



Public Health
Prevent. Promote. Protect.
Zanesville-Muskingum County

Annual Report 2016



Protecting Your Health



Governance

Leadership Team

Health Commissioner/Registrar

Corey Hamilton, MS, RD, LD

Medical Director

Vicki Ann Whitacre, MD

Director of Community Health Planning & Promotion

Bonnie Kirsch, MA, CHES

Director of Environmental Health

Ed Shaffer, RS

Director of Nursing

Carol Howdysshell, RN, MSN

Assistant Director of Nursing

Tiffany McFee, RN, MSN

Help Me Grow Project Coordinator

Heather Rice

WIC Project Coordinator

Jody Shriver

Fiscal Officer

Erin Wood

Human Resources Officer

Dedra Parsons, PHR

Public Information Officer

Jennifer Hiestand, MS

Board of Health



Bill Bird, Pres.
District Licensing Council



Lee Roach, Phd
District Advisory Council



James Shepherd, VP
District Advisory Council



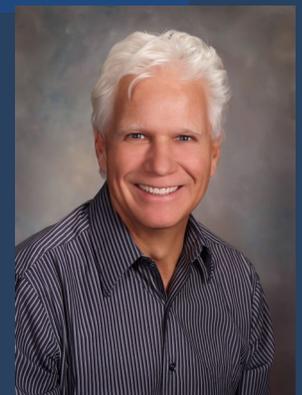
Jennifer Agin
District Advisory Council



James Brown, JD
City of Zanesville



Paul Nestor
City of Zanesville



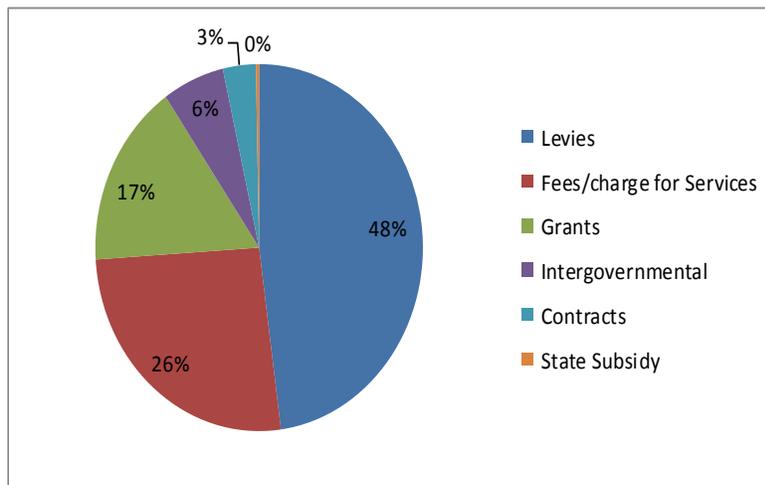
John Hibler, DO
City of Zanesville

Financials

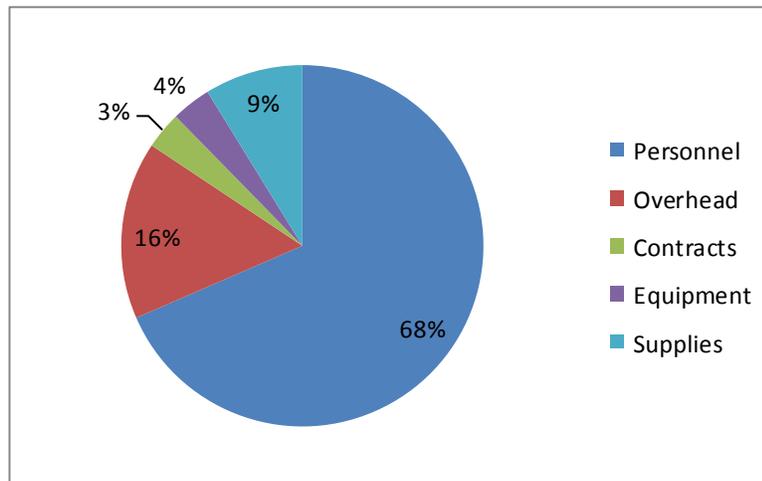
In 2016, ZMCHD had an operating budget of \$5,122,576. Nearly half of our budget is supported by local levies. Revenue is also collected through fees for services. We also receive state and federal grants.

Being a service-based agency, the majority of our expenditures were for personnel.

2016 Revenue—\$5,122,576



2016 Expenditures—\$4,480,317



Financial Summary

ZMCHD began 2016 with a balanced budget of \$4,979,289. We calculated this to be a conservative estimate of our revenues and expenses for the year. By the end of the year, we had received \$143,287 in revenues above our budget—primarily from unanticipated state funding provided for IT infrastructure and mosquito control. We also under spent our projected expense budget by \$498,972 due to several staffing transitions, under spending on both equipment replacements and in travel. At the end of 2016, ZMCHD had a cash balance of \$6,461,850.

Protecting Your Health

2016 STATS

Deaths in Muskingum County

Total	993
Male	483
Female	510

Top Five Causes of Death in Muskingum County

- Cancer
- Heart Disease
- Respiratory Disease
- Cerebrovascular Disease
- Accidents/ Unintentional Injuries

Births in Muskingum County

Total	1,024
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Community Health Assessment

In 2016, the **Healthier Muskingum County Network** (a collaboration of local government agencies, non-profits, healthcare providers, and businesses) worked together to assess, identify, and describe factors within the community that impact quality of life. The goal was to identify opportunities and strategies to improve the health status of residents of Muskingum County.

Residents were surveyed online, by phone, and on paper in 25 townships. The survey included 70 questions about health, housing, safety, lifestyle choices, mental health, and more. More than 700 surveys were completed. Nine focus group discussions were held to gain feedback from social service agencies, Chamber of Commerce members, and residents. The PhotoVoice project captured the youth's perspective of the community through photography and journaling.



All responses will be combined with local data to create a Community Health Improvement Plan. The next step is for the same group to take a hard look at the data. The committee will then prioritize the challenges facing our residents and create strategies to address these areas through the 2017-2019 Health Improvement Plan.

For more information on the county's Health Improvement Plan or Community Health Assessment, please visit www.zmchd.org. Click on Resources and click on Data & Reports.

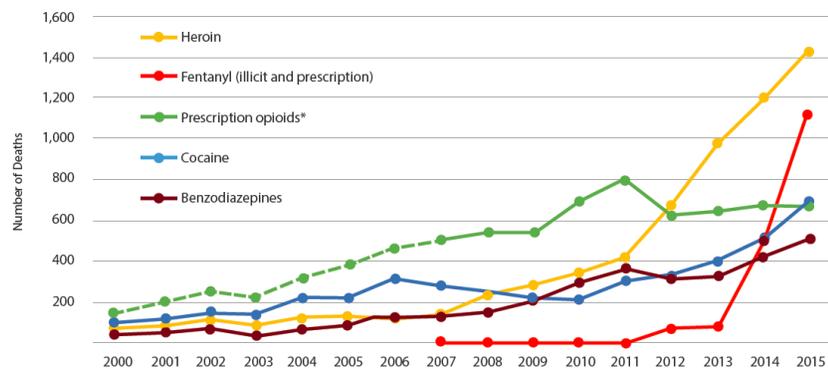
Disease Investigations

Muskingum County saw a 15.0% increase in communicable disease cases reported from 2015 to 2016 (789 cases and 907 cases respectively). Numerous infectious diseases were reported during 2016; however, the most frequently reported illnesses were Chlamydia (393 cases), Hepatitis C (165 cases), and Gonorrhea (131 cases).

Project DAWN (Deaths Avoided With Naloxone)

ZMCHD, Muskingum Behavioral Health & Mental Health Recovery Services (MHRS) teamed up to launch Project DAWN: an overdose prevention and education project. In 2016, 81 kits were distributed to family and friends of people who are abusing drugs. Funding for the kits is provided by MHRS. Local law enforcement were also trained and received kits with funding provided by the Attorney General. In October, the following data on unintentional drug overdose was presented to the community during the Dreamland event.

Figure 5. Number of Unintentional Overdose Involving Selected Drugs, by Year, Ohio, 2000-2015



Suicide Prevention

In 2016, there were 18 suicide deaths in Muskingum County; the highest number documented since 1990. The Suicide Prevention Coalition sponsored two trainings for first responders and interested community members to raise awareness for a LOSS (Local Outreach for Survivors of Suicide) Team: a volunteer team that goes to the scene of a suicide and supports surviving family and friends. The Coalition also did trainings for local school staff and Noble County Correctional Institute staff for incarcerated veterans. The Coalition meets the first Thursday of every month at 4:15pm in the ZMCHD building, 3rd Floor.

2016 Healthcare Services Statistics

- 1,158 childhood immunizations given**
- 834 adult immunizations given**
- 207 travel immunizations given**
- 2,843 children screened by dental sealant team**
- 2,228 vouchers distributed to WIC clients at annual Farmers Markets providing \$8,235 back to local farmers for produce**
- 2,049 WIC visits for healthy foods and nutrition education**
- 586 families served through BCMH (Bureau of Children with Medical Handicaps)**
- 158 children served through Help Me Grow early Intervention program**
- 84 participants in Naloxone training classes**

Improving Health

Mothers, Babies & Families



We are helping babies live to their first birthday by improving all areas that impact health. Muskingum County **WIC (Women, Infants & Children)** provides nutrition education, healthy foods, and screening and referrals for women (pregnant, postpartum, and breastfeeding), infants, and children less than five years old. These twins received their first cups from WIC.

Help Me Grow provides home-based parenting education for first-time parents and testing to see if a child has a developmental delay. Services are for first-time moms or moms of a child less than three years old.

In 2016, ZMCHD implemented a **Newborn Home Visitation** Program for new parents in Muskingum 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. The **Senior Health** Program gives seniors a chance to sit down with a registered nurse and discuss their healthcare concerns in more detail. **BCMh** is a program that serves children with special health care needs and their families. Those needs include financial assistance for some medical expenses for families in need. **Baby & Me Tobacco Free** is a program for pregnant women who need help to quit smoking. The program consists of four prenatal quit smoking counseling sessions, followed by 12 postpartum counseling sessions. For each



postpartum session that the mother stays smoke-free, she will receive a \$25 voucher for diapers. This is our breastfeeding peer helper and the first mom to complete the prenatal portion of the program. Our **"Muskingum County Breastfeeding Moms"** group meets the first Wednesday of the month at 5:30pm and the third Wednesday of the month at 10:00am. 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. This mom is breastfeeding at the Party-in-the Park event for Breastfeeding Awareness Month.

Quality Improvement (QI)



The Zanesville-Muskingum County Health Department has continued to operate our quality improvement (QI) program. The fleet car project was completed in 2016. The project resulted in anticipated savings of \$2,571 and an additional 410 redirected work hours per year. The Quality Improvement Council is focused on determining the different levels of QI training that will be required for new staff orientation along with a refresher course for all staff. Integrating QI into our operation allows us to focus on our customers' needs and implement improvements which result in better efficiencies and cost savings.

In 2016, ZMCHD was awarded a second grant from the Local Government Efficiency Program from the Ohio Department of Development. The funds will be used in 2017 for a quality improvement project to streamline cross department processes, focusing on the Baby and Me Tobacco Free Program.

The Quality Improvement Council completed the first revision of the Quality Improvement Plan. The plan serves as a foundation for the agencies commitment to integrating the principles of quality improvement into all ZMCHD programs, services and processes. The plan includes training requirements for new and existing staff as well as goals for the agency. ZMCHD plans to complete at least 4 QI projects each year.

SUMMARY

QUESTION	BEFORE	AFTER
Requested a fleet vehicle	59%	67%
Chosen to drive a personal vehicle	83%	46%
Has the new process increased your use of the fleet?	N/A	60%
Fleet Vehicle Calendar		
95% have access	66% check before requesting	87% find it helpful

Accreditation



The Public Health Accreditation Board (PHAB) has established standards for the measurement of health department performance against a set of nationally recognized, practice-focused and evidenced-based standards. The goal of the voluntary national accreditation program is to improve and protect the health of the public by advancing the quality and performance of Tribal, state, local, and territorial public health departments. In Ohio, the General Assembly requires general or city health districts to apply for accreditation by July 1, 2018 and be accredited by July 1, 2020.

ZMCHD has been working towards accreditation for several years. This year, ZMCHD directors have completed an in depth review of the PHAB standards, identifying programs and services which meet the intent of the standard while also identifying gaps. A timeline has been created to lead the agency toward accreditation. At the end of 2016 an accreditation team was formed from representatives across the agency. This team will help move the agency towards the goal of accreditation by 2019.

Environmental Health

Sewage Operation & Maintenance Program

The Ohio Department of Health has adopted new sewage treatment system rules requiring every system to have an Operation permit. The goal: to encourage proper maintenance and extend the life of the system. Sewage treatment systems installed since January 2007 already comply with these rules. As a result, ZMCHD began implementing a sewage treatment system operation and maintenance program.

Initial Assessments: In January 2016, we enrolled reported failing systems that do not require a permit in order to repair them. This will be around 20 systems a year that can be managed with existing staff.

Operation Permits: Summer 2016, we began a 1.5 year process of enrolling all existing aeration systems on file. The education of property owners began in 2016 with the requirement to enroll starting in 2017. This will enroll an estimated 1,200 systems into the program. At this point we are planning to manage this phase with existing staff. Additional clerical support will be needed as the numbers increase. This timeline may need to be adjusted as the program is developed.

Sewage Repair Funding: ZMCHD participated in the Ohio EPA's Water Pollution Control Loan Fund assistance program for the repair and replacement of failing home sewage treatment systems. \$129,000 was available in Muskingum County for up to 100% of the eligible cost of a home sewage system repair or replacement. Funding was available for families with an earned income of less than 200% of 2009 poverty guidelines.



Mosquito Control & Zika virus

Ohio's first Zika virus case came in June. Public health sanitarians attended a very comprehensive Zika workshop presented by the Ohio Department of Health (ODH). The OHIO EPA awarded ZMCHD more than \$18,000 to expand its mosquito program. The funds were spent on a second summer intern to expand surveillance and trapping, additional applications and equipment for disease response, and a backpack type applicator for treatment around homes. ODH provided ZMCHD with new mosquito traps designed to target mosquitoes that may transmit the Zika virus.

2016 Environmental Health Services Statistics

521 food service licenses issued	1,057 food service inspections conducted
458 plumbing permits issued	889 plumbing inspections completed
132 septic permits issued	643 septic system inspections
107 well permits issued	166 water samples taken
270 animal bite investigated	266 nuisance complaints inspections
127 locations treated for mosquitoes	47 applications to standing water for mosquitoes
285 public facility inspections (schools, pools, camps, tattoo parlors)	

Health Promotion

Community Partnerships

We work with local emergency responders, healthcare providers, and organizations to test our public health **emergency preparedness** and plans. We participated in an Ebola exercise, a severe storm exercise, and a disease outbreak.

The Zanesville-Muskingum County Health Department leads the **Safe Communities Coalition**, a collaboration of agencies including law enforcement, the EMA, ODOT, OTSO, and other private entities that meets to discuss **traffic safety** trends across the county. The coalition provides traffic safety education to the community, informing them about impaired driving, seatbelt usage, distracted driving and motorcycle safety.

Muskingum County's youth-led **Stand Team at West Muskingum High School** created advertisements and conduct community events to spread the anti-tobacco message. They conducted store audits within the county to survey the prices and marketing strategies of tobacco retailers.



ZMCHD works with **childcare facilities and schools** to increase nutrition education, access to healthy food choices, and physical activity.

National Prescription Drug Take Back Day is a collaborative effort to give area residents options for disposing expired or unused prescription drugs. The event is held twice a year in the ZMCHD parking lot. Individuals are able to drive thru and drop off prescription drugs anonymously.



2016 Health Promotion Statistics

2,000 people served during a full scale mass flu immunization exercise

659,000 people were reached with traffic safety messages

62% of tobacco retailers surveyed had advertisements within three feet of the floor, likely targeting a younger population.

98 pounds of unused or expired medications collected

Zanesville-Muskingum County Health Department

Breastfeeding support &
education

Newborn home visits

Car seat distribution &
safety checks

Immunizations

Child development
screening & services

Well permit & inspection

Animal bite investigations

Nuisance complaint
investigations

Annual Report 2016

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