



LIVINGSTON COUNTY
Health Department

Annual Report
2018



A note from our Health Officer...

To the Livingston County Board of Commissioners, community partners, and residents of Livingston County, we are pleased to submit to you the Livingston County Health Department (LCHD) 2018 annual report. This report highlights our key initiatives during the past year to protect, improve and promote the health and safety of all residents of Livingston County.

Throughout the year, we worked hard to provide vital services to the community, including:



Preventing and containing disease outbreaks through emergency preparedness, education, vaccination, surveillance, and follow-up on reportable diseases.



Ensuring our food, water, and environment are safe and clean through restaurant inspections, water testing, surveillance, and risk communication.



Strengthening community engagement by nurturing existing partnerships and cultivating new ones in order to build a strong infrastructure of health/social care providers.

The activities and achievements outlined in this annual report demonstrate LCHD's commitment to protecting, preserving and promoting the highest level of health possible for the people of Livingston County. We are honored to work for you and look forward to continuing to work with members of our communities.

Sincerely,
Dianne McCormick, Director/Health Officer

LCHD Awarded National Accreditation

On August 21, 2018, LCHD was awarded national accreditation by the Public Health Accreditation Board (PHAB). The goal of the national accreditation program is to improve and protect the health of the public by advancing and transforming the quality and performance of the nation's public health departments. The accreditation process ensures that the programs and services offered are as responsive as possible to the needs of our community. With accreditation, LCHD demonstrates increased accountability and credibility to the public, funders, elected officials, and partner organizations with which we work. LCHD worked hard to earn this recognition and it would not have been possible without the help of our dedicated staff and community partners.

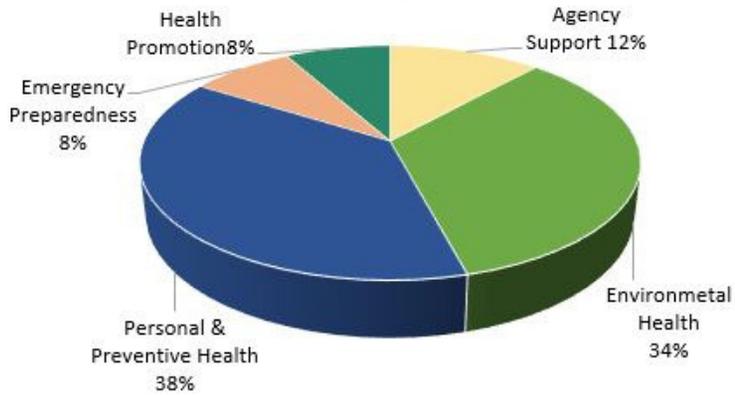
THE VALUE OF PHAB ACCREDITATION

- ✓ QUALITY IMPROVEMENT
- ✓ PARTNERSHIPS
- ✓ ACCOUNTABILITY
- ✓ STRENGTHS/WEAKNESSES IDENTIFIED

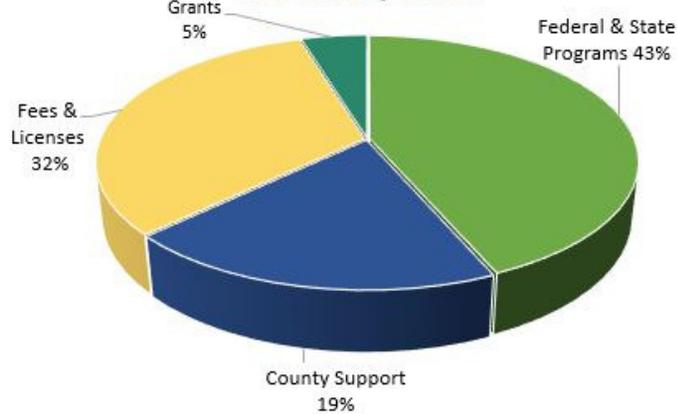


Financial Overview

Expense By Division

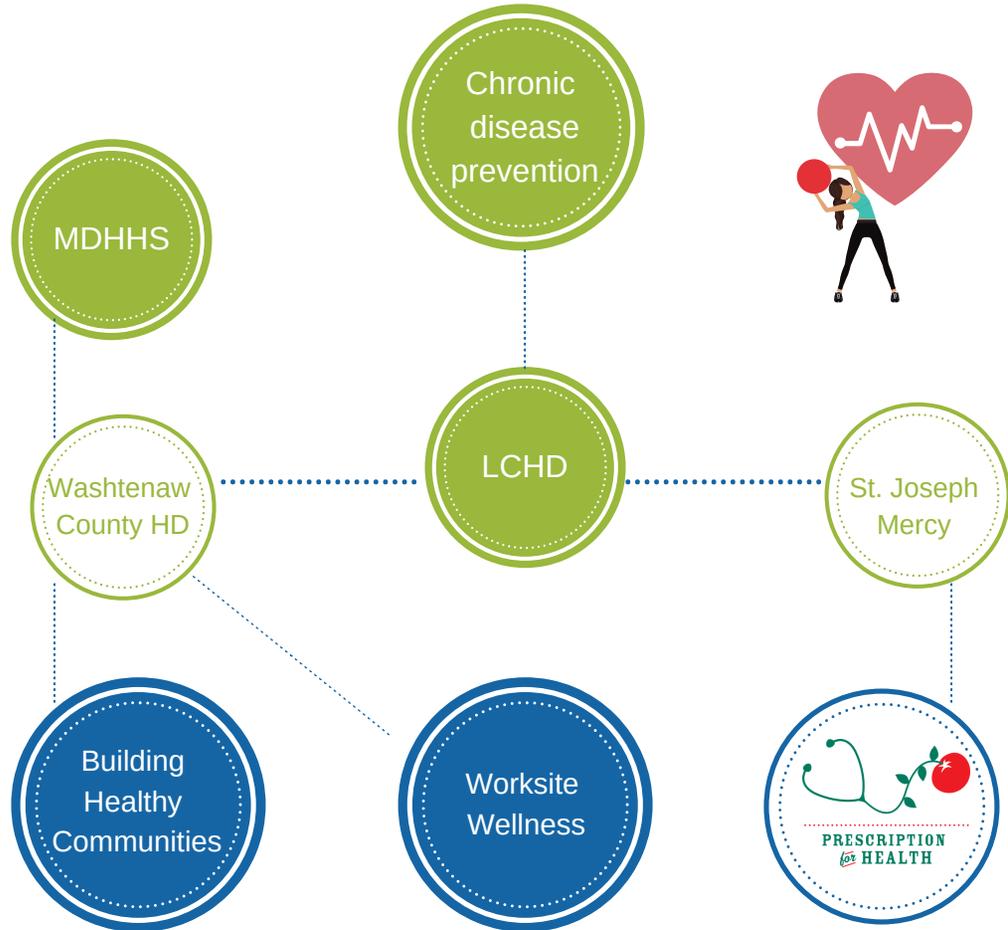


Revenue By Source



Promoting Healthy Living

In 2018, LCHD expanded its focus on prevention and intervention for individuals with chronic disease in the community by growing its targeted health promotion programs. The Prescription for Health, Building Healthy Communities and Worksite Wellness programs are the result of collaboration between LCHD and other agencies and continue to address factors such as food insecurity, health education, community resources and an active lifestyle.



Hepatitis A Outbreak Response

A statewide hepatitis A outbreak persisted in 2018 and though Livingston County has not seen a case since spring of 2017, LCHD continues outreach to identified high-risk populations:

- Persons who use injection or non-injection drugs
- Persons who have been recently incarcerated
- Men who have sex with men (MSM)
- Persons who are currently homeless/in transient living conditions
- Persons with chronic liver disease

LCHD continues to bring awareness to the risk of hepatitis A with public outreach and media campaigns. Information is shared through community partners, workgroups, social media and website updates, and human service google group announcements.

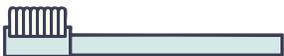
In 2018, additional outreach occurred through a unique partnership with Region 1 Health Departments who coordinated a joint media campaign with the GayAd Network to target the MSM population in our region. LCHD also worked closely with healthcare providers by sharing information about new guidelines for post-exposure prophylaxis and the availability of hepatitis A vaccine at LCHD for uninsured and underinsured individuals. Although outbreak cases are decreasing across the state, the risk remains as travel season approaches and other states experience outbreaks as well. LCHD continues to monitor the situation to ensure the public remains informed and educated about hepatitis A and the risk for contracting the disease.



Increasing Access to Oral Health Care



LCHD is pleased to partner with My Community Dental Centers (MCDC) to increase access to oral health care to the underserved population in Livingston County and surrounding areas. Since opening its doors in 2017, MCDC Howell has served over 3,376 individual patients and in 2018 they served nearly 600 more patients than in the previous year. This number continues to grow.



PFAS Response

In August of 2018, LCHD was notified of fish with elevated PFAS levels from Kent Lake in Kensington Metropark. Further testing of fish and surface water in the watershed led to the Michigan Department of Health and Human Services (MDHHS) issuing a “Do Not Eat” advisory for fish in the Huron River, including the “chain of lakes” from Wixom all the way to Lake Erie. MDHHS also tested close to 100 drinking water wells in the county that serve communities, schools, and childcare facilities. Results from seven of these wells showed low levels of PFAS but no health concern. This is an issue we will continue to monitor for many years to come.

What are PFAS?

Perfluoroalkyl and polyfluoroalkyl substances or PFAS, are a group of toxic human-made chemicals that are used in common household products. PFAS are linked to health risks including cancer, low birth weight, thyroid disease and increased cholesterol levels.

DO NOT EAT THE FISH

This area is part of the Do Not Eat Fish Advisory issued by the State of Michigan due to high amounts of PFAS found in fish.

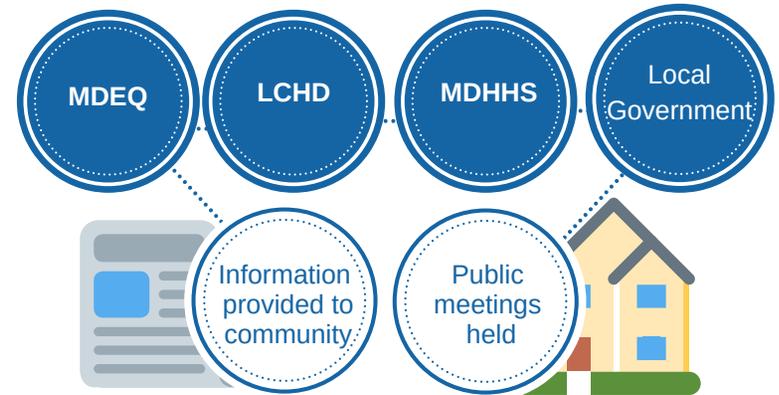


Enjoy swimming, boating, and catch and release fishing. Touching the water is not a health concern.

For more information, call MDHHS at 1-800-648-6942 or visit www.michigan.gov/pfasresponse



Vapor Intrusion



In 2018, historical contamination sites in Livingston County were investigated for signs of vapor intrusion (VI). This included an area near Brighton High School, another site in Green Oak Township on Whitmore Lake Road, and a site in the Village of Pinckney. LCHD worked collaboratively to provide accurate information and participated in several public meetings. Some homes in the Brighton area did test elevated for certain vapors. Health risks are different for each person and chemical. The amount of chemical exposure, the length of time exposed to a chemical, and the general health of the person all play a part in how VI affects someone’s health. The Michigan Department of Environmental Quality (MDEQ) installed vapor mitigation systems for those homes that had elevated vapor levels. LCHD will continue to coordinate with the MDEQ, MDHHS, local government, and our residents to address VI.

Swine Flu Response

The LCHD Public Health Emergency Coordination Center (PHECC) launched into action this past summer after receiving a call about ill swine at the Fowlerville Family Fair. Variant influenza poses a serious risk to the public because many individuals don't have immunity to these flu strains which can then spread rapidly through the community. Three days after receiving calls about the ill swine, residents who had attended the Fair began reporting symptoms of influenza like illness. Having well-established partnerships and pre-identified response steps in place allowed for a prompt and efficient response greatly reducing the risk of further exposure to the community.



Building Resiliency Through SAY

Through our SAY LivReady program, the Medical Reserve Corps (MRC) continues its efforts to educate our vulnerable senior and youth (SAY) population on public health wellness and emergency preparedness topics. The goal of the SAY LivReady program is to empower our senior and youth population to Be LivReady, or healthy and prepared for the unexpected. In 2018, the SAY LivReady program expanded to include training MRC instructors for the nationally recognized basic life-saving programs known as Stop the Bleed and Until Help Arrives, in addition to the already existing Family Preparedness & Wellness, and CPR/AED & First Aid classes.



Family Preparedness & Wellness



CPR/ First Aid



Until Help Arrives



LIVINGSTON COUNTY Health Department

Dianne McCormick
Health Officer

Dr. Donald Lawrenchuk
Medical Director

Matt Bolang
Director of Environmental Health

Elaine Brown
Personal/ Preventive Health Director
Deputy Health Officer



www.LCHD.org

2300 E. Grand River Ave.
Suite 102
Howell, MI. 48843



Like us on Facebook!

Program Statistics



Personal/ Preventive Health

- 381 Communicable disease cases reported and investigated
- 426 Sexually transmitted disease cases investigated
- 19 HIV/AIDS tests administered
- 359 Tuberculin skin tests
- 550 Families supported by Children's Special Health Care Services
- 1,104 Children needed further evaluation after 15,866 Hearing and Vision screenings
- 2,424 Immunizations to 1,633 children & adults
- 1,696 WIC clients served
- 329 animal bites reported & investigated



Emergency Preparedness

- 975 Volunteer hours worth approximately \$31,844
- 1 Emergency activation for a highly communicable disease
- 5 Workshops and exercises completed
- 30 Training events held
- 38 Community outreach trainings provided
- 5 Emergency call-outs issued
- 674 Elementary students given Go-Kits and trained by MRC in Family Preparedness/Wellness
- 137 Elementary students trained by MRC in CPR/ First Aid
- 78 Seniors/caregivers trained by MRC in CPR/ First Aid
- 56 Seniors/caregivers trained by MRC in Unitl Help Arrives
- 27 MRC trained as Stop the Bleed or Until Help Arrives Instructors
- 2 Community events attended as exhibitor



Environmental Health

- 1,258 Food service inspections
- 86 Food service complaints investigated
- 541 Well permits issued
- 451 Septic system permits issued
- 65 Public swimming pools regulated
- 14 Public beaches regulated
- 386 Non-community public water supplies regulated
- 23 Campgrounds inspected
- 75 General complaints investigated



Health Promotion

- 14 Press releases sent to local media
- 9 Community events attended as an exhibitor
- 4 Professional conference presentations
- 67 New Facebook page 'likes'
- 12 Employee newsletters
- 2 Employee wellness activities
- 126 Prescription for Health participants
- 9 StairWell locations marked (educational signs encouraging stair vs. elevator use in public locations)
- 6 Livingston County employers provided stipends through Worksite Wellness, benefiting 1,176 persons employed within the county
- 1 Livingston County map of ADA accessible trail locations created

LIVINGSTON COUNTY COMMUNITY LEADERSHIP MBA PROGRAM



In partnership with the Greater Brighton Area, Hartland Area, and Howell Area Chamber of Commerce, Cleary University now offers a dynamic new Master of Business Administration Program (MBA) for aspiring leaders throughout the region.

This innovative new program was designed with working professionals in mind to further establish new pathways to education and engagement throughout Livingston County.

Classes include a convenient combination of online and on-ground delivery and feature unique on-site class sessions, one evening per week, at chamber members' organizations to enhance community awareness, leadership development, and economic growth.

EXCLUSIVE SCHOLARSHIP OFFER

In alignment with Cleary's mission to invest in community leadership development, candidates selected for this inaugural class will be awarded a **50% Community Partner Tuition Scholarship**. To maximize learning and engagement, this initial group will be limited to 25 candidates which will begin in May 2019.

Students must meet Cleary University admissions criteria to be eligible for this program. Learn more by contacting your local Chamber of Commerce or visit online at:

www.cleary.edu/livingstonmba

PROGRAM HIGHLIGHTS

- Program is limited to chamber member organizations and their employees
- Diverse group learning environment
- Convenient course calendar for working professionals
- Accelerated and unique combination of online and on-ground courses
- Facilitates enhanced community leader networking and collaboration
- Prominent industry-experienced faculty



NETWORK FOR LIFE

Strategic networking and partnership development amongst classmates throughout Livingston County



ROI

Capstone Project provides real-world application to identify cost savings or new revenue growth and true return on investment for students and their organization



FULLY ACCREDITED

Award-winning academic programs taught by faculty who are leaders in industry





Liv.Co **UPDATE**

Monthly News from the
Livingston County Commissioners



May 2019

Livingston County Board of Commissioners



- District 1 - Kate Lawrence
- District 2 - William Green
- District 3 - Wes Nakagiri
- District 4 - Douglas G. Helzerman
- District 5 - Donald S. Parker
(Board Chairman)
- District 6 - Robert J. Bezotte
- District 7 - Carol S. Griffith
- District 8 - Dennis L. Dolan
(Board Vice-Chairman)
- District 9 - Gary Childs

"The mission of Livingston County is to be an effective and efficient steward in delivering quality services within the constraints of sound fiscal policy. Our priority is to provide mandated services which may be enhanced and supplemented to improve the quality of life for all who work, reside, and recreate in Livingston County."

MDCs Purchased for Law Enforcement & Fire Services



Livingston County has purchased 22 mobile data computers (MDCs) to be utilized by local and county law enforcement and fire service agencies. The MDCs were purchased from fiscal year 2018 Homeland Security Grant Program funds. The new MDCs

will allow law enforcement and fire services to better communicate from their response units. The MDCs won't replace response unit radios, but will enhance communications between dispatch and responders, allowing these agencies to better serve our citizens. Everything from running law enforcement information sharing, emergency response information, and medical information can be done from the new MDCs.

Monthly Meetings

- 5/6/2019 - General Government & Health & Human Services Meeting at 7:30 PM
- 5/8/2019 - Finance Committee at 7:30 AM
- 5/13/2019 - Full Board Meeting at 7:30 PM
- 5/15/2019 - Personnel Committee at 8:30 AM
- 5/20/2019 - Infrastructure & Development & Public Safety at 7:30 PM
- 5/22/2019 - Finance Committee at 7:30 AM
- 5/28/2019 - Full Board Meeting at 7:30 PM

EMS Will Provide Transportation for Marquette Hospital Move

On June 2nd, Livingston County EMS will provide ambulance transportation to move patients in Marquette General Hospital from the "old" hospital to the "new" hospital. Marquette General Hospital will reimburse Livingston County EMS for the transportation services rendered. This pre-planned move to the newly constructed hospital allows for Livingston County EMS and the Region 1 Medical Coalition to test the Region One evacuation plan and use this move as a learning experience. EMS Director Jeff Boyd estimates the move of 110 –130 patients will be completed in about 12 hours.



Resolutions Passed by the Board of Commissioners & Appointments

- The 2019 - 2023 Livingston County Parks and Open Space Plan has been adopted. The Plan will be used as a guideline for improving recreation and enhancing open space conservation in Livingston County. You can see a copy of the 2019-2023 Parks & Open Space Plan at:
<https://www.livgov.com/parks/Pages/default.aspx>.
- A part-time Deputy Circuit Court Clerk position has been increased to a full-time Deputy Courtroom Clerk. In February 2019 a Local Administrative Order took effect that substantially reallocated docket assignments between judges. This reassignment has increased the number of court sessions the County Clerk must attend.
- In compliance with the Employee Business Expense Policy, a summary of all County employees who traveled outside of Michigan during 2018 for professional development was compiled in the 2018 Out-of-State Travel Report and presented to the Board.
- The Tax Allocation Board meets yearly to review the proposed budgets of each respective township, school district, and the County and determine the tax rate. The Estimated 2020 General Fund Budget for Livingston County was agreed upon and submitted to the Tax Allocation Board.
- The Equalization Department has examined the assessment rolls of the sixteen townships and three cities within Livingston County to ascertain whether the real and personal property in the respective townships and cities have been equally and uniformly assessed at true cash value. Equalization presented their data that equalized the townships' and cities' valuations to the Board where it was approved and adopted as the equalized value of all taxable property.
- Community Corrections will submit the 2020 Community Corrections Grant Application to the Michigan Department of Corrections for funding. Funding is requested to provide outpatient treatment, group programming, and more.
- Central Dispatch has completed a budget amendment and funds transfer to cover incurred owner responsibility costs related to the new 911 facility project in the amount not to exceed \$175,580.
- As a result of the acquisition of Arcadia Benefits Group, Inc., the county's current provider of service, by Navia Benefit Solutions, Inc., a service agreement with Navia to continue the county's flexible spending account and Cobra administration services was approved.
- Livingston County will participate in the fiscal year 2018 Homeland Security Grant Program (HSGP.) The HSGP is the funding mechanism for building and sustaining national preparedness capabilities.
- C&C Sports of Brighton will provide 2 loaner Sea-Doos for use in the patrol of County waterways during the 2019 Marine Safety Program.
- A one-year agreement with Vance Outdoors, Inc. to provide ammunition supply services for the Livingston County Sheriff's Office has been approved.
- The Board has authorized the issuance of Refunding Bonds that were used to defray part of the cost of constructing, furnishing, and equipping County Jail facilities to be issued and sold.
- A first quarter supplemental appropriation to the fiscal year 2019 budget has been approved.
- The following individuals have been appointed to a seat on the Livingston County Building Authority.
 - Ken Hinton - Term expires 12/31/2022
 - Cynthia Catanach - Term expires 12/31/2022
 - Jennifer Nash - Term expires 12/31/2021
 - Barbra Cox - Term expires 12/31/2021
 - Mike Arens - Term expires 12/31/2020