

~2018~

Annual Report



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.

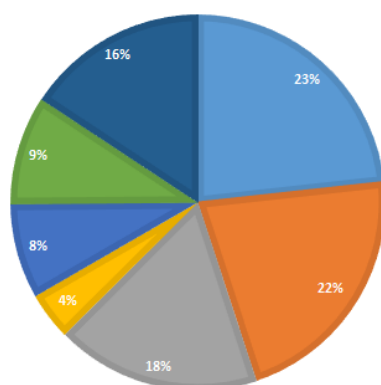


Fiscal Report

Fund	Beginning Balance	YTD Revenue	YTD Disbursed	Ending Balance	Encumbrances	Unencumbered Cash Balance
General Fund 9013	\$210,577.24	\$1,093,233.79	\$995,560.23	\$308,250.80	\$102,560.55	\$205,690.25
Campgrounds 9014	\$9,445.81	\$5,618.00	\$3,510.02	\$11,553.79	\$555.00	\$10,998.79
Private Water 9015	\$18,298.03	\$31,733.00	\$37,402.94	\$12,628.09	\$1,820.50	\$10,807.59
Solid Waste 9016	\$40,192.65	\$46,137.87	\$54,839.14	\$31,491.38	\$0.00	\$31,491.38
Nursing 9017	\$182,191.54	\$236,270.28	\$315,163.46	\$103,298.36	\$41,343.93	\$61,954.43
Food Service 9018	\$121,608.02	\$129,149.80	\$154,583.67	\$96,174.15	\$17,855.14	\$78,319.01
WIC Contingency 9033	\$19,003.03	\$0.00	\$5,773.11	\$13,229.92	\$0.00	\$13,229.92
Pools 9050	\$20,212.28	\$19,458.00	\$21,832.37	\$17,837.91	\$670.00	\$17,167.91
CFHS Grant 9078	\$22,904.86	\$72,200.35	\$43,323.69	\$51,781.52	\$0.00	\$51,781.52
MRC Grant 9090	\$26,930.89	\$0.00	\$18,826.72	\$8,104.17	\$1,188.98	\$6,915.19
Handicapped Needs Fund 9142	\$4,425.86	\$0.00	\$0.00	\$4,425.86	\$0.00	\$4,425.86
Sewage 9152	\$76,401.90	\$275,293.70	\$256,239.38	\$95,456.22	\$12,315.86	\$83,140.36
WIC Grant 9202	\$47,535.02	\$405,177.76	\$381,561.25	\$71,151.53	\$5,445.06	\$65,706.47
Moms Quit Grant 9211	\$6,812.92	\$33,749.80	\$26,482.00	\$14,080.72	\$5,006.78	\$9,073.94
CHC grant 9213	\$27,504.66	\$95,643.96	\$83,991.48	\$39,157.14	\$81.74	\$39,075.40
Facility 9227	\$252,321.09	\$218,190.67	\$250,321.05	\$220,190.71	\$108,352.51	\$111,838.20
Tattoos 9237	\$2,838.88	\$816.00	\$2,177.11	\$1,477.77	\$0.00	\$1,477.77
IAP Grant 9241	\$12,139.20	\$0.00	\$0.00	\$12,139.20	\$0.00	\$12,139.20
PHEP Grant 9243	\$20,724.04	\$88,926.86	\$55,602.71	\$54,048.19	\$18,208.96	\$35,839.23
Total	\$1,122,067.92	\$2,751,599.84	\$2,707,190.33	\$1,166,477.43	\$315,405.01	\$851,072.42

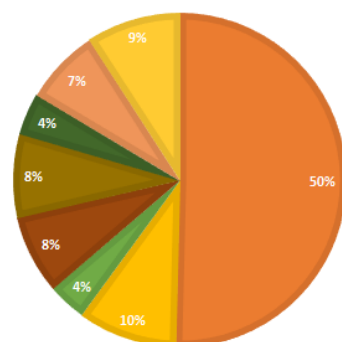
2018 REVENUE: \$2,751,600

■ Tax Support ■ Grants ■ Fees & Licenses ■ Clinical Services ■ Contracts ■ Advances & Transfers ■ Other



2018 EXPENSES: \$2,707,190

■ Personnel ■ Remittance ■ Other ■ Facility ■ Contracts ■ Supplies, Equipment, Travel, Advertising ■ Mortgage/Utilities ■ Advances & Transfers



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



Private Water Systems

Inspections: 45

Permits Issued: 58

Sewage

Evaluations and Inspections: 275

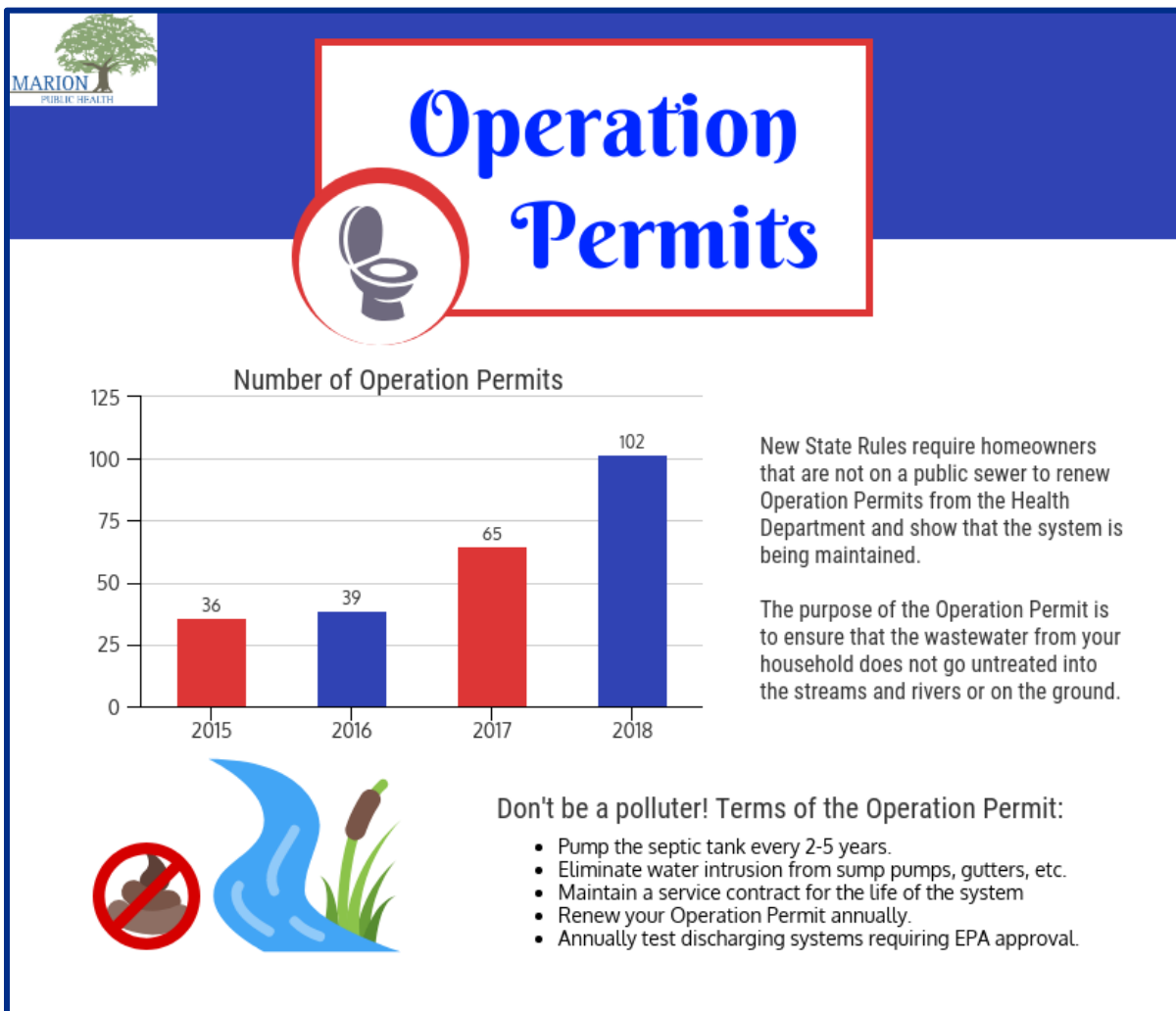
Permits Issued: 89

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.



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.

be food safe.



clean. separate.
cook. chill.

www.befoodsafe.ca



Routine — FOOD — Inspections

Each year roughly one out of six Americans (that's 48 million people) get sick, 128,000 are hospitalized, and 3,000 die from food borne diseases.

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 41F or below and hot foods must be held 135F 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

City of Marion	655	Salt Rock Township	1
Big Island Township	4	Scott Township	2
Bowling Green Township	2	Tully Township	5
Claridon Township	2	Waldo Township	5
Grand Township	2	Village of Caledonia	3
Grand Prairie Township	13	Village of Green Camp	8
Green Camp Township		Village of LaRue	14
Marion Township	31	Village of Martel	4
Montgomery Township	2	Village of Morral	26
Pleasant Township	14	Village of New Bloomington	5
Prospect Township	1	Village of Prospect	5
Richland Township	2	Village of Waldo	2

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

Protect yourself from mosquito bites



Daytime is most dangerous
Mosquitoes that spread chikungunya, dengue, and Zika are aggressive daytime biters. They can also bite at night.



Use insect repellent
It works!
Look for the following active ingredients:
• DEET • PICARIDIN • IR3535



Wear protective clothes
Wear long-sleeved shirts and long pants and use insect repellent. For extra protection, treat clothing with permethrin.



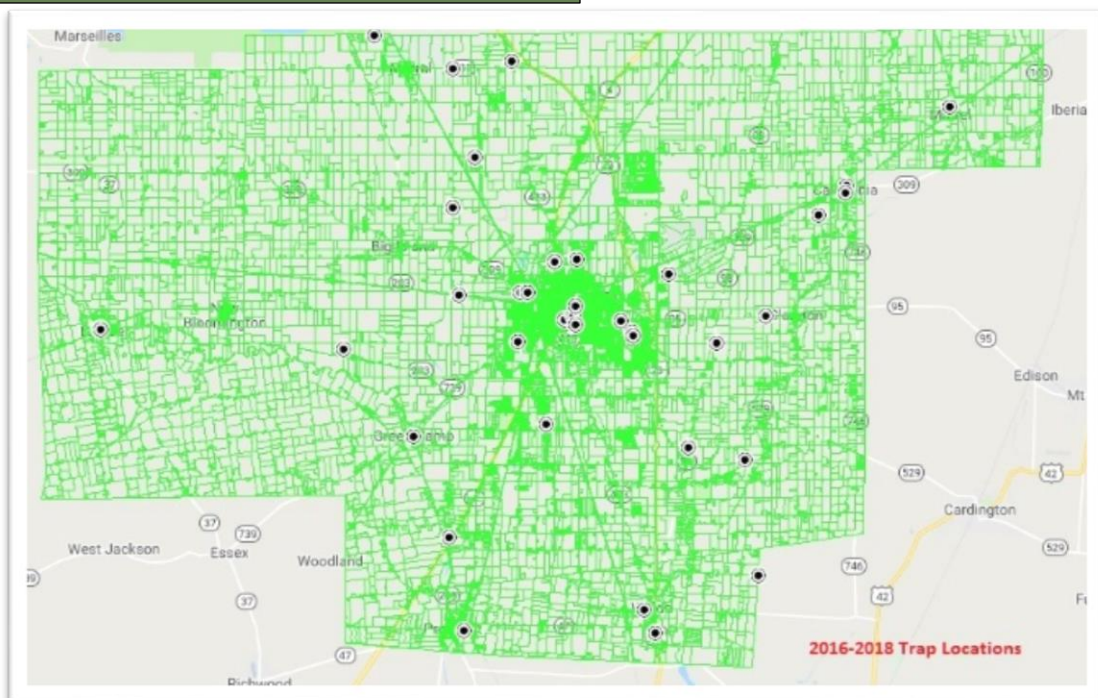
Mosquito-proof your home
Use screens on windows and doors. Use air conditioning when available. Keep mosquitoes from laying eggs in and near standing water.

For more information:

www.cdc.gov/chikungunya • www.cdc.gov/dengue • www.cdc.gov/zika



U.S. Department of Health and Human Services
Centers for Disease Control and Prevention



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.

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

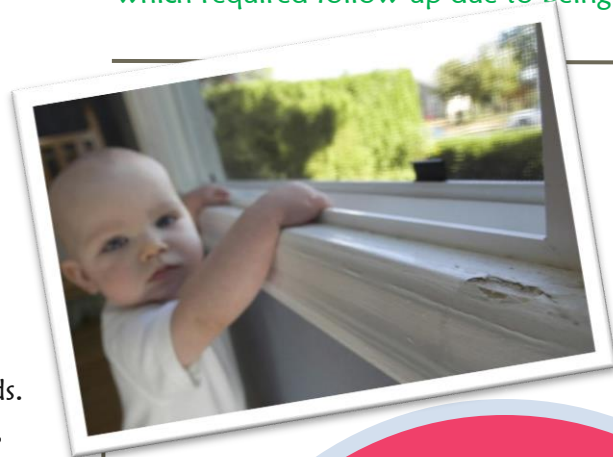
In 2018, MPH performed 448 lead tests, 46 of which required follow up due to being too high.

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 medial 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.



MPH conducts 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

Disease	Number
Campylobacteriosis	21
Chlamydia	326
Cryptosporidiosis	12
E-Coli – enterohemorrhagic (Shiga toxin producing) – Not O157:H7	3
Giardiasis	5
Gonococcal	74
Hemophilus Influenzae (Invasive disease)	1
Hepatitis A	13
Hepatitis B	25
Hepatitis C	169
HIV	3
Influenza-associated hospitalization	127
Legionnaires	2
Meningitis-aseptic/viral	7
Meningitis-bacterial (Not N. meningitidis)	1
Mumps	1
Salmonellosis	12
Shigellosis	2
Spotted Fever Rickettsiosis, including Rocky Mountain Spotted Fever (RMSF)	1
Streptococcal-Group A-invasive	2
Streptococcus pneumoniae-invasive antibiotic resistance unknown or non-resistant	7
Syphilis	5
Varicella	2
Yersiniosis	1
Total	822

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.

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



Infant Safe Sleep



Baby sleeps safest alone, on their back, in a crib.

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.

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.

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.



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.



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.

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

Board of Health

Laurie Wise, President

Rob Lill, Vice President

Mick Williams

Tara Dyer

Dick Steven

Mike Thomas

Dr. Suryaprakash Patel

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

