>307,607.59</u>
Total Fund Balance	<u>9,199,102.31</u>

Liabilities and Fund Balance	<u><u>16,002,567.66</u></u>
------------------------------	-----------------------------

District Health Department #10  
Statement of Revenues and Expenditures  
As of March 31, 2024

Prepared by:  
Christine Lopez, MBA  
Administrative Services Director

	Current Month	YTD Actual	Budget	Total Budget Variance	Percent Budget Remaining
<b>Revenues</b>					
State & Federal Funding					
Administration					
Agency	0.00	0.00	716,670.00	716,670.00	(100.00) %
CHIR SDoH Community Info Exchange	3,669.00	10,808.00	19,431.00	8,623.00	(44.37) %
CJS Alliance	0.00	1,949.00	23,466.00	21,517.00	(91.69) %
Cross Jurisdictional Sharing Admin	3,750.00	7,600.00	44,530.00	36,930.00	(82.93) %
Emergency Preparedness	16,299.00	97,178.00	176,876.00	79,698.00	(45.05) %
Medicaid Outreach	19,015.00	111,615.00	292,007.00	180,392.00	(61.77) %
North Central Network Collaboration	0.00	0.00	34,044.00	34,044.00	(100.00) %
Public Health Workforce	17,507.00	95,608.00	110,000.00	14,392.00	(13.08) %
SDoH Accelerator Grant	0.00	41,056.00	41,056.00	0.00	0.00 %
Stigma Campaign - Newaygo County	0.00	0.00	6,698.00	6,698.00	(100.00) %
Strengthening Public Health Workforce	3,399.00	33,642.00	176,000.00	142,358.00	(80.88) %
Substance Use Stigma Assessment SSAR	25,574.00	108,945.55	108,945.00	(0.55)	0.00 %
<b>Total Administration</b>	<b>89,213.00</b>	<b>508,401.55</b>	<b>1,749,723.00</b>	<b>1,241,321.45</b>	<b>(70.94) %</b>
Clinical					
COVID Immunizations	13,612.00	281,371.00	281,371.00	0.00	0.00 %
Communicable Disease	34,650.00	182,305.00	281,331.00	99,026.00	(35.19) %
ELC Contact Tracing and Wraparound	58,988.00	311,430.00	704,286.00	392,856.00	(55.78) %
Family Planning	48,828.00	256,674.00	414,508.00	157,834.00	(38.07) %
Imms Vaccine Quality Assurance VQA	7,112.00	54,660.00	54,660.00	0.00	0.00 %
Immunization Site Visits VFC/INE	8,500.00	10,550.00	15,000.00	4,450.00	(29.66) %
Immunizations	0.00	205,140.00	528,807.00	323,667.00	(61.20) %
Immunizations Action Plan - IAP	9,777.00	58,666.00	113,694.00	55,028.00	(48.40) %
STI Clinics	14,242.00	64,476.00	125,000.00	60,524.00	(48.41) %
<b>Total Clinical</b>	<b>195,709.00</b>	<b>1,425,272.00</b>	<b>2,518,657.00</b>	<b>1,093,385.00</b>	<b>(43.41) %</b>
Community Health					
Breast Cervical Cancer Control Program	6,197.00	39,717.00	78,402.00	38,685.00	(49.34) %
CCL Community Connections	176,056.00	176,056.00	333,306.00	157,250.00	(47.17) %
Dental Sealants	0.00	21,875.00	29,000.00	7,125.00	(24.56) %
HIV Prevention	1,471.00	7,838.00	45,000.00	37,162.00	(82.58) %
Harm Reduction Support	12,309.00	52,970.00	160,000.00	107,030.00	(66.89) %
Headway Coalition	0.00	0.00	125,000.00	125,000.00	(100.00) %
Kindergarten Oral Health Assessment	8,780.00	37,615.00	98,308.00	60,693.00	(61.73) %
Live Well Reach Grant	31,446.00	96,405.00	719,008.00	622,603.00	(86.59) %
Tobacco Grant	2,756.00	12,240.00	40,000.00	27,760.00	(69.40) %
Wisewoman Coordination	5,967.00	14,673.00	26,875.00	12,202.00	(45.40) %
<b>Total Community Health</b>	<b>244,982.00</b>	<b>459,389.00</b>	<b>1,654,899.00</b>	<b>1,195,510.00</b>	<b>(72.24) %</b>
Environmental Health					
Beach Monitoring	0.00	0.00	20,000.00	20,000.00	(100.00) %
Beach Monitoring - Inland Lakes	0.00	0.00	10,788.00	10,788.00	(100.00) %
Campgrounds	3,380.00	7,978.00	23,600.00	15,622.00	(66.19) %
Drinking Water	63,706.00	277,755.00	935,342.00	657,587.00	(70.30) %
Food Service	0.00	464,237.00	464,237.00	0.00	0.00 %
Long Term Groundwater Monitoring	0.00	720.00	7,700.00	6,980.00	(90.64) %

District Health Department #10  
Statement of Revenues and Expenditures  
As of March 31, 2024

Prepared by:  
Christine Lopez, MBA  
Administrative Services Director

	Current Month	YTD Actual	Budget	Total Budget Variance	Percent Budget Remaining
Non Community Water	64,746.00	333,043.00	798,197.00	465,154.00	(58.27) %
On-Site Sewage - Land Application	150.00	200.00	12,200.00	12,000.00	(98.36) %
On-Site Sewage - Septic Systems	59,337.00	430,812.00	873,959.00	443,147.00	(50.70) %
PFAS Eagle Ottawa Farm	0.00	146.00	1,476.00	1,330.00	(90.10) %
PFAS Grayling Water Recovery	2,174.00	49,060.00	118,925.00	69,865.00	(58.74) %
PFAS Kalkaska	0.00	1,963.00	3,451.00	1,488.00	(43.11) %
PFAS Ludington WWTP	0.00	106.00	1,476.00	1,370.00	(92.81) %
PFAS Rothbury	0.00	575.00	37,661.00	37,086.00	(98.47) %
PFAS Wexford Missaukee CTC	30.00	1,158.00	40,619.00	39,461.00	(97.14) %
Pools & Spas	4,046.00	5,562.00	18,110.00	12,548.00	(69.28) %
<b>Total Environmental Health</b>	<b>197,569.00</b>	<b>1,573,315.00</b>	<b>3,367,741.00</b>	<b>1,794,426.00</b>	<b>(53.28) %</b>
<b>Home Visiting</b>					
CSHCS Care Coordination Case Managemer	0.00	21,784.10	125,000.00	103,215.90	(82.57) %
CSHCS Vaccine Initiative	0.00	168.00	11,447.00	11,279.00	(98.53) %
Children's Special Health Care Services	30,344.00	174,161.00	340,956.00	166,795.00	(48.91) %
HFA FFPSA	9,024.00	57,090.00	130,000.00	72,910.00	(56.08) %
Healthy Families America Grand Traverse	16,605.00	112,054.00	200,142.00	88,088.00	(44.01) %
Hearing	9,416.00	61,954.00	76,808.00	14,854.00	(19.33) %
Lead Home Visiting	0.00	886.96	3,000.00	2,113.04	(70.43) %
MCH Women	11,130.00	68,037.00	183,560.00	115,523.00	(62.93) %
MI Home Visiting IRE (HFA)	51,955.00	319,159.00	569,651.00	250,492.00	(43.97) %
Regional Perinatal Care System	56,907.00	180,821.00	1,280,021.00	1,099,200.00	(85.87) %
Vision	12,281.00	74,711.00	76,808.00	2,097.00	(2.73) %
<b>Total Home Visiting</b>	<b>197,662.00</b>	<b>1,070,826.06</b>	<b>2,997,393.00</b>	<b>1,926,566.94</b>	<b>(64.27) %</b>
<b>School Health</b>					
Brethren High School Mental Health Grant	9,330.00	55,909.00	140,000.00	84,091.00	(60.06) %
Chippewa Hills Clinical AHC	27,133.00	153,128.00	275,000.00	121,872.00	(44.31) %
Hart High School Mental Health Grant	11,651.00	70,113.00	140,000.00	69,887.00	(49.91) %
Lake City Clinical AHC	19,956.00	119,037.00	180,000.00	60,963.00	(33.86) %
Ludington Schools Mental Health Grant	12,239.00	61,479.00	140,000.00	78,521.00	(56.08) %
MI Safer Schools HRA	71,733.00	464,964.00	1,162,000.00	697,036.00	(59.98) %
Mason County Eastern AHC	22,229.00	90,471.00	180,000.00	89,529.00	(49.73) %
Pentwater Schools Mental Health Grant	8,129.00	49,921.00	140,000.00	90,079.00	(64.34) %
School Wellness - McBain	17,826.00	128,179.00	200,000.00	71,821.00	(35.91) %
<b>Total School Health</b>	<b>200,226.00</b>	<b>1,193,201.00</b>	<b>2,557,000.00</b>	<b>1,363,799.00</b>	<b>(53.33) %</b>
<b>WIC</b>					
Lead Testing	0.00	10,000.00	10,000.00	0.00	0.00 %
Prosperity Grant/CLPP	4,872.00	29,254.00	40,000.00	10,746.00	(26.86) %
WIC Migrant	8,753.00	41,441.00	98,000.00	56,559.00	(57.71) %
WIC Peer Counselor	34,764.00	201,988.00	297,969.00	95,981.00	(32.21) %
WIC Resident	151,622.00	949,883.00	1,570,745.00	620,862.00	(39.52) %
<b>Total WIC</b>	<b>200,011.00</b>	<b>1,232,566.00</b>	<b>2,016,714.00</b>	<b>784,148.00</b>	<b>(38.88) %</b>
<b>Total State &amp; Federal Funding</b>	<b>1,325,372.00</b>	<b>7,462,970.61</b>	<b>16,862,127.00</b>	<b>9,399,156.39</b>	<b>(55.74) %</b>

District Health Department #10  
Statement of Revenues and Expenditures  
As of March 31, 2024

Prepared by:  
Christine Lopez, MBA  
Administrative Services Director

	Current Month	YTD Actual	Budget	Total Budget Variance	Percent Budget Remaining
<b>Other Funding</b>					
<b>Administration</b>					
Agency	0.00	0.00	68,127.00	68,127.00	(100.00) %
CHA Needs Assessment	0.00	0.00	40,000.00	40,000.00	(100.00) %
CHIR SDoH Community Info Exchange	0.00	0.00	115,000.00	115,000.00	(100.00) %
Employee Wellness Program	0.00	5,000.00	5,000.00	0.00	0.00 %
Finance	0.00	0.00	113,000.00	113,000.00	(100.00) %
Media and Marketing	0.00	4,100.00	4,000.00	(100.00)	2.50 %
MCDC	13,410.00	80,460.00	160,920.00	80,460.00	(50.00) %
Michigan Center for Rural Health	0.00	0.00	3,009.00	3,009.00	(100.00) %
North Central Network Collaboration	0.00	2,530.87	2,531.00	0.13	0.00 %
Rotary Charities LC	3,757.00	15,872.00	75,000.00	59,128.00	(78.83) %
Stigma Campaign - Newaygo County	1,665.00	2,556.00	15,000.00	12,444.00	(82.96) %
<b>Total Administration</b>	<b>18,832.00</b>	<b>110,518.87</b>	<b>601,587.00</b>	<b>491,068.13</b>	<b>(81.63) %</b>
<b>Clinical</b>					
CD Billing Counties	643.57	1,152.57	3,000.00	1,847.43	(61.58) %
Communicable Disease	110.00	425.00	0.00	(425.00)	100.00 %
Immunizations	0.00	0.00	200,000.00	200,000.00	(100.00) %
<b>Total Clinical</b>	<b>753.57</b>	<b>1,577.57</b>	<b>203,000.00</b>	<b>201,422.43</b>	<b>(99.22) %</b>
<b>Community Health</b>					
ARPA Missaukee - NMRE	0.00	151.00	2,294.00	2,143.00	(93.41) %
ARPA Wexford - NMRE	0.00	806.00	5,089.00	4,283.00	(84.16) %
CCL Community Connections	0.00	0.00	31,381.00	31,381.00	(100.00) %
CDC National Diabetes Prevention Program	7,182.00	28,127.00	56,000.00	27,873.00	(49.77) %
COVID Health Disparities - Rural Health	8,319.89	85,710.89	111,711.00	26,000.11	(23.27) %
COVID Prevention Missaukee	0.00	5,689.00	8,342.00	2,653.00	(31.80) %
COVID Prevention Wexford	837.00	16,822.00	17,389.00	567.00	(3.26) %
Coalition Capacity Building Lake	0.00	28,731.00	30,047.00	1,316.00	(4.37) %
Coalition Capacity Building Manistee	0.00	17,150.00	31,866.00	14,716.00	(46.18) %
Coalition Capacity Building Mason	0.00	25,868.00	28,100.00	2,232.00	(7.94) %
Community Health	1.00	2,097.00	11,500.00	9,403.00	(81.76) %
Deterra Disposal & Medication Lock Box	0.00	8,682.00	9,000.00	318.00	(3.53) %
Gambling Disorder Prevention Project	2,243.00	8,471.00	32,000.00	23,529.00	(73.52) %
Good Housing Good Health Grant	0.00	0.00	140,699.00	140,699.00	(100.00) %
Headway Coalition	10,584.00	42,498.00	0.00	(42,498.00)	100.00 %
Interconnected MH System-Mason	2,933.00	51,027.00	156,722.00	105,695.00	(67.44) %
Kalkaska Memorial Health Center CHW	0.00	46,598.60	102,459.00	55,860.40	(54.51) %
LRE ARPA Prevention	1,361.00	1,821.00	14,766.00	12,945.00	(87.66) %
Mesick School based CHW Grant	0.00	9,360.00	53,000.00	43,640.00	(82.33) %
Oceana LEADS DFC	16,588.00	67,412.00	116,702.00	49,290.00	(42.23) %
Prevention Grant Missaukee	1,539.00	8,537.00	15,051.00	6,514.00	(43.27) %
Prevention Grant Wexford	2,270.00	18,660.00	36,136.00	17,476.00	(48.36) %
Prevention Lake	1,083.00	9,597.00	16,875.00	7,278.00	(43.12) %
Prevention Mason	2,143.00	20,788.00	58,057.00	37,269.00	(64.19) %
Prevention Newaygo	6,026.00	14,199.00	96,305.00	82,106.00	(85.25) %
Prevention Oceana	2,559.00	16,559.00	55,918.00	39,359.00	(70.38) %
ROCA Mentee Grant	0.00	82,229.07	112,230.00	30,000.93	(26.73) %

District Health Department #10  
Statement of Revenues and Expenditures  
As of March 31, 2024

Prepared by:  
Christine Lopez, MBA  
Administrative Services Director

	Current Month	YTD Actual	Budget	Total Budget Variance	Percent Budget Remaining
Snap Ed	8,958.70	30,146.75	105,000.00	74,853.25	(71.28) %
State Opioid Response (SOR)	239.00	14,755.00	37,200.00	22,445.00	(60.33) %
Sub Use COVID Supplemental	14,539.00	22,391.00	25,000.00	2,609.00	(10.43) %
Tobacco Checks LSRE	0.00	1,773.00	2,500.00	727.00	(29.08) %
<b>Total Community Health</b>	<b>89,405.59</b>	<b>686,656.31</b>	<b>1,519,339.00</b>	<b>832,682.69</b>	<b>(54.80) %</b>
<b>Home Visiting</b>					
Agnes Taylor Fund	0.00	317.95	5,483.00	5,165.05	(94.20) %
CSHCS Thorton Fund Kalkaska	0.00	(558.88)	1,223.00	1,781.88	(145.69) %
Early On Oceana	0.00	0.00	1,355.00	1,355.00	(100.00) %
Healthy Families Manistee/Missaukee	51,410.00	140,006.00	228,183.00	88,177.00	(38.64) %
MCH Women	700.00	700.00	0.00	(700.00)	100.00 %
<b>Total Home Visiting</b>	<b>52,110.00</b>	<b>140,465.07</b>	<b>236,244.00</b>	<b>95,778.93</b>	<b>(40.54) %</b>
<b>School Health</b>					
Brethren High School Mental Health Grant	1,666.66	10,000.00	20,000.00	10,000.00	(50.00) %
Cadillac Adolescent Health Center	33,153.00	169,715.00	313,000.00	143,285.00	(45.77) %
Chippewa Hills Clinical AHC	2,750.00	16,500.00	33,000.00	16,500.00	(50.00) %
Grayling School Mental Health	1,696.96	8,869.27	15,000.00	6,130.73	(40.87) %
Hart High School Mental Health Grant	1,666.66	10,000.00	20,000.00	10,000.00	(50.00) %
Lake City Clinical AHC	1,666.66	10,500.00	20,500.00	10,000.00	(48.78) %
Ludington Schools Mental Health Grant	1,666.66	10,000.00	20,000.00	10,000.00	(50.00) %
Mason County Eastern AHC	1,666.66	15,000.00	25,000.00	10,000.00	(40.00) %
Pentwater Schools Mental Health Grant	1,666.66	10,000.00	20,000.00	10,000.00	(50.00) %
School Wellness - McBain	2,500.00	15,000.00	30,000.00	15,000.00	(50.00) %
School Wellness Center - Manton/Mesick	21,963.00	124,072.00	230,000.00	105,928.00	(46.05) %
Shelby Adolescent Health Center	24,271.00	159,565.00	308,000.00	148,435.00	(48.19) %
Viking Wellness Center - Grayling AHC	21,428.66	121,488.00	205,000.00	83,512.00	(40.73) %
<b>Total School Health</b>	<b>117,762.58</b>	<b>680,709.27</b>	<b>1,259,500.00</b>	<b>578,790.73</b>	<b>(45.95) %</b>
<b>WIC</b>					
AHEAD WIC Workforce Sub-Grant	0.00	7,379.40	7,379.00	(0.40)	0.00 %
<b>Total WIC</b>	<b>0.00</b>	<b>7,379.40</b>	<b>7,379.00</b>	<b>(0.40)</b>	<b>0.00 %</b>
<b>Total Other Funding</b>	<b>278,863.74</b>	<b>1,627,306.49</b>	<b>3,827,049.00</b>	<b>2,199,742.51</b>	<b>(57.47) %</b>
<b>Billing Revenue</b>					
Clinical	74,425.98	1,329,997.02	2,645,500.00	1,315,502.98	(49.72) %
Community Health	14,156.25	148,793.86	384,000.00	235,206.14	(61.25) %
Home Visiting	48,645.96	268,758.11	540,000.00	271,241.89	(50.22) %
School Health	54,995.05	293,980.06	500,381.00	206,400.94	(41.24) %
WIC	2,789.52	16,466.61	19,000.00	2,533.39	(13.33) %
<b>Total Billing Revenue</b>	<b>195,012.76</b>	<b>2,057,995.66</b>	<b>4,088,881.00</b>	<b>2,030,885.34</b>	<b>(49.66) %</b>
Medicaid Cost Settlement	0.00	250,000.00	2,262,500.00	2,012,500.00	(88.95) %
Environmental Health Revenue	140,149.59	558,015.29	1,786,250.00	1,228,234.71	(68.76) %
<b>Appropriations</b>	<b>247,873.30</b>	<b>1,487,239.80</b>	<b>2,974,479.00</b>	<b>1,487,239.20</b>	<b>(49.99) %</b>

District Health Department #10  
Statement of Revenues and Expenditures  
As of March 31, 2024

Prepared by:  
Christine Lopez, MBA  
Administrative Services Director

	Current Month	YTD Actual	Budget	Total Budget Variance	Percent Budget Remaining
Other Revenue	25,997.21	189,577.35	187,893.00	(1,684.35)	0.89 %
Total Revenues	<u>2,213,268.60</u>	<u>13,633,105.20</u>	<u>31,989,179.00</u>	<u>18,356,073.80</u>	<u>(57.38) %</u>

	Current Month	YTD Actual	Budget	Total Budget Variance	Percent Budget Remaining
Expenditures					
Wages	1,029,193.14	6,204,428.75	14,152,392.00	7,947,963.25	(56.15) %
Fringes	512,456.84	3,042,828.24	6,406,138.00	3,363,309.76	(52.50) %
Travel	67,906.58	303,376.97	816,980.00	513,603.03	(62.86) %
Supplies	129,828.15	1,403,996.56	4,116,783.00	2,712,786.44	(65.89) %
Contractual	191,972.84	704,313.59	2,178,047.00	1,473,733.41	(67.66) %
Communications	37,198.37	222,232.15	561,661.00	339,428.85	(60.43) %
Printing/Publishing	15,817.04	62,081.77	301,547.00	239,465.23	(79.41) %
Education/Training	25,143.79	88,024.51	175,537.00	87,512.49	(49.85) %
Liability Insurance	9,499.55	60,529.99	150,256.00	89,726.01	(59.71) %
Maintenance	39,864.59	304,864.01	589,597.00	284,732.99	(48.29) %
Space	132,518.58	804,278.43	1,600,227.00	795,948.57	(49.73) %
Equipment	1,541.86	44,082.64	625,000.00	580,917.36	(92.94) %
Other Expenses	13,410.00	80,460.00	160,920.00	80,460.00	(50.00) %
Total Expenditures	<u>2,206,351.33</u>	<u>13,325,497.61</u>	<u>31,835,085.00</u>	<u>18,509,587.39</u>	<u>(58.14) %</u>
Increase(Decrease) in Fund Balance	<u>6,917.27</u>	<u>307,607.59</u>	<u>154,094.00</u>	<u>(153,513.59)</u>	<u>99.62 %</u>



District Health Department #10  
Cash Flow Analysis  
April 18, 2024

Prepared by:  
Christine Lopez, MBA  
Administrative Services Director

	<u>April</u>	<u>May</u>	<u>June</u>	<u>July</u>
Beginning Cash Balance	13,994,711	14,369,711	13,336,680	12,878,614
Receipts:				
State Funding	400,000	1,125,000	1,125,000	1,125,000
Billing Revenue	100,000	180,000	180,000	180,000
EH Fees	25,000	75,000	75,000	75,000
Appropriations	-	-	-	408,282
Other	<u>100,000</u>	<u>300,000</u>	<u>300,000</u>	<u>300,000</u>
Total	625,000	1,680,000	1,680,000	2,088,282
Expenses:				
Wages	-	1,571,010	1,047,340	1,047,340
Benefits	-	564,242	512,947	512,947
Other	<u>250,000</u>	<u>577,779</u>	<u>577,779</u>	<u>577,779</u>
Total	250,000	2,713,031	2,138,066	2,138,066
 Total Cash & Investments	 <u>14,369,711</u>	 <u>13,336,680</u>	 <u>12,878,614</u>	 <u>12,828,830</u>

**APPR Report - March/April**

**Accounts Payable**

	Amount	Date
Voucher # 100	\$ 673,204.08	3/22/2024
Voucher * 102	\$ 343,641.25	4/5/2024
Voucher * 104	\$ 217,284.69	4/19/2024
Total Accounts Payable	\$1,234,130.02	

**Payroll**

Voucher # 100	\$233.82	3/22/2024
Voucher # 101/102	\$ 495,253.05	4/5/2024
Voucher # 103	\$ 483,791.77	4/19/2024
Total Payroll	\$979,278.64	

**Total Expenditures** \$2,213,408.66

**Board of Health**  
**Community Health Division**  
2<sup>nd</sup> Quarter Report, April 26, 2024

**Community Connections.** DHD#10 Community Connections 2<sup>nd</sup> Quarter data:

	Referred Participants		Accepted Participants		Resource Pathways	
	Q2	YTD	Q2	YTD	Q2	YTD
Crawford	60	115	1	6	2	3
Kalkaska	69	140	8	12	16	27
Lake	18	39	6	13	9	35
Manistee	97	190	18	41	118	201
Mason	21	41	3	7	15	41
Mecosta	51	110	17	38	46	116
Missaukee	49	82	7	12	7	15
Newaygo	20	46	7	18	12	36
Oceana	24	49	1	8	2	14
Wexford	122	245	18	38	44	96
<b>TOTAL</b>	<b>531</b>	<b>1,057</b>	<b>87</b>	<b>194</b>	<b>271</b>	<b>584</b>

Most frequent navigations in the quarter included food (41), housing (34), health insurance (18), and transportation (15). Staff completed 1,512 health plan list referral calls in Q2 and 2,810 YTD as part of their Medicaid health plan outreach to support health plan HEDIS measures.

**WISEWOMAN** –This program provides diabetes and cholesterol screening with lifestyle coaching, programming, and navigation of the healthcare system for women ages 35-64. Staff were able to start screening in Q2 once the state finalized their protocols for the new CDC grant cycle.

	Screenings
	Q2
Mecosta	7
Oceana	9
Wexford	8
<b>Total</b>	<b>24</b>

**Substance Use Prevention** – Lake, Manistee, Mason, Missaukee, Oceana, Wexford Counties

- Sticker Shock Project (underage drinking prevention): Missaukee – 400 stickers; Wexford – 315 stickers
- Distributed drug disposal bags in Missaukee (80 bags) and Wexford (66 bags)
- Vaping Education: Missaukee – 5 students; Wexford – 2 students
- Facebook posts and a press release utilized for Gambling Awareness Month – reach was 1,631.

- Catch My Breath vaping curriculum implemented at Shelby Elementary to 3-5th grade classes – 76 students.
- Lifeskills Program implemented at Mason County Central– 15 students
- Headway Coalition (Newaygo Co.) donated 108 lock boxes and bags to Great Start and NCRESA.
- Total Trek Quest Prevention Program implemented at Newaygo Elementary School – 5 students.
- Prescription Drug Education with White Cloud Elementary 5th graders – 6 students.

**Harm Reduction**

	Safe Use Kits Distributed		Naloxone Kits Provided		Sharps Containers Collected	
	Q2	YTD	Q2	YTD	Q2	YTD
Crawford	0	0	0	0	33	35
Kalkaska	6	6	41	41	19	45
Lake	0	1	46	78	8	10
Manistee	38	70	56	94	8	22
Mason	16	34	51	94	42	63
Mecosta	0	0	34	86	25	31
Missaukee	N/A	N/A	N/A	N/A	4	20
Newaygo	0	3	3	3	5	14
Oceana	0	0	51	160	10	15
Wexford	30	94	137	200	98	221
Total	90	208	419	756	252	476

- Held 2 Naloxone trainings, 4 people trained.
- Provided 10 NaloxBoxes in Wexford and Mason Counties
- Placed 2 Naloxone Distribution Boxes in Wexford and Kalkaska Counties with Kalkaska being at the DHD#10 office
- Hosted the 1<sup>st</sup> annual Harm Reduction Conference (photos below) – 92 attendees with DHD#10 staff presenting on the Substance Use Stigma Assessment and Response (SSAR) project.
- Established branding for DHD#10’s SSP program – The HOPE Project
  - Facebook page: <https://www.facebook.com/profile.php?id=61556565634272>

**Oral Health**

	Kindergarten assessments		# kids with sealants placed		# reached sealant presentations		# reached dental outreach	
	Q2	YTD	Q2	YTD	Q2	YTD	Q2	YTD
Crawford								
Kalkaska						30		
Lake								115
Manistee								
Mason							300	300
Mecosta	12	12						
Missaukee								
Newaygo					249	249		
Oceana				101		671	523	745
Wexford								
Total	12	12	0	101	249	950	823	1,160

- Oral Health Staff are focused on planning and coordination for the upcoming Kindergarten Oral Health Assessment program recently signed into law, which made dental assessments for incoming kindergarteners mandatory for the 2024-2025 school year.

**Tobacco Control, Prevention, and Cessation Efforts**

- 31 referrals for tobacco treatment this quarter- resulting in 4 enrollments, 1 reduced/quit. YTD: 57 referrals, 11 enrollments, 2 reduced/quit.
- Expanded an existing partnership with Munson Healthcare to include TTS referrals from their primary care facilities as well as cancer treatment clinics with the jurisdiction.
- Social media posts included messaging around American Heart Month, Quit Resolutions, the Michigan Tobacco Report Card, and awareness of health impacts of prenatal tobacco use. Reach was 3,445.

**National Diabetes Prevention Program.** One cohort in Kalkaska Co. started in Q2 with 10 participants.

**Supplemental Nutrition Assistance Program-Education (SNAP-Ed).**

- Staff completed a physical activity environmental assessment at Grayling Elementary and will work with the school to identify changes to reduce barriers to physical activity opportunities for youth.
- Staff completed a food pantry assessment at TrueNorth Community Services and discussed changes to improve healthy food access at the pantry.

**Behavioral Health Project: Mason County Interconnected Systems Framework.** This project is in the process of expanding to Lake and Oceana Counties, through partnerships with the West Shore ESD and Corewell Health. DHD#10 is extending a contract with the technical assistance provider (Kelly Perales) to conduct an evaluation of the project and provide district-specific recommendations to sustain youth mental health support beyond the end of the grant.

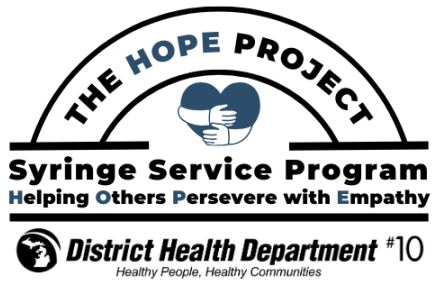
**LiveWell REACH.**

- Staff finalized several start-up requirements for the Cooperative Agreement, including the evaluation and communication plans.
- Initial assessment activities were initiated this quarter, including a landscape analysis of food pantries within the counties.
- The LiveWell REACH Leadership team was convened to discuss the first strategy area (i.e. nutrition; food service guidelines). A Food Pantry Work Group was established, which will carry forward the assessments at food pantries within each county this year (Lake, Newaygo, Oceana).
- DHD#10 staff are supporting efforts that align with REACH strategies in each county, including the establishment of a farmer’s market in Lake County.

**Environmental Health Outreach and Education.** Health education and environmental health staff are working in partnership to provide outreach and education on various environmental health topics. Q2 highlights include:

- Staff are planning three Environmental Health Events in the jurisdiction with guest speaker Emily Pochubay, IPM and Public Health Pest Specialist from MDARD. The events are the same presentation from 9:00am-11:30am on the following dates:
  - Tuesday, May 21 at Ferris State University, Big Rapids
  - Friday, May 31 at Kirtland College, Grayling
  - Tuesday, June 4 at West Shore Community College, Scottville
- Staff worked with the EH team to update the EH materials on the agency website.

- Media and outreach efforts this quarter highlighted the following:
  - Radon Month (social media post, press release, and two outreach events in Crawford and Manistee). Total reach: 2,823.
  - Food Safety during the Superbowl (social media post). Total reached: 2,381.
  - Groundwater Awareness Week (social media posts, press release and one outreach event in Kalkaska County). Total reach: 918.



New SSP Logo – The HOPE Project



Harm Reduction Conference Planning Committee



Youth engaged in substance use prevention education in Oceana County.

*Respectfully Submitted,*

*Christy Rivette*

## Board of Health

### Environmental Health Division Report

### 2nd Quarter Report

---

#### Water Well

<b>Number of Well Permits Issued</b>	<b>177</b>
<b>Number of Wells Drilled</b>	<b>87</b>
<b>Number of Abandoned Wells Plugged</b>	<b>57</b>
<b>Numer of Field Predrilling Site Evaluations</b>	<b>177</b>
<b>Number of Random Construction Inspections</b>	<b>0</b>
<b>Number of Final Inspections with Well Construction</b>	<b>33</b>
<b>Number of Final Inspections with Well Construction Code Violations</b>	<b>0</b>

#### Sewage

<b># of Parcels Evaluated</b>	<b>348</b>
<b># of Onsite Sewage Treatment Permits Issued</b>	<b>340</b>
<b># of Alternative or Engineered System Plans Approved</b>	<b>9</b>
<b># of Appeals Processed</b>	<b>0</b>
<b># of Inspections Conducted during and/or after Construction</b>	<b>140</b>
<b># of Failed System Evaluations Conducted</b>	<b>78</b>
<b># of Complaints Received</b>	<b>12</b>
<b># of Complaints Investigated</b>	<b>12</b>

#### Food Service

<b>Food Inspections conducted</b>	<b>320</b>
<b>STFU/mobile inspected</b>	<b>19</b>
<b>Temps done</b>	<b>16</b>
<b>Reinspection Plans received</b>	<b>58</b>
<b>Plans approved</b>	<b>5</b>
<b>Food Complaints</b>	<b>13</b>

1. Type II
a. Permit: 1
b. Well Final Inspections: 4
c. Sanitary Surveys: 26
d. Paid Level 2 Assessments: 27
e. MR Violations issued (monthly and quarterly): 107
2. Tanning inspections: 8
3. Body Art inspections: 11
4. Longterm GW Monitoring sampling events: 1
5. Pool inspections: 12
6. Campground inspections: 0
7. Septage inspections: 3
8. HAB investigation/sampling events: 0
9. Beach Monitoring sampling events: 0
10. DHHS inspections (per clerical/EH log): 16

*Respectfully Submitted,*

*Max Bjorkman*



## **Board of Health**

Family Health Clinical

2nd Quarter Report FY24

---

### **Clinical Laboratory Improvement Amendments (CLIA)**

- DHD#10 now has 24+ sites that perform a variety of testing under its license. An additional CLIA License was obtained to cover offsites and mobile unit use. Multiple corrective actions have been implemented because of chart audits that were completed per the Quality Manual requirements. These highlight the opportunities for improvement in processes.

### **Students**

- DHD #10 continues to host students from multiple higher learning organizations and participates on Advisory committees for nursing and Career and Technical Education programs.
- To gather feedback and identify areas for improvement, we are sending biweekly satisfaction surveys to clients of the Family Planning and Immunization services. The feedback received from these surveys is shared with our staff.

### **Immunizations**

- Our focus on immunizations and communicable disease this quarter was to provide education and communication with our community partners to prepare for a potential outbreak of MMR within our jurisdiction. The leadership team has been planning for potential outbreaks of MMR within our jurisdiction. Vaccine is available within our offices in both private and VFC/MI-AVP inventory. Public health Nurses are assisting the public to determine their vaccination status.
- Continued focus on preventing respiratory diseases with the rise of influenza activity and COVID-19. An additional dose of COVID-19 vaccine was recommended by the CDC for individuals 65 years and older.
- MPOXX: -Cases across the state are on the rise. As of date, there are no active cases in the DHD#10 jurisdiction. JYNNEOS vaccine is available within our clinics. Promotion of the vaccine and outreach continues.

- School/Childcare School Reporting- All school districts meet compliance for the 2023-2024 school year reporting period. Nurses are preparing for kindergarten and preschool round ups for the 2024-2025 school year to provide immunization education and resources for upcoming students.

**Communicable Disease-**

- There were three suspected occurrences of measles that were initially suspected to be cases, but ultimately determined to be non-cases involving infants. Our nursing promptly responded to and began managing the onset of these potential cases.
- A total of 374 different communicable disease cases were investigated and were reported to us, with 113 of those cases involving animal bites.

**Breast and Cervical Cancer Control Program**

- This program provides preventative healthcare services particularly for those who may face barriers such as lack of insurance or financial resources. This program offers low-cost or free screenings, diagnostic tests, and follow-up services for eligible individuals. We served 50 clients and among them, one client was diagnosed with breast cancer in March. Despite not having insurance, she will now receive the treatment she needs, thanks to the support provided by this program.

October 1, 2023- March 31, 2024

Age Group	Female Users	Male Users	Total Users
30 - 34	1	0	1
35 - 39	1	0	1
40 - 44	5	0	5
Over 44	43	0	43
<b>Total Users</b>	<b>50</b>	<b>0</b>	<b>50</b>

## **Family Planning**

- Pt goal for the year: **771**, we are now over the halfway point after the second quarter of the fiscal year.

October 1, 2013- March 31, 2024

Age Group	Female Users	Male Users	Total Users
Under 15	7	0	7
15 - 17	52	0	52
18 - 19	54	0	54
20 - 24	84	1	85
25 - 29	62	2	64
30 - 34	50	2	52
35 - 39	42	1	43
40 - 44	38	1	39
Over 44	18	1	19
Total Users	407	8	415

- Michigan Department of Health and Human Services recognized DHD #10 as one of the top three Health Departments in Michigan for utilizing best practices in documenting and reporting for the new required family planning (FP) annual report. This report serves as a comprehensive documentation and reporting tool for accessing and evaluating family planning services and provides a platform to track and measure various aspects. This also helps health departments identify trends, challenges, and successes in their FP efforts, allowing for informed decision making and the implementation of evidence-based strategies to improve the delivery and impact of these services. Additionally, the report may be used by state agencies and policymakers to assess the effectiveness and reach of FP programs at a local and statewide level.
- Family Planning telehealth clinic is planned for April 25<sup>th</sup>.

**STD/HIV**

October 1, 2023- March 31, 2024

Age Group	Female Users	Male Users	Total Users
15 - 17	1	3	4
18 - 19	4	6	10
20 - 24	14	11	25
25 - 29	7	13	20
30 - 34	5	10	15
35 - 39	11	6	17
40 - 44	6	5	11
Over 44	9	9	18
<b>Total Users</b>	<b>57</b>	<b>63</b>	<b>120</b>

- Over the past few months, our team has been working behind-the-scenes to ensure that all necessary preparations are in place for a successful launch of our PrEP services in Mecosta and Wexford counties starting in July.  
21 home HIV kits were sent in Q2 (Jan-March)
- We are planning to partner with our Safe Syringes programs to utilize our mobile unit in testing for HIV and making referrals to services based on results.
- March 26<sup>th</sup> set up a booth at Ferris State University’s health fair providing education on sexual transmitted diseases and reproductive health services available at our health department. We provided education and resources to over 50 college students.



*Respectfully Submitted,  
Sheila Parker, BSN*

## Board of Health

### Family Health Home Visiting

### 2nd Quarter FY 2024 Report

---

**Maternal and Infant Health Program**– MIHP completed 1,468 visits this quarter. Training for the new staff in Oceana is completed and the Manistee staff will be completed by May 1. Mecosta nurse will be able to come over from WIC in May, as well, to get going full time in MIHP. This leaves one open position in Mason County due to staff re-signing, as updated in the January board meeting. MIHP submitted 218 charts to the Office of Inspector General for audit in March, results pending. In March, as well, the MIHP program had its state review, results pending.

**Healthy Families America** – During quarter 2, four HFA staff celebrated one year with the program. All staff have now been working in the program for at least a year now. This is great for not only staff retention but family retention. HFA had a staff member complete her Master’s Degree in Education and another become infant mental health endorsed. HFA had the annual Healthy Families Michigan Quality Assurance visit in January. Of the 53 standards reviewed, improvement was only need in 3. The team is already educated and working on improvement. The Fill Your Cup event in Wexford went well with 35 parents attending. Community partners hope to make this an annual event to support parents in the area.

**Children’s Special Healthcare Services-** \$19,240 was billed out for services and 201 visits were completed by staff this quarter. As noted above, MIHP staff is set to complete or has completed training. This frees up the two nurses that are transitioning from MIHP to CSHCS to start working in CSHCS full time. Staff and leadership are working hard and making sure everything is prepared for accreditation in June. All documentation for accreditation is due in to the state in May. Work on sensory rooms with CSHCS immunization grant money is full speed ahead. Manistee room was done last year and has received wonderful feedback.

**Hearing and Vision-** 2,182 hearing screenings and 2479 vision screenings were completed this quarter.

Oceana Hearing and Vision technician was filled by a former staff member. This made for a smooth transition with little training needed. She is already in schools and performing screenings. The fourth Hearing and Vision technician was posted and filled this quarter. This was an internal hire based in Mason county, her training is underway and she will be able to start next school year fully on her own and trained. 2024 is the 75<sup>th</sup> anniversary of the Hearing and Vision program in Michigan. There will be a celebration and technician workshop at Grand Traverse Resort this Fall, which all staff will be attending. Staff and leadership are working hard and making sure everything is prepared for accreditation in June.



**Lead Nurse Case Management-** Jessica Grace accepted and is the process of transitioning in the Home visiting supervisor position for Lead Nurse Case Management, CSHSC, and Hearing and Vision. Leadership attended trainings and have made the transition to the new State Database MICLEAR for NCM. A training date has been set to train 3 additional nurses in lead case management along with support staff. Provided case management services for 5 families of children with elevated blood lead levels this quarter.

*Respectfully Submitted,*

*Britney Wright RN, MSN*

*Family Health Home Visiting Director*



## WIC Division Board of Health

2nd Quarter FY 2024 Report – April 26, 2024

### **Bipartisan Appropriations Package Averts Partial-Shutdown, Fully Funds WIC Program**

On March 8<sup>th</sup>, President Biden [signed](#) a six-bill “minibus” Appropriations package, negotiated on a bipartisan basis between Congressional leadership and key Appropriators. The compromise package [included](#) \$7.03 billion in funding for WIC, an increase of more than \$1 billion over prior year funding, averting a crisis which would have forced the program to revert to waiting lists for the first time in more than two decades. In addition to maintaining the longstanding, bipartisan precedent of “fully funding” WIC so that every eligible family that seeks WIC services can receive them, the bill extended WIC’s enhanced fruit and vegetable benefit through the end of the fiscal year. In Michigan, the expanded monthly Cash Value Benefit (CVB) amounts are \$26 for children, \$47 for pregnant and postpartum clients, and \$52 for fully and partially breastfeeding clients through the month of February.

### **President’s Proposed Fiscal Year 2025 Budget Includes Boost in WIC Funding**

On March 10<sup>th</sup>, President Biden released his [Budget Request](#) for Fiscal Year 2025, laying out the administration’s spending priorities for the year ahead. The proposal includes \$7.7 billion in funding for WIC to support a projected caseload of nearly 7 million women, infants, and children in FY25. While this is only the first step in securing funding for the coming fiscal year, this request demonstrates the Administration’s continued commitment to the long-term growth and resiliency of the WIC program. The request will now be transmitted to Congress for their consideration as the process for FY25 government funding kicks off.

### **USDA Unveils Final WIC Food Package Rule**

On April 9<sup>th</sup>, Secretary of Agriculture Tom Vilsack announced that USDA [finalized updates](#) to the WIC food packages, often referred to as the ‘final rule’. These science-based revisions incorporate recommendations from the National Academies of Science, Engineering, and Medicine (NASEM) and the Dietary Guidelines for Americans, 2020-2025. The new food packages support fruit and vegetable consumption by making permanent the significant increase to the CVB amount. Other enhancements include, but are not limited to:

- Expanding whole grain options to include foods like quinoa, blue cornmeal, and teff to reflect dietary guidance and accommodate individual or cultural preferences.
- Providing more convenience and options within the dairy category, including flexibility on package sizes and non-dairy substitution options such as plant-based yogurts and cheeses, and requiring lactose-free milk to be available.
- Including canned fish in more food packages, creating more equitable access to this under-consumed food.
- Adding more flexibility in the amount of infant formula provided to partially breastfed infants to support individual breastfeeding goals.

Michigan WIC will have 60 days to implement the continued CVB increase and two years to fully implement the other improvements

### **DHD #10 Receives a MDHHS WIC Community Partnership Grant**

DHD #10 WIC was selected as one of five local programs to receive this grant opportunity, an initiative between State WIC Division and Coffective. The goal of this Community Partnership Collaborative grant is to increase access to lactation / breastfeeding services in our local communities. The project will bring together partners from local organizations such as hospitals, health care providers, and/or community action agencies to support and implement projects unique to our communities. A regional Kick-Off meeting was held this month to share proposed project activities.

### **Breastfeeding Program Updates**

Our Senior Peer Counselor, Colleen Unsal is actively participating the in the statewide WIC Breastfeeding Peer Counselor Development Task Force which is resulting in a redesign of the Michigan WIC breastfeeding webpage. DHD #10 continues to offer Breastfeeding Peer Counselor (BFPC) weekly support to new moms in the hospitals at the Family Birthing Centers at Corewell/Spectrum Hospital in Big Rapids, Fremont, and Ludington. In addition, BFPCs host six community breastfeeding support groups across our health jurisdiction.

### **Michigan Legislature Passed a State Licensure Law for Dietitians**

On April 10<sup>th</sup>, the Michigan Senate passed HB4608 on a bi-partisan 26-11 vote. The bill would add Part 183A (Dietetics and Nutrition) to the Public Health Code to do the following: -- Establish a licensing process for dietitian nutritionists and nutritionists and prescribe the requirements an individual seeking licensure as a dietitian nutritionist or nutritionist would have to meet. -- Prescribe the scope of practice for a dietitian nutritionist and a nutritionist. -- Create the Michigan Board of Dietetics and Nutrition in the Department of Licensing and Regulatory Affairs (LARA), and prescribe its membership. -- Require LARA in consultation with the Board to prescribe, by rule, continuing education requirements as a condition of license renewal. The bill now goes to Governor Gretchen Whitmer to be signed into law. Incorporating many principles from the [Academy's Model Practice Act](#), this newly passed legislation will improve the health of Michiganders by giving them better access and coverage for the medical nutrition therapy (MNT) provided by Registered Dietitian Nutritionists (RDN)

### **Staff Development and Recognition**

Jenna Dotson, WIC Nutritionist was accepted to the Michigan State University-WIC Dietetic Internship and master's program. This is a part-time 16-month program which after successful completion, Jenna will be eligible to take the national exam and become licensed as a Registered Dietitian Nutritionist.

In April, Megan Price, MA, RDN joined our agency and WIC Team as a part-time Nutrition Specialist in Mecosta County. Megan comes to us with several years of experience as a home visiting (MIHP) dietitian at a federally qualified health center (FQHC). In addition, we are currently recruiting for two full-time Nutrition Specialists in Crawford-Kalkaska and Newaygo Counties.

### **Community Outreach and Engagement**

WIC Staff participated in outreach activities including the Mecosta County Great Start Collaborative events: Community Partner networking (2/22/24), book distribution as part of the "Rising Reader campaign (3/6/24), and the Community Baby Shower (3/7/24). Newaygo-Grant WIC staff also participated in a North



Kent Connect community partner orientation (2/22/24) and attended Sparta Area Migrant Resource Council meeting (3/21/24)

**Regional Childhood Lead Poisoning Prevention Program (CLPPP) and Nurse Case Management Grants**

In April, MDHHS CLPPP transitioned to the new blood lead and Nurse Case Management (NCM) database titled MICLEAR. Staff is in the process of incorporating our local NCM services and documentation procedures into MICLEAR. DHD# 10 staff provided the following services related to elevated blood lead levels (EBLL) cases: 30 EBL educational folders provided, 105 calls to families/providers, 12 Lost to follow up letters mailed, and 7 Confirmed Elevated cases were referred for Nurse Case Management services. Community outreach at the “Fill Your Cup” event in Cadillac with 50 families served. Staff also participated in the Michigan Saves training and is sharing information about this new program opportunity with our families and communities. Michigan Saves created the Lead Poisoning Prevention Fund (Lead Fund) to fill a critical gap for homeowners and income-property owners who do not qualify for free home lead services from the Michigan Department of Health and Human Services (MDHHS). The program offers a 50/50 cost-share incentive for participants in the Lead Fund program, covering 50 percent of the cost of lead abatement projects. incentive below. The 50/50 cost-share incentive can only be used for lead abatement projects financed with a Michigan Saves Lead Fund loan. This incentive is available for projects of \$2,000 or more. The minimum Michigan Saves loan amount is \$1,000. The maximum project amount is \$100,000. For more information visit <https://michigansaves.org/leadfund/>. Lastly DHD #10 will be hosting a MDHHS-Regional lead poisoning prevention meeting for local health department staff on June 14<sup>th</sup> in our Mecosta County office. The outreach and education lead prevention grant is funded by MDHHS and serves 21 +5 counties in northern-lower Michigan in Prosperity Regions 2 and 3.

**FY 2024 Caseload**

WIC Measure	Current Mo/Yr	Total Clients	Comparison Mo/Yr	Difference	
				#	%
Resident Enrollment	March 24	6,945	March 23	- 646	- 8.5%
Resident Participation	Feb 24	6,734	Feb 23	-436	-6.1%
Migrant Participation	Feb 24	131	Feb 23	-36	- 21.6%

Our WIC Program continues to face numerous staffing challenges in the 2<sup>nd</sup> quarter including two unforeseen staff resignations. Our WIC Supervisor and Coordinators are staffing additional clinics to ensure WIC clients are served and issued food benefits. I trust our team can regain WIC caseload as our staffing stabilizes.

*Respectfully Submitted,*

*Anne M. Bianchi, MS, RD, Family Health WIC Director*



## Board of Health

### School Health Division Report

### Fiscal Year 2024 Quarter 2 Report

---

**Item**– The School Health Division has had a busy 2<sup>nd</sup> quarter. As you will see in the data tables, there were 1,182 medical visits and 2,127 mental health visits at the school-based clinics.

**Item**- The DHD#10 Mobile Unit has been put to good use this quarter! With Cadillac Schools undergoing major renovations, the Wexford Adolescent Wellness Center has lost its space temporarily while a brand new clinic is being built inside the remodeled Cadillac High School. In the meantime, the Nurse Practitioners there have been seeing students for medical visits out of the Mobile Unit, you may have seen it parked at Cadillac High School. It has been great for the students to continue to have access to medical care. The plan is to continue to use the mobile unit through early June most days that school is in session. If it is needed for another outreach program or event, then the medical services for the WAWC will be moved to the health department.

**Item**- The applications have been submitted and accepted by MDHHS for the capital improvements for our school-based clinics. The total dollar amount that we will receive is approximately \$1,256,000. All of the sites will be getting IT upgrades, security upgrades, and updated furniture and equipment. A few will be undergoing major renovations!

**Item**- Some of the School Health Team will be attending the School Based Health Care Advocacy Day in Lansing on May 8<sup>th</sup>. Our staff will share stories of the good things happening for kids at our clinics and extend the invitation to elected officials to visit and tour or school-based clinic(s) in their jurisdiction.

*Respectfully Submitted,*

*Katy Bies*



## SCHOOL HEALTH PROGRAMS FY 2024 Q2

SCHOOL CLINIC SITE	UNDUPLICATED STUDENTS SERVED	MEDICAL SERVICES		MENTAL HEALTH Serv.		TOTAL SERVICES
	YTD	CURRENT	YTD	CURRENT	YTD	OCT 23-SEPT 24
CADILLAC SCHOOLS - Medical & Mental Health	151	53	154	150	310	464
CHIPPEWA HILLS SCHOOLS- Medical & Mental Health	267	149	392	311	573	965
GRAYLING SCHOOLS -Medical & Mental Health	163	114	225	231	429	654
LAKE CITY SCHOOLS - Medical & Mental Health	129	67	193	128	185	378
MASON COUNTY EASTERN SCHOOLS - Medical & Mental Health	99	66	167	8	8	175
SHELBY SCHOOLS - Medical & Mental Health	176	117	248	187	369	617
McBain Schools- Medical (nursing) & Mental Health	150	302	392	156	298	690
MESICK SCHOOLS - Medical (nursing) & Mental Health	93	92	178	183	358	536
MANTON SCHOOLS - Medical (nursing) & Mental Health	71	53	122	54	72	209
BRETHREN SCHOOL - Mental Health	45			225	504	504
Ludington Schools - Mental Health	39			118	245	245
Pentwater Schools- Mental Health	43			212	442	442
HART SCHOOLS - Mental Health	43			164	316	316
<b>TOTALS</b>	<b>1469</b>	<b>1013</b>	<b>2071</b>	<b>2127</b>	<b>4109</b>	<b>6195</b>

	Mackinaw Trail MS School Nurse	Bear Lake School Nurse	Brethren School Nurse	Morley Stanwood School Nurse	Total for FY 2024
Visits this Quarter	50	2	25	92	169
Visits YTD	78	10	178	168	434
Imms YTD	10	2	20	0	
Unduplicated this Quarter	37	2	8	57	104
Total Unduplicated	63	9	88	108	372

Q2	Wexford	Manistee	Mason	Mecosta	Newaygo	Oceana	Lake	Crawford	Kalkaska	Missaukee
HRA Lunch & Learns	4 (1735 ppl)	4 (228 ppl)	12 (745 ppl)							1 (40 ppl)
CPR /First Aid Classes				2 (22 ppl)		2 (54 People)				
Imms with HRAs non-nurse										



# Report to the Boards of Health

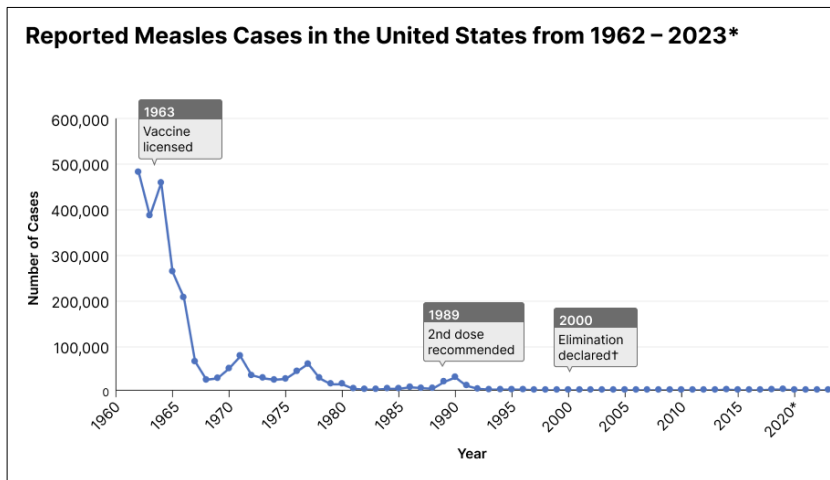
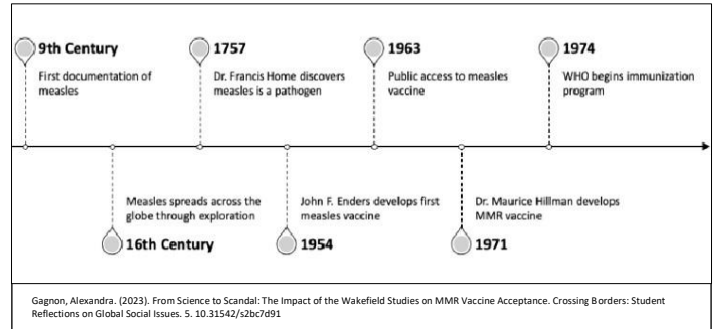
Jennifer Morse, MD, MPH, FAAFP, Medical Director

Mid-Michigan District Health Department, Wednesday, April 24, 2024  
Central Michigan District Health Department, Wednesday, April 24, 2024  
District Health Department 10, Friday, April 26, 2024



## Measles

The first record of measles is over 1,000 years old. It is thought to have started in cattle herders after a similar virus crossed over to them from cattle. Measles is still one of the most infectious diseases known to man. Work on a vaccine began in Boston in the 1950s. The measles, mumps, and rubella combination vaccine (M-M-R) was licensed in 1971 and measles was declared eliminated from the United States in 2000, meaning no measles normally spreads in the country and new cases are only found if someone gets measles outside the country and then returns to the US.



Red, watery eyes, runny nose, and rash of measles. Source: AAP

Measles is caused by a virus and spreads through the air by droplets from an infected person's talking, coughing, or sneezing. Measles usually begins with a fever, cough, runny nose, and red eyes for two to three days. After this, the fever spikes, often as high as 104-105°F, and a red blotchy rash appears. The rash usually starts on the head and face, and then spreads downward to the neck, trunk, arms, legs, and feet. The spots may join as they spread from the head to the body. It usually takes between 7-12 days after contact with an infected person for someone to develop measles, but in rare cases it can take up to 3 weeks. There is no specific treatment for measles. Most people are sick enough they will need to be home for at least a week and about 1 in 5 unvaccinated people will end up hospitalized.

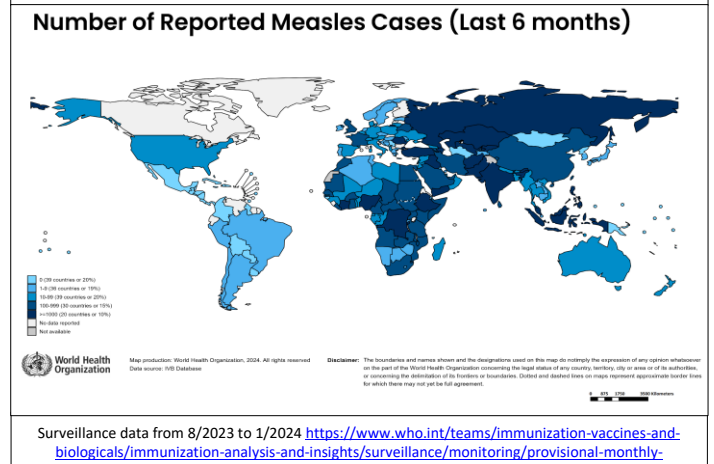
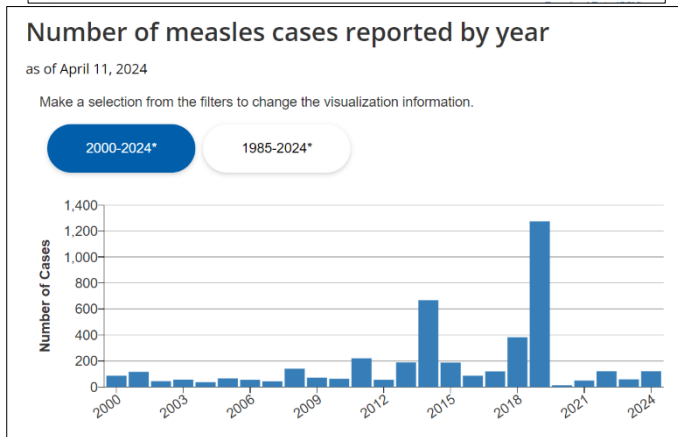
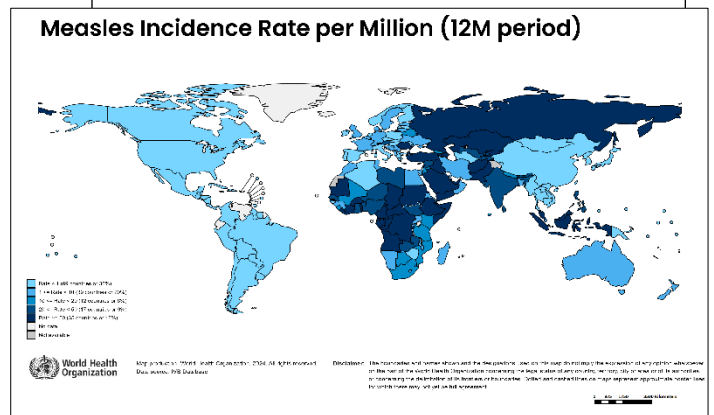
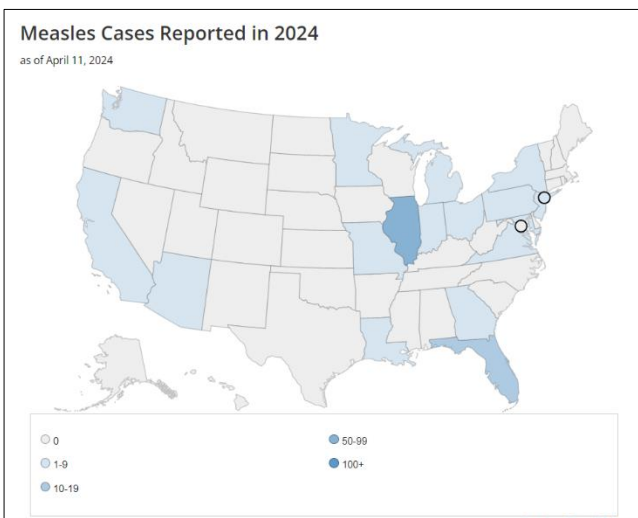
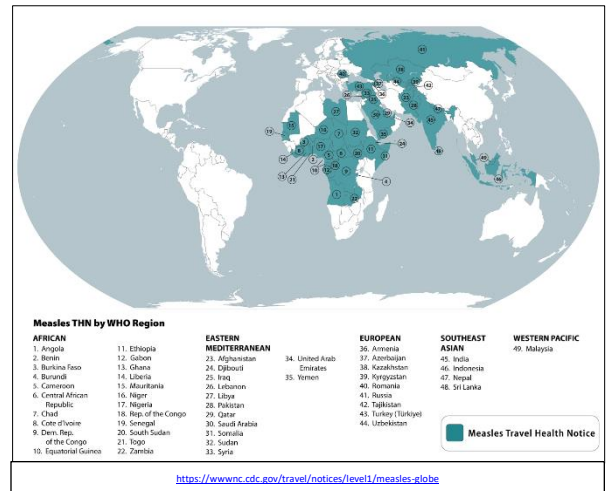
Around 1 in 20 people with measles develop pneumonia. Serious and even life-threatening problems can occur, such as encephalitis (swelling of the brain), seizures, and deafness. On average, 1 to 3 out of every 1,000 children with measles will die from complications.

In 2021, around 128,000 people died worldwide from measles, most under the age of 5. Since there are fewer cases of measles in the US, death isn't as common. Since 2000 there have been 12 deaths from acute measles in the US. The most recent was in 2019, a 37-year-old who died with meningitis. These deaths do not include those caused from subacute sclerosing panencephalitis (SSPE), a rare and often deadly complication from measles.

Between 2000 to 2019, there have been at least 35 deaths from SSPE in the US. SSPE is thought to be caused by the measles infection persisting in the brain. Most that get SSPE are under 20 years old and about half of those that get SSPE had measles when younger than 2 years old. SSPE usually starts 7 to 10 years after making a full recovery from measles. Those with SSPE develop memory loss, behavior changes, uncontrollable movements, and seizures. They may become blind, develop stiff muscles, become unable to walk, and eventually deteriorate to a persistent vegetative state or death.

Infection with measles can be harmful to your immune system. It can suppress the immune memories that you have created from past infections and vaccinations, leaving you vulnerable to many other infections. This is referred to as “immune amnesia”. Measles appears to do this by destroying immune memory cells and replacing them with memory cells programmed only for measles. It takes about 2 to 3 years for protective immune memory to come back. MMR vaccination does not cause immune amnesia to occur, while still protecting against measles infection.

Global measles cases are on the rise, and as of March 22, CDC confirmed that 49 countries had ongoing measles outbreaks. The WHO European region saw a 30-fold rise in measles cases in 2023 compared to 2022. The US has also seen an increased number of cases. As of April 11, 2024, a total of 121 measles cases were reported by Arizona, California, Florida, Georgia, Illinois, Indiana, Louisiana, Maryland, Michigan, Minnesota, Missouri, New Jersey, New York City, New York State, Ohio, Pennsylvania, Virginia, and Washington. For comparison, there were 58 cases in all of 2023.





The 121 cases of measles in 2024 have the following characteristics:

AGE	VACCINATION	HOSPITALIZED
57 (47%) are under 5 years	82% are unvaccinated or have an unknown vaccination history	56% (68) of cases have been hospitalized, which is above average. Of those hospitalized:
27 (22%) are 5-19 years	13% have had one MMR dose	<ul style="list-style-type: none"> <li>• 65% are under 5 years</li> <li>• 37% are 5-19 years</li> <li>• 57% are 20+ years</li> </ul>
37 (31%) are 20+ years	5% (6 cases) have had two MMR doses	

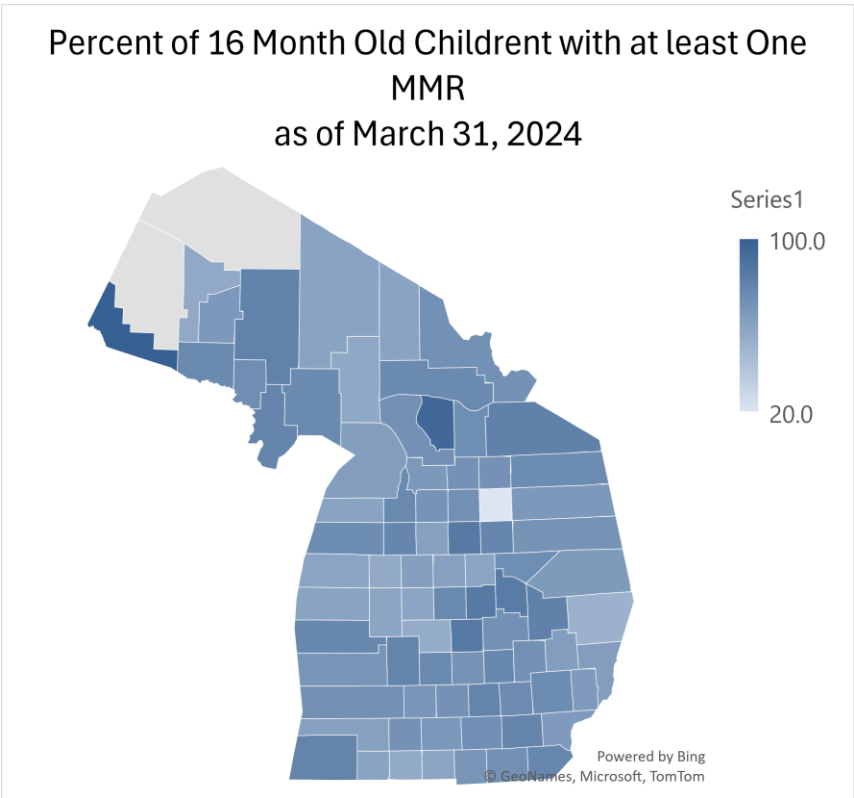
Illness, outbreaks, and death from measles mainly effects those that are not immune. Some countries still struggle with measles due to infrastructure issues like political instability, lack or collapse of a public health, and low supply of vaccines. Many countries also face distrust of vaccinations due to prior race-based missteps made by health officials and government leaders. Other areas have had outbreaks not due to lack of access to vaccines, but due to personal or religious objections to vaccination. Vaccine hesitancy and concerns date back as far as the first vaccine. Most concerns specific to the MMR vaccine started in the late 1990s.

In 1998, a British gastroenterologist, Andrew Wakefield and 12 co-authors published an article claiming that autism and gastrointestinal disorders were linked to the measles part of the MMR vaccine. Their study was based only on their observations of 12 patients. This article, published in the Lancet, was highly publicized. It was also highly criticized by other doctors and scientists as no one could duplicate his findings. After thorough investigation, Wakefield and the other authors were found guilty of deliberate fraud and falsifying their facts and the paper was retracted (pulled out of the journal). The investigation found that the patients in the study were recruited through an anti-MMR campaign, and the study was commissioned and funded to support planned legal actions.

Wakefield lost his medical license, yet he is still very active in the anti-vaccine community and his now-debunked research is still cited as evidence against the MMR vaccine. As an example of his continued impact, Wakefield gave talks to members of the Somali community in Minneapolis from 2010 to 2011, promoting the misunderstanding that autism was related to MMR vaccine. The vaccination rates in that community were 92% in 2009 and dropped to 42% by 2014. In 2017, Minneapolis had its biggest measles outbreak in 30 years, which was centered around the Somalian community. A total of 65 cases occurred, most were children under 2 years old, 85% were of Somali descent, 95% were unvaccinated, and 1 in 3 had to be hospitalized.

The link between autism and MMR vaccine has been evaluated in many studies and no evidence has been found to support it. Concerns were raised that thimerosal, a preservative used in vaccines, or the number of vaccines given at one time could be linked to autism. Again, evidence has not supported these claims. See <https://autismsciencefoundation.org/autism-and-vaccines-read-the-science/> for further information.

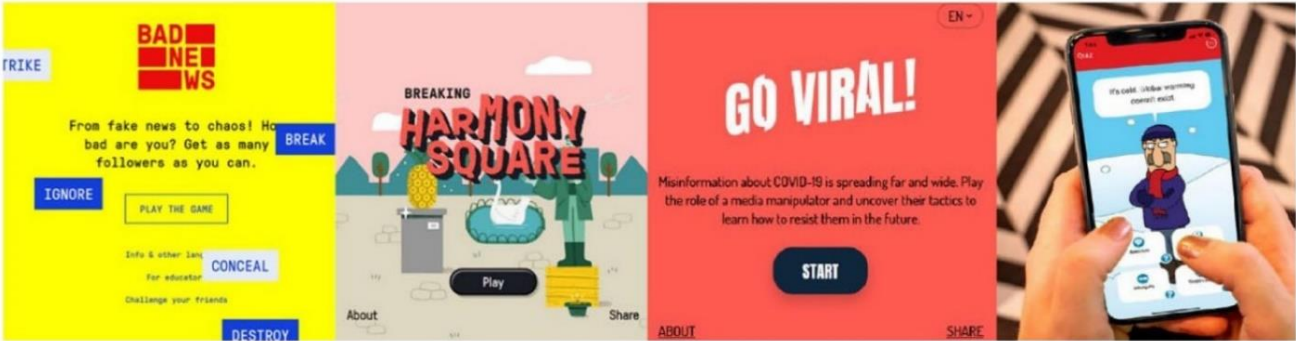
Many celebrities support anti-vaccination beliefs, most notably Jenny McCarthy, Jim Carrey, Robert F. Kennedy, Jr., and Robert DeNiro. Social media has made it very simple to create incorrect information that appear reputable and spread it quickly to others. The antivaccine movement had become a [major political power](#) and [multimillion dollar business](#). New and more complex vaccines continue to be created to the benefit of health, but also offer new opportunities for questions and concerns about safety and necessity. The American culture of questioning authority, including medicine and doctors, while rejecting the motives of big businesses like pharmaceutical companies, added to our natural skepticism makes it understandably challenging to promote vaccination and vaccine mandates.



Statewide	68.7%
<b>CMDHD</b>	
Arenac	72.7%
Clare	61.5%
Gladwin	59.1%
Isabella	75.6%
Roscommon	84.6%
Osceola	62.1%
<b>MMDHD</b>	
Clinton	69.6%
Gratiot	85%
Montcalm	54.7%
<b>DHD10</b>	
Crawford	71.4%
Kalkaska	68.8%
Lake	55.6%
Manistee	73.3%
Mason	59.1%
Mecosta	58.5%
Missaukee	61.5%
Newaygo	58.9%
Oceana	60%
Wexford	77.4%

**Recommendations:**

1. Be sure you are [immune to measles](#), especially if you are planning any international travel.
2. Consider being a pro-vaccination voice in your community. Toolkits are available at <https://www.voicesforvaccines.org/toolkits/>.
3. Consider protecting yourself from misinformation using the [inoculation theory](#), or “prebunking” yourself. Some useful resources are:



Bad News ([www.getbadnews.com](http://www.getbadnews.com)), Harmony Square ([www.harmonysquare.game](http://www.harmonysquare.game)), Go Viral! ([www.goviralgame.com](http://www.goviralgame.com)), Cranky Uncle ([www.crankyuncle.com](http://www.crankyuncle.com)).

## Sources

- History of Vaccines. Measles Timeline. <https://historyofvaccines.org/history/measles/timeline>
- Measles Cases and Outbreaks <https://www.cdc.gov/measles/cases-outbreaks.html#print>
- WHO. 2023. A 30-fold rise of measles cases in 2023 in the WHO European Region warrants urgent action. <https://www.who.int/europe/news/item/14-12-2023-a-30-fold-rise-of-measles-cases-in-2023-in-the-who-european-region-warrants-urgent-action>
- Hagen, A. 2024. Measles and Immune Amnesia. American Society For Microbiology. <https://asm.org/articles/2019/may/measles-and-immune-amnesia>
- Kade, H. 2024. Measles outbreak slowing in Chicago. Chicago Sun Times. <https://chicago.suntimes.com/health/2024/04/11/measles-outbreak-slowing-chicago-public-health-city-hall-immigration-vaccine>
- Iannelli, V. 2018. Costs of a Measles Outbreak. Vaxopedia. <https://vaxopedia.org/2018/06/11/costs-of-a-measles-outbreak/>
- Iannelli, V. 2018. When Was the Last Measles Death in the United States? Vaxopedia. <https://vaxopedia.org/2018/04/15/when-was-the-last-measles-death-in-the-united-states/>
- Conis, E. 2019. Vaccination Resistance in Historical Perspective. Organization of American Historians. <https://www.oah.org/tah/august-2/vaccination-resistance/>
- Fraud Behind the MMR Scare <https://www.immunize.org/clinical/vaccine-confidence/topic/mmr-vaccine/bmj-deer-mmr-wakefield/>
- Hall V, Banerjee E, Kenyon C, et al. Measles Outbreak — Minnesota April–May 2017. MMWR Morb Mortal Wkly Rep 2017;66:713–717. DOI: <http://dx.doi.org/10.15585/mmwr.mm6627a1>
- Center for Immunization Research and Education. A History of Hesitancy. [https://www.ndsu.edu/fileadmin/centers/immunize/documents/A\\_History\\_of\\_Hesitancy\\_2.0.pdf](https://www.ndsu.edu/fileadmin/centers/immunize/documents/A_History_of_Hesitancy_2.0.pdf)
- Piper, J. 2023. Anti-vaxxers are now a modern political force. Politico. <https://www.politico.com/news/2023/09/24/anti-axxers-political-power-00116527>
- Weber, L. 2024. Tax records reveal the lucrative world of covid misinformation. The Washington Post. <https://www.washingtonpost.com/nation/2024/02/21/covid-misinformation-earnings/>
- Center for Countering Digital Hate. 2021. Pandemic Profiteers. The Business of Anti-Vax. <https://counterhate.com/research/pandemic-profiteers/>
- Traberg, Cecilie S., Jon Roozenbeek, and Sander van der Linden. "Psychological inoculation against misinformation: Current evidence and future directions." *The ANNALS of the American Academy of Political and Social Science* 700.1 (2022): 136-151. <https://journals.sagepub.com/doi/full/10.1177/00027162221087936>



**District Health Department #10**  
**BOARD OF HEALTH**

**Health Officer Report**

*April 26, 2024*

1. **Epi Team Update:** Information on current case counts, vaccination efforts, outbreaks and other CD related issues will be shared at the meeting.
2. **PFAS Update:** Site specific updates will be shared at the Board meeting based upon recent and ongoing developments.
3. **Enforcement Actions:** Updates on recent enforcement actions taken by DHD#10 will be shared at the meeting.
4. **MAC Countywide Elected Officials Summit:** As MALPH President I had the opportunity to participate in the April 8<sup>th</sup> summit. Shared information on MALPH's position on the Statewide Sanitary Code, Kindergarten Oral Health Screening Program and Hearing and Vision Program.
5. **Mason County Stakeholder Meeting:** We have scheduled our next County Stakeholder meeting for Mason County on Monday, May 20<sup>th</sup> from noon until 1pm in the Ludington office meeting room. The Mason County Emergency Manager is assisting with setting this up.
6. **Plan of Organization:** At last month's Board meeting, approval was given to the DHD#10 2024 Plan of Organization required as part of this years state accreditation process. I have received notification that our plan was reviewed and approved with nothing else needed at this time. This years MDHHS Accreditation review will be the week of June 10<sup>th</sup>.
7. **EGLE Septic Replacement Loan Program:** I have shared information on this program previously. Included in the Board Packet is a flyer from EGLE on the availability of the Teir Two – Market Based Loan piece of this program. Tier One availability is expected later in May.

*Respectfully submitted:*

Kevin Hughes, MA  
Health Officer





# Septic Replacement Loan Program

## Spring Program Information for Homeowners (April–May 2024)

The Septic Replacement Loan Program (SRLP), created in partnership with the Michigan Department of Environment, Great Lakes, and Energy (EGLE), provides low-interest financing to Michigan homeowners for the replacement of failing or near-failing septic systems. EGLE contracted Michigan Saves to develop and manage the program.

A failing septic system can back up wastewater into your home or discharge wastewater onto the ground surface, potentially contaminating surface and drinking water supplies. This can expose children and pets to dangerous bacteria and viruses in your yard, which can then be tracked into your home. Replacing a failed septic system can be an unexpected financial burden, which is why the SRLP provides low-interest loan options for Michigan homeowners in need.

Homeowners can access two loan tiers by working with a Michigan Saves authorized septic installation contractor. Loans will range from \$1,000 to \$50,000 per project, and actual rates, terms, and loan amounts will vary. **Tier two financing is available now, and tier one financing will launch at the end of May 2024.**

## Program Eligibility

- Single-family homes, owner-occupied or rental property
- Sites with documented failing, near-failing, nonexistent, or similarly inadequate septic system (as documented by your local health department)
- Eligible costs include evaluation of the system, design, pumping, and installation
- All systems funded through this program must meet SRLP minimum standards

### TIER ONE

#### Income-qualified Loans

(Available Late May)

- Income-based loan
- Unsecured loan, no lien or collateral required
- Ability-to-pay underwriting criteria with limited use of traditional credit factors
- Interest rate no higher than 1%; terms up to ten years

### TIER TWO

#### Market-based Loans

(Available Now)

- Market-based loan
- Unsecured loan, no lien or collateral required
- Credit-based underwriting criteria
- Fixed interest rates starting around 8% (varies by lender); terms up to ten years

# How to Get Started

- 1 Work with a Michigan Saves authorized septic installation contractor to establish the project scope and final cost for your septic system replacement. Search for authorized contractors online at [michigansaves.org/find-a-contractor](https://michigansaves.org/find-a-contractor).
- 2 Work with your local health department to secure a construction permit that meets the SRLP minimum standards. Share the site evaluation soil report, construction permit and your failed system data form with your contractor.
- 3 Apply for a Michigan Saves loan online at [michigansaves.org/loancenter](https://michigansaves.org/loancenter).

Have a contractor that isn't authorized through Michigan Saves? Getting authorized is easy. They can learn more at [michigansaves.org/septiccontractors](https://michigansaves.org/septiccontractors).

## Tier One Additional Details

### 2024 Eligibility

Persons in Household	Maximum Adjusted Gross Income to Qualify
1	\$29,160
2	\$39,440
3	\$49,720
4	\$60,000
5	\$70,280
6	\$80,560
7	\$90,840
8	\$101,120

Tier one financing is launching in late May 2024 and is not currently available. If you do not qualify for tier one financing based on the income eligibility requirements listed above, we recommend that you move forward with tier two financing.

If you believe you qualify for tier one, you have the option to wait until tier one launches or move forward with your project with tier two financing (note: proof of income is required with your tier one application). We recommend you work with your Michigan Saves authorized septic installation contractor to determine the best course of action for you and your septic system.

## For More Information or Questions About the SRLP