

MIAMI COUNTY PUBLIC HEALTH ANNUAL REPORT 2017



**Miami County
Public Health**

Prevent. Promote. Protect.

Miami County Board of Health

Ruthann Cron* Troy
President

Joanna Pittenger* Tipp City
Vice President

Peter Nims* MD General
2nd Vice President

Randy Mott* General

Heather Davis* General

Ted Ristoff* Troy

Phil Snider General

Robert Shook General

*CURRENT MEMBERS

Public Health Leadership Team

Dennis R. Propes, RS, MPA
HEALTH COMMISSIONER

James S. Burkhardt, DO
MEDICAL DIRECTOR

Deb French, BSN, RN
DIRECTOR OF NURSING

Jane Tomcisin, RS
DIRECTOR OF ENVIRONMENTAL HEALTH

Pam Ramey, RD, LD
WIC DIRECTOR

Michele Bowman, RS
ACCREDITATION COORDINATOR/HR

Health Commissioner Comments

It is with great pleasure that I present the 2017 Annual Report for Miami County Public Health. The mission of Miami County Public Health (MCPH) is *to prevent illness, promote health, and protect those who live, work, and visit our community*. The vision of Miami County Public Health is *to make our community a healthy place to live, learn, work and play*. We strive to fulfill this vision by applying our **5 Core Commitments** to: 1. *Deliver excellent customer service* 2. *Respect and care about people* 3. *Create positive change* 4. *Be fiscally responsible* 5. *Do the right thing*.

2017 was a year of successes and challenges, and the hard work and dedication of our staff and leadership will ensure continued success, and also ensure we meet current and future challenges.

Successes

Significant progress was made in 2017 towards our goal of achieving public health accreditation through The Public Health Accreditation Board. This is a requirement for all health departments in Ohio to achieve accreditation by the year 2020. Through the accreditation process, MCPH has been able to implement plans for Quality Improvement, Performance Management, Workforce Development as well as improve our Communication and Emergency Preparedness Planning.

2017 also marked the completion of our Community Health Assessment (CHA). The CHA describes the health of Miami County residents by analyzing the factors which impact their health status. A committee of multiple agencies and organizations worked to provide information for planning, policy review, and actions to improve the health of Miami County. MCPH and various partners in the community will be working to put the findings of the CHA into practice over the next several years.



Miami County Public Health Staff—2017

510 W. WATER ST., SUITE 130, TROY, OH 45373
Phone (937)573-3500 Fax (937)573-3501
Hours: Monday to Friday, 8:00 AM to 4:00 PM

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Challenges

The Opioid Crisis continues to plague families and communities in Miami County. MCPH has worked with many county partners to address this crisis. Together, we have instituted community based quick response teams of treatment professionals in Piqua and Troy that visit people who have overdosed in the community. We have opened a detox facility in Miami County operated by Miami County Recovery Council. We have distributed hundreds of Narcan kits to the public and local law enforcement through the Project Dawn grant. We have also educated the public at community forums throughout the county.

2017 also saw the passing of friend and Board of Health member Robert Shook. Mr. Shook worked tirelessly to improve the quality of life for his fellow citizens. His wisdom and dedication to public health in Miami County is sorely missed.

As we head into 2018, MCPH looks forward to working with our citizens, community and community partners to promote and protect public health.

*Dennis Propes, RS, MPA
Health Commissioner*

In Memoriam



Robert J. "Bob" Shook

1932-2017

FINANCIAL SUMMARY

Total 2017 Income	\$4,105,304
Total 2017 Expense	\$3,612,783
2017 Ending Contingency Reserves	\$800,000
2017 Ending Non-Contingency Reserves	\$2,161,602

In 2017 we continued our efforts to be good stewards of the public's money. Fiscal responsibility is one of our core commitments to the community. Our reserve will allow us to maintain needed public health services in the community and plan for the future.

GOVERNANCE

BOARD OF HEALTH

Serving Troy, Tipp City, Covington, West Milton, Pleasant Hill, Bradford, Potsdam, Casstown, Fletcher, Laura, Ludlow Falls, and all the townships of Miami County. The Miami County Board of Health meets the fourth Thursday of each month at 9:00 AM. These meetings are open to the public

Board Member	Represents	Term Expires
Ted Ristoff	Troy	2022
Randy Mott	General	2018
Peter Nims, MD	General	2019
Ruthann Cron	Troy	2020
Joanna Pittenger	Tipp City	2020
Heather Davis	General	2020

DISTRICT ADVISORY COUNCIL

The Miami County District Advisory Council holds the responsibility of appointing members to the Board of Health and bringing recommendations and concerns on health issues to the Board's attention. The advisory council is composed of the chair-person of each township's board of trustees, the chief administrator of each village and the president of the Miami County Board of Commissioners (or a designee).

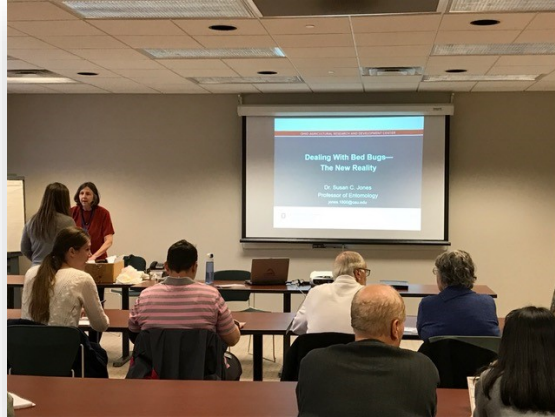
Chairperson:	Jason Sargent
Vice-Chairperson:	Philip Cox
Secretary:	Terry Wackler



**Proud to be a
United Way Agency**

ENVIRONMENTAL HEALTH DIVISION 2017 - Year in Review

Collaborated with OSU Extension Office to host 49 participants at a Bedbug Workshop.



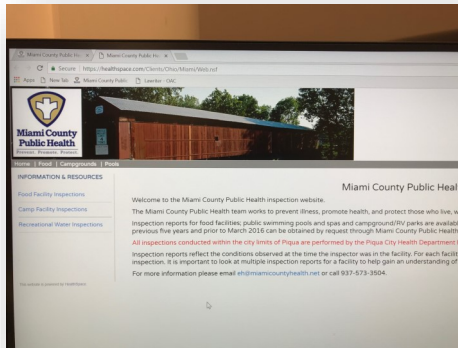
With assistance from a grant from Ohio EPA, worked with Ohio Dept. of Health to conduct mosquito surveillance, education and larval control for the community.

Auglaize County



Added Auglaize County commercial plumbing plan review and inspections.

Launched online food, pool and campground inspection reports.



Through funding assistance from the Ohio EPA, 27 homeowners received new or repaired septic systems. Two others received a system design.

Investigated 328 nuisance complaints.



Licensed 32 new food service operations and retail food establishments.



ENVIRONMENTAL HEALTH DIVISION

2017 by the Numbers

ENVIRONMENTAL HEALTH STATISTICS	
LICENSED PROGRAMS LICENSES SOLD	
Food Service Operation (FSO)/Retail Food Establishment (RFE)	352
Temporary Food	162
Mobile Food	58
Vending Locations	60
Pools and Spas	32
RV Parks and Camps	10
Temporary Park/Camp	5
Body Art	2
FOOD PROTECTION - INSPECTIONS	
FSO/RFE	1287
Mobile	86
Temporary	173
Vending Location	40
NUISANCE ABATEMENT	
Complaints	328
Inspections	711
OTHER ENVIRONMENTAL INSPECTIONS	
Swimming Pools & Spas	208
RV Parks and Camps	11
Temporary Park/Camp	5
School Environment	8
Smoke Free Ohio	7
Rabies Control	130
Body Art	7

FORMER EH STAFF:

Rick Borgman, CPI
Jordan Phillips, SIT

ENVIRONMENTAL HEALTH STATISTICS	
PRIVATE SEWAGE SYSTEMS	
Soil and Site Review Application	44
Installation Permit/New	25
Installation Permit Alteration/Replacement	45
Sewage Treatment System (STS) Alteration Application	19
Lot Splits	28
STS Service Provider	9
STS Abandoned	81
STS Installer Registration	18
Septage Hauler Registration	21
Septic Tank Truck Registration	42
Septage Site Permits Registration	4
STS Operational Permits	2393
PRIVATE WATER SYSTEMS	
Well Permits	88
Well Sealing Permits	10
Water Sample Testing:	346
SOLID WASTE	
Truck Registrations	129

PLUMBING STAFF:

Barry McMillen, CPI -Chief Plumbing Inspector

Tim Miller, CPI - Plumbing Inspector

PLUMBING STATISTICS	
PERMITS	
Miami County	628
Auglaize County	26
Mercer County	33
Shelby County	176
Piqua City	97
INSPECTIONS	
Miami County	1231
Auglaize County	62
Mercer County	127
Shelby County	469
Piqua City	212
BACKFLOW DEVICES	
Miami County	1790

There were 102 plumbing inspections completed in Darke and Preble Counties as a result of our contract to assist as a back up when needed.

EH STAFF:

Angela Benedict
Jonathon Deeter, SIT
Jason Dreier, RS
Jenny Fourman
Ron Jackson, RS
Shane Snapp, RS
Gerry Tipton, RS
Jane Tomcisin, RS—Director
Therese Tyson, RS

NURSING DIVISION - Programs and Services

Deb French BSN, RN - Director of Nursing
James S. Burkhardt, DO, Medical Director

PROGRAM PARTICIPATION

BCMh	
Caseload Average	194
Phone Contacts	1262
Home Visits	0
Prenatal Clinic	
Client Visits	309
New Clients	43
Births	30
Low Birth Weight	2
Preterm	2
Reproductive Health Service	
Client Visits	419
New Clients	91
Well Child Clinic	
Client Visits	176
New Clients	105
Medicaid Assistance	46

CHILDHOOD VACCINES

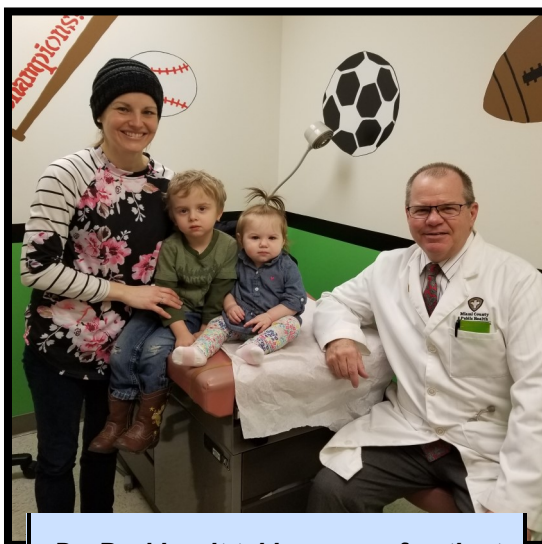
DTaP	376
Hepatitis A	213
Hepatitis B	157
Hib	184
HPV	239
Polio	366
Menigitis	601
Pneumococcal	176
MMR	242
Rotavirus	54
TDaP	307
Td	1
Chicken Pox	429
Influenza	109
Other Vaccines	7

GENERAL SERVICES

TB Tests Administered	489
Pregnancy Test	69
Adult Physicals	9
Lead Case Management	5
Misc. Walk in Visits	206
Travel Vaccine Clients	199
Adult Immunizations	622

PUBLIC HEALTH NURSING is a specialized area of practice, which strives to preserve the health of populations across the lifespan by emphasizing health promotion and disease prevention and protection.

One area of focus is on Infant Mortality (IM) education. Infant mortality is defined as the death of a baby before his or her first birthday. Ohio's infant mortality rate in 2016 was 7.4 (per 1,000 live births). Miami County had five infant



Dr. Burkhardt taking care of patients

deaths in 2016 (fewer than 10 deaths are unstable and not reported as a rate) Causes of IM include: babies born too small or too early, maternal complications, birth defects, victims of injury such as suffocation from co-sleeping and Sudden Infant Death Syndrome (SIDS).

MCPH has collaborated with Edison Community College Nursing program for many years to provided clinical site experience for the students. The students are required to write about their experience. The following is an excerpt from a student who came to MCPH:

"Firstly, I will say their staff are some of the most non-judgmental, understanding people I have ever met. They really have a compassion for their community. They are advocates for these people and safe havens. Their role is to work under the physician to promote the most beneficial care for their patients. They work as friends and counselors because some of these people have nobody and need guidance and someone to lean on. They are also a big coordinator of care in this setting because the doctors are only there so much, it leaves a lot of critical thinking and prioritizing to the nurse."

This clinical experience really opened my eyes to the lower socioeconomic status. It showed me how other cultures norms are and how the other people in my community live. It also opened my eyes to a few of the biases I didn't even know I had. It gave me the opportunity to prioritize and act independently as any other clinic nurse."

MCPH Nursing also collaborated with the Miami County Parks District for the Trail Run Challenges, Dayton-Montgomery County Public Health to enhance our HIV Expanded Testing Initiatives, and Health Partners Free Clinic for assistance with the Affordable Care Act (ACA).

The Nursing Division continues to provide school nursing services to two schools in the county. For 2017 there were 83 vision screens, 76 hearing screens and 78 immunization reviews completed between the two schools.

MCPH receives vaccines from the state and federal government for all children who are uninsured, on a Medicaid plan or have insurance that does not cover any cost for vaccines. MCPH also provides vaccinations for adults and for persons traveling outside the United States.

NURSING STAFF:

Michelle Cox, BSN, RN
 Shelley Jackson, BSN, RN
 Belinda Reilly, RN
 Melette Bailey, BS, RN
 Amanda Koenig, BSN, RN*
 Amy Jones, BSN, RN*
 Nikki Maurer, BSN, RN

Beth Kindell, CMA*
 Brenda Causey

Lisa Hanke
 Jessie Underwood, RN
 Daniel J. Dilworth, MD
 (Contract)
 Christina Garlinger, HMG, HV
 Katherine Gray, HMG, HV

Jennifer Stewart, RN
 *Retired/Resigned

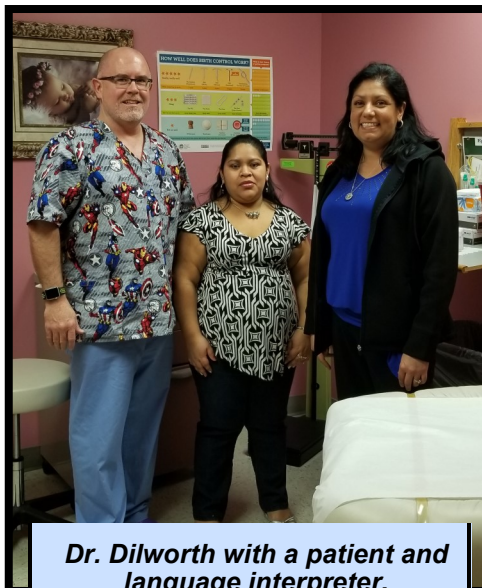
NURSING DIVISION - Programs and Services

Deb French BSN, RN - Director of Nursing
James S. Burkhardt, DO, Medical Director

2017 MIAMI COUNTY INFECTIOUS DISEASES

Chlamydia	246
Hepatitis C, chronic	130
Influenza Assoc Hospitalization	82
Gonococcal infections	53
Salmonellosis	40
Hepatitis B, chronic	29
Campylobacteriosis	20
Strep, Pneumo, Invasive	17
Varicella	17
Pertussis	15
Syphilis	14
Meningitis, Bacterial	10
Strep A, Invasive	8
Lyme disease	6
Giardiasis	4
Hepatitis B, acute	3
Legionellosis	3
Cryptosporidiosis	2
Hepatitis C, acute	2
Shigellosis	2
Coccidioidomycosis	1
E. coli 0157	1
Hepatitis B, perinatal	1
Mumps	1
Spotted fever Rickettsiosis	1
Yersiniosis	1
TOTAL	709

In 2017 Miami County had a significant increase in Syphilis, chronic Hepatitis B, and influenza associated hospitalizations from 2016.



Dr. Dilworth with a patient and language interpreter, Arazeli Ratcliff

Reproductive Health and Wellness

The Reproductive Health and Wellness Clinic offers preconception care, which includes making a Reproductive Life Plan, offering birth control options and STD testing for both men and women.

Immunization Action Plan grant (IAP).

The IAP goal is to have all children in Miami County up to date with immunizations by the time they are 24 months old. This is determined by routine assessments of immunization rates. Through the IAP grant, Immunization information is shared with private physician offices and other stakeholders throughout the county.

Prenatal Wellness Center:

MCPH serves as a safety net for pregnant women who are unable to go to a private OB/GYN. Reasons a woman may be unable to get care range from no insurance, having an outstanding bill, or late in pregnancy. The Prenatal Wellness Center provides prenatal care, postpartum care and referrals to other agencies as needed.

Well Child Clinic:

MCPH provides Well Child Visits, consisting of physical exams and immunizations, to infants, children and teens from birth thru age 18. We refer children without insurance to Health Partners Free Clinic.

Baby and Me Tobacco Free (BMTF)

The BMTF Program is a free smoking cessation program for pregnant and post-partum women and their partners. This is a referral based service available to any pregnant woman in Miami County. In 2017 there were 81 individual referrals, 41 enrollees, 212 visits completed and 4 graduates.



Flu Vaccinations (Seasonal)

MCPH continues to offer flu vaccines to employees, their families, and the community which we proudly serve. No individual will be turned away.

Help Me Grow Home Visiting

In 2017, MCPH became Miami County's Provider Agency for the Help Me Grow (HMG) Home Visiting Program through the Ohio Department of Health. HMG serves pregnant women and new parents and is a voluntary family support program, promoting healthy growth and development of babies and young children to the age of three.

WIC DIVISION

Pam Ramey, RD, LD - WIC Director



Issued 155 sets of Farmers' Market coupon packets

Miami County WIC Team



Winner of Breastfeeding Essay Contest



Held "Big Latch" event in August to promote and support breastfeeding in the community.



WOMEN, INFANTS AND CHILDREN

2017 STATISTICS

Average Monthly Case Load	1252
Certification/Recertification Visits	2753
Nutrition Education Visits	1882
Breastfeeding Education Contacts	179
Electric/Manual Breast Pumps Issued	13
Farmers Market Program Redemption Rate	47.42%



Participated in National Night Out event in Troy with local law enforcement

WIC Staff

Christina Garlinger
Tracy Goodwin, DTR
Laura Parker
Chanda Pearil
Mary Solomon-Ames, RD, LD
Hallie Whitley, IBCLC

ADMINISTRATION

MICHELE BOWMAN, RS - ACCREDITATION/HR

Vital Statistics

The Vital Statistics office files records for deaths that occur in Miami County except for those that occur inside the Piqua City limits. Our files date back to December 10, 1908, when the filing system for the state began. Ohio law only allows for the issuance of certified copies of birth and death records. Our office issues certified birth certificates for anyone born in the state of Ohio.

Child Fatality Review Board

Annually the Child Fatality Review Board reviews the deaths of all children under the age of 18 who are residents of Miami County. The Board's purpose is to reduce the incidence of preventable child deaths. This is accomplished by identifying those deaths that could have been prevented and identifying strategies that would help prevent the next such death from happening.

Dennis Propes, RS, MPA, Health Commissioner

William Ginn, M.D., Miami Co. Coroner

James Burkhardt, D.O., Medical Director

Deb French, BSN, RN, Director of Nursing

Kristi Barnhart, Vital Statistics Registrar

David Duchak, Miami County Sheriff

June Cannon, Director Children's Services

Mark McDaniel, MBA, Tri Co. Recovery & MH

Melissa Kinney, Registrar Piqua Health Department

Accreditation

During 2017, significant progress was made as the agency continued to prepare for public health accreditation. In Ohio, public health accreditation is mandatory for all health departments in the state. Every local health department

must be accreditation-ready by 2018 and fully nationally accredited by 2020. To advance our Accreditation goals in 2017, MCPH created a Workforce Development Plan, a Performance Management System and a Quality Improvement Process.

Strategic Plan:

Our first ever Strategic Plan was developed in 2015, and implementation began immediately thereafter. Since the original adoption of the plan, two annual reviews have been completed. Overall the department has made great progress on the goals and objectives that are outlined in the plan.

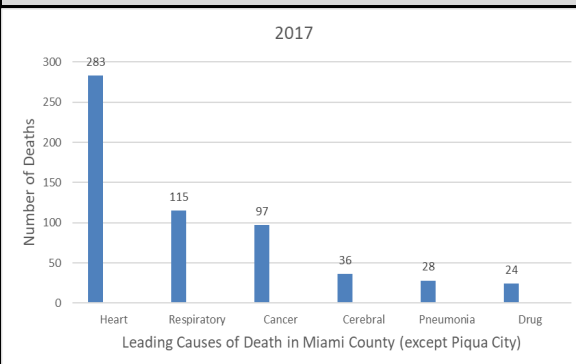
Community Health Assessment:

The agency received a grant to complete our Community Health Assessment in collaboration with both Greene and Preble County. Wright State University was contracted to facilitate this process, which was completed in September 2017.

Community Health Improvement Plan:

In 2017, MCPH contracted with Wright State University to complete our Community Health Improvement Plan. During this process, data from our Community Health Assessment was used to identify priority issues and develop and implement strategies for action to improve health. We are involved in this process now in conjunction with our community partners.

LEADING CAUSES OF DEATH IN MIAMI COUNTY



PERMITS, RECORDS, STATISTICS

Birth Abstracts	
Certificates	3406
Affidavits	1
Home Birth Registrations	7
Burial/Transit/Cremation Permits	522
Death Certificates	
Certificates	3310
Affidavits	147
Death Supplemental	203
Child Fatality Review	10
Certificate of Service	6

ADMIN STAFF:

Angie Cotrell, Finance
 Ryan Snapp, IT
 Kristi Barnhart, Registrar
 Laura Scott, Deputy Registrar
 Janel Hodges, RS Epidemiologist
 Nate Bednar, RS Emergency Preparedness
 Vicky Knisley-Henry, Health Educator
 Jordan Phillips, Injury Prevention Coordinator



Health Education and Injury Prevention

Health Education participated in more than 25 community events during 2017. New for 2017 was the Kid Summer day camp with Tipp Monroe Community Services as well as the Teen Driver Safety Billboard contest with area high schools. Data collected from second annual Seat Belt Challenge for all high schools in Miami County indicate a 10% increase in seat belt usage for 2017. Health education also coordinated the 1st annual county wide food drive by partnering with six other organizations.

Injury Preventions MCPH Project DAWN (Deaths Avoided with Naloxone) has given out 224 Narcan kits through 2017. One overdose reversal was recorded. Project DAWN has expanded to now include the Troy Quick Response Team (QRT) so that there are active trainers in the community who are able to engage with those who have experienced an opioid overdose. Education and outreach continues to be a major component within injury prevention; upcoming events include training Covington Police Department on Project DAWN, and presenting at Edison College for the Catholic Social Services on the Opioid epidemic and how it impacts the elderly population.