



2010 Annual Report

Livingston County Department of Public Health



From the Director



To the residents of Livingston County:

On behalf of the Board of Commissioners and the staff of our Department, I present the 2010 Annual Report for the Livingston County Department of Public Health (LCDPH). The report will provide details of the major activities we have accomplished over the past year. It will also provide our revenue and expense summary. Federal and State funds account for a majority of our revenue followed by fees and licenses. Agency support accounts for only 4% of our expenses. We continue to direct our decreasing resources to client services while minimizing our administrative costs.

Effective public health is one of the characteristics of an industrialized society. Many of the major improvements in the health status of our country have been realized because of public health measures. These include programs to assure that our water and food are safe to consume, immunizations to prevent illness, and surveillance to monitor and control the spread of disease. Public health needs to be considered as an investment for the wellbeing of the community. Without the investment in those basic services the overall health of the community will begin to decline.

I am extremely proud to be associated with such a dedicated public health staff and their commitment to provide the highest quality service to our residents. I encourage you to review the report and contact me if you have questions or comments.

Sincerely,

Ted Westmeier

Ted Westmeier, RS, MPH
Director/Health Officer

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Mission

Livingston County Department of Public Health 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.

HIGHLIGHTS

SMOKE FREE IN 2010

On May 1, 2010, new legislation prohibited smoking in restaurants, bars, and businesses in Michigan. In Livingston County, nine tobacco complaints were received in 2010. The complaints included: six licensed food service establishments/bars and four manufacturing facilities.

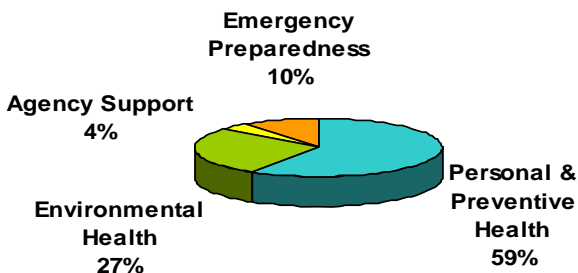
The investigations and enforcement activities resulted in 100% voluntary compliance. Business owners and patrons are following the requirements of the law, and as a result Michigan workers are protected from the harmful effects of secondhand smoke exposure.

PUBLIC HEALTH MASS VACCINATION DRIVE-THRU CLINIC

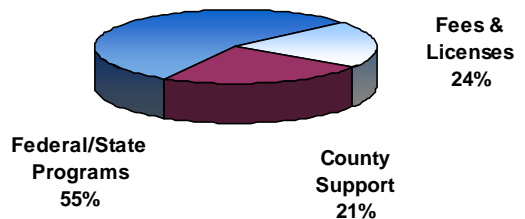
In November 2010, LCDPH implemented a Mass Vaccination Drive-Thru Clinic for Livingston County Employees and First Responders (Police and Fire). This emergency response exercise was designed to provide the flu vaccine to County employees and first responders in a drive through setting. The goal of this exercise was to test our ability to respond to a community need on a smaller scale. The clinic ran for a 4 hour block in the late afternoon at the Livingston County Road Commission Building and was staffed by eleven LCDPH employees and ten Public Health Volunteer Response Team (PH Volunteer Response Team) nurses. Nurses and support staff were provided Just-in-Time training prior to the start of the clinic. Nurses administered the flu vaccine while participants remained in their vehicles. A total of 152 participants received the flu vaccine during the clinic. This emergency response exercise was successful and helped us to evaluate how we would manage a mass vaccination drive through clinic scenario on a larger scale. With the help of dedicated participants, staff and volunteers, we were able to successfully validate that the concept of medication delivery in a drive through setting will work in a public health emergency situation.

REVENUE AND EXPENSES

Expenses by Division, 2010



Revenue by Source, 2010



Public Health Emergency Preparedness

LCDPH continues to plan and prepare to be ready to respond and protect our community in a public health emergency. LCDPH currently has a Public Health Volunteer Response Team (PH Volunteer Response Team) that is comprised of approximately 270 registered nurses and a few pharmacists. LCDPH, along with the PH Volunteer Response Team, continues to partner with our local community in response and preparedness efforts.

Private and Public PH Volunteer Response Team Website

As part of our preparedness efforts, LCDPH created a public and private website for our PH Volunteer Response Team program. The websites were introduced in 2010 and were designed to be a resource tool for our community and our volunteers in emergency response training.

The public PH Volunteer Response Team website is accessed via our home page at www.lchd.org. This website provides general information about our volunteer program, instructions on how to join the team and contact information. Volunteer applications can be accessed via the public PH Volunteer Response Team website.

The private PH Volunteer Response Team website can be accessed via the home page or at www.lchd.org/phvrt. However, the private website is a secure website that is only available to active PH Volunteer Response Team members. This website provides details about past and future training events, required volunteer forms, and links to online training and resources in emergency response. PH Volunteer Response Team members can access the website to download emergency response training handouts and presentations and partake in online training programs. The private PH Volunteer Response Team website is equipped with a private calendar which allows members to access their personal account and register for training events on their own. The website is designed to be a communication tool between current emergency response efforts and our volunteer team. The ultimate goal of the website is for our volunteers to have a resource that they can access 24 hours/7 days a week and find up-to-date information about our program and potential public health emergencies.

Environmental Health Services

AIR QUALITY

LCDPH provides resource information and consultation on various sources of air pollutants, such as: radon, mold, lead, asbestos, mercury, carbon monoxide, environmental tobacco smoke, and volatile organic compounds (VOC's).

COMMUNITY HEALTH AND SAFETY

LCDPH provides environmental health inspections for public swimming pools, public bathing beaches, child and foster care facilities, and public campgrounds. LCDPH is an emergency resource to local EMS in potential contamination events that could impact the public's health.

Inspections:

- 9 public campgrounds
- 2 temporary campgrounds
- 8 children's campgrounds
- 79 adult foster care and child care facility inspections
- 64 public pools & spas
- 14 public beaches

FOOD PROTECTION

LCDPH evaluates food service establishments to ensure proper food handling and review standard operations in an effort to eliminate potential food-borne illness. LCDPH trains and certifies food service employees and managers. Local restaurant evaluation results are available online at www.lchd.org.

Program activities:

- 412 fixed food service establishments
- 22 plan reviews
- 7 food vending evaluations
- 115 food-borne illness investigations
- 784 routine food service evaluations
- 106 temporary food evaluations
- 3 transitory food units
- 33 special transitory food units
- 76 people trained in Serv-Safe classes

Environmental Health Services

WASTE MANAGEMENT

LCDPH evaluates conditions for suitability of onsite sewage disposal, evaluates system construction, and reviews or investigates complaints of improper operation and maintenance of onsite sewage disposal facilities. LCDPH acts as the local permitting agency for all residential and small commercial onsite sewage treatment systems.

Program activities:

- 189 site evaluations
- 11 licensed waste hauler truck inspections
- 199 septic system permits
- 615 construction inspections
- 28 complaint investigations
- 1 septage receiving station inspected

WATER QUALITY

LCDPH acts as the local permitting agency for all residential and small public water supply systems and maintains active involvement in mapping and monitoring sites of environmental concern within the county.

Program activities:

- 315 permits
- 168 construction inspections
- 266 private wells sampled adjacent to contamination sites
- 398 non-community supplies, with 114 inspections

Personal and Preventive Health Services

CHILDREN'S SPECIAL HEALTH CARE SERVICES

This program provides a broad range of care coordination services including referrals for diagnostics, completion of applications for new or renewed enrollment, determination of financial eligibility, assistance with billing and transportation issues for families of children with special needs. These services were provided to 472 families.

COMMUNICABLE DISEASE CONTROL

Communicable Disease Control includes surveillance, epidemiological investigation, and prevention and control of communicable diseases. Newly emerging and reemerging infectious diseases may be a threat to public health and therefore must be monitored. The identification and timely reporting of disease and infection by hospitals, health care providers, and schools to the Health Department comprise the first steps in the disease control process. Prompt investigation of infectious diseases by our staff assists in identification of the source of the infection and reduces the potential spread of the disease.

Program activities:

- Investigation of 410 reportable communicable diseases.
- Follow-up on 304 animal bites with potential rabies exposure. Of the animals submitted from Livingston County and tested at the MDCH, one bat was positive.
- Testing for HIV/AIDS which focuses on prevention and education. We provided 69 individuals with these services, and participated in National HIV Test Day.
- Follow-up on 291 individuals with a Sexually Transmitted Infection (STI). We provided education and referral for evaluation and treatment.
- TB Prevention and Control: Screening for TB is recommended for individuals who are considered to have an increased risk of TB infection, as compared to the general population. 623 TB skin tests were administered and follow-up care was provided to those determined to have latent TB infection.

HEARING AND VISION SCREENING PROGRAM

School hearing screenings were provided to 7,810 children in preschools, kindergarten, grades 2 and 4 and to students in special education. School vision screenings were provided to 8,532 children in preschools, grades 1, 3, 5, and 7 and children in special education. Early childhood and driver's education students were also screened as requested. Other children referred to the program by a parent, teacher, or school nurse due to a suspected hearing or vision problem were also screened.

Personal and Preventive Health Services

IMMUNIZATION PROGRAM

This program includes clinic activities and support and outreach to county schools and private vaccine providers to protect the public's health from vaccine preventable diseases.

Program activities:

- Administered 947 doses of seasonal influenza vaccine, 1,322 doses of H1N1 vaccine, and 3,640 doses of other vaccine for a total of 5,909 doses of vaccine.
- Assessed the immunization status of 6,888 Kindergarten through 12th grade student records and 2,508 preschool records.
- Presented nine Nurse Educator training modules to physicians' office staff.
- Conducted 14 site visits to Vaccines for Children (VFC) provider offices.

NURSES WELCOME NEWBORNS PROGRAM

The Nurses Welcome Newborns (NWN) Program offers a home visit from a Public Health Nurse to all parents of newborns in Livingston County. The nurse provides information about infant nutrition, growth and development, safety, community resources and referrals to other agencies as indicated. The NWN program served 63 families.

WOMEN, INFANTS AND CHILDREN (WIC)

WIC provides supplemental food, health status assessment and nutritional education for pregnant and breastfeeding moms and children up to age 5. In fiscal year 2010, WIC participants spent \$1,136,383.06 in Livingston County for WIC approved foods.

The average monthly participation in WIC was 2,187 individuals. 120 participants of the WIC program received Project Fresh coupons to use at farmers' markets to purchase Michigan grown produce.

332 children in WIC received blood lead screening tests. Parents received specific information on how to reduce the lead hazards in their homes. We offer case management, education, referral, and support for families who have children with lead poisoning due to exposure to lead.

Executive Management Staff

Ted Westmeier, Health Officer/Director, Elaine Brown, Personal/Preventive Health Services Director, Dianne McCormick, Environmental Health Director, Donald Lawrenchuk, M.D., Medical Director

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