

CCPHD Lead Nurse Case Management

Heather Schumacher RN, BSN, CIC
CCPHD Communicable Disease Nurse, Lead Nurse Case Manager

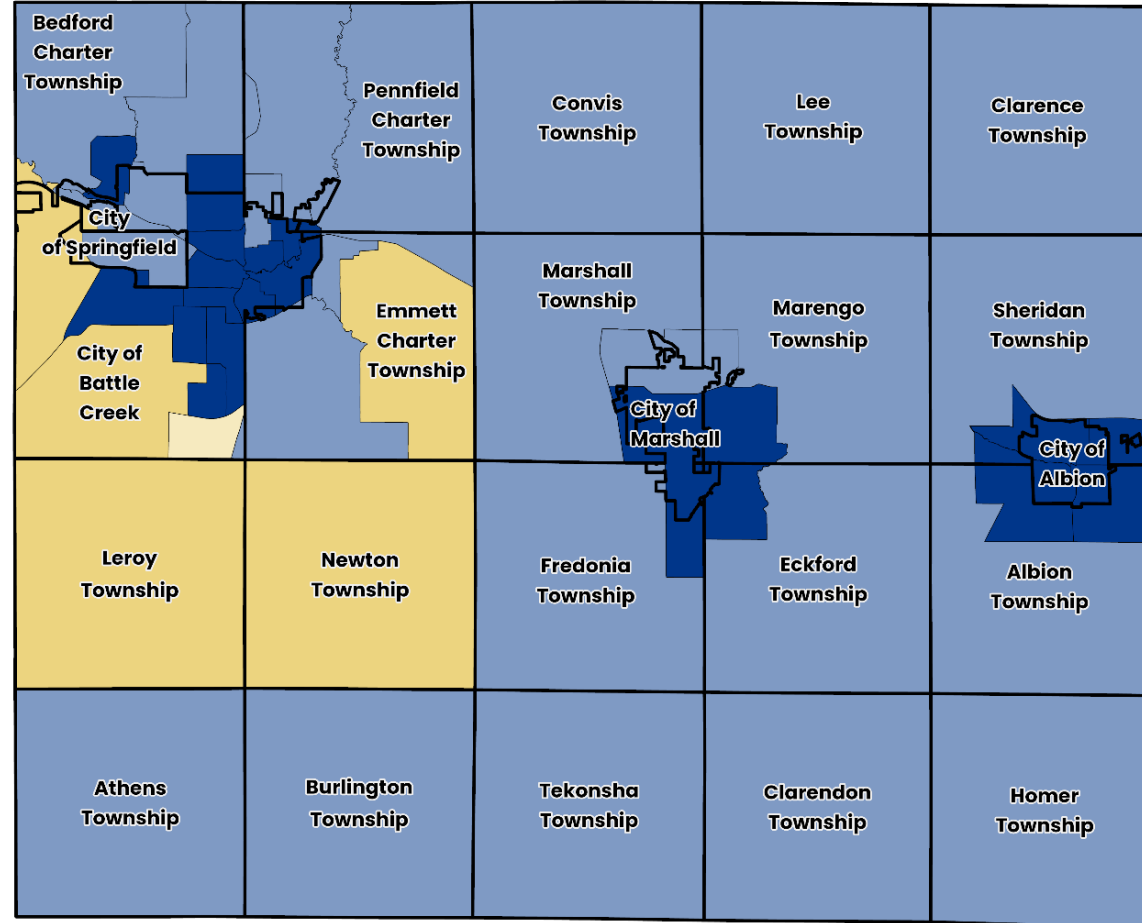


Lead in Calhoun County

- Percent of Pre-1980 Homes by Census Tract

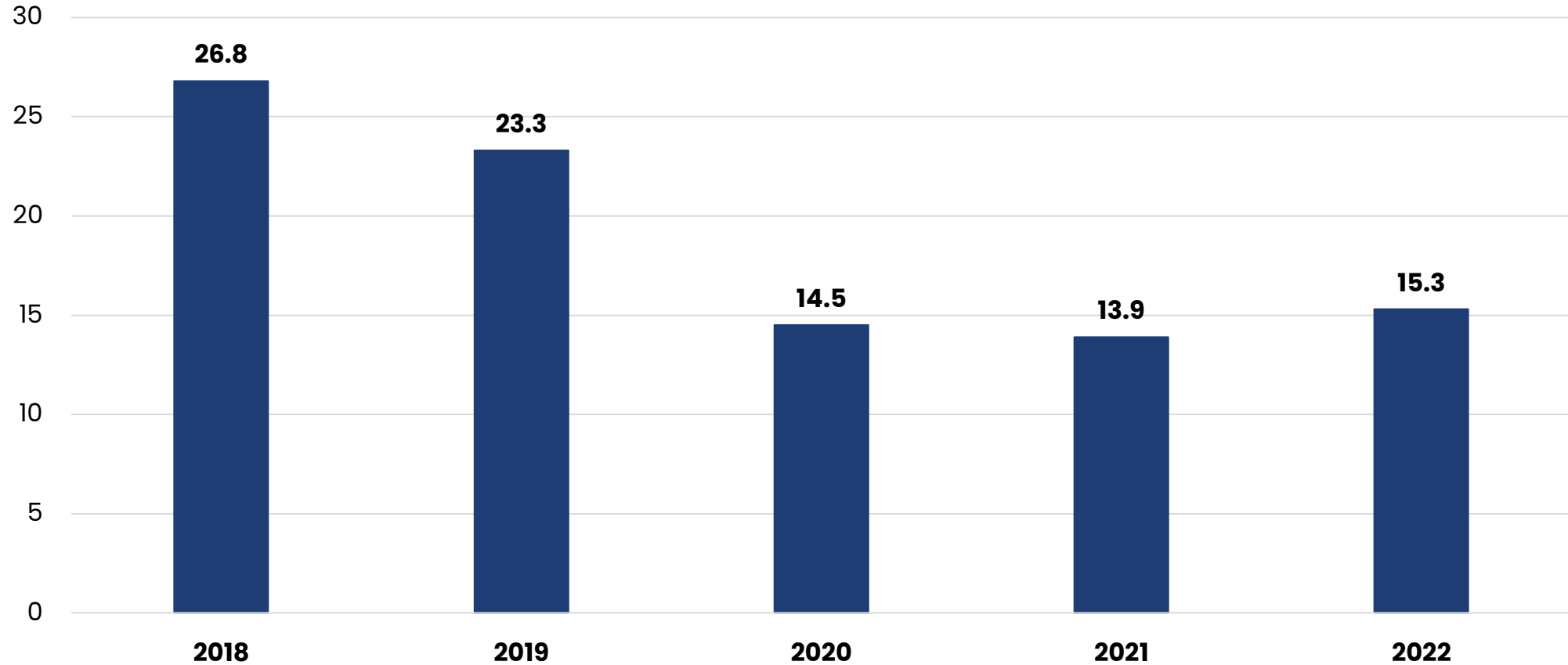
Percent Pre-1980 Homes by Census Tract

20.01% - 40%	40.01% - 60%	60.01% - 80%	80.01% - 100%
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Lead in Calhoun County

Percent of Children <6 Tested for Lead, Calhoun County, 2018-2022



Lead in Calhoun County

- Percent of Calhoun County Children <6 years old who had an Elevated Capillary Test with no Confirmatory Follow-Up

Year	Percent (%)
2018	40.2
2019	39.1
2020	40.9
2021	56.3
2022	51.0

Lead in Calhoun County

- 2022 Lead Testing Data Summary

Total Children Under Age 6	9615
Total Children Under Age 6 Tested	1470
Elevated Capillary Tests (≥ 3.5 ug/dL)	77
Elevated Venous Tests (≥ 3.5 ug/dL)	51
Elevated Venous Tests > 10 ug/dL	8

CCPHD Lead Nurse Case Management

STAFF

- 1 Part-time Lead Nurse
- 1 Full-time Community Health Worker (CHW)
- 1 part-time Epidemiologist
- *Adding additional part-time lead nurse

PROJECTS

- ❖ Nurse Case Management Confirmed Elevated Blood Lead Levels
 - ❖ Elevated Capillary Lead Level Management
- ❖ Anticipated Lead Education and Faucet Replacement Program Grant
 - ❖ Calhoun County Lead Coalition
 - ❖ City of Albion Lead Coalition
 - ❖ Provider Outreach/Training
- ❖ Community Lead Awareness/Education

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Nurse Case Management Confirmed EBLL

- ❖ Receive report from CLPPP
- ❖ Add case to spreadsheet
- ❖ 4 Contact Attempts by RN/CHW
 - ❖ Call/text- RN
 - ❖ Mail Letter-CHW/RN
 - ❖ Contact PCP (fax)- RN
 - ❖ Door Hanger- CHW/RN
- ❖ Follow-up after Initial Home Visit
 - ❖ CHW- SDOH needs, LSP application home visit
 - ❖ Routinely assess for next venous draw, send parent reminders
 - ❖ Follow-up home visits by RN when needed

Door Hanger Example

Sorry
we missed you.


DATE _____ TIME _____

PLEASE CONTACT

Heather
(name)

269-967-7087
(phone)

Thank you!


Calhoun County Public Health Department
190 East Michigan Avenue
Battle Creek, Michigan 49014

CCPHD Lead Nurse Case Management

Stephanie Tasks	Heather Tasks	Last Name	First Name	DOB	Age	HLPPS ID	MICLEAR ID	Parent/Gaurdian	Phone	Address	PCP	Medicaid ID
LSP application appnt. 8/27/24	Venous due 8/12/24	Test	Test	1/1/2001	1	0	0	Test, Test	555-555-5555	123 Somewhere, Home, MI 55555	Doctor	0
Call/text venous follow-up due 8/12/24	Door Hanger 8/6	Test	Test	1/1/2001	1	0	0	Test, Test	555-555-5555	123 Somewhere, Home, MI 55555	Doctor	0
	Door Hanger 8/6	Test	Test	1/1/2001	1	0	0					0
		Test	Test	1/1/2001	1	0	0					



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Venous Test Date	Venous Result	Initial Home Visit	NEXT DRAW	LSP Application	Abatement Progress	NOTES	
7/14/21	18	7/7/2022	12/1/2024	Completed 8/23/23	COMPLETED 2/16/24	LHV complete 7-7-22-HS	7/28/24: Call to case, reminder of venous draw-HS
6/2/22	12						
11/15/22	9						
3/17/23	10						
7/24/23	6						
11/3/23	7						
8/1/24	6						
8/15/23	23	8/22/2023	10/28/2024	Completed 10/23/23	LIRA completed 7/8/24	8/17/23- Call to case, LHV scheduled-HS	8/21/23- Call from parent, discussed siblings lead level-HS
8/28/23	29						
10/17/23	16						
7/28/24	12						
8/18/23	12		4/18/2024			4/15/2024-text sent for venous due reminder-sf	4/24/24- Call from mom, needs order blood draw, call to PCP- HS
1/18/24	4						
8/18/23	1		XXX				



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Elevated Capillary Lead Level Management

- ❖ Receive report from CLPPP
- ❖ CHW
 - ❖ Add cases to Elevated Capillary Lead spreadsheet
 - ❖ 1st attempt- Mail letter (unless requires immediate call)
 - ❖ 2nd attempt (approx. 3 weeks later)- Phone call
 - ❖ 3rd attempt- (approx. 3 weeks later)- Text

- ❖ Elevated capillaries who did NOT receive venous confirmation testing decreased from **51% in 2022** to **43.9% in 2023!!**

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<u>1st Attempt- Mail Letter</u>	<u>2nd attempt- Call (3 Weeks)</u>	<u>3rd Attempt-Text 3 Weeks</u>	<u>Venous Testing Date</u>	<u>Notes</u>	<u>Last Name</u>	<u>First Name</u>	<u>Middle</u>	<u>DOB</u>
1/1/24- Mailed	1/1/24- Call	1/15/24- Text			Sample	Sample		
1/23/2024 Mailed	2/6/2024-call	X			BRAINARD	CARTER	W	3/3/2019
1/23/2024 Mailed	X	X	12/20/2023	Venous low 12/20/23	EMMANUEL	JAXON	N	12/13/2021
1/23/2024 Mailed	2/6/2024- call	2/22/2024- Text		no venous 2-5-24, mom will get blood drawn on Friday	HALLOM	SOUL	M	12/4/2021
1/23/2024 Mailed	2/6/2024-call	x	12/18/2023	no venous 2-5-24, mother states testing completed on 12/18 came back below 3.5. Venous 1.9-SF	HUFFMAN	RYDER		6/2/2021
1/23/2024 Mailed	2/6/2024- call			no venous 2-5-24, reminded of blood draw	MILESKI	JOZIAH	D	4/15/2020
1/23/2024 Mailed	2/6/2024-call	2/22/2024-Text		no venous 2-5-24, Left VM	SCOTT	JONAH	D	8/28/2021
1/23/2024 Mailed	2/6/2024- call	X		no venous 2-5-24 - Left VM - 2/7 mother called back states blood drawn at oaklawn	SMITH	GRACELYNN	J	11/24/2022
1/23/2024 Mailed	2/6/2024- call			no venous 2-5-24	WILLIAMS	RONNELL		1/19/2022
1/23/2024 Mailed	X	X	1/2/2024	venous less than 1 1/2/24	ELLIS	ASHER	J	12/6/2022
1/23/2024 Mailed	2/6/2024- call	2/22/2024-Text		no venous 2-5-24 Left vm	MILLER	GEMELLO	M	12/28/2022
1/23/2024 Mailed	2/6/2024-call	2/22/2024-Text		no venous 2-5-24- spoke to mom she will have blood drawn as soon as possible	WHITLOCK	KASON		3/25/2021



CCPHD Lead Nurse Case Management

- ❖ CHW Utilization Summary (Stephanie Freeman, CHW)
 - ❖ Manages elevated capillary cases
 - ❖ Completes follow-up phone calls/texts, venous due reminders for confirmed cases
 - ❖ Performs follow-up SDOH visits and Lead Safe Home application assistance visits for confirmed cases
 - ❖ Fields lead questions from public
 - ❖ Co-organizes county lead coalitions
 - ❖ Attends community events for lead education

THANK YOU!!

- Heather Schumacher, RN, BSN, CIC
 - CCPHD Lead Nurse/Communicable Disease
 - hschumacher@calhouncountymi.gov
- Stephanie Freeman, CHW
 - CCPHD Community Health Worker
 - sfreeman@calhouncountymi.gov