

# Livingston County Health Department

## Annual Report 2017



To protect, preserve,  
and promote the health  
and safety of the people of  
Livingston County.

### Personal/Preventive Health

- 398 Communicable disease cases
- 22 Tests for HIV/AIDS
- 430 Sexually transmitted disease cases
- 391 Tuberculin skin tests
- 547 Families enrolled in Children's Special Health Care Services
- 6,485 Hearing and 10,465 vision screenings
- 827 Individuals immunized
- 1,696 WIC clients served
- 1,627 Unique dental patients served in 3,603 visits

### Emergency Preparedness

- 3 Emergency activations for highly communicable diseases
- 1 Human service collaboration plan created for at-risk residents
- 11 Workshops & exercises
- 17 Training events
- 7 Community events attended as an exhibitor
- 900 MRC volunteer hours worth approximately \$29,000
- 14 MRC trained to be SAY LivReady instructors
- 8 MRC trained to be CPR/First Aid instructors
- 75 Go-kits distributed to seniors
- 1 Storyboard on Reunification Support presented at the 2017 Preparedness Summit

### Health Promotion

- 19 Press releases sent to local media
- 15 Community events attended as an exhibitor
- 22 Health promotion/education presentations to classrooms and community groups
- 2 Professional conference presentations
- 178 New Facebook page 'likes'
- 12 Employee newsletters
- 3 Employee wellness activities
- 75 Prescription for Health participants
- 1,891 Individuals impacted by nutrition guidelines at food pantries

## AT A GLANCE

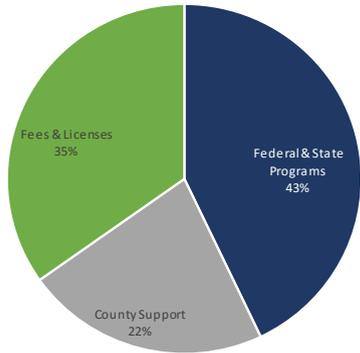
### Environmental Health

- 1,264 Food service inspections
- 50 Food service complaints investigated
- 566 Well permits issued
- 450 Septic system permits issued
- 64 Public swimming pools regulated
- 16 Public beaches regulated
- 45 General complaints investigated
- 381 Non-community public water supplies regulated
- 21 Campgrounds inspected

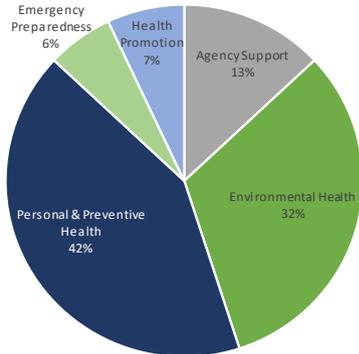
# Financial Overview

## 2016-2017

Revenue By Source



Expenses by Division



## Expanding Chronic Disease Prevention Efforts

Livingston County Health Department continues to focus on preventing and managing chronic disease through the continuation of the Prescription for Health and Building Healthy Communities programs, and the addition of a grant-funded Worksite Wellness program.

Prescription for Health is a fruit and vegetable prescription program that gives participants \$100 in tokens to spend at local farmers markets to reduce their incidence of chronic disease. This is the second year of the program in Livingston County thanks to funding from St. Joseph Mercy Health System. Community Health Workers provide health education to participants and connect them to valuable community resources throughout Livingston County.

Building Healthy Communities is financed through a Michigan Department of Health and Human Services (MDHHS) grant with Washtenaw County Health Department (WCHD). Year one of the grant (2016-2017) promoted healthy food service guidelines and healthy food choices through product placement and promotion in local food pantries, while year two (2017-2018) is focusing efforts on a walking campaign to increase physical

*“LCHD is continuing to prioritize the health of Livingston County residents by seeking out grant opportunities that address chronic disease and make it easier for those who live, work, and play in Livingston to live healthier lives.”*

*~Chelsea Lantto, Health Promotion Coordinator*

activity in Livingston County via using the stairs and taking to the county's many trails.

Worksite Wellness, a new program at LCHD, is financed through an MDHHS grant with WCHD. This grant allows LCHD to partner with six Livingston County businesses in 2017-2018 to assess the status of their worksite wellness efforts and improve/expand upon those efforts. The goals of the program is to increase healthy behaviors and decrease obesity and tobacco use. Each of the participating businesses

receives a \$1,000 stipend to use to implement specific strategies designed to improve the health and wellness of their employees.

LCHD looks forward to continuing chronic disease prevention in Livingston County.

## Hepatitis A Outbreak Response

Communicable Disease (CD) is a state-funded (mandated) program for local health departments, which means that LCHD is required to investigate/follow-up on reported communicable diseases based on the Communicable Disease Rules. Public health officials and the Michigan Department of Health and Human Services (MDHHS) noticed an increase in hepatitis A cases starting in August 2016 and continued to see an elevated number of hepatitis A cases in the state during 2017.

Hepatitis A is a serious, highly contagious liver disease caused by the hepatitis A virus. Illness can appear 15-50 days after exposure and can cause a person to be sick for several weeks. MDHHS responded to this outbreak with additional funding to assist in a coordinated public health response in outbreak affected areas of the state. The public health response included increased healthcare awareness efforts, public notification and education, and outreach with vaccination clinics for high-risk populations.

In 2017, LCHD received six hepatitis A case reports. Livingston county averages less than two cases per year. Since many of these cases were linked to the outbreak, LCHD began a public awareness

*“This outbreak has been challenging because no common sources of food, beverages, or drugs have been identified as a potential source of infection, and the hospitalization rate is high. As a result, our relationships with community partners who work with high risk groups have been crucial to our response.”*

*~Elaine Brown,  
PPHS Director/  
Deputy Health  
Officer*

campaign focusing on food service establishments/workers and planning vaccination clinics for high-risk populations. LCHD hired Medical Reserve Corps members to assist with follow-up calls to food service establishments, to staff walk-in/extended clinic hours, and to provide vaccinations at off-site clinics to high risk groups. Additionally, LCHD is continuing to work with community partners to reach those at highest risk for this disease. Those with history of injection and non-injection drug use, homelessness or transient housing, and incarceration are thought to be at greater risk in this outbreak setting.

Our efforts will continue into 2018 as the outbreak continues to unfold.

## Mosquito Surveillance

This past summer, the Environmental Health Division participated in a grant funded Zika virus mosquito surveillance program led by the Michigan Department of Health and Human Services-Emergency and Zoonotic Infectious Diseases Division. The purpose of this program was to determine if mosquito species (i.e. aedes albopictus and aedes aegypti) that carry the Zika virus were present in Livingston County. Five mosquito traps that are designed to attract these species of mosquito were placed two nights a week at sixteen different businesses and/or residences throughout the County.

In summary, the mosquitos that carry the Zika virus were not identified in the County. However, thirteen other species were, with 79% of them being aedes triseriatus, culex pipiens, and coquillettidia perturbans mosquitos. These mosquitos are often associated with diseases such as Dog Heartworm, St. Louis Encephalitis, and West Nile Virus. To date, only Wayne County has documented the identification of aedes albopictus which is also known as the Asian Tiger mosquito, but there is no evidence of Zika-virus-infected mosquitoes in the state at this time.

# Greetings from Our Health Officer

On behalf of the Livingston County Health Department, I am pleased to present our 2017 annual report that highlights efforts being made to keep our families safe and healthy and our environment clean. Our services and programs are designed to improve the overall health status of our residents by engaging the community and collaborating with many partners. A special thank-you to the Livingston County Board of Commissioners and County Administration who provide their support of the department and value having a strong and competent workforce for the delivery of our services.

Some of the highlights from 2017 I wish to share include the opening of the Livingston Dental Center, which provides dental care for the underserved in the community. We also had a confirmed measles case in the spring reminding the community of the importance for proper immunization against vaccine preventable diseases. We were awarded a Certificate of Quality by the State Accreditation Board and successfully met all of our minimum program requirements during Cycle 7 State Accreditation review. We also submitted documentation to the Public Health Accreditation Board in anticipation of becoming nationally accredited in the near future.

There are so many more accomplishments that occurred in 2017 and on behalf of the dedicated employees of LCHD, I wish to share the highlights within this report with the community and invite you to contact me should you have any questions.

Sincerely,  
Dianne McCormick, Director/Health Officer



## Livingston County Health Department

Dianne McCormick  
Health Officer

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# Emergency Preparedness Builds Resilience

In 2017, the Emergency Preparedness program and Livingston County Medical Reserve Corps focused on increasing community resiliency by strengthening emergency preparedness partnerships and promoting a preparedness and wellness mindset in our senior and youth population. Key highlights include: engaging in a reunification training workshop and full-scale exercise with 42 of our local response and community partners, providing preparedness and wellness outreach and free emergency go-kits to 75 seniors in our county, and forming a county Volunteer Management Committee to address the multiagency coordination required to organize and mobilize volunteers during an emergency. We also partnered with other human service agencies to create the Livingston County Plan for Provision of Emergency Services to People with Access and Functional Needs to aid at-risk individuals during a response. Additionally, we responded to two real communicable disease events in our county – measles and hepatitis A – and worked collaboratively with our partners to ensure the needs of the public were met. Our departmental staff and MRC volunteers train, exercise, plan and prepare for public health emergency events routinely. It is our goal to continue to build and strengthen our partnerships to meet the needs of our community and to empower individuals to be prepared.

