

BOARD OF HEALTH

Monthly Meeting: June 24, 2022 - 9:30 a.m.

DHD #10

521 Cobb St, Cadillac

AGENDA

I.	Call to Order	Jim Maike, Chair
II.	Roll Call	
III. IV.	Review and Approval of the Agenda Review and Approval of Board of Health Meeting Minutes	May 20, 2022
V.	Public Comment	
VI.	Committee Reports	
	A. Executive Committee	Jim Maike
	B. Finance Committee	Action ItemAction Item
	C. Personnel Committee	Shelley Pinkelman
	D. Legislative Committee	Shelley Pinkelman
VII.	Administration Reports A. Medical Director B. Deputy Health Officer C. Health Officer	Sarah Oleniczak
VIII.	Public Health Comments	_
IX.	Other Business	
X.	Next Board of Health Meeting: Friday, July 29, at 9:30 a.m.	
XI.	Adjournment	



BOARD OF HEALTH

Meeting Minutes

May 20, 2022

I. Call to Order: Richard Schmidt, Co-Chair, called the meeting to order at 9:30 a.m.

II. Roll Call

Members Present - In Person: Shelley Pinkelman, Robert Baldwin, James Sweet, Dawn Martin,

Pauline Jaquish, Richard Schmidt, Ron Bacon, Nick Krieger, Tom O'Neil, Ray Steinke, Roger Ouwinga, Star Hughston, Bryan Kolk, Paul Erickson, Gary

Taylor, Julie Theobald

Staff In Person - Kevin Hughes, Dr. Jennifer Morse, Sarah Oleniczak, Christy Rivette, Donna

Norkoli

Members - Online:

Members Excused: Phil Lewis, Betty Dermyer, Jim Maike, Martha Meyette

Guests: Representative Michelle Hoitenga

III. **Approval of the Agenda.** Motion by Ray Steinke, seconded by Roger Ouiwinga to approve the meeting agenda.

Motion carried.

IV. **Approval of the Meeting Minutes.** Motion by Nick Krieger, seconded by Roger Ouiwinga to approve the minutes of the April 29, 2022, meeting.

Motion carried.

- V. **Public Comment:** No Public Comment
- VI. Committee Reports
 - A. Executive Committee No Updates
 - B. Finance Committee: Kevin presented the accounts payable and payroll finance report. Full report for April will be presented at the June meeting. Amended budget will be brought to the board at the June meeting.

Approve Accounts Payable and Payroll. Motion by Ray Steinke, seconded by Bryan Kolk, to approve the accounts payable and payroll.

Roll Call

Shelley Pinkelman	Yes	Tom O'Neil	Yes
Robert Baldwin	Yes	Ray Steinke	Yes
James Sweet	Yes	Roger Ouwinga	Yes

Dawn Martin	Yes	Star Hughston	Yes
Pauline Jaquish	Yes	Bryan Kolk	Yes
Richard Schmidt	Yes	Paul Erickson	Yes
Ron Bacon	Yes	Gary Taylor	Yes
Nick Krieger	Yes	Julie Theobald	Yes

Motion Carried

- C. Personnel Committee Personnel Committee meeting to be held June 17th, 10:00 in the DHD #10 Cadillac office. Discussion will include, recruitment, retention and modifying policy regarding hiring family members. A notice will be mailed out the members.
- D. Legislative Committee Representative Hoitenga presented updates to the board on items that were voted on in Lansing yesterday. Some of the items voted on, were relief for families, earned income tax credit and \$500 childcare relief and reduction in the income tax. Discussion was had on infrastructure, Representative Hoitenga encouraged calling your representatives. Discussion on the 60/40 public health funding. Public Health has had flat funding for the last few years. Concerns were brought up about the language in the funding for Public Health, that services are going to start suffering. Representative Hoitenga to research.

VII. Administration Reports

A. Medical Director. Dr. Jennifer Morse shared a report on Eat Safe Fish. Eating 1-2 meals a week of non-fried or shellfish has benefits preventing heart disease and strokes. Avoid fish that may have chemicals such as mercury. Safe fish to eat are listed in report. Recommendations are to eat more unfried fish and follow safe fish recommendations from FDA, EPA and MDHHS to avoid excess mercury and other chemicals.

Approve recommendations presented by Dr. Morse. Motion made by Richard Schmidt, seconded by Ray Steinke to approve recommendations by Dr. Morse

Motion Carried

- B. Deputy Health Officer Sarah Oleniczak gave an update on 4 grants that were funded for Adolescent Health. The grant covers middle and high schools in McBain, Pentwater, Chippewa Hills and Ludington. There will be a full-time mental health worker and nurse practitioner. High risk students will be referred to CMH. Donna Norkoli, Health Promotion Coordinator gave a presentation on dental partnering for heart health. This grant partnered dental agencies with other agencies such as Spectrum, Ferris University and Family Health. Challenges, successes, and lessons learned was shared with the group.
- C. Health Officer Kevin Hughes gave an update on the EPI team. The team will now focus on what is happening in the community. The team will meet every two weeks. Avian Flu follow up, 2 eagles found dead, one in Manistee, one in Benzie. One commercial breeder found positive; the flock was destroyed.

PFAS update, townhall held in Grayling on May 10th, the National Guard provided an update on Triple A foam, it is not being used as broadly as in the past. Filter process was shared. Eagle/Ottawa site, 17 homes were tested, 8 out of 9 results came back with no detection. CTC still waiting on the results.

Hughes is currently on a Safe Drinking Water committee, 2 meetings so far. More to come.

Manistee and Mecosta Health Summit have been done, one more left, June 3rd, Crawford County at Kirtland Community College.

Upcoming NALBOH conference August 1-3- in Grand Rapids, if interested in attending, let Hughes know so he can register you.

OPIOD settlement funds will be released in July. More to come on how the funds will be used

Large quantity of COVID home test kits that were ordered in January have arrived. Team will be distributing to community partners.

VIII. **Other Business**. Baby Formula – Some counties are having more issues than others. Staff are working with families in need, Hughes will follow up with WIC Coordinator and share updates. Dr. Morse shared the dangers of giving babies under 1 cow/goat milk and does not recommend you make your own formula.

Due to the shortage of dentists and hygienists the closure of the dental offices has created a back log. Julie Theobald, new Board of Health member was introduced.

IX. **Public Comment** – No Public Comment

X. **Next Meeting**

The next regular meeting of the Board of Health is scheduled for Friday, June 24th, at 9:30 a.m. at the Cadillac Office.

Richard Schmidt adjourned the meeting at 10:51am

Prepared by: Christine Lopez, MBA Administrative Services Director

District Health Department #10 Balance Sheet May 31, 2022

ASSETS

Current Assets	
Cash	12,215,888.21
Due from State	1,992,295.81
Due From Others	895,422.66
Total Current Assets	15,103,606.68
Other Assets	
Inventory	259,623.00
Prepaid Expense	242,382.22
Total Other Assets	502,005.22
Total ASSETS	15,605,611.90
LIABILITIES	
Current Liabilities	
Accounts Payable	202,796.42
Payroll Taxes/Deductions Due	473,416.36
Accrued Wages	<u>591,170.65</u>
Total Current Liabilities	1,267,383.43
Other Liabilities	
Deferred Revenue	5,718,625.28
Total LIABILITIES	6,986,008.71
FUND BALANCE	
Fund Balance	8,180,941.43
Increase in Fund Balance	438,661.76
Total FUND BALANCE	8,619,603.19
LIABILITIES AND FUND BALANCE	15,605,611.90

				Percent Budget	l otal Bud
	Current Month	YTD Actual	Budget	Remaining	Variar
nues					
e & Federal Funding	12 652 44	102 042 62	125 000	(22.75)0/	(22.056
Adolescent Health Center - Lake City Clinical	12,653.44	102,943.62	135,000	(23.75)%	(32,056.
Adolescent Health Center - Mason County Eastern	-	135,000.00	135,000	0.00%	(10.042
Beach Monitoring	-	556.07	11,500	(95.16)%	(10,943.
Beach Monitoring - Other	4.017.02	732.63	74 900	0.00%	732
Breast Cervical Cancer Control Program Brethren High School Mental Health Grant	4,017.93 11,354.30	44,580.09	74,800	(40.40)%	(30,219
CCL HUB	11,354.30	94,930.06	100,000 256,755	(5.07)%	(5,069
CHA Needs Assessment	-	-		(100.00)%	(256,755
Childrens Special Health Care Services	-	182,216.00	18,681 298,541	(100.00)% (38.96)%	(18,681 (116,325
'	3,263.30	56,233.47	100,000	(43.77)%	(43,766
Chippewa Hills School Mental Health Grant CHIR - Communications	3,203.30	50,255.47	22,284	(100.00)%	(22,284
CJS Alliance	4,225.84	19,213.82	•		-
Communicable Disease	4,223.04	258,607.00	23,466	(18.12)%	(4,252
	-	236,007.00	359,030	(27.97)%	(100,423
COVID MI Supplemental Funding	- E4 070 04	221 474 96	10,000	(100.00)%	(10,000
COVID MI Supplemental Funding	54,970.94	231,474.86	1,185,790	(80.48)%	(954,315
Cross Jurisdictional Sharing Admin	1,818.35	19,397.76	44,530	(56.44)%	(25,132
CSHCS Variation Tribinity	- - 100.25	40,673.33	110,000	(63.02)%	(69,326
CSHCS Vaccine Initiative	6,199.25	15,607.26	21,321	(26.80)%	(5,713
Dental Partnering for Heart Health	453.73	73,231.65	69,329	5.63%	3,90
Dental Sealants	281.81	15,091.07	30,000	(49.70)%	(14,908
Drinking Water	39,364.87	340,334.96	448,757	(24.16)%	(108,422
ELC Contact Tracing and Wraparound	7,986.46	349,999.67	755,142	(53.65)%	(405,142
ELC COVID Infection Prevention - CELC	12,188.26	59,570.07	90,000	(33.81)%	(30,429
Emergency Preparedness	12,208.45	115,159.52	161,987	(28.91)%	(46,827
Family Planning	1.00	369,726.00	401,579	(7.93)%	(31,853
Food Service	-	270,791.00	270,791	0.00%	(2.27
General EH - Campgrounds	-	3,575.00	5,950	(39.92)%	(2,375
General EH - DHHS Inspection	3,690.00	23,595.00	41,000	(42.45)%	(17,405
General EH - Pools & Spas	-	3,955.00	5,400	(26.76)%	(1,445
Grayling Water Recovery	4,801.14	17,375.24	70,233	(75.26)%	(52,857
Harm Reduction Support	44,328.10	70,000.00	90,000	(22.22)%	(20,000
Hart High School Mental Health Grant	11,345.41	68,460.49	100,000	(31.54)%	(31,539
Hearing	-	70,808.00	70,808	0.00%	(27.22
HFA FFPSA Lake County	11,981.46	102,773.91	130,000	(20.94)%	(27,226
HIV Prevention	5,724.68	22,084.50	45,000	(50.92)%	(22,915
Imms VFC/INE	-	16,600.00	15,000	10.67%	1,60
Immunizations	-	207,484.00	207,484	0.00%	
Immunizations IAP	12,609.63	87,015.46	108,280	(19.64)%	(21,264
Immunizations Vaccine Quality Assurance	-	54,660.00	54,660	0.00%	
Interconnected MH System-Mason	-	-	39,605	(100.00)%	(39,605
Lead Home Visiting	-	-	500	(100.00)%	(500
MCH Women	2,895.97	35,147.09	78,000	(54.94)%	(42,852
MCIR	14,693.36	121,594.67	175,000	(30.52)%	(53,405
Medicaid Outreach	41,640.55	298,750.49	395,799	(24.52)%	(97,048
MI Home Visiting IRE (HFA)	49,292.80	417,221.80	569,651	(26.76)%	(152,429
MI Safer Schools	77,041.92	707,435.75	1,206,708	(41.37)%	(499,272
Non Community Water	16,650.00	133,202.00	180,492	(26.20)%	(47,290
On-Site Sewage - Septic Systems	9,734.53	334,671.57	387,374	(13.61)%	(52,702
Oral Health Kindergarten Screening	5,856.43	6,274.39	-	0.00%	6,27
PFAS Rothbury	436.70	2,050.09	18,982	(89.20)%	(16,931
PFAS Wexford Missaukee CTC	180.22	10,302.68	-	0.00%	10,30
Prosperity Grant/CLPP	3,586.19	29,528.55	40,000	(26.18)%	(10,471
Regional Perinatal Care System	16,257.73	29,151.73	170,000	(82.85)%	(140,848
Rotary Charities	-	-	2,887	(100.00)%	(2,887
Rural Health Network - CHIR	-	30,188.00	32,000	(5.66)%	(1,812
STI Clinics	-	45,000.00	45,000	0.00%	
Tobacco Grant	4,392.73	20,577.21	40,000	(48.56)%	(19,422
Vision	-	70,808.00	70,808	0.00%	
WIC Migrant	5,913.11	84,979.92	98,000	(13.29)%	(13,020

	Current Month	YTD Actual	Budget	Percent Budget Remaining	l otal Budget Variance
WIC Peer Counselor	27,160.05	217,708.41	297,969	(26.94)%	(80,260.59)
WIC Resident	149,092.63	1,216,936.49	1,570,745	(22.52)%	(353,808.51)
Wisewoman Coordination	5,201.69	22,248.22	25,000	(11.01)%	(2,751.78)
Total State & Federal Funding	695,494.96	7,378,233.57	11,522,618	(35.97)%	(4,144,384.43)
Other Funding					
Administration	-	-	5,055	(100.00)%	(5,055.00)
Adolescent Health Center - Cadillac	12,666.22	190,826.24	215,000	(11.24)%	(24,173.76)
Adolescent Health Center - Lake City Clinical	1,666.67	55,740.84	-	0.00%	55,740.84
Adolescent Health Center - Mason County Eastern	1,666.67	13,333.34	-	0.00%	13,333.34
Adolescent Health Center - Shelby	2,750.00	203,755.11	215,000	(5.23)%	(11,244.89)
Adolescent Health Center - Viking Wellness Center	2,099.38	114,943.60	155,000	(25.84)%	(40,056.40)
Agnes Taylor Fund	-	123.22	4,215	(97.08)%	(4,091.78)
AHC COVID Immunization	41,402.94	116,548.94	180,647	(35.48)%	(64,098.06)
AHC Lake City MH Expansion	1,051.33	8,062.28	-	0.00%	8,062.28
AHC Mason County Eastern MH Expansion	3,484.90	9,992.13	-	0.00%	9,992.13
Beach Monitoring - Other	-	-	3,000	(100.00)%	(3,000.00)
Brethren High School Mental Health Grant	1,666.67	13,333.34	102.200	0.00%	13,333.34
Building Lease Cadillac	8,600.00	68,800.00	103,200	(33.33)%	(34,400.00)
Building Lease Hart CATCH Grant	5,300.00	42,400.00	63,600	(33.33)%	(21,200.00)
CC HUB NW	2,099.86	10,296.50	10,000	2.96% 0.00%	296.50 59,651.00
CD Billing Counties	7,456.67	59,651.00 1,440.10	2,500	(42.40)%	(1,059.90)
CHA Needs Assessment		24,000.00	25,000	(4.00)%	(1,000.00)
Chippewa Hills School Mental Health Grant	1,666.67	13,333.34	23,000	0.00%	13,333.34
CHIR - Communications	3,146.00	5,986.00	10,000	(40.14)%	(4,014.00)
CHIR BBO	1,222.02	18,273.60	25,000	(26.91)%	(6,726.40)
Coalition Capacity Building Lake	1,798.21	4,958.05	-	0.00%	4,958.05
Coalition Capacity Building Manistee	3,460.76	16,453.22	_	0.00%	16,453.22
Coalition Capacity Building Mason	797.39	1,830.03	_	0.00%	1,830.03
Communicable Disease	-	450.00	_	0.00%	450.00
Community Health	6,500.00	19,470.00	12,500	55.76%	6,970.00
COVID Health Disparities - Rural Health	18,505.41	39,764.57	-	0.00%	39,764.57
COVID Prevention Missaukee	581.85	6,784.78	8,342	(18.67)%	(1,557.22)
COVID Prevention Wexford	1,056.84	10,348.85	17,389	(40.49)%	(7,040.15)
CSHCS Thorton Fund Kalkaska	-	3,488.87	5,977	(41.63)%	(2,488.13)
Dental Outreach	-	4,520.01	30,000	(84.93)%	(25,479.99)
Early On Oceana	-	314.46	1,248	(74.80)%	(933.54)
EPI	-	350.00	-	0.00%	350.00
Finance	12,500.00	92,336.00	113,352	(18.54)%	(21,016.00)
Gambling Disorder Prevention Project Grant	1,758.39	14,020.82	23,000	(39.04)%	(8,979.18)
Grayling School Mental Health	2,362.29	23,128.76	30,000	(22.90)%	(6,871.24)
Hart High School Mental Health Grant	1,666.67	13,333.34	-	0.00%	13,333.34
Healthy Families America - Manistee/Missaukee	9,960.66	107,497.18	154,146	(30.26)%	(46,648.82)
Immunizations	-	-	305,500	(100.00)%	(305,500.00)
Interconnected MH System-Mason	24,103.89	88,678.14	250,000	(64.53)%	(161,321.86)
LiveWell for your Heart	3,218.62	26,048.75	54,689	(52.37)%	(28,640.25)
Maternal Infant Health Program	-	500.00	-	0.00%	500.00
MCDC	24,545.96	212,267.95	400,000	(46.93)%	(187,732.05)
Medical Marihuana Operations and Oversight Grant	485.09	9,457.81	-	0.00%	9,457.81
Medical Marihuana Operations and Oversight Grant	110.50	2,219.29	-	0.00%	2,219.29
Medical Marihuana Operations and Oversight Grant	194.13	4,206.24	-	0.00%	4,206.24
Medical Marihuana Operations and Oversight Grant	491.88	8,374.53	-	0.00%	8,374.53
Nursing Administration	2,527.50	2,527.50	100.000	0.00%	2,527.50
Oceana LEADS DFC	6,817.45	69,184.02	100,000	(30.82)%	(30,815.98)
Prevention	5,250.15	70,426.92	107,540	(34.51)%	(37,113.08)
Prevention Grant Missaukee Prevention Grant Wexford	2,025.83 4 480 81	12,484.64 31 012 04	20,854 43 472	(40.13)% (26.59)%	(8,369.36)
	4,480.81 1,936.08	31,912.94 15,928.45	43,472 10,000	(26.59)% 59.28%	(11,559.06) 5,928.45
Rotary Charities Rx for Health	17,218.91	132,521.83	246,566	59.28% (46.25)%	5,928.45 (114,044.17)
School Wellness Center - Manton/Mesick	20,962.51	151,143.00	170,000	(11.09)%	(18,857.00)
SCHOOL WEITHESS CERTEE - Plantoll/Plesick	20,302.31	131,173.00	170,000	(11.03)70	(10,037.00)

				Percent Budget	I otal Budget
	Current Month	YTD Actual	Budget	Remaining	Variance
Snap Ed Full-Year	9,013.56	64,127.95	92,710	(30.83)%	(28,582.05)
State Opioid Response (SOR) Lake	1,709.10	9,496.26	10,000	(5.04)%	(503.74)
State Opioid Response (SOR) Mason	36.19	9,012.38	45,000	(79.97)%	(35,987.62)
State Opioid Response (SOR) Oceana	18.48	8,250.85	15,000	(44.99)%	(6,749.15)
Sub Abuse COVID Supplemental - Lake	540.53	6,548.00	5,260	24.49%	1,288.00
Sub Abuse COVID Supplemental - Mason	2,332.18	10,537.44	15,782	(33.23)%	(5,244.56)
Sub Abuse COVID Supplemental - Oceana	3,452.47	7,732.56	16,748	(53.83)%	(9,015.44)
Sub Abuse COVID Supplemental Lake21	(35.36)	5,336.64	-	0.00%	5,336.64
Sub Abuse COVID Supplemental Mason21	(7.28)	7,986.06	-	0.00%	7,986.06
Sub Abuse COVID Supplemental Oceana21	2,730.83	14,353.94	-	0.00%	14,353.94
Substance, Education and Awareness (SEA) Coalition -	-	8,000.00	8,500	(5.88)%	(500.00)
Tobacco/ENDS Education	-	-	1,000	(100.00)%	(1,000.00)
Vaccine Marketing	-	12,000.00	12,000	0.00%	-
WIC Resident	-		200	(100.00)%	(200.00)
Total Other Funding	293,054.48	2,331,152.61	3,343,992	(30.29)%	(1,012,839.39)
Dillion Devices					
Billing Revenue	17 212 64	25.012.75	00.000	(60.10)0/	(54.007.35)
Adolescent Health Center - Cadillac	17,212.64	35,912.75	90,000	(60.10)%	(54,087.25)
Adolescent Health Center - Lake City Clinical	4,346.04	17,658.71	50,000	(64.68)%	(32,341.29)
Adolescent Health Center - Mason County Eastern	911.17	4,384.41	50,000	(91.23)%	(45,615.59)
Adolescent Health Center - Shelby	23,622.90	46,498.46	62,000	(25.00)%	(15,501.54)
Adolescent Health Center - Viking Wellness Center BCCCP Direct	13,008.33	19,969.75	40,000	(50.08)%	(20,030.25)
Breast Cervical Cancer Control Program	172.00	5,332.22	6,000	(11.13)%	(667.78)
5	180.00 50.51	3,917.04 687.37	5,000 30,000	(21.66)%	(1,082.96)
Brethren High School Mental Health Grant	50.51		30,000	(97.71)%	(29,312.63)
CC HUB NW CCL HUB	-	97,163.00	267 900	0.00%	97,163.00
	0.070.14	-	267,800	(100.00)%	(267,800.00)
Chippewa Hills School Mental Health Grant CJS Alliance	8,979.14	35,183.50	47,000	(25.14)%	(11,816.50)
	-	-	4,000	(100.00)%	(4,000.00)
COVID MI Supplemental Funding	85,039.98	- 604 221 00	10,000	(100.00)% 0.00%	(10,000.00)
COVID MI Supplemental Funding Dental Sealants	65,059.96	684,321.08 1,648.00	10.000		684,321.08
Dental Varnish	-	1,648.00	10,000 25,000	(83.52)%	(8,352.00)
	1 407 52			(99.42)%	(24,856.11)
Family Planning Hart High School Mental Health Grant	1,407.53 63.47	63,167.87 26,147.18	150,000 40,000	(57.89)% (34.63)%	(86,832.13)
Hearing	2,410.40	14,124.60	16,000	(11.72)%	(13,852.82) (1,875.40)
Immunizations	84,812.78	333,411.15	500,000	(33.32)%	
Lead Hemoglobin	98.42	932.01	12,000	(92.23)%	(166,588.85) (11,067.99)
Maternal Infant Health Program	29,320.55	277,443.95	638,000	(56.51)%	(360,556.05)
MCH Women	160.81	160.81	-	0.00%	160.81
MI Home Visiting IRE (HFA)	(140.81)	100.01	_	0.00%	100.01
School Wellness Center - Manton/Mesick	2,856.39	23,535.15	32,312	(27.16)%	(8,776.85)
STI Clinics	185.30	3,785.95	5,000	(24.28)%	(1,214.05)
Vision	2,465.60	15,085.40	20,000	(24.57)%	(4,914.60)
Wisewoman Coordination	-	9,150.00	5,000	83.00%	4,150.00
Total Billing Revenue	277,163.15	1,719,764.25	2,115,112	(18.69)%	(395,347.75)
Medicaid Cost Settlement Medicaid Cost Report	325,000.00	950,000.00	2,000,000	(52.50)%	(1,050,000.00)
Total Medicaid Cost Settlement	325,000.00	950,000.00	2,000,000	(52.50)%	(1,050,000.00)
iotai riculcălu Cost Settlefffeff	323,000.00	930,000.00	۷,000,000	(32.30)%	(1,030,000.00)
Environmental Health Revenue	172,093.62	1,122,422.33	1,734,500	(35.29)%	(612,077.67)

				Percent Budget	l otal Budget
	Current Month	YTD Actual	Budget	Remaining	Variance
Appropriations	247,873.30	1,982,986.58	2,974,480	(33.33)%	(991,493.42)
Other Revenue					
MMRMA Distribution	-	32,291.00	32,291	0.00%	-
Workers Compensation Dividends	-	24,973.00	24,973	0.00%	-
Other	26,747.03	78,183.61	113,500	(31.12)%	(35,316.39)
Total Other Revenue	26,747.03	135,447.61	170,764	(20.68)%	(35,316.39)
Total Revenues	2,037,426.54	15,620,006.95	23,861,466	(34.54)%	(8,241,459.05)
				Percent Budget	Total Budget
Expenses	Current Month	YTD Actual	Budget	Remaining	Variance
Wages	960,423.76	7,566,080.04	12,222,064	38.09%	4,655,983.96
Fringes	449,430.81	4,161,007.62	5,891,406	29.37%	1,730,398.38
Travel	48,582.31	282,803.35	590,121	52.08%	307,317.65
Supplies	44,181.64	632,917.44	1,441,129	56.08%	808,211.56
Contractual	59,535.13	376,889.98	929,211	59.44%	552,321.02
Communications	27,835.40	237,474.05	363,326	34.64%	125,851.95
Printing/Publishing	7,833.61	66,617.63	125,053	46.73%	58,435.37
Education/Training	6,261.69	38,937.37	71,685	45.68%	32,747.63
Liability Insurance	8,347.08	65,603.68	100,130	34.48%	34,526.32
Maintenance	82,802.37	332,433.70	517,447	35.76%	185,013.30
Space	125,601.98	1,013,982.39	1,294,162	21.65%	280,179.61
Capital Outlay	1,280.68	83,129.99	281,000	70.42%	197,870.01
County DSH/Dental	38,445.96	323,467.95	566,800	42.93%	243,332.05
Total Expenses	1,860,562.42	15,181,345.19	24,393,534	37.76%	9,212,188.81
Increase (Decrease) Fund Balance	176,864.12	438,661.76	(532,068)	(182.44)%	970,729.76

District Health Department #10 Aged Receivable Report 05/01/2022 - 05/31/2022

	Balance	Current	31-60 Days	61-90 Days	91+ Days
Due From County	-	-	-	-	-
Due From Other					
Due From Adolescent Health Center Grant	61,326.24	9,916.22	20,394.02	31,016.00	-
Due From Adolescent Health Center Grayling Gran	24,110.26	432.71	11,125.55	12,552.00	-
Due From Adolescent Health Center Shelby Grant	74,255.11	-	25,269.11	26,877.00	22,109.00
Due From AHC - Lake City Clinical	10,455.76	1,403.44	9,052.32	-	-
Due From AHC - Mason County Eastern	45,000.00	, -	<i>,</i> -	12,059.95	32,940.05
Due From AHC COVID Immunization	105,536.94	41,402.94	29,054.00	15,003.00	20,077.00
Due From Basic Flex	73,586.78	-	-	-	73,586.78
Due From CCL Hub	22,366.00	7,456.67	7,456.33	7,453.00	-
Due From CHA Needs Assessment	5,970.00	-	5,970.00	-	-
Due From CHIR	3,319.60	1,222.02	1,052.58	1,045.00	-
Due From CHIR Communications	15,445.00	3,146.00	2,840.00	9,459.00	_
Due From CHIR Rotary Charities	4,312.45	1,936.08	2,376.37	-	_
Due From CHW Project - McLaren	4,202.10	227.10	-	-	3,975.00
Due From CHW Project - Meridian	13,772.00	13,772.00	_	-	-
Due From Coalition Capacity Building	10,583.30	6,056.36	4,237.00	289.94	_
Due From COVID Health Disparities	39,764.57	18,505.41	15,701.16	5,558.00	_
Due From COVID Prevention	5,641.63	1,638.69	4,002.94	-	_
Due From COVID Vaccination Clinic	54,970.94	54,970.94	-	-	_
Due From Dental Partnership	13,835.65	453.73	13,381.92	-	_
Due From DFC Oceana LEADS	14,700.02	6,817.45	7,882.57	-	_
Due From Gamblin Disorder Grant	5,373.82	1,758.39	843.43	2,772.00	_
Due From Grayling Mental Health Grant	5,471.84	2,362.29	3,109.55	-,	_
Due From Healthy Families Manistee/Missaukee	36,112.18	9,960.66	12,205.52	13,946.00	_
Due From MCDC	25,558.96	25,558.96	,		_
Due From MMOOG	24,257.87	1,281.60	15,917.27	7,059.00	_
Due From Others	- 1,-51	-,	-	-	_
Due From Prevention	5,249.92	5,249.92	_	-	_
Due From Prevention Grant Miss/Wex	11,357.58	6,506.64	4,850.94	-	_
Due From SA COVID Supplemental	21,316.64	9,013.37	12,303.27	_	_
Due from School Wellness Grant	46,143.00	18,462.51	10,052.49	17,628.00	_
Due From Snap	17,998.21	9,013.56	8,984.65	- ,020.00	_
ue From Other Sum	801,994.37	258,525.66	228,062.99	162,717.89	152,687.83
Due From State	2,085,724.10	2,067,315.49	11,031.60	6,165.31	1,211.70
	, ,	•	•	•	•
Grand Total	2,887,718.47	2,325,841.15	239,094.59	168,883.20	153,899.53

Percentages 80.54% 8.28% 5.85% 5.33%

District Health Department #10 Cash Flow Analysis June 16, 2022

Beginning Cash Balance	June 12,469,700	July 11,255,517	August 10,272,470	September 9,520,355
Receipts:				
State Funding	-	800,000	800,000	800,000
Billing Revenue	50,000	50,000	50,000	50,000
EH Fees	75,000	100,000	100,000	100,000
Appropriations	-	232,000	-	-
Other	100,000	200,000	200,000	200,000
Total	225,000	1,382,000	1,150,000	1,150,000
Expenses:				
Wages	462,932	1,388,796	925,864	925,864
Benefits	477,266	477,266	477,266	477,266
Other	498,985	498,985	498,985	498,985
Total	1,439,183	2,365,047	1,902,115	1,902,115
Total Cash & Investments	11,255,517	10,272,470	9,520,355	8,768,240

Accounts Payable

	Amount	Date
21995 - 22143, 508550 - 508625	\$1,386,102.72	May - June
1300 - 1305		
Total Accounts Payable	\$1,386,102.72	

Payroll

70801 - 71513	\$1,033,299.38	May - June
Total Payroll	\$1,033,299.38	

Total Expenditures \$2,419,402.10

Prepared by: Christine Lopez, MBA Administrative Services Director

District Health Department #10 Balance Sheet April 30, 2022

ASSETS

Current Assets	
Cash	12,063,336.63
Due from State	1,772,163.04
Due From Others	940,793.04
Total Current Assets	14,776,292.71
Other Assets	
Inventory	259,623.00
Prepaid Expense	237,998.39
Total Other Assets	497,621.39
Total ASSETS	15,273,914.10
LIABILITIES	
Current Liabilities	
Accounts Payable	169,173.06
Payroll Taxes/Deductions Due	443,053.21
Accrued Wages	<u>515,889.69</u>
Total Current Liabilities	1,128,115.96
Other Liabilities	
Deferred Revenue	5,703,059.07
Total LIABILITIES	6,831,175.03
FUND BALANCE	
Fund Balance	8,180,941.43
Increase in Fund Balance	261,797.64
Total FUND BALANCE	8,442,739.07
LIABILITIES AND FUND BALANCE	15,273,914.10

				Percent Budget	l otal Bud
	Current Month	YTD Actual	Budget	Remaining	Varia
nues					
e & Federal Funding	14 002 72	00 200 10	125.000	(22.12)0/	(44.700
Adolescent Health Center - Lake City Clinical	14,802.72	90,290.18	135,000	(33.12)%	(44,709)
Adolescent Health Center - Mason County Eastern	-	135,000.00	135,000	0.00%	(10.042
Beach Monitoring	-	556.07	11,500	(95.16)%	(10,943
Beach Monitoring - Other	2 717 62	732.63	74.900	0.00%	732
Breast Cervical Cancer Control Program	3,717.62	40,562.16	74,800	(45.77)%	(34,237
Brethren High School Mental Health Grant	10,747.88	83,575.76	100,000	(16.42)%	(16,424
CCL HUB	-	-	256,755	(100.00)%	(256,755
CHA Needs Assessment	4 540 00	182,216.00	18,681	(100.00)%	(18,681
Childrens Special Health Care Services	4,540.00	•	298,541	(38.96)%	(116,325
Chippewa Hills School Mental Health Grant	3,400.76	52,970.17	100,000	(47.03)%	(47,029
CHIR - Communications	-	-	22,284	(100.00)%	(22,284
CJS Alliance	1,667.60	14,987.98	23,466	(36.13)%	(8,478
Communicable Disease	1,955.44	258,607.00	359,030	(27.97)%	(100,423
Community Health	-	-	10,000	(100.00)%	(10,000
COVID MI Supplemental Funding	<u>-</u>	176,503.92	1,185,790	(85.12)%	(1,009,286
Cross Jurisdictional Sharing Admin	2,492.80	17,579.41	44,530	(60.52)%	(26,950
CSHCS Care Coordination Case Mgmt	-	40,673.33	110,000	(63.02)%	(69,326
CSHCS Vaccine Initiative	2,604.90	9,408.01	21,321	(55.87)%	(11,912
Dental Partnering for Heart Health	13,381.92	72,777.92	69,329	4.97%	3,44
Dental Sealants	819.96	14,809.26	30,000	(50.64)%	(15,190
Drinking Water	32,590.96	300,970.09	448,757	(32.93)%	(147,786
ELC Contact Tracing and Wraparound	1,383.38	342,013.21	755,142	(54.71)%	(413,128
ELC COVID Infection Prevention - CELC	15,984.22	47,381.81	90,000	(47.35)%	(42,618
Emergency Preparedness	12,607.92	102,951.07	161,987	(36.44)%	(59,03
Family Planning	15,926.00	369,725.00	401,579	(7.93)%	(31,85
Food Service	-	270,791.00	270,791	0.00%	
General EH - Campgrounds	-	3,575.00	5,950	(39.92)%	(2,37
General EH - DHHS Inspection	3,680.00	19,905.00	41,000	(51.45)%	(21,09
General EH - Pools & Spas	-	3,955.00	5,400	(26.76)%	(1,44!
Grayling Water Recovery	881.84	12,574.10	70,233	(82.10)%	(57,658
Harm Reduction Support	4,249.84	25,671.90	90,000	(71.48)%	(64,32
Hart High School Mental Health Grant	2,259.33	57,115.08	100,000	(42.88)%	(42,88
Hearing	3,022.72	70,808.00	70,808	0.00%	•
HFA FFPSA Lake County	11,923.51	90,792.45	130,000	(30.16)%	(39,20
HIV Prevention	6,851.10	16,359.82	45,000	(63.64)%	(28,64
Imms VFC/INE	, -	16,600.00	15,000	10.67%	1,60
Immunizations	_	207,484.00	207,484	0.00%	,
Immunizations IAP	10,380.46	74,405.83	108,280	(31.28)%	(33,87
Immunizations Vaccine Quality Assurance	2,551.09	54,660.00	54,660	0.00%	(,-
Interconnected MH System-Mason	-,	-	39,605	(100.00)%	(39,60
Lead Home Visiting	_	_	500	(100.00)%	(50)
MCH Women	5,679.97	32,251.12	78,000	(58.65)%	(45,74
MCIR	14,341.38	106,901.31	175,000	(38.91)%	(68,098
Medicaid Outreach	33,959.48	257,109.94	395,799	(35.04)%	(138,689
MI Home Visiting IRE (HFA)	51,304.84	367,929.00	569,651	(35.41)%	(201,72
MI Safer Schools	80,953.79	630,393.83	1,206,708	(47.76)%	(576,314
Non Community Water	16,650.00	116,552.00	180,492	(35.43)%	(63,94)
On-Site Sewage - Septic Systems	11,364.05	324,937.04	387,374	(16.12)%	(62,43)
	417.96	417.96	307,374	0.00%	-
Oral Health Kindergarten Screening	502.92		10.002		(17.26)
PFAS Novford Missaukse CTC		1,613.39	18,982	(91.50)%	(17,368
PFAS Wexford Missaukee CTC	642.46	10,122.46	40.000	0.00%	10,12
Prosperity Grant/CLPP	3,427.03	25,942.36	40,000	(35.14)%	(14,057
Regional Perinatal Care System	2,682.14	12,894.00	170,000	(92.42)%	(157,100
Rotary Charities	-	-	2,887	(100.00)%	(2,88
Rural Health Network - CHIR	-	30,188.00	32,000	(5.66)%	(1,81
STI Clinics	-	45,000.00	45,000	0.00%	
Tobacco Grant	3,575.32	16,184.48	40,000	(59.54)%	(23,81
Vision	-	70,808.00	70,808	0.00%	
WIC Migrant	8,229.79	79,066.81	98,000	(19.32)%	(18,933

	Current Month	YTD Actual	Budget	Percent Budget Remaining	l otal Budget Variance
WIC Peer Counselor	25,800.53	190,548.36	297,969	(36.05)%	(107,420.64)
WIC Resident	136,283.12	1,067,843.86	1,570,745	(32.02)%	(502,901.14)
Wisewoman Coordination	2,765.38	17,046.53	25,000	(31.81)%	(7,953.47)
Total State & Federal Funding	583,004.13	6,682,738.61	11,522,618	(42.00)%	(4,839,879.39)
Other Funding					
Administration	-	-	5,055	(100.00)%	(5,055.00)
Adolescent Health Center - Cadillac	23,144.02	178,160.02	215,000	(17.13)%	(36,839.98)
Adolescent Health Center - Lake City Clinical	1,666.69	54,074.17	-	0.00%	54,074.17
Adolescent Health Center - Mason County Eastern	1,666.69	11,666.67	-	0.00%	11,666.67
Adolescent Health Center - Shelby	28,019.11	201,005.11	215,000	(6.51)%	(13,994.89)
Adolescent Health Center - Viking Wellness Center	12,792.24	112,844.22	155,000	(27.20)%	(42,155.78)
Agnes Taylor Fund	-	123.22	4,215	(97.08)%	(4,091.78)
AHC COVID Immunization	29,054.00	75,146.00	180,647	(58.40)%	(105,501.00)
AHC Lake City MH Expansion	2,010.95	7,010.95	-	0.00%	7,010.95
AHC Mason County Eastern MH Expansion	1,507.23	6,507.23	-	0.00%	6,507.23
Beach Monitoring - Other		-	3,000	(100.00)%	(3,000.00)
Brethren High School Mental Health Grant	1,666.69	11,666.67	-	0.00%	11,666.67
Building Lease Cadillac	8,600.00	60,200.00	103,200	(41.67)%	(43,000.00)
Building Lease Hart	5,300.00	37,100.00	63,600	(41.67)%	(26,500.00)
CATCH Grant	389.82	8,196.64	10,000	(18.03)%	(1,803.36)
CC HUB NW CD Billing Counties	7,456.33	52,194.33 1,440.10	2 500	0.00%	52,194.33
CHA Needs Assessment	-	24,000.00	2,500 25,000	(42.40)% (4.00)%	(1,059.90) (1,000.00)
Chippewa Hills School Mental Health Grant	1,666.69	11,666.67	23,000	0.00%	11,666.67
CHIR - Communications	2,840.00	2,840.00	10,000	(71.60)%	(7,160.00)
CHIR BBO	1,052.58	17,051.58	25,000	(31.79)%	(7,100.00)
Coalition Capacity Building Lake	2,927.84	3,159.84	23,000	0.00%	3,159.84
Coalition Capacity Building Manistee	4,571.46	12,992.46	_	0.00%	12,992.46
Coalition Capacity Building Mason	867.64	1,032.64	_	0.00%	1,032.64
Communicable Disease	60.00	450.00	-	0.00%	450.00
Community Health	250.00	12,970.00	12,500	3.76%	470.00
COVID Health Disparities - Rural Health	15,701.16	21,259.16	-	0.00%	21,259.16
COVID Prevention Missaukee	1,749.93	6,202.93	8,342	(25.64)%	(2,139.07)
COVID Prevention Wexford	2,253.01	9,292.01	17,389	(46.56)%	(8,096.99)
CSHCS Thorton Fund Kalkaska	149.94	3,488.87	5,977	(41.63)%	(2,488.13)
Dental Outreach	-	4,520.01	30,000	(84.93)%	(25,479.99)
Early On Oceana	196.02	314.46	1,248	(74.80)%	(933.54)
EPI	-	350.00	-	0.00%	350.00
Finance	12,500.00	79,836.00	113,352	(29.57)%	(33,516.00)
Gambling Disorder Prevention Project Grant	843.43	12,262.43	23,000	(46.69)%	(10,737.57)
Grayling School Mental Health	3,109.55	20,766.47	30,000	(30.78)%	(9,233.53)
Hart High School Mental Health Grant	1,666.69	11,666.67	-	0.00%	11,666.67
Healthy Families America - Manistee/Missaukee	12,205.52	97,536.52	154,146	(36.72)%	(56,609.48)
Immunizations		-	305,500	(100.00)%	(305,500.00)
Interconnected MH System-Mason	7,338.48	64,574.25	250,000	(74.17)%	(185,425.75)
LiveWell for your Heart	8,362.33	22,830.13	54,689	(58.25)%	(31,858.87)
Maternal Infant Health Program	500.00	500.00	-	0.00%	500.00
MCDC	15,210.00	187,721.99	400,000	(53.07)%	(212,278.01)
Medical Marihuana Operations and Oversight Grant	8,785.72	8,972.72	-	0.00%	8,972.72
Medical Marihuana Operations and Oversight Grant	1,479.79	2,108.79	-	0.00%	2,108.79
Medical Marihuana Operations and Oversight Grant	1,859.11	4,012.11	-	0.00%	4,012.11
Medical Marihuana Operations and Oversight Grant Oceana LEADS DFC	3,792.65 7,882.57	7,882.65 62,366.57	100,000	0.00% (37.63)%	7,882.65 (37,633.43)
Prevention	7,605.77	65,176.77	107,540	(39.39)%	(42,363.23)
Prevention Grant Missaukee	1,348.81	10,458.81	20,854	(49.85)%	(10,395.19)
Prevention Grant Wexford	3,502.13	27,432.13	43,472	(36.90)%	(16,039.87)
Rotary Charities	2,376.37	13,992.37	10,000	39.92%	3,992.37
Rx for Health	22,526.63	115,302.92	246,566	(53.24)%	(131,263.08)
School Wellness Center - Manton/Mesick	12,552.49	130,180.49	170,000	(23.42)%	(39,819.51)
Snap Ed Full-Year	8,984.65	55,114.39	92,710	(40.55)%	(37,595.61)

	. , . ,	, ,		Percent Budget	l otal Budget
	Current Month	YTD Actual	Budget	Remaining	Variance
State Opioid Response (SOR) Lake	74.16	7,787.16	10,000	(22.13)%	(2,212.84)
State Opioid Response (SOR) Mason	153.19	8,976.19	45,000	(80.05)%	(36,023.81)
State Opioid Response (SOR) Oceana	56.37	8,232.37	15,000	(45.12)%	(6,767.63)
Sub Abuse COVID Supplemental - Lake	1,554.47	6,007.47	5,260	14.21%	747.47
Sub Abuse COVID Supplemental - Mason	457.26	8,205.26	15,782	(48.01)%	(7,576.74)
Sub Abuse COVID Supplemental - Oceana	2,007.09	4,280.09	16,748	(74.44)%	(12,467.91)
Sub Abuse COVID Supplemental Lake21	-	5,372.00		0.00%	5,372.00
Sub Abuse COVID Supplemental Mason21	2,986.34	7,993.34	_	0.00%	7,993.34
Sub Abuse COVID Supplemental Oceana21	5,298.11	11,623.11	_	0.00%	11,623.11
Substance, Education and Awareness (SEA) Coalition -	-	8,000.00	8,500	(5.88)%	(500.00)
Tobacco/ENDS Education	_	-	1,000	(100.00)%	(1,000.00)
Vaccine Marketing	_	12,000.00	12,000	0.00%	(2/000.00)
WIC Resident	_	-	200	(100.00)%	(200.00)
Total Other Funding	314,579.72	2,038,098.13	3,343,992	(39.05)%	(1,305,893.87)
Billing Revenue					
Adolescent Health Center - Cadillac	50.00	18,700.11	90,000	(79.22)%	(71,299.89)
Adolescent Health Center - Lake City Clinical	1,543.66	13,312.67	50,000	(73.37)%	(36,687.33)
Adolescent Health Center - Mason County Eastern	266.59	3,473.24	50,000	(93.05)%	(46,526.76)
Adolescent Health Center - Shelby	2,135.98	22,875.56	62,000	(63.10)%	(39,124.44)
Adolescent Health Center - Viking Wellness Center	73.06	6,961.42	40,000	(82.60)%	(33,038.58)
BCCCP Direct	116.15	5,160.22	6,000	(14.00)%	(839.78)
Breast Cervical Cancer Control Program	2,340.00	3,737.04	5,000	(25.26)%	(1,262.96)
Brethren High School Mental Health Grant	198.32	636.86	30,000	(97.88)%	(29,363.14)
CC HUB NW	14,397.00	97,163.00	-	0.00%	97,163.00
CCL HUB	-	-	267,800	(100.00)%	(267,800.00)
Chippewa Hills School Mental Health Grant	7,529.26	26,204.36	47,000	(44.25)%	(20,795.64)
CJS Alliance	-	-	4,000	(100.00)%	(4,000.00)
Community Health	-	-	10,000	(100.00)%	(10,000.00)
COVID MI Supplemental Funding	24,632.01	599,281.10	-	0.00%	599,281.10
Dental Sealants	-	1,648.00	10,000	(83.52)%	(8,352.00)
Dental Varnish	23.89	143.89	25,000	(99.42)%	(24,856.11)
Family Planning	6,035.37	61,760.34	150,000	(58.83)%	(88,239.66)
Hart High School Mental Health Grant	6,559.50	26,083.71	40,000	(34.79)%	(13,916.29)
Hearing	809.60	11,714.20	16,000	(26.79)%	(4,285.80)
Immunizations	22,789.84	248,598.37	500,000	(50.28)%	(251,401.63)
Lead Hemoglobin	290.14	833.59	12,000	(93.05)%	(11,166.41)
Maternal Infant Health Program	48,496.38	248,123.40	638,000	(61.11)%	(389,876.60)
MI Home Visiting IRE (HFA)	-	140.81	-	0.00%	140.81
School Wellness Center - Manton/Mesick	5,787.97	20,678.76	32,312	(36.00)%	(11,633.24)
STI Clinics	642.59	3,600.65	5,000	(27.99)%	(1,399.35)
Vision	1,048.80	12,619.80	20,000	(36.90)%	(7,380.20)
Wisewoman Coordination	950.00	9,150.00	5,000	<u>83.00%</u>	4,150.00
Total Billing Revenue	146,716.11	1,442,601.10	2,115,112	(31.80)%	(672,510.90)
Medicaid Cost Settlement					
Medicaid Cost Report	_	625,000.00	2,000,000	(68.75)%	(1,375,000.00)
Total Medicaid Cost Settlement		625,000.00	2,000,000	(68.75)%	(1,375,000.00)
5 · · · · · · · · · · · · · · · · · · ·	242 454 27	050 222 74	4 70 4 50 5	(15.04)07	(704 171 05)
Environmental Health Revenue	342,461.37	950,328.71	1,734,500	(45.21)%	(784,171.29)
Appropriations	247,873.30	1,735,113.28	2,974,480	(41.67)%	(1,239,366.72)

				Percent Budget	lotal Budget
	Current Month	YTD Actual	Budget	Remaining	Variance
Other Revenue				-	
MMRMA Distribution	-	32,291.00	32,291	0.00%	-
Workers Compensation Dividends	-	24,973.00	24,973	0.00%	-
Other	4,872.08	51,436.58	113,500	(54.68)%	(62,063.42)
Total Other Revenue	4,872.08	108,700.58	170,764	(36.34)%	(62,063.42)
Total Revenues	1,639,506.71	13,582,580.41	23,861,466	(43.08)%	(10,278,885.59)
				Percent Budget	Total Budget
Expenses	Comment Manth	VTD Astro-I	D d a. at		_
Expenses	Current Month	YTD Actual	Budget	Remaining	Variance
Wages	910,672.08	6,605,656.28	12,222,064	45.95%	5,616,407.72
Fringes	432,590.42	3,711,576.81	5,891,406	37.00%	2,179,829.19
Travel	40,556.37	234,221.04	590,121	60.31%	355,899.96
Supplies	71,248.27	588,735.80	1,441,129	59.15%	852,393.20
Contractual	45,239.28	317,354.85	929,211	65.85%	611,856.15
Communications	33,375.10	209,638.65	363,326	42.30%	153,687.35
Printing/Publishing	20,467.13	58,784.02	125,053	52.99%	66,268.98
Education/Training	5,686.00	32,675.68	71,685	54.42%	39,009.32
Liability Insurance	8,347.08	57,256.60	100,130	42.82%	42,873.40
Maintenance	49,113.99	249,631.33	517,447	51.76%	267,815.67
Space	125,602.10	888,380.41	1,294,162	31.35%	405,781.59
Capital Outlay	608.52	81,849.31	281,000	70.87%	199,150.69
County DSH/Dental	29,110.00	285,021.99	566,800	49.71%	281,778.01
Total Expenses	1,772,616.34	13,320,782.77	24,393,534	45.39%	11,072,751.23

(133,109.63) 261,797.64 (532,068)

Increase (Decrease) Fund Balance

Report to the Boards of Health

Jennifer Morse, MD, MPH, FAAFP, Medical Director



Mid-Michigan District Health Department, Wednesday, June 22, 2022 Central Michigan District Health Department, Wednesday, June 22, 2022 District Health Department 10, Friday, June 24, 2022

Monkeypox

Monkeypox is a viral illness that normally circulates in wild animals in western and central Africa. It is not clear what animals are the reservoir host, or the animals that carry the monkeypox without getting sick and serve as the source of infection to other animals and humans. It is thought that rodents or other small mammals are the reservoir hosts. All the other animals monkeypox can spread to is unknown, but humans, monkeys, apes, chimpanzees, gorillas, orangutans, gibbons, marmosets, other primates, rodents, shrews, prairie dogs, squirrels, groundhog/ woodchuck, opossums, hedgehog, and other small mammals have all been known to be infected.

Monkeypox virus is an *Orthopoxvirus* and is closely related to the variola (smallpox) virus. There are different strains, or clades, of the monkeypox virus. The monkeypox viruses from the Congo Basin seems to cause more serious illness, with a death rate around 10% during outbreaks in Africa. The viruses from West Africa tend to cause milder illness, but deaths are seen in children and those with a poor immune system. The death rate of the West African clade is 3.6%. It appears the West African clade is the cause for the 2022 outbreak occurring now in non-African countries.

You can get monkeypox from an infected animal, person, or an object with virus on it. If you come into contact with an infected animal, the virus can spread to you by the animal's bite or scratch, or by handling the animal's body, meat, or other products made from the animal. The monkeypox virus is spread between people by contact with the rash, sores, or scabs, or with any other body fluids including respiratory secretions of someone infectious.

If you are exposed to monkeypox, it usually takes 7-14 days to get sick, but can take anywhere from 5-21 days. The illness usually starts with fever, swollen lymph nodes, headache, muscle aches, backache, chills, and exhaustion. Typically, within 1 to 3 days of having a fever, you may get small spots or sores in your mouth and tongue and then a rash will appear, which tends starts on your face, hands, feet, arms, or legs. It may only appear where you came into contact with someone else's rash, like the genital area. The rash may hurt at first then itch as it starts to crust. It usually starts as a red patch, then becomes a bump, then a small blister, then a pustule, and finally scabs over. The rash usually breaks out and changes through these stages at the same time. This process lasts about 2 to 4 weeks. Sometimes the illness is more severe, especially in those that were more heavily exposed, children, people with poor immune systems or underlying health problems. Complications can occur, like secondary infections, bronchopneumonia, sepsis, encephalitis, and infection of the cornea with ensuing loss of vision. While not much is known about illness during pregnancy, several cases of fetal loss with and without evidence of infection have been reported. The related orthopoxvirus smallpox is associated with an increased risks to the mother and baby, including death, preterm birth, and spontaneous miscarriage.

Prior to 2022, human cases of monkeypox have almost always been confined to Africa. There have been a few cases among travelers from Africa to Europe and Asia, with one case causing spread to a hospital worker. There was also an outbreak in the United States in 2003, due to spread from pet prairie dogs to humans. Over the last 50 years, there has been a greater than 10-fold increase in confirmed, probable, and/or possible monkeypox cases, primarily in Africa, from 48 cases in the 1970s to 520 cases in the 1990s. Since the 1990s, there has been a very large increase in the number of cases reported by the Democratic Republic of the Congo (DRC). From 2000 to 2009, the DRC reported just over 10,000 suspected cases, and this increased to over 18,000 from 2010 to 2019. In

the 28 months from January 2020 to May 2022, there have already been over 10,000 (of note, they've also had over 47,000 cases of measles since from January 2022 to May 2022).

The smallpox vaccination is about 85% protective against monkeypox. Most cases (approximately 80%-96%) have occurred in unvaccinated individuals. The highest percentage of vaccinated cases (21%) occurred during the 2003 outbreak in the US. Routine smallpox vaccination stopped in the US in 1972 meaning nearly all individuals in the US that are 50 years of age and younger are unprotected.

Since May 2022, over 1,400 confirmed and probable cases have been reported in countries that are not endemic for monkeypox, with no deaths yet reported in any of these countries. While most of these cases have been in men who have sex with men (MSM), there have been reports of community transmission and cases in women. Finding monkeypox in so many new areas, with many cases not linked to travel or to each other suggests this may have been spreading undetected for a while. Genetic testing of samples from US cases suggest they are not related to cases occurring in Europe, further supporting ongoing spread. There is a real concern that monkeypox may become established in some of these new countries. This would be much more likely if it gets established in the local animals.

Since most new cases have been in MSM, there is a risk of stigmatization and neglecting other groups of people at risk of exposure or severe disease, like healthcare workers, sex workers, household members, immunocompromised people, pregnant women, and young children. The summer season, which usually has large events and festivals, may provide more opportunities for this disease to spread.

Recommendations:

- Be aware of monkeypox and its risk factors. Resources are available for guidance, like "Social Gatherings, Safer Sex and Monkeypox" https://www.cdc.gov/poxvirus/monkeypox/pdf/MPX Social Gatherings Safer Sex-508.pdf
- 2. STIs (sexually transmitted infections) can be confused for monkeypox, and many are increasing, such as syphilis. More information about STIs is available at https://www.cdc.gov/std/healthcomm/fact_sheets.htm and free or reduced cost testing is available at the health department.
- 3. Our world keeps getting smaller as we travel more and more. We must be aware of our global health to protect our own health. https://www.who.int/emergencies/disease-outbreak-news

Sources

- Spickler, Anna Rovid. Monkeypox. November 2020. At https://www.cfsph.iastate.edu/Factsheets/pdfs/monkeypox.pdf
- World Health Organization (WHO). Weekly Bulletin on Outbreaks and Other Emergencies. Week 21: 16 –
 22 May 2022
 - https://apps.who.int/iris/bitstream/handle/10665/354552/OEW21-1622052022.pdf
- World Health Organization (WHO). Monkeypox Fact Sheet. 2022. https://www.who.int/news-room/fact-sheets/detail/monkeypox
- Khalil, A., et al. "Monkeypox and pregnancy: what do obstetricians need to know?." Ultrasound in Obstetrics & Gynecology. https://obgyn.onlinelibrary.wiley.com/doi/10.1002/uog.24968
- Bunge, Eveline M., et al. "The changing epidemiology of human monkeypox—A potential threat? A
 systematic review." PLoS neglected tropical diseases 16.2 (2022): e0010141.
- Edouard Mathieu, Saloni Dattani, Hannah Ritchie and Max Roser (2022) "Monkeypox". Published online at OurWorldInData.org. Retrieved from: 'https://ourworldindata.org/monkeypox'

- World Health Organization (WHO). June 8, 2022. COVID-19 & Other Global Health Issues Virtual Press
 Conference. https://www.who.int/multi-media/details/who-press-conference-on-covid-19-and-other-global-health-issues---8-june-2022#
- WHO and European Centre for Disease Prevention and Control. June 2, 2022. Interim advice on Risk Communication and Community Engagement during the monkeypox outbreak in Europe, 2022. https://www.ecdc.europa.eu/sites/default/files/documents/Joint-ECDC-WHO-interim-advice-on-RCCE-for-Monkeypox-2-June-2022.pdf

District Health Department #10 BOARD OF HEALTH

Health Officer Report

March 25, 2022

- 1. **COVID-19 Update:** Information on current case counts, vaccination efforts and changes on to the Case Investigation/Contact Tracing processes 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. **Formal Hearing with Restaurant:** On Monday, June 6, 2022, DHD#10 held a formal hearing for the purposes of addressing ongoing priority and priority foundation violations with CIK Restaurants, LLC in Manton. The hearing was held despite the owner not attending. A letter was provided to the owner listing the hearings outcome as well as the next steps for the establishment to take. Failure to correct the issues resulting in the hearing will lead to suspension of the food license.
- 4. **Initial Meeting with Lighthouse Company:** We had an initial meeting with Lighthouse Company, our new benefits administrator, to begin discussing change-over and the enrollment process which will be used. Additional meetings will be held in the near future following the receipt of our health insurance renewal rates.
- 5. **NALBOH Conference:** Just a reminder that I need to know if any BOH members wish to attend this year's conference, 8/1-8/3, in Grand Rapids. If you can let either Stephanie or myself know by June 30th it would be appreciated.

Respectfully submitted:

Kevin Hughes, MA Health Officer