



CLARK COUNTY HEALTH DEPARTMENT

ANNUAL REPORT 2018



Public Health
Prevent. Promote. Protect.

The Clark County Board of Health's mission is to promote a safe and healthy community for people of Clark County, Indiana.

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BOARD OF DIRECTORS

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VITAL STATISTICS

The Vital Statistics Department maintains all birth and death certificates for Clark County. Certified copies of these documents are available upon request with proper identification. Genealogy records are also available for records if the birth or death took place in Clark County, records date back to 1882.

The Vital Statistics department records causes of death in the community, a valuable dataset that helps determine trends such as overdoses, suicide, or chronic health conditions causing premature death. This data is imperative to understand the community health trends in Clark County. This data partially determines where public health initiatives and funding are allocated for the following years.

2018 Clark County Birth Statistics

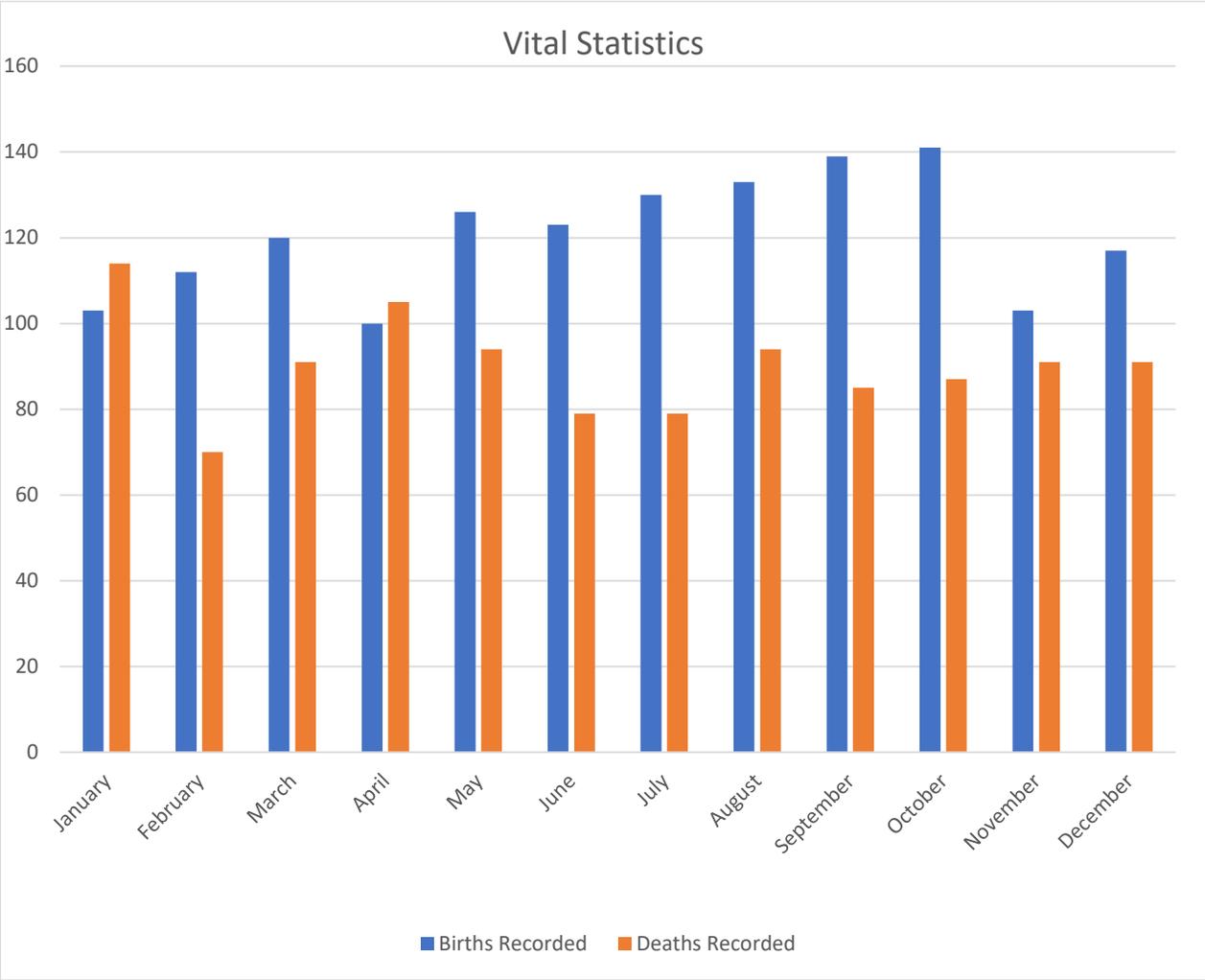
Males	735
Females	734
Total	1469

Clark County Death Certificates

Male	547
Female	533
Total Deaths	1080

Combined Statistics

	Birth Certificates Recorded	Deaths Recorded
January	103	114
February	112	70
March	120	91
April	100	105
May	126	94
June	123	79
July	130	79
August	133	94
September	139	85
October	141	87
November	103	91
December	117	91
	1469	1080



PUBLIC HEALTH NURSES

The Public Health Nurse Department at CCHD provides public health services such as immunizations, TB testing, and communicable disease tracking and management. In 2018 the nursing division expertly mitigated a multistate outbreak of Hepatitis A. Beginning at the end of 2017 a case of Hepatitis A led to a substantial effort to minimize the exposure of persons in the Clark County Community. The department vaccinated county employees, police and fire personnel, and those retail food establishments directly impacted by an infected individual.

IMMUNIZATIONS

Vaccinations or immunizations protect both the individual and the community as a whole from communicable diseases. Individuals who are vaccinated not only protect themselves but also those in the community who cannot be vaccinated due to age, religion, or medical reasons. Public health strives for “herd immunity” where a high enough percentage of the population are vaccinated denying a communicable disease a path through which it can spread throughout the community

The Clark County Health Department will provide childhood vaccinations by appointment, which can be made at (812) 283-2739 or (812) 283-2459. Many insurance plans are accepted for both adults and children, including Medicaid or for children without health coverage.

The following is list of available vaccines from the Clark County Health Department Public Health Nurse:

- Pneumonia
- Hepatitis B
- Mumps
- Tetanus
- Gardasil
- RotaVirus
- Flu
- Polio
- Rubella
- Diphtheria
- Varicella
- Hepatitis A
- Measles
- Hib
- Pertussis
- Meningitis

Vaccinations Provided

	2017	2018	+/-
Patients	220	442	+222
Total immunizations	1198	1359	+161

COMMUNICABLE DISEASE INVESTIGATION

The public health nurse department constantly monitors communicable diseases reported to the Indiana State Department of Health by medical practitioners. The nursing staff will interview patients, develop a medical history, and determine if additional steps are needed to protect other persons exposed. Additionally, these investigations will help determine the source of infection, which then allows CCHD to take necessary steps to mitigate the source.

Notable Communicable Disease Investigations

Hepatitis A	107	Hepatitis B	37
Hepatitis C	234	Rocky Mountain Spotted Fever	34
Campylobacteriosis	12	Ehrlichiosis	9
Giardiasis	6	Legionellosis	6
Lyme Disease	4	Varicella	4
Histoplasmosis	2	West Nile	1
Cryptosporidiosis	1	Cyclosporiasis	2
Influenza associated Death	3	Shigella	3
Streptococcus group A invasive	3	Streptococcus Pneumoniae	7

TUBERCULOSIS (TB) TESTING

Tuberculosis is a bacterial infection that most often attacks the lungs. An infection can be a latent infection or active tuberculosis infection. For most people the body's natural immune system is able to control the infection, this is a latent infection. Those with a latent infection will have no symptoms and cannot spread the bacteria to others. A person with active tuberculosis can spread it to others in the community. If a skin test is positive, further evaluation is needed to determine the current status. Direct observation therapy is the

standard of care for treating TB and is offered by the nursing department. The Clark County Health Department offers tuberculosis skin test for the public for a \$10 fee. This service meets the requirement for most employers.

TB Testing

	2017	2018
TB Tests Given	450	410

BABY AND ME TOBACCO FREE

The Clark County Health department is proud to have participated in the Baby and Me Tobacco Free smoking cessation program for its fourth year. Expecting mothers can enroll in this evidence based program and will receive vouchers for free diapers upon completion. The program consists of 4 one on one sessions, lasting around 30 minutes, aimed at giving you the tools necessary to quit smoking. If you complete these classes and remain smoke free during and after your pregnancy you will receive vouchers monthly for up to 12 months. Tobacco use during pregnancy increases the risk for miscarriages, premature birth, low birth weight, as well as birth defects such as cleft palates. Secondhand and thirdhand smoke can affect lung development in children and impede learning abilities and brain development.

Baby and Me Tobacco Services

	2017	2018
Enrolled	89	95
Completed sessions	153	361
Vouchers Issued	180	163
Pregnancy tests given	53	43
Cribs Distributed	26	24

DISASTER PREPAREDNESS

In January of 2018 a national outbreak of Hepatitis A reached Clark County. The environmental department was instrumental in providing logistical support to our public health nurse team. Environmental efforts included coordinating logistical support for mass clinics at the Clark County Jail, various shelters, soup kitchens, restaurants, and homeless camps as the disease is usually transmitted through contaminated food or other unsanitary conditions. Working with other CCHD departments created an exceptional team of public health practitioners that ultimately received recognition from both the Center for Disease Control and Prevention, as well as the Indiana State Department of Health. At the beginning of 2018 the county also experience flooding in Utica, Jeffersonville, and other areas along the Ohio River. Again the environmental department provided logistical support for vaccination clinics giving tDAP also known as tetanus shots. Multiple clinics were organized and supported in Utica and along the campgrounds along the river. It is difficult to predict these events but with coordination between the Health Department and Emergency Responders CCHD, prepares, responds, mitigates, and recovers from these events.

ENVIRONMENTAL DEPARTMENT

The Environmental Department of the Clark County Health Department is responsible for retail food safety, recreational water and drinking water safety, mosquito control, safe housing including lead testing, septic system inspections and permitting, tattoo facility inspections and artist licensing, illicit drug manufacturing property abatement, protection of both soil and waters of Clark County, and 24 hour emergency response for chemical spills, and general ordinance violation complaints. **See Environmental 2018 Report for all services.**

INSPECTIONS

Retail Food Inspections

The Clark County Health Department requires most retail food establishments serving food to the consumer to be permitted and adhere to specific food safety laws adopted by the Indiana State Department of Health. Department inspections include fixed facility, mobile, and temporary establishments at all hours and days of a given week. The staff dedicates efforts to coaching operators on proper food handling for their benefit, and ultimately the safety of the

people they serve. Inspections are performed based by risk assessment, or how many processes involve critical control points that if done incorrectly may lead to food contamination and eventually illness. The data for inspections is summarized in the table below.

Retail Food	2017	Hours Spent 2017	2018	Hours Spent 2018
Establishment Permits Issued	550	N/A	675	N/A
Est. Initial Inspection	713	904.05	759	862.42
Est. Follow up Inspection	64	78.54	53	68.72
Est. Complaints	114	101.32	128	101.32
Est. Complaint Follow ups	21	15.18	35	31.33
Temporary Food Permits	142	N/A	171	N/A
Temp. Food Initial Inspections	142	84.73	169	123.39
Temp. Food Follow Up inspection	1	.5	0	0
Temp. Food Complaints	0	0	0	0
Temp. Food Complaints Follow ups	0	0	0	0
Physical Facilities	537	N/A	531	N/A
Establishment Plan Reviews	21	29.66	23	44.76

Public and Semi-public Water Facilities Inspections

The Clark County Health Department also regulates public water facilities in Clark County, Indiana. Public water facilities include all publicly used swimming pools, spa pools, hot tubs, and wading pools. The Department requires an operating permit for all public and semi-public water facilities in Clark County, Indiana. These regulation reduce the incidents of recreational water illnesses in the county that are caused by swallowing, breathing in mists or aerosols of, or having contact with contaminated water. These infections can cause rashes, ear infections, respiratory infections, and most commonly diarrhea.

Swimming Pool Program	2017	Hours Spent 2017	2018	Hours Spent 2018
Permits Issued	71	N/A	71	N/A
Initial Inspections	144	186.59	257	231.88
Follow-up Inspection	13	12.46	15	10.38
Complaints Initial Investigation	6	6.84	17	12.44
Complaints Follow-Up	2	1.82	6	3.72
Plan Reviews	3	4.94	1	.32

NATURAL ENVIRONMENT

Animal Bites

Rabies is a virus that attacks the brain and central nervous system and can be spread to humans through the bite of an infected animal. The most common wild animals that people contract rabies from are raccoons, skunks, bats, and foxes. Symptoms of rabies may not surface until weeks or months after receiving a bite but, death can occur within just a few days of the first symptoms. Due to the nature of this disease it is important to consult your physician as

soon as possible to determine if you should receive the rabies vaccination. Clark County has not seen any positive cases of rabies in recent years, but wildlife migration requires diligence.

Animal Bite Reports	2017	Hours Spent 2017	2018	Hours Spent 2018
Bites reported	213	N/A	200	N/A
Field Visits	47	29.96	52	49.48
Return visits	8	6.51	7	6.21
Samples	2	2	5	11.8
Positive Samples	0	N/A	0	N/A

Mosquito Program

Mosquitos are known carriers of many diseases as well as being a general nuisance to outdoor activities. In 2018 the mosquito control program was reorganized to concentrate on habitats of disease carrying mosquitos such as Culex species. The department traps mosquitos throughout the county, once sites are determined to be positive for West Nile or other mosquito borne disease, steps are taken to stop the breeding of the mosquitos in those areas. Mosquitos breed in pools of stagnant water especially after heavy rainfall. You can help to control mosquitos in our community by eliminating these pools on your property.

Mosquito Program	2017	Hours Spent 2017	2018	Hours Spent 2018
Traps	46	36.44	204	119.58
Trap Sites	29	N/A	56	N/A
Samples	28	N/A	84	N/A
Positive West Nile Samples	2	N/A	15	N/A
Treatments	120	44.06	223	97.74

Insect Initial Complaints	63	40.98	42	21.8
Complaint Follow Ups	112	50.51	23	12.85

HIV/STD CONTROL PROGRAM

The Clark County Health Department partners with the Hoosiers Hills AIDS Coalition to administer the Indiana HIV/STD Control program for Southeast Indiana. The department goal is to provide comprehensive and integrated services for all aspects of HIV/AIDS treatment

HIV PREVENTION PROGRAM

	2017	2018
Counseled	696	864
Tested	696	864
Test HIV+	11	11
Hepatitis C+	86	58
Counseled Post-Test	654	864

HIV/AIDS AND STD EDUCATIONAL PROGRAM (SPSP)

Substance abuse case management and services for HIV+/Aids Clients. This offers educational programs/presentations to drug treatment facilities, jails/prisons, youth shelters, schools, etc. Testing may be offered on site.

	2017	2018
Presentations	29	61
Participants	385	691
Education linked tests	298	576
Tested HIV+	0	0
Tested Hepatitis C+	81	47

HIV/AIDS CARE COORDINATION AND SPSP

The Health Department is committed to providing treatment for HIV+ individuals regardless of their insurance status and ability to pay. There are many different programs for every financial situation.

AIDS Drug Assistance Program: Indiana State Department of Health program that offers coverage for obtaining HIV related prescriptions and other related medications.

Early Intervention Plan: Provides limited coverage for clients without insurance

Health Insurance Assistance Program: Indiana State Department of Health program that pays insurance premiums, deductibles, and co-payments for individuals on high risk insurance coverage.

Direct Emergency Financial Assistance: Emergency assistance needs- rent/utilities, medications, food, transportation

Housing Opportunities for People With AIDS: Housing/Utility assistance both short and long term for those who meet HUD requirements.

	2017	2018
Clients Served	297	284
Direct Client Service Hrs. Expended	4673	4683

STD PROGRAM

Follow Ups	2017	2018
GC/Ct	2350	2443
HIV/AIDS	50	171
Syphilis	56	429

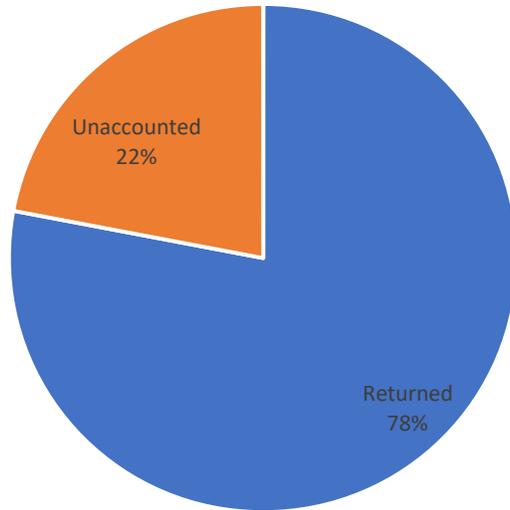
SYRINGE SERVICES PROGRAM (SSP)

People who inject drugs (PWID) are much more likely to contract HIV, Hepatitis and other blood-borne diseases than the rest of the general population. The Syringe Service Program aims to lower this risk by providing sterile needles and syringes as well as safe disposal of used needles. To some, at first glance, an SSP might give the impression of enabling drug use but this is far from the truth. The program is not a simple exchange of old and new syringes but rather a program to reduce the harm injection drugs have on the entire community. Individuals are interviewed to determine their usage habits, such as how often they use and their estimated dosage. From this, we can help them reduce their usage in a safe and manageable way. Individuals are only given a supply of syringes that we believe they will be able to return in a set period of time, usually 7 days. Our goal is to have these individuals return to the SSP regularly as PWID are on average 5x more likely to seek out addiction treatment and are more likely to complete these services when offered through an SSP. On top of resources to treat addiction the SSP also offers referrals to mental health programs, vaccination and treatment options for viral hepatitis and HIV. In recent years there has been a dramatic increase in the amount of fentanyl in the US drug market. Fentanyl, a synthetic opioid 50-100x stronger than morphine, and is easily mixed into other drugs without detection. This is a serious concern because as little as 3mg of fentanyl can be lethal, compared to heroin who's average lethal dose for the same sized individual is around 30mg. The SSP provides chemical testing kits that can detect this fentanyl and prevent unintended overdoses. Opioids attach to opioid receptors in the brain which among other things slows your breathing and relaxes your muscles. An overdose occurs when your respiratory muscles become so relaxed that your body and most importantly your brain is not receiving enough oxygen. Narcan is used to counteract these life-threatening symptoms of an overdose. Our SSP offers training in Narcan use as well as providing it for PWID or family members who may encounter someone who has overdosed. With this comes training

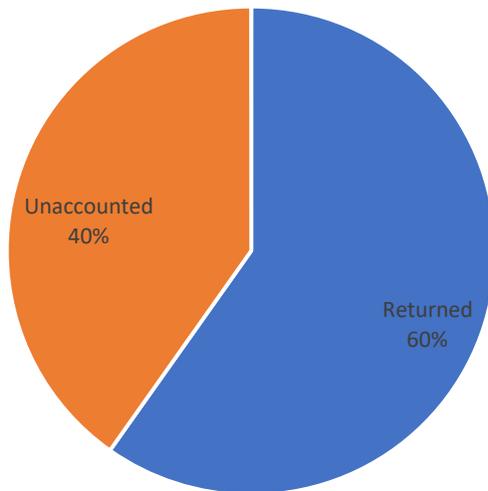
in how to spot an overdose and what to do. Our Syringe exchange program is not the end all be all solution that will end drug use in our community, but it does play a very vital role in harm reduction. By making sure the PWID know safe injection procedures the spread of viral Hepatitis and HIV is reduced. The proper disposal of syringes, from the public, reduces unintentional needlestick injuries for first responders and others. According to the CDC 1 in 3 officers will receive a needlestick sometime during their career and with each stick comes another chance of infection. Informing users about the dangers of fentanyl and opioid overdose and giving them the means to protect themselves not only saves lives but gives them another chance to utilize the SSP to end their addiction. Our SSP will be able to reach more individuals than ever this year as we have recently been awarded a mobile unit to extend service throughout the area.

	2017	2018
Number of Client Visits	557	1098
Number of Unique Clients	216	265
Syringes distributed	30373	46591
Syringes returned	18163	36337
Return Rate	60%	78%
Narcan Doses Dispensed	56	95

Syringe Return rate 2018



Syringe Return Rate 2017



INDIVIDUAL DEPARTMENT ANNUAL REPORTS

NURSING ANNUAL REPORT

Immunization

Clinics (in office) 52

Total Immunizations 1359

Total Patients 442

VaxCare Immunizations (Program started in June) 57

Adult Hepatitis A vaccines (in response to outbreak) 2091

Tdap vaccines (in response to flooding) 444

Tuberculosis

TB skin tests administered 410

TB patients with DOT (Direct observation Therapy) 5

Interaction with TB patients (DOT) 400

TB Reactors (Prophylactic meds) 5

Communicable Disease Investigations 672

Hepatitis A 107

Hepatitis C 234

Hepatitis B 37

Animal Bites 194

Rocky Mountain Spotted fever 34

Campylobacteriosis 12

Ehrlichiosis 9

Giardiasis 6

Legionellosis 6

Lyme Disease 4

Varicella 4

Histoplasmosis 2

West Nile 1

Vision Screens 100

Lice Screens 20

Lead Investigations

Meetings/Special Events:

Clark County Cares Panel and Speech

Library Hepatitis A Presentation

Community Health Fairs Clark Memorial Hospital (2) Hepatitis Vaccines Given

FBI Sex Trafficking Sting (Hepatitis A Vaccines given)

Stop the Bleed

State Public Health Nurse Conference

Recovery Clinic (methadone Clinic) Hepatitis A vaccines given

Baby and Me Tobacco Free Conference

Opioid and Food Borne Illness Conference

Labor of Love Summit

District 9 Hepatitis A conference

State Syringe Exchange Meeting

From February through September we went to the Clark County Jail three times weekly to immunize inmates with the Hepatitis A vaccine. As cases and participants decreased we decreased our time as well. In October we went twice weekly and once weekly in November and December. We also vaccinated county employees, police and fire departments and restaurant employees. Throughout the year we offered the vaccine at the following locations:

Haven House

Bliss House

Community Kitchen

Syringe Exchange Program

Exit Zero

Maple Church

America's Best Model

Claysburg Towers

Jerry's House

BABY AND ME TOBACCO FREE REPORT

Baby and Me Tobacco Free (BMTF)

95 enrollments

361 client sessions

163 vouchers given

Safe Sleep Program

24 cribs distributed

Pregnancy Tests

43 tests given

Outreach/Training/Community Involvement

Tobacco Coalition meetings

BMTF Facilitator training

HIV 101 Training

Back up for SEP(syringe exchange program)

HIV testing Certified

Head Start Advisory Board

Stop The Bleed training

Safe Sleep training

Perinatal networking group-Madison

Naloxone training

Quarterly BMTF program webinars

Baby Fair @ Diaper Project-Charlestown

Labor of Love Infant Mortality Summit

Safe Sleep classes at Early Head Start Baby ShowerX2

Numerous BMTF program trainings for staff at various community agencies

WIC baby shower

AIDS PREVENTION AND STD PROGRAM ANNUAL REPORT

HIV Prevention Program

	2017	2018
COUNSELED	696	864
TESTED	696	864
TEST HIV+	11	11
HEPATITIS C+	86	58
COUNSELED POST-TEST	654	864

HIV/AIDS and STD educational Program SPSP

	2017	2018
PRESENTATIONS	29	61
PARTICIPANTS	385	691
EDUCATION LINKED TESTS	298	576
TESTED HIV+	0	0
TESTED HEPATITIS C+	81	47

HIV/Aids Care Coordination

	2017	2018
CLIENTS SERVED	297	284
DIRECT CLIENT SERVICE HRS EXPENDED	4673	4683

STD Program

FOLLOW UPS	2017	2018
GC/CT	2350	2443
HIV/AIDS	50	171
SYPHILIS	56	429

Syringe Service Program

	2017	2018
NUMBER OF CLIENT VISITS	557	1098
NUMBER OF UNIQUE CLIENTS	216	265
SYRINGES DISTRIBUTED	30373	46591
SYRINGES RETURNED	18163	36337
RETURN RATE	60%	78%

CLARK COUNTY HEALTH DEPARTMENT



Environmental Department Annual Report

2018

The Environmental Department has delivered exceptional service to the community they serve once again in 2018! We are pleased to provide you with the department annual report showing all the numbers, the effort, and the goals achieved throughout the past year. However, public health is more than just numbers, it's the culmination of physical, mental, spiritual, and financial wellbeing. The environmental department is proud to be a partner in the community and will continue to raise the bar, our expectations, as we continue to meet yours! So here is a look beyond the numbers.

“The Clark County Board of Health’s mission is to promote a safe and healthy community for people of Clark County, Indiana.”



Clinic at Community Action of Southern Indiana

Year 2018

- Public Health
- Emergency
- New Initiatives
- Marketing
- The Numbers
- 2019



Stop the Bleed Training Jeffersonville Police Department

Public Health Emergency

A national outbreak of Hepatitis A impacted Clark County in January of 2018, as most people know the disease transmission usually is attributed to contaminated food and unsanitary conditions, among other things. The environmental department was instrumental in providing logistical support to our public health nurse team from the beginning of the outbreak. Environmental efforts included coordinating logistical support for mass clinics at the Clark County Jail, various shelters, soup kitchens, restaurants, and homeless camps. Working with other CCHD departments created an exceptional team of public health practitioners that ultimately received recognition from both the Center for Disease Control and Prevention, as well as the Indiana State Department of Health.

While efforts continued with Hepatitis A, in February the county experienced severe flooding in Utica, Jeffersonville, and some campgrounds along the river. Once again, the environmental department provided logistical support for vaccination clinics for tDAP or commonly known as tetanus shots. Multiple clinics were organized and supported in Utica and along the campgrounds along the river.

While these tasks can be monumental, the environmental department prepares and plans for these events long before they disrupt the community. Fortunately, we have a public health coordinator that builds relationships with our county emergency responders and with our neighbors across the river. The coordinator for Clark County brings order to chaos through mitigation, preparedness, response, and recovery. This planning keeps CCHD a solution to these events, not part of the event.

The Numbers

The environmental department has seven field staff, one preparedness coordinator, and the department supervisor. In the past few years the environmental department has strived to digitize inspections, complaint records, and any department function that would benefit from this transition into current technology. The staff can now perform inspections such as restaurants, pools, tattoos, and septic systems with Microsoft Surface Pro's in the field. Complaint records can be accessed going back to the 1990's using their tablets in the field, saving time while gathering information. All of these advances have made the department more efficient and able to accomplish more in a given day than before this valuable resource investment. Over the past two years we have achieved remarkable improvements in the number of inspections and investigation turnarounds as a result of the dedication of the staff and the resources we now possess to make the job efficient. The attached charts and tables speak to the determination of the environmental staff, their effort to protect the Clark County Community, and the investment into a successful department.



Marketing

Over the years the community at large probably didn't know how their health department protected them from disease, unsanitary conditions, epidemics, outbreaks, etc. This is true all across the nation for one simple reason, the work performed by public health tries to mitigate those occurrences or emergencies before they happen! Since emergencies are effectively mitigated before crisis stage, public health rarely gets discussed at the top of the news hour. However, public health agencies can only do so much without the participation of the very community we serve. Therefore, in coordination with the HIV/STD Program, the environmental department was able to work on the production of multiple media platforms that serve to educate and inform the public about public health in their community.

In 2018 the environmental department produced its first issue of "For the Health of It". This is a quarterly newsletter that is available online and sent directly to your "inbox" if you register. The newsletter features current health concerns, addresses chronic health issues, highlights new programs, and also includes some mind exercises like "seek and finds", etc. If you haven't signed up for your quarterly delivery visit www.clarkhealth.net to register, and keep up with what CCHD is doing for you!

With the PulsePoint program unveiling in December 2018 and with the financial backing of the Jeffersonville Fire Department CCHD hired SO IN Media Group to help market this new technology. Their expertise helped our department maximize Facebook, Instagram, and other social media platforms for information sharing. This partnership produced a highly effective launch of PulsePoint and it also taught the department how to use social media, similar to a private business, to engage the community going forward. Our network continues to grow and we look forward to the opportunity to reach more families, businesses, and visitors in Clark County. However, that's not all!

One of our largest investments to reach residents, visitors, and businesses with public health messaging was along our interstates! Through multiple funding sources CCHD was able to secure advertising space on billboards on I-65 North/South near Memphis and by the bridges in Jeffersonville. In addition, digital board space was utilized at the I-265 and I-65 junction in Clarksville. Most of the advertising was digital allowing for varied messaging which included information on HIV/STD testing and treatment, mosquito and tick disease, vital statistics, immunization availability, prenatal care, HepA, and more. Business leaders and residents provided positive feedback regarding this messaging, therefore we will be continuing the use of digital boards for messaging for all of 2019!!!!

Finally, our general community outreach in 2018 improved significantly. The mobile medical unit was staffed by the environmental, HIV/STD, and health nurse program staff throughout the year. Outreach, HIV/STD testing, and immunizations were offered at the County 4H Fair, Pride Festival, Clark County CARES events, and other venues throughout the year. The environmental department collaborated with LifeSprings Health Systems on several occasions to provide limited primary care from the mobile medical trailer as well. These opportunities to interact with the people we serve is far and beyond our best method of marketing. Building these relationships with the community will drive the overall health of Clark County.

New Initiatives

In conjunction with planning for natural disasters and manmade threats, the environmental department has worked with Dr. Yazel to acquire programs that help mitigate life threatening conditions. Over the past year two programs were implemented in the county to address these life threatening conditions, they are PulsePoint and Stop the Bleed.

PulsePoint is a smartphone app that utilizes today's technology to make anyone who knows CPR and has the app a Clark County Citizen Responder. Clark County is now a PulsePoint connected community, because of the efforts of Dr. Yazel, our community financial supporters, and the environmental/preparedness team. If you have not heard of or simply need more information www.pulsepoint.org has a wealth of information, great instructional videos, and success stories. For registering an AED visit or our website www.clarkhealth.net.

Our public health coordinator along with Dr. Yazel have worked together to train citizen responders on the use of Stop the Bleed kits in our community. Stop the Bleed is a national awareness campaign that encourages bystanders to become trained, equipped, and empowered to help in a bleeding emergency before professional help arrives. This initiative, like PulsePoint, is a tool used to provide you, a friend, a family member, or stranger the ability to potentially to save a life. In 2018 our public health coordinator established multiple trainings for schools, fire, police, and community members. During these trainings kits were offered to groups that could provide potential lifesaving interventions throughout our community. Additional trainings and kits will be provided in 2019!



2019

What does public health look like in 2019 for Clark County? The environmental department will continue to focus and build upon initiatives such as PulsePoint, Stop the Bleed, and the daily activities that improve and protect the public health already in place. However, public health is never static, it can change in an instant. One of the issues we hope to address in 2019 is to look at how lead in homes may be impacting our children. The environmental department has already secured a \$10,000 grant to provide education to practitioners and parents of children 6 months to 6 years of age regarding the detriments of lead in the home. This campaign will be rolling out beginning in April, check out our newsletter and social media platforms for more information.

Other environmental goals include increased inspections of our highest risk food establishments in Clark County. These are facilities such as elementary schools and facilities that reduce oxygen package or vacuum seal foods onsite. In addition, due to recent state legislation the health department is now responsible for inspecting the local hospitals in Clark County, formally a state function. We look forward to working with these new partners and working together to ensure delivery of safe food to our most vulnerable population.

The environmental department and its dedicated staff hope to build upon the many successes of 2018 into 2019! Public health is not just an agency function so much as a community function, we look forward to continuing to educate, protect, and improve the health of your Clark County community.



TATTOO	2018	HOURS 2018	2017	HOURS 2017
Facility Permits	10	N/A	10	N/A
Artist Permits	49	N/A	43	N/A
Initial Inspection	42	37.62	30	27.92
Follow-up Inspection	1	0.24	1	0.59
Complaint Initial Investigation	6	4.75	5	7.57
Complaint follow-up	1	0.6	0	0

The tattoo program maintained the same number of facilities over the course of the year, but CCHD increased the number of inspections of the facility by 12 from the previous year. The current ordinance only requires two inspections per facility, however, most facilities were inspected three times. This extra inspection gave our staff additional coaching time to ensure the safety of both the artist and the consumer. The inspections throughout the year didn't demonstrate any severe or ongoing deficiencies within our tattoo and piercing establishments.

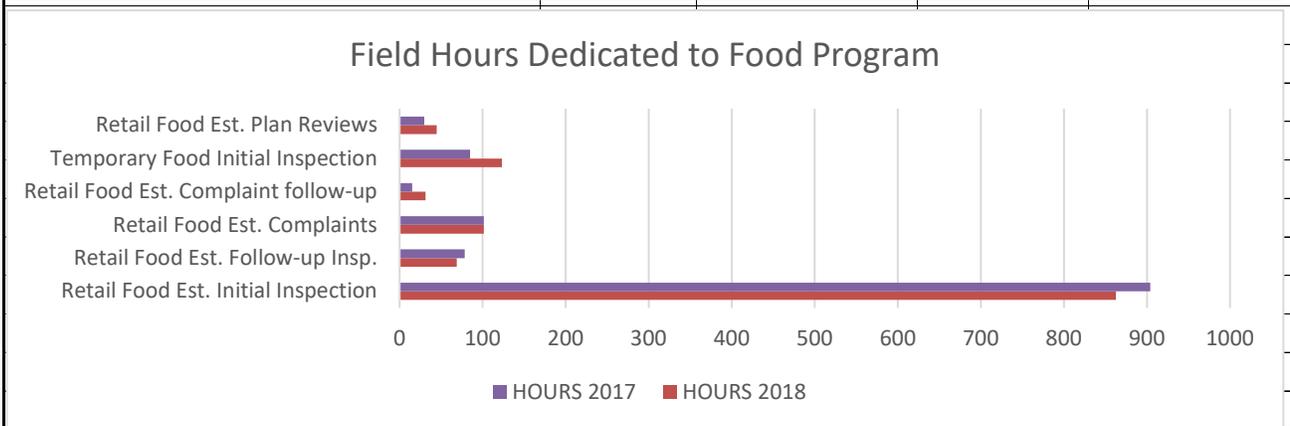
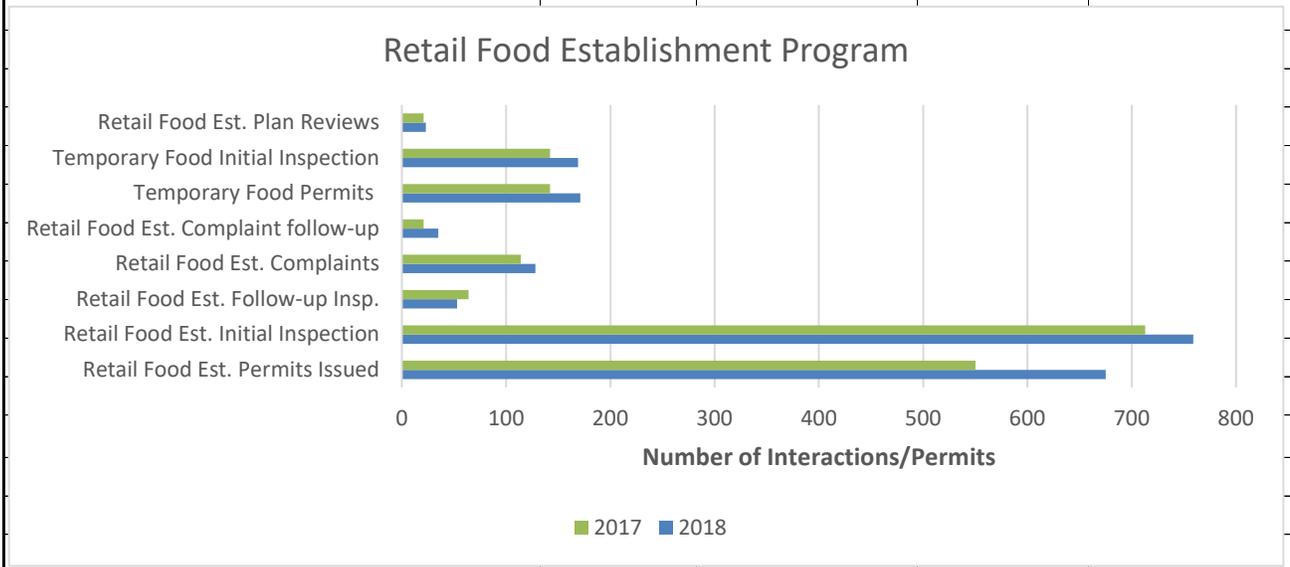
LEAD PROGRAM	2018	HOURS 2018	2017	HOURS 2017
Risk Assess/Inspections	1	0.54	1	1.65
Risk Assess/Inspections Follow-Up	1	0.34	1	0.56
Samples	0	0	1	N/A

CCHD has one lead risk assessor at this time, but we currently do not have access to the appropriate equipment to perform testing or evaluations in the home. Our office must request assistance from the Indiana State Department of Health for access to the necessary equipment. In 2019 we have been awarded a \$10,000 grant primarily focus on testing of children ages 6 months to 6 years in Clark County, this grant only allows for education materials, no equipment.

OTHER PROGRAMS	2018	HOURS 2018	2017	HOURS 2017
Emergency Response	52	137.05	20	65.27
Emergency Response follow-ups	68	75.45	13	16.44
Office Hearings	2	0.7	2	2.5
Mass Clinic	12	133.66	1	9.13
Disaster Response	1	98.09	N/A	0
Needle Exchange	N/A	0	N/A	125.43

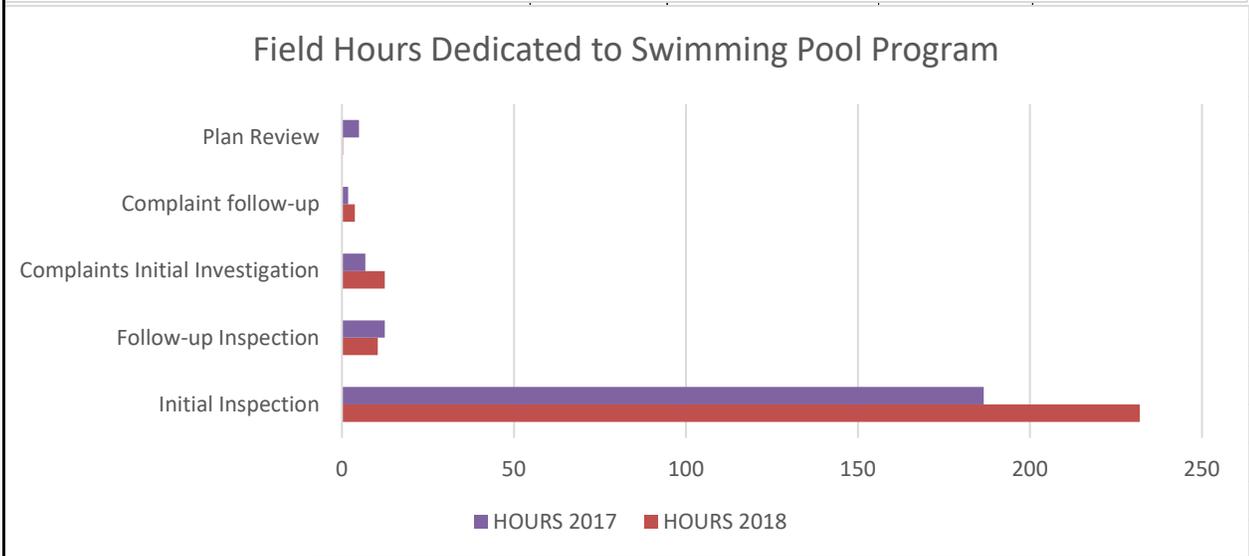
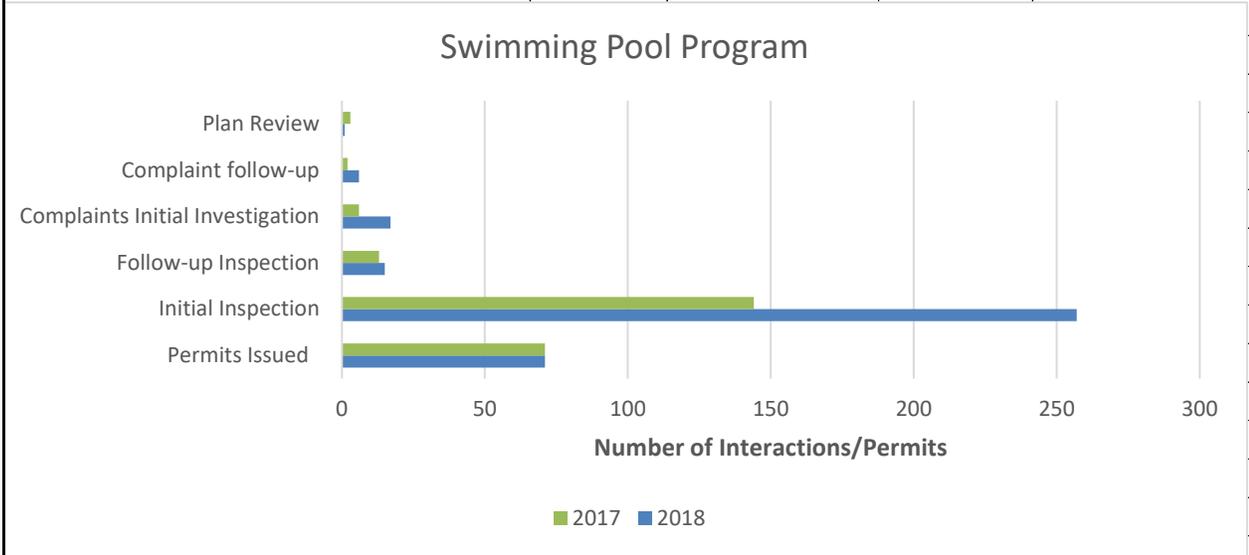
The Emergency Response program and other associated task in 2019 have exceeded the previous years substantially. The Hepatitis A outbreak required the environmental department to provide logistical support for vaccinations in the jail and for several restaurants within our community. In addition, the flooding in Utica and other low lying areas of the county required our support for tDAP vaccination clinics as well. The number of emergency responses (after hour public health emergencies) increased substantially, likely because of our strengthened relationships with our Fire Department partners in Clark County. This renewed partnership contributed to the successful launch of PulsePoint in Clark County, the fire departments were instrumental in making the PulsePoint initiative a success.

RETAIL FOODS	2018	HOURS 2018	2017	HOURS 2017
Retail Food Est. Permits Issued	675	N/A	550	N/A
Retail Food Est. Initial Inspection	759	862.42	713	904.05
Retail Food Est. Follow-up Insp.	53	68.72	64	78.54
Retail Food Est. Complaints	128	101.32	114	101.32
Retail Food Est. Complaint follow-up	35	31.33	21	15.18
Temporary Food Permits	171	N/A	142	N/A
Temporary Food Initial Inspection	169	123.39	142	84.73
Temporary Food Follow-up Inspection	0	0	1	0.5
Temporary Food Complaints	0	0	0	0
Temporary Food Complaint follow-up	0	0	0	0
Physical Facilities	531	N/A	537	N/A
Retail Food Est. Plan Reviews	23	44.76	21	29.66



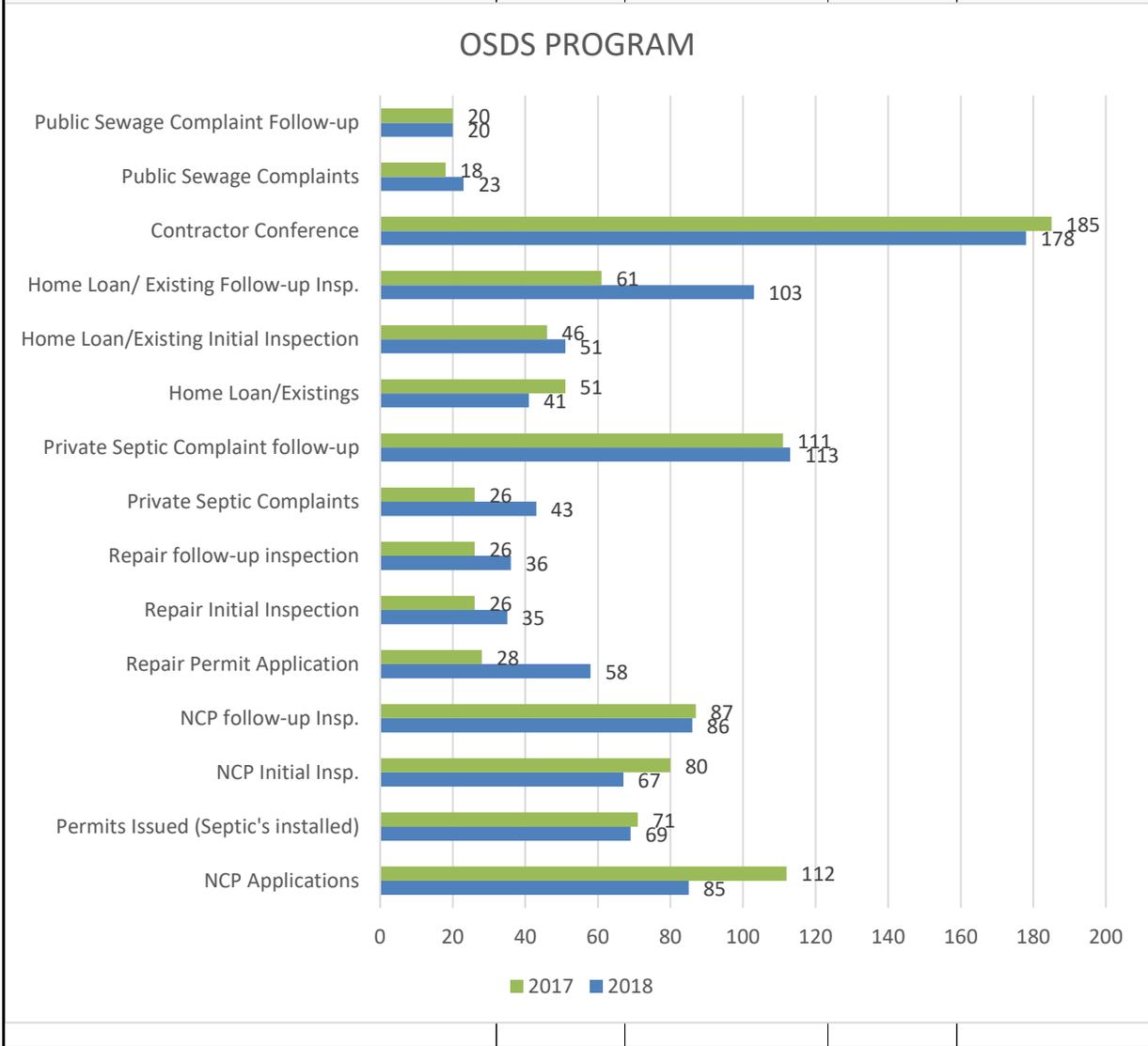
Risk Based Inspection Matrix				
Menu Type	1st Insp.	2nd Insp.	3rd Insp.	Total
1	100%	N/A	N/A	100%
2	99%	N/A	N/A	99%
3	100%	61%	N/A	61%
4	100%	95%	38%	38%
5	100%	100%	0%	0%

SWIMMING POOL PROGRAM	2018	HOURS 2018	2017	HOURS 2017
Permits Issued	71	N/A	71	N/A
Initial Inspection	257	231.88	144	186.59
Follow-up Inspection	15	10.38	13	12.46
Complaints Initial Investigation	17	12.44	6	6.84
Complaint follow-up	6	3.72	2	1.82
Plan Review	1	0.32	3	4.94



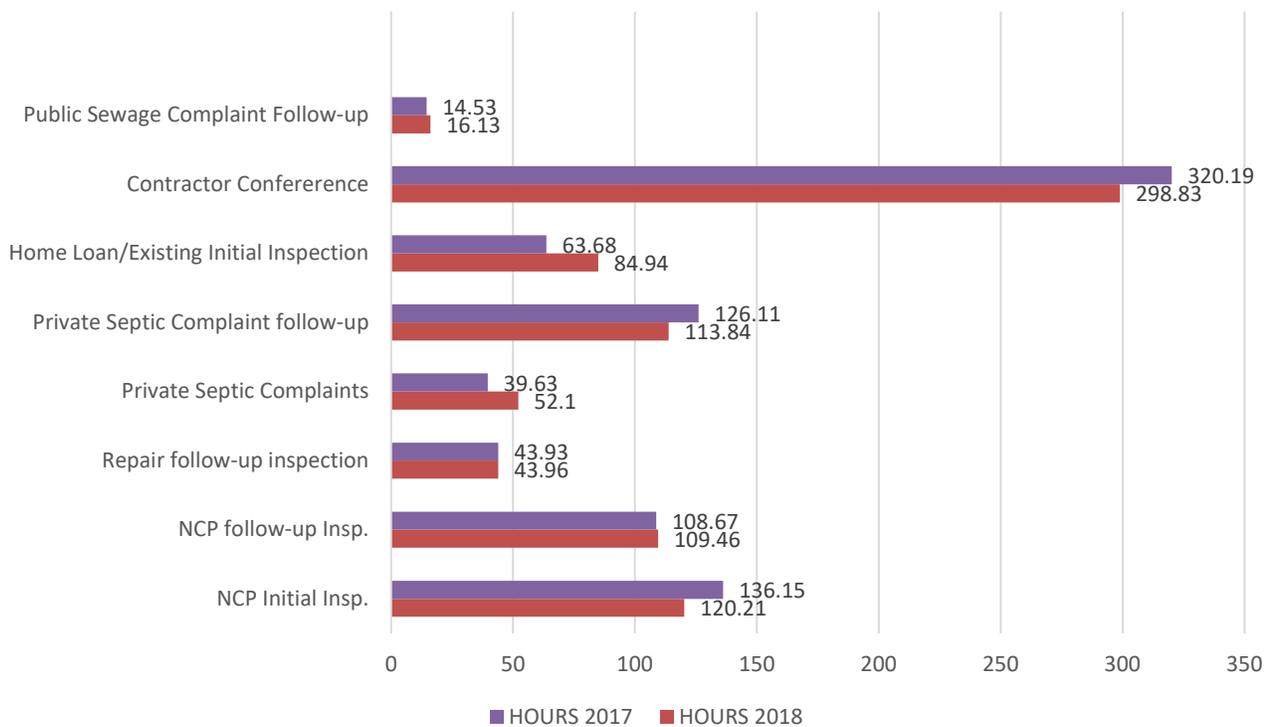
The Pool and Spa program needed to have more focus, more time invested in coaching, and more training for staff. In 2017 the Environmental Department completed 144 inspections, in 2018 after a substantial amount of effort the staff completed 257 inspections. The Center for Disease Control had issued guidance throughout 2018 reinforcing the importance of pool chemistry and oversight, the department recognized the need and adjusted priorities to accomplish increased pool inspection time. Nearly all of our inspectors are Certified Pool Operators and maintain that professional licensing. Their education and training is being passed onto the local operators, making for a safer recreational pastime in Clark County.

OSDS PROGRAM	2018	HOURS 2018	2017	HOURS 2017
NCP Applications	85	N/A	112	N/A
Permits Issued (Septic's installed)	69	N/A	71	N/A
NCP Initial Insp.	67	120.21	80	136.15
NCP follow-up Insp.	86	109.46	87	108.67
Repair Permit Application	58	N/A	28	N/A
Repair Initial Inspection	35	60.85	26	39.2
Repair follow-up inspection	36	43.96	26	43.93
Private Septic Complaints	43	52.1	26	39.63
Private Septic Complaint follow-up	113	113.84	111	126.11
Home Loan/Existings	41	N/A	51	N/A
Home Loan/Existing Initial Inspection	51	84.94	46	63.68
Home Loan/ Existing Follow-up Insp.	103	104.59	61	59.89
Contractor Conference	178	298.83	185	320.19
Registered Installers	42	N/A	N/A	N/A
Public Sewage Complaints	23	25.43	18	15.19
Public Sewage Complaint Follow-up	20	16.13	20	14.53



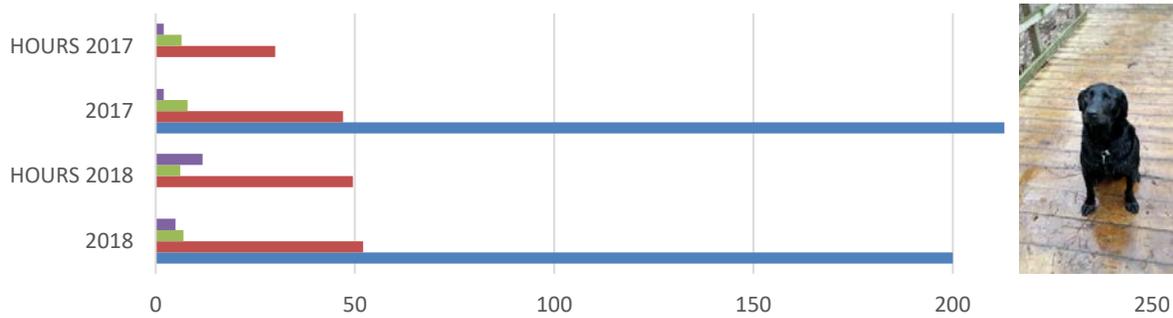
OSDS PROGRAM	2018	HOURS 2018	2017	HOURS 2017
NCP Applications	85	N/A	112	N/A
Permits Issued (Septic's installed)	69	N/A	71	N/A
NCP Initial Insp.	67	120.21	80	136.15
NCP follow-up Insp.	86	109.46	87	108.67
Repair Permit Application	58	N/A	28	N/A
Repair Initial Inspection	35	60.85	26	39.2
Repair follow-up inspection	36	43.96	26	43.93
Private Septic Complaints	43	52.1	26	39.63
Private Septic Complaint follow-up	113	113.84	111	126.11
Home Loan/Existings	41	N/A	51	N/A
Home Loan/Existing Initial Inspection	51	84.94	46	63.68
Home Loan/ Existing Follow-up Insp.	103	104.59	61	59.89
Contractor Conference	178	298.83	185	320.19
Registered Installers	42	N/A	N/A	N/A
Public Sewage Complaints	23	25.43	18	15.19
Public Sewage Complaint Follow-up	20	16.13	20	14.53

Number of Field Hours Dedicated to the Onsite Sewage Program



The on-site sewage program has primarily remained static, except for repair permits. The drop in applications for NCP's is likely because no new subdivisions using septic systems have been approved by Planning and Zoning. The repairs and existing septic system replacements have increased marginally. More homeowners are acquiring permits and installing new systems to replace failing systems. This trend is a substantial improvement for the public

Rabies Control Program

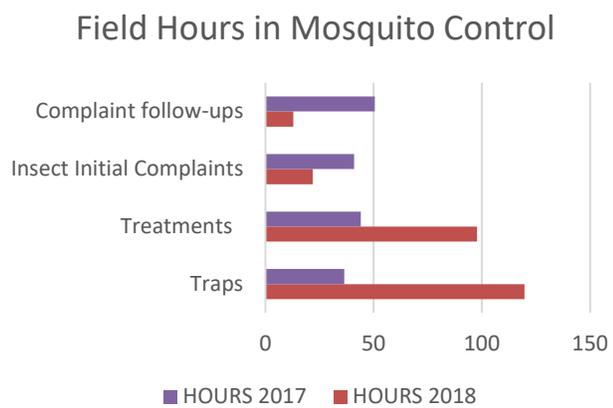
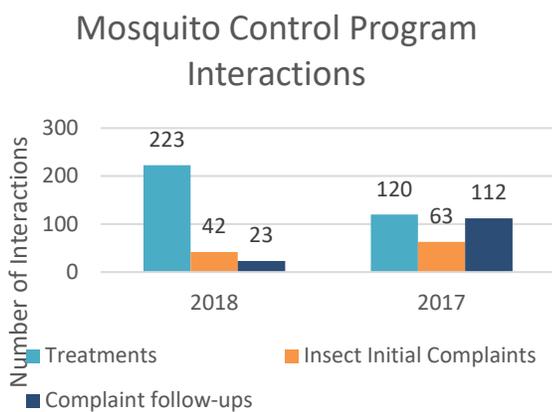


	2018	HOURS 2018	2017	HOURS 2017
Samples	5	11.8	2	2
Return Visit	7	6.21	8	6.51
Field Visit	52	49.48	47	29.96
Bites Reported	200	0	213	0

■ Samples
 ■ Return Visit
 ■ Field Visit
 ■ Bites Reported

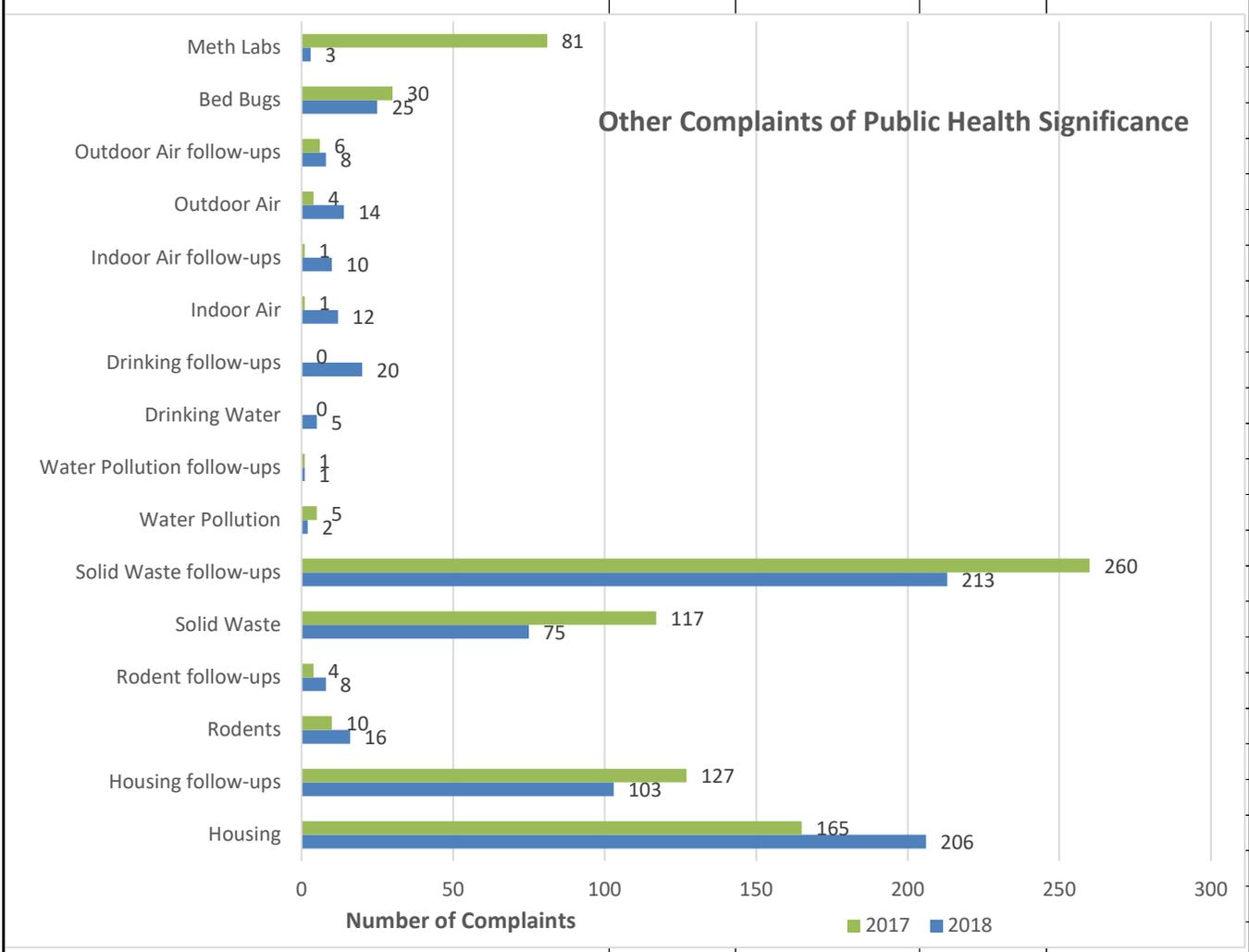
The animal bites reported to the office were similar to 2017. The number of samples submitted increased slightly, but no positive samples were reported during 2018. As expected most of the time spent in this program centered on education and ensuring that pet owners responsibly care for their animals by vaccinating for rabies. For 2019 CCHD is looking at the possibility of a public rabies vaccination event as had been done in years past.

MOSQUITO PROGRAM	2018	HOURS 2018	2017	HOURS 2017
Traps	204	119.58	46	36.44
Trap Sites	56	N/A	29	N/A
Samples	84	N/A	28	N/A
Positive Samples (WNV)	15	N/A	2	N/A
Treatments	223	97.74	120	44.06
Insect Initial Complaints	42	21.8	63	40.98
Complaint follow-ups	23	12.85	112	50.51

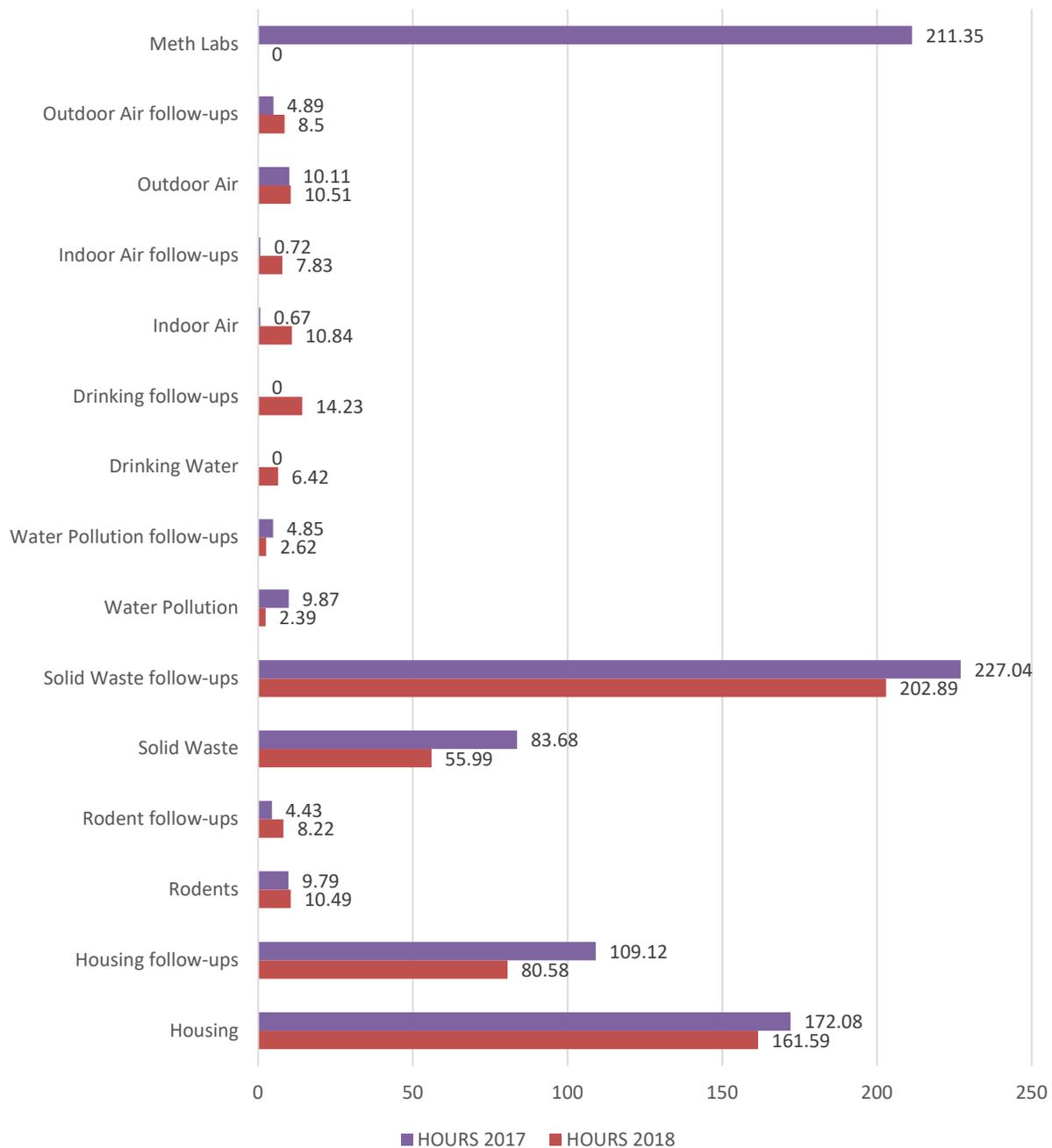


The mosquito control program was reorganized in 2018. This restructure emphasized trapping and identification of West Nile positive sites in the county. Reallocation of treatment efforts focused resources on West Nile positive sites, of which 15 were discovered in 2018. Department treatment effort focused on sites breeding mosquitoes that carry disease.

OTHER COMPLAINTS	2018	HOURS 2018	2017	HOURS 2017
Housing	206	161.59	165	172.08
Housing follow-ups	103	80.58	127	109.12
Rodents	16	10.49	10	9.79
Rodent follow-ups	8	8.22	4	4.43
Solid Waste	75	55.99	117	83.68
Solid Waste follow-ups	213	202.89	260	227.04
Water Pollution	2	2.39	5	9.87
Water Pollution follow-ups	1	2.62	1	4.85
Water Pollution Samples	0	0	0	0
Drinking Water	5	6.42	0	0
Drinking follow-ups	20	14.23	0	0
Private Water	1	1	0	0
Private Water follow-ups	4	2.78	0	0
Indoor Air	12	10.84	1	0.67
Indoor Air follow-ups	10	7.83	1	0.72
Outdoor Air	14	10.51	4	10.11
Outdoor Air follow-ups	8	8.5	6	4.89
Bed Bugs	25	N/A	30	N/A
Meth Labs	3	0	81	211.35



Other Complaints of Public Health Significance Field Hours



General public complaints received by CCHD from 2017 to 2018 had not changed significantly. Solid waste was the primary complaint which generates other public health concerns such as rodent and pest attraction to surrounding homes and neighborhoods. The other concentration of complaints received revolved around housing; anything from mold, bedbugs, to roaches, etc.



2018 Budget Summary

	A	B	C	D	E	F	G	H	I
1	FUND #	NAME OF FUND	PERSONAL SERVICES	SUPPLIES	SERVICES & CHARGES	CAPITAL OUTLAYS	TOTAL PROP.	ACTUAL SPENT	CARRYOVER TO 2019
2	1151	Public Safety / EMS	\$0.00	\$2,752.00	\$3,000.00	\$0.00	\$5,752.00	\$255.00	\$5,497.00
3	1159	Health Fund **	\$932,179.00	\$28,500.00	\$72,798.00	\$1,000.00	\$1,034,477.00	\$931,819.08	\$433,598.18
4	1168	Local Health Maintenance Fund	\$39,505.00	\$4,000.00	\$33,914.00	\$3,000.00	\$80,419.00	\$53,841.46	\$63,231.58
5	1199	Mosquito **	\$51,526.00	\$2,860.00	\$1,000.00	\$0.00	\$55,386.00	\$49,418.29	\$24,686.46
6	1206	IN Local Health Dept. Trust Acct.	\$15,165.00	\$2,730.00	\$27,467.00	\$0.00	\$45,362.00	\$26,846.32	\$78,432.12
7	4014	TB & Immunizations	\$0.00	\$3,000.00	\$5,000.00	\$0.00	\$8,000.00	\$4,587.14	\$22,058.18
8	4102	PulsePoint			\$12,000.00		\$12,000.00	\$11,945.00	\$55.00
9	8102	Accreditation	\$0.00	\$3,050.00	\$2,000.00	\$0.00	\$5,050.00	\$804.00	\$4,541.79
10	8200	MRC Grant	\$0.00	\$2,346.00	\$4,860.00	\$750.00	\$7,956.00	\$1,348.22	CLOSED
11	8204	HIV Grant	\$169,995.00	\$0.00	\$3,958.00	\$0.00	\$173,953.00	\$170,479.53	-\$96,005.55
12	8207	STD Grant	\$91,967.43	\$7,406.00	\$5,450.00	\$0.00	\$112,500.00	\$147,580.02	-\$65,050.62
13	8210	HIV Substance Abuse Grant	\$76,926.00	\$5,858.00	\$7,216.00	\$0.00	\$90,000.00	\$121,961.29	-\$14,845.37
14	8211	Baby & Me Tobacco Free Grant	\$53,093.00	\$700.00	\$7,360.00	\$1,211.00	\$61,864.00	\$55,060.73	-\$29,736.29
15	8212	Bioterrorism/Prepared. Grant	\$51,228.00	\$3,002.00	\$4,540.00	\$4,391.00	\$63,161.00	\$61,036.38	\$2,223.85
16	8214	Syringe Exchange Program	\$10,765.00	\$4,235.00	\$0.00	\$0.00	\$15,000.00	\$1,693.66	
17	8215	Overdose Response Project	\$0.00	\$100.00	\$21,951.00	\$0.00	\$22,051.00	\$29,375.51	-\$1,075.00
18	8216	Ryan White Part B Supp		\$9,000.00			\$9,000.00	\$9,000.00	\$0.00
19	9200	Care Coordination Grant	\$204,264.00	\$13,238.00	\$11,000.00	\$11,498.00	\$240,000.00	\$241,843.36	-\$3,274.80
20	9203	Syringe Exchange Program	\$0.00	\$10,000.00	\$0.00	\$0.00	\$10,000.00	\$9,903.00	\$11,747.00
21									
22		Totals	\$1,696,613.43	\$102,777.00	\$223,514.00	\$21,850.00	\$2,051,931.00	\$1,928,797.99	
23			1159 Spring settle:		1199 Spring settle:				
24		Excise Tax	\$35,151.22		\$2,485.46				
25		Property Tax	\$444,969.77		\$31,377.93				
26		Cvet	\$2,347.82		\$166.01				
27		F.I.T. to Units	\$972.57		\$68.77				
28			1159 Fall settle:		1199 Fall settle:				
29		Excise Tax	\$38,192.43		\$2,700.48				
30		Property Tax	\$324,676.93		\$22,895.40				
31		Cvet	\$2,347.82		\$166.01				
32		F.I.T. to Units	\$1,038.99		\$73.46				
33		Carry Forward from 2017:	\$246,387.54		\$13,585.81				
34		Circuit Breakers:	-\$95,153.68		-\$6,728.04				
35		** supported by property taxes							