

annual report



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



MISSION:
PREVENT. PROMOTE. PROTECT.
PUBLIC HEALTH IS OUR PASSION!

IN THIS ISSUE

message from the health
commissioner

board of health
zmchd employees
financial report

program reviews

zmchd.org

2019

a message from the health commissioner

I am pleased to present the 2019 Zanesville-Muskingum County Health Department Annual Report.

The report highlights the great work that is happening in Muskingum County through direct services, and in partnership with agencies in the community.

This year marks 100 years of protecting the public's health in Ohio. The Muskingum County Board of Health was formed in 1919 when concerned members of the community expressed a dire need to develop a stronger health agency for the surrounding community. The combined Zanesville-Muskingum County Board of Health agreement was signed in December 17, 1970.

ZMCHD has seen many public health threats since programs were established in 1919. Smallpox, typhoid fever, diphtheria, measles, tuberculosis, polio, rabies, and H1N1 flu have been the subject of response, or planning since its inaugural year.

I encourage you to visit the ZMCHD website at www.zmchd.org to learn more about the ZMCHD and the services we provide.

We work hard every day to ensure our community is safe from infectious diseases and to help Zanesville and Muskingum County become the best place to live, learn, work, and play.

We are grateful for your partnership and for your continued support of public health services.



Corey Y. Hamilton, MS, RD, LD
Health Commissioner



ZANESVILLE-MUSKINGUM COUNTY
HEALTH DEPARTMENT

board of health



Top Row (left to right):

Bill Bird

Corporate Chef Consultant
Member since 2011; Term expires 2020
Appointed by Health District Licensing Council

James Brown, JD

Attorney
Member since 1988; Term expires 2024
Appointed by City of Zanesville

James Shepherd, MEd

Professor at Zane State College
Member since 2007; Term expires 2025
Appointed by Health District Advisory Council

Paul Nestor

Owner, Funeral Director, Embalmer
Member since 2015; Term expires 2020
Appointed by City of Zanesville

Bottom Row (left to right):

Abby Nguyen, RN, BSN, MBA

Associate Chief Nursing Officer
Member since 2017; Term expires 2023
Appointed by Health District Advisory Council

Jennifer Agin, CPA

Partner at Wilson, Phillips & Agin CPA's
Member since 2011; Term expires 2021
Appointed by Health District Advisory Council

John Hibler, DO (not pictured)

Board Certified Dermatologist
Member since 2016; Term expires 2022
Appointed by City of Zanesville

Linda Swan, MD

Retired Obstetrician, Gynecologist
Appointed by Board of Health to fill seat of Dr. Hibler who resigned in July 2019.

zmchd employees

Medical Director

Jack Butterfield, MD

Organization & Community Health Planning

Corey Hamilton, Health Commissioner

Amanda Goldsmith

Ann Hollingsworth

Kylie Jones

Business & Information Systems

Lisa King, Director

Andie Campbell

Delma Cover

Ann Gooden

Jennifer Hiestand

Jacqueline Layton

Kris Medley

Veronica Sayles

Thasia Schilling

Erin Wood

Communicable Disease Prevention & Control

Tiffany McFee, Director

Erika Baker

Linda Barker

Kris Bell

Christina Clemens

Katie Eltringham

Linda Hayes

Emily Hemmer

Tawny Pletcher

Diana Zaato

Environmental Health

Adam Dickerson, Director

Dave Baker

Michael Cruze

Matt Hemmer

Dalton Kirkbride

Bob Lewis

Darlene Powell

Tom Stratford

Jason Tilton

Samantha Wantz

Chronic Disease & Injury Prevention & Control

Bonnie Kirsch, Director

Deb Christian

Laurie Coplin

Lisa Davidson

Claire Gately

Karen Jacolenne

Penny Kincheloe

Amanda McPeck

Julie Nash

Dianna Rivera

Megan Rowe

Jody Shriver

Michelle Shroyer

Dolores Stuhmer

Pam Workman

Family & Community Health & Wellness

Carol Howdyshell, Director

Melissa Cox

Carolyn Dukes

Theresa Hague

Alisha Hughes

Megan Jones

Vickie Kokensparger

Tabby Lyall

Jenny Murrey

Michelle Phillips

Heather Rice

Angie Smith

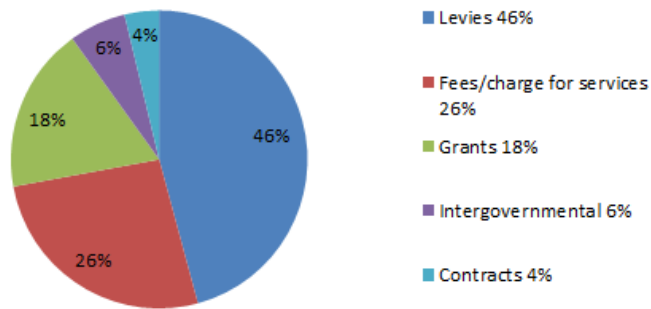
Kaitlyn Scheiderer

Carrie Williamson

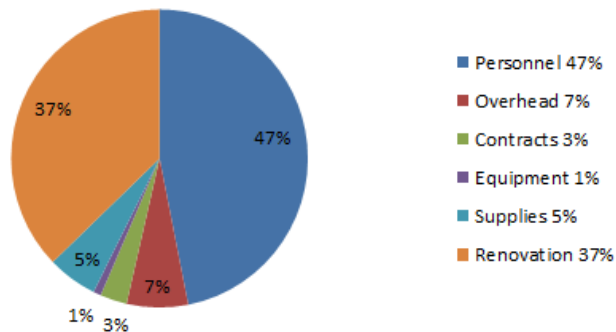
Anita Wright

ZANESVILLE-MUSKINGUM COUNTY HEALTH DEPARTMENT

2019 Revenue - \$5,223,512



2019 Expenditures - \$8,330,262



financial report

The Zanesville-Muskingum County Health Department serves a population of 85,000 according to the latest report of the U.S. Census Bureau.

In 2019, ZMCHD had an operating budget of approximately \$5.8 million plus a planned expenditure of \$3.1 million from carryover for building renovations.

The following charts show ZMCHD's income, expenses and fund balance for the period ending December 31, 2019.

A detailed copy of the annual financial statement is available by contacting Fiscal Officer Erin Wood at erinw@zmchd.org or 740-454-9741.

Fund Balance or Carryover

The Health Department budgets for revenue and expense for the current year and has cash that is carried over to the next year.

Our goal is to keep cash available for any contingencies that may arise (disasters, loss of revenue source, etc.)

By the end of the 2019 operating period, the fund balance was \$4,510,808.

New Payroll & Fiscal System

Staff were trained on new software set up and implemented by Muskingum County.

ZANESVILLE-MUSKINGUM COUNTY HEALTH DEPARTMENT

VITAL RECORDS



The simplest way to get a certified copy of a birth or death record is to order online using a credit card. To request a birth or death certificate by mail, please complete the application posted on our website at www.zmchd.org and send it to us with the total fee included. Our office offers same day service for birth and death records.

business & information systems

Birth & Death Records

1,465 Births Recorded
1,152 Deaths Recorded
5,935 Birth Certificates Issued
3,983 Death Certificates Issued

The leading causes of death listed on local death certificates were:

- 1) Heart disease
- 2) Cancer
- 3) Respiratory disease
- 4) Accidents
- 5) Alzheimer's disease

Human Resources

9 Hires
9 Departures (2 Retirements)
65 Employees on Payroll (12/31/2019)

Public Information/Communication

1,440 Facebook followers
685 Twitter followers
2,569 Website visitors
94 Media and public records requests
50 Health fairs/outreach events attended

ZANESVILLE-MUSKINGUM COUNTY HEALTH DEPARTMENT

SUCCESS!



When families purchase local fresh fruits and vegetables, many kids are exposed to new foods. Families learn about where foods come from and meet the people that grow these nutritious foods. One WIC family shared they purchased a new food, tried a new food, and added a new food to their diet all because the Farmers Market Nutrition Program allowed them this opportunity

chronic disease & injury prevention & control

WIC

Provided nutrition education and supplemental food to 1,655 women, infants and children up to age 5. Farmers Market coupons bought \$11,160 worth of fresh produce for 558 clients. Provided breastfeeding information and support to more than 500 pregnant or breastfeeding families. Organized and implemented a Human Milk Bank Milk Drive to increase donations.

Dental Sealant

Placed 3,288 sealants on 1,203 students in 28 schools in 11 districts in Guernsey, Muskingum, Morgan, and Perry Counties. Referred 594 students for additional dental care.

Tobacco Prevention & Cessation

Downtown Farmers Market adopted a smoke free policy during market hours. Working to expand opportunities to help people quit tobacco.

Completed 48 tobacco vendor compliance checks. The compliance rate was 91%. Initiated anti-vaping coalition.

Maternal & Child Health

Assisted Zanesville Day Nursery in applying to be certified as an Ohio Healthy Program (designed to improve nutrition and physical activity opportunities in day cares). Health Educators are teaching youth at Zanesville Civic League how to prepare healthy snacks and try new foods.

Safe Communities

Promoted traffic safety messages through a community coalition. We shared traffic safety messages with media and at many events. The biggest accomplishment was the Zanesville High School Pep Rally where we reached 869 students on driving safely. 13 crash fatalities reviewed by a multi-disciplinary team to identify preventive interventions that could be recommended.

ZANESVILLE-MUSKINGUM COUNTY HEALTH DEPARTMENT

SUCCESS!



Tawny Plecher, Health Department (middle) and Ulrich, United States Public Health Service (left) provided Narcan training to 50 Ohio University Zanesville and Zane State College students at Spring Fest, which took place during Campus Safety Days. The kits were donated by Jose Rodriguez, Ohio State College of Public Health.

communicable disease prevention & control

Immunizations

Offered immunizations and education for 3,137 children, adults, and travelers. Staff streamlined a process to accommodate back to school immunizations in a timely manner. The travel health team improved the scheduling process to meet the needs of travel immunization clients.

Disease Investigation

Investigated 1,459 reported cases of infectious diseases including 40 cases of Lyme Disease.

Safe Point, Bloodborne Infectious Disease Prevention Program

Provided clean needles and education about the risks of sharing needle to 162 participants to reduce disease. Resumed program operations in December after closing in October to consult with legal counsel to be in full compliance with the requirements stated in Ohio Revised Code. 266 needle exchanges. 4,995 needles exchanged. 22 vaccines given and five referrals.

Naloxone Infrastructure Grant/Project DAWN

Provided training to 256 clients on naloxone administration and overdose education and distributed 198 naloxone kits. 41 reversals were reported with all people living.

Emergency Preparedness

Worked with other agencies developing and practicing emergency plans. Timely response to an emergency evacuation for an independent living facility. Multiple service areas involved in response, working with partners, ensuring safety and care of residents. More than 25 staff drills and

Epidemiology

Responded to three disease outbreaks in Muskingum County including Norovirus, Pertussis, and statewide Hepatitis A. Collected data for program planning and conducted disease surveillance.

ZANESVILLE-MUSKINGUM COUNTY HEALTH DEPARTMENT



SUCCESS!

Public health sanitarians provide free food safety courses for food handlers to increase their knowledge of food safety and the regulations used during the inspections of the facilities in Muskingum County.

environmental health

Food Safety Inspections & Licensing

Completed 945 Inspections and issued licenses to 443 food service operations and retail food businesses. Increased inspection rate for temporary food licenses to ensure proper sanitation and safe food handling.

Rental Housing

Investigated 18 rental housing complaints within Muskingum County. 90% of nuisance complaints addressed within the 5 day requirement.

Mosquito Control

Received 222 complaints. Completed 133 treatments. We were awarded \$6,000 in EPA funding to fight mosquito borne disease.

Sewage Treatment System Inspection & Permits

Completed 756 inspections and issued 141 permits for household sewage systems. Issued 185 Operation & Maintenance permits.

Implemented use of a drone to fly at inspections and provide homeowners with aerial photos of their sewage system. Provided financial assistance for the planning, design and construction of 15 projects that protect or improve the quality of water resources in Muskingum County.

Plumbing Inspection & Permits

Completed 592 inspections of commercial and residential plumbing installations. 126 commercial plumbing projects in Coshocton, Muskingum, and Perry Counties.

Backflow Prevention

Tested 3,027 backflow devices. Receiving back 93 letters for non-compliant backflow devices to be fixed.

Private Water Systems

Completed 268 water system inspections and issued 47 water well permits. Issued 128 public water hook up permits.

ZANESVILLE-MUSKINGUM COUNTY HEALTH DEPARTMENT



SUCCESS!

Amber, a local mother who has benefited from Help Me Grow Home Visiting, shared through a social media campaign how the program has helped her daughter to grow. She says the support she received through her Home Visitor, Michele Phillips was life-changing.

family & community health & wellness

Car Seat Safety Checks

Staff provide education to families and ensure seats are installed correctly. Processed 124 applications for car seats, distributed 69 convertible seats, 12 booster seats, and conducted 43 car seat safety checks finding 11 seats installed incorrectly.

Children with Medical Handicaps

Linked 569 families of children with special health care needs to services. Staff worked with state representatives to get a policy changed so medications for a child with are now covered.

Community Wellness

Provided health screenings and education to 774 participants in 67 community site visits. Staff assisted a newly diagnosed diabetic with how to use her glucometer.

Cribs for Kids

Provides safe sleep education promoting the ABCs of Safe Sleep (baby sleeps safest alone, on their back, in a crib. Provided 28 cribs to eligible families.

Early Intervention

Provided service coordination to 160 families parenting children under the age of 3 with developmental delays. Completed Quality Improvement process mapping to help refine our process in working with our partners.

Help Me Grow Home Visiting

Provided 632 home visits to 53 families with the goal of empowering families to make positive parenting choices. Co-hosted a baby shower for pregnant moms.

Lead Poisoning Prevention

Managed 54 childhood lead cases 33 cases were closed because child lead levels decreased. Received \$3,480 grant funding for Lead Awareness activities including 25 cleaning buckets for families.

Prevent Blindness Ohio

Linked 27 local residents to gift certificates for eye exams and glasses. Vickie Kokensparger received the Prevent Blindness Appreciation Award for being a "Gold Star" with clients she serves.

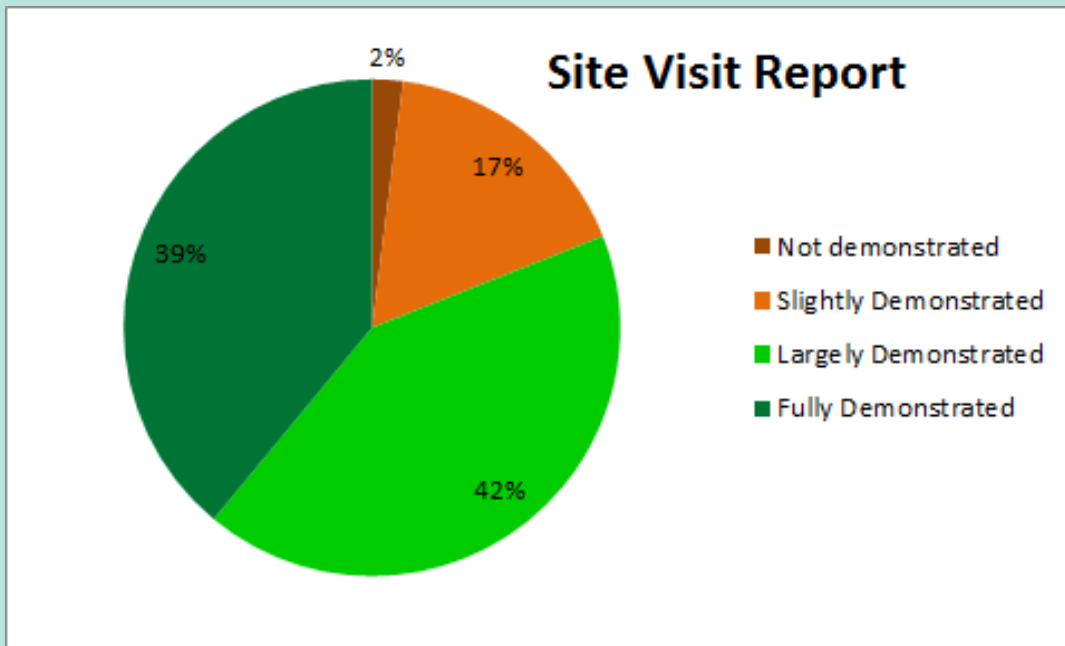
Smart Choices, Strong Families

Gives pregnant women and families needed resources and skills to raise children. Completed 68 home visits and averaged 46 women actively involved each month. 20 women got and kept a job; 5 achieved housing; 12 completed treatment, 40 were in active treatment; 2 got their children back; 27 of 39 newborns stayed with their moms.

Social Worker

Received 94 referrals and provided support to families in need.

ZANESVILLE-MUSKINGUM COUNTY HEALTH DEPARTMENT



SUCCESS!

We received our Site Visit Report on December 18, 2019. Each of the 100 measures were graded with 1 of the 4 scores shown in the chart on the left. 81% of our measures were either largely or fully demonstrated.

organization & community health planning

Accreditation Update

ZMCHD began its accreditation journey in December 2018. By September 2019, we submitted all of the required documentation. A Public Health Accreditation Board site visit team was assigned and reviewed our documentation, comparing all of our examples to PHAB standards and measures. On September 30- October 1, our site visit team conducted interviews as the final step in our accreditation process. During the exit interview, they described ZMCHD as a, "high functioning health department and a recognized leader in the community." The official results of our accreditation status will be determined during the first quarter of 2020.

Drug Overdose Prevention Grant & Collective Impact

We continue to be engaged in our community's efforts to overcome the opioid epidemic.

In 2019, we experienced 39 deaths attributable to overdoses. This compares to 42 deaths in 2018. There were 15 overdose deaths in the City of Zanesville, from August 2-6, 2019. From November 11-12, 2019, six overdose deaths occurred in the City of Zanesville and Muskingum County. Drug overdose prevention activities include; facilitating the Collective Impact Coalition, supporting the Overdose Fatality Review, developing and facilitating the Community Overdose Response Plan, and developing a media campaign for at-risk populations to prevent substance misuse disorder.

Strategic Planning

ZMCHD started working on a 3-year strategic plan in 2018. The plan includes 54 action steps that were designed to help the agency reach its goals and objectives. At the completion of the second year, 67% of the action steps have been implemented.

Thank You

for your support



4-29-35 —Transcript Photo
"BE BRAVE, SON" — Transcript Photographer Riemenschneider offered these words of encouragement to his son, Von, as he was about to receive his injection of the Salk polio vaccine, Tuesday morning at Jefferson school. Dr. D. K. Matthews gave the shots assisted by (left) Mrs. Robert Mathew, PTA member who helped keep clerical records and (right) County Health Nurse, Constance Whitman.



Public Health
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Zanesville-Muskingum County

Muskingum County's Dr. Beatrice Hagen-Only Full-Time Woman Health Commissioner in State

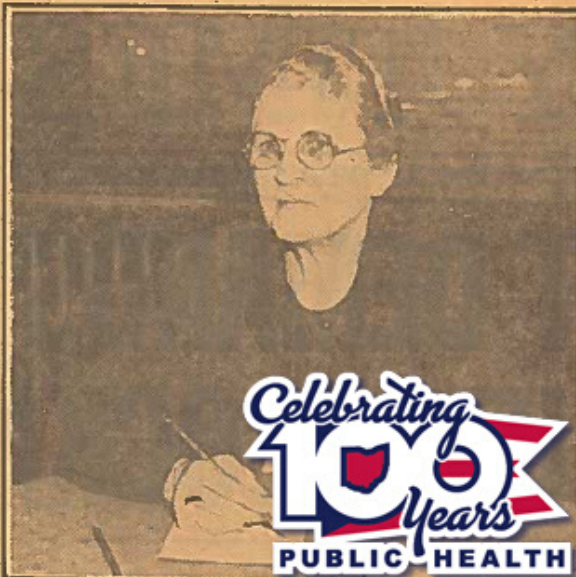
Began Public Health Service in 1922 For the City

Dr. Beatrice Hagen, head of Muskingum county's health department, is the only full-time woman health commissioner in the state of Ohio. Dr. Hagen began public health work in 1922, shortly after women received the franchise. Appointed by Mayor C. C. Slater of Zanesville to the city health department she served in that office until 1926, and then went back into public health work in 1928.

A person of boundless energy, Dr. Hagen travels throughout the county in good weather and bad, summer and winter, on roads that sometimes are almost unpassable. She likes to be out "in the field" and know what is going on.

"We get everywhere. I don't think there is a road in Muskingum county we haven't touched," Dr. Hagen said. "When the roads get so bad we can't make it, we walk. Some of the roads are in terrible condition in winter."

Muskingum county health department ranks third in the state, yet it is much smaller than those in many of the large cities that have enormous corps of workers.



Dr. Beatrice Hagen, head of the county health department. The department ranks third in the entire state, and Dr. Hagen is the only full-time woman health commissioner in Ohio. She is chairman of the public health committee of the state medical association.

ren in the county is fair, and in different districts as to whether the children have plenty of food. In some districts conditions are very bad.

Preventive Medicine

"I am very strong for preventive medicine," she added.

Approximately 3,000 have been vaccinated, recently, in the county. Diphtheria tests are given to find out whether children are susceptible to diphtheria, to young children over 12. Under 12 years of age are given doses of toxoid which produces immunity in about six months. The toxoid is given every two weeks.

"Student nurses of Bethesda hospital also undergo the Schick test and if they have not been vaccinated within the past year are vaccinated against diphtheria."

All county school bus drivers are given a thorough physical check each August. Examinations include tests of chest, eyes, heart, pressure, and the drivers are examined for color-blindness. Height and weight are also taken into consideration.

While examination of pre-school children was usually made by the county health department at school conferences in past years the department is planning to examine pre-school children