A black and white photograph of the Indiana State Capitol building, featuring a large dome and classical columns. The image is partially obscured by a dark teal diagonal shape on the left and a green diagonal shape on the right.

2019 ANNUAL REPORT

**MONROE COUNTY HEALTH
DEPARTMENT**

MISSION & VISION

To protect, promote and improve the health of all people in Monroe County.

Leading and partnering to create a healthier and safer Monroe County community.

VALUES

- Accountability - We value reliability (trustworthiness) and willingness to accept responsibility, both individually and in teams.
- Empowerment - We value the sharing of information and tools to allow individuals and organizations the ability to act on issues they define as important.
- Excellence - We value dedication, continuous learning and use of best practices in providing public health services.
- Professionalism - We value skill, good judgment, self-regulation, education and high standards in service to the public.
- Respect - We value politeness, punctuality and reliability as a means of being courteous, recognizing diversity and acknowledging differences.

INDEX

I.	Staff Roster	1
II.	Organizational Chart	2
III.	Forward	3 - 4
IV.	Health Department Fee Income	5
V.	COMMUNITY HEALTH	
VI.	Disease Intervention.....	6 - 7
VII.	Futures Family Planning Clinic	8 - 10
VIII.	Health Education.....	11 - 14
IX.	Monroe County Public Health Clinic	15 - 17
X.	ENVIRONMENTAL HEALTH	
XI.	Food Protection	18 - 19
XII.	General Environmental	20 - 22
XIII.	Wastewater Sanitation	23 - 26
XIV.	PUBLIC HEALTH PREPAREDNESS.....	27 - 28
XV.	VITAL STATISTICS	29 - 30
XVI.	SOCIAL MEDIA	31 - 32
XVII.	PARTNERSHIPS.....	33

COMMISSIONERS

Julie Thomas
(President)

Penny Githens

Lee Jones
(Vice President)

COUNCIL

Shelli Yoder, President
Eric Spoonmore, President Pro Tempore
Geoff McKim
Cheryl Munson

Kate Wiltz
Trent Deckard
Marty Hawk

BOARD OF HEALTH

Mark Norrell, FACHE, HFA, Chairperson
Ashley Cranor, M.P.H., Vice Chairperson
Kay Leach, R.N.
Stephen Pritchard, D.D.S.

George Hegeman, Ph.D.
Carol Litten Touloukian, M.D.
Robert Wrenn, M.D.

MONROE COUNTY HEALTH OFFICER

Thomas W. Sharp, MD

HEALTH DEPARTMENT STAFF

Penny Caudill
Sylvia Garrison, REHS, CFSP
Ashlie Bormann
Julie Hartley Stutler
Miranda Ettinger
Simeon Baker
Rene Lloyd
Ashley Bergquist
Nicole Wagner
Jessica Brown
Connie J. Rendleman, Ph.D.
Kathy Hewett
Shanna Wooten
Melanie Vehslage, MPH, CHES
Christina Kempf
Teresa Benassi
Jamie Hartnett-Russell
Rachel Henry
Nathan Gilbert
Melissa Kraai-Smock
Rocky Festa
Randy Raines
Ryan Kasper-Cushman
Lynnette Murphy
Shian'ah Cox

Administrator
Chief Food Sanitarian / Deputy Administrator (partial year)
Administrative Assistant (PT)
Disease Intervention Specialist, Program Coordinator
Disease Intervention Specialist
Sr. Environmental Health Specialist
Environmental Health Specialist
Sanitarian (PT)
Chief Food Sanitarian
Food Sanitarian
Food Sanitarian
Health Educator / General Sanitarian / Accreditation Coordinator
Health Educator / Medical Reserve Corps (MRC) Coordinator
Health Educator, Harm Reduction
Public Health Coordinator
Vital Statistics Registrar
Vital Statistics Assistant Registrar
Vital Statistics Assistant Registrar (partial year)
Vital Statistics Assistant Registrar
Data Entry Clerk (PT) (partial year)
Data Entry Clerk (PT)
Wastewater Sanitarian
Wastewater Sanitarian
Environmental Health Specialist Assistant (PT)
School of Public & Environmental Affairs (SPEA) Fellow

FUTURES FAMILY PLANNING CLINIC STAFF

Liz McGlothlin
Lauretta Ionoff
Chris Husted
Scott Stowers
Jacqueline Cruz- Cortés
Betty Stettler

Family Nurse Practitioner
Licensed Practical Nurse
Clinic Manager
Certified IN Navigator (PT)
Patient Services Assistant (PT) (partial year)
Patient Services Assistant (PT)

BOARD OF HEALTH

7 Member Board
Assigned by Board of Commissioners

HEALTH DEPARTMENT
Health Officer

Administrative
Assistant (PT)

HEALTH DEPARTMENT
Administrator

Medical
Director

Deputy
Supplemental

Public Health
Coordinator

Public Health
Preparedness
Assistant (PT)

Futures Family
Planning Clinic

Clinic Manager

Nurse
Practitioner

LPN

Certified
Insurance
Navigator (PT)

Patient Services
Assistant (PT)

Environmental
Protection

Sr.
Environmental
Health Specialist

Environmental
Health Specialist

Sanitarian
(PT)

Environmental Health Specialist
Assistant (PT)
(Assists in Foods, Environmental,
& Wastewater Divisions)

Food Protection

Chief Food
Sanitarian

Food Sanitarian

Food Sanitarian

Health Education

Health Educator /
General
Sanitarian /
Accreditation
Coordinator

Health Educator /
MRC Coordinator

Health Educator
(Harm Reduction)

Disease
Intervention
Specialist /
Program
Coordinator (DIS)

Disease
Intervention
Specialist (DIS)

On-site Wastewater
Disposal

Wastewater
Sanitarian

Wastewater
Sanitarian

Vital Statistics

Registrar

Assistant Vital
Statistics
Registrar

Assistant Vital
Statistics
Registrar

Data Entry Clerk
(PT)

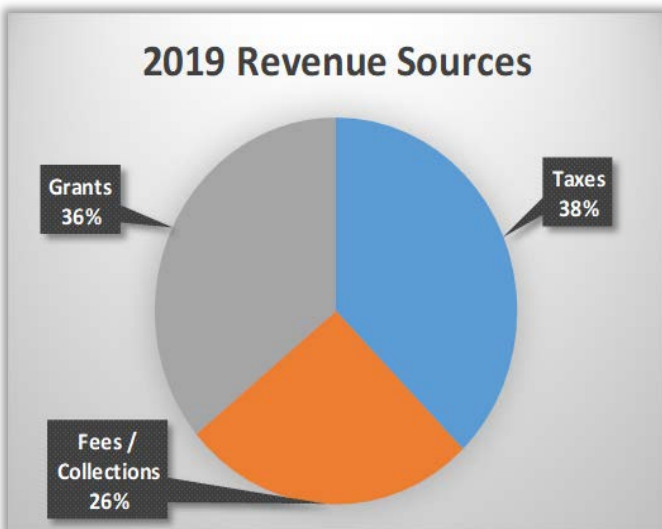
FORWARD

This annual report details the administrative and field activities of the Monroe County Health Department (MCHD) for 2019 pursuant to Indiana Code (I.C.) 16-20-1-7.

There are seven divisions within the MCHD, as well as a federally funded family planning clinic. MCHD also partners with Indiana University Health Bloomington Community Health Services (MCPHC) to provide nursing services to the public, Volunteers In Medicine (now known as HealthNet Bloomington Health Center) to provide prenatal care to low-income women, and Indiana Recovery Alliance (IRA) to provide harm reduction services and support. In 2019, MCHD oversaw a health fund budget that exceeded \$1,300,000 and was awarded ten grants (some grant funds will carry over into 2020). The Health Officer, seven Health Board members, thirteen full-time, two part-time, and one work study employee are all supported with county health funds. Six full-time and five part-time employees are supported through grant funds. This totals 21 FTE positions serving approximately 147,000 people in Monroe County. As the population of Monroe County continues to increase, the need for more public health employees intensifies.

FEES

Fees are charged for services that the MCHD regulates and inspects. In 2019, health fund fees amounted to over \$501,500. Fees for clinical services accounted for over \$75,300. Approximately 62% of the revenue earned was generated from fees and grants.



HEALTH BOARD

Per IC 16-20-2-4 the local Board of Health, appointed by the County Commissioners, is composed of seven members, not more than four of whom may be from the same political party. The varied backgrounds of the Board members help to lend a balanced outlook to MCHD's community-based health programs and needs. The Board met four times in 2019. These meetings are open to the public and input is welcomed.

QUALITY IMPROVEMENT ACTIVITIES

The 10 Essential Services are the framework used in the public health system to assess how well health departments are performing and providing to the community. The following link provides more details: www.cdc.gov/nphsp/essentialservices.html.

Quality improvement activities continued in 2019. In addition to division quality improvement activities listed in this report, the department developed and launched a Customer Service Survey in order to identify strengths and opportunities.

STAFF TRAINING

Continuous learning is a value held by the MCHD. Staff are encouraged to stay current, to develop new skills, and to improve existing skills regularly. As a result, staff attended many conferences and trainings in 2019. A highlight for 2019 was when staff gathered at Karst Farm Park in October for the fourth annual staff retreat. Staff enjoyed several team building activities, implicit bias and customer service training, and a tour of the Monroe County Airport. These workforce development retreats provide an opportunity for bonding, for learning as a whole group, and for staff reinvigoration.



MCHD Employees at the 2019 Staff Retreat

2019 DEPARTMENT HIGHLIGHTS

- Increased customer service survey distribution and response
- MCPHC saw over 5,000 clients
- Completed an Opioid Response Plan
- Completed both the “Celebrate Recovery” and the “Ramp Up Awareness” murals
- MCHD hosted an open house/ribbon cutting to unveil the “Ramp Up Awareness” mural
- A vehicle was obtained with grant funds to further support harm reduction services
- Participated in and gave an educational presentation at “Lemonade Day”



*Jessica Brown and Nicole Wagner (above, left to right)
– Participating in “Lemonade Day” at Ivy Tech.*

- Futures Family Planning Clinic achieved a better Google rating
- Strengthened partnership with IU
- Strengthened communication with the Indiana State Department of Health (ISDH)
- Identified all holding tanks in Monroe County
- Improved MCHD website
- Improved Facebook posts
- Increased food inspections
- Started inspecting hospital kitchens and food pantries
- Made improvements to the Public Health Preparedness trailer
- Conducted Point of Distribution (POD) practices for staff

2019 GOALS

- ❖ **Administrative staff of MCHD and the MCPHC will complete an application to bill Medicaid with the intention of billing for immunizations by December 2019.**
 - The application process was started, although roadblocks halted the application. Staff continue to investigate ways this goal may be met.
- ❖ **Lead staff will review the Quality Improvement Plan and make any needed revisions by October 30, 2019 so the plan can be fully implemented in 2020.**
 - Not met.

GOALS FOR 2020

- ❖ **Goal:** By October 2020, MCHD will conduct a strategic planning process for the next five years.
- ❖ **Goal:** Administration and the Board of Health will formally request a Financial Manager be added to staff.

The Monroe County Health Department (MCHD) appreciates the public health contribution of all who gave their time, expertise or other help in our pursuit of a healthier community and would like to especially thank the following for donating to our department during 2019 (this includes time donations by MRC volunteers):

- Bloomington Paint & Hardware

Monroe County
Health Department



Find us on
facebook

@Facebook.com/MoCoHealth

Monroe County
Health Department



Follow us on
twitter

@monroecountyhea

2019 FEE INCOME BY CATEGORY

INCOME	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTALS
Birth Certificates	\$8,096.00	\$7,072.00	\$8,016.00	\$7,136.00	\$7,248.00	\$6,448.00	\$8,096.00	\$8,016.00	\$5,776.00	\$7,152.00	\$5,536.00	\$5,280.00	\$83,872.00
Death Certificates	\$9,680.00	\$8,442.50	\$7,202.75	\$7,136.25	\$8,071.25	\$7,507.50	\$8,222.50	\$7,246.25	\$6,215.00	\$7,590.00	\$7,383.75	\$7,204.25	\$91,902.00
Genealogical Research Fees	\$15.00	\$15.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$45.00	\$75.00
Real Estate/On-Site Inspections	\$600.00	\$1,000.00	\$1,500.00	\$1,000.00	\$1,400.00	\$900.00	\$700.00	\$400.00	\$800.00	\$600.00	\$900.00	\$400.00	\$10,200.00
Septic Permit Applications	\$3,000.00	\$3,550.00	\$3,800.00	\$4,850.00	\$3,750.00	\$5,550.00	\$5,350.00	\$4,850.00	\$3,600.00	\$4,250.00	\$2,500.00	\$2,150.00	\$47,200.00
Septic Installer Certifications	\$200.00	\$2,600.00	\$1,000.00	\$750.00	\$0.00	\$450.00	\$350.00	\$450.00	\$300.00	\$0.00	\$0.00	\$100.00	\$6,200.00
Well Pump Surveys	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Food Service Licenses	\$94,677.50	\$59,637.50	\$8,221.00	\$5,409.00	\$5,740.00	\$4,395.00	\$2,900.00	\$2,505.00	\$1,345.00	\$1,425.00	\$2,934.00	\$1,473.00	\$190,662.00
Food Service Plan Reviews	\$3,075.00	\$2,100.00	\$880.00	\$2,350.00	\$1,470.00	\$885.00	\$1,725.00	\$1,425.00	\$1,125.00	\$1,050.00	\$1,830.00	\$1,495.00	\$19,410.00
Food Class Registrations	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Swimming Pool/Spa/Beach Permits	\$9,900.00	\$1,485.00	\$7,820.00	\$9,950.00	\$3,725.00	\$950.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$900.00	\$34,730.00
Campground Permits	\$290.00	\$1,705.00	\$840.00	\$2,855.00	\$0.00	\$0.00	\$155.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$5,845.00
Solid Waste Facility/Trash Hauler Permits	\$0.00	\$2,925.00	\$800.00	\$0.00	\$50.00	\$0.00	\$0.00	\$0.00	\$0.00	\$500.00	\$0.00	\$0.00	\$4,275.00
Plastic Sleeves	\$52.00	\$47.00	\$59.00	\$61.00	\$49.00	\$31.00	\$50.00	\$54.00	\$20.00	\$55.00	\$62.00	\$42.00	\$582.00
Notary Fees	\$16.00	\$8.00	\$8.00	\$8.00	\$24.00	\$8.00	\$4.00	\$4.00	\$16.00	\$10.00	\$6.00	\$10.00	\$122.00
Paternity Affidavits	\$325.00	\$279.00	\$282.00	\$123.00	\$355.00	\$186.00	\$146.00	\$176.00	\$209.00	\$63.00	\$156.00	\$103.00	\$2,403.00
Photocopying Fees	\$2.50	\$0.10	\$4.30	\$2.60	\$0.30	\$2.60	\$4.10	\$0.10	\$4.20	\$1.10	\$5.60	\$2.50	\$30.00
Home Births	\$0.00	\$27.00	\$0.00	\$0.00	\$0.00	\$0.00	\$81.00	\$0.00	\$54.00	\$0.00	\$0.00	\$0.00	\$162.00
Amendment Affidavits	\$73.00	\$83.00	\$30.00	\$179.00	\$328.00	\$83.00	\$20.00	\$20.00	\$232.00	\$73.00	\$0.00	\$73.00	\$1,194.00
Bank Fees	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
NSF Checks	\$0.00	\$0.00	\$0.00	\$29.00	\$0.00	\$0.00	\$0.00	\$10.00	\$0.00	\$0.00	\$0.00	\$10.00	\$49.00
SUB-TOTAL	\$130,002.00	\$90,976.10	\$40,463.05	\$41,838.85	\$32,210.55	\$27,396.10	\$27,803.60	\$25,156.35	\$19,696.20	\$22,769.10	\$21,313.35	\$19,287.75	\$498,913.00
CORONER FEES	\$1,584.00	\$1,381.50	\$1,181.25	\$1,167.75	\$1,320.75	\$1,228.50	\$1,345.50	\$1,185.75	\$1,017.00	\$1,242.00	\$1,208.25	\$1,185.75	\$15,048.00
FAMILY PLANNING CLINIC	\$5,753.64	\$4,103.55	\$8,314.89	\$5,718.54	\$6,556.76	\$4,469.63	\$4,431.72	\$3,740.31	\$4,897.64	\$7,905.27	\$7,690.37	\$11,731.52	\$75,313.84
TOTAL	\$137,339.64	\$96,461.15	\$49,959.19	\$48,725.14	\$40,088.06	\$33,094.23	\$33,580.82	\$30,082.41	\$25,610.84	\$31,916.37	\$30,211.97	\$32,205.02	\$589,274.84

HEALTH FUND

INCOME		DISBURSEMENTS	
TAX DRAWS	\$716,664.53	TOTAL 2019 DISBURSEMENTS	\$1,167,761.10
GRANTS	\$112,198.72		
FEES	\$501,530.17		
MISCELLANEOUS RECEIPTS	\$640.46		
TOTAL 2019 INCOME	\$1,331,033.88	December 31, 2019	\$859,989.83

DISEASE INTERVENTION

In 2019, the Monroe County Health Department (MCHD) continued to receive a grant for sexually transmitted disease prevention from the Indiana State Department of Health (ISDH). The grant covers disease intervention services for a 12-county area that consists of Monroe, Brown, Bartholomew, Lawrence, Owen, Greene, Clay, Putnam, Parke, Vermillion, Vigo, and Sullivan Counties. The primary goal of the grant is to provide disease intervention services in order to prevent the spread of disease and development of complications in infected individuals, contacts, and associates.

During the 2019 calendar year, Monroe County employed two full-time Disease Intervention Specialists (DIS). An ISDH-employed DIS is also housed at MCHD for a total of three full-time DIS covering Indiana's STD district 7.



CASE DETECTION THROUGH SCREENING

The DIS provide chlamydia, gonorrhea, syphilis, hepatitis C, and HIV testing to those persons deemed at high risk of disease, such as partners to cases and high-risk populations.

The division also works closely with Positive Link, another ISDH-funded program, to ensure that testing is available to individuals within the community. During 2019, the DIS continued to partner with Positive Link to offer monthly STD testing at a local bar. DIS also offered weekly outreach testing at the Monroe County Jail for current inmates who are at an increased risk of disease.

CASE FOLLOW UP

The DIS track sexually transmitted diseases through case investigations, outreach, and use of epidemiology. Cases are prioritized by risk to the public's health. In general, cases involving syphilis and HIV are investigated first, followed by cases of gonorrhea and chlamydia. Case follow-up includes one or more of the following: interviewing persons diagnosed with an STD, locating and referring clients/partners for examination and treatment, educating patients about disease symptoms and transmission, and contacting providers to ensure treatment of cases.

Disease Intervention Specialists (right, left to right) – Miranda Ettinger, Julie Hartley Stutler, and Kira Richardson at the 2019 AIDS Walk.

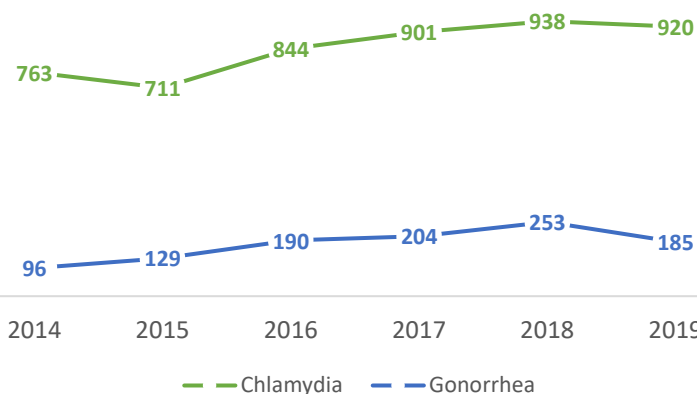
SURVEILLANCE

The STD Program monitors disease morbidity as reported from hospitals, physicians, and laboratories.

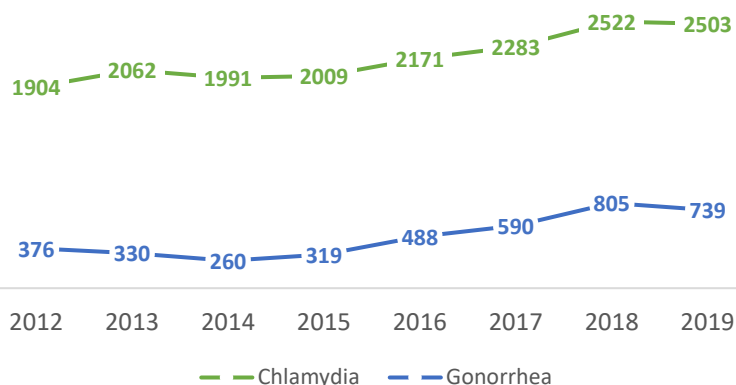
The ISDH 2019 preliminary data for district 7 shows that chlamydia cases remained relatively stable when compared to 2018, as can be seen in the “District 7 Chlamydia and Gonorrhea Rates” graph on the next page. The amount of gonorrhea cases decreased when compared to 2018, but is still up from the past several years.

In 2019, the number of early syphilis cases diagnosed in district 7 was fewer than the amount diagnosed in 2018. Early syphilis is classified as syphilis that is less than a year in duration. It is a good indicator of incident infection.

MONROE COUNTY
CHLAMYDIA & GONORRHEA CASES



DISTRICT 7
CHLAMYDIA & GONORRHEA CASES



2019 Surveillance Data Overview for Indiana's STD District 7

Diagnosis	Case Count
Chlamydia	2503
Gonorrhea	739
Early Syphilis	24**

***Of the 24 reported cases of early syphilis in 2019, six cases were determined to be primary or secondary syphilis, which is a reflection of symptomatic disease.*

2019 GOALS

- ❖ **The DIS will collaborate with at least three other agencies to provide STD/HIV testing during outreach events in 2019.**
 - Met – Staff collaborated with Positive Link, United Way of the Wabash Valley, and ISDH to provide testing during outreach events.
- ❖ **DIS staff will attend at least four conferences/trainings to stay up-to-date on best practices and new research during 2019.**
 - Met – The DIS Program Coordinator attended a TOPSafe training and two Ryan White trainings in Indianapolis, and both MCHD DIS attended the National Coalition of STD Director's (NCSDD) annual conference in Washington, D.C.
- ❖ **DIS staff will assist at least 30 patients in accessing pre-exposure prophylaxis (PrEP) for HIV by making referrals and providing information and resources by December 31, 2019.**
 - Met – Staff provided at least 64 clients with information and resources to assist in accessing PrEP.

GOALS FOR 2020

- ❖ **Goal:** The STD division will hire a part-time DIS assistant to help with data entry.
- ❖ **Goal:** The DIS will initiate a quality management project, a requirement as an ISDH sub-recipient.
- ❖ **Goal:** The DIS will complete enhanced gonorrhea interviews (EGIs) for 1/3 of patients diagnosed with gonorrhea that fall into district 7's priority populations.

FUTURES FAMILY PLANNING CLINIC

The Futures Family Planning Clinic (Futures) is a Title X funded clinic operating within the Monroe County Health Department (MCHD). Founded in 2006, Futures provides family planning health services for women, men, and adolescents. Our funding comes through the Department of Health and Human Services (HHS) to the Indiana Family Health Council (IFHC) who then disperses the money to Title X clinics, like ours, throughout Indiana. We are LGBTQ+ friendly and dedicated to providing professional, compassionate reproductive health care to our community.

The clinic is staffed with one part-time Nurse Practitioner, a full-time LPN, a full-time Clinic Manager, a part-time Patient Services Assistant (PSA), and a part-time Certified Health Insurance Navigator. The Certified Health Insurance Navigator helps patients sign up for health coverage. A Medical Director supervises medical care provided, regularly reviews charting entries, and is available for consultations.

Patients who need services beyond our scope are referred for care to other providers. Having a relationship with others who are equipped to serve low income or patients with a language barrier is a priority when making referrals. We also have a Spanish speaking medical interpreter available by appointment.

Per Federal law, parental consent for minors is encouraged, but not required.

Patient supplies and services operate on a sliding fee scale. The clinic accepts donations as well as Medicaid, the Healthy Indiana Plan (HIP), and commercial insurance. The sliding scale may be used to reduce costs for those who are underinsured, and patients are never turned away due to inability to pay.

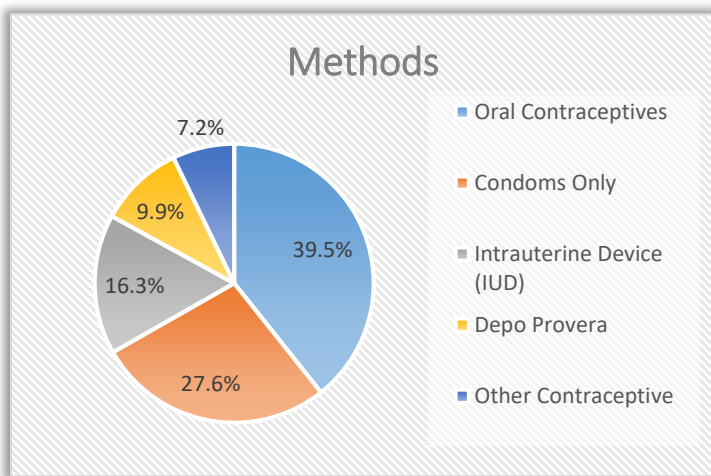
SERVICES OFFERED

- Gynecological and breast exams
- Problem-focused services for males
- Reproductive health counseling and education
- Pap smears (cervical cancer screenings) and HPV testing if appropriate
- Intimate Partner Violence (IPV) screening and referral
- Pregnancy counseling, testing and referral
- Sexually Transmitted Infection (STI) testing and treatment, including gonorrhea and chlamydia
- HIV testing
- Emergency Contraception (Plan B)
- Birth control counseling and supplies including pills, the shot, patch, diaphragm, vaginal ring, and intrauterine device (IUD)
- Condoms provided at no charge

SUPPLIES

Futures provides contraceptives to patients during their visit. Contraceptives include IUDs, Depo-Provera (the shot), oral contraceptives (both combination and progestin only), contraceptive patches, vaginal rings, diaphragms, condoms, and Emergency Contraception (Plan B). Abstinence is counseled at every appointment where applicable. All medications or contraceptives are available within the clinic, eliminating a transportation barrier.

The following is a breakdown of the methods used in 2019, for all users of contraception:



POPULATION SERVED

The number of unduplicated clients served in calendar year (CY) 2019 was 785. This was a 4.5% increase from CY 2018, where 751 unduplicated clients were served.

POVERTY LEVEL

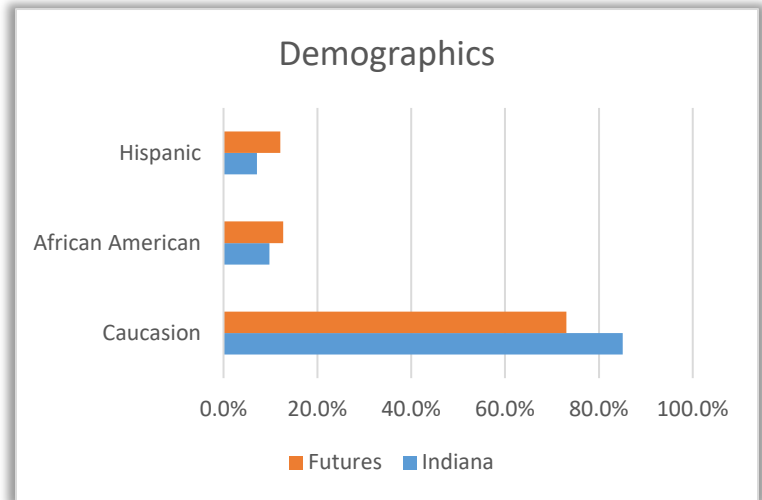
Of the patients served in 2019, 76% fall below the 150% of poverty. Fifty-six percent fall below 100% of poverty, meaning they pay no fees for exams or supplies. We have patients who pay partial fees (17.1%) and some that pay the full fee (6.7%).

If the patient has insurance, whether it is in network or not, we always attempt to bill their insurance to help offset the grant or patient's cost. We bill Medicaid or HIP for 25% of our patients and bill private insurance for 30% of our patients.

DEMOGRAPHICS

Futures sees more diversity than Indiana as a whole.

This is shown by comparing our client data to the Stats Indiana website and the US Census Bureau. (Note: this data is from 2018, which is the most recent data available.)



Federal law allows adolescents to receive services through our clinic without parental consent. We adhere to the Indiana statutes that regulate reporting of sexual activity in minors, and counsel on abstinence, coercion, and parental involvement. During 2019, the clinic saw 43 patients who were under the age of 19. This accounts for 5.5% of total unduplicated patients.

HEALTH PROBLEMS

Sexually Transmitted Infection (STI) testing is included as part of the annual exam for both women and men under the age of 30, as part of routine testing. We also conduct testing when the patient has been a contact to an STI, or when the patient is experiencing symptoms consistent with an STI. The Disease Intervention Specialists (DIS) also assist in referring patients to our clinic for treatment. During 2019, Futures conducted 690 gonorrhea/chlamydia tests. Of these, 11.3% were positive and received treatment.

Aside from gonorrhea/chlamydia testing, Futures also performs Pap tests according to the ACOG guidelines. Testing begins when the patient turns 21 years old and is recommended to be repeated every three years unless otherwise directed by the practitioner. Throughout 2019, Futures completed 246 pap tests. Of these, approximately 12.2% were abnormal. According to the American College of Obstetricians and Gynecologists (ACOG) guidelines, patients with mild abnormalities (ASC-US) should have their Pap test repeated in one year. Those with more severe abnormalities are referred to another provider to assess and provide care beyond our scope.

2019 GOALS

- ❖ **Futures Clinic will increase unduplicated numbers to at least 900 by the end of CY 2019.**
 - Not Met – Although Futures successfully increased their unduplicated patient numbers over 2018, Title X clinic numbers have been lower throughout Indiana.
- ❖ **Futures Clinic will complete the “Ramp Up Awareness” mural project by the end of CY 2019 in order to increase community awareness of the clinic.**
 - Met – Patient response has been very positive, and it serves not only to beautify the entrance, but also to serve as a landmark when directing new patients to the clinic.



- ❖ **Futures Clinic will offer ePrescribing services to its patients by the end of July 31, 2019, in order to more easily facilitate pharmacy usage, as well as lower clinic cost for medications.**
 - Met – Patient response has been positive, as it often reduces the cost-share for the patient. It has also allowed for the clinic to reduce funds spent on medications.

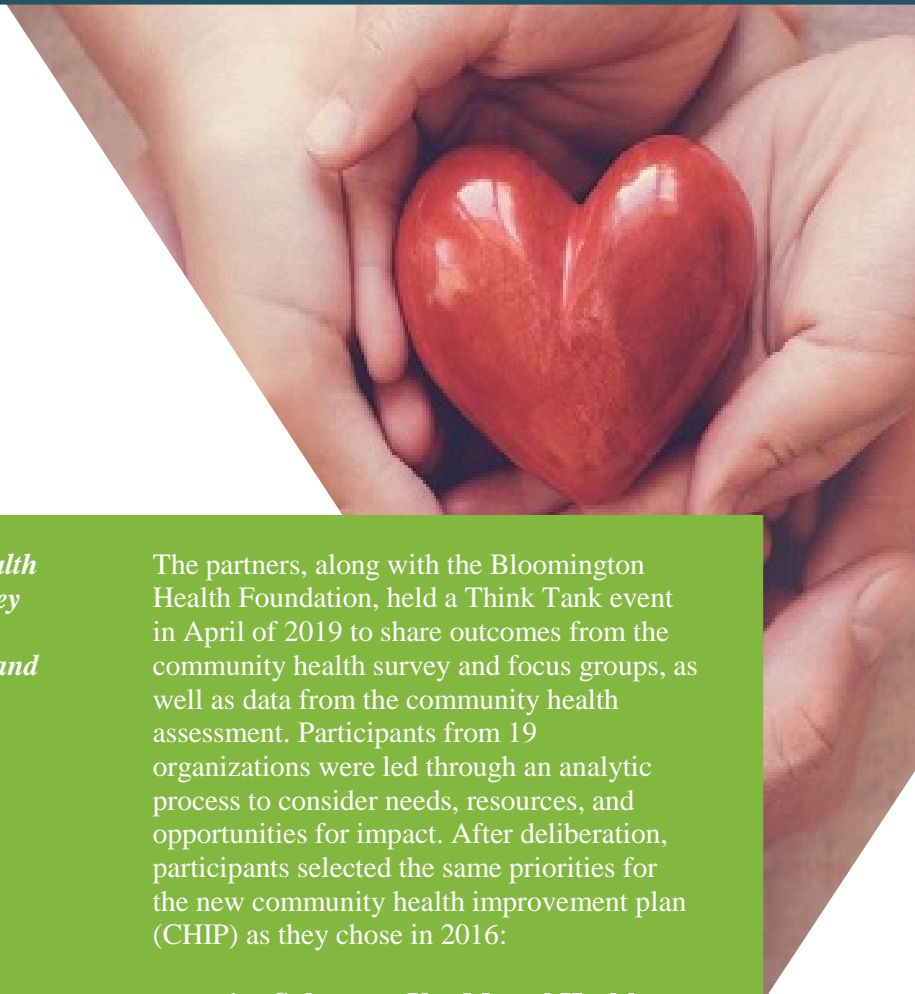
GOALS FOR 2020

- ❖ **Goal:** Futures Clinic will increase weekly available appointments from 58 to 70 by transitioning from part-time to full-time Nurse Practitioner hours in July 2020. [At printing (4/2020), this goal was adapted due to COVID-19.]
- ❖ **Goal:** Futures Clinic will begin to offer Nexplanon insertion and removal services by the end of CY 2020.
- ❖ **Goal:** Futures Clinic will get credentialed with an additional two insurance companies in 2020 in order to increase revenue and reduce cost to patients.



Gypsy Schindler, Artist (above) – Standing beside the completed mural, dedicated August 2, 2019. Supplies for the mural were generously donated by Bloomington Paint & Wallpaper.

HEALTH EDUCATION



Health educators strive to improve the health of the community in a variety of ways. They gather and assess data to identify health needs, develop and implement programs, and work collaboratively with community partners to promote healthy behaviors, policies, and environments.

ACCREDITATION

Community Health Assessment

Education and Administration staff continued to work with IU Health Bloomington Hospital and the City of Bloomington Parks and Recreation Department on the 2018-2019 Monroe County Community Health Assessment (MCCHA).

The partners, along with the Bloomington Health Foundation, held a Think Tank event in April of 2019 to share outcomes from the community health survey and focus groups, as well as data from the community health assessment. Participants from 19 organizations were led through an analytic process to consider needs, resources, and opportunities for impact. After deliberation, participants selected the same priorities for the new community health improvement plan (CHIP) as they chose in 2016:

1. Substance Use-Mental Health
2. Basic Needs
3. Chronic Disease

community health improvement plan (CHIP)

Community Health Improvement Plan

The CHIP process kicked off in September of 2019 and CHIP teams formed for each priority. The teams met regularly to begin developing goals and strategies for the multi-year plan under the leadership of the CHART group. The CHART group consists of staff from the Monroe County Health Department, City of Bloomington Parks and Recreation, and IU Health Bloomington Hospital.

You're Invited!

Community Health THINK TANK

**We are ALL a part of public health.
Every one of us!**

We need your public health voice!



The Monroe County Health Department, IU Health Bloomington Hospital and the IU School of Public Health Bloomington will share the results of the 2018 Community Health Assessment survey and community focus groups.

Come learn what your friends and neighbors said about health issues in our community. Join the discussion on how the results compare to local health data. Most importantly, use YOUR public health voice to help select the focus areas for the next community health improvement plan!

WHEN
April 2, 2019
10:00 am- 12:00 pm

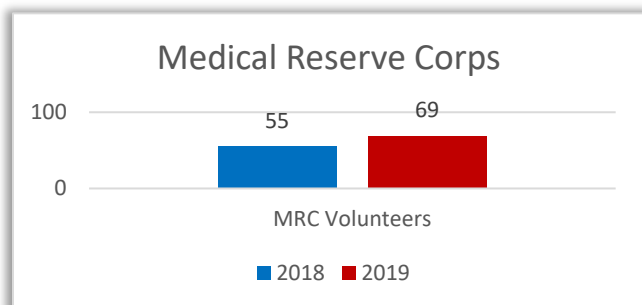
WHERE
City of Bloomington
City Council Chambers
401 N. Morton St.
Bloomington, IN 47404

RSVP
<https://bit.ly/2Uxh5SX>



MEDICAL RESERVE CORPS

The Medical Reserve Corps (MRC) had four educational meetings in 2019. These were an overview of the Monroe County Organizations Active in Disaster (MoCOAD), a Point of Dispensing (POD) training, Stop the Bleed Training, and a preparedness items Show and Tell. MRC volunteers also assisted with a two-day Hepatitis A vaccine clinic, as well as various flu vaccine clinics at area public schools. Staff conducted 19 recruitment activities in 2019!



The MRC grew by 20% (14 volunteers) between 2018 and 2019.

BABY & ME TOBACCO FREE

MCHD received funding to continue the BABY & ME – Tobacco Free (BMTF) Program for another year in October of 2019. The mission of the program is to reduce the burden of tobacco on our society. Any pregnant women less than 36 weeks of gestation who use any tobacco or nicotine product or have quit using tobacco within three months of becoming pregnant are eligible to enroll and can earn up to 14 (\$25) diaper vouchers. If there is someone in the client's household who also smokes or vapes, they can enroll as a support partner and earn 12 diaper vouchers.



LaShanna Wooten, Health Educator (above) – Showing baskets prepared for BMTF moms when they deliver their babies.

Monroe County BABY & ME - Tobacco Free Program



177
Referrals

Program referrals increased by 11% from 2018 to 2019. Referrals came from 10 different sources including: existing clients, the Nurse Family Partnership, WIC, IU Health Southern Indiana Physicians for Women, Centerstone, the Women's Care Center, and the Hannah Center.

The BMTF program saw 25 clients from seven different counties in 2019. Of the 177 referrals received, 37% were for clients who reside outside of Monroe County.

7
Different
counties

67 Moms
&
12 Partners
Enrolled

Enrolled support partners accounted for 7% of the diaper vouchers issued in 2019. A support partner who smokes can enroll with the pregnant client to help motivate her to quit and stay quit, and to help keep her and the baby away from the dangers of secondhand smoke.

Clients and their support partners earned 219 vouchers in 2019 - 161 more than in 2018!

219 = \$5,475
Diaper
Vouchers

26
Babies

The number of babies born to smoke free parents increased from 10 in 2018 to 26 in 2019. Pregnant women who quit smoking are more likely to have healthier babies, born on time at healthy weights!

In 2019, 27 clients and two support partners completed the prenatal phase of the program! An additional two clients and one partner completed their final postpartum session to complete the entire program.

2
Program
Graduates

328
Sessions
Completed

The number of sessions completed increased by 81% between 2018 and 2019! The number of sessions completed continues to increase as more and more clients join and stay engaged in the program.

HARM REDUCTION PROGRAMS

Harm Reduction (HR) programming is funded primarily through grants from the Indiana State Department of Health (ISDH) through the HIV Division and the Trauma and Injury Prevention Division, as well as other smaller granting entities.

Monroe County Syringe Service Program



Melanie Vehslage, Health Educator (above) – Doing outreach at the Monroe County Syringe Service Program with the new Harm Reduction Program mini-van.

According to the Centers for Disease Control and Prevention (CDC), Syringe Service Programs (SSPs) are best practice in terms of strategies to prevent HIV, HCV, and other injection related harms among people who inject drugs (PWID). MCHD provides funding, supplies, HIV/HCV testing, dedicated staff time, and oversight for the Monroe County Syringe Service Program (MCSSP), facilitated by the Indiana Recovery Alliance (IRA).

MCHD received another grant from ISDH in 2019 to improve SSP mobile outreach, overdose prevention, and other outreach activities. HR staff were able to purchase a minivan to support programming, and fund mechanical and interior rehabilitation to increase sustainability for the SSP mobile van.

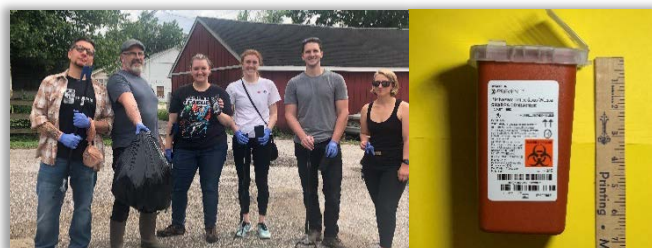
HR staff administered 50 HIV tests and 19 HCV tests in 2019. Testing numbers were lower than expected due to limited testing space and confidentiality while the mobile van (below) was being rehabilitated.



Naloxone Grants

MCHD and their grant partners distributed training and 1,120 doses of naloxone from two ISDH grants to community residents, fire and police departments, social service agencies, health providers (including ERs), and government offices.

Community Clean-Ups and Sharps Disposal



Melanie Vehslage, Health Educator (above) – Joins with volunteers from the community and IRA to do community clean-ups.

MCHD staff partnered with the IRA to conduct 18 'Community Clean-Ups' as an effort to engage and educate community members about safe sharps disposal. Staff contacted 79 neighborhood associations in Bloomington to offer education and sharps containers, six of which responded with interest in further information and training.

MCHD was awarded \$2,250 from the Sophia Travis Community Services Grant to purchase and distribute sharps containers to local non-profits to provide safe disposal sites in high-risk areas.

Celebrate Recovery Mural



Staff from the MCHD and Centerstone oversaw the creation of the Celebrate Recovery Mural as part of the Substance Use-Mental Health CHIP team. Its goal is to build connections, share the message about prevention, treatment, and recovery work, and to reduce stigma regarding addiction and mental illness.

Area artists were invited to submit artwork involving recovery and connections. The three winning artists each won a basket of art supplies and split a \$500 prize.

Over 40 community members helped paint the mural under the oversight of the designing artists at the “Paint the Town Purple – Celebrate Recovery” event on September 6th, 2019. It will hang in the street level window of the Monroe County Parking Garage.

The mural was supported by the Monroe County Commissioners and the Substance Use Community Awareness Commission. It was fully funded by the MCHD through a grant from the Indiana State Department of Health and the U. S. Department of Health and Human Services.

Overdose Response Plan

MCHD led emergency service providers through the refinement and completion of a unified Overdose Outbreak Response Plan to be used in case of a large-scale overdose event. The finalized plan was added to the set of Monroe County emergency plans.

Opioid Summit



Plenary Panel: “The Justice System” at the Opioid Summit (above, left). Kathy Hewett, Lead Health Educator and Jennifer Whitaker, Centerstone unveil the Recovery Mural at the Opioid Summit (above, right).

Health Education staff continued to help plan and implement the Third Annual Monroe County Opioid Summit, hosted by the Monroe County Opioid Commission. This year’s program focused on prevention, and supporting those in recovery in the workforce and in the community corrections (criminal justice) system.

2019 GOALS

- ❖ **Health Education staff will conduct a minimum of eight group naloxone/harm reduction trainings during 2019.**
 - Met – MCHD staff held 12 group naloxone trainings in 2019, as well as offering trainings for individuals.
- ❖ **Health Education staff will create training materials for new ISDH database collection needs for MCSSP workers and volunteers by June 30, 2019.**
 - Met when available – Database was not completed until November of 2019, at which time the training materials were developed.
- ❖ **Health Education staff will increase MRC volunteers from 55 to 63 (two per quarter) by conducting two outreach activities per quarter.**
 - Met – MCHD staff performed 19 recruitment activities in 2019 and exceeded the goal of recruiting two volunteers per quarter.

GOALS FOR 2020

- ❖ **Goal:** In 2020, Health Education staff will use monthly check-in texts between appointments to engage and increase the number of smoke-free BMTF clients from 27 to 30 (10%) who complete all four prenatal sessions before giving birth.
- ❖ **Goal:** Health Education staff will implement Public Health Accreditation Board (PHAB) documentation teams and conduct a minimum of four Accreditation and/or PHAB Standards and Measures trainings by December 31, 2020.
- ❖ **Goal:** Health Education staff will increase HIV/HCV testing to 54 HIV tests and 21 HCV tests to raise testing 10% over 2019 levels.

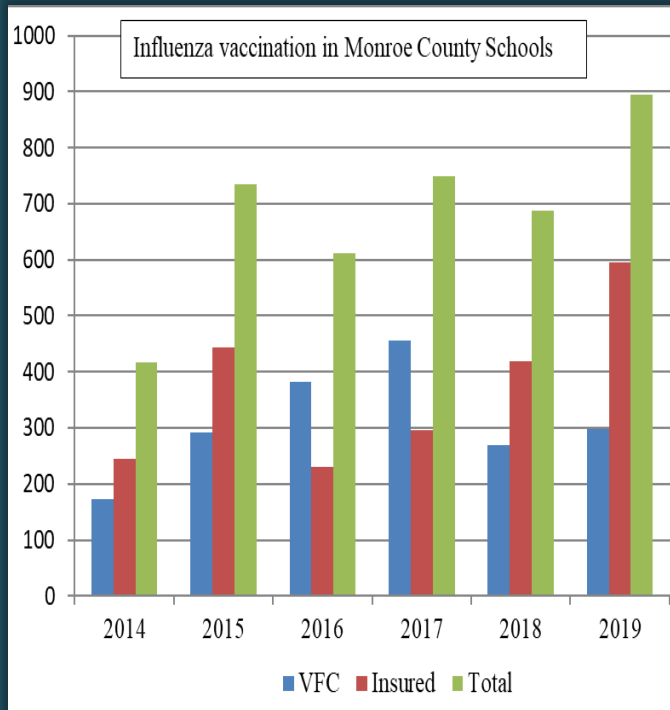
MONROE COUNTY PUBLIC HEALTH CLINIC



The core function of the Monroe County Public Health Clinic (MCPHC) is to preserve, promote, and protect the health of Monroe County residents. A strong infrastructure is essential for preventing, preparing for, and responding to health threats on a community wide basis. The MCPHC is a collaboration between the Monroe County Health Department (MCHD) and Indiana University Health Bloomington Hospital. This partnership provides systems for identifying health risks in the community, preventing and controlling communicable disease outbreaks, educating the public and health professionals about health risks and prevention practices, and ensuring access to needed health services.



MCPHC Staff (above) – Participating in Point of Dispensing (POD) Exercises during Hepatitis A outbreak response in 2019.



Our Mission

To promote wellness, provide access to healthcare, and prevent suffering and death from communicable and vaccine preventable disease through vaccination, education, case management, and community involvement for Monroe and surrounding counties.

Our Vision

Our vision is to provide high quality services with care and compassion while partnering with community resources to continually improve the health of our community.

COMMUNICABLE DISEASE REPORT 2019

Condition	Confirmed	Not a Case	Probable	Suspect	Unknown	Total
CP-CRE	<5	0	0	0	0	<5
Campylobacteriosis	7	0	<5	0	0	8
Cryptococcus neoformans	<5	0	0	0	0	<5
Cryptosporidiosis	<5	0	<5	0	0	<5
Ehrlichiosis	5	<5	<5	0	0	7
Giardiasis	<5	0	0	0	0	<5
Hepatitis A	35	11	0	0	0	46
Hepatitis B	10	<5	5	<5	<5	21
Hepatitis C	61	8	28	3	26	126
Histoplasmosis	<5	<5	0	0	0	<5
Influenza-Associated Death	6	0	0	0	0	6
Latent Tuberculosis Infection	23	0	0	<4	0	27
Legionellosis	<5	0	0	0	0	<5
Lyme Disease	<5	6	<5	0	0	12
Mumps	44	<5	<5	0	0	50
Paratyphoid Fever	<5	0	0	0	0	<5
Pertussis (Whooping Cough)	0	<5	<5	0	0	<5
Salmonellosis	<5	<5	<5	0	<5	8
Shiga toxin-producing E. coli	<5	0	<5	0	<5	6
Streptococcus Group A Invasive Disease	8	<5	0	0	0	9
Streptococcus Pneumoniae	12	0	0	0	0	12
Tuberculosis	<5	0	0	0	0	<5
Tularemia	0	<5	0	0	0	<5
Varicella	0	6	0	0	0	6
Total	222	53	46	9	27	357

Indiana was one of several states that was affected by a Hepatitis outbreak in 2018 and 2019. In Monroe County, we worked diligently with our schools, jails, shelters, and other congregate settings to promote vaccinations and decrease the spread of the outbreak. Since the beginning of the outbreak that started in late 2018, *Monroe County had 56 cases of Hepatitis A during the outbreak period and administered 4,951 doses of Hepatitis A vaccine.*

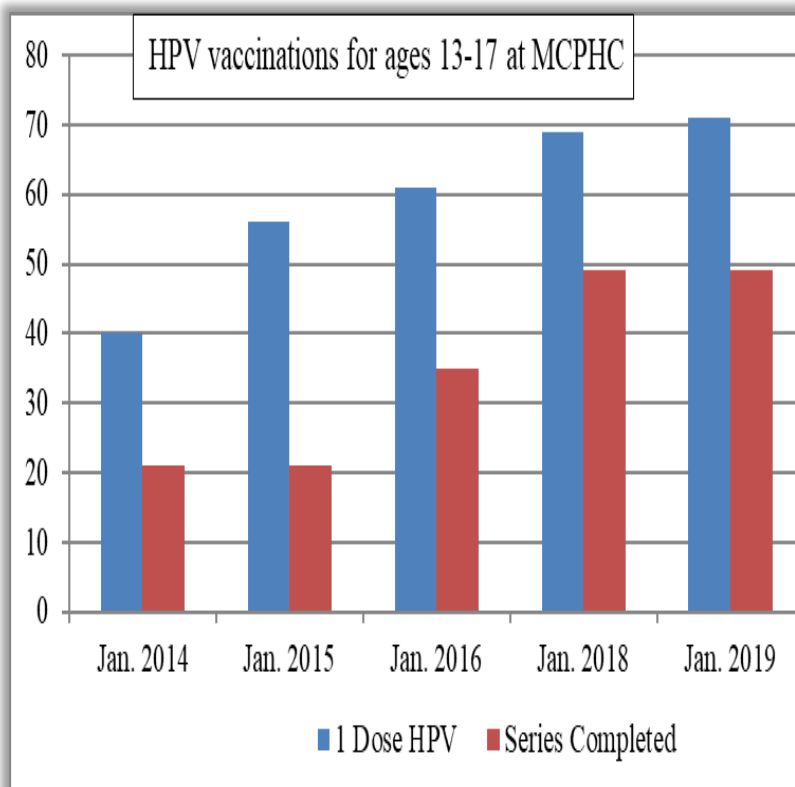
2019 GOALS

- ❖ The MCPHC will increase or maintain the number of 13-17 year-old clients who have completed the HPV vaccination series at 50% by December 2019.
 - The end of the year rate was 49%.
- ❖ The MCPHC will give access to MyVaxIndiana to at least 150 individuals by December 2019.
 - Data to confirm how many individuals were added to MyVaxIndiana was unavailable at the time of this report.
- ❖ MCPHC will conduct at least two outreaches in 2019 that target infant mortality with safe sleep education being offered outside of the clinic.
 - Met.
- ❖ MCPHC will conduct at least two wellness screenings in 2019 that target pre- and post-partum mothers in an effort to help decrease maternal mortality.
 - Met.
- ❖ MCPHC staff will participate in the Public Health Nurse conference in 2019.
 - Met.



*Alone
on my Back
in a Crib
Practice the
ABC's every
time!*

- Beth Lucas, Safe Sleep Educator (above, left)



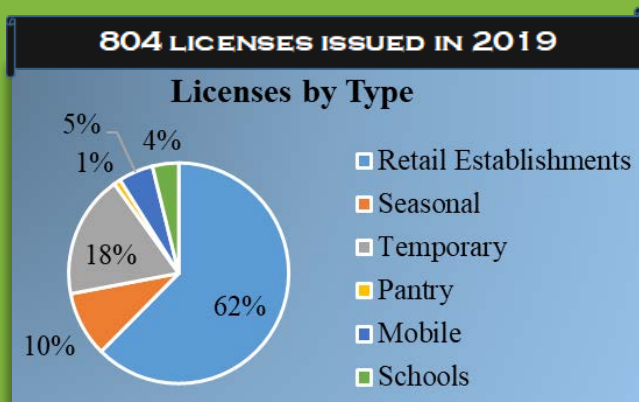
GOALS FOR 2020

- ❖ **Goal:** MCPHC will offer 21 school-based influenza clinics and 13 spring 5th and 6th grade immunization clinics in 2020-2021.
- ❖ **Goal:** MCPHC will offer the second dose of HPV to all 6th grade classrooms in Monroe County by June of 2021 to increase likelihood of full vaccine coverage and decrease missed opportunities.
- ❖ **Goal:** MCPHC will conduct at least six wellness screenings in 2020 that target high-risk populations in the community.
- ❖ **Goal:** The number of 11-12 year-old clients who have started a series of the HPV vaccinations series will increase from 49% to 51% by December 2020.

FOOD PROTECTION



The MCHD manages the Food Protection program in order to protect the well-being of the consumers who choose to dine or shop within the food establishments of Monroe County. The program is designed to educate and regulate the licensed retail establishments and the food handlers throughout Monroe County. In 2019 there were 804 total licenses issued by the foods division. These licenses included all retail, mobile, seasonal, pantry, and temporary establishments. This is a 9% increase since the 2018 permitting year. June of 2019 provided the challenge of the Chief Food Sanitarian retiring, leaving a position open for several months. Inspection numbers may reflect the staff shortage during that time.



EDUCATION

The foods division increased community involvement and education in 2019. Interactive handwashing presentations were given to students in RBBCSC primary schools, and Hoosier Hills Food Bank partnered with the MCHD to provide a food safety presentation for local food pantries. Educational presentations were also given to the Association of Nutrition and Foodservice Professionals, Indiana Food Safety Defense Task Force, United Way, and at Lemonade Day.

One thousand fifty-six consultations were conducted among the inspectors.

EDUCATIONAL MATERIALS

The foods division continues to work diligently to update educational materials regularly. A new Farmer's Market brochure was created in order to have all materials in one central location for current and potential seasonal market vendors. New glove use, hair restraint, horrible habits, and effective cleaning handouts were created to assist in educating restaurant operators and food handlers throughout Monroe County.

NOTABLE ACCOMPLISHMENTS

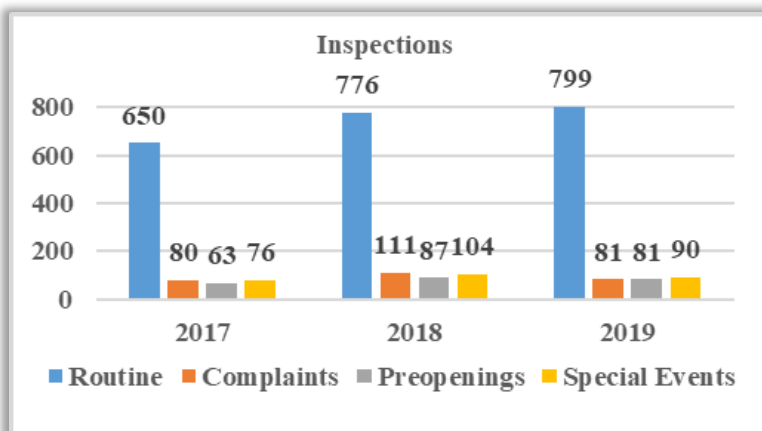
- Partnership and participation in 100 Men Who Cook event
- Earn and Learn Handwashing partnerships with Wheeler Mission and Shalom Center
- Partnership with Emergency Preparedness to give an Outdoor Food Safety Presentation
- Permitted all Food Pantries in Monroe Co.
- Participated in various Hepatitis A investigations
- Created and organized all temporary files
- Archived and shredded old facility files per protocol
- Prepared food safety educational game and participated in the Monroe County Fall Festival
- Began permitting and inspecting two hospitals in Monroe Co. per new Indiana Regulations
- Participated in IEHA Fall Conference
- Attended Crossroad Dairy tour in cooperation with the Indiana Food Protection Committee

PLAN REVIEWS

In 2019, the foods division completed 86 plan reviews for the Monroe County area. These plan reviews included those for new retail establishments, change of ownership establishments, and mobile food establishments. In 2019, new plan review questionnaires were implemented for pre-packaged food facilities only, as well as for change of ownership facilities with no construction. These plan review packets provided smoother transitions as well as lower fees for facilities that required less extensive review from the Food Sanitarians. In 2020, a plan review for catering operations from a commissary kitchen will be implemented.

INSPECTIONS

To ensure compliance with state and local laws, the food protection staff inspects each facility on a risk-based assessment of the establishment that includes the menu and population served. In 2019, the food protection staff conducted 1,148 total inspections (routine, follow-up, special event, complaints, construction site visits, and reopening inspections). Routine inspections increased by 3% in 2019 and complaints decreased by 37%.



COMPLAINTS

In 2019, the foods division received 81 complaints. The complaints were broken down by type and the Food Sanitarians also began measuring the average time spent on complaints in the second quarter of the year. On average, complaints took approximately 98 minutes. This average was determined through foodborne illness, sanitation, and pest control complaints. Other miscellaneous complaints were not included in this equation.

2019 GOALS

- ❖ **By the end of 2019, food protection staff will create and maintain a database for all retail food establishments so that it may be integrated into the USA FOOD SAFETY software for electronic inspections.**
 - Electronic inspections are still pending due to a delay in the software. The database was created, but the department was unable to maintain it due to the inability to access the program without the correct software.
- ❖ **Food protection staff will conduct inspections at two Monroe County hospitals and provide time and effort data reports by June 29 and September 29, 2019 for board of health review.**
 - This goal was partially met based on pending inspections in October. Highlights were completed and reported to the board of health in July. Any additional information/data will be reported at the beginning of 2020.
- ❖ **Food protection staff will partner with the Boys and Girls Club for Lemonade Day, held June of 2019, to provide food safety education and information on the MCHD's role in permitting retail food establishments.**
 - Met – Food staff participated in “Lemonade University” and were able to educate the participants of Lemonade Day on proper handwashing and proper food handling. Children were also issued “Certificates of Participation” to post on their stands for the day of the event.

GOALS FOR 2020

- ❖ **Goal:** Foods staff will collaborate with at least four community partners or agencies to help create food safety awareness throughout Monroe County by December 1, 2020.
- ❖ **Goal:** By June 30, 2020 foods staff will increase communication with retail food establishments. Interns within the department will develop and implement a quarterly food safety newsletter for retail food establishments and create monthly social media posts to help increase food safety awareness. Email groups have been created to communicate this email to facilities throughout the county.

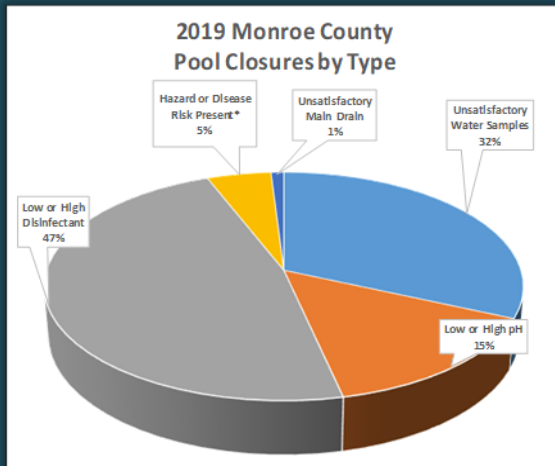
ENVIRONMENTAL HEALTH

Environmental Health (EH) staff inspect and investigate environmental health concerns including reviewing and issuing permits, investigating facilities, collecting and testing environmental samples, and referring cases to law enforcement agencies as required. Educational programs are available for the various program areas.

PERMITS AND INSPECTIONS

Pools

In 2019 EH staff issued 116 permits to aquatic facilities within Monroe County and completed 247 inspections. There were 72 closures throughout the year with the most frequent reasons being unsatisfactory water samples and improper disinfectant levels.



*Aquatic facilities may be closed if the department determines a condition, situation, or installation is created, installed or maintained that may:
(A) cause or result in a health or safety hazard; or
(B) cause or transmit disease.

Solid Waste

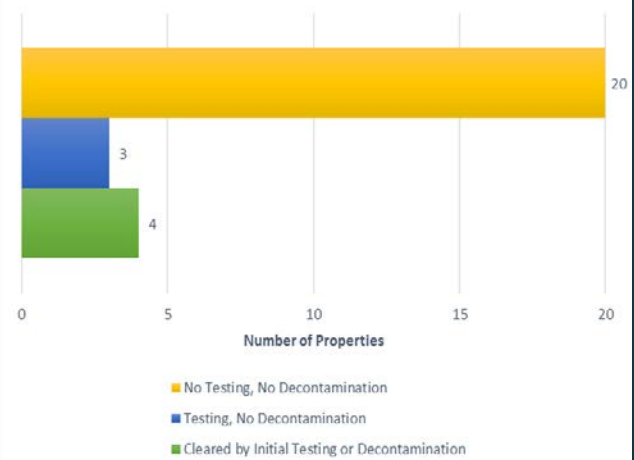
Permits were issued to six solid waste transfer stations and 111 refuse haulers in 2019. EH staff inspected five transfer stations throughout the year.

ILLEGAL DRUG LABS

EH staff monitor properties that were seized as active methamphetamine labs within Monroe County. At the end of 2019, 23 properties potentially contaminated with methamphetamine remained in Monroe County. EH staff follow up with property owners to provide information about testing for and decontamination of residual chemicals in the home.

No new lab seizures were reported in 2019. The decontamination status of properties in Monroe County in violation of the Indiana state law regarding methamphetamine labs is below:

2019 Status Monroe County Properties under the Jurisdiction of 410 IAC 38



RADON

Out of the 125 radon tests which EH staff conducted in 2019, 35% were above the EPA action level of 4 pCi/L. Re-testing is available with short-term and long-term test kits. EH staff reached out to 100% of the properties with levels above 10 pCi/L in 2018 to offer re-testing. Out of nine respondents, six had installed mitigation systems.

The Monroe County Health Department (MCHD) has accumulated information on mitigation systems installed in Monroe County based on residents reporting to us and to the Indiana State Department of Health (ISDH). Below is a table summarizing the data.

Data Source	Radon Mitigation	
MCHD	Mitigation Systems Reported	16
	Post-Mitigation Results < 4 pCi/L	93%
	Average Pre- to Post-Mitigation Reduction	90%
ISDH	Mitigation Systems Reported	207
	Post-Mitigation Results < 4 pCi/L	100%
	Average Pre- to Post-Mitigation Reduction	81%

Almost all of the mitigation systems reported in Monroe County reduced the level of radon in the home to below the Environmental Protection Agency (EPA) action level. Residents are encouraged to inform the Monroe County Health Department (MCHD) if they install a radon mitigation system to contribute to our growing database and to assist other homeowners in making a decision about radon mitigation.

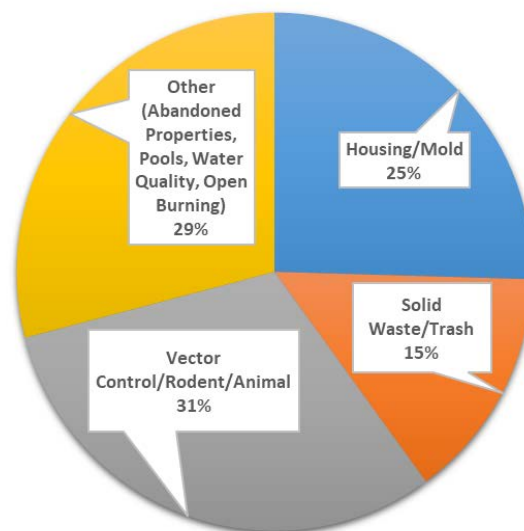
COMPLAINTS AND CONSULTATIONS

Residents of Monroe County may call EH staff for concerns they have relating to public health and the environment. Out of 55 official complaints received by the Environmental Division in 2019, 25% were in reference to housing or mold issues, while about 30% were regarding vector control and animal issues.

In addition to providing education to complainants, EH staff make appropriate referrals and enforcement actions. Vector complaints are followed up with a site investigation by EH staff, correspondence with the responsible party, and continued monitoring of the site with possible enforcement actions. Housing and mold complaints are referred to legal service providers and mitigation services. Other frequent complaints include trash and open burning, which are addressed with education and referrals to other county or state agencies.

A new database to track rental housing-specific complaints was created in 2019. This database allows EH staff to monitor various types of housing complaints and whether they are within the jurisdiction of the City of Bloomington or Monroe County. Based on the complaints received, EH staff are developing a rental housing program protocol to propose to the Monroe County Board of Health in 2020.

Monroe County Health Department 2019 Environmental Health Complaints



MONITORING AND SURVEILLANCE

Mosquitos

The Indiana State Department of Health (ISDH) monitors mosquito-borne diseases across the state. In 2019, there were no observed mosquito infections, human disease or equine cases in Monroe County for West Nile Virus (WNV), Eastern Equine Encephalomyelitis (EEE), or California Serogroup Viruses (CSV).

The Monroe County Health Department (MCHD) also hosts a platform for residents to request mosquito sampling at their homes. No new applications for sampling were completed in 2019. Access to the application is found under the Environmental Health section of MCHD's website.

Ticks

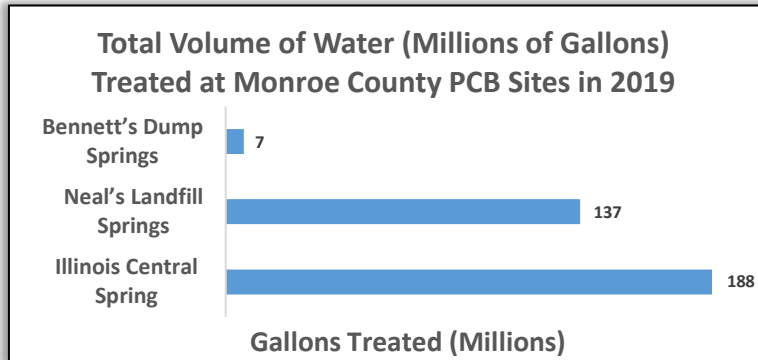
According to surveillance conducted by ISDH, between 2017 to 2019, 40% of the adult *Ixodes scapularis* ticks (black-legged ticks) found in Monroe County were infected with *Borrelia burgdorferi*, which is the bacteria that causes Lyme disease.

Residents of Monroe County should use precautionary measures such as wearing long sleeves and pants and using EPA-approved insect repellent when hiking or working in wooded areas to prevent acquiring mosquito and tick-borne illness.

REPORTS AND SERVICES

PCBs

The EPA continues overseeing work at three Superfund sites in Bloomington known as Lemon Lane Landfill, Neal's Landfill, and Bennett's Dump. These sites are part of a group of sites contaminated by PCB waste from the former Westinghouse Electric Corporation plant. Westinghouse is now CBS Corp. and is responsible for the cleanup of the sites. All sites have water treatment facilities in place.



Environmental Site Assessments

EH staff respond to informal records requests for properties in Monroe County. Records searched include, but are not limited to: spills, complaints, storage tanks, and health and safety violations. In 2019, EH staff completed 73 Environmental Site Assessment (ESA) Phase I records requests, 97% of which were completed within five days of the request. ESA requests increased by 55% from 2018.

ANIMAL BITE REPORTS

The MCHD received 218 reports of animal bites in 2019. These were roughly evenly split between occurrences within City of Bloomington limits and occurrences outside of the city, within Monroe County. The category with the highest number of rabies tests in 2019 were bat bites, followed by dog and raccoon bites.

2109 Monroe County Animal Bite Reports/Investigations				
City of Bloomington Animal Control				103
Monroe County Sheriff's Office				115
Total				218

2019 Monroe County Rabies Tests Performed at ISDH Lab				
Animal Tested	Negative	Positive	Unsat.	Total
Bat	25	0	0	25
Cat	4	0	0	4
Dog	5	0	0	5
Raccoon	5	0	0	5
Total	39	0	0	39

OUTREACH AND EDUCATION

Bug Fest

EH Staff participated in the annual Bug Fest event held at the Hilltop Garden and Nature Center in Bloomington. The event allowed staff to share information and resources about vector-borne disease and identifying insects of public health significance.



*Environmental Health and Health Education staff (above)
– Hosting an educational booth at Bug Fest 2019.*

2019 GOALS

- ❖ **By December 31, 2019, EH staff will contact 50% of homeowners whose radon levels were 10.0 pCi/L or greater in 2018 tests, and offer to re-test.**
 - Met – EH staff contacted 100% of homeowners who met the above criteria by November 12, 2019 and received nine responses. Six respondents had installed radon mitigation systems.

GOALS FOR 2020

- ❖ **Goal:** By December 31, 2020 EH staff will complete follow-up inspections within three business days for 50% of facilities closed during a routine inspection to offer technical assistance and determine reason for non-compliance. These inspections will be done in addition to the existing protocol of following up via telephone after pool closures.
- ❖ **Goal:** By July of 2020, EH staff will submit a policy proposal to the Health Board that includes responding to rental housing complaints by sending complaint notices to landlords. If approved, staff will implement this new process by August 1, 2020.

WASTEWATER SANITATION

For the 2019 season, staff from the wastewater division inspected and approved Presby Advance septic systems for 47 new homes that were constructed. In addition, 83 new Presby septic systems were installed and inspected for the repair of older in-ground septic systems such as aggregate, chamber and graveless pipe on existing homes. Many of the repairs were for septic systems that were showing signs of failure such as effluent on the ground surface, the field no longer taking water from the home, or grey water lines running to the hillside. There were a few septic system replacements due to being undersized or because of the system's age. This usually occurred at the request from new homeowners or mortgage companies during real estate transactions.



Ryan Kasper-Cushman, Wastewater Sanitarian (above) – “On the job”.

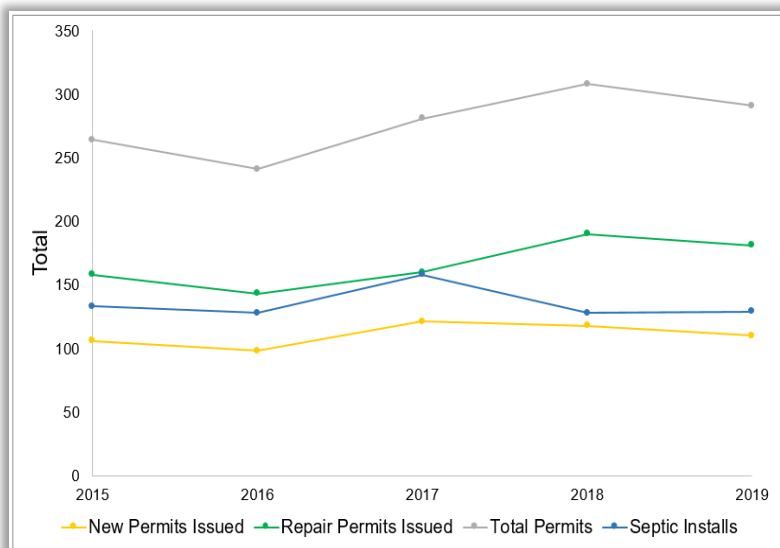
There are usually four to five different points of inspection conducted on the installation of one site. Installations may require anywhere from a period of two days to possibly a week, and several inspections are conducted over that time. These inspections require an initial meeting with the builder, owner, and/or installer on the site. This is to ensure that the exact location is obtained for the installation and the desired type of system installed. Although Presby septic systems are somewhat uniform, they can vary in number of pipes, area of the bed, depth of the bed, depth of the sand within the bed, etc. This is all based on the number of bedrooms of the home, topography of the site, type of soil present before any limiting layer such as limestone, sandstone, fragic characteristics, or other restrictions.

The first Presby product septic system was installed in the spring of 2006. The product ‘Presby Environmental’ has been modified and renamed ‘Presby Advance’ septic system and has a new, thicker cover material which allows more surface area for the extensive bio mat to form, increasing more colonies of bacteria which ultimately break down the septic effluent.



PERMITS

During 2019, 291 septic permits were issued. This consisted of 110 new septic permits for new construction and 181 repair permits. The repair permits were issued for failing systems, for home remodeling or replacement requiring a new septic, and whenever required by the Monroe County Building Department. When a permit is required by the Building Department, staff conduct an inspection of the septic system.



ADDITIONAL PROGRAMS

In addition to the normal course of work, onsite analysis, customer consultations, permitting, inspections, enforcement, and paperwork, members of the wastewater staff:

- Directed a School of Public and Environmental Affairs (SPEA) Fellow with the completion of a two-year effort to catalogue and sample wells in Monroe County. A new Paul H. O'Neill SPEA Fellow is continuing this effort.
- Provided guidance to a summer intern completing a field GPS survey of all known holding tanks at Monroe County campgrounds.
- Participated as a community member on the IU Institutional Biosafety Committee.
- Served as Treasurer for the Indiana Environmental Health Association (IEHA) Southern Chapter.
- Collaborated with the Harm Reduction Educator to successfully prepare and administer the 2019 Science Olympiad Disease Detectives event.

Effluent seepage found on a local complaint (right).

WASTEWATER DISPOSAL COMPLAINT PROGRAM

The Wastewater Disposal Complaint Program follows the general sewage disposal requirements set in Monroe County Code 365-8 (A) and Indiana State Board of Health (ISDH) Rule 410 IAC 6-8.3-52(a). Upon receiving a complaint, fact-finding documents are compiled and wastewater staff will conduct an initial field investigation within three business days. The investigation process can include walking the site to verify a direct point source discharge from a specific location such as a septic tank riser or broken sewer pipe, collecting wastewater samples for laboratory analysis, utilizing colored tracing dye, photographing the site conditions, interviewing interested parties, and examining in-house plumbing. Once evidence is collected substantiating a complaint, the property owner is notified in writing with a Health Officer Order via mail outlining the nature of the violation, remedial action necessary for compliance, and set time frames to correct the violation. The Monroe County Health Department (MCHD) conducts follow-up investigations to monitor compliance with the Order. Remedial action can range from repairing a broken or clogged sewer lateral or re-routing plumbing, to replacing existing septic tanks and drainage field systems. Failure to respond to the Health Officer Order will result in the Monroe County Legal Department taking necessary steps to file a complaint in the Monroe County Circuit Court.

In 2019, there were 65 new complaints filed (up from 51 in 2018), 35 of which were substantiated failures (compared to 21 confirmed failures in 2018). Of the 35 substantiated complaints, six have been satisfactorily repaired and 29 are pending repairs to be resolved in 2020. There are currently 140 open sewage discharge complaints spanning initial complaint years from 1990 to 2019. There were two Notice of Violations issued and one case that was heard in the Monroe County Circuit Court.



REAL ESTATE / LOT IMPROVEMENT INSPECTION PROGRAM

For a Real Estate Inspection, staff collect fact-finding documents and physically inspect onsite sewage disposal systems for the purpose of real estate transactions, title changes, refinances, and lot improvements. This service is provided after the property owner, buyer, or agent submits an inspection application and pays the required fee. Once the application is processed, the inspection begins with an in-house file and record search regarding the site. If any documentation is found, copies are included with the report. Next, a visual evaluation of the site is conducted. This begins by walking the premises and establishing a perimeter for the inspection. The tank and field area are visually examined for signs of seepage, system overload, or illegal discharge conditions. Any details of the system are described on the inspection report. The inspection report is then completed with the inspector noting whether a visible failure was observed or not. Tank maintenance is recommended when there is no record of it being serviced within the previous three years. Actively failing septic systems move to a new complaint case subject to enforcement.



In 2019, there were 102 Real Estate Septic Inspection applications submitted (up from 83 in 2018). Of the 102 applications, eight inspections revealed actively failing septic systems and 43 inspections revealed septic systems with increased failure risk factors. The purchase of a digital endoscope made interior inspections of septic tanks much more feasible and allowed visible access to some otherwise concealed features of the septic system.

WELL INSPECTIONS

For the third year of the Monroe County Residential Well Water Survey, the program was transferred from Rene Lloyd to Shian'ah Cox in November of 2019.

There were 15 private wells sampled and 123 letters sent out in order to reach possible well owners or to convey test results. All of these tests included bacteria, nitrates, arsenic, lead, and copper. Rene Lloyd hosted a training with 18 registered attendees earlier in the year.



Shian'ah Cox, SPEA Fellow (above) – Conducting a full well assessment for a local homeowner.

Monroe County Health Department Residential Well Water Survey 2019			
Contaminant	# of tests	% of total detection	% above acceptable limit
Nitrates/Nitrites	13	39%	0%
Lead	13	15%	0%
Arsenic	13	0%	0%
Copper	13	100%	0%
Total Coliform	13	77%	77%
E.coli	13	38%	38%

Of all the tests conducted in 2019, none were above threshold for any metals or nitrates. However, 77% were considered unsatisfactory due to total coliform found and 38% were found unsatisfactory due to *E. coli*. It was found that 15% of the wells tested had an associated well log in the Indiana Department of Natural Resources database.

The association with the Rural Community Assistance Program continued in November with a full well assessment conducted at a well site in Gosport, Indiana while the SPEA Fellow was present.

Members of the wastewater staff initiated a plan to follow up with the “Collection and Analysis of Drinking Water Well Samples for PCB Content” that was conducted in November of 1986 by SPEA. There will be a retest for PCBs (polychlorinated biphenyls) in well water at specific addresses to confirm that there has not been any further leaching of PCBs into the ground water from the Bennett’s, Lemon Lane, and Neal’s Landfill superfund sites in the Bloomington area.

2019 GOALS

- ❖ **Wastewater staff will review 100% of open inspection reports from 2018 for completeness, and close the reports by August 30, 2019. This will ensure all reports include a soil test, any photographs, elevation pictures/drawings, and the inspection form.**
 - This goal was completed on time.
- ❖ **Wastewater staff will enter 100% of the completed inspection reports into the database by August 31, 2019.**
 - This goal was not completed until the last week of December 2019, but all 2019 inspection reports were filed by that time.
- ❖ **Wastewater staff will review a minimum of 18 complaint files per month, with 100% being closed or sent for enforcement by August 30, 2019.**
 - This department has 138 active sewage discharge/failed septic complaints. There were 65 complaints initiated in 2019, 35 of those were substantiated and six of them were resolved in 2019, leaving 29 that have carried over into 2020 along with the aging caseload. They span from an initiation date of 1990 (only one, the Lake Lemon Mobile Home Park), through 2020 at this point.

Even court orders to vacate the premises and the disconnection of water services do not work in some cases. Of the 140 cases, 111 of them are older than 2019 and pending re-inspection.



GOALS FOR 2020

- ❖ **Goal:** By February 28, 2020, Wastewater staff will maintain a list of all repaired septic system installations of the 2020 season that are being replaced due to failure of the system. Certain details will be noted such as:
 - What is the specific type, the estimated age, and the possible depth of the original septic system?
 - Was there a record of the initial installation?
 - Was the system undersized for the existing structure?
 - Was the initial failure possibly due to poor shallow soils and/or a high seasonal water table?
 - Was there any type of perimeter drain present on the old system?

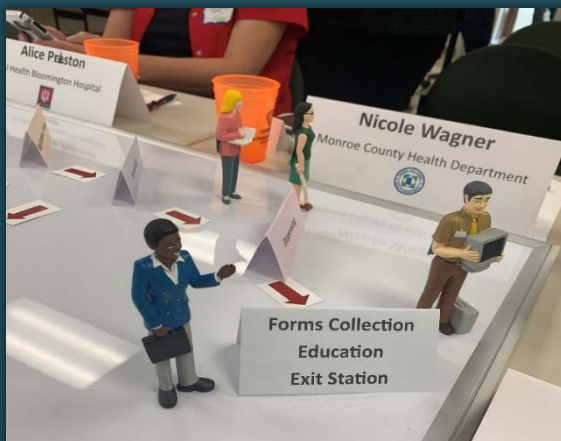
This information may aid in the determination of the best type of septic system for future installations in various parts of the county. The information will be collected until November 27, 2020. A final report of the results will be completed by December 12, 2020.

PUBLIC HEALTH PREPAREDNESS

The Public Health Emergency Preparedness Coordinator works collaboratively within the health department and with local, district, and state partners to develop and review local plans, coordinate and conduct preparedness exercises, and respond to public health emergencies. Training and exercises are a key aspect of preparedness in order to incorporate best practices, as well as network with other preparedness individuals and agencies.

EXERCISES / POINT OF DISPENSING (POD) / CLINICS / OTHER

- POD game – Monroe County Health Department (MCHD) staff and partners
- POD set-up – MCHD staff and partners
- Assisted with Mumps clinic
- Assisted with Hepatitis A clinics
- Assisted with large bat investigation
- Assisted with school flu clinics
- Flood damage assessment calls
- Updated POD trailer and provided review sessions for staff



MEETINGS / COALITIONS

- The Public Health Emergency Preparedness Coordinator (PHC) is the Chairperson for Monroe County Community Organizations Active in Disaster (MoCOAD). Three workgroups were started for Membership and Resources, Communications, and Long-Term Recovery.



- Local Emergency Planning Committee (LEPC)
- District 8 Emergency Preparedness and Planning Coalition (EPPC)
- District 8 Local Health Departments
- Monroe County Medical Reserve Corps (MRC)



Health Department staff and numerous local agencies participate in a POD game to test capabilities (above, left).

TRAININGS / EVENTS

- District 8 Emergency Preparedness & Planning Coalition Asset Rodeo
- CHIRP training (immunizations)
- Preparedness Summit
- Iloveyouguys training (crisis reunification)
- Epi-ready training
- D8 EPPC Homeland Security Exercise and Evaluation Program (HSEEP) Exercise
- Stop the Bleed
- Infectious Disease Summit
- Community Healthcare Planning and Response to Disasters
- Indiana State Department of Health (ISDH) Orientation
- Indiana Environmental Health Association (IEHA) Conference
- Redeveloped and utilizing new MCHD Employee Preparedness Training



Successful teamwork with local partners at a Mumps clinic.

2019 GOALS

- ❖ **The PHC will plan and implement a Point of Dispensing (POD) game by June 2019.**
 - Met – The POD game was held on June 6, 2019 at the Ellettsville Fire Station. There were 31 attendees representing 11 agencies.
- ❖ **The PHC will hold a communications drill to test ESF 8 partners, Health Department staff, and MRC volunteers by June 2019.**
 - Met – A communications drill was held May 23, 2019.
- ❖ **The PHC will meet grant deliverables on time in 2019.**
 - Met – All deliverables were met on time.



The Public Health Coordinator and the Medical Reserve Corps. Coordinator display the POD trailer and other resources at the District 8 Asset Rodeo.

HEALTH FAIRS AND EDUCATION

- Ivy Tech Resource Fair
- Latino Health Fair
- Bloom Health Fair
- IU Volunteer Fair
- Coordinated Your Health Matters program series with Monroe County Library

ADDITIONAL

- Awarded grant for Animal Response Kits - 37 kits distributed to local fire departments
- Assisted with Syringe Response Program / developed needle call guide sheet

GOALS FOR 2020

- ❖ **Goal:** The PHC will create a comprehensive list of all healthcare partners in Monroe County by April 2020.
- ❖ **Goal:** The PHC will hold three meetings with health care partners by June 2020.
- ❖ **Goal:** The PHC will develop a Closed-POD kit by August 2020.

VITAL STATISTICS

Staff in the Vital Statistics (VS) Division provide birth certificates, death certificates, paternity affidavits, process home births, food licenses, septic permits, and assist the internal divisions and general public.

DEATHS

Annual Report Death Info

Location of Death	2019	2018	2017
Decedent's Home	253	293	268
Hospice Facility	305	344	312
Hospital - Dead on Arrival	1	2	3
Hospital/Emergency Room/Outpatient	49	49	50
Hospital - Inpatient	316	310	356
Nursing Home/Long Term Care Facility	292	251	232
Other	36	44	47
Total	1252	1293	1268
Veteran Deaths	281	279	269
Fetal Deaths - (Fetus delivered as a "stillbirth"; did not take a breath after delivery)	14	11	18
Age	2019	2018	2017
Under 1 Year	7	8	3
1 Year to 19 Years	9	6	6
20 Years to 30 Years	31	23	22
31 Years to 50 Years	79	60	67
51 Years to 70 Years	317	357	356
71 Years to 99 Years	795	823	800
100 Years to 105 Years	12	16	14
106 Years to 110 Years	2	0	0
Total	1252	1293	1268

*Primary cause of death linked to prescription or non prescription drug.



VS Staff (above, left to right) – Nathan Gilbert, Teresa Benassi, Rocky Festa, and Jamie Hartnett-Russell

Cause of Death Per Category	2019	2018	2017
Alzheimers/Dementia	50	49	64
Cancer	203	232	240
Cirrhosis	7	15	16
COPD	33	41	40
Diabetes	4	2	3
Drug Related*	32	25	31
Heart Disease	274	299	304
Pneumonia	49	58	50
Renal	51	53	43
Sepsis	49	62	63
Other	500	457	414
Total	1252	1293	1268
Coroner Report - Manner of Death	2019	2018	2017
Accident	44	45	60
Homicide	4	6	3
Natural	105	115	95
Suicide	23	26	22
Undetermined	6	4	1
Total	182	196	181
Death Certificates Filed	1252	1291	1268
Death Certificates Issued	6689	7483	7225

Monroe County Birth Rates

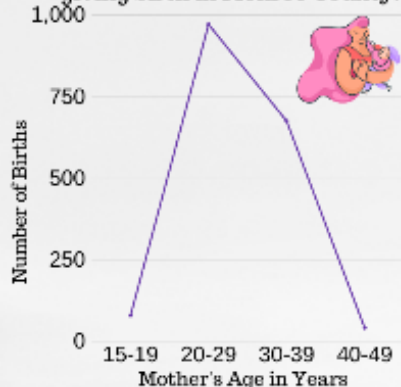
Roll Call

There were 1764 babies born in 2019. That is enough to fill 47 school buses.



The Average Age of Motherhood

28.21 was the average age of a mother giving birth in Monroe County.



Quick Stats

Birth General

Home Births: 26
Hospital Births: 1738
Unmarried Births: 573
Married Births: 1191

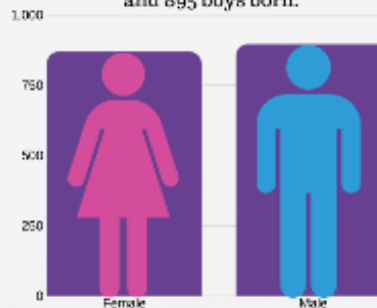
Birth Certificates Issued

2019: 5242
2018: 5394
2017: 4814
2016: 4745
2015: 4540



Battle of the Sexes

This year there were 869 girls and 895 boys born.



Twinning It

There were 33 sets of twins born this year! That is 4 more than last year!



1.9% of all births resulted in a two for one special

One Busy Day

3/26/2019 was the day with the most babies born, with 11 single births.



2019 GOALS

- ❖ Vital Statistics staff will revise birth certificate applications and implement their use by June 1, 2019. This will make the applications more user friendly for customers and provide important information for the customer so they can obtain a birth certificate successfully.
 - Met – The birth applications were updated June 1, 2019. It has proven to be very helpful for customers and Vital Statistics staff.
- ❖ Due to the enormity and unforeseen challenges of updating the Death Indexes, the final stage will be implemented in three phases by Vital Statistics staff. Phase 1 (putting all death records in death index database, make uniform spreadsheets, and separate indexes by year) will be completed by December 2019.
 - Not Met - Unforeseen obstacles prevented 100% completion of Phase 1. 75% of Phase 1 has been completed.

- ❖ Vital Statistics staff will transfer all birth applications to secured, labeled containers by December 2019 in order to improve preservation of the documents.
 - Met – All the birth and death applications were transferred and secured into labeled, waterproof containers for preservation of the documents by December 2019.

GOALS FOR 2020

- ❖ Goal: Begin using new document binders for birth records with record binders designed for longevity and record retention. New binders will be used for 2020.
- ❖ Goal: The Assistant Registrar managing death records will complete the last quarter of Phase 1 of death indexing by June of 2020.

SOCIAL MEDIA



FACEBOOK

In 2019, the Monroe County Health Department (MCHD) managed four active Facebook pages using Facebook Business Manager.

Over the course of 2019, the main MCHD Facebook page received 69 new page likes (a 33% increase from 2018) and reached 32,486 people with posts. MCHD posts were liked, commented on, or shared 1,507 times. Posts that received the most interest from the public had to do with local issues and events such as the Hepatitis A outbreak, the DEA Drug Take Back Day, and the “Ramp Up Awareness” call for artists.

The Futures Family Planning Clinic Facebook page received 53 new page likes (a 45% increase from 2018), reached 4,117 people with posts, and posts were liked, commented on, or shared 151 times.

The Medical Reserve Corps (MRC) Facebook page received six new page likes and reached 270 people with posts.

The Baby & Me Tobacco Free (BMTF) Program Facebook page received nine new page likes, reached 1,015 people with posts, and posts were liked, commented on, or shared 128 times.

For 2020, the MCHD will focus on posting items of interest to the community with a wider variety from each division of the health department.

TWITTER

MCHD Twitter posts made 47,826 impressions, according to the company’s analytics (impressions are the number of times tweets are posted in a follower’s feed). This is an increase of over 200% from 2018.

 200%

The use of twitter allows MCHD to expand its outreach and share health and safety information quickly with the community.

The most popular tweet this year concerned staying safe and warm during a particularly frigid week in January. It informed readers about having a winter vehicle preparedness kit and the items to put in it.



The second most popular tweet told residents where they could obtain smoke detectors and have them installed free through a program with the Red Cross and Indiana Department of Homeland Security.



2019 GOALS

- ❖ **Increase “likes” on the Monroe County BMTF Facebook page from four to ten by December 2019, by encouraging Baby & Me participants to like the page at their first appointment.**
 - Met – A label was created to attach to client folders at their first session, and staff exceeded this goal by increasing page likes from four to 13.
- ❖ **Increase tweets in 2019 to an average of ten per month to increase twitter impressions 10% from 2018 levels.**
 - Met partially – Increased twitter impressions by > 200% over 2018 numbers with an average number of five tweets per month.
- ❖ **Increase social media outreach by creating a Snapchat account for Futures Clinic by December 2019.**
 - Not met – After researching, it was determined that this platform is largely unsuitable for Futures. Clinic staff have been focusing on developing social media on other platforms.

The figures below and to the left are just a few of the topics that are posted on the MCHD's various Facebook pages.



GOALS FOR 2020

- ❖ **Goal:** Increase Facebook fans on the main MCHD Facebook page by 15% for a total of 428 by December 31, 2020.
- ❖ **Goal:** Increase tweets to an average of 6.5 tweets per month (30%).
- ❖ **Goal:** Increase Facebook fans on the Futures Facebook page by 15% by December 31, 2020.



Prenatal Care Grant Final Report 2019

December 31, 2019

The purpose of the Monroe County Health Department Prenatal Care Grant is to provide prenatal care for low income, uninsured women who do not qualify for state Medicaid prenatal care or other insurance options. Through this grant, eligible patients are referred to Dr. John Labban, a licensed obstetrics specialist who partners with VIM to provide discounted services in conjunction with this grant.

During 2019 a total of \$10,500 was disbursed to VIM from the grant. In addition, \$3,300 remained from the 2018 grant. In the course of the year, 14,168 was spent for prenatal services. With this funding 12 women received prenatal services through their full-term deliveries. Full prenatal care includes, as appropriate, prenatal office visits, health assessment, prenatal vitamins, nutrition consultation, social work services, routine prenatal lab tests, and post-partum office visits as needed. In addition, 12 women had ultrasounds, and two women had partial prenatal care. Finally, two women needed a Rhogam injection which is used to prevent an immune response to Rh positive blood in people with an Rh negative blood type. All services were provided by Dr. Labban.

Volunteers in Medicine is very grateful for this grant and for funding support over many previous years. We have been pleased to collaborate with the Monroe County Health Department and Dr. Labban. This collaboration has offered women, who otherwise would not have been able to access prenatal care, the vital services that bring about improved outcomes for mother and baby, as well as providing a much-needed safety net for a vulnerable segment of our community's members.

Thank you!

Respectfully submitted,

A handwritten signature in black ink that reads "Nancy E. Richman". The signature is written in a cursive, flowing style.

Nancy E. Richman, Ph.D., M.P.A.
Executive Director

5,395

Immunizations
administered
in 2019

3/26

The day the most
babies were born in
2019 (11 single
births)

26

Babies born to
smoke free parents
through the Baby &
Me Tobacco Free
Program in 2019

804

Food
establishment
licenses issued
in 2019