
MONTGOMERY COUNTY
HEALTH DEPARTMENT

Annual Report 2017



Public Health
Prevent. Promote. Protect.

Montgomery County
Health Department
110 West South Boulevard
Crawfordsville, IN 47933
765.364.6440

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Mission:

To improve individual and community health in Montgomery County through prevention, education, and partner collaboration

Vision:

Individuals enjoy improved quality of life through healthy, vibrant, and invested communities

The overarching theme of public health is to prevent disease through any means necessary in order to sustain a healthy community. The goal of disease prevention is achieved through detection, investigation, remediation, and/or containment in Montgomery County. This is achieved by health safety measures, education, and coordination with other local, state, and federal agencies. Services that support the essential functions of Public Health provided by the Montgomery County Health Department are as follows:

Community Preparedness

The health department has a fully developed Community Preparedness Plan that allows us to properly respond to all community health emergencies while continuing required daily operations of the health department. MCHD works in conjunction with other local and state first responder agencies to plan, and conduct, trainings and drills to better protect the residents of Montgomery County.

Environmental Health

The Environmental Health Division of the health department provides oversight, inspection, investigation, and remediation related to septic repair and installation, retail food establishment food safety, vector control, public and semi-public pool inspections, and water lab providing bacteria testing for both drinking and swimming water.

Health Education

Our Health Education division was newly established in 2015. This division provides information or resource needs for individuals and/or groups, as well as, public education on many health related topics such as diabetes, maternal health, communicable diseases, prescription drug abuse, and proper Sharps disposal. We provide case management and oversight to our "Unfit for Human Habitation" family program. This program provides an alternative to being displaced due to non-compliance and focuses on healthy habits and training with support from educator.

Immunizations and Nursing

Partnering with Dr. Mary Ludwig Free Clinic, the health department provides childhood immunizations free of charge through the Indiana Vaccines for Children program. Child and adult vaccines at the health department are available for free with uninsured eligibility. Tuberculosis testing and case management for latent and active tuberculosis cases, sexually transmitted infections (STI's), and flu clinics are included as services offered by the health department. The role of the Public Health Nurse is to care for an entire population, as opposed to one patient at a time. The community becomes the patient. Caring for the community happens through health education, safety, and access to health services. Public Health Nurses draw on their training as registered nurses to give reliable, useful information to individuals and community organizations.

Based upon data collected, collaboration between local, state, and federal entities, our department identifies and determines the initiation and implementation of interventions that prevent, promote, and protect the health of the community.

Vital Records

Birth and death records of all those who were born in or died in Montgomery County are kept at the health department with records dating back to 1882. Certified copies of these records can be obtained with proper identification and a small fee.

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Public Health
Prevent. Promote. Protect.

Montgomery County Health Department can be found online at any of the following:

Website: www.montgomerycounty.in.gov/health

Facebook: [facebook.com/MontCoHealth](https://www.facebook.com/MontCoHealth) Twitter: [@MontCoHealthDep](https://twitter.com/MontCoHealthDep)

A message from our Health Officer:

I hope it is evident in our annual report that your Montgomery County Health Department is making significant advances to improve the individual and community health in Montgomery County through prevention, education and partner collaboration.

Your Health Department has a committed staff who, in 2017, aggressively initiated new programs, expanded current services and reached out to community partners to improve health and safety.

In 2017 we initiated a Sexually Transmitted Infection (STI) program to screen for Gonorrhea (GC), Chlamydia (CT), Hepatitis C (HCV), and Human Immunodeficiency Virus (HIV); expanded our vaccination program to include under- insured adults; accelerated our opioid abuse education and made life saving emergency naloxone treatment kits available to the public; worked closely with the new Community Paramedicine Program; and launched a Human Papilloma Virus (HPV) vaccination awareness campaign among many other quality improvement initiatives and partner collaborations.



I am grateful to the hard work of our Administrator Amber Reed and her dedicated and enthusiastic staff, the Montgomery County Health Board, and to our many partners in the community who share our vision.

We sincerely hope to improve the health of every person living , working, or passing through Montgomery County. We hope to have our hard work validated by becoming one of the first few Health Departments in Indiana to be Accredited this year by the Public Health Accreditation Board and in so doing we hope to reflect credit upon Montgomery County.

Scott K. Douglas, MD

A message from the Administrator:

As 2017 started this department had just finalized the submission of documentation for National Accreditation to the Public Health Accreditation Board (PHAB). This arduous process led to significant growth and development in our department. We identified areas of strength and opportunities for improvement.

With the PHAB standards and measures in mind we worked to address our opportunities for improvement through the incorporation of Quality Improvement goals, Strategic Planning objectives, Workforce Development needs, and Performance Management tools. We endeavored throughout the year to evaluate new and existing programs, policies, and procedures to ensure they reflected the needs of the community and incorporated necessary improvements without interruption to necessary services. We committed to developing a culture of quality in our efforts and to apply health equity to all programs and initiatives moving forward.



We firmly believe that by collaborating with community stakeholders and partners that we can accomplish more and do so in a more efficient manner. We are committed to supporting our current partners in their efforts and identifying new opportunities for collaboration with others. We have seen the benefits of such collaboration through programs like the Community Paramedicine Program spearheaded by Crawfordsville EMS in an effort to address population health and access to care issues. Our collaboration with higher education institutions like Wabash College and Purdue University allow us to provide opportunities to students but also keep us on the forefront of public health advancements and tap into a impressive pool of talent.

While all of the things mentioned may have been attainable without our pursuit of National Accreditation, they have most certainly been strengthened. This process has ensured our focus is always on the specific needs of our community and they are tied directly to the 10 essential services of Public Health.

Amber D Reed

2017 Accreditation Progress

The Montgomery County Health Department initiated the process of voluntary Public Health Accreditation in July 2015. 2017 marked the beginning of the evaluation phase for compliancy of the documentation submitted in 2016.

The review process took roughly 6 months and a site visit was scheduled and held August 22-23, 2017. During the visit, the 3 person team met with team members individually as well as group meetings with Community Partners and Board members. This visit provides an opportunity to verify documentation and see the department beyond the paper that represents them. This team then compiled a site visit report that was submitted to the PHAB Decision Board in November of 2017. Our report indicated that we were 86% fully or largely demonstrated against the established standards and measures. The PHAB board notified us that we were not deemed accredited at this time and requested we create an action plan to further demonstrate 7 measures they identified.

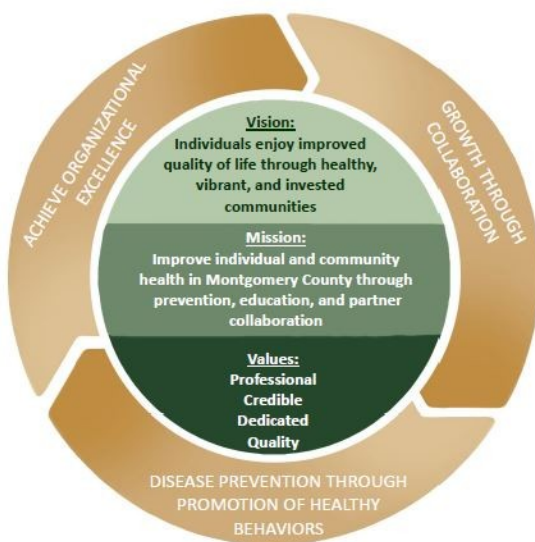


*Helping raise the standard
for public health.*

Our action plan will be submitted in late February 2018. Once the action plan is approved we will have 1 year to provide supporting documentation and receive a secondary review for Accreditation. Our department is very pleased to have received such high markings from the site visit team and review board. The staff and all our stakeholders worked very hard. We are grateful for the experiences this process has provided and the results that our community will benefit from for years and generations to come.

2016 - 2020 Montgomery County Health Department Strategic Plan

MCHD rolled out its first ever formal strategic plan in April 2016. Strategic planning relies on an inclusive development process with broad input from all levels of an organization, external stakeholders, including governing agencies. Developing the strategic plan for the Montgomery County Health Department took roughly seven months beginning in October 2015.



There are 3 Strategic Priorities identified within this plan: **ACHIEVE ORGANIZATIONAL EXCELLENCE - GROWTH THROUGH COLLABORATION - DISEASE PREVENTION THROUGH PROMOTION OF HEALTH BEHAVIORS.** With these priorities in mind, goals and objectives to obtain them were identified with measurable timelines to ensure completion and accountability. The priorities are intended to reflect our Mission, Vision, and Values and we work to ensure these important elements are at the center of every effort of this department. To date, we have accomplished roughly 50% of the goals set and continue to work towards achieving those remaining. Adjustments to the plan are made if and when necessary through the review and evaluation process. This plan and the progress made was managed through manual tracking.

Late in 2017 a performance management tool, aptly named **VMSG** for *Vision, Mission, Services, and Goals* was identified and implemented department wide. This tool allows us to visually monitor and assess our progress for multiple department and community plans. It also allows us to share information with board members and community partners.

Montgomery County Health Department Budgets

Fund Name	Fund Type	Fiscal Year 2017
Health Fund	Tax Levy	\$ 171,828.26
Local Health Maintenance Fund	State Grant	\$ 33,139.00
Local Health Department Trust Account	State Grant	\$ 22,230.16
Sharps / Prescription Drug Task Force	Local Mini Grant	\$ 1,500.00
Public Health Preparedness	State Pass-Through Grant	\$ 14,515.00
Public Health Education	Montgomery County Community Foundation	\$ 15,540.00

Explanations of Budgets and Grant Funds

2017 Health Fund and Tax Levy

The Health Fund is the primary source for funding for the Health Department. This fund is supplemented by a Tax Levy as well as fees for services provided such as food permits, water lab testing, septic permits, vaccinations, and vital records.

2017 Local Health Maintenance Grant Funding

The Local Health Maintenance Grant is provided by the Indiana State Department of Health for use as a supplemental funding source for the health department. The funding is based on population size and is provided to every county in Indiana.

2017 Local Health Trust Account Grant Funding

The Local Health Trust Account was formerly called the Tobacco Settlement. Funds for this grant are provided through a settlement with tobacco companies to assist in smoking cessation and education. It was decided by lawmakers that these funds should be utilized to assist health departments in other areas as long as they support the mission of the health department and meet the requirements of the grant.

2017 Prescription Drug Task Force Funding

The Prescription Drug Task Force Grant is provided by the Montgomery County Drug Fee Coalition. The Health Department manages this budget on behalf of the Prescription Drug Task Force. The funds are utilized for education in all three county schools, printing and advertising of drug take back information and contracted services which covers overtime by law enforcement to oversee take back events.

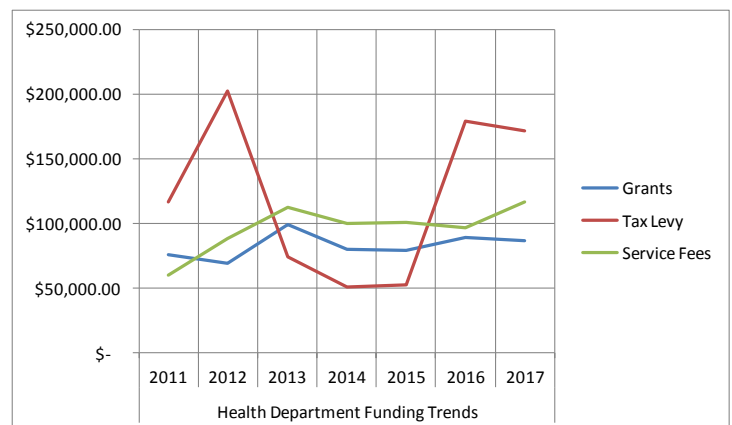
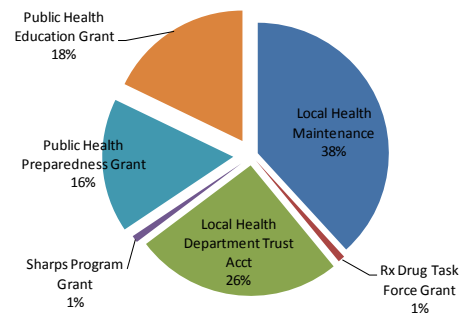
2017 Public Health Education Funding

This grant is provided through the Montgomery County Community Foundation. This allows our office to provide intern opportunities to college students who work on Public Health Education, campaigns, programs, and materials.

2017 Preparedness Funding

The Preparedness Grant requires compliance with established criteria and standards to assess readiness based on guidelines established by the CDC. This annual grant is considered a "pass through" managed by the Indiana State Department of Health with funds provided by the CDC.

2017 Grants Funds



2017 Report of Collections

Health Department Service Fees Distribution to Funds

The Health Department collects fees for services such as food permits, septic permits, birth and death records, water testing, and immunizations. These fees are distributed monthly to the different budgets managed by the health department with the exception of Coroner Continuing Education Fund. This disbursement is mandated by the state and calculated based on number of death records issued. These funds assist in supporting the efforts of health department programs where costs for services are not applicable.

Health Fund

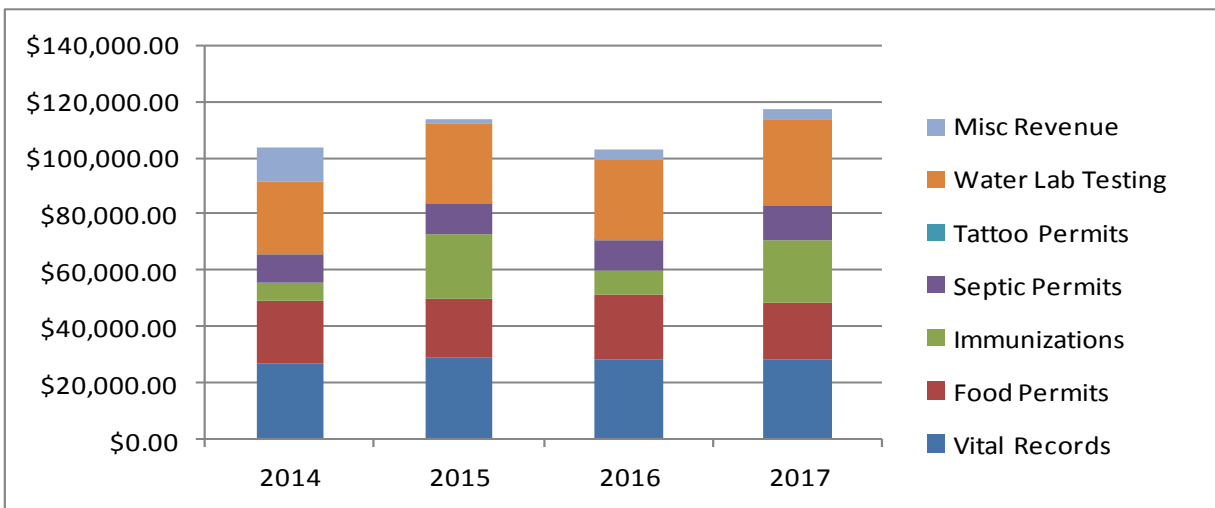
Local Health Maintenance

Coroner Continuing Education Fund

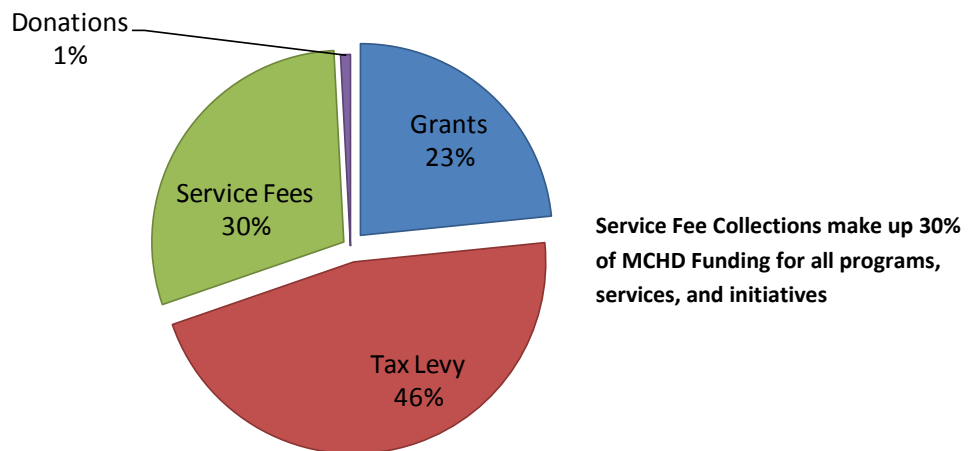
\$112,109.50

\$5,518.60

\$4,120.00

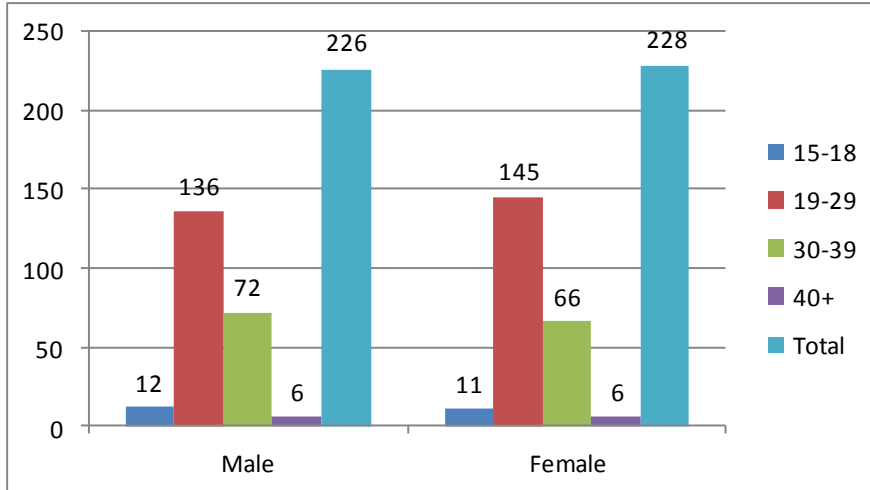


2017 Allocation of Revenues



2017 Vital Statistics

Montgomery County Births



Montgomery County may not have a delivery hospital but there were a total of 454 births to mothers who reside within our county. There were also 3 homebirths (1 female and 2 male) recorded in Montgomery County for 2017. Through partnerships with programs like the Paramedicine program, our department strives to find opportunities to make improvements in the infant mortality rates for our county.

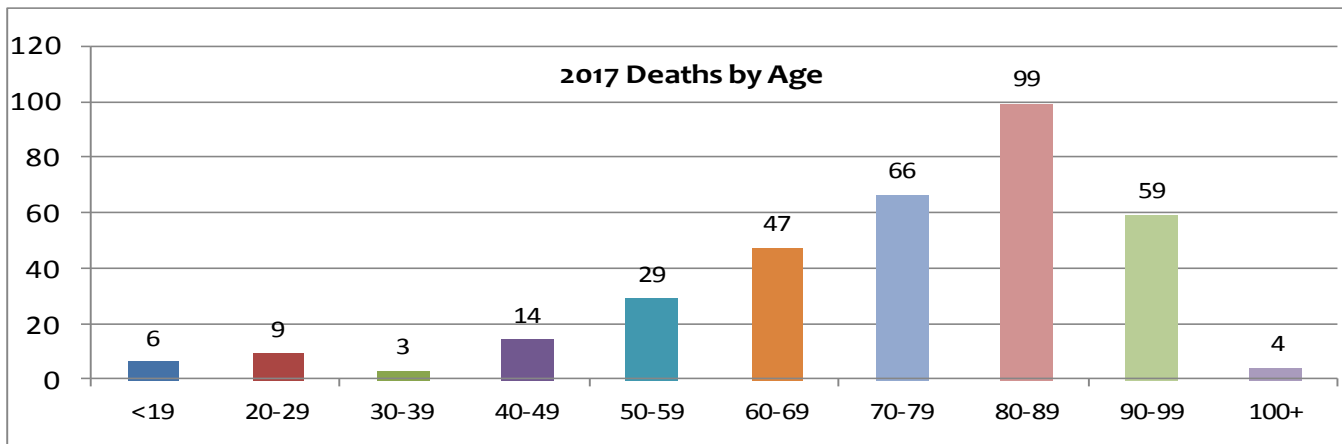
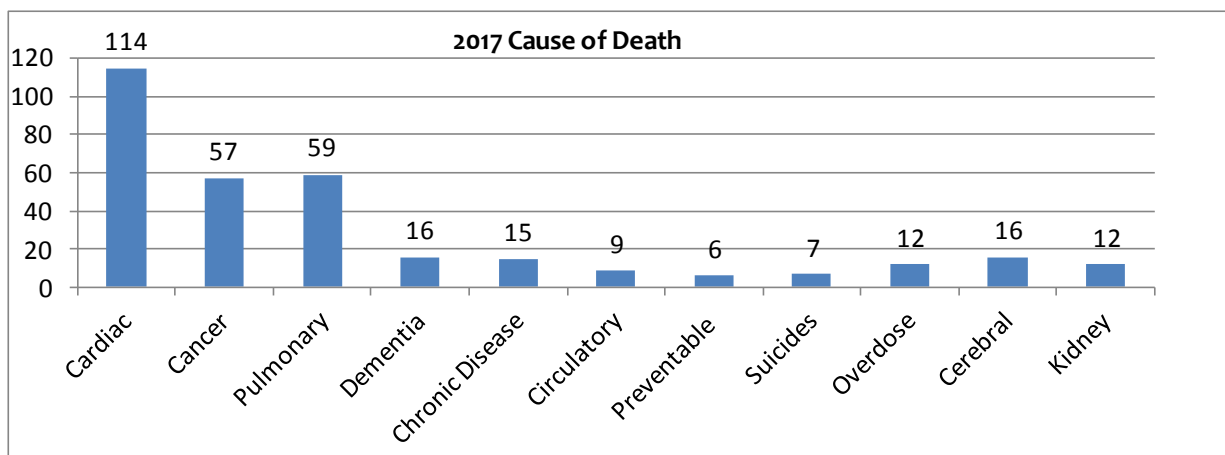


CHART 1—Montgomery County recorded 336 deaths during 2017. As noted in the chart 1, there were 141 deaths recorded that are deemed premature. Premature Death is the years of potential life lost before age 75 (YPLL-75). Every death occurring before the age of 75 contributes to the total number of years of potential life lost. For example, a person dying at age 25 contributes 50 years of life lost, whereas a person who dies at age 65 contributes 10 years of life lost to a county's YPLL. The YPLL measure is presented as a rate per 100,000 population and is age-adjusted to the 2000 US population. (See reference page—CHART 1)

CHART 2—Top 10 causes of death for Montgomery County residents corresponding with data trends shown in the Indiana Indicators dashboard. (See reference page—CHART 2)



Annual 2017 Nursing Report

The health department is responsible for monitoring health trends within its community. It is an essential function of this department in order to protect the health of its residents. The Nursing division is the recipient of multiple surveillance reports regarding communicable disease, sexually transmitted infections, and lead reports to name a few. We rely on data to develop and implement programs that protect health and ensure safety. Case investigations and interventions are facilitated and managed by the health nurse.

Montgomery County Health Department is active on several committees and boards throughout Montgomery County to ensure that matters of public health concern are properly addressed and reviewed by the health department. The Public Health Nurse and Health Educator sit on the Crawfordsville School Corporation Health Education Committee (formerly Aids Advisory) and the Montgomery County Free Clinic Board of Directors.

Opportunities to educate the community comes in many forms offered by the public health nurse, Brezie Hughes RN-BSN.

MCHD AND MONTGOMERY COUNTY FREE CLINIC COLLABORATIONS

EXPANDED VACCINE PROGRAM FOR 2017



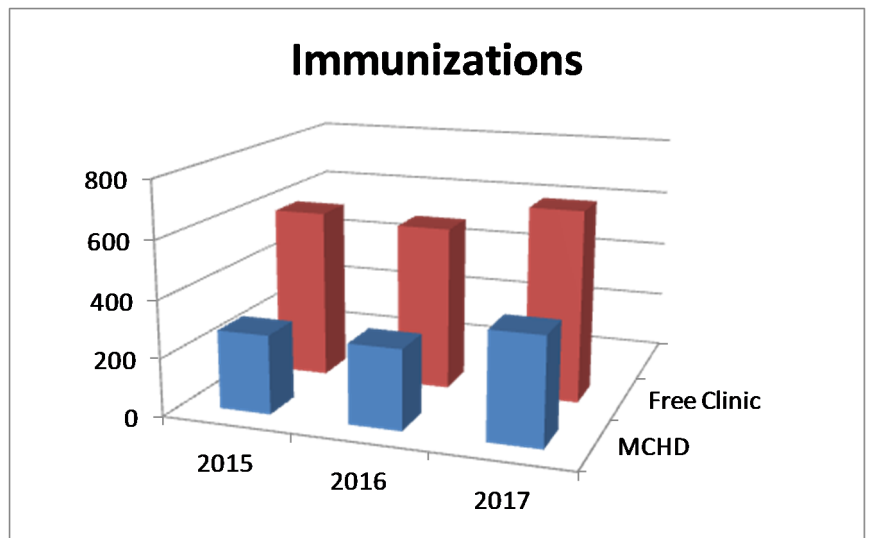
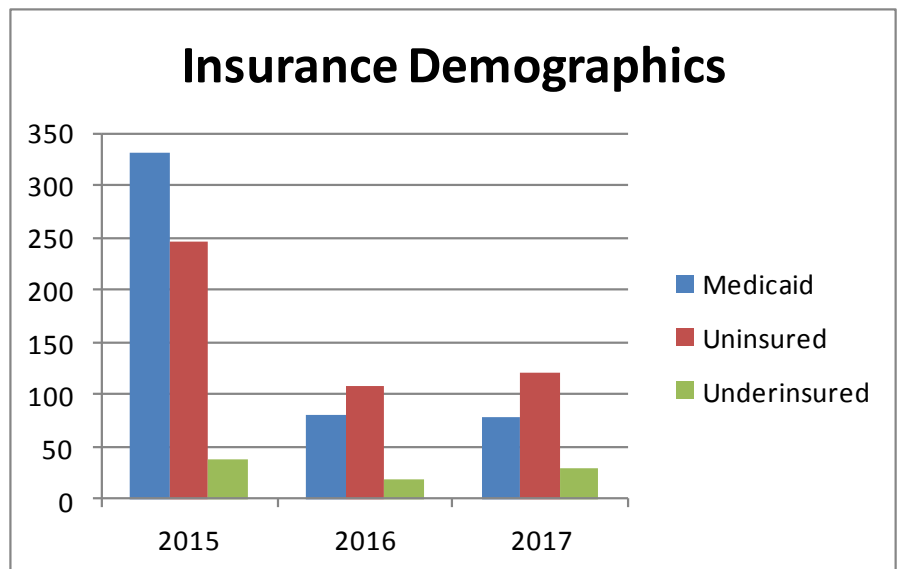
Immunizations for infants and children administered through the Mary Ludwig Clinic had consistently decreased over the last four years. For the first time in four years our numbers have increased.

The MCHD launched the Adult 317 program in August of 2017 offering vaccines for free to those 19 and over without insurance or underinsured at the health department.

Underinsured includes those that have insurance but their insurance does not cover vaccinations. In addition, the MCHD now offers VFC vaccines for children in the office as well.

The VFC vaccines are for those 18 and younger on Medicaid, no insurance, under insured, or Alaskan / native heritage. This has given parents more flexibility in getting their children in to receive vaccinations as we accept walk-ins and are open M-F 8-4:30 pm.

Immunizations for youth and adults of Montgomery County



Prepared by: Brezie Hughes, R.N., B.S.N.

Annual 2017 Nursing Report Cont.

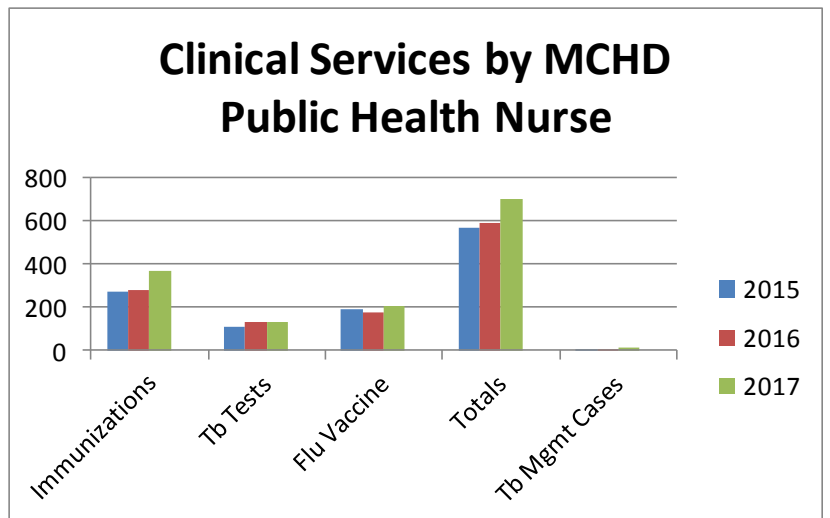
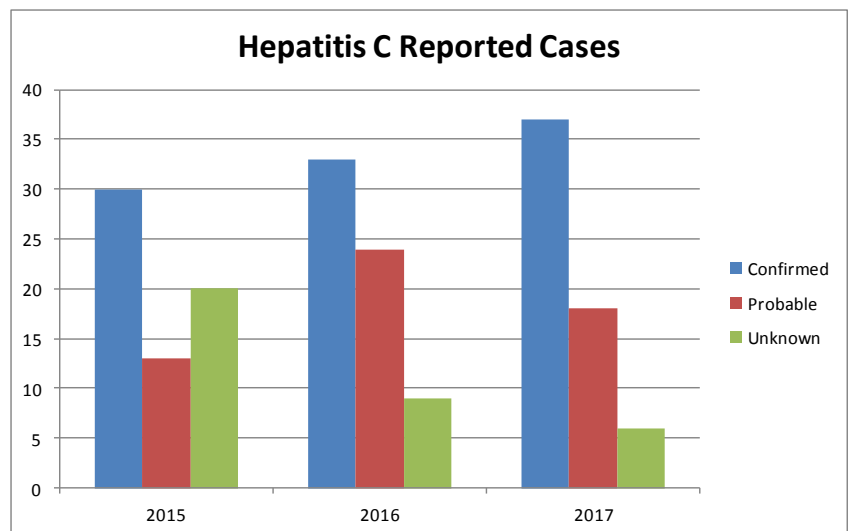
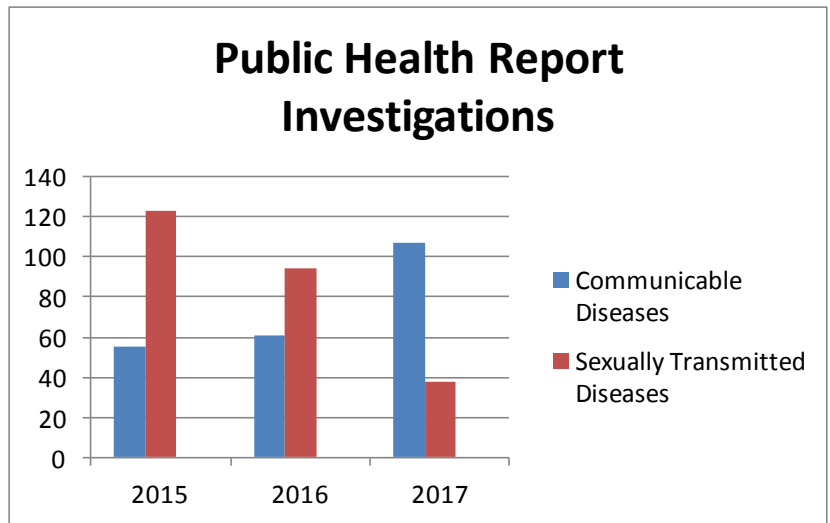
Communicable Disease Investigations

Investigations of reportable communicable diseases are designated as a confirmed or probable case and require a confirmatory lab test. Indiana State Department of Health and the Center for Disease Control (CDC) require investigations on all communicable diseases. Communicable Diseases are classified as confirmed, probable, suspect, or not a case. Most often routine lab tests ordered will report the presence of antibodies. Antibody tests require another test for confirmation to be classified as a positive confirmatory lab test. Many individuals do not return for the confirmatory test. Therefore, the classification of the disease is only suspect. As a result, follow up care is not initiated.

Hepatitis C and HIV

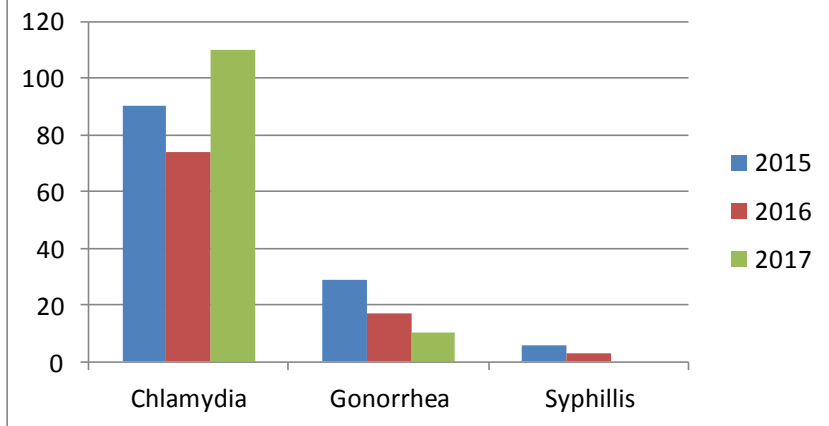
Hepatitis C virus, or Hep C, is most commonly contracted through exposure to infected blood. Most commonly Hep C is transmitted through sharing contaminated needles, unlicensed / home-based tattooing, less often sexual activity, and through birth from infected mothers. People with HIV infection are at higher risk for hepatitis (B and C). In the United States, 25% of HIV infected people are also infected with Hep C. Chronic Hep C is often silent and many people can have the infection for decades without symptoms. Liver disease and liver cancer are the most serious side effects of Hep C infections. A vaccine for Hep C has not been developed [1].

[1.] www.cdc.gov/hiv/pdf/library_factsheets_hiv_and_viral_hepatitis.pdf



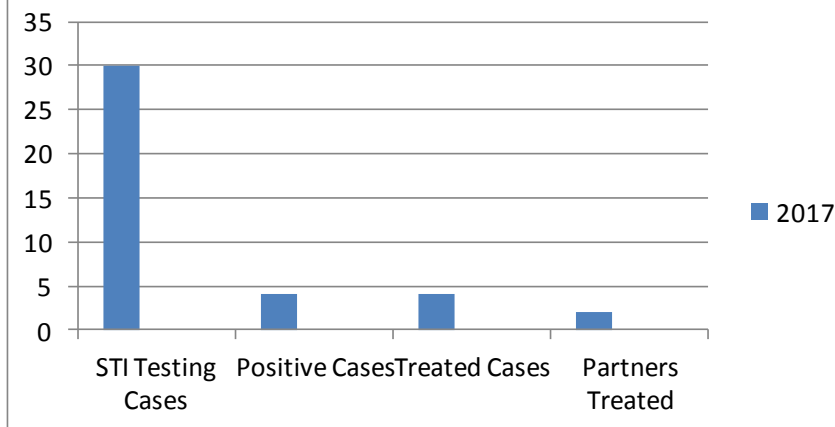
Annual 2017 Nursing Report Cont.

Sexually Transmitted Infections



EVERY 9½ MINUTES, SOMEONE IS INFECTED WITH HIV IN THE UNITED STATES

MCHD Free STI Testing



MCHD STI Testing - New for 2017

Sexually Transmitted Infections (STI's) are a big concern for the United States as the CDC estimates that nearly 20 million new sexually transmitted infections occur every year resulting in \$16 billion in healthcare costs yearly. Many STI's go unreported and undiagnosed which in turn shows that the data collected is only a fraction of what our true STI burden is. Antibiotics can cure Chlamydia, Gonorrhea, and Syphilis. If left untreated, they put men, women, and infants at risk for severe, lifelong health outcomes like chronic pain, severe reproductive health complications, and HIV. Those who cannot get care for their STI's have short term and long term health consequences and are more likely to transmit the infection to others.

Investigations of sexually transmitted infections continue to outnumber other communicable disease investigations annually. **Montgomery County Health Department** believes also that the numbers of STI's are under reported due to limited access to confidential testing facilities locally. We are proud to now offer free screening for Gonorrhea and Chlamydia at **MCHD** M-F from 8am-4pm with walk-ins accepted.

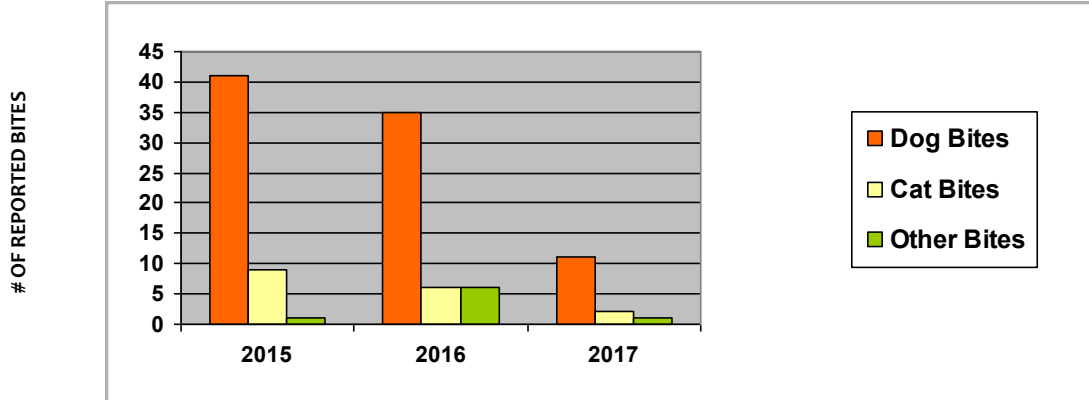
Bibliography

2016 *Sexually Transmitted Diseases Surveillance*. (2017, September 26). Retrieved March 12, 2018, from Centers for Disease Control and Prevention: <https://www.cdc.gov/std/stats16/Gonorrhea.htm>

Youth Sexual Health In Montgomery County

- ⇒ 41.7% of all Indiana high school students have had sexual intercourse. This percentage jumps from 19.8% of 9th graders to over 67% of 12th graders (Indiana - YRBS, 2015).
- ⇒ Nearly 9% of all Indiana high school students have had sexual intercourse with 4 or more persons in during their life. This percentage jumps from 4.1% of 9th graders to 15.7% of 12th graders (Indiana - YRBS, 2015).
- ⇒ Over 50% of Indiana high school seniors were currently sexually active. Being sexually active is having sexual intercourse with at least one person during the three months before the survey (Indiana - YRBS, 2015).
- ⇒ Only 53% of sexually active Indiana high school students used a condom during the last sexual intercourse. This number drops from 62% of 10th graders to only 46% of 12th graders (Indiana - YRBS, 2015).

201 BITE REPORT INFORMATION



- 11 Dog Bites Reported
- 3 Feline Bites Reported
- Other: 1 Raccoon

2017 COMPLAINT CASE REPORTS

The Montgomery County Health Department follows up on complaints and reports that are called into our office by the general public, community agencies, and organizations. In 2017 a total of 164 reports and complaints were filed with the MCHD. The majority of complaints were related to housing issues, food establishments, and septic issues. Other cases that are often filed pertain to mosquitoes, yard waste, illegal dumping/burning, rodents, smoking and other miscellaneous issues. MCHD works diligently with other community

The average number of times MCHD follows up with a case averaged 2 visits per case. In 2017 MCHD had 28 cases that were considered repeats from previous years based on the same property, food establishments, etc.

Case Timeframe*	11.8
Repeat Violators	28
# of visits per case**	2

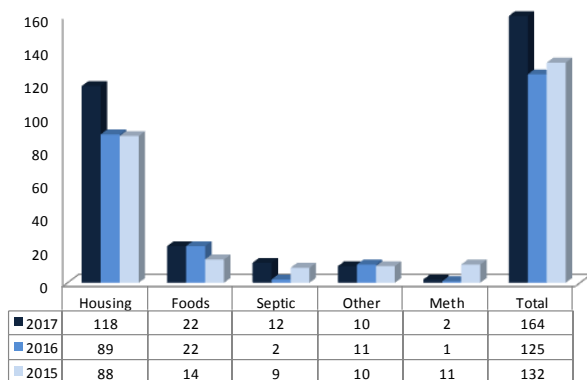
Chart 1.2

* Average number of days between opening and closing a case

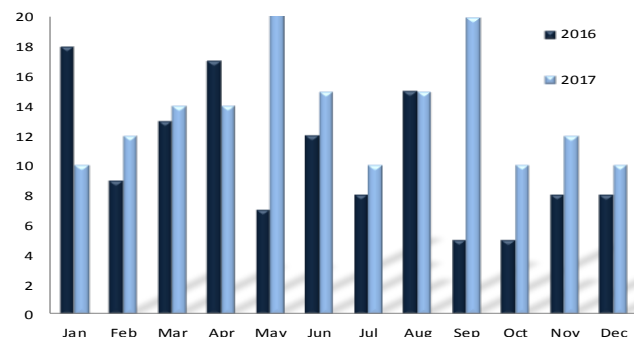
** Average number of visits made per case.

Graph 1.1 represents the difference in cases from years 2015 to 2017. The graph shows that MCHD had an increase in housing complaints and reports in 2017.

Graph 1.3 shows the difference between 2016 and 2017 monthly case counts. In 2017, May and September were the busiest months for filing case reports.



Graph 1.1 top 5 cases reported to MCHD



Graph 1.3 monthly case counts

2017 Foods Report

Montgomery County Health Department conducts inspections for retail food establishments (includes restaurants, groceries, and gas stations), temporary and seasonal permit holders, Farmer’s Market, festivals, and special events permit holders to ensure that the Indiana State Food Code is being followed and that safe food practices are in place. In 2016 we implemented a quality improvement plan to help with time efficiency on doing inspections, identifying which establishments need more than two inspections based on violations, and identifying training areas inside the establishments with high turnovers in employees and food safety concerns.

Montgomery County Health Department offers voluntary basic food training to local establishments that have a high turnover rate in employees, and establishments with young/inexperienced employees upon request.

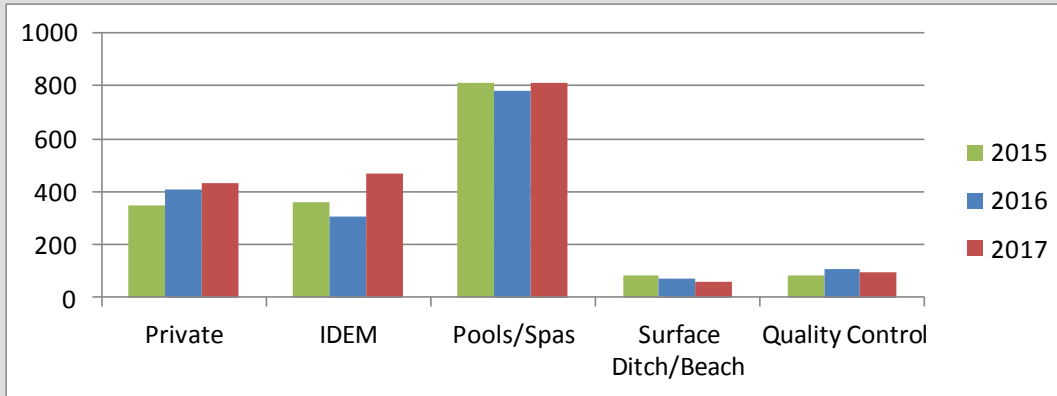
INVESTIGATIONS	2015	2016	2017	INSPECTIONS	2015	2016	2017
Food Tampering investigations	3	1	0	School Kitchen Inspections (15)	30	30	30
CLOSURES	2015	2016	2017	Retail Food Establishment Inspections	172	257	162
Establishment Closures	10	14	13	Fraternity Kitchen Inspections (9)	9	18	9
Health Department Closures	2	0	1	Re- Inspections	25	11	12
PERMITS ISSUED	2015	2016	2017	Farmers Market Inspections	44	38	48
Retail Permits	154	151	150	NEW ESTABLISHMENTS	2015	2016	2017
Seasonal/Temporary permits	57	53	42	New Plan Reviews	13	16	14
Farmers Market Permits	32	27	24	New Opening	13	16	14
Non-for-profit Permits	19	12	7	Mobile Food Truck	1	0	0

Top 10 Food Establishment Violations

VIOLATIONS	2016	VIOLATIONS	2017
Sec. 256: Function of temperature measuring devices.	64	Sec. 256: Function of temperature measuring devices.	32
Sec. 295: Equipment food-contact surfaces, nonfood-contact surfaces, and utensils	56	Sec 295: Equipment food-contact surfaces, non-food-contact surfaces and utensils	33
Sec. 177: Food storage	34	Sec 138: Effectiveness of hair restrains	17
Sec. 298: Cooking and baking equipment (clean)	33	Sec 430: Repairing premises	16
Sec: 174: Food storage containers; identified with common name of food	27	Sec 177: Food storage (food covered, food off floor)	16
Sec. 136: Eating, drinking or using tobacco	25	Sec 243: Single-service and single-use articles	14
Sec. 291: Sanitizing solutions, testing devices	23	Sec 291: Sanitizing solutions, testing devices	13
Sec. 243: Single-service and single-use articles	23	Sec 298: Cooking and baking equipment (cleaned & sanitized)	12
Sec. 297: Not potentially hazardous food contact surfaces cleaning frequency	17	Sec 431: Physical structure; cleaning frequency	9
Sec. 187: Potentially hazardous food for hot and cold holding	15	Sec 191: Date marking ready to eat food	8

2017 WATER LAB INFORMATION

The Montgomery County Health Department provides water testing specifically for coliform bacteria and E. coli. Montgomery County Health Department's Microbiology Water Lab is certified by the Indiana State Department of Health. Water testing services are offered for Private Wells, Public Water, Pools and Spas, Surface Ditch Water, Lakes/Bathing Beaches. A variety of quality control tests including Present/Absence tests, Heterotrophic Plate tests, and Quantitative tests are available. The Montgomery County Health Department also reviews test results that are sent to us from various other labs, including pool samples, drinking water bacteria samples, fluoride samples, and nitrate samples.



Of the 1800 + water samples tested in 2017, **18% (~240) resulted in unsatisfactory samples**. For these systems, sanitizing and re-sampling is necessary to ensure all bacteria has been eradicated throughout the system. Unsatisfactory water samples tested in our lab were in these categories.

PRIVATE DRINKING

155

IDEM - PUBLIC DRINKING

54

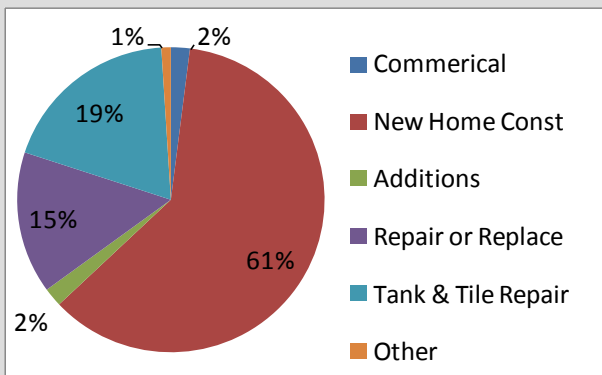
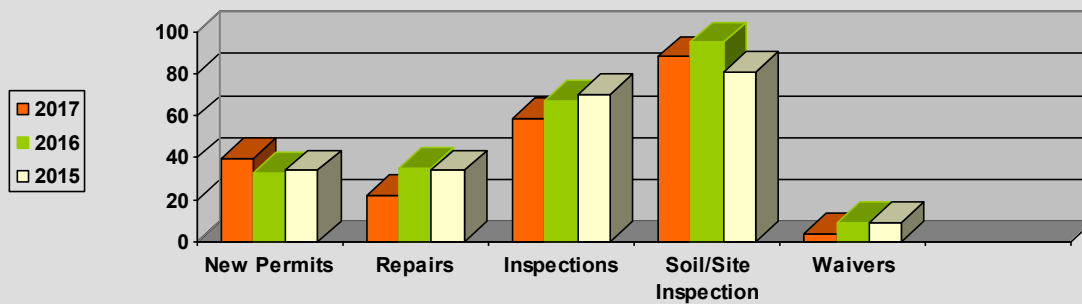
POOLS/SPAS

79

SURFACE DITCH/BEACHES

12

2017 ON SITE SEPTIC INFORMATION



Montgomery County Health Department issued 40 new system and 22 system repair permits in 2017. Waivers for systems issued were down to 4 for the year. Waivers are issued to applicants that are adding on to or rebuilding a home on a lot where an approved septic system already exists. The waiver is required to obtain a building permit through the building department. **Important to note is that 14 of the 22 repaired systems were replacing old tank and tile systems** that had been discharging septic and/or raw sewage into creeks and ravines or out of site ground surface. In addition to 59 system installation inspections, 88 soil and site inspections were conducted for new, repair, and potential system sites with Soil Scientist and contractor/owner.

2017 SWIMMING POOL INSPECTIONS



In May of 2013, the Montgomery County Health Department implemented an ordinance on public and semi-public pools and spas that falls in line with the Indiana State Rule 410 IAC 6-2.1. Our goal in implementing the ordinance is to ensure the public's use of these pools is safe by means of requirements for those in charge of the pool maintenance. The ordinance requires that managers or identified employees of the pool owner have a complete understanding on pool maintenance procedures and the related codes established for safe use by public. Examples of this are maintaining the correct levels of the chemicals in the pool water, understanding the importance of correct chemical levels, and maintenance of the chemical log records of the chemical tests. Each entity is required to have a **Certified Pool Operator** on staff. The number of annual inspections is based on the type of swimming pool. Pools and spas open year round are inspected at least four times a year and seasonal pools are inspected at least twice during the season. In addition to the requirements, the state requires that all public and semi public pool owners submit a weekly water test for bacteriological testing. The results of these tests are recorded in the state IPOOLS database and sent to the state lab for monitoring. Two sequential failed water tests require a closure of the pool and proper remediation. A clean water sample must be achieved prior to reopening to the public.

2016 Results		2017 Results	
Total Inspections	38	Total Inspections	38
Public Pools	3	Public Pools	3
Semi Public Pools	9	Semi Public Pools	9

Check Out Healthy and Safe Swimming!

Swimmers and parents of young swimmers can help protect their health and the health of their families and friends by checking the latest inspection results for public pools, water playgrounds, and hot tubs/spas.

They can also complete their own simple and short inspection before getting into any treated water. Get an inspection checklist or use the checklist below:

- ⇒ Use a test strip available at most superstores or pool-supply stores to determine if the pH and free chlorine or bromine concentration are correct.*
- ⇒ Make sure the drain at the bottom of the deep end is visible.
- ⇒ Clear water allows lifeguards and other swimmers to see swimmers underwater who may need help.
- ⇒ Check that drain covers appear to be secured and in good repair.
- ⇒ Swimmers can get trapped underwater by a loose or broken drain cover.



Confirm that a lifeguard is on duty at public venues. If not, check whether safety equipment like a rescue ring or pole is available.

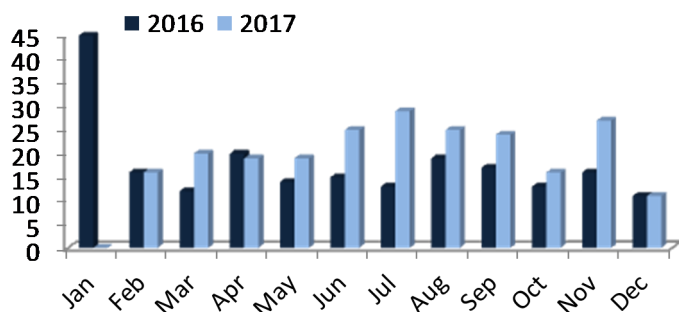
If you find any problems during your inspection, tell the person in charge of the pool, hot tub/spa, or water playground so the problems can be fixed before you swim. If the person in charge does not fix the problems, report them to your state or local health department. (See reference page CDC Swim)

*CDC recommends pH 7.2–7.8. The free chlorine concentration should be at least 1 ppm in pools and at least 3 ppm in hot tubs/spas. The free bromine concentration should be at least 3 ppm in pools and at least 4 ppm in hot tubs/spas.

2017 Programs & Events

SHARPS DISPOSAL PROGRAM

Through the Safe Sharps Disposal Program, MCHD continues to provide a safe way for residents to dispose of used needles, lancets and syringes. By providing free sharps containers and an accessible collections site we work to ensure sharps are properly disposed of reducing undue exposure and are not accessible and/or reused by individuals who may be abusing drugs. In it's second year, the program had a great



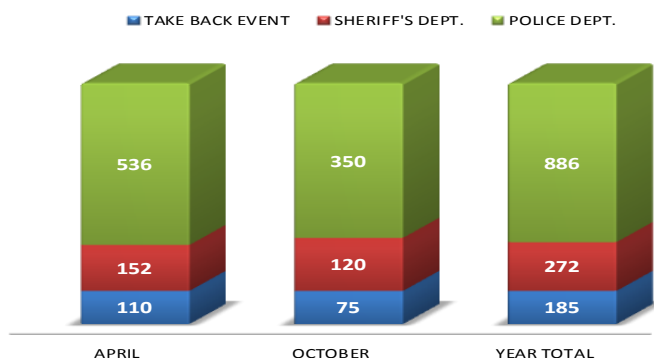
success. Sharps containers are available for free to the public to properly store needles and return for safe disposal. Since 2016, MCHD has partnered with **Drug Free Montgomery County** and has been awarded grant money to purchase one quart sharps containers. During 2017, 231 sharps containers were provided to the public with 101 being returned. 29 "other" types of containers were brought in for disposal and 9 needle clippers were distributed during health fairs and outreach programs.

In 2017, MCHD partnered with Indiana West Central Solid Waste District to provide an additional product, a needle clipper. The clipper is a newer product that can clip the end of the needle, depending on the size, and store up to 1500 needles and can be disposed of in a trash can.



PRESCRIPTION DRUG TAKE BACK

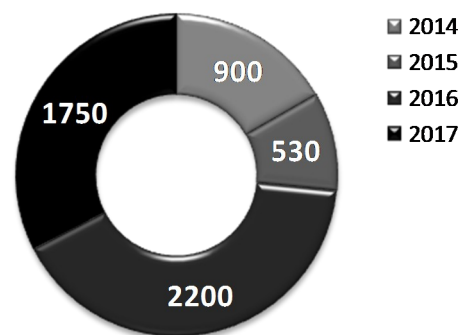
The Montgomery County Health Department is an active member in the Montgomery County Prescription Drug Task Force. Biannually, the PDTF participates in a national event, the Prescription Drug Takeback Day, that is put on by the DEA. The event is publicized and welcomed for



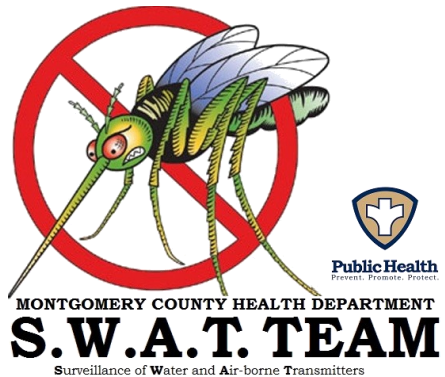
any individuals who may have unused or unwanted medications lying around their home. This program insures safe disposal and cuts back on the amount of medications available for potential abuse. In 2017, the Prescription Drug Take Back Event collected a total of 185 pounds of medications. Combined with the 24/7 drop off locations at the Montgomery County Sheriff's Office and Crawfordsville Police Department, a total of one half ton of unused/unwanted medications were collected in Montgomery County.

TIRE AMNESTY DAY

The Montgomery County Health Department is a proactive organization when it comes to health education, promotion and preventive efforts. For the past four springs, MCHD has put on a community event in order to raise awareness and collect unused and unwanted tires from the public in order to reduce the mosquito population during the summer months. The graph to the right shows the approximate numbers of tires that have been collected within the past four years. In 2017, MCHD collected approximately 1750 tires. With the combination of the reoccurring events and promotional materials, MCHD's Tire Amnesty day has bee a successful event!



2017 VECTOR CONTROL



The Montgomery County Health Department is committed to our Vector Control Program and has worked to expand as able identifying new partners and opportunities. MCHD has secured MOU's with Purdue University and Wabash College for interns and training opportunities throughout the year. These students allow us to continue to conduct monitoring, analyze data, and develop training and educational materials throughout the year. Our governing board and county officials have been educated on the need for this program and support ongoing efforts to improve. MCHD commits roughly \$10,000.00 of its annual budget to supplies and training related to vector control as well as our annual Tire Amnesty Day.

MCHD had 5 interns throughout the 2017 summer working on mosquito data collection and surveillance throughout Montgomery County. The students worked through mid May to the end of July going to total of 30 sites around the county to set traps, collect and identify mosquitoes to be sent of to the Indiana State Department of Health for disease identification. The students collected approximately 2600 mosquitoes and were able to identify two properties with positive West Nile Virus pools. The students had the opportunity to create an educational campaign, "Fight the Bite", that involved a billboard, radio PSA, social media posts and newspaper articles. The students were able to work with the Crawfordsville Park and Rec summer program, Wings and Things, to educate children on the various issues with mosquitoes and did a mini campaign of being on a Jr. SWAT team to take initiatives at their own homes to help control mosquito breeding sites.



Resources and Acknowledgments

Health Department Services & Community Outreach

The Montgomery County Health Department has expanded and incorporated several new programs in 2017. With the help of grant funding and a committed staff, the health department was able to add 5 new services to the community. These programs have allowed the health department to reach out to populations within the community that the department has not been previously connected with in the past.

Sexually Transmitted Infection Screenings
HIV and Hepatitis C screenings
Adult 317 and Vaccines for Children (VFC) immunization program
Naloxone Program

These services have allowed our department to grow within our workforce and our community outreach as well. The staff have been able to incorporate community outreach events into their individual development plans to increase their interest in other aspects within the community, such as joining boards and events related to public health.

Community Collaboration & Partnerships

The Montgomery County Health Department sincerely appreciates the following organizations and agencies that have supported the health department's mission, vision and values, and is committed to improving the overall health in Montgomery County

Montgomery County Wellness Coalition
Montgomery County Community Foundation
Active Living Indiana
St. Bernard's Catholic Church
Drug Free Montgomery County
Montgomery County Community Paramedicine Program
Montgomery County Free Clinic

Franciscan Health Crawfordsville
Indiana State Department of Health
Mont Cares
Wabash College
Purdue University
Crawfordsville Community School Corporation Health Advisory
Journal Review & Crawfordsville Public Radio

Data Sources

<https://www.cdc.gov/features/healthyswimming/>

<http://www.countyhealthrankings.org/measure/premature-death-ypll>

<http://www.indianaindicators.org/CountyDashboard.aspx?c=107>

Resources

Montgomery County Health Equity Report http://www.montgomeryco.net/egovdocuments/1480430775_85988.pdf

Community Health Improvement Plan

http://www.montgomeryco.net/egov/documents/1458153058_5655.pdf

Montgomery County Health Department Strategic Plan

http://www.montgomeryco.net/egov/documents/1478547584_84787.pdf

Montgomery County Health Profile

http://www.montgomeryco.net/egov/documents/1452629567_67843.pdf

**2017 Montgomery County
Health Department Staff**



Scott Douglas, M.D.

Health Officer

Amber Reed

Public Health Administrator

Brezie Hughes, R.N., BSN

Public Health Nurse

Adrienne Northcutt

EHS/ Pool / Food Inspector

Samantha Swearingen

Health Educator / Preparedness Coord

Don Orr

EHS/ Vector Control / Septic Inspector

Brookanna Walters

Vital Records Clerk / Lab Analyst

Payton Pierce

Vital Records / Water Lab Analyst

Health Board Members 2017

Nancy Sennett, R.N.

President

Mary Glass, MD

Rhonda Day

Jamie Barton, N.P.

Sharon Keedy, D.V.M.

Carol Laursen

Jeff Florey



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