



Clermont County Public Health

Prevent. Promote. Protect.

2017 Annual Report





Letter from the Health Commissioner

The highpoint of 2017 came when we achieved national accreditation from the Public Health Accreditation Board (PHAB). The accreditation program works to improve the quality and performance of the nation's public health departments. To become accredited, an agency must show they meet or exceed a set of standards. We began this journey in 2011 and submitted more than 470 documents for review in 2017. We went through a two-day site visit in August and officially became accredited in November. The Ohio Department of Health has required all 118 local health departments in Ohio reach accreditation by 2020. We became the 18th local health department in Ohio to earn the distinction. This accomplishment truly shows the hard work and dedication of our staff in working together as a great team.

We continued to work towards meeting the objectives of our Strategic Plan in 2017. This year staff tackled 123 activities to support strategic goals as well as measuring program, division, and agency performance standards and four quality improvement projects. Of the 123 activities for 2017, 18 were completed early and 10 significantly exceeded the target performance metric.

Below are some 2017 highlights of our strategic priorities:

Strategic Priority #1: Organizational Excellence

- Became PHAB accredited
- Continued to educate staff on performance management system
- Developed quarterly internal agency newsletter
- Four quality improvement projects completed (nursing services, public health complaints, food plan review, and staff retention)

Strategic Priority #2: Healthy Behaviors

- Sponsored the Family Fun Adventure Challenge (421 participants)
- Gave additional assistance on weight management to postpartum WIC participants
- Increased the number and utilization of drug drop boxes
- Continued to work toward implementing a bloodborne infectious disease prevention program
- Tobacco cessation program continued to grow
- Developed a plan for screening and referral of WIC participants at risk for depression and substance abuse

Strategic Priority #3: External Communication and Marketing

- Increased advertising through social media
- Continued to increase media presence in community through various formats

Strategic Priority #4: Collaboration to further mission

- Updated Community Health Improvement Plan



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Syringe Services Program

The Clermont County Board of Health made a formal decision at the end of 2017 to begin a bloodborne infectious disease prevention program, also known as a syringe services program. These programs are comprehensive community-based harm reduction programs. They offer services including syringe exchange, safe disposal of needles, HIV and hepatitis C testing, education about overdose prevention, and referral to substance use disorder treatment. This decision was made due to the continued increase in hepatitis C and HIV cases in Clermont County. People who inject drugs are five times more likely to enter treatment and reduce or stop injecting when they use these programs. These programs can reduce overdose death rates and HIV and viral hepatitis infections. They also save health care dollars in the long run. The lifetime cost of treating a single person with HIV is \$400,000. The medication cost alone to treat a single case of hepatitis C can be \$84,000. Our staff will continue to work on getting the program started in 2018.



Julianne Nesbit

Julianne Nesbit
Health Commissioner



2,774 Plumbing inspections completed



496 Water heater inspections



891 Plumbing permits issued



514 Waterline inspections



508 Sewer lateral inspections

New Inspector & New Rules

In 2017, our Plumbing Division hired a new plumbing inspector for the first time in more than 20 years. After a six month training period, our new inspector has received all required certifications to inspect residential and commercial plumbing.

In 2017, many new revisions to the state plumbing code became effective. Our plumbing inspectors have been busy working with many local certified plumbers to help them understand and adapt to the new changes.



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4,443 Birth certificates issued



173,616 Page views on website



470 Documents submitted for accreditation



15 Staff members attended Lean/Six Sigma training



56 Bike helmets given away



1 Auditor of State Award for a “clean” audit report

Accreditation Achieved

2017 was a busy year for the Administration Division. Our accreditation team submitted our application for accreditation from the Public Health Accreditation Board. After a site visit and review process, we became accredited. Less than eight percent of the 2,800 health departments in the U.S. were accredited by the end of 2017. The achievement was a welcome reward for a long and time-consuming process. The work however is not over. Our accreditation lasts for five years, and we will need to repeat the process before 2022.

Six Sigma Training

Our Administration Division is always looking to make improvements to our processes and make things easier for our customers. To help achieve this goal, 15 staff members representing each division in our agency participated in a Lean/Six Sigma Yellow Belt training. The intensive 24-hour training session took place over the course of three days. During the process, our staff members were divided into three groups where each group had to complete a quality improvement project that would benefit our agency and the customers we serve. In addition to completing these projects, our newly trained staff members will be able to take their skills with them as they continue to improve the way we work as an agency.



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804 Food licenses issued



398 Pool and spa inspections



53 Campground and park inspections



2,167 Food service inspections



324 Animal bite investigations



115 School inspections

Continuous Quality Improvement

Each year we select several quality improvement projects. These projects can help us by saving money, saving time, or making things easier for our customers. In 2017, we created a project to improve the plan review process for new restaurants or other places that serve food.

Before a new food business opens, our sanitarians and plumbing inspectors work together to review the building plans. This ensures food and plumbing rules are being followed, and the food will be safe to eat. The business can not open until the plans are approved.

The goal of the quality improvement project was to simplify the process for reviewing the plans for the building. The new process will hopefully reduce the amount of time needed to review and approve the plans. By spending less time reviewing and approving the plans, we can pass that savings along to the business owner by reducing the fee. It also means that when our customers give us plans to review, we will be able to approve them more quickly. We will review this project at the end of 2018 to compare the costs before and after the project, to make sure these changes bring about the intended efficiencies.



Nursing



1,185 Childhood vaccines given



343 Flu vaccines given



2,437 Children with Medical Handicaps contacts



265 International travel vaccines given



88 Prevent Blindness Ohio contacts



67 Child car seats distributed

Tobacco Cessation

Tobacco use is one of the four main health concerns in Clermont County. In 2017, we began working with the Clermont County Board of Commissioners to offer an employee tobacco incentive program. The program offers help in quitting tobacco from a certified tobacco cessation specialist. County employees who complete the program receive a discount on their employee health insurance. In 2017, 61 employees enrolled in the program.

Our tobacco cessation specialist completed the first full year working with the Clermont County Community Alternative Sentencing Center. The center offers behavioral and medical treatments to people who have committed drug or alcohol-related crimes. Our specialist works with men and women at the center to help them quit tobacco.

In November 2017, we partnered with the Clermont Recovery Center to provide tobacco cessation workshops and counseling sessions to their intensive outpatient program groups. The tobacco cessation program is also offered to any Clermont County resident.

Ohio Buckles Buckeyes

In 2017, the OBB program trained parents and caregivers and gave away 67 child car seats to low-income families. We also partnered with Cincinnati Children's Hospital Injury Prevention Program to assist in a car seat check at a community-wide event.



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205 Medication lock boxes given out



1,381 Pounds of drugs collected at drop box sites



9,980 Visitors to the Opiate Task Force and CCPH's drug prevention web page



6 Police departments in the county now carry naloxone to reverse overdoses

Overdose deaths decline in 2016

Clermont County Public Health works together with the Clermont County Opiate Task Force to prevent drug overdoses. We received encouraging news when the 2016 drug overdose data was released. In 2016 there were 96 overdose deaths in Clermont County, compared to 105 deaths in 2015. Previously, the last time the number of overdose deaths in the county decreased was 2009. Additionally, there were only 30 overdose deaths that occurred during the first six months of 2017. If that rate remained the same for the second half of 2017, the total overdose deaths would decline again in 2017. The final numbers for 2017 are not expected to be released until mid 2018. While there is still a long way to go, this was a very encouraging sign, and we hope this trend continues.

Despite the slight decrease in overdose deaths, Clermont County's overdose death rate remains one of the highest in Ohio. The death rate from drug overdoses between 2011-2016 was 39.5 deaths per 100,000 population. Only three Ohio counties - Montgomery (42.5), Butler (40.5) and Brown (41.0) counties rank higher.

Overdose data tool

In October 2017, we launched an interactive website to track drug overdoses in the county. The site, known as the Overdose Data Tool, provides daily information about the number of overdoses in Clermont County. Viewers of the site can see the gender, age, and home zip code of people who have overdosed. It also gives information from hospitals outside of Clermont County if the person who overdosed lives in the county. The Overdose Data Tool is available to the public thanks to a partnership with Hamilton County Public Health and the Funder's Response to the Heroin Epidemic, which provided the financial support for the project.





10,362 Office visits



659 Breastfeeding
phone calls completed



1,786 Breastfeeding
support emails sent



1 Award for the Most Breastfeeding
Supportive WIC Clinic from the Ohio
Lactation Consultant Association

WIC Wins Award

Our WIC clinic received good news in March 2017 when we were named the Most Breastfeeding Supportive WIC clinic by the Ohio Lactation Consultant Association.

Weight Management After Birth

Our dietitians created a new food diary that was given to postpartum women to help with weight management. The food diary includes information on portion sizes, limiting junk food, eating more healthy foods, increasing physical activity and other healthy eating tips. In addition to the diaries, women were also given a pedometer to track their steps and help increase activity levels.

New Screening Forms

A new process began in 2017 to help screen women for depression, substance use and other health conditions. They were also given relationship safety questions. All women who indicated being at risk for depression, substance use, and/or were living in an unsafe environment were offered information and referrals for additional help.



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6,594 Operation permit assessments (septic systems)



18 Low-income homeowners received grant money to fix or replace their failing septic system



590 Nuisance complaints resolved



84 Water samples tested at six public beaches and water recreation areas



106 New sewage system applications

Mosquito Control Grant

We received a \$12,000 grant from the Ohio EPA Mosquito Control Grant Program in 2017. With the extra money, we hired a summer intern to trap and collect mosquitoes. Traps were set at several sites throughout Clermont County. All mosquitoes trapped were tested for West Nile Virus and other diseases that humans can get from being bitten. Our intern also responded to mosquito complaints and helped homeowners reduce mosquito habitat and minimize the number of mosquitoes around their homes.

Septic Rehab Program

Our septic rehab program helped 18 low-income families repair or replace their failing septic systems in 2017. The money for this program comes from Community Development Block Grants from the Clermont County Board of Commissioners and from the Water Pollution Control Loan Funds from the Ohio Environmental Protection Agency.

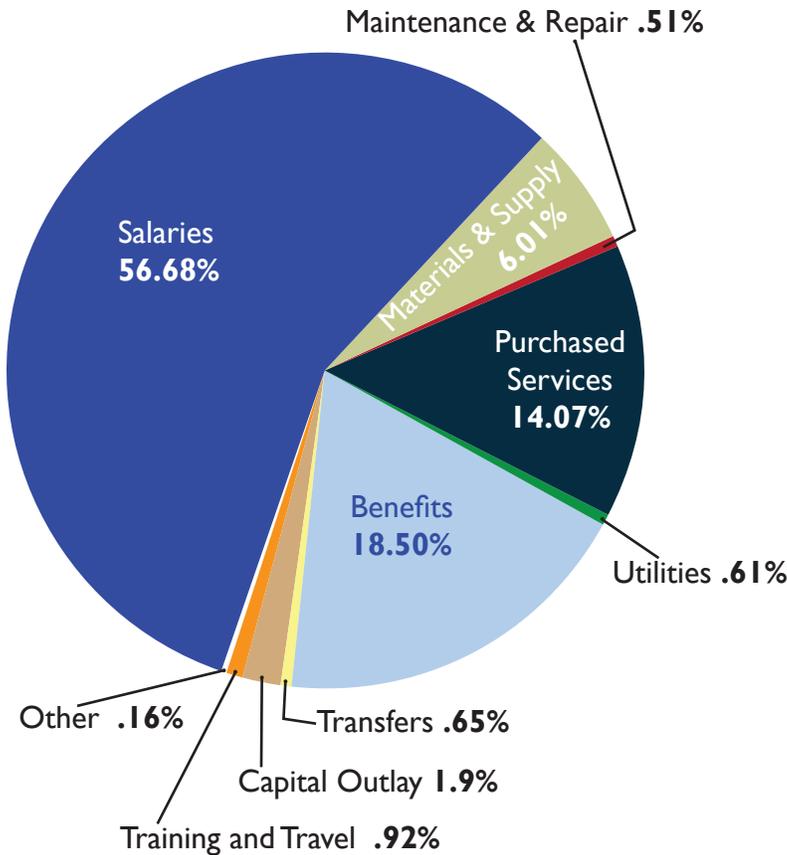
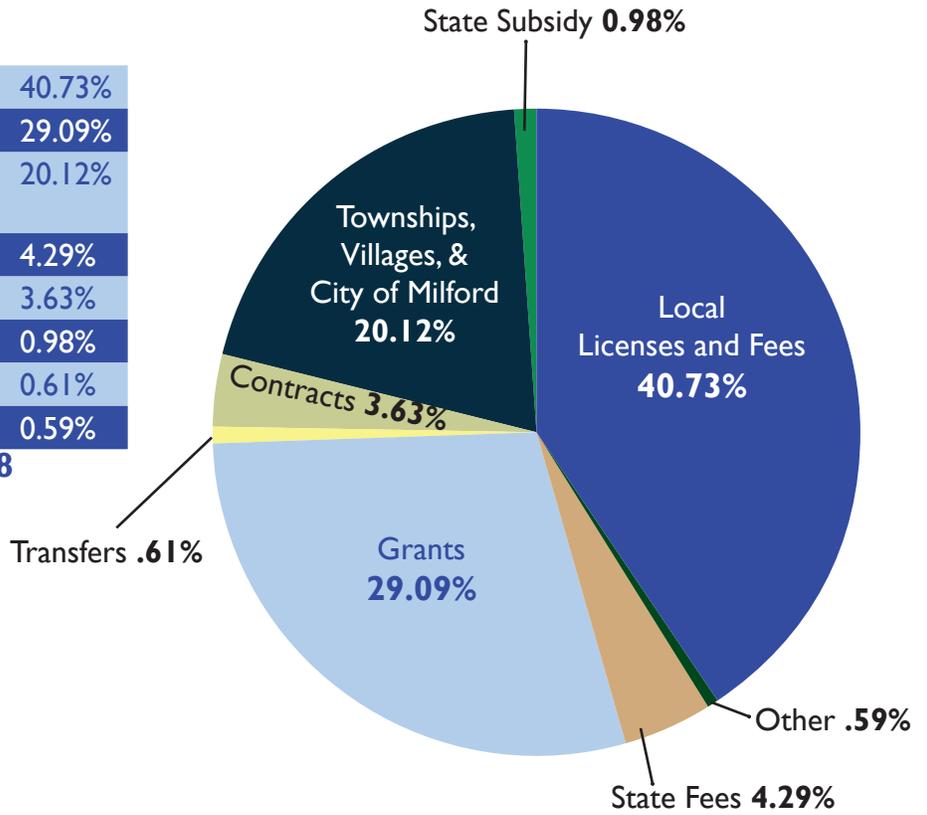
New Sewage Systems Continue to Increase

In 2017 our staff received 106 applications to install household sewage treatment systems (septic systems). Since 2012, the number of new systems has increased by 146 percent. Our sanitarians must approve and inspect each new system to make sure it is the right size and type for the house that is built.



Revenue

| | | |
|---------------------------------------|--------------------|--------|
| Local Licenses and Fees | \$1,529,971 | 40.73% |
| Grants | \$1,092,648 | 29.09% |
| Townships, Villages & City of Milford | \$755,694 | 20.12% |
| Fees Collected for the State | \$160,997 | 4.29% |
| Contracts | \$136,270 | 3.63% |
| State Subsidy | \$36,668 | 0.98% |
| Transfers | \$23,000 | 0.61% |
| Other | \$21,030 | 0.59% |
| Total Revenue | \$3,756,278 | |



Expenses

| | | |
|------------------------|--------------------|--------|
| Salaries | \$2,002,262 | 56.68% |
| Benefits | \$653,502 | 18.50% |
| Purchased Services | \$497,016 | 14.07% |
| Materials and Supply | \$212,314 | 6.01% |
| Capital Outlay | \$67,062 | 1.9% |
| Training and Travel | \$32,410 | .92% |
| Transfers | \$23,000 | .65% |
| Utilities | \$21,399 | .61% |
| Maintenance and Repair | \$18,051 | .51% |
| Other | \$5,484 | .16% |
| Total Expenses | \$3,532,500 | |



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Reportable Diseases

| Disease Name | 2015 | 2016 | 2017 |
|---|------|------|------|
| Campylobacteriosis | 16 | 27 | 18 |
| Chlamydia | 542 | 572 | 561 |
| Cryptosporidiosis | 0 | 6 | 8 |
| E. coli, shiga-toxin producing | 9 | 16 | 5 |
| Giardiasis | 3 | 9 | 8 |
| Gonorrhea | 69 | 126 | 110 |
| Group A Streptococcal Invasive Disease | 5 | 2 | 13 |
| Haemophilus Influenza (Invasive) | 2 | 4 | 11 |
| Hepatitis A | 2 | 0 | 1 |
| Hepatitis B, acute | 15 | 3 | 4 |
| Hepatitis B, chronic | 44 | 57 | 72 |
| Hepatitis C, acute | 1 | 1 | 1 |
| Hepatitis C, chronic | 473 | 472 | 396 |
| Influenza -associated hospitalizations | 45 | 56 | 136 |
| Legionnaire's Disease | 2 | 3 | 3 |
| Lyme Disease | 10 | 10 | 10 |
| Malaria | 0 | 0 | 2 |
| Measles | 0 | 0 | 2 |
| Meningitis - aseptic (viral) | 16 | 15 | 11 |
| Meningitis, bacterial (not N. meningitis) | 1 | 1 | 2 |
| Mycobacterial Disease, TB (confirmed) | 1 | 0 | 1 |
| Mycobacterial Disease, TB (suspect) | 0 | 0 | 2 |
| Pertussis | 21 | 48 | 10 |
| Rocky Mountain Spotted Fever | 1 | 3 | 4 |
| Salmonellosis | 24 | 16 | 27 |
| Shigellosis | 8 | 15 | 2 |
| Streptococcal Disease, Group B, newborn | 0 | 2 | 2 |
| Streptococcal Pneumoniae, Invasive Disease (resistance unknown/non-resistant) | 17 | 16 | 12 |
| Streptococcal Pneumoniae, Invasive Disease (resistant/intermediate) | 1 | 2 | 8 |
| Syphilis | | 10 | 11 |
| Varicella | 8 | 8 | 6 |
| Vibriosis | 0 | 0 | 2 |
| West Nile Virus | 0 | 2 | 3 |
| Outbreaks, food/water/other | 0 | 5 | 5 |
| Tularemia | 0 | 0 | 1 |
| Yersiniosis | | | 1 |

The disease table is not inclusive of all diseases reported in Clermont County, but rather those of most interest or highest incidence. Table includes suspect, probable, and confirmed cases. Case counts are considered provisional and are subject to change pending further investigation. Diseases included in the table may not be exclusive to the category in which they are listed.

Vital Statistics

Leading causes of death 2015 2016

| | | |
|--|-----|-----|
| Malignant Neoplasm (Cancer) | 397 | 417 |
| Diseases of the Heart | 354 | 381 |
| Accidents (including drug overdoses) | 115 | 149 |
| Chronic lower respiratory diseases | 99 | 108 |
| Cerebrovascular diseases | 86 | 93 |
| Alzheimer's Diseases | 69 | 71 |
| Diabetes Mellitus | 47 | 48 |
| Influenza and pneumonia | 45 | 46 |
| Nephritis, Nephrotic Syndrome (kidney) | 31 | 35 |
| Suicide | 26 | 30 |
| Chronic liver disease and cirrhosis | 23 | 27 |

Vital statistics data is preliminary and subject to change pending final investigation. The data reported is for all Clermont County residents regardless of where the birth or death occurred. 2017 cause of death totals are not yet available.

Total deaths for 2017 1,787

Total births for 2017 2,324

Contact Information

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Board of Health Members

Medical Director



(left to right)
Dennis Brown, Dr. Joseph Khan, Andrew Crum,
Larry Cadwallader, Dr. Janet Rickabaugh



Dr. James Kaya



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