



2022

Annual Report



LIVINGSTON COUNTY
Health Department



WELCOME

From the Health Officer:

It is my pleasure to present to you the 2022 Livingston County Health Department (LCHD) annual report. Contained within, you will find a summary of our activities along with highlights that look back on some unique challenges we faced during the year.

This is my first annual report as Health Officer, as I was appointed to this position in November 2022. As way of a little background on me; I started work with Livingston County in 1998, first with Michigan State University Extension, then transferring to the Health Department’s Environmental Health Division in 2000. From 2008 to 2014, I worked in a shared position between the Health Department and the Drain Commissioner’s Office. I was promoted to the Director of Environmental Health in 2014 and then Deputy Health Officer in 2019. Through these various roles, I have gained valuable career experience and worked with a very supportive and professional team of public health staff.

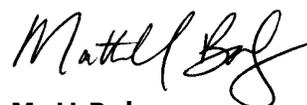
I would like to take a moment to recognize my predecessor, Dianne McCormick, who retired in July 2022 after dedicating 37 years to the Health Department. Her

leadership over the years was instrumental in positioning LCHD as one of the best Health Departments in the State of Michigan. I hope to continue our growth and build upon her legacy.

As a department, we are phasing out of our pandemic response and refocusing our efforts on providing excellence in our core programs that protect, preserve, and promote the health of our residents. We are currently working on completing a Community Health Needs Assessment which will lead to a Community Health Improvement Plan through the involvement of our local partner agencies and the public. This process will help to identify health gaps in our community and prioritize our efforts over the next few years.

I am excited about our journey ahead and I am honored to be working with such a talented and dedicated team!

In good health,



Matt Bolang
Health Officer



**PERSONAL AND PREVENTIVE
HEALTH SERVICES**

- 2,768 Immunizations provided to children & adults
- 85 Tuberculin skin tests administered
- 307 Animal bites reported and investigated
- 290 Sexually transmitted disease cases investigated
- 28 HIV/AIDS tests administered
- 658 Families supported by Children's Special Health Care Services
- 10,278 Hearing/vision screenings with 2,006 children referred for further evaluation
- 4,565 WIC clients served

ENVIRONMENTAL HEALTH

- 1,257 Food establishments inspected
- 41 Food establishment plans reviewed
- 54 Food service complaints investigated
- 1,784 Well inspections completed
- 471 Well permits issued
- 2,184 Septic inspections completed
- 405 Septic system permits issued
- 382 Non-community public water supplies regulated
- 68 Public swimming pools regulated
- 14 Public beaches regulated
- 22 Camps inspected
- 16 Body art facilities inspected
- 70 General complaints investigated

EMERGENCY PREPAREDNESS

- 2 Emergency activations
- 316 Hours donated by Medical Reserve Corp (MRC) (~\$14,266 in volunteer hrs)
- 6 Emergency preparedness workshops and exercises participated in
- 2 Community outreach opportunities provided
- 12 MRC trained in CPR/First Aid
- 177 Vaccinations provided to high-risk, homebound individuals

HEALTH PROMOTION

- 284 Prescription for Health program participants spent \$15,411 worth of tokens on fruits and vegetables
- 6 Press releases sent to local media
- 414 Social media posts published
- 1 Instagram account launched
- 11 Newsletters developed
- 10 Outreach events hosted and/or attended

2022 at a Glance

Agency Response:

CHROMIUM RELEASE

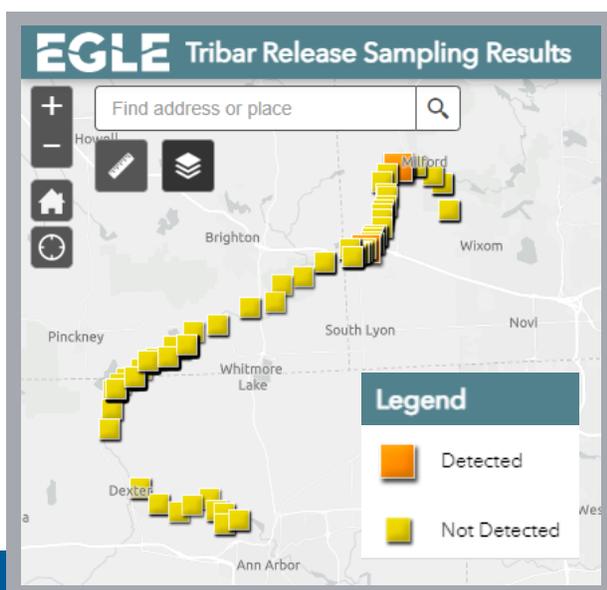
On the weekend of July 29, 2022, hexavalent chromium was released from Tribar Manufacturing in Wixom into the Wixom Sewage Treatment Facility and then discharged into the Huron River system. Hexavalent chromium is a known carcinogen that can cause several adverse health effects through ingestion, skin contact, or inhalation.

Michigan Department of Environmental, Great Lakes, and Energy (EGLE) was notified of the release on the afternoon of August 1, 2022. The following day, a no-contact recommendation was issued by Michigan Department and Health and Human Services (MDHHS) for 42 river miles

of the Huron River between North Wixom Road in Oakland County and Kensington Road in Livingston County while investigations took place.

The Livingston County Health Department, in collaboration with EGLE and MDHHS, worked to identify the extent of the release in the Huron River watershed and the impact it may have on the health and safety of surrounding communities. Water samples were collected from various points along the Huron River watershed to test for hexavalent chromium. Most water samples collected in the Huron River did not detect hexavalent chromium. The three samples that did have detections were below the level that could cause harm. Updated information and educational materials were shared with impacted communities to keep them informed of the latest findings and recommendations. Additionally, the MI Toxic Hotline hours of operation were extended to respond to questions and concerns from the public.

After further sampling and reviewing the data related to this toxic release, MDHHS was able to lift the no-contact recommendation on August 12, 2022.



Pictured Left: Tribar Release Sampling Results Map from EGLE

POWDERED FORMULA RECALL



On February 17th, 2022, Abbott issued a voluntary recall of all 12.6oz Similac Total Comfort, 12.5oz Similac for Spit-Up, EleCare Infant and Jr, Alimentum, Similac PM 60/40 and some Similac Sensitive and Advance powdered formula products. The recall was issued due to a possible *Cronobacter* bacteria contamination. *Cronobacter* infections are rare, but they can cause severe, life-threatening infections or meningitis. Similac is the contracted formula for Michigan's Women, Infants, and Children (WIC) clients so many of the clients served by Livingston County WIC were impacted by this recall.

Livingston County WIC serves approximately 250 formula fed infants

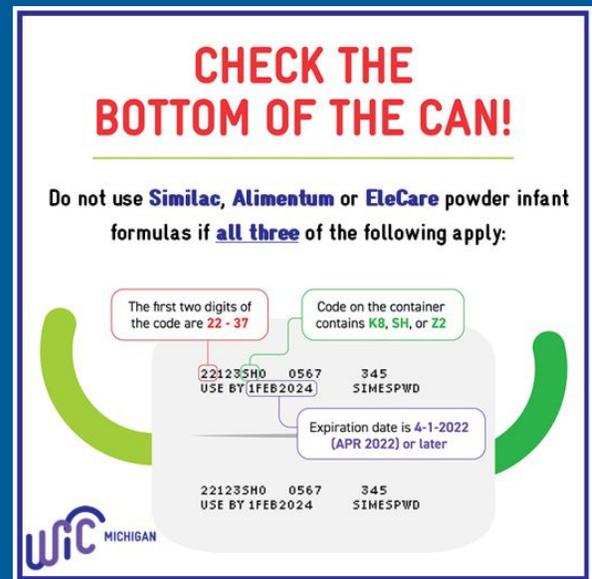
each month. After the recall was issued, our office quickly went into action by switching as many infants to non-recalled formulas as possible. Clients who had already purchased recalled formula were instructed to bring the recalled product to our office. WIC staff were then able to load more formula benefits onto the clients' cards so they could redeem non-recalled formula.

The FDA and Michigan WIC office quickly expanded the formula options to non-contracted formula such as Enfamil, Gerber, and store brand formula. However, with increased demand placed on other brands of powdered formula, store shelves quickly became scarce. Many parents were

struggling to find formulas for their babies to eat. The Livingston WIC office operated as an intermediary to instruct parents which formulas they should try and where they may be able to purchase them, based on our own research. Coordination with health care providers was also necessary to ensure prescriptions for hypoallergenic formulas were updated to include multiple formulations/brands. This allowed WIC staff and parents the flexibility to switch products based on market availability.

Mothers who were partially breastfeeding were encouraged to move toward exclusive breastfeeding, so they no longer had to worry about where to find powdered formula. WIC staff also encouraged all pregnant women to breastfeed to avoid issues associated with the formula shortage. To help breastfeeding moms, Livingston County WIC offered two breastfeeding classes a month as well as full access to our Breastfeeding Peer Counselor and Lactation Counselor and Educator on staff.

Formula recalls and subsequent shortages spanned from February 2022 to February 2023. During this time, WIC staff worked overtime in the clinic, on the phones, and sometimes just scouting formula while doing their own grocery shopping. The Livingston County WIC office was and will continue to be committed to making sure our most vulnerable population has access to healthy, safe, and nutritious foods.



Pictured Above: Sample social media images utilized to communicate important updates regarding recalled formula, formula availability, and WIC benefit changes

Follow us @myLCHD  

Disease Trends:

COMMUNICABLE DISEASES

The public health system depends on reports of communicable diseases to monitor the health of the community and to provide the basis for preventive actions. An effective disease surveillance system is essential to quickly detecting disease outbreaks before they spread, cost lives, and become difficult to control. Reporting of diseases is required by physicians, laboratories, schools, and daycares for both diagnosed and suspected cases of communicable disease. Public health officials in Livingston County collaborate to perform disease surveillance, case and outbreak investigation, contact tracing, education, treatment, and immunization for over 70 reportable communicable diseases. These public health strategies are used to understand disease transmission and implement county-level interventions to reduce the spread of communicable diseases in Livingston County.

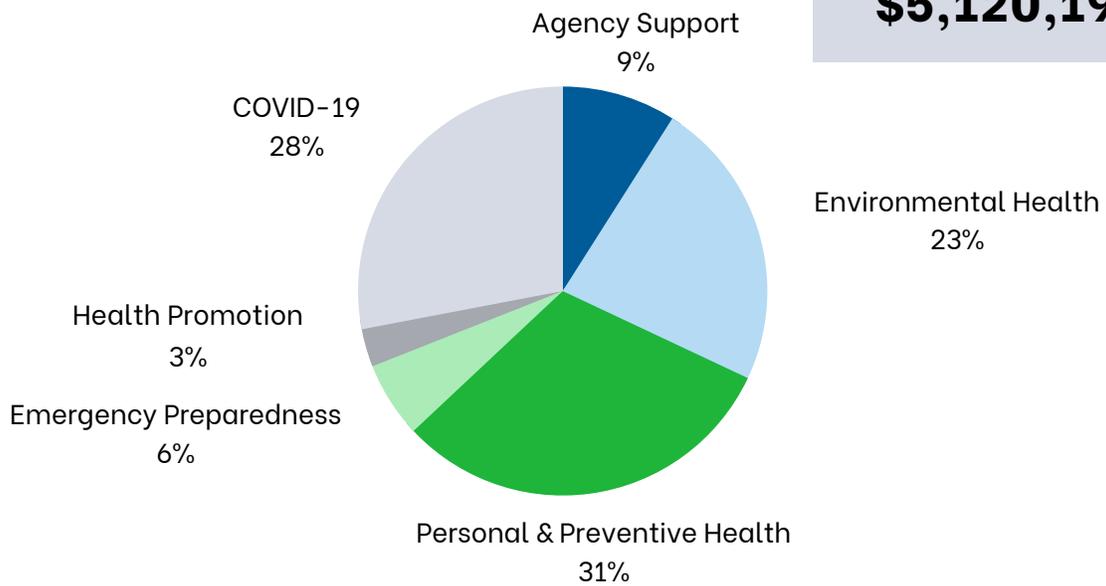
COMMUNICABLE DISEASE TRENDS IN LIVINGSTON COUNTY

<i>Disease Group</i>	Communicable Disease	2018	2019	2020	2021	2022
<i>Foodborne</i>	Campylobacter	26	36	16	21	27
	E. Coli 0157:H7	6	5	4	2	10
	Giardiasis	3	3	7	10	11
	Salmonellosis	23	17	9	9	16
	Shigellosis	1	0	1	2	3
<i>Meningitis</i>	Meningitis aseptic/viral	16	15	4	5	9
	Meningococcal Disease	0	1	0	0	0
<i>Sexually Transmitted Diseases</i>	Chlamydia	384	344	299	320	229
	Gonorrhea	49	49	67	49	43
<i>Tuberculosis</i>	Tuberculosis	0	1	0	1	1
<i>Vaccine Preventable Diseases</i>	Pertussis	33	18	3	8	13
<i>Viral Hepatitis</i>	Hepatitis A	2	0	0	0	0
	Hepatitis B, acute	1	0	0	1	1
	Hepatitis C, acute	1	1	1	1	3
	Hepatitis C, chronic	143	71	60	62	48

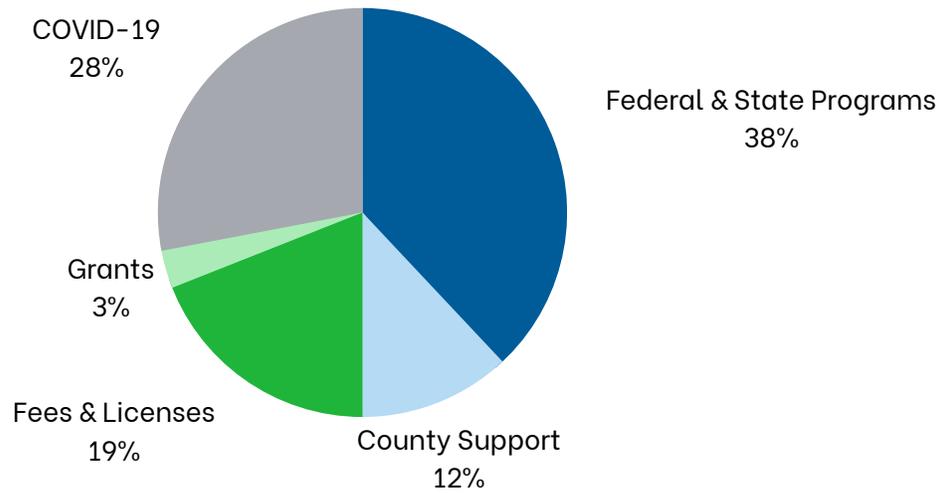
FINANCIAL OVERVIEW

Expenses by Division

Total operating budget:
\$5,120,193



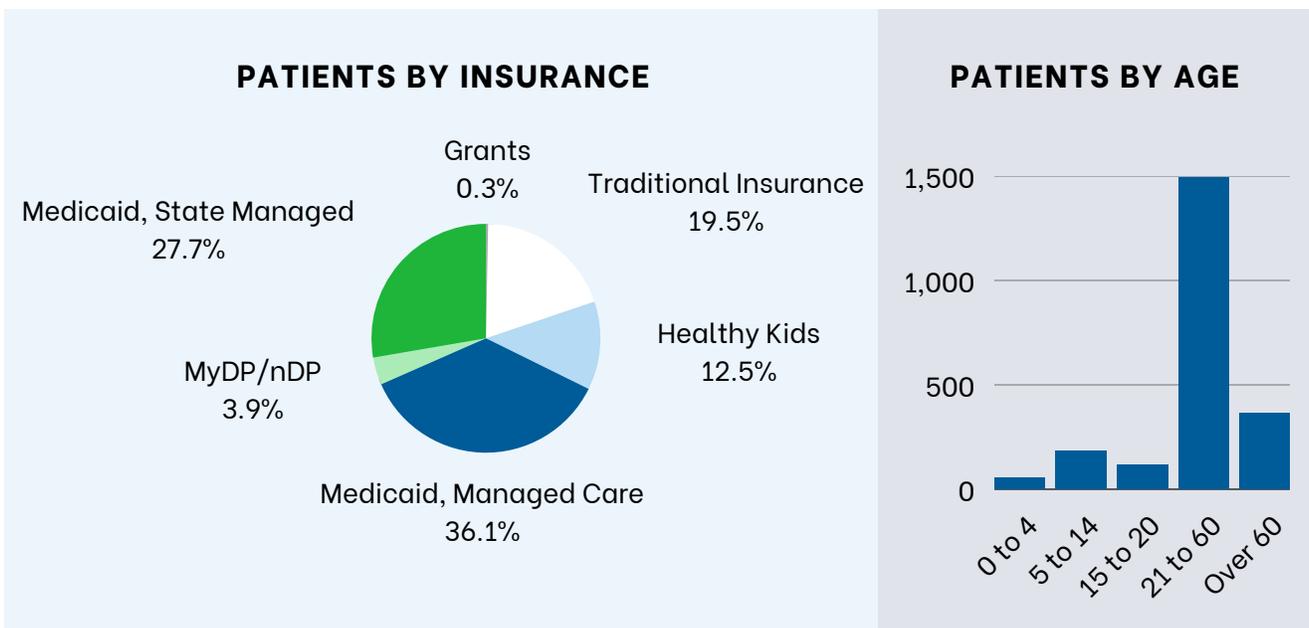
Revenues by Source



MY COMMUNITY DENTAL CENTERS



The partnership between LCHD and MCDC was formed to address the need for dental services to Medicaid enrollees and low-income, uninsured residents throughout Livingston County. MCDC provides services on behalf of LCHD, with the mission to improve the lives of patients and enhance community health by setting the highest standard of oral health care. At MCDC, it is all about the people- they strive to provide each patient with pleasant and stress-free dental care at a cost they can afford.



MCDC Served 2,202 patients with 4,748 office visits in 2022.





LIVINGSTON COUNTY Health Department

Mission

Livingston County Health Department will protect, preserve, and promote the health and safety of the people of Livingston County.

Vision

Livingston County will be a safe and healthy community where all people realize their fullest health potential and live enriched and productive lives.

Matt Bolang

Director/Health Officer

Dr. Juan Marquez

Medical Director

Heather Blair

Deputy Health Officer
Director of Environmental Health

Rebecca Leach

Deputy Health Officer
Director of Personal & Preventive
Health Services



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