

ANNUAL REPORT 2021



Monroe County Health Department
119 West 7th Street Bloomington, IN 47404



A YEAR IN REVIEW
Overview & Accomplishments

LOOKING TO THE FUTURE
Goals & Objectives

2021

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

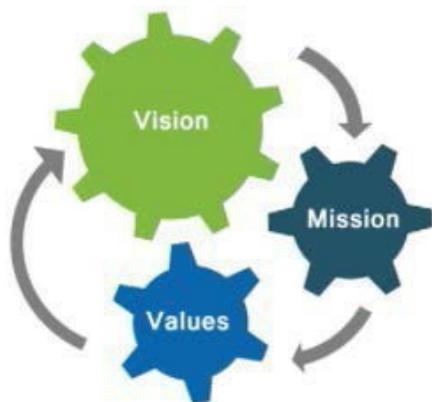
Accountability – We value reliability (trustworthiness) and willingness to accept responsibility, both individually and in teams.

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 judgement, 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.



Successfully managed
mass COVID-19
Vaccination Clinic at the
Convention Center

Monroe County Health
Department building
remodel was completed

Public Health Clinic hosted
a COVID-19 Vaccine clinic
throughout the year

INDEX

I.	Staff Roster	1
II.	Forward	2
III.	Organizational Chart	3
IV.	Department Information	4-5
V.	Health Department Fee Income	6
Community Health		
VI.	Disease Intervention	7-9
VII.	Futures Family Planning Clinic	10-13
VIII.	Population Health & Outreach	14-19
IX.	Monroe County Public Health Clinic	20-25
Environmental Health		
X.	General Environmental Health	26-28
XI.	Food Protection	29-30
XII.	Wastewater Sanitation	31-34
XIII.	Public Health Emergency Preparedness	35-39
XIV.	Vital Records	40-41
XV.	Social Media	42-43

COMMISSIONERS

Julie Thomas
(President)

Penny Githens
(Commissioner)

Lee Jones
(Vice President)

COUNCIL

Eric Spoonmore, President
Kate Wiltz, President Pro Tempore
Geoff McKim
Cheryl Munson

Peter Iversen
Marty Hawk
Trent Deckard

BOARD OF HEALTH

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

HEALTH DEPARTMENT STAFF

Penny Caudill	Administrator
Jamie Hartnett-Russell	Financial Manager
Kate McClory(PT)	Administrative Assistant
Miranda Ettinger	Disease Intervention Specialist/Program Manager
Clark Davis	Disease Intervention Specialist
Aaron Schaidle(PT)	Disease Intervention Specialist Assistant
Ashley Bergquist	Environmental Health Services Manager
Simeon Baker	Sr. Environmental Health Specialist: General
Kody Clark,Sarah Larson,Ben Hobson	Environmental Health Specialist: General
Nicole Wagner	Sr. Environmental Health Specialist: Foods
Jessica Brown, Michael Kuzemka	Environmental Health Specialist: Foods
Randy Raines,Ryan Cushman	Sr. Environmental Health Specialist: Wastewater
Shian'ah Cox,Lynette Murphy (PT)	Environmental Health Specialist: Wastewater
Kathy Hewett	Population Health Outreach Manager
Melanie Vehslage	Sr. Community Health Specialist: HarmReduction
Lashanna Wooten	Community Health Specialist
Linnea Hubbard(PT), Aubrey Seader(PT), Mary Stalcup	Call Response & Data Collection (COVID Hotline)
Christina Kempf	Public Health Preparedness Coordinator
Emily Kinnarney(PT)	Public Health Preparedness Assistant
J.A. "Rocky" Festa	Vital Records Registrar
Kathy Hertz,Megan Winters	Vital Records Assistant Registrar
PatCullins(PT)	Data Entry Clerk

FUTURES FAMILY PLANNING CLINIC STAFF

Peggy Ryan	Family Nurse Practitioner
Lauretta Ionoff	Licensed Practical Nurse Clinic
Chris Husted	Manager Certified IN Navigator
Scott Stowers(PT)	

Note: List does not include staff who worked less than 1 quarter of the year (ex. an employee who started in the fourth quarter). The list does not indicate position changes within the department.

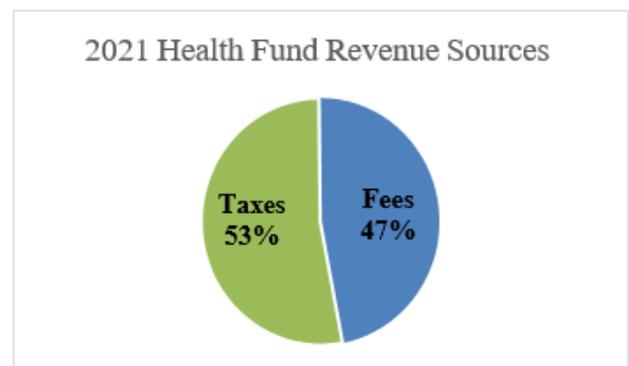
FORWARD

This annual report details the administrative and field activities of the Monroe County Health Department (MCHD) for 2021 pursuant to Indiana Code (I.C.) 16-20-1-7.

There are seven divisions within the MCHD, including a federally funded family planning clinic. MCHD also partners with Indiana University Health Bloomington, Community Health Services to provide public health nursing services to the community. In 2021, the MCHD oversaw a health fund budget that exceeded \$1,400,000 and was awarded sixteen (16) grants exceeding \$1,600,000. There were 20 full-time positions and 3 FTE (part-time) positions supported through the county health fund, as well as a total 7 full-time and 3 FTE employees supported through grants to provide routine public health service to the community. In 2021 the department was able to add two manager positions. An Environmental Health Services (EHS) Manager was hired to oversee the EHS Division. This division includes wastewater/septic, food protection, and the general environmental sections. A Population Health and Outreach Manager was hired to oversee what was the education division. This division includes tobacco cessation, Medical Reserve Corp coordination, Harm Reduction and accreditation activities. As the population in Monroe County continues to increase, the need for more public health employees intensifies. The SARS-CoV-2 pandemic led to some additional part-time staff hired to assist with the county response.

FEEES

Fees are charged for some services that the MCHD regulates such as permits and birth certificates. In 2021, health fund fees amounted to over \$490,000. In 2021 the longstanding STD grant was moved out of the health fund and into a separate fund. The graph below shows where revenue for the health department's basic services came from. Clients of Futures clinic receive services based on a sliding scale and insurance is accepted. Nearly \$70,000 was received in revenue through patient fees, donations, Medicaid, and Third-party payers.



HEALTH BOARD

Per IC 16-20-2-4 the local Board of Health, which is 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 our Board members help to lend a balanced outlook to our community-based health programs and needs. The Board met 18 times in 2021. Pre-pandemic the Board met quarterly. During the pandemic they met frequently in order to assess regulations and make changes quickly. Public meetings remained remote (zoom) through 2021. These meetings are open to the public and input is welcomed and encouraged.

BOARD OF HEALTH
7 Member Board
Assigned by Board of Commissioners

HEALTH DEPARTMENT
Health Officer

Administrative Assistant (PT)

Financial Manager

HEALTH DEPARTMENT
Administrator

Medical Director

MC Public Health Clinic

Public Health Coordinator
PH Preparedness Assistant (PT)

Futures Family Planning Clinic
Clinic Manager
Nurse Practitioner
LPN
Certified INS 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, Enviro, & WW)

Food Protection
Chief Food Sanitarian
Food Sanitarian
Food Sanitarian

Health Education
Health Educator / PIO / Accreditation Coordinator
Health Educator / MRC Coordinator
Health Educator (Harm Reduction)

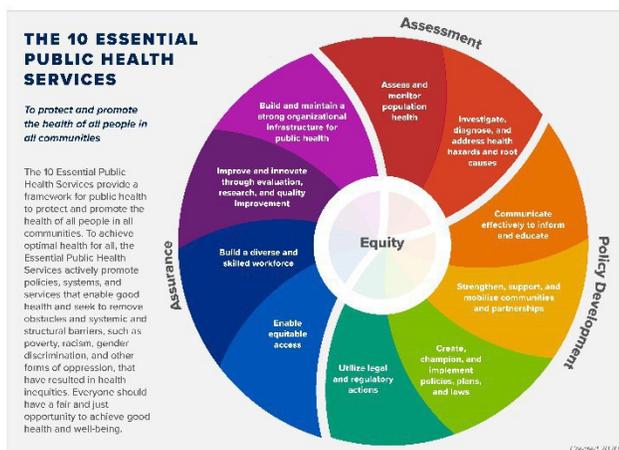
On-site Wastewater Disposal
Waste Water Sanitarian
Waste Water Sanitarian
Environmental Health Specialist Assistant (PT)

Vital Statistics
Registrar
Assistant Vital Statistics Registrar
Assistant Vital Statistics Registrar
Data Entry Clerk (PT)

Disease Intervention Specialist / Prog. Coordinator (DIS)
Disease Intervention Specialist (DIS)
DIS Assistant (PT)

THE 10 ESSENTIAL SERVICES AND QUALITY IMPROVEMENT ACTIVITIES

The 10 Essential Services are the framework used in the public health system to assess how well our department is performing and providing to our community. The MCHD's focus is centered on three core functions: to assess the health of the community and investigate health problems, to develop policies and plans that mobilize community partnerships to inform and educate the citizens, and to provide assurances to the public that we will enforce the laws and regulations necessary to protect the public and link people to needed personal health services.



The following link provides more details:
<https://www.cdc.gov/publichealthgateway/publichealthservices/essentialhealthservices.html>

Due to the COVID-19 pandemic, many normal activities in 2021 were slowed. However, the department maintained a focus on quality improvement especially in decisions and planning related to COVID-19. Year two of the COVID-19 pandemic saw continuous change. In January the department opened the vaccine clinic at the Monroe County Convention Center. Eligible groups were continually added and other vaccination sites became available. Indiana University continued to partner with the department and opened a community vaccine site at IU Simon Skjodt Assembly Hall. With the warmer summer weather there seemed to be hope for an end to the chaos of the prior eighteen months. Testing sites were closing and regulations easing, yet another surge emerged.

The end of the year ushered in Delta and Omicron, yet another new variant. The fall did have tools available that were not available in 2020. Testing was robust, vaccine was available to an ever growing population, booster doses were available, treatments were available, and with continued research more was known about the virus and how to care for those with severe disease.

Throughout the year the department monitored and assessed data, partnered with mobilized partners, and sought to serve the community in a fair and equitable way despite the challenges faced daily. The sections of this report will outline some of the measures taken. The department cannot thank everyone enough for their support and collaborations. Without County Government support from the Board of Commissioners, County Council, the Legal Department, Emergency Management Department, Human Resources, the Airport, and all County Departments, the Health Department could not have met the many demands of the year.

The local officials group met at least weekly and held joint press conferences on Fridays during the pandemic. This provided an opportunity to share information and maintain balanced and clear messages. This core group included the County Commissioners, the City of Bloomington Mayor, EMA Director, Indiana University, IU Health Bloomington, and the Monroe County Health Department.



The above is from a Friday, COVID Press Conference: MCHD, Co. Commissioners, City of Bloomington, IU Health, IU, and EMA.

STAFF TRAINING

As there was no staff retreat due to COVID-19, online training continued and some in-person training returned.

Continuous learning is a value held by the current department. Staff are encouraged to stay current, develop new skills, and to improve existing skills regularly. Some trainings and conferences attended by staff include (but are not limited to):

- AIB International Food Training
- Pool & Spa Operator
- FDA Retail Food Protection Seminar
- Cultural Competency Training
- Emergency Preparedness Training
- Various FEMA/NIMS trainings
- Passport to Partner Services: Track D Training
- NGWA Groundwater Association Conference

A 2017 review on investment of public health found that high-income countries median return on investment of 14 to 1.22. Unfortunately we do not realize the need to adequately fund public health until an emergency arises even though the fiscal and social returns are considerable. Coronavirus and other health pandemics are most likely to happen again. Investing in public health is an investment in everyone's future.

-Kay Leach, R.N., Monroe County Board of Health

2021 DEPARTMENT HIGHLIGHTS

- Successfully managed a mass vaccination clinic for several months
- Health Department staff successfully moved back to the main office following the remodel.
- The Covid Clinic at the Public Health Clinic was a huge success.
- Environmental Health Services started using OpenGov as a way to streamline processes.
- Vital Records created a new pamphlet for IU Health to give new mothers regarding birth certificate information.
- All old patient records in Futures were digitized.

2021 GOALS

- **Administrative staff will complete PAC/Council process for two manager positions to be hired on in 2021.**
 - *Met.* Two positions were approved and hired. Population Health and Outreach Manager; Environmental Health Services Manager.
- **Staff will assist in getting at least 70% of Monroe County Vaccinated with the Covid-19 Vaccine by December 2021.**
 - *Partially met.* The goal of 70% was not met, although by December 31, 58% were fully vaccinated.

GOALS FOR 2022

- **Goal: By May 1, 2022 leadership team will assess and implement a revised Code review process.**
- **Goal: The department will complete the CHA process and present the CHIP to the Board of Health in October 2022.**
- **Goal: By August 2022 the department will begin implementing preparedness improvement plans identified throughout the After Action Report.**

The Monroe County Health Department would like to thank all who volunteered hundreds of hours throughout 2021. Outreach, testing sites, and vaccine planning could not have been done without the help of all of you.

Disease Intervention

In 2021, the Monroe County Health Department (MCHD) continued to receive a grant for sexually transmitted disease prevention from the Indiana Department of Health (IDOH). 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 2021 calendar year, Monroe County employed two full-time Disease Intervention Specialists (DIS) and one part-time DIS Assistant through grant funding. An IDOH-employed DIS is also housed at the Monroe County Health Department, for a total of three fulltime DIS and one part-time DIS covering Indiana's STD District 7.

CASE DETECTION THROUGH SCREENING

The Disease Intervention Specialists provides chlamydia, gonorrhea, syphilis, HIV, and hepatitis C testing to those persons deemed at risk of disease, such as partners to cases and high-risk populations. The department also works closely with Positive Link, another IDOH-funded program, to ensure that testing is available to individuals within the community. The DIS were able to return to monthly testing at a local bar in July, and began to introduce more in-office testing and field testing at the beginning of 2021.



CASE FOLLOW UP

The DIS track sexually transmitted diseases through case investigation, 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 contact providers to ensure treatment of cases.



DIS partnered with the Harm Reduction program to offer outdoor testing events

QUALITY IMPROVEMENT

In accordance with IDOH requirements, DIS have implemented a quality improvement (QI) project in 2021 to increase PrEP referrals. DIS designed metrics for a QI project and collected data on PrEP referrals. They screened all patients for PrEP that had an HIV test and noted various risk factors as well as if any referrals were made. Additionally, they collected disparity measures including age, race, gender, insurance status, housing status, and transportation status. After reviewing the data, DIS determined some of the primary factors contributing to a lack of PrEP referrals included:

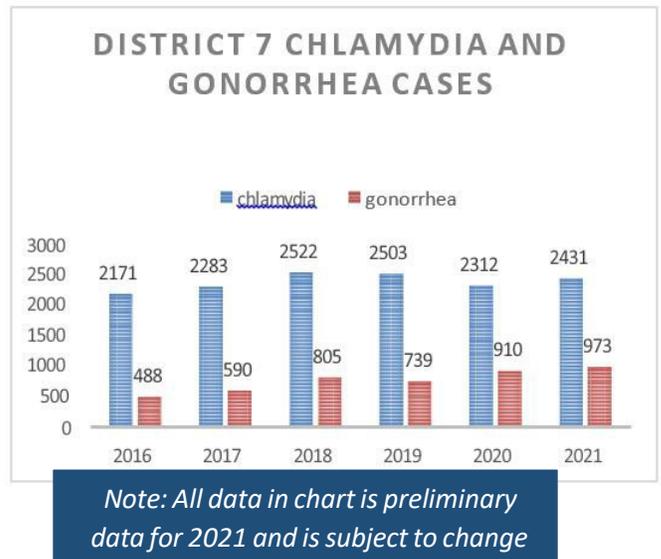
1. DIS not receiving formal PrEP training
2. Not having enough outreach services for at-risk populations
3. Not screening enough patients
4. Patients lacking resources to care for their health

DIS were able to implement many solutions to increase PrEP referrals for those at risk of HIV. Some of the solutions identified include increasing outreach testing, receiving PrEP training from PrEP navigators at Positive Link, complete online trainings, and increase resource and referral options for patients requiring assistance.

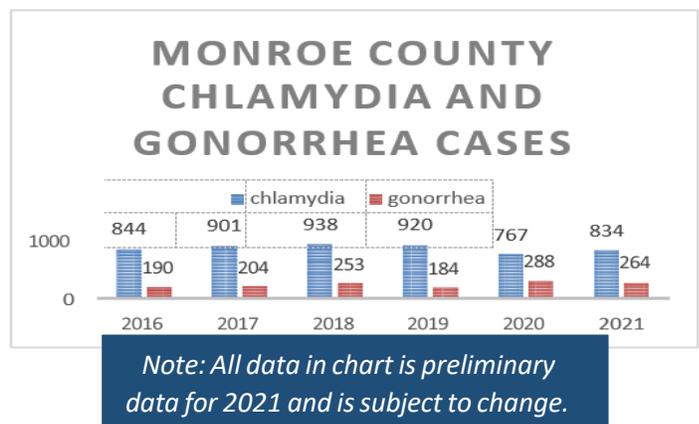
SURVEILLANCE

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

The IDOH 2021 preliminary data for District 7 shows that chlamydia cases have increased compared to previous years as seen in the “District 7 Chlamydia and Gonorrhea Cases” graph.



In 2021 Monroe County had 834 cases of chlamydia, 264 cases of gonorrhea, and 14 cases of early syphilis. While chlamydia rates have increased from 2020, the rate of chlamydia is still lower than previous years.

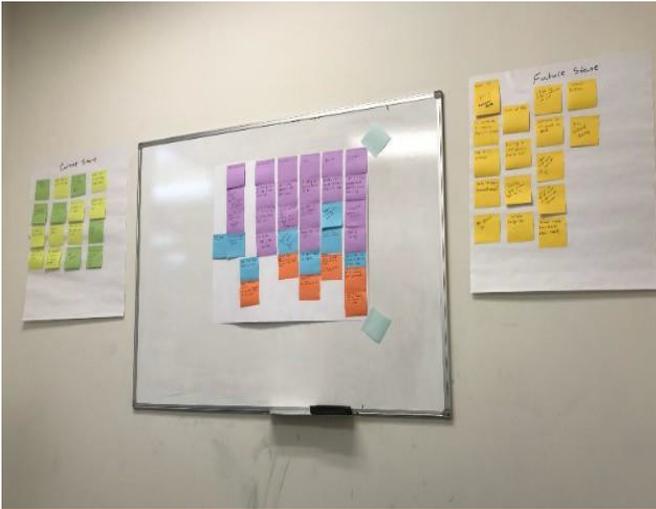


In 2021, the number of early syphilis cases in District 7 has risen from previous years, 46 in 2021 compared to 38 in 2020 and 24 early syphilis cases in 2019. Early syphilis is classified as syphilis that is less than a year in duration, and is a good indicator incident infection. Of the 46 reported cases of early syphilis in 2021, 17 cases were determined to be primary or secondary syphilis, which is a reflection of symptomatic disease.

2021 Surveillance Data Overview for Indiana STD District 7

Diagnosis	Female	Male	Total
Chlamydia	1,578	853	2,263
Gonorrhea	518	455	973
Early Syphilis	5	41	46

14 Early syphilis cases reported in Monroe County in 2021



DIS completed a 2 day analysis of data to determine the primary drivers contributing to the lack of PrEP referrals

2022 GOALS

- **Goal:** Each DIS in District 7 will complete a minimum of 3 PrEP 1-hour training sessions by December 31, 2022.
- **Goal:** DIS will offer a syphilis test to all patients who meet with DIS in the office to report injection drug use in the past year and will complete syphilis testing for a minimum of 70% of patients who report injection drug use in the past year. DIS will track this through a spreadsheet of outreach testing data.
- **Goal:** DIS will partner with Positive Link and Monroe County Health Department's Harm Reduction Program to offer chlamydia/gonorrhea testing at 5 new outreach sites within district 7 by June 30, 2022.

2021 GOALS

- **Goal:** The DIS will collaborate with partners including Positive Link and Monroe County Health Department's Harm Reduction program to provide a minimum of 4 testing events to provide STD/HIV testing and education to high priority populations in 2021.
 - *Met. The DIS were able to provide testing at 16 outreach events in 2021.*
- **Goal:** Beginning June 1, 2021, DIS will begin collecting demographic and health disparity measures for three months and will use this data to determine the scope of future quality improvement projects.
 - *Met. The DIS implemented a process to collect a demographic and healthy disparity information started in June 2021 and were able to collect data from over 100 patients.*
- **Goal:** DIS will complete a quality management project that designs and implements a process for PrEP referral screening and tracking by the end of 2021.
 - *Met. DIS were able to implement a procedure for PrEP screening and a process to track both screenings and referrals.*
- **Goal:** All Patients who meet with DIS will be screened for PrEP eligibility. DIS will provide an active PrEP referral to a PrEP navigator or PrEP provider for 25% of all HIV negative patients who test positive for early syphilis.
 - *Not met. DIS provided PrEP referrals for 15% of patients with early syphilis who qualified for PrEP.*

Futures Family Planning Clinic



The Futures Family Planning Clinic (Futures) is a federally-funded program operating under the auspices of the Monroe County Health Department (MCHD). Established in 2006, the 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 throughout Indiana. Futures is dedicated to providing professional, compassionate reproductive health care to those who need our services.

The clinic is staffed with one Nurse Practitioner (NP), one full-time LPN, one full-time Clinic Manager, one part-time Patient Services Assistant, and one part-time Certified Health Insurance Navigator. The Verified 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 have medical issues beyond the scope of the protocols of the clinic are referred for care and assessment to other providers. Working relationships with others who are equipped to serve low-income or patients with language barriers are priority referrals.

Futures offers a sliding fee scale, and patients receive supplies and services regardless of ability to pay. The clinic accepts patient donations and fees, as well as state insurance (Medicaid and Healthy Indiana Plan) and commercial insurance.

SERVICES PROVIDED

- Gynecological and breast exams
- Problem-focused genital examinations for males
- Reproductive health counseling and education
- Pap smears (cervical cancer screenings) and HPV testing if appropriate
- Intimate Partner Violence (IPV) screening and referrals
- Substance Use Screening, Counseling, and Referrals
- Abstinence, Parental Involvement, and Sexual Coercion Counseling for minors

610

unduplicated clients
served in 2021

16%

of gonorrhea and
chlamydia tests were
positive in 2021

198

pap tests provided
in 2021

POPULATION SERVED

The number of unduplicated clients served in calendar year (CY) 2021 was 610. This was consistent with last year's numbers. Numbers across the state have not recovered to pre-pandemic levels, so this is not unique to Futures Clinic.

SAFETY MEASURES

By the end of 2021, 57.36% of Monroe County residents were fully vaccinated. However, following CDC and local guidelines for medical facilities, the following safety measures were kept in place during 2021:

- Visits by appointment only
- Masks required for all patients
- Physical barriers remain in the reception and intake area
- High-touched areas wiped down regularly



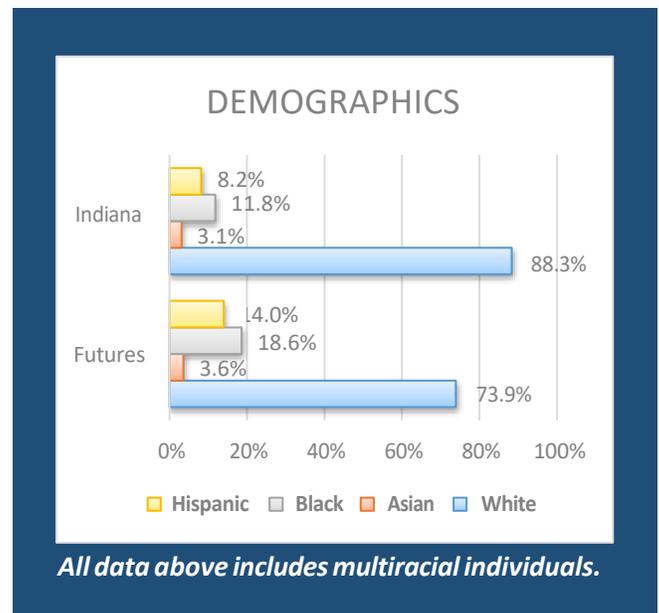
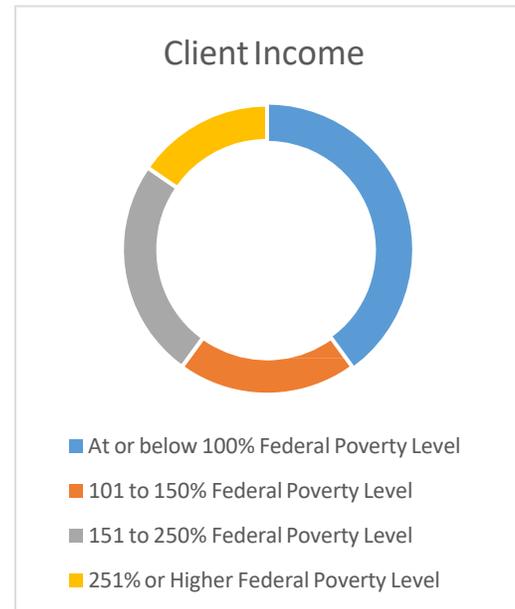
DEMOGRAPHICS

Demographic data from the 2020 Indiana State Census shows that Futures is more diverse than the state of Indiana as a whole, though Indiana is not as diverse as other states. Futures utilizes an interpreter for Spanish-speaking patients, and also accommodates those who speak other languages.

Federal law allows adolescents to receive services through the clinic without parental consent. The clinic adheres to the Indiana statutes that regulate reporting of sexual activity in minors, and counsel on abstinence, coercion, and parental involvement. During CY 2021, the clinic saw 21 patients who were under the age of 18. This accounts for 3.4% of total unduplicated patients.

POVERTY LEVELS

More than half (366) of the 610 patients seen in 2021 fell at or below 150% of the Federal Poverty Level (FPL). Of those, 244 reported living at 100% of the FPL or lower. A total of 150 patients reported incomes at 151 – 250% of the FPL. Just 94 patients reported incomes of 251% or higher than the FPL.

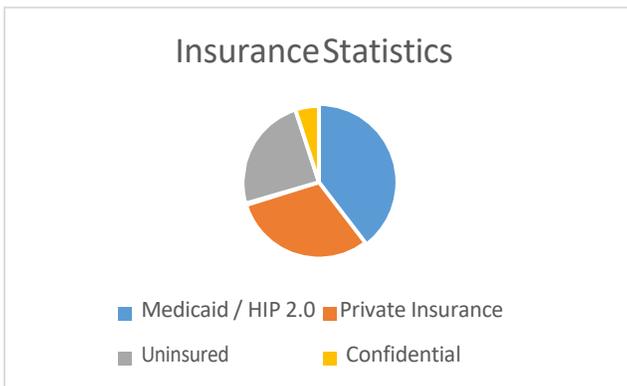


HEALTH INSURANCE

Unless the patient is uninsured or seeking confidential services, insurance is billed to help offset the grants or the patient’s cost.

Approximately 39.5% of Futures clients had coverage through Medicaid of HIP 2.0, and 33.8% had private insurance. 24.3% of Futures patients were uninsured during 2021. The remaining 2.4% were insured but chose not to utilize health insurance for services at the clinics.

Futures Clinic currently employs a Certified Indiana Health Insurance Navigator to assist clients with determining eligibility, applying for health insurance, and submitting necessary paperwork.



SUPPLIES

Futures carries contraceptives (including emergency contraceptives) on-site to provide to patients during their visit. All medications and contraceptives are available within the clinic on a sliding scale, reducing a cost and transportation barrier. This includes Long-Active Reversible Contraceptives (LARC) such as Nexplanon – offered as of June 2020 – and Intrauterine Devices (IUD). Patients with insurance are offered ePrescribing services for convenience.

One hundred ninety-four (194) unique patients visited Futures in 2021 for contraceptives.

HEALTH ISSUES

Sexually Transmitted Infection (STI) testing is provided as part of an annual exam for patients under the age of 30, when the patient is a contact to an STI, or when the patient has symptoms of an STI. In 2021, Futures provided 515 gonorrhea/chlamydia (GC/CT) tests to patients. Of these, 81 were positive for GC, CT, or both.

Pap tests, which screen for cervical cancer, are done according to American College of Obstetricians and Gynecologists (ACOG) guidelines. Current guidelines recommend testing to begin when a patient turns 21 years old. Tests are performed every 3 years unless an abnormality is found. In 2021, Futures provided 198 tests to patients. Of these, approximately 16.68% were abnormal. Patients with minor abnormalities have their testing repeated annually. Those with more concerning abnormalities are referred to either HealthNet or another provider to assess and provide care.

In addition to reproductive health services, Futures Clinic provides referrals to various resources based on screening criteria and patient need. Many clients of Futures report that they do not seek services from a primary care provider, so the goal is to help bridge gaps in care and reduce barriers.

17.01%	Intrauterine Device (IUD)
16.4%	Nexplanon
24.7%	Depo-Provera (the shot)
36.5%	Oral Contraceptives
2.0%	Contraceptive Patch
3.0%	Vaginal Ring
0.5%	Vaya Diaphragm
5.3%	Other Non-Hormonal Method

The above is a breakdown of the methods of contraceptives used in 2021.

2021 GOALS

- **Futures Clinic will increase unduplicated clients from 610 to 750 by the end of CY 2021.**
 - *Unmet.* Patient numbers are down across Indiana and have not returned to pre-pandemic levels. In addition, a once-in-a-century flood in July 2021 did significant damage to the Lower Level of the Health Services Building, which houses the clinic. Services were interrupted for a total of 10 non-consecutive clinical days for drywall repair.
- **Futures will begin offering syphilis screening by April of 2021.**
 - *Met.* Futures clinic performed a total of 11 rapid Syphilis tests in 2021. No results were positive.
- **Futures Clinic will modernize its process in order to protect patient information from loss by scanning in 100% of legacy charts to the Electronic Medical Record (EMR) by the end of CY 2021.**
 - *Met.* All legacy charts were scanned into Futures' EMR, allowing full access to charts electronically.

GOALS FOR 2022

- **Goal:** Futures Clinic will increase unduplicated clients from 610 to 700 by the end of CY 2022.
- **Goal:** Futures Clinic will create a TikTok account by the end of June 2022 to increase outreach efforts to the younger population.
- **Goal:** Futures Clinic will begin offering text reminders by the end of CY 2022 to address the no-show rate.



Staff from MCHD, Public Health Clinic and MRC volunteers celebrate the end of the first day at the MCHD COVID-19 Vaccination Clinic at the Monroe County Convention Center.

760

Population Health & Outreach

PHO staff strive to embody the departmental mission by leading and partnering to help make Monroe County safer and healthier. They do this by facilitating projects, working with other organizations, providing research, education, and outreach.

The Health Education Department gained a new name as well as a new position in 2021. The Population Health & Outreach (PHO) Division now consists of the PHO Manager, Senior Community Health Specialist (CHS), CHS-Tobacco, CHS-Harm Reduction and the COVID-19 Data and Collection Response team members.

COVID-19

The COVID-19 pandemic continued to command a significant portion of the PHO staff time in 2021. COVID-19 related activities included assisting with incident command, communications, working at mass clinics, managing volunteers, fielding questions, responding to complaints, and providing education and guidance.



The words for 2021 were **COVID-19 VACCINE!** Above, an (imitation) vial of COVID-19 vaccine joins Dr. Fauci as the PHO team's touchstones of the year.

The 2021 Community Health Assessment Survey Received 760 responses from Monroe County residents.



Melanie Vehslage, Senior Community Health Specialist, does a Harm Reduction and naloxone training at Indiana University.

POPULATION HEALTH AND OUTREACH

In 2021
our team...

Coordinated
volunteers & spent
286 hours
working the
Convention
Center vaccine
clinic...



...and
assisted
with
many
others

Managed the COVID
hotline and returned
963
calls, answering
COVID questions &
providing resources



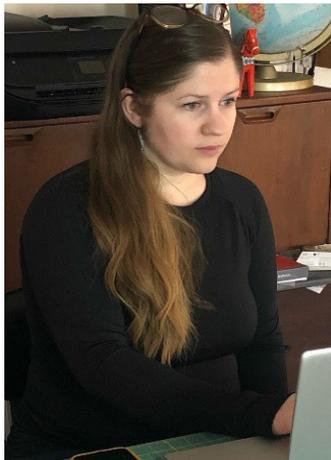
Produced
signage &
infographics about
masking, vaccination,
quarantine & isolation



Produced
educational
webinars



Processed
729
compliance
complaints &
101
exemption
requests



Linnea Hubbard (left) Call Response and Data Collection, handled resident complaints and questions as well as developed program graphics. Lashanna Wooten (below), managed the Medical Reserve Corp. Kathy Hewett (far right), Population Health & Outreach Manager, acted as part of the COVID-19 Incident Command.



ACCREDITATION

The PHO division continues to coordinate and help lead departmental efforts to meet the Public Health Accreditation Board (PHAB) standards and be accreditation ready. The accreditation process provides a framework and structure to help the department identify strengths and challenges as we apply quality improvement and performance management principles to our work.

COMMUNITY HEALTH ASSESSMENT

MCHD, along with public health partners, IU Health Bloomington Hospital, City of Bloomington Parks and Recreation, Community Voices for Health and Health Net updated and distributed a Community Health Assessment Survey in the spring of 2021. The online survey was shared at the mass COVID-19 vaccination clinics operated by the Monroe County Public Health Clinic and IU Health Bloomington Hospital. Residents were also invited to participate through news stories, press releases, social media, emails, and website requests. The survey had 817 total responses, with 760 from Monroe County residents. According to the survey responses, the top 5 health issues in Monroe County are mental health, lack of affordable housing, homelessness, substance use disorder, and poverty.



The word cloud above represents the items residents felt were most important for health during the 2021 CHA focus groups.

The group partnered on six virtual focus group discussions in April and May to dig deeper into what residents perceived as the greatest health needs facing Monroe County.

The community “Think Tank” meeting scheduled for September was cancelled due to a COVID-19 surge. It will take place in the spring of 2022 and will kick off the Community Health Improvement Plan.

HARM REDUCTION PROGRAMS

Monroe County Syringe Services Program

The goal of the MCHD Harm Reduction (HR) Program is to prevent injuries and reduce transmission of HIV and hepatitis C by providing education, HIV/HCV testing, safe materials, naloxone and referrals to treatment. The county program is funded through a Harm Reduction grant from the Indiana State Department of Health (ISDH). MCHD contracts with the Indiana Recovery Alliance (IRA) to operate the Monroe County Syringe Services Program (MCSSP) with departmental assistance. Funding for the MCSSP comes from grants and donations, as well as from local and state government dollars.

In Indiana SSPs require renewal via local legislative body for not more than 2 years at a time. In 2021, the Monroe County Board of Commissioners voted to renew the MCSSP for an additional 2 years and to renew the contract with the IRA to provide syringe services as the local qualified entity in partnership with MCHD.

Staff continued to provide in-person outreach services 3 days a week at the MCSSP with COVID prevention methods, such as window service and staff bagged supplies. HIV and HCV testing was paused during SSP outreach due to the lack of ability to safely distance and provide confidential services in outreach vehicles, however staff were able to supplement more socially distanced testing options with the Public Health in Parks Program.

MCHD staff were featured in a documentary released in 2021 about harm reduction and syringe service programs produced by WFYI and The Health Fund of Greater Indianapolis.



Melanie Vehslage offers harm reduction supplies during outreach in 2019 video filmed by THFGI.

Naloxone Grants and Overdose Prevention

According to preliminary death record data, substance use related deaths in Monroe County in 2021 remained at similar levels as 2020, with 52 deaths recorded as substance related and 36 additional deaths recorded as alcohol related. Deaths occurring as a result of intoxicated driving were not recorded in these categories. According to preliminary data from the Monroe County Vital Records department, deaths recorded as overdose/substance use related increased to 65 in 2021 from 52 in 2021, a stark increase from the 29 substance use related deaths in 2019. There were 31 deaths from alcohol in 2021, a slight decrease from the 36 attributed to alcohol in 2020. Deaths occurring as a result of intoxicated driving is not included in these numbers. According to the CDC, the high level of overdose deaths is largely driven by synthetic opiates.

MCHD was fortunate to receive naloxone grants of naloxone from IDOH and distributed 890 doses to participants, first responders, and community residents in 2021.

According to the IDOH SSP database, the MCSSP provided a total of 28,315 doses of nasal and injectable naloxone in 2021 through a combination of both sources. MCSSP participants reported over 2,631 instances of using naloxone to reverse an overdose in 2021, the majority of which were successful.

Staff continued to partner with other organizations to hold “Paint the Town Purple, a celebration of recovery” event in 2021, with some additional precautions for COVID.



Public Health in Parks

In partnership with Bloomington Parks and Recreation Department, IU Health Bloomington (Positive Link), Centerstone and Bloomington Police Department (Downtown Resource Officers/Social Worker), Harm Reduction staff were able to provide outreach to many individuals identified as experiencing housing

instability/homelessness in Seminary Square Park and Switchyard Park as a continuation of the Public Health in Parks Program from May-November 2021.

During outreach, staff provided education, wound care supplies, sharps containers, disposable masks, and referrals for needed services.

Staff also administered 76 HIV and 27 HCV tests in 2021, primarily via testing events through the Public Health in Parks Partnership.



Melanie Vehslage offers HIV/HCV testing at Seminary Square as part of the Public Health in Parks program.

Safe Sharps Disposal

During 2021, MCHD and Bloomington Parks and Recreation continued to partner on a Sharps in the Parks program to increase opportunities for sharps disposal in city parks. This year, Switchyard Park joined Rev. Butler Park, Building & Trade Park, and Seminary Square Park as sites with publicly available sharps containers. The sharps containers were purchased with funds from the Monroe County Government Sophia Travis grant program.

Between placing syringe containers in parks, apartment complexes and various other high-risk locations in town, the Safe Syringe Program continues to be quite successful. Of all returned syringes to the SSP, approximately 26% were returned through community drop boxes in 2021.

PHO staff also led a community syringe disposal program for the health department. MCHD employees assisted with collecting and securing sharps reported to have been improperly discarded in the community. In 2021, MCHD received 79 calls concerning discarded syringes and staff collected 357 syringes during follow-up visits. This compared to 124 calls in 2020 with 682 syringes collected.

MEDICAL RESERVE CORPS

The Monroe County Medical Reserve Corps had a very busy year in 2021. MCHD welcomed over 500 new volunteers, and volunteers assisted at routine COVID-19 vaccination clinics at the Convention Center between January and May. Volunteers also assisted at 18 different outreach clinics between May and December.



In December, the MRC coordinator nominated a handful of senior volunteers who went above and beyond in 2021 for the Area 10 Agency on Aging Senior Volunteer Spotlight. Nola Hartman was selected, and a “porch party” (pictured above) was thrown for her at the Bloomington Mask Drive and she was featured in the Herald Times (pictured on the left)!



The Bloomington North Rotary Club generously donated snacks and water to MRC volunteers who were working COVID-19 vaccine clinics (Photo is just a small sampling of what was donated!)

MONROE COUNTY MEDICAL RESERVE CORPS

2021 IN REVIEW

539
NEW VOLUNTEERS

Like with 2020, we saw another large increase in new volunteers in 2021. Monroe County community members were very eager to assist with COVID-19 response.

4,622 HOURS SERVED

MRC volunteers served 4,622 hours in 2021. This includes both medical and non-medical volunteers. All of these hours were served at COVID-19 vaccination sites.

\$139,400 ECONOMIC VALUE

MRC volunteers saved their community \$139,400 in 2021. This is calculated by the National MRC office and is broken down by volunteer profession.

VOLUNTEER PROFESSIONS

While the name of the MRC is the Medical Reserve Corps, a vast majority of our volunteer force are non-medical personnel. They range in occupations: college students, teachers, librarians, administrative staff, retirees, public health workers - the list goes on and on!

Profession	Percentage
Non-medical	77.4%
Nurse	13.7%
EMT	3.7%
Other Medical	5.2%

MRC VOLUNTEERS, THE MONROE COUNTY HEALTH DEPARTMENT
THANKS YOU FOR YOUR DEDICATED SERVICE!

BABY & ME – Tobacco Free

In September of 2021, the Indiana Department of Health ceased funding for the BABY & ME – Tobacco Free program statewide due to low enrollment and retention since 2020. The MCHD was able to utilize other funds to continue offering a condensed version of the BMTF program. Clients who quit tobacco can earn up to 8, \$25 diaper vouchers over the course of the program.



2021 Goals

- **HE staff will work with community partners to develop updated community health assessment plan by 12/31/21.**
 - **Met.** The Community Health Survey and focus groups were completed in 2021. The Think Tank and CHIP kick-off is planned for 2022.
- **Evaluate tobacco cessation program sustainability, including efficacy and funding, by December 31, 2021.**
 - **Met.** After IDOH ceased funding of the BMTF program, the MCHD was able to utilize other funds to sustain the BMTF program until alternate funding can be secured.
- **Increase HIV/HCV testing to 64 HIV and 21 HCV tests to raise testing 10% over 2020 levels.**
 - **Met.** 76 HIV and 27 HCV tests administered in 2021.

GOALS FOR 2022

- **Goal:** Staff will create a library of “on demand” trainings and associated materials for each of the PHAB domains by 12/31/22.
- **Goal:** Staff will create MRC volunteer survey in order to identify ways to streamline contact methods to become more efficient in call-outs by 12/31/22.
- **Goal:** Increase HIV/HCV testing 10% over 2021 to 84 HIV tests and 23 HCV tests in 2022.

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.

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—

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



County health officer receives his COVID-19 vaccine.



The COVID-19 response continued into 2021 and beyond. The large shift was the availability of vaccinations. The MCPHC operated a community vaccination site with the partnership of the Monroe County Convention Center for the general public, but also worked behind the scenes to provide vaccinations to those who may have more difficulty accessing vaccinations. With the partnership of the City and County Fire Departments, 3,390 vaccines were brought to those who are homebound. The clinic also offered vaccines in our schools, jails, and other congregate settings.

	COVID-19 Case Status			Total
	Confirmed	Not a Case	Probable	
2019 Clinic Novel Coronavirus	5	0	0	5
2019 Novel Coronavirus	7,145	147	929	8,221
Total	7,150	147	929	8,226

Data Pulled December 31, 2021

Monroe County
Public Health Clinic
(MCPHC)

20,089

Total Immunizations in 2021



780

COVID Vaccines administered
in the Monroe County Schools



32

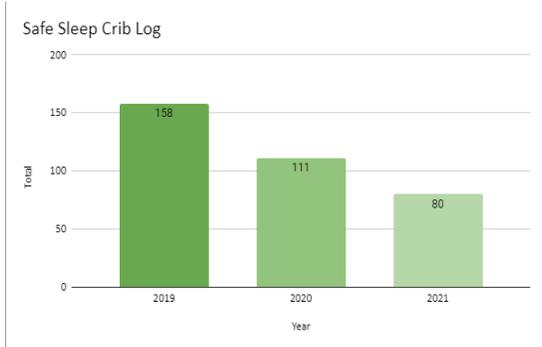
Flu outreaches within the
community



COVID-19 Vaccination outreach: Staff offered vaccinations at about 140 community locations, came in many weekends, and many early morning hours to mix and prep vaccines.



SAFE SLEEP



The total number represents how many cribs were given to expecting new parents or caregivers.

Infant mortality prevention remains a top priority at MCPHC.

Although we could no longer hold classroom style safe sleep training, we still trained and distributed 80 safe sleep kits into the community in 2021. Most of these were done one-on-one with caregivers. Class participants receive education, along with everything in the photo below.



2021 GOALS

- **Goal:** MCPHC will offer 21 school-based influenza clinics and 13 spring 5th and 6th grade immunization clinics in 2021-2022.
 - *Met.*
- **Goal:** MCPHC will offer the second dose of HPC to all 6th grade classrooms in Monroe County by June of 2021 to increase the likelihood of full vaccine coverage opportunities.
 - *Met.*
- **Goal:** MCPHC will conduct at least six wellness screenings in 2021 that target high-risk populations in the community.
 - *Not met due to COVID outreach instead.*
- **Goal:** The number of 11-12 years old clients who have started a series of the HPC vaccinations series will increase from 46% to 49% by December 2021.
 - *Not met – will carry over for 2022.*

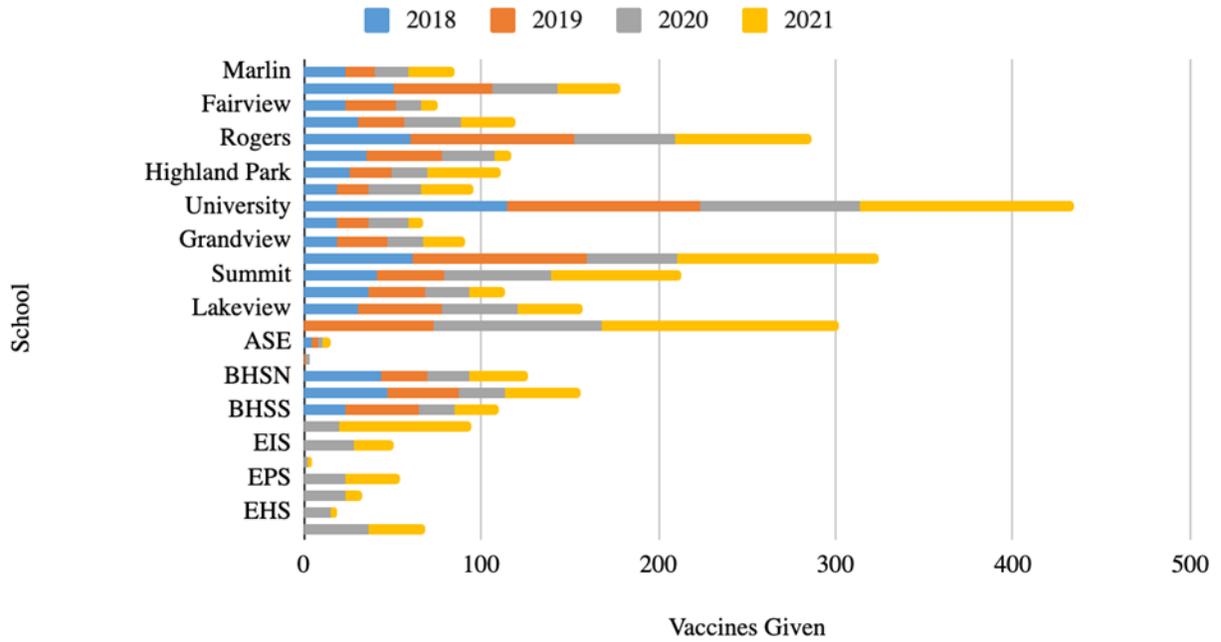
2022 GOALS

- **Goal:** Staff will complete at least 12 wellness outreaches in 2022, focusing on population with limited access to healthcare.
- **Goal:** Staff will offer 21 school-based flu shot clinics in 2022.
- **Goal:** Staff will offer school-based catch-up immunization clinics to all MCCSC 5th and 6th grade classrooms in 2022.
- **Goal:** Staff will offer back-to-school catch-up immunization clinics that include weekend and evening hours in 2022.

Communicable Disease Report 2021

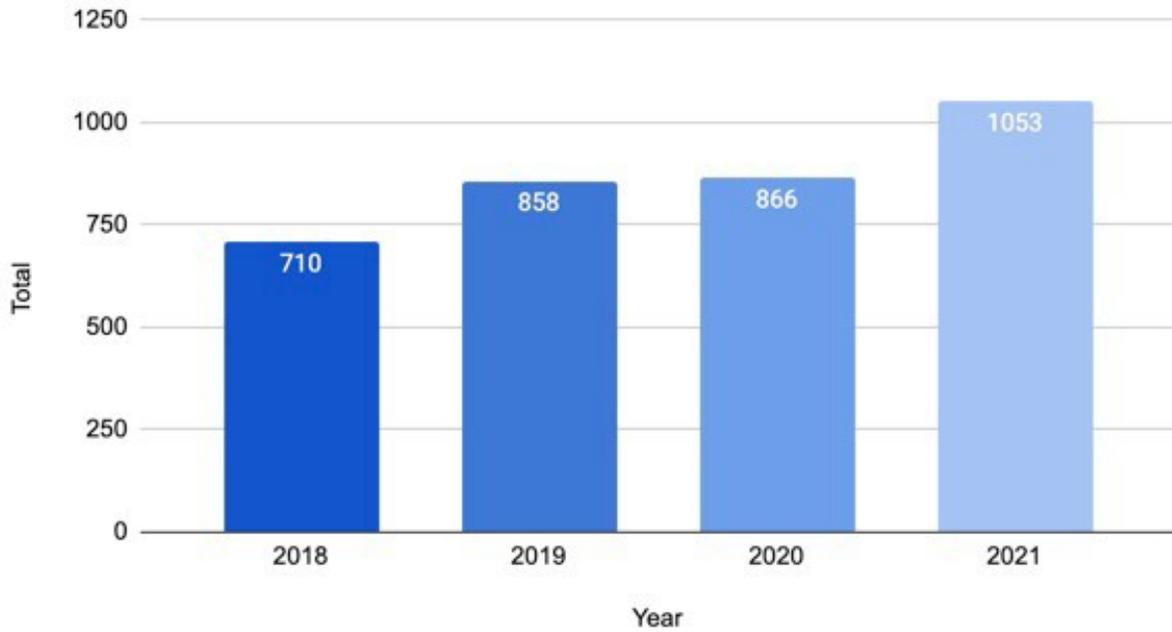
Disease/Condition	Case Status					
	Confirmed	Not a Case	Probable	Suspect	Unknown	Total
2019 Clinical Novel Coronavirus	<5	0	0	0	0	<5
2019 Novel Coronavirus	7,700	574	2,712	0	0	10,986
Animal Bites	14	0	0	0	0	14
Campylobacteriosis	<5	0	0	0	<5	<5
Candida auris, clinical	<5	0	0	0	0	<5
Coccidioidomycosis	0	<5	0	0	0	<5
Cryptococcus neoformans	<5	0	0	0	0	<5
Cryptosporidiosis	<5	0	0	0	<5	5
Ehrlichiosis, chaffeensis	5	0	<5	0	0	6
Giardiasis	<5	0	0	0	0	<5
Hepatitis A, acute	0	<5	0	0	0	<5
Hepatitis B virus infection, Chronic	9	<5	15	0	0	25
Hepatitis B, acute	<5	0	<5	0	0	<5
Hepatitis C Viral Infection, Perinatal	0	6	0	0	0	6
Hepatitis C Virus Infection, past or present	51	<5	27	0	31	110
Hepatitis C, acute	8	0	<5	0	<5	13
Hepatitis Delta co- or super-infection, acute	0	0	0	<5	0	<5
Histoplasmosis	<5	<5	<5	<5	0	8
Influenza-Associated Death	<5	0	0	0	0	<5
Latent Tuberculosis Infection	12	0	0	0	0	12
Lead	5	7	0	0	0	12
Legionellosis	6	<5	0	0	0	7
Lyme disease	<5	<5	<5	<5	<5	8
Measles (Rubeola)	0	<5	0	0	0	<5
Mumps	0	0	0	<5	0	<5
Neisseria meningitidis, invasive (Mening. Disease)	<5	0	0	0	0	<5
Pertussis	0	5	<5	0	0	6
Salmonellosis, excluding S. typhi and S. paratyphi	8	0	<5	0	<5	10
Shiga toxin-producing Escherichia coli (STEC)	<5	0	0	0	<5	<5
Shigellosis	0	0	<5	0	0	<5
Spotted Fever Rickettsiosis	0	0	<5	0	0	<5
Strep pneumoniae, invasive	9	<5	0	0	0	11
Streptococcal disease, invasive, Group A	14	14	0	0	0	28
Tuberculosis	<5	<5	0	0	0	<5
Varicella (Chickenpox)	<5	6	<5	0	0	8
Total	7,865	633	2,769	5	37	11,309

2018-2021 Cumulative Flu Numbers by School



Total represents how many cumulative total of vaccines given at MCCSC and RBB schools.

2018-2021 Total School Flu Numbers



The total number represents how many Flu shots were given at MCCSC and RBB schools.

VFC Provider Influenza Vaccination Coverage Report

Monroe County at a Glance:

- 1% of VFC provider offices in Indiana have higher influenza vaccination coverage rates than your office for children 6 months to 9 years old.
- Only 3 other counties have a higher influenza vaccination coverage for 10- to 18-year-olds than Monroe County.

Monroe County Public Health Clinic compared to Monroe County

6 months – 8 years old

	Influenza Season	Total Patients	# of Children who Received flu vaccine	Vaccination Coverage Rate
MONROE COUNTY PUBLIC HEALTH CLINIC	2020-2021	400	364	91%
MONROE COUNTY	2020-2021	12,420	5,469	44%
INDIANA	2020-2021	872,233	247,138	28%

9 – 18 years old

	Influenza Season	Total Patients	# of Children who Received flu vaccine	Vaccination Coverage Rate
MONROE COUNTY PUBLIC HEALTH CLINIC	2020-2021	1,023	550	54%
MONROE COUNTY	2020-2021	18,877	5,538	29%
INDIANA	2020-2021	1,174,859	236,318	20%



238

total permits
issued in
2021

Environmental Health

Environmental Health (EH) staff are responsible for the enforcement of and compliance with environmental health laws, rules, and regulations in Monroe County. 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

The General EH section is responsible for permitting and inspecting public and semi-public recreational water facilities (including pools, spas, wading pools, therapy pools, water parks, and beaches), solid waste and recycling facilities, and refuse haulers in Monroe County.

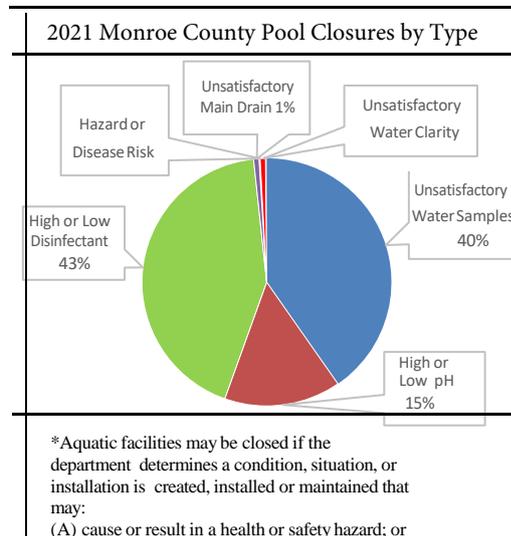
POOLS

In 2021, EH staff issued 109 permits to aquatic facilities within Monroe County. This is an estimated 2.83% increase in permitted pools compared to 2020, which can be attributed to more facilities' decisions to open due to the reduces cases of COVID-19 that occurred during the summer months.

GEH staff completed 224 inspections, which is an estimated 42.68% increase in inspections compared to 2020. There were 119 closures throughout the year, with the most frequent reasons being unsatisfactory water samples and improper disinfectant levels. Violations of state code are discussed with pool operators after each inspection, and resources are provided at their request. Pools that opened were required to review old or submit new operating plans that were pursuant to the CDC's COVID-19 guidelines (including mask use guidelines, sanitation measures, etc.). These plans were approved by GEH staff and were to remain in effect for the duration of the pandemic.

SOLID WASTE

Permits were issued to 6 solid waste transfer stations and 123 refuse haulers in 2021. GEH staff completed 20 inspections for transfer stations throughout the year.



224

pool
inspections
performed in
2021

ANIMAL BITE REPORTS

The Monroe County Health Department received 225 reports of animal bites in 2021. There were 129 animal bite occurrences within the City of Bloomington limits, and there were 96 outside city limites, within Monroe County. The category with the highest number of rabies tests in 2021 were bat bites, followed by cat, dog, and skunk bites. The MCHD works closely with the City of Bloomington Animal Control and Monroe County Animal Management who both follow up with animal bites within the county. The number of animal bite reports have remained consistend from 2018 to 2021.

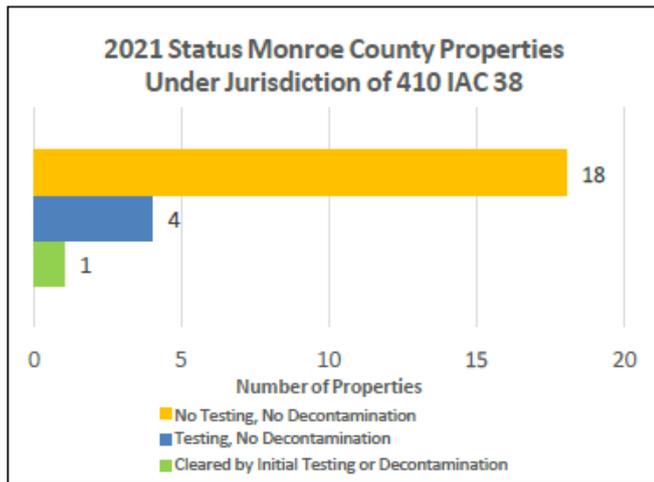
2021 Monroe County Animal Bite Reports/Investigations	
City of Bloomington Animal Control	129
Monroe County Sheriff's Office	96
Total	225

2021 Monroe County Rabies Tests Performed at IDOH Lab				
Animal Tested	Negative	Positive	Unsat.	Total
Bat	28		1	29
Cat	7			7
Dog	3			3
Skunk	1			1
Total	39		1	40

ILLEGAL DRUG LABS

GEH staff monitor properties that were seized as active methamphetamine labs within Monroe County. At the end of 2021, 22 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 2021. The decontamination status of properties in Monroe County in violation of the Indiana state law regarding mathamphetamine labs is below.



RADON

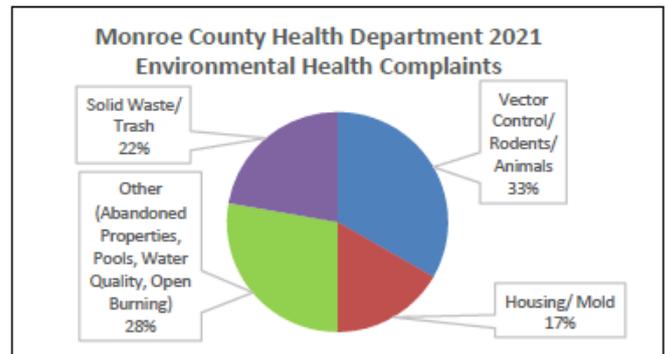
The radon program was placed on hold in 2021 due to the COVID-19 pandemic. For this reason, home radon tests were not conducted over the past year. The MCHD has accumulated information on mitigation systems installed in Monroe County based on residents reporting to us and to the Indiana Department of Health. See the radon mitigation table for a summary of 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 EPA action level. Residents are encouraged to inform the Monroe County Health Department 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

The GEH section handles a variety of complaints and concerns within the community. Thirty-three percent (33%), or 6 complaints out of 18 total complaints received by GEH, were pest/vector control related complaints. Twenty-two percent (22%), or 4 complaints out of 18, were solid waste/ trash related complaints.



In addition to providing education to complainants, GEH staff make appropriate referrals and enforcement actions. Vector complaints are followed up with a site investigation by department 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 staff to monitor various types of rental housing complaints and whether they are within the jurisdiction of the City of Bloomington or Monroe County. In July 2020, The Monroe County Board of Health approved a pilot program to evaluate the need for an enforceable county rental housing code. Findings have not been submitted to the Monroe County Board of Health in 2021. Of the 36 rental housing complaints received by EH in 2021, 22 (61%) were mold-related complaints, and 4 (11%) were pest-related complaints.

MONITORING AND SURVEILLANCE

MOSQUITOS

The Indiana State Department of Health monitors mosquito-borne diseases across the state. In 2021, there was 1 observed mosquito infections, 1 equine disease case, and 0 human disease cases of West Nile Virus (WNV) or in Monroe County. There were no observed mosquito infections, equine disease cases, or human disease cases of Eastern Equine Encephalomyelitis (EEE), or California Serogroup Viruses (CSV) in Monroe County.

The MCHD also hosts a platform for residents to request mosquito sampling at their homes. No new applications for sampling were completed in 2021, and the testing/surveillance program was put on hold due to the COVID-19 pandemic. Access to the mosquito testing site application can be found under the Environmental Health section of MCHD's website.

TICKS

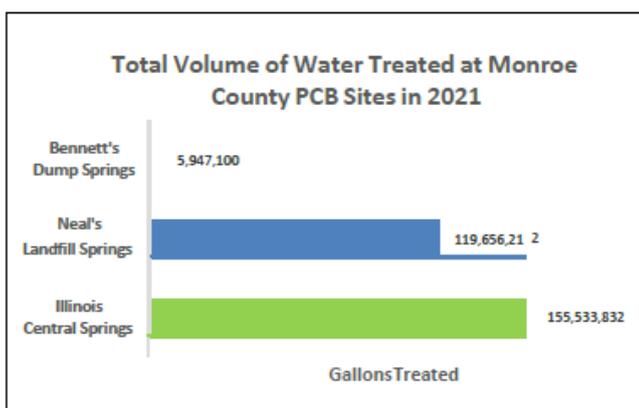
According to surveillance conducted by the Indiana State Department of Health, between 2017 and 2020, over 40% of the adult *Ixodes scapularis* ticks (black-legged ticks) found in Monroe County were infected with *Borrelia burgdorferi*, which is the bacteria that causes Lyme disease.

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

Environmental Protection Agency's (EPA) website archives can be viewed at the Ruth Lilly Auxiliary Library Facility in Bloomington, Indiana. The EPA continued overseeing work at three Superfund sites in Bloomington, Indiana, known as Lemon Lane Landfill, Neal's Landfill, and Bennett's Dump in 2021. These sites are part of a group of sites contaminated by PCB waste from the former Westinghouse Electric Corporation plant. All sites have water treatment facilities in place. As of September 14, 2021, all three of these sites were officially deleted from the EPA's National Priority List.



Environmental Site Assessments (ESA)

GEH 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 2021, GEH staff completed 86 ESA Phase I records requests, 100% of which were completed within five days of the request.

2021 GOALS

- **Goal: By December 31, 2021, EH staff will identify and contact all tattoo parlors and body piercing businesses within Monroe County to provide them with information regarding the standards set by the ISDH and OSHA and ensure they are able to demonstrate their compliance with those requirements.**
 - **Met-** EH staff identified 11 tattoo parlors and body piercing studios that were operating in Monroe County in 2021. In July of 2021, EH staff mailed information to each of these facilities, which included a self-inspection form that outlined current Indiana State Code, as well as a fact sheet that outlined safety information related to sharps and bloodborne pathogens for tattoo artists/piercers and their clients (created by the National Institute for Occupational Safety and Health (NIOSH)).
- **Goal: By May 31, 2021, EH staff will contact other local government agencies to provide them with our mosquito program information and determine if they have information on areas that are susceptible to holding water in which mosquito breeding grounds could be present. EH staff will establish certain areas that could be used for monitoring, surveillance, and trapping.**
 - **Met-** In May of 2021, EH staff contacted other local government agencies to disperse relevant information about the MCHD mosquito program and collected information about potential mosquito breeding grounds in order to identify locations ideal for mosquito surveillance and trapping within the county. This will continue to be an annual effort made by EH staff.

GOALS FOR 2022

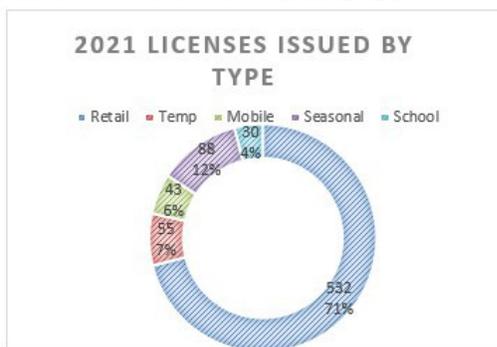
- **Goal: By June 1, 2022, EH staff will identify and document the number of licensed daycare facilities in Monroe County built before 1978 that have a higher risk of lead contamination. By October 1, 2022 lead awareness information will be provided to the high-risk facilities.**
- **Goal: By June 1, 2022, EH staff will create a process for investigating complaints related to tattoo parlors. By October 1, 2022, this process will be utilized for evaluation. By December 31, 2022, EH staff will develop a final Standard Operating Guideline for tattoo parlor complaint response.**

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 2021, 765 total licenses were issued by the foods division. These licenses included all retail, mobile, seasonal, and temporary establishments. This number is higher than 2020, but continues to reflect a decline in seasonal and temporary event licenses issued overall. This is a result of fewer restaurant openings and fewer events that occurred in 2021 compared to previous years due to the continued concerns related to COVID-19.

2021 provided another year of challenges and opportunities for growth within public health. Employees throughout the Monroe County Health Department, including the foods section, assisted with numerous COVID-19 vaccination clinics throughout the year, especially within the first quarter. The foods section continues to work on increasing inspection numbers while navigating new tasks and adapting to ongoing changes related to the ongoing COVID-19 pandemic.

Foods staff continue to work with retail food establishments who are struggling with the ramifications of the COVID-19 pandemic. Ongoing frequent communication with operators helped to ensure facilities had the most up to date information available. Finally, training opportunities overall became more available than in the previous year (2020), thus allowing for increased cross training and continuing education. 241 meetings/trainings/and special projects were attended by or worked on within the foods division staff in 2021.



COMMUNITY INVOLVEMENT

The Foods section continues to work with outside organizations to ensure proper food safety throughout the community events such as chili cook offs, provide education to the participants as well as the coordinators of those events. A community diversity advisory group was created to assist in reaching some of the underserved areas within the County. The foods division also participated in the Downtown Business Association meetings, the Kirkwood Business meetings, the Indiana Farmers Market Alliance group, and the Monroe County Food Security Working Group.

NOTEABLE ACCOMPLISHMENTS

- The foods section partnered with the Board of Animal Health, Indiana Department of Health, and local farmer’s market managers to ensure compliance with newly developed market formats (i.e. online).
- Worked with the City of Bloomington and local downtown businesses in response to severe flooding, as well as a grease spill in the downtown business district.
- Located and successfully ceased the sales of six illegally operated home based food service businesses.



PLAN REVIEWS

In 2021, the foods section completed 106 plan reviews for the Monroe County area. These plan reviews included those for new retail establishments, change of ownership establishments, and mobile food establishments. The foods section also began utilizing a web-based application process for plan reviews. Staff continue to work on implementing this application process throughout the division and hope to receive most applications through OpenGov in 2022. There were 57 retail establishments that opened as “new,” while 33 facilities either changed owners or were closed.

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 evaluating the menu and population served. 788 routine inspections were conducted in 2021. This number is lower than in previous years, which can be attributed to the necessity for staff to navigate new tasks related to the pandemic, such as helping with vaccine clinics, and to adapt to new and ongoing challenges related to COVID-19 and retail food establishments.

This includes retail, seasonal, vending, and mobile inspections. The number of temporary inspections

conducted in 2021 remained lower than previous years (26 in 2021) due to ongoing pandemic and crowd concerns. Many temporary events held in 2021 utilized food trucks as opposed to street vendors.

Temporary events were also held with “pop-up” food trucks. These trucks received a temporary license for Monroe County, however they have annual licenses and are inspected in different counties throughout the State. Our seasonal inspection numbers remain consistent; however, multiple new farmer’s market locations posed new logistical challenges to the division that foods staff are continuing to navigate through and streamline the process. The foods division continues to follow up, and if necessary, investigates food establishment-related complaints reported to our division. 83 complaint follow-up/investigations were completed in 2021.



2021 GOALS

- Goal: Food staff will begin to distribute quarterly Newsletter by September of 2021.
 - *Met. The first MCHD foods division newsletter was distributed in July of 2021. The newsletter is being distributed quarterly at this time.*
- Goal: The Foods division will transition to 100% electronic food establishment applications and complaints by December 31, 2021.
 - *Partially met. OpenGov is being utilized as much as possible for Retail Food Establishment applications. Staff continue to work with the technical services department to make the forms as user friendly as possible. At this time, payments cannot be received online. This has deterred some facilities from utilizing the online version since they will still need to mail payments or physically come to the office to pay. Additionally, there are a handful of vendors that do not utilize the internet and are not able to complete the forms through OpenGov. Those individuals continue to use hard copy applications at this time.*

2022 GOALS

- Goal: The Foods Division Staff will update 12 informational brochures to include the most current information available by October 1, 2022.
- Goal: The Foods Division Staff will increase routine inspections by a minimum of 10% by December 31, 2022. *This would be equal to a minimum total of 869 routine inspections by December 31, 2022.*





Wastewater Sanitation

2021 brought a lot of new changes to the wastewater section. Randy Raines, the lead wastewater specialist, retired in the first quarter of the year. Ryan Kasper-Cushman stepped into the lead role as the Senior Environmental Health Specialist in Wastewater, and Shian'ah Cox transitioned into her new role as an environmental health specialist in Wastewater.

Additionally, a new permitting software, OpenGov, was implemented in the county during the first quarter of 2021 in an effort to streamline the application and permitting process and to allow the public to apply for services online. Lynnette Murphy, who continued to serve as a part-time Environmental Health Specialist in Wastewater, was instrumental in ensuring these transitions went smoothly within the wastewater section. This software also improves interdepartmental coordination on projects and creates transparency that allows applicants to communicate more easily regarding a service, see a timeline of steps as their application proceeds, and view/upload accompanying documents to fulfill their requested service. It allows for issuance of campground and septic permits, along with facilitation of real estate septic inspections and certification of septic installers.

Finally, in the third quarter of 2021, a new environmental health services manager was hired to oversee the environmental health services division. With some both exciting and challenging changes within the department, wastewater staff worked to improve efficiency within the section to better serve the community and its wastewater needs.

SEPTIC SYSTEM INSTALLATIONS

In 2021, the Monroe County Health Department recorded 107 septic system installations. Due to staffing adjustments from available staff, reassignments for pandemic response, technology changes, as well as the influx of permit applications at the beginning of the year, in-field septic system inspections did not occur. Instead, septic system installers submitted photos and written documentation of the work performed. This allowed the Department to have a visual record of the septic system installations without being personally on-site.

SEPTIC PERMITS

The MCHD received 326 septic permit applications, of those, 277 were issued. Reasons septic permits were not issued include, site specific constraints, failure to provide soil reports, or nonpayment of county fees. Of the total issued permits, 67 were for new homes on sites that had never previously had any type of dwelling. Renewal permits for previously issued septic permits that were left to expire accounted for 70 of the issued septic permits. The remaining 140 were repair permits.

SEPTIC SYSTEM INSTALLERS

Currently, Monroe County has 26 certified septic installers. A class has traditionally been held every two years, which included reviewing old information concerning septic systems, and presenting new ideas, regulations, and other important information. In 2021, this class was cancelled due to continuing concerns related to the COVID-19 pandemic and due to the staffing transitions occurring within the section

To become a Monroe County Certified Installer, the installers must pass a test presented by MCHD that addresses county and state regulations, pay a fee of \$100, present proof of liability insurance with a minimum of \$600,000, and carry a Presby certification. Presby offers online certification for those who cannot make it to an in-person class.

MCHD encourages some form of a sand lined system that is approved by the Indiana Department of Health for most site locations, such as the mound, Eljen Geotextile Sand Filter (GSF) System, or Presby Septic System. For homeowners wanting to install their own system, they must show proof of either Eljen GSF or Presby certification that they obtained online or in a class. They are also required to pay a fee of \$250 and must take an MCHD-administered test that addresses county and state regulations.



Pictured: Senior Environmental Health Specialist, Ryan Cushman & Environmental Health Specialist, Lynnette Murphy perform initial site inspection for a septic permit.

SOIL ANALYSIS



Pictured: Environmental Health Specialists, Lynette Murphy & Shian'ah Cox, work with Soil Scientist, Jim Brown to determine a septic field location.

A soil analysis is a detailed description of the soil, from which, a determination is made as to whether a septic system can be installed. With knowledge of the soil type and terrain, the department will issue a permit that will dictate the septic system specifications required. The permit should also indicate location, depth, and any other characteristic of the given system. In Monroe County, there are some challenging site conditions, such as a shallow bedrock, fragipan, steep slopes, karst terrain, etc. that should be considered when selecting an appropriate septic system location. Soil properties affect the function of a septic absorption field. Factors impacting a well-functioning septic system, including various soil properties, are evaluated by an approved Soil Scientist.

All septic permits issue in the State of Indiana and Monroe County require a soil test by an approved Soil Scientist, as mandated by IDOH. This report is then submitted to the Health Department for review. All Soil Scientists must be a member of either the American Registry of Certified Professionals in Agronomy, Crops, Soils (ARCPAC) or the Indiana Registry of Soil Scientists (IRSS).

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 Rule 410 IAC 6-8.3-52 (a).

Upon receiving a complaint, fact-finding documents are compiled, and the department conducts 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 rise or broken sewer pipe, collecting wastewater samples for laboratory analysis, and utilizing colored tracing dye to determine the source.

Once evidence is collected to substantiate a complaint, the property owner is notified in writing with a Health Officer Order delivered via mail, which outlines the nature of the violation, remedial action necessary for the compliance, and set time frames to correct the violation. MCHD conducts follow-up inspections 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 absorption fields.

Failure to respond to the Health Officer Order can result in the issuance of Notice of Violations, monetary fines, disconnection of water service, or the filing of a complaint in the Monroe County Circuit Court by the Monroe County Attorney's Office.

In 2021, there were 60 new sewage discharge complaints filed (compared to 71 in 2020), and 41 were confirmed failures (compared to 37 in 2020). Of the 37 substantiated complaints, 16 have been satisfactorily repaired, 9 are pending repairs to be resolved and 12 are under continued investigation and enforcement action. There are 132 active sewage discharge complaints open, including all past dates up to December 31, 2021.



Colored tracing dye confirms a raw sewage discharge in Monroe County

REAL ESTATE SEPTIC 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 become new complaint cases that are subject to enforcement.

In 2021, there were 61 Real Estate Inspection applications submitted (compared to 77 in 2020). Of the 61 applications, 5 inspections revealed actively failing septic systems, and 46 inspections revealed septic systems with increased failure risk factors. Due to continuing challenges related to COVID-19 response, any requests by citizens for Real Estate Septic Inspection services that were not able to be handled by the Health Department staff were referred to the Indiana On-Site Wastewater Professionals Association (IOWPA) for a list of inspectors.

WELL WATER PROGRAM

In the fifth year of the Monroe County Residential Well Water Survey, the program was continued by Shian'ah Cox until March, at which time she transitioned to a full-time wastewater position. This program was then discontinued for the rest of the year. There were 2 wells sampled in the last few months of the program. All of these tests included bacteria, nitrates, arsenic, lead, and copper.

In all instances the results were interpreted and shared with the property owners so that they could make the best decision in regard to maintenance of their wells and filtration options to best suit their households.

There was continued participation in the Indiana Private Water Resource (InPWR) group throughout 2021 with interagency meetings to communicate techniques for engaging the community and homeowners. There were multiple referrals to the Rural Community Assistance Program (RCAP) from the Well Water Survey.

The Monroe County Residential Well Water Survey was contacted by the Indiana University School of Public Health about EPA Grant R840081. Dr. Jacqueline MacDonald Gibson leads this grant-funded work for Predicting and Communicating PFAS Exposure Risks from Rural Private Wells. The Well Water Survey Program will continue to work with this EPA project with community and outreach sampling.



Pictured: Shian'ah Cox, SPEA Fellow, conducting a well assessment for a local homeowner.

PUBLIC OUTREACH & EDUCATION

In 2021, the Wastewater Section had staff who were participating members in the Lower Salt Creek Watershed Steering Committee, the Indiana University Institutional Biosafety Committee, Treasurer of the Southern Chapter of the Indiana Environmental Health Association (IEHA), and in a partnership with Friends of Lake Monroe.

In cooperation with the Stormwater Program of the Monroe County Highway Department and Soil Scientist Jim Brown, the wastewater section presented a virtual septic system workshop in November 2021.

The entire wastewater section attending the professional development training at the 2021 IEHA fall conference.

2021 Goals

- Wastewater staff will work with the Technical Services Department (TSD) to rebuild the septic records database by Quarter 2, 2021 to include all relevant historical septic records data.
 - *Met. The septic records database is operational via Microsoft Access.*
- By Quarter 4, 2021 staff will have experience in all aspects of the section responsibilities: permit records, complaints/enforcement, real estate, campgrounds, new construction, and permitting. This expands new staff capacity and builds cross training.
 - *Met. New full-time staff were trained in all aspects.*

2022 Goals

- **Goal:** By June 30, 2022, Wastewater staff will gather all relevant research and information about campground inspections and real estate septic inspections, while considering other counties' protocols the Indiana State Department of Health's protocols.
- **Goal:** Wastewater staff will use this background research to present recommendations about potential revisions to the county code related to campground inspections/permitting and real estate septic inspections to the Board of Health by October 31, 2022.
- **Goal:** Wastewater Staff will consolidate septic permit applications into one application format by December 31, 2022.
- **Goal:** By December 31, 2022, Wastewater staff will create 2 new informational handouts/brochures for distribution to the public about septic system maintenance and soil sampling and analysis.

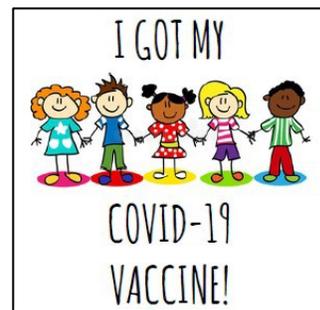
Public Health Emergency Preparedness

The Public Health Emergency Preparedness (PHEP) Division with a full-time PHEP Coordinator (PHC) and a part-time PHEP Assistant continued to be fully dedicated to the COVID-19 response throughout 2021. In addition to providing frequent communication and guidance to various agencies and community groups (including Long Term care, Assisted Living, Home Health, Faith-Based Communities, Preschools/Daycares, Unhoused Service Providers, Neighborhood Associations, and others), the PHEP program provided logistics and planning for larger vaccination and testing events, ranging from day-long events to ongoing locations. Once vaccinations became available, the Monroe County Convention Center opened a vaccination site on January 11, 2021 (*pictured below*) and we had the privilege to begin vaccinating those 80+ years old with this life- saving vaccination.



This clinic and many others were a team effort between the Monroe County Health Department, the Monroe County Public Health Clinic, the Monroe County Medical Reserve Corps and our many community partners who specifically named in the Thank You section following the info below. Brainstorming and planning moved quickly during 2021 as the focus was to get as many vaccinated as possible when the time to offer vaccine to that age group became available.

Often, the demand had not waned from the current group eligible for vaccination when the Indiana Department of Health (IDOH) would open up the next group, resulting in the scheduling platform to fill up for weeks. The COVID call line was instrumental in providing timely information to the public on a wide range of COVID topics. Messages were quickly returned if the caller had additional unanswered questions.



Stickers were provided at the 5+ year old vaccination clinics.

Testing capacity proved to be difficult to estimate at times as demand changed greatly with each new wave of variant. The PHC and a Medix Staffing staff person set up the original community testing site run by Optum at the National Guard Armory. At the peak of the SARS-CoV-2 while Optum was testing 400+ daily, IDOH provided grant funding for local health departments to open and operate a separate community testing clinic, along with financial contributions from the County, City, IU and IU Health. As testing numbers dropped then remained low, Optum was closed. Morton Street Community Testing site was closed at the end of July as numbers continued to drop.

Unfortunately, nearly as soon as the Morton Street site closed, Delta emerged and quickly became a dominant variant, increasing infection rates and the need for testing. After further negotiations, the Morton St. site was set up again and ready to open.

However, Gravity Diagnostics was contracted by the IDOH to open several “turnkey” testing sites throughout the state, including in Monroe County. The Morton St. site was decommissioned for the final time. Thanks to Cook Medical, the Gravity Testing site was able to open on Cook property and has remained there through 2021 and into 2022. While MCHD provided input to Gravity on possible locations and feedback regarding process, signage, marketing, and communication to the public regarding the new testing site specifics, MCHD would no longer run a community testing site in 2021.



Many thanks to the staff at the Monroe County Convention Center here with PHEP Coordinator Christina Kempf. Without their support, the Convention Center Vaccination site would not have been possible.

COVID Testing Support Included:

- Optum Testing site at National Guard Armory – Assisted with marketing, special situations and decommission in 2021.
- Morton St. Covid Testing Clinic – Complete set up 2 times (hiring, process, job descriptions, layout design and supplies, all aspects of clinic), overseeing clinic operations and decommissioned two times.
- Gravity Site – provided possible location information, feedback related to signage, directions, and other site enhancements
- Organized and supported IDOH Strike team visits to Cook Medical Property, Ellettsville Christian Church, and Switchyard Park.

MONROE COUNTY COMMUNITY COVID-19 TESTING SITE

640 S. Morton St., Bloomington

HOURS	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
	8am-5pm	10am-7pm	8am-5pm	CLOSED	10am-7pm	9am-2pm	CLOSED

Schedule subject to change
Please check website: www.co.monroe.in.us/covid19-testing

Appointment Strongly Encouraged
Walk-ins Available as Time Allows

To Register And Make An Appointment:

1. Go to <https://scheduling.coronavirus.in.gov>
2. Enter birthdate and select "I don't have an invitation code"
3. Enter zip code and select "Schedule an Appointment" at the S. Morton St. Monroe County location
4. Select appointment date and time
5. Confirm appointment
6. Select "Continue to Registration" to complete required intake

For FASTER TESTING please complete the full registration PRIOR to your appointment.

www.co.monroe.in.us/covidtesting

Morton Street Testing site advertising flyer showing the financial partnership between the Monroe County Health Department, Monroe County Government, IU Health, Indiana University and the City of Bloomington.

COVID Vaccination support included:

- Coordinating phone calls for 2.5 months to complete vaccination registration and appointment reminders to the public by IU Medical Graduates and Undergraduates.
- Convention Center vaccination site – 3.5 months with some evenings, Saturdays and a clinic for those with Spanish as a first language.
- Crestmont/Boys & Girls Club Clinic – Vaccination clinic plus coordination with outreach team for door-to-door advertising in Crestmont area
- Ivy Tech Clinic, Smithville Farmers Market Clinic, Juneteenth Clinic, Mother Hubbard’s Cupboard Clinic, Baneker Clinic, Hoosier Hills Food Bank
- Richland Bean Blossom Super Shot clinics
- Monroe County Community School Corporation Super Shot clinics
- PHEP Assistant provided registration assistance at the Convention Center from opening – end of March, IU Assembly Hall Vaccination Clinic for 4 months then at the Public Health Clinic and Numerous outreach clinics throughout 2021.



Julie May (left) and Emily Kinnarney (right) ready for registration at the Convention

Advertising for the Super Shot Clinics and other location options. Marketing material created by Linnea Hubbard.

Flyer: Vaccine and Testing advertisement created for IDOH Strike Team clinic.

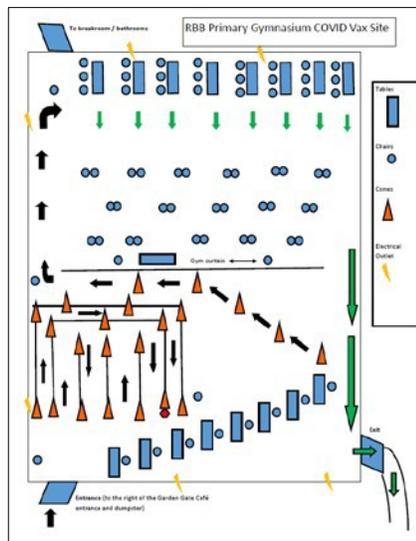


Photo (left): Pre-planning for Richland Bean Blossom Super Shot Clinic

Photo (below): Ready for Richland Bean Blossom Super Shot Clinic.



Other COVID & Preparedness Support

- Managed vaccination platform scheduling (Zotec)
- Maintained COVID Quick Answer Guide
- Pet First Aid Kits & General Preparedness Info for Individuals and Families with new pets
- PHEP Coordinator invited to share experiences with Monroe County History Museum for COVID project
- PPE to Long Term Care and other agencies as needed



Buck Rogers (the goat), sent by an anonymous donor through the "Send-A-Snuggle" program with the Monroe County Humane Association, was a highlight of 2021 as he put smiles on our faces beneath our masks.

Thank you to the following:

- Indiana Department of Health
- National Guard Armory
- Monroe County Convention Center
- Cook Medical
- Monroe County Airport
- Dr. Hiller, Arunabh Sinha & the IU undergrad and medical graduate class
- Ellettsville Christian Church
- Indiana University
- Bloomington Police Department
- Ellettsville Police Department
- Monroe County Sheriff's Department
- Monroe County Emergency Management
- Crestmont
- Boys & Girls Club
- Ivy Tech
- Sherwood Oaks Christian Church
- IU Health Bloomington Hospital Carpentry Staff
- City of Bloomington
- Monroe County Public Library
- MCCSC / Bloomington High Schools South
- RBB / Edgewood Primary
- Anthem
- Grace Baptist
- Bloomington Fire
- Monroe Fire
- Bloomington North Rotary
- MRC Volunteers
- Stonebelt
- Wheeler Mission
- Bell Trace
- Anonymous donor for Monroe County Humane Association Send-A-Snuggle



Picture (left): Last day after last vaccination given at the Monroe County Convention Center. Proper planning, a good clinic layout, with dedicated staff, volunteers and Convention Center staff made the vaccination clinic at the Convention Center a success for several months.

2021 Goals

- Complete three capabilities from the Emergency Operations Plan template provided by IDOH by 6/1/2021.
 - *Met.*
- Participate in a comprehensive hotwash & AAR at county level related to COVID-19 response by 12/30/2021.
 - *Not met due to COVID surge. This goal will be completed in 2022.*
- Complete all CDC Train Public Health Preparedness modules as required by IDOH by 10/1/2021.
 - *Met.*

2022 Goals

- **Goal:** Participate in comprehensive “hotwash” & After Action Report (AAR) workshop at county level related to COVID-19 response by 5/1/2022.
- **Goal:** Staff will complete full inventory of all Preparedness equipment and supplies by 6/30/2022.
- **Goal:** Staff will complete Training & Exercise plan for MCHD by 3/31/2022.



A reminder and a wish for the future.

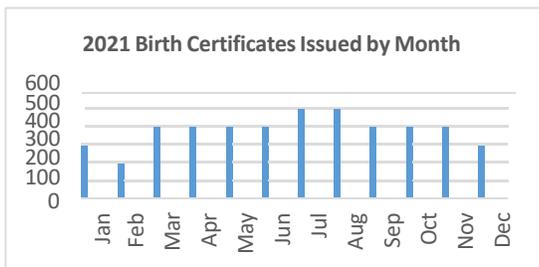


Vital Records

The staff in the Vital Records division are the public face of the Monroe County Health Department. Vital Records staff issues birth and death certificates, registers home births, perform paternity affidavits and amendment affidavits, process environmental permits (food, septic, pools, trash haulers, camp grounds) and assist the general public at the counter, on the phone, and via email.

BIRTHS

The following are a few 2021 birth statistics:



In 2021, Vital Records issued 4,810 birth certificates. This is the number of birth certificates that were processed and paid for during the year regardless of what year the applicant was born. Births registered during 2021 totaled 1,814. This is the number of births that occurred during the year.

The number of births registered in 2021 (1,814) were only slightly higher than the number registered in 2020 (1,736), an increase of just 4.5%. However, the number of birth certificates issued in 2021 (4,840) increased 45.5% over the number issued in 2020 (3,304). The lower 2020 number was significantly impacted by the COVID pandemic when businesses were closed, travel was restricted, and Vital Records was closed to walk-in customers. Business was conducted by mail, online, or by appointment. Vital Records reopened to counter service in May 2021. Birth certificate issuances increased at that time and continued through the summer, then dropped a bit during the fall. In addition to the office being open for walk-ins again, numbers may have been impacted by the easing of some COVID restrictions due to the introduction of vaccinations. The increased need for birth certificates for travel, especially, seemed evident.



DEATHS

The 2021 death rate in Monroe County was down slightly from 2020. As of the creation of this report, there were multiple deaths from 2021 outstanding, most of them coroner cases awaiting toxicology reports. The COVID deaths listed are deaths where the doctor listed COVID as the primary cause of death. Vital Records staff printed an average of 773 death certificates each month in 2021, the most printed since MCHD was formed in 1965.

Annual Report Death Info				
Location of Death	2021	2020	2019	
Decedent's Home	376	348	253	
Hospice Facility	282	302	305	
Hospital - Dead on Arrival	3	1	1	
Hospital/Emergency Room/Outpatient	74	77	49	
Hospital - Inpatient	483	414	316	
Nursing Home/Long Term Care Facility	215	338	292	
Other	68	49	36	
Total	1501	1529	1252	
Veteran Deaths	270	310	281	
Fetal Deaths - <small>(Fetus delivered as a "stillbirth"; did not take a breath after delivery)</small>	7	8	14	
Age	2021	2020	2019	
Under 1 Year	5	5	7	
1 Year to 19 Years	7	10	9	
20 Years to 30 Years	34	40	31	
31 Years to 50 Years	112	114	79	
51 Years to 70 Years	426	396	317	
71 Years to 99 Years	893	951	795	
100 Years to 105 Years	24	13	12	
106 Years to 110 Years			2	
Total	1501	1529	1252	

Cause of Death Per Category	2021	2020	2019
Alzheimers/Dementia	81	52	50
Cancer	240	211	203
Cirrhosis	13	8	7
COPD	33	29	33
Diabetes	1	8	4
Drug Related*	54	54	32
Heart Disease	250	307	274
Pneumonia	57	56	49
Renal	57	45	51
Sepsis	69	69	49
COVID-19	82		0
Other	564	690	500
Total	1501	1529	1252
Coroner Report - Manner of Death	2021	2020	2019
Accident	79	67	44
Homicide	4	10	4
Natural	156	138	105
Suicide	25	21	23
Undetermined	4	4	6
Total	268	240	182
Death Certificates Filed	1501	1529	1252
Death Certificates Issued	9281	8493	6689

2021 GOALS

- Goal: All Vital Records staff will complete required trainings and be fully cross-trained by August 1, 2021.
 - *Met. All full-time Vital Records staff completed required trainings and were fully cross trained by August 1, 2021.*
- Goal: Vital Records staff will conduct a customer survey to gauge customer interest in the wallet-sized birth certificates.
 - *Met. Customers overwhelmingly expressed the desire that we continue to provide the wallet sized birth certificates. 85% in favor, 10% neutral, 5% not in favor.*

GOALS FOR 2022

- **Goal:** Vital Records staff will create genealogy birth index for 1940-1959 by December 31, 2022.
- **Goal:** Vital Records staff will replace old worn binders for birth and death records with sturdier more uniform binders by December 31, 2022.

Social Media

Facebook

Over the course of 2021, the main Monroe County Health Department (MCHD) Facebook page reached a total of 5,431 page likes and reached over 200,000 people with posts. For 2022, the MCHD will strive to continue to post items of interest to the community with a wider variety from each division of the health department.

The Futures Family Planning Clinic Facebook page received 23 new page likes for a total of 257 likes.

Instagram

The Monroe County Health Department created an Instagram page in 2021. By the end of the year the page had received 30 followers.

Twitter

The MCHD twitter gained 66 new followers throughout the 2021 year and has 1,033 followers. Twitter provides a quick way to quickly share and promote important information on health issues and opportunities for the community.

The images on this page and the page below are examples of popular social media posts in 2021.



2,446

New page likes on all Facebook pages in 2021



Over

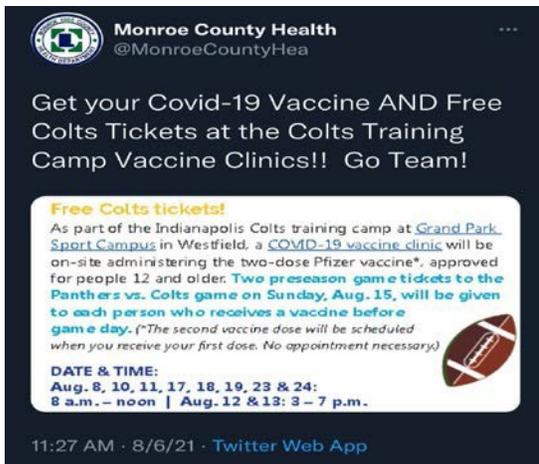
200,000

People reached with Facebook posts in 2021



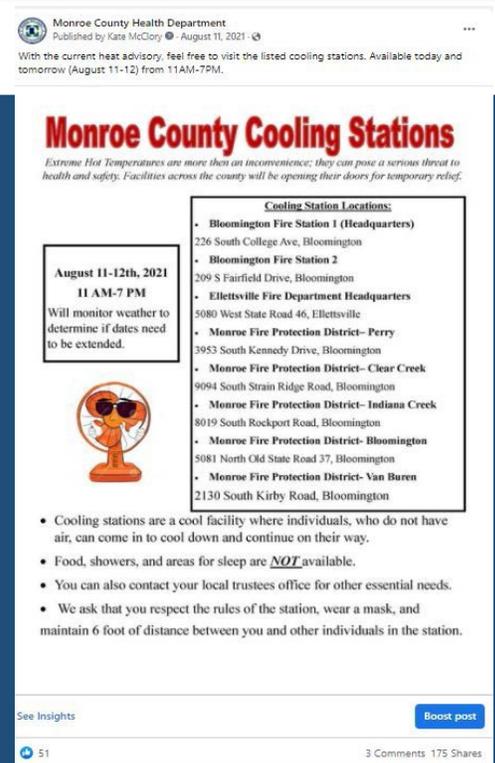
2021 GOALS

- Create a Harm Reduction Facebook page by July 2021
 - Met. The page was created but is not active yet.
- Increase tweets by 25% to an average of 7 per month by December 31, 2021 increase twitter impressions
 - Met. MCHD tweeted an average of 8.33 times per month throughout 2021. This increased the impressions greatly with an average of 2,139 per month.
- By December 2021, Clinic staff will create a new social media branch, such as snapchat.
 - Clinic staff created a TikTok account but have not made any content.



2022 GOALS

- **Goal:** Feature all divisions at MCHD in a video series on social media called ‘What is Public Health?’ by October 2022.
- **Goal:** Grow the Monroe County Health Department Instagram page to 100 followers.
- **Goal:** In 2022 division staff will provide information for two social media posts which will also include at least 2 posts related to each of the following: chronic disease, substance use disorder, and basic needs. This will increase the diversity of topics covered during the year.





**119 West Seventh Street
Bloomington, Indiana
47404 (812) 349-2543**

<http://www.co.monroe.in.us/HealthDepartment>

Follow us on social media:

@MoCoHealth and @FuturesaBloomington on

Facebook @MonroeCountyHea on Twitter

@monroecohealth on Instagram