Highlights

Identity

In 2018, the staff redefined the identity of Marion Public Health with a new mission, values, and brand materials. The new focus of MPH is on **health equity and creating a healthy culture** by working at the community’s roots. Like a tree, if we keep the roots healthy and strong, then the community will be healthy and strong. So what’s at the roots? Disease prevention, for sure. We will continue to provide those core public health services to prevent disease and protect the community. But there is more than that at the roots. Things like healthy homes, safe neighborhoods, access to healthy foods and physical activity, and access to health care all reside in the roots. Work at the roots is not a solo job. Moving the needle on our community’s health issues will take working with our partners in new, impactful ways through creative collaboration.

The staff chose a tree to represent the new brand. The tree is healthy and strong. Marion sits under the tree and on top of the ground, also healthy and strong. Underground, at its roots, is Marion Public Health, working to create a system that provides a strong foundation for the community and ensuring that Marion and the tree grow healthy above.

Accreditation

Also in 2018, Marion Public Health achieved **national accreditation**! We are one of 27 local health departments in Ohio to achieve accreditation (out of 114), and one of only 244 accredited health departments nation-wide. While accreditation is voluntary in other states, Ohio has mandated that all local health departments be accredited by 2020. We are thrilled to have been able to achieve this honor well before the deadline. Going through the accreditation process helped us strengthen our infrastructure, develop plans for growth and improvement, and ultimately helped us reframe our identity to make a bigger impact on the health of our community.
# Fiscal Report

<table>
<thead>
<tr>
<th>Fund</th>
<th>Beginning Balance</th>
<th>YTD Revenue</th>
<th>YTD Disbursed</th>
<th>Ending Balance</th>
<th>Encumbrances</th>
<th>Unencumbered Cash Balance</th>
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<td>Campgrounds 9014</td>
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<td>$35,839.23</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>$1,112,207.92</strong></td>
<td><strong>$2,751,599.84</strong></td>
<td><strong>$2,707,190.93</strong></td>
<td><strong>$1,166,477.43</strong></td>
<td><strong>$315,405.01</strong></td>
<td><strong>$851,072.42</strong></td>
</tr>
</tbody>
</table>

### 2018 Revenue: $2,751,600

- Tax Support: 16%
- Grants: 18%
- Fees & Licenses: 9%
- Clinical Services: 8%
- Salaries & Benefits: 22%
- Other: 18%

### 2018 Expenses: $2,707,190

- Personnel: 50%
- Supplies, Equipment, Travel Advertising: 9%
- Rent: 8%
- Mortgage/Utilities: 8%
- Facility: 8%
- Salaries & Benefits: 18%
- Other: 18%
Environmental Health

A safe environment is one of the most important factors to good health. Our environmental health team works hard to make sure we have a safe environment for those who live, work, and play in Marion County by conducting inspections, responding to complaints, and providing education to the community. Some of the highlights from their work in 2018 are listed below.

### 2018 Environmental Health Programs

- Food safety
- Nuisance Abatement
- Wells
- Plumbing
- Sewage
- Radon
- Mosquito Control
- Campgrounds
- Swimming Pools
- Tattoo and Body Piercing
- Animal Bites
- School Safety
- Lead Poisoning Education

### Residential and Commercial PLUMBING

- Permits Issued: 184
- Inspections and Plan Reviews: 341
- Number of Registered Plumbers: 41

### Sewage

- Evaluations and Inspections: 275
- Permits Issued: 89

### Private Water Systems

- Inspections: 45
- Permits Issued: 58
Water Pollution Control Forgiveness Loan Fund -

This is a State EPA funded program that locally Marion Public Health is facilitating to eliminate pollution from failing septic systems. This year, there were 12 septic systems that were either repaired, replaced, or connected to a public sewer using this funding.

Each household is estimated to generate approximately 120 gallons of wastewater per bedroom per day. Through this grant, Marion Public Health was able to eliminate an estimated 4,320 gallons per day, or 1.685 million gallons per year, of untreated wastewater going into our lakes, streams, and ponds via farm tiles, ditches, creeks etc.

Untreated wastewater can cause contamination of nearby wells and recreational waters with disease carrying organisms that cause salmonella, giardiasis, typhoid fever, and gastrointestinal problems. It can also contribute to algal blooms that produce toxins that will affect a public drinking water supply like the ones in Toledo in 2014 and 2017 that caused the water to be unsafe to drink for hundreds of thousands of people.

Operation Permits

New State Rules require homeowners that are not on a public sewer to renew Operation Permits from the Health Department and show that the system is being maintained.

The purpose of the Operation Permit is to ensure that the wastewater from your household does not go untreated into the streams and rivers or on the ground.

Don't be a polluter! Terms of the Operation Permit:

- Pump the septic tank every 2-5 years.
- Eliminate water intrusion from sump pumps, gutters, etc.
- Maintain a service contract for the life of the system
- Renew your Operation Permit annually.
- Annually test discharging systems requiring EPA approval.
Food Safety by the Numbers

1013 Food inspections conducted. This included our standard inspections, complaint-driven inspections, foodborne illness investigations, mobile food vendors, and temporary food vendors.

407 Food permits issued to restaurants, grocery stores, vending machines, mobile food vendors, and temporary food vendors.

Routine FOOD Inspections

Food facility inspections are conducted on a routine and complaint basis. Inspections are completed to ensure compliance with the Food Code and to maintain the safety of the public. These inspections determine if the facility is following the minimum standards and practices to keep the public safe from food borne illnesses.

Top 3 CRITICAL violations

1. Date marking and disposition: TCS foods are not properly date marked or discarded when required.
2. Time and Temperature Control: TCS foods being held at improper temperatures. Cold foods must be held 41°F or below and hot foods must be held 135°F or above.
3. Sanitizing: Equipment and utensils are not properly sanitized or not sanitized at the required frequency.

Top 3 NON-CRITICAL violations

1. Cleanliness of non-food contact surface: Build up and/or food debris on equipment.
2. Equipment in good repair: Damaged gaskets on coolers, non working/damaged equipment.
3. Thermometer: No thermometers available inside coolers.

TCS FOODS: Food that need time and temperature control for safety. i.e. milk, dairy products, eggs, meat, cut melons, etc.
## Nuisance Abatement

Complaints: 454  
Inspections: 810

<table>
<thead>
<tr>
<th>Township</th>
<th>Complaints</th>
<th>Township</th>
<th>Complaints</th>
</tr>
</thead>
<tbody>
<tr>
<td>City of Marion</td>
<td>655</td>
<td>Salt Rock Township</td>
<td>1</td>
</tr>
<tr>
<td>Big Island Township</td>
<td>4</td>
<td>Scott Township</td>
<td>2</td>
</tr>
<tr>
<td>Bowling Green Township</td>
<td>2</td>
<td>Tully Township</td>
<td>5</td>
</tr>
<tr>
<td>Claridon Township</td>
<td>2</td>
<td>Waldo Township</td>
<td>5</td>
</tr>
<tr>
<td>Grand Township</td>
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<td>Village of Caledonia</td>
<td>3</td>
</tr>
<tr>
<td>Grand Prairie Township</td>
<td>13</td>
<td>Village of Green Camp</td>
<td>8</td>
</tr>
<tr>
<td>Green Camp Township</td>
<td></td>
<td>Village of LaRue</td>
<td>14</td>
</tr>
<tr>
<td>Marion Township</td>
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<td>Village of Martel</td>
<td>4</td>
</tr>
<tr>
<td>Montgomery Township</td>
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<td>Village of Morral</td>
<td>26</td>
</tr>
<tr>
<td>Pleasant Township</td>
<td>14</td>
<td>Village of New Bloomington</td>
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</tr>
<tr>
<td>Prospect Township</td>
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<td>Village of Prospect</td>
<td>5</td>
</tr>
<tr>
<td>Richland Township</td>
<td>2</td>
<td>Village of Waldo</td>
<td>2</td>
</tr>
</tbody>
</table>

### Mosquito Control

2016-2018

579 Mosquitoes Collected

64 Mosquito Pools Sampled **A mosquito pool is a collection of mosquitoes of any given species or group that are likely to carry/transmit a virus**

2 human cases of West Nile Virus

1 Mosquito tested positive for West Nile Virus

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**Protect yourself from mosquito bites**

- Daytime is most dangerous. Mornings and evenings are also bad times.
- Use insect repellent.
- Wear protective clothes.
- For more information: [cdc.gov](http://cdc.gov)

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![Mosquito Trap Locations](image.png)
Nursing and WIC

The nursing division at Marion Public Health offers a wide array of services to protect the health of Marion County residents. This includes communicable disease investigation, immunizations, and assistance for children with medical handicaps. In addition to that, our WIC staff provide several programs, including smoking cessation, breastfeeding education, and safe sleep. Some of the highlights from their work in 2018 are listed below.

### 2018 Nursing Programs

- Immunizations
- Children with Medical Handicaps
- Communicable Disease prevention and investigation
- Emergency Preparedness
- Medical Reserve Corps
- Lead testing
- Tuberculosis testing
- Sexual Health Clinic (in partnership with Union County Health Department)
- Naloxone distribution
- Clean needle exchange
- Foster Care communicable disease checks

We partner with Union County Health Department to provide a sexual health clinic for Marion County residents. The clinic provides STD testing and treatment, family planning, and other sexual health services. In 2018, the clinic saw 260 clients.

In 2018, we began distributing naloxone to the public as part of a Project Dawn grant. The health department provided the training free to anyone interested in carrying naloxone, which is used to treat drug overdose. In 2018, we distributed 138 kits.
In partnership with ADAMH and Marion Area Counseling Center, we provide a clean needle exchange program as a way to help prevent the spread of communicable diseases such as Hepatitis and HIV. In 2018, we had 40 participant encounters and exchanged 809 needles.

Children with Medical Handicaps

The Children with Medical Handicaps (CMH) program is a tax-supported, state administered program in the Ohio Department of Health. This program was developed to help provide financial assistance to eligible families who have children (under the age of 21) with special health care needs. CMH offers diagnostic services, treatment services, and service coordination. Marion Public Health nurses recognize clients who may meet medical qualifications and provide information and assistance with the application process. Once a child is given a medically qualifying diagnosis and meets financial qualifications they are placed on the treatment program through CMH. All services related to the child’s medical condition can then be billed to CMH.

The nurses at Marion Public Health serve as a liaison between the families and CMH. Each client is assigned a public health nurse who will conduct an initial nursing assessment of the child and follow-up with routine yearly home visits. The nurses also assist in coordinating services and recognizing unmet needs of these families. As family advocates the public health nurse ensures the child receives the medical, social, and financial services they need.

In 2018, MPH had 288 CMPH clients.

Elevated LEAD levels in children’s blood are a major preventable health problem that affects children’s mental and physical health. The higher a child’s Blood Lead Level and the longer it persists, the greater the chance that the child will be affected. Elevated blood lead levels can result in:

- Learning disabilities
- Behavioral problems
- Mental retardation
- Extremely high levels (70 µg/dL or higher) can cause seizures, comas, and even death

In 2018, MPH performed 448 lead tests, 46 of which required follow up due to being too high.

In 2018, MPH conducted communicable disease screenings on all Marion County foster children before they are placed with families. In 2018, we screened 34 foster children.
## 2018 Communicable Diseases

<table>
<thead>
<tr>
<th>Disease</th>
<th>Number</th>
</tr>
</thead>
<tbody>
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<td>21</td>
</tr>
<tr>
<td>Chlamydia</td>
<td>326</td>
</tr>
<tr>
<td>Cryptosporidiosis</td>
<td>12</td>
</tr>
<tr>
<td>E-Coli – enterohemorrhagic (Shiga toxin producing) – Not O157:H7</td>
<td>3</td>
</tr>
<tr>
<td>Giardiasis</td>
<td>5</td>
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<tr>
<td>Gonococcal</td>
<td>74</td>
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<tr>
<td>Hemophilus Influenza (Invasive disease)</td>
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<tr>
<td>Hepatitis A</td>
<td>13</td>
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<tr>
<td>Hepatitis B</td>
<td>25</td>
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<tr>
<td>Hepatitis C</td>
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<td>HIV</td>
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<td>Influenza-associated hospitalization</td>
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<td>Legionnaires</td>
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<tr>
<td>Meningitis-aseptic/viral</td>
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<tr>
<td>Meningitis-bacterial (Not N. meningitidis)</td>
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</tr>
<tr>
<td>Mumps</td>
<td>1</td>
</tr>
<tr>
<td>Salmonellosis</td>
<td>12</td>
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<tr>
<td>Shigellosis</td>
<td>2</td>
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<tr>
<td>Spotted Fever Rickettsiosis, including Rocky Mountain Spotted Fever (RMSF)</td>
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<tr>
<td>Streptococcal-Group A-invasive</td>
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<tr>
<td>Streptococcus pneumoniae-invasive antibiotic resistance unknown or non-resistant</td>
<td>7</td>
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<tr>
<td>Syphilis</td>
<td>5</td>
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<tr>
<td>Varicella</td>
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<td>Yersiniosis</td>
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<tr>
<td><strong>Total</strong></td>
<td><strong>822</strong></td>
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</table>

In 2018, we responded to 6 outbreaks. This included 4 outbreaks of Influenza, 2 outbreaks of Norovirus, and 1 outbreak of Cryptosporidium.

In epidemiology, an outbreak is a sudden increase in occurrences of a disease in a particular time and place. It may affect a small and localized group or impact upon thousands of people across an entire continent. Two linked cases of a rare infectious disease may be sufficient to constitute an outbreak.
Baby and Me Tobacco Free

Our Baby and Me Tobacco Free Program helps women who are currently smoking during pregnancy quit smoking to help improve the chances of having a healthy baby born on time. Women who are enrolled in the Baby and Me Tobacco Free program are eligible to receive monthly vouchers for diapers up until their infant turns 1 year old.

In 2018, we provided 92 sessions and distributed 70 diaper vouchers to pregnant moms who quit smoking.

Immunizations

Total Vaccines given: 2,755
Number of people vaccinated: 1,302
Number of adults vaccinated: 203
Number of children vaccinated: 1099

Immunizations Offered

- Td (Tetanus)
- Tdap (Tetanus, Diphtheria, Pertussis)
- Varicella (Chicken Pox)
- MMR (Mumps, Measles, Rubella)
- Meningitis
- Hep B
- Hep A
- Twinrix (Hep A & Hep B)
- IPV (Polio)
- HPV (human Papilloma Virus)
- Rotavirus
- Prevnar
- Seasonal Flu

Baby Box Program

Making sure that babies have a safe place to sleep can help protect them against sleep related deaths. Through a partnership with the Baby Box Co, we are able to distribute baby boxes to individuals who are currently caring for an infant under 3 months of age, or who are expecting. To make sure your baby is safe while sleeping, it is recommended to have them alone, on their back, and in a crib or bassinet.

In 2018, we distributed 93 baby boxes.

WIC

Total Number of Visits: 7,580
Average Monthly Caseload: 1,835
Creating Healthy Communities (CHC)

Creating Healthy Communities is a grant-funded program through the Ohio Department of Health. The program aims to use cross-sector partnerships to create sustainable, evidence-based strategies to create a culture of health. It is aimed toward preventing and reducing chronic disease by focusing on healthy food access and increased opportunities for physical activity. Marion’s CHC engages a wide variety of local partnerships to implement these strategies.

Policy, Systems, and Environmental Change (PSE)

The CHC program utilizes the PSE model for change. That means that we try to change the policies, systems, and environment to make healthy choices practical and available to all community members. By changing laws and shaping physical landscapes, a big impact can be made with little time and resources. By changing policies, systems, and/or environments, we can help tackle health issues like obesity, diabetes, cancer, and other chronic diseases.

Marion Public Health receives $95,000 in funding directly to the CHC program. Through our coalition, we were able to leverage an additional $558,000 to support healthy living improvements in Marion County. This included new and repaired parks and playgrounds, infrastructure improvements for active transportation, farmers markets, mobile produce distribution, and farm to institution programs. The impact of these initiatives reached nearly 50,000 people in Marion County.

Social Determinants of Health

Where you are born, grow up, live, work, and age all affect your health. The social and economic conditions you experience in your life help to shape your risk of illness and quality of life. These conditions and factors are called social determinants of health. They include things like income, education, socioeconomic position, gender, gender identity, race or ethnicity, sexual orientation, environment, discrimination, access to services, and ability to participate in society. The CHC program, and Marion Public Health as a whole, seek to address these social determinants of health to change our local systems and policies so that people are not blocked from access to good health and opportunities to improve their quality of life.
2018 Staff and Board of Health

**Administration**

Tom Quade, Health Commissioner
Traci Kinsler, Administrator
Lisa Cook, Fiscal Coordinator
Thaddeaus Carter, Administrative Support
Erin Creeden, Health Equity Specialist

**WIC**

Katrina, Harwood, Director
Jessica Woods (current supervisor)
Kelly Corfman, Nutritionist
Stephanie Walton, Nutritionist
Jamie Radcliff, Nutritionist
Barbie White, Service Coordinator
Jenny Scott, Service Coordinator
Dorthey Schweitzer, Peer Helper

**Environmental Health**

Tyler Pigman, Director
Sandy Bridenstine, Sanitarian
Madison Shuert, Sanitarian
Sanimma Silga, Sanitarian
Van Creasap, Sanitarian
Jerry Marquis, Code Enforcement
Michelle Reale, Administrative Support

**Nursing**

Rachel Hill, Director
Hannah Beltz, Nurse
Savannah Wurthmann, Nurse
Emmanuel Vidal, Epidemiologist
Candice Dewitt, Administrative Support

**Board of Health**

Laurie Wise, President
Rob Lill, Vice President
Mick Williams
Tara Dyer
Dick Steven
Mike Thomas
Dr. Suryapraksh Patel