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A MESSAGE FROM THE HEALTH COMMISSIONER: R. JOSEPH EBEL, R.S., M.S., M.B.A.

Since taking ownership of the Price Road facility in 2015, we have been working to enhance the functionality of the facility and grounds.

The completely renovated clinic wing opened in March and features four exam rooms, a handicap accessible restroom, and an expanded and re-located waiting room and reception area. **This modernization allows us to serve clients more efficiently and expand our capacity.**

In June, we opened a new one-half mile paved walking trail on our grounds. **One of our priorities is to increase physical activity in order to improve health in the county.** This trail serves as a resource for the public to engage in physical activity and expands access to our 20-acre site.

Highlights from the year's first half:

- Tracked Zika cases related to local residents who became infected while traveling.
- Received the new Breast and Cervical Cancer Project (BCCP) grant award which expanded our service area to 14 counties in Central Ohio.
- Held two lead clinics, testing nearly 500 students and staff at Granville Exempted Village Schools after lead was found in the drinking water in April.
- Planted 350 trees on the LCHD grounds with the help of volunteer students from Granville Christian Academy as part of a habitat restoration project partially funded by the U.S. Fish and Wildlife Service.

2016 LCHD EMPLOYEE PHOTO



GRANVILLE SCHOOLS LEAD CLINICS APRIL 2016



CLINIC OPENING MARCH 7, 2016



PATH OPENING JUNE 20, 2016





ENVIRONMENTAL HEALTH UPDATES: DEPUTY HEALTH COMMISSIONER CHAD BROWN, RS, REHS, MPH

Household Sewage Treatment System Operation and Maintenance Program

In May, LCHD staff began implementing the Household Sewage Treatment System (HSTS) operation and maintenance program. LCHD is mandated to implement the program by the state of Ohio, and we participated in several public meetings to discuss the program in late 2015 and early 2016. The first inspections were completed in the Fairview Addition Subdivision in Licking Township, and we are currently evaluating where the next round of inspections will take place.

As part of implementing the program, LCHD applied for funding from the Ohio Environmental Protection Agency (OEPA) in order to assist low-income homeowners with repairing or replacing their HSTS. **We were awarded a total of \$300,000 from OEPA, and we are in the process of identifying HSTSs that are failing or in need of being repaired.**

Zika Virus Control Efforts

LCHD staff has been hard at work conducting mosquito surveillance and control activities to combat the public health threat posed by both the Zika Virus and West Nile Virus (WNV). We have expanded our surveillance program to include traps designed specifically to catch the mosquito that transmits Zika and are continuing to conduct surveillance for the mosquitoes that cause WNV. **Through June 2016, we have caught 11,271 mosquitoes and fogged 270.9 miles within Licking County.** When we identify a large number of mosquitoes in an area, we work with the elected officials in the area to determine the implementation of control efforts, which mainly include spraying the area to kill mosquitoes. As of June 30, we had not identified any mosquitoes with WNV, and there was no evidence to suggest that Zika is being transmitted by mosquitoes within Licking County.

Food Safety Program Changes

In June, we shifted the areas that our Food Safety Program staff members visit within the county. This change allows a fresh set of eyes on the food facilities in the county as well as continues our efforts to improve the program. So far, the change has been successful, and we are working on additional changes later this year to continue our focus on providing high quality services to our constituents.

Lead in Drinking Water Response

In April, our department worked with the Granville Exempted Village School District in response to elevated lead levels found in the drinking water in multiple buildings within the district. Our Environmental Health staff worked with district personnel to inspect the buildings and assist with determining the cause of the elevated levels. Our Nursing staff held two clinics for faculty and students within the district to be tested for lead. **We tested over 500 individuals during the clinics**, and very few were found to have elevated blood lead levels.

HEALTH STATISTICS | JAN-JUNE 2015 | JAN-JUNE 2016

	Permits 2015	Inspect 2015	Consult 2015	Permits 2016	Inspect 2016	Consult 2016
Food Service Operations	545	844	161	541	931	174
Food Establishments	224	320	134	216	318	123
Mobile	92	152	7	105	148	6
Vending	98	59	2	88	13	1
Temporary Food Event	82	30	4	79	29	3
Manufactured Home Park	36	36	0	36	44	0
Campground	12	9	2	11	14	2
Day Camp	5	4	0	5	3	0
Pools and Spas	73	208	9	74	198	13
Bathing Beaches	1	1	0	1	1	0
Waste Facility	3	190	10	3	188	8
Schools	74	69	2	74	72	1
Tattoo/Body Piercing	11	10	4	10	6	1
New Sewage Installations	44	32	29	75	57	23
Sewage Alterations	12	21	8	20	25	8
Existing Sewage Systems		122	6		86	16
Semi-Public Sewage	261	331	3	258	270	1
Private Water Systems	70	105	7	113	76	7
Plumbing Residential	255	481	6	289	558	7
Plumbing Commercial	58	200	20	94	257	9
Water Samples Collected		190			176	

NUISANCE COMPLAINTS | JAN-JUNE 2015 | JAN-JUNE 2016

	Number 2015	Inspections 2015	Number 2016	Inspections 2016
Solid Waste	156	426	176	524
Sewage	33	60	38	73
Food	83	72	87	56
Smoking	10	13	8	8
Other	12	10	13	14
Total	294	581	322	675

RABIES/ANIMAL BITES | JAN-JUNE 2015 | JAN-JUNE 2016

	Number 2015	Number 2016
Dog	130	149
Cat	49	41
Raccoon	2	2
Other	5	8

PUBLIC HEALTH IN ACTION - 2016



COMMUNITY HEALTH IMPROVEMENT COMMITTEE

So far this year, the Licking County Community Health Improvement Committee has continued to meet regularly and update the county's Community Health Improvement Plan (CHIP). **Committee members approved revising the CHIP to add behavioral health as a priority.** The revision was based on data collected during the Community Blueprint process led by the United Way of Licking County. LCHD staff plans to work with representatives from the behavioral health agencies on the committee to develop goals and objectives for the new priority.

EPIDEMIOLOGY UPDATES:

The LCHD Epidemiology (Epi) Team investigated one outbreak of Norovirus in January involving 91 total cases. Additionally, the team has been collaborating with Environmental Health staff to address the Zika Virus, as there have been three confirmed cases to date in Licking County. **All three cases were acquired outside of the United States.**

The Epi Team partnered with Licking Memorial Hospital to participate in a full-scale exercise addressing an Ebola patient. The team has been developing Ebola-specific plans for over a year and the full-scale exercise was the first opportunity to test the response of staff members and evaluate our local plans.



EPIDEMIOLOGY | JAN-JUNE 2015 | JAN-JUNE 2016

Communicable Disease Report...	Mid-year 2015	Mid-year 2016
Campylobacteriosis	7	4
Chlamydia	269	329
Cryptosporidiosis	0	5
E. coli, Shiga Toxin-Producing	4	2
Giardiasis	5	2
Gonorrhea	77	111
Haemophilus influenzae (invasive disease)	1	0
Hepatitis B (including delta) - acute	3	1
Hepatitis B (including delta) - chronic	3	17
Hepatitis C - acute	5	1
Hepatitis C - chronic	51	94
Influenza-Hospitalized	63	35
Influenza-Seasonal	1203	675
Legionellosis - Legionnaires' Disease	0	1
Lyme Disease	1	6
Meningitis - aseptic/viral	3	4
Mumps	1	0
Pertussis	23	23
Salmonellosis	6	11
Streptococcus pneumoniae - invasive antibiotic resistance unknown	4	5
Varicella	3	2

GRANT REPORTING

In the first two quarters of 2016, LCHD had 22 ongoing or renewed grants that benefited the Environmental Health, Community and Personal Health, and Health Promotion divisions. These grants were secured from the federal and state-level government as well as private foundations. **Since January, LCHD has received six new grants, for a total of 28 grants, which have already started or will start within the next quarter.**

In July, the Licking County Health Department partnered with the Knox, Perry, and Zanesville-Muskingum County Health Departments to complete a grant project through the Ohio Development Services Agency's Local Government Efficiency Program. This grant facilitated the ongoing collaboration between the four local health departments to participate in the Community Health Assessment Standardization Project. By combining their respective expertise and efforts, participating health departments have identified regional-level comparable data that each county will collect in future Community Health Assessments. This project has increased communication, collaboration, and camaraderie between the health departments and will lead to an improved Community Health Assessment data collection process.

INTERNS & VOLUNTEERS

The Health Department has an active intern and volunteer staff. We happily accept and assign interns and volunteers to various programs throughout different divisions in the department. These interns are helping to promote LCHD public health initiatives while improving skills in their fields of study. **So far this year, over 30 people have volunteered or interned at the department.**



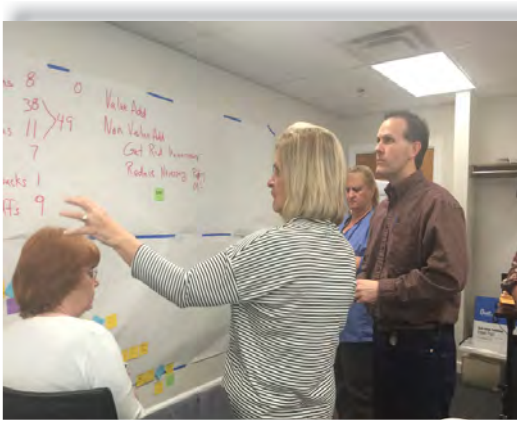
EMERGENCY PREPAREDNESS EXERCISES

Licking County Health Department staff participated in several exercises in the first half of the year to test our emergency plans and capabilities. **We participated in an Ebola exercise, a mass shooting exercise, and a severe storm exercise.** All of the exercises were great experiences for our staff, and we have been able to improve our preparedness program as a result.

QUALITY IMPROVEMENT (QI) PROGRAM

Our department has continued to operate our quality improvement (QI) program, and we have completed three projects during the first half of the year. We worked on improvements to our septic permit issuing process, medical billing process, and Community Health Assessment (CHA) process. **Integrating QI into our operation allows us to focus on our customers' needs and implement improvements which result in better efficiencies and cost savings.**

We were also able to send additional staff to the LEANOhio Bootcamp. The Bootcamp is a 5-day intensive training regarding the LEAN and Six Sigma QI methodology. We have been able to obtain scholarships for 23 of our employees to attend the training, and doing so has greatly improved and expanded our QI efforts.



PERFORMANCE MANAGEMENT

As part of our expanding Quality Improvement (QI) program, we have greatly broadened our performance management capabilities. **This has allowed us to not only better monitor our performance in some of our programs but also make data driven decisions regarding the selection of our QI projects.** We are continuing to work on this effort, and we will continue to grow our performance management program as we move forward.

NURSING UPDATES:

Early Head Start

The LCHD Early Head Start program is designed to help low-income families and teen mothers raise children who are prepared to excel when they enter school. Families receive parenting education and children are assessed to identify possible developmental delays that might prohibit them from learning once they enter school. **Starting kindergarten ready-to-learn is a key factor in increasing future graduation rates.**

Medical Reserve Corps

The Licking County Medical Reserve Corps (MRC) serves the community in times of emergency by providing trained, equipped medical volunteers. During times of non-emergency, the MRC assists LCHD in achieving its public health goals. **During the first half of 2016, the MRC volunteers assisted in four activities, providing a total of 13 volunteer hours.** Notably, volunteers assisted with two lead screening events at Granville Exempted Village Schools in April.

Infant Safe Sleep

In the first half of 2016, LCHD staff has provided Infant Safe Sleep training workshops to one childcare facility, reaching 3 participants. This training workshop is intended to reduce the risk of Sudden Infant Death Syndrome (SIDS) and other sleep-related causes of infant death.

LCHD also provided 10 Pack-and-Play cribs to WIC clients who participated in our At-Risk Pregnancy program and who were in need of a safe place for their child to sleep. These parents included those who did not have a basinet or crib at home for their infants. Parents attended a training demonstration about safe sleep, which showed them what a safe sleep environment looks like and how to set up their Pack-and-Play. The nurse follows up with all At-Risk Pregnancy parents approximately three weeks after their infant is born to ensure they have all the safe-sleep assistance needed.

Newborn Home Visitation Program

In April 2016, LCHD implemented a Newborn Home Visitation Program for new parents in Licking County. Through this program, a registered nurse visits the home of a newborn child to provide a head-to-toe wellness assessment, a weight check, breastfeeding assistance, and Safe Sleep education. At this visit, the nurse also helps ease new parents' fears and worries by answering their questions and providing support.

Breast and Cervical Cancer Project

LCHD has provided 79 free mammograms and pap tests to women in need through the Breast and Cervical Cancer Project (BCCP) in Licking County during the first half of 2016. This is 26 percent of the total women who have participated in the BCCP regionally.

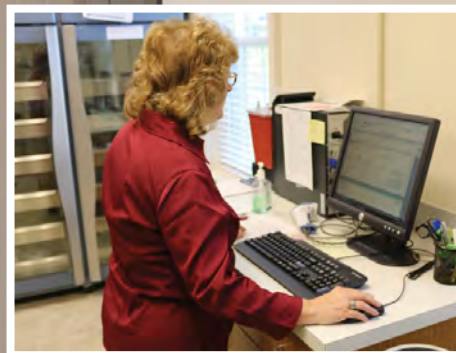


NURSING & CFHS* PROGRAMS | JAN-JUNE 2015 | JAN-JUNE

(*Child and Family Health Services) Number of...	Mid-year 2015	Mid-year 2016
Child Immunization Clients	800	513
International Travel Vaccine Clients	216	247
Adult Vaccination Clients (Non-Flu Clinics)	222	200
Adult Flu Vaccination Clients	31	21
STD/Sexual Health Clients	200	195
Women's Health Clients	32	26
Total Clinic Volume	1,501	1,202
Vaccine Administered to Children	1,705	2,428
Vaccine Administered to Adults	820	657
Total Doses of Vaccine Administered	2,525	3,085
TB Tests Given	194	222
HIV Tests	63	21
Dental Sealants Applied	945	888
At-Risk Pregnancy Consultations	600	476
Early Head Start Home Visits	1,145	1,122
Breast & Cervical Cancer Project Participants	344	540

STD Reduction

The LCHD nurses aim to reduce the prevalence of Sexually Transmitted Diseases (STDs) in Licking County through education, screening, and treatment. The only way to determine if one has an STD is to be checked by a health care provider. The Health Department offers a confidential STD Clinic each Wednesday, by appointment. Appointments can be made by calling (740) 349-6535. For more information, please visit www.lickingcohealth.org, or visit: www.cdc.gov/std.



WIC (WOMEN, INFANTS & CHILDREN) UPDATES:

WIC Clinic Case Load

Licking County's WIC (Women, Infants & Children) Supplemental Nutrition Program provides nutrition education, supplemental foods, and screening and referrals for women (pregnant, postpartum, and breastfeeding), infants, and children less than five years old.

This year, the WIC Clinics have provided assistance to:

- 2,285 PEOPLE AT THE LCHD CLINIC
- 125 PEOPLE AT THE JOHNSTOWN CLINIC
- 145 PEOPLE AT THE BUCKEYE LAKE CLINIC
- 335 PEOPLE AT THE PATASKALA CLINIC



Kids in the Kitchen

Children (ages 3 to 5) in the WIC Program now have the opportunity to be a chef, complete with chef hat and apron, through our new “Kids in the Kitchen” class. While some children are able to help in the kitchen at home, some families look for guidance on how to start. **This class provides the opportunity for children and their parents to work together in learning about food and preparing a healthy snack.**

Our first lesson presented information on handwashing and dairy foods and allowed participants to build their own yogurt parfait. Hand lotion that glows with a black light makes learning how to properly wash hands more fun. With the click of a light, areas not washed well glow, giving children an idea of where they missed while washing. “My Plate” is used as a guide when sharing information about dairy foods. Next, everyone makes their own parfait using yogurt, cereals, and fresh berries.



Both the cereal and fresh fruit can be purchased with the WIC Nutrition Card. The class has received rave reviews from our young chefs and their parents, and plans to continue into 2017.

Breastfeeding

Our “Partners in Breastfeeding” mothers group meets the fourth Thursday of each month at 10:30 a.m. In addition, a Breastfeeding Class is offered on the second Thursday every other month at 2 p.m. **Both classes are open to the entire community to increase awareness of breastfeeding and provide a source of answers, support, and encouragement for breastfeeding moms.**

HEALTH EDUCATION UPDATES:

Child Passenger Safety

Child Passenger Safety Technicians have provided 67 free car seats to low-income families and provided 38 installation checks. Car seat classes are held twice a month at LCHD. Car seat safety checks are scheduled by appointment.



Partners in Wellness

Health Educators have provided 1,900 third-grade students in Licking County with comprehensive health and wellness lessons through the Partners in Wellness program. **The primary objective of the Partners in Wellness program is to cover all aspects of wellness, including physical, social, and emotional health.**

Lessons cover a variety of topics, such as: general wellness, dental health, communicable diseases, heart health, tobacco/smoking, physical activity, nutrition, personal hygiene, stress management, and summer sun safety.

Change Gears: Ride a Bike

LCHD's Wellness Coalition coordinated the seventh annual Change Gears: Ride a Bike event in June. Staff distributed 35 free bike helmets, 13 reflective bands, and 40 bike lights. The event had a total of 102 participants.



HEALTH EDUCATION UPDATES (CONT.):

Tobacco Prevention and Cessation

Licking County's youth-led tobacco prevention team, named **stand**, organized five counter-tobacco campaigns focused on the dangers of smokeless tobacco, second-hand smoke, and vaping.



LCHD conducted 65 surveys with youth documenting tobacco marketing at the point-of-sale at local tobacco retailers. Health Educators assisted with the adoption of smoke-free policies in public places. **The Licking County Library System implemented a tobacco-free policy on their grounds and the Licking Park District applied a tobacco-free policy at their playgrounds.**

Presentations promoting a tobacco-free lifestyle were provided to community organizations. Health Educators presented on the dangers of vaping at the Youth Leadership Summit and presented the benefits of smoke-free housing to the Licking County Apartment Association.

Screening and Survivor Support (SASS)

Free mammograms have been provided to 26 women through the Screening and Survivor Support (SASS) program. Of those 26 women, one received diagnostic follow-up testing.

With assistance from Susan G. Komen Columbus, SASS provided a mobile mammography unit in June in the Pataskala area.



Creating Healthy Communities



LCHD and the Creating Healthy Communities (CHC) Program coordinated with the new Canal Market District to assist vendors in accepting SNAP and WIC as a form of payment in the Farmer's Market Nutrition Program. **This is the first farmer's market in the county to accept SNAP.**

CHC also promoted the Buckeye Lake Farmer's Market to the community and conducted a survey with local schools to assess the use of school facilities for community recreation purposes (shared use).

HEALTH EDUCATION UPDATES (CONT.):

The Wellness Coalition created three workgroups who meet monthly:

- **WORKSITE WELLNESS** - Focuses on increasing the number of worksites that have a wellness program.
- **ACTIVE LIVING** - Focuses on safe, affordable places to be active in Licking County.
- **HEALTHY EATING** - Focuses on access to affordable, healthy food options in Licking County.

Worksite Wellness Workshop

The Wellness Coalition's Worksite Wellness Workgroup held its fifth annual Worksite Wellness Workshop in April. This year's workshop had 20 attendees. LCHD partnered with the Licking County Safety Council for the first time to offer Safety Council credits and HR recertification credits to qualifying attendees of the workshop.

Ohio Healthy Program

LCHD Health Educators have provided technical assistance to three childcare centers participating in the CFHS (Child and Family Health Services) Ohio Healthy Program (OHP). OHP is a statewide recognition earned by childcare and homecare providers who commit to offering a healthier environment for the children they serve. As a part of the program, providers adopt written policies, healthier menus, staff trainings, and family engagement opportunities.

The Health Department hosted a training in which 11 childcare providers' staff received 10 hours of "Step Up to Quality" training hours.



Safe Communities Coalition

The Safe Communities Coalition provided traffic safety education to the community, informing them about impaired driving and prevention during the Super Bowl, St. Patrick's Day, Memorial Day and July 4th. **The coalition promoted the national "Click It or Ticket" campaign with their annual kick-off event in May at TrueCore Federal Credit Union alongside their Annual Car Bazaar.** They worked with a local business, Crawford Collision Center, to raise awareness

about distracted driving and brought a program called Cinema Drive to Lakewood High school in the spring. The coalition has published two quarterly newsletters and six newsreleases this year.

LICKING CO. HEALTH DEPT.



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