

2014 Annual Report

Montgomery County Health Department

110 W. South Boulevard, Crawfordsville, IN 47933

Phone: (765) 364-6440 - Fax: (765) 361-3239



Public Health

Prevent. Promote. Protect.

Our mission as the Montgomery County Health Department is to better serve the community by providing public health services which promote and protect the health of the citizens of Montgomery County.

Services that are provided by the Health Department are as follows:

Community Preparedness

The health department works in conjunction with other first responder agencies to better protect the citizens of Montgomery County. The focus of the health department is particularly in the area of public health emergencies.

Disease Control

One of the goals of the health department is to detect, contain, and prevent disease in Montgomery County through health safety measures, education, and coordination with other agencies.

Environmental Safety

Environmental safety measures undertaken by the health department include septic inspections, mosquito control, animal bite testing, and bacteria testing for both drinking and swimming water.

Food Safety

The health department inspects all county food establishments, including schools, restaurants, convenience stores, festival booths, and farmer's market booths as needed or required by law.

Immunizations

Partnering with Christian Nursing Service (Well Baby Clinic), the health department provides childhood immunizations free of charge through the Indiana Vaccines for Children program. Adult vaccines are also available for a charge. We also provide tuberculosis tests, case management for latent and active tuberculosis cases, and flu clinics.

Vital Records

Birth and death records of all those who were born in or died in Montgomery County are kept at the health department. Copies of these records can be obtained with proper identification. We also provide corrections for records, paternity affidavits, and genealogy searches.

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The Montgomery County Health Department can now be found on

Facebook at <https://www.facebook.com/MontCoHealth> and on Twitter at <https://twitter.com/MontCoHealthDep>



Montgomery County Health Department **Employees 2014**



Carl B. Howland, M.D.	Health Officer
Amber Reed	Public Health Administrator
Rebecca Lang, R.N.	Public Health Nurse
Adrianne Northcutt	Food Inspector
Samantha Swearingen	Vital Records Clerk/Receptionist
Don Orr	Septic Inspector
Brookanna Walters	Vital Records Clerk/ Lab Analyst
Michele Thompson, R.N.	Part-Time Nurse

Health Board Members 2014

Nancy Sennett, R.N.	President
Dr. Scott Douglas M.D.	Vice President
Rhonda Day	Secretary
Dr. Sharon Keedy, D.V.M.	
John Walker, D.D.S.	
Carol Laursen	
Jeff Florey	



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Montgomery County Health Department Budgets

The Health Department is funded by Tax Levies, State Grants and Awards

Health Fund Tax Levy	\$50,683.71
Local Health Maintenance Fund	\$ 33,139.00
Local Health Department Trust Acct	\$22,230.00
Preparedness Grant	\$15,836.00
Medical Reserve Corp Grant	\$10,000.00

2014 Funding Utilized from the Health Fund

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

Salaries	\$ 169,405.79	Other /Office Supplies	\$ 5,649.99
Employee Taxes and Benefits	\$ 25,852.41	Personal/ Community Health	\$ 3,132.53
Memberships & Conferences	\$ 744.95	Travel	\$ 787.34

2014 Funding Utilized from the Local Health Maintenance Grant

The Local Health Maintenance Grant is provided by the Indiana State Department of Health for use as a supplemental funding source for the health Department. The funding is based on population and is provided to every county in Indiana. This annual grant requires an application that includes a budget that must be approved by the state. Specific uses for the grant funds are detailed within the grant documentation to ensure that the funds are used to support the efforts of the health department without replacing its required primary funding source – the tax levy. This fund is supplemented by fees for services provided such as food permits, water lab testing, septic permits, vaccinations, and vital records.

Salaries	\$ 27,650.00	Employee Taxes and Benefits	\$ 4,302.50
Personal/Community Health	\$ 4,017.59	Water Lab Supplies	\$ 11,255.01
Vector	\$ 1,550.60	Travel	\$1,998.62
Office Supplies	\$ 1,096.43		

2014 Funding Utilized from the Local Health Trust Account Grant

The Local Health Trust Account was formerly called the Tobacco Settlement. Funds for this grant are provided through a settlement with tobacco companies to assist in smoking cessation and education. It was decided that these funds could be utilized to assist health departments in other areas as long as they support the mission of the health department and meet the requirements of the grant. This annual grant requires an application that includes a budget that must be approved by the state. This fund is supplemented by fees when required to reimburse for items the health department receives a fee for by a resident.

Salaries	\$ 2,746.34	Employee Taxes and Benefits	\$ 210.11
Flu Vaccine and Other Supplies	\$ 11,627.68	Medical Supplies	\$ 5,032.63
Food Program	\$ 995.00	Contracted Programs	\$ 7,180.00
Print Services	\$ 341.53		

2014 Funding Utilized for Preparedness

The Preparedness Grant is managed by the Indiana State Department of Health with funds provided by the CDC. This annual grant requires an application that includes a budget that must be approved by the state as well as criteria for the focus on preparedness planning during the grant cycle. The value of the grant varies from year to year depending on funding provided to the state through CDC. The funding and work cycle for this grant is July 1 to June 30 of each year.

Administration Salary	\$ 11,250.00	Contracted Services	\$ 2,749.95
Pod Supplies	\$ 1,000.05		

2014 Funding Utilized for Medical Reserve Corp

The MRC Grant is managed by the Indiana State Department of Health. This annual grant requires an application that includes a budget that must be approved by the state as well as criteria for the focus on volunteer recruitment, training and preparedness planning during the grant cycle. The funding and work cycle for this grant is July 1 to June 30 of each year. Our department also applies for a Capacity Building Award through NACCHO – National Association of City and County Health Officials which changes from year to year but typically provides at least \$3,500.00 in funding for the Department.

Training and Preparedness	\$ 665.13	Print Services	\$ 18.24
Grant Administration	\$ 7,940.00	Equipment	\$ 602.00
Transportation	\$ 395.29		

2014 User Fees

Vital Records

	2012	2013	2014
Birth Certificate	\$ 13,335.00	\$ 11,320.00	\$ 10,150.00
Genealogy Forms	\$ 55.00	\$ 12.00	\$.00
Paternity Affidavit	\$ 475.00	\$.00	\$.00
Death Certificate	\$ 18,113.00	\$ 15,440.00	\$ 16,290.00
Death Certificate Corrective Reissue	\$ 185.00	\$ 170.00	\$ 200.00
	\$32,163.00	\$26,942.00	\$26,640.00

Food Permits

Permanent Food Establishment 1-10 Employees	\$ 7,388.50	\$ 6,162.00	\$ 8,175.00
Permanent Food Establishment More than 10 empl	\$ 5406.25	\$ 4,500.00	\$ 6,183.00
Other Food Permit	\$ 240.00	\$ 299.00	\$ 470.00
Grocery-Up to 10,000 SQ FT	\$ 2,450.00	\$ 2,850.00	\$ 2,875.00
Grocery-10,0001-35,000 SQ FT	\$ 150.00	\$ 1,050.00	\$ 750.00
Grocery-35,001 and up SQ FT	\$ 525.00	\$ 350.00	\$ 350.00
Seasonal-Single Season	\$ 330.00	\$ 240.00	\$ 150.00
Seasonal-Dual Season	\$ 900.00	\$ 660.00	\$ 840.00
Seasonal-Triple Season	\$ 360.00	\$ 360.00	\$ 720.00
Temporary-3 days	\$ 625.00	\$ 520.00	\$ 600.00
Temporary-Each Additional Day	\$.00	\$ 299.00	\$ 50.00
Food Late Fee\$	\$ 687.50	\$ 0.00	\$ 0.00
New Plan Review		\$ 2,100.00	\$ 1,650.00
	\$21,612.25	\$19,390.00	\$22,813.00

Immunizations

Hepatitis B Vaccine	\$ 4,735.00	\$ 4,187.00	\$ 1,000.00
Hepatitis A Vaccine	\$ 665.00	\$ 735.00	\$ 420.00
TDAP	\$ 765.00	\$ 6,789.50	\$ 540.00
Flu Vaccine	\$ 5,690.00	\$ 11,463.50	\$ 832.00
TB Test	\$ 1,860.00	\$ 2,140.00	\$ 2,760.00
Vaccine Other	\$ 1,632.60	\$ 2,976.57	\$ 216.00
Varicella		\$ 595.00	\$.00
MMR		\$ 5,040.00	\$ 180.00
Employee Flu		\$ 384.00	\$.00
	\$15,347.60	\$34,310.57	\$ 5,948.00

Septic Permits

Septic Permit-New	\$ 5,900.00	\$ 6,450.00	\$ 6,450.00
Septic Permit-Repair	\$ 2,300.00	\$ 2,600.00	\$ 3,075.00
Septic Registration Fee		\$ 625.00	\$ 425.00
Septic Certification Test		\$ 250.00	\$ 100.00
Septic IOWPA Certification		\$ 25.00	\$.00
	\$8,200.00	\$ 9,950.00	\$ 10,050.00

Tattoo Permits

Tattoo Parlor Permit	\$ 50.00	\$ 50.00	\$ 50.00
Tattoo Artist Permit	\$ 125.00	\$ 100.00	\$ 100.00
	\$ 175.00	\$ 150.00	\$ 150.00

Water Lab

Present/Absent Testing	\$ 7,020.00	\$ 10,480.00	\$ 11,110.00
Surface Ditchwater or Beach	\$ 720.00	\$ 380.00	\$ 940.00
Pool Samples	\$ 2,750.00	\$ 1,960.00	\$ 2,840.00
Multiple Bodies of Water	\$ 6,784.00	\$ 6,690.00	\$ 9,045.00
Seasonal Pool Permit		\$ 700.00	\$ 650.00
Annual Pool Permit		\$ 187.50	\$ 375.00
Annual Pools and Spas		\$ 700.00	\$ 700.00
	\$17,274.00	\$ 21,097.50	\$ 25,660.00

Miscellaneous Revenue

Restitution		\$ 1,339.00	\$ 1,900.00
Payment—Other***		\$ 2,160.57	\$ 10,242.60
		\$ 3,499.57	\$ 12,142.60

TOTALS

\$ 94,771.85 \$115,670.74 \$ 103,403.60

2014 User Fee Distribution to Budgets

Health Fund

Local Health Maintenance

Coroner Continuing Education Fund

\$93,580.60

\$6,565.00

\$3,258.00

2014 Vital Statistics Section

Montgomery County Births : 6

Home Births	6
Hospital Births	0
Female:	2
Male:	4

Montgomery County Deaths: 304

Female:	154
Male:	150

2014 Causes of Death

CANCER / CARCINOMA

ABDOMINAL MASS	1
ALCOHOLISM	1
ALZHEIMERS DISEASE	9
AMYOTROPHIC LATERAL SCLEROSIS	1
AORTIC ANEURYSM	3
ARTERIOSCLEROTIC HEART DISEASE	11
ATHEROSCLEROTIC HEART DISEASE	4
ATRIAL FIBRILIATION	2
BLUNT FORCE TRAUMA	3
CARBON MONOXIDE INTOXICATION	1
CARDIAC ARREST	8
CARDIAC INSUFFICIENCY	23
CARDIOPULMONARY ARREST	4
CEREBROVASCULAR ACCIDENT	5
CEREBROVASCULAR DISEASE	2
CHRONIC OBSTRUCTIVE PULMONARY	23
CIRRHOSIS OF LIVER	1
CONGESTIVE HEART FAILURE	22
CORONARY ARTERY DISEASE	7
CORONARY OCCLUSION	6
DEMENTIA	11
DIABETES MELLITUS	1
ENCEPHALOPATHY	1
ESOPHAGEAL VARICES	1
FAILURE TO THRIVE	3
GANGRENE	1
GASTROINTESTINAL HEMORRHAGE	2

BRAIN TUMOR	3
BREAST CANCER	3
COLON CANCER	7
ESOPHAGEAL CANCER	1
GALLBLADDER CANCER	1
GASTRIC CANCER	1
LIPOSARCOMA	1
LIVER CANCER	9
LUNG CANCER	16
LYMPHOMA	2
MELANOMA	1
OVARIAN CANCER	3
PANCREATIC CANCER	3
PROSTATE CANCER	3
RECTAL CANCER	1
RENAL CELL CARCINOMA	3

HYPERTENSION	3
KIDNEY FAILURE	2
LEWY BODY DISEASE	1
LIVER NECROSIS	1
METABOLIC ACIDOSIS	1
MULTIPLE SYSTEM ATROPHY	1
MYELOYDYSPLASTIC SYNDROME	1
MYOCARDIAL INFARCTION	22
NATURAL DEATH	2
ORGAN FAILURE	1
PARKINSON'S DISEASE	1
PEPTIC ULCER	1
PERFORATED BOWEL PERITONITIS	1
PHARMOLOGICAL INTOXICATION	6
PNEUMONIA	10
PULMONARY EMBOLISM	6
RENAL DISEASE	2
RENAL FAILURE	7
RESPIRATORY ARREST	1
RESPIRATORY FAILURE	5
SEIZURE	1
SELF INFLICTED GUN SHOT WOUND	3
SEPSIS	5
SUDDEN INFANT DEATH SYNDROME	1
UNDETERMINED	4

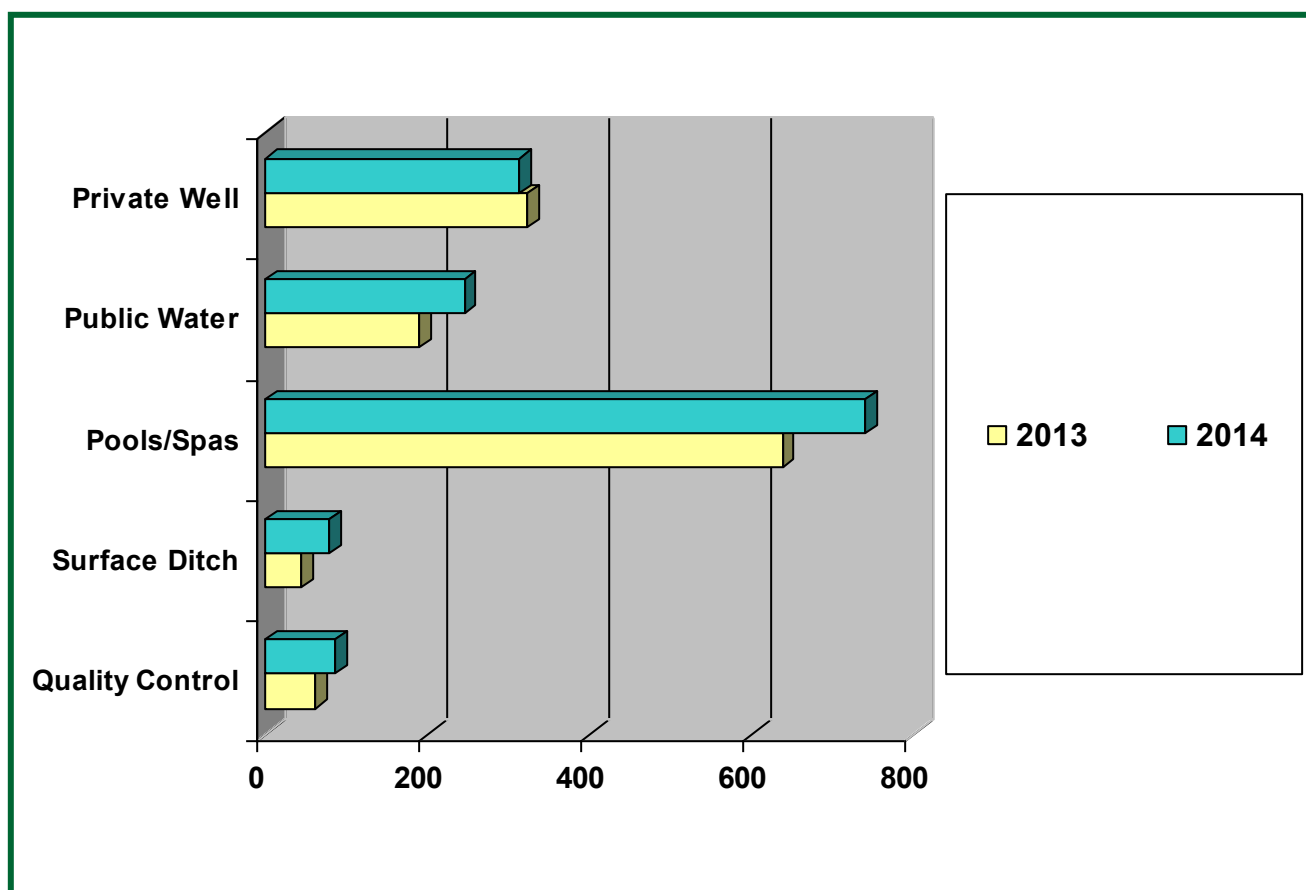
2014 WATER LAB INFORMATION

The Montgomery County Health Department provides water testing specifically for Coli Form Bacteria and E-coli. Testing services are provided for Private Wells, Public Water, Pools and Spas, Surface Ditch Water, Lakes/Bathing Beaches. We do a variety of quality control tests including Present/Absent Tests, Heterotrophic Plate Tests, and Quantitative Tests.

2013 Results		2014 Results	
Quality Control	61	Quality Control	87
Surface Ditch/ Bathing Beach	44	Surface Ditch/ Bathing Beach	80
Pools/Spas	638	Pools/Spas	740
Public Water	191	Public Water	246
Private Wells	324	Private Wells	314

The Montgomery County Health Department reviews test results that are sent to us from various other labs, including pool samples, drinking water bacteria samples, fluoride samples, and nitrate samples.

2013 VS 2014

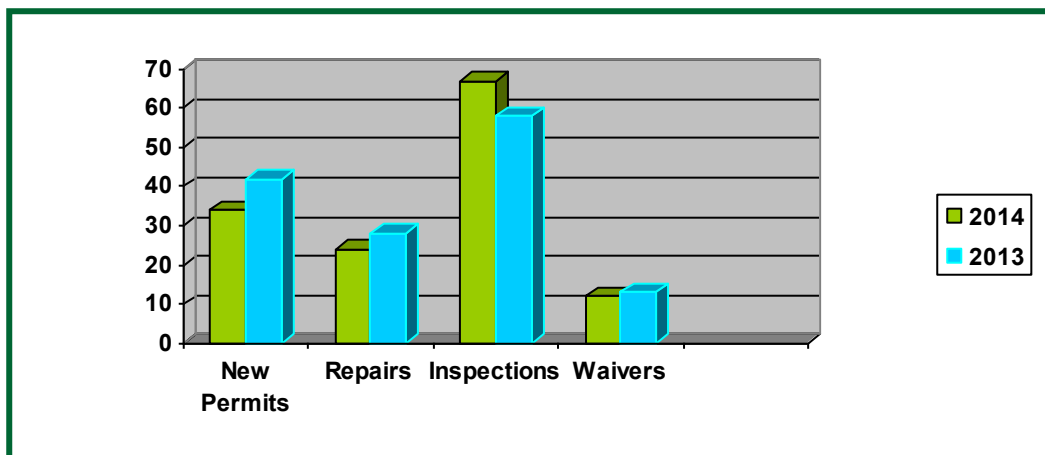


2014 Foods Report



Serve Safe Participants	31	Schools Inspected	17
New Plan Reviews	14	Fraternities	10
Opened In 2013	14	Re- Inspections	11
Closed In 2013	10	Farmers Market	43
Retail Inspections	171	Non-for-profit Permits	28
Temporary Permits	49	Total Inspections	334

2014 Septic Report



Montgomery County saw a slight decrease in new and repair permits for septic systems for 2014. Complaints related to septic systems were minimal. Waivers issued down slightly to 12. Waivers are issued to applicants who are adding on to their home and do not need to add on to a septic or are rebuilding on a lot where an approved septic already exists. This waiver is needed in order to obtain their building permit through the building department. It is important to note that 12 of the new systems were put in replacing old tank and tile systems.

In 2014 the following were issued by the Health Department * 34 New Permits * 24 Repair Permits * 12 Waivers

There were also * 67 Installation Inspections and * 75 Soil and Site evaluations performed.



2014 VECTOR CONTROL

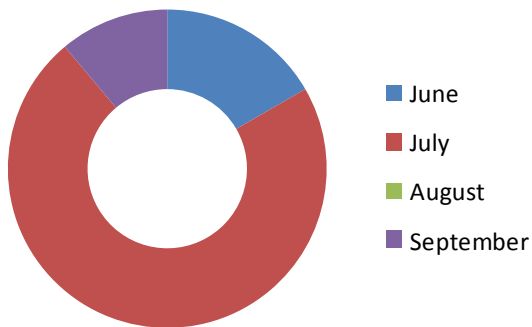
VECTOR - an insect, animal, or mammal that has the capability of transmitting disease to humans.

Below are some of the most popular vectors that are found in Montgomery County and a few examples of the diseases that they can carry:

<u>VECTOR</u>	<u>DISEASE</u>
BATS	RABIES
BIRDS	HISTOPLASMOSIS
COCKROACHES	ASTHMA/UPPER RESPIRATORY DISEASES
MOSQUITOES	WEST NILE VIRUS
RATS	HANTAVIRUS
TICKS	LYME DISEASE

During the summer of 2014, the Montgomery County Health Department was very proactive when it came to the fight against our strongest vector enemy, the mosquito. With the help of our three interns, also known as the S.W.A.T. team, we were able to put them to work by scoping out various locations throughout the county to set mosquito traps. Many of the trapping locations were chosen due to complaints from previous years. Out of the locations chosen, most were wooded and ranging from small to large bodies of stagnant water. The traps that were used were made up of a bucket filled with a brew mixture to attract the female mosquito. On top of the bucket sat a fan that was attached with a net that would sit over night to trap the mosquitoes. After the mosquitoes were caught, they would then be sorted by genus and species, counted, and then sent off to the Indiana State Department of Health to be tested for West Nile Virus. The Summer was unusual due to cooler temperatures and several rainfalls making the trapping inconsistent. Out of the 28 locations, there were a total of 2177 female mosquitoes caught. Of those mosquitoes, the most that were found were *Culex pipiens* and *Culex restuans*, the most popular mosquito species in the area. The *Culex* mosquitoes are also known as the typical house mosquito and are most likely to carry the West Nile Virus. Even though no West Nile Virus was found during 2014, the S.W.A.T. Team was still successful in finding areas throughout the county that were breeding mosquitoes and were able to spread awareness about the vectors in our county.

2014 Machine Hours



Montgomery County Mosquito Adulticide Data

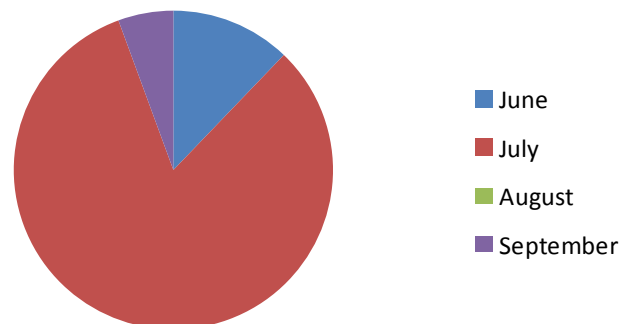
Total Machine Hours Spraying Mosquito Adulticide.

June	0.3	hours
July	1.3	hours
August	0	hours
September	0.2	hours

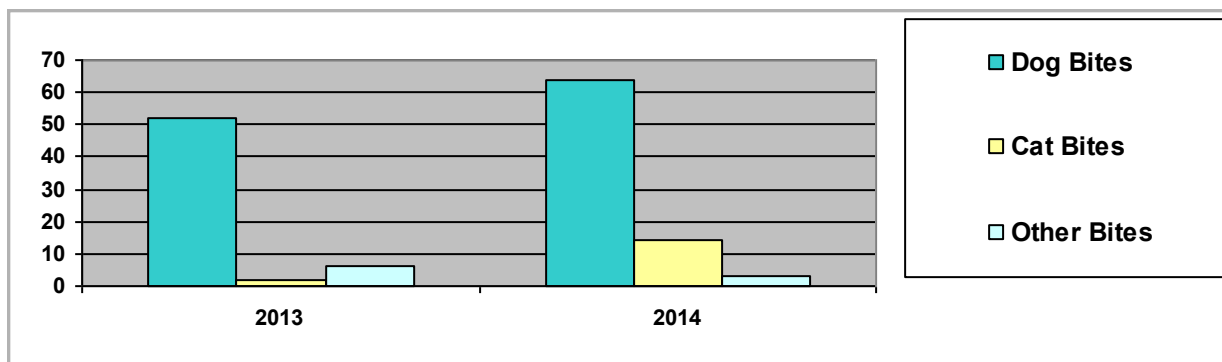
Total Area Covered in Acres While Spraying For Mosquitoes

June	63.3	Square Acres
July	427.8	Square Acres
August	0	Square Acres
September	29.1	Square Acres

2014 Area Covered in Acres



2014 BITE REPORT INFORMATION



- 64 Dog Bites Reported
- 14 Feline Bites Reported
- Other: 1 rat, 1 raccoon, 1 squirrel

2014 RABIES TESTING INFORMATION

- 1 Rat specimen was sent for testing.
- 1 Cat specimen was sent for testing.

The cat specimen submitted was declared to be negative for the Rabies Virus through the Indiana State Department Of Health's Virology-Immunology/Rabies Laboratory. The rat specimen was not tested for the Rabies Virus. ISDH does not test rats due to the low chance of them having the virus.

2014 COMPLAINT INFORMATION

The Montgomery County Health Department follows up on complaints called into our office by the community. In 2013 the Health Department looked into 60 different complaints. Depending on the location or type of complaint, some are forwarded to the Mayor's office for further investigation or done in conjunction with the Mayor's office. They include complaints related to food establishments, septic/sewage problems, housing, and mosquito, and other miscellaneous issues.

- 55 Complaints filed in 2014 of those complaints

SEPTIC	HOUSING	MOLD	FOOD	MOSQUITO	OTHER
4	42	1	3	1	4 - Public property complaints

2014 METHAMPHETAMINE LABS

23 Meth Lab seizures in Montgomery County
(27 in 2013)

Type of Lab Seizure	Seizure Location
Operation Lab 13	Residence 13
Chemical/Glassware/Equip 3	Outbuilding 1
Dumpsite Only 7	Vehicle 4
	Hotel 0
	Open—No Structure 4
	Other—Dumpster 1

Of the 13 residential seizures 7 of the properties have been remediated. There are 3 in process of remediation and 2 in litigation regarding remediation requirements. Of the Vehicle reports, 2 of the 4 involved the same vehicle and that vehicle was destroyed in December 2014. Of the two remaining one is in impound and the other in the custody of the owner.

Annual 2014 Nursing Report

1. Immunizations administered at the Health Department

Hepatitis A	12~2013~19
Hepatitis B	28~2013~117
Hep A/Hep B	1
Tdap	11~2013~14
Antipsychotics	21~2013~26
MMR	2(admin)
Influenza MCHD	173(admin)
MCV4	60 (VFC, school clinics)
Tdap	53 (VFC, school clinics)
Vaccinations provided:	Subtotal = 360

2. Seasonal Influenza Vaccinations

360 doses for the employees of 2 school systems
Community Service: Fire Dept., Police Dept., Sheriff's Dept.,
County Hwy, CEL&P, Waste Water, Dr. Rucker, Animal Shelter-
Employees, employees' families and volunteers (CNS)
Remaining Vaccine : 48 (with 30 doses donated from Dr.
Hwang's Family practice)

3. Immunizations: MCHD/CNS Clinics

Hepatitis B (peds)	17/16 previous year
Hep B/DTaP/IPV	62/60
IPV	12/10
DTaP	24/22
DTaP/IPV	40/52
Hib	58/50
Hib/IPV/DTaP	0 Pentacel
PCV 13	62/69
Rotavirus monovalent	18/22
MMR	81/86
Varicella	88/141
Hepatitis A (Peds/Adoles)	92/88
Meningococcal (MCV4)	69/142
Tdap	38/122
HPV	14/15
Influenza (6-35 mos.)	2/15
Influenza (36 mos.+)	9/27
Influenza Quadrivalent w/ pres.	25
Influenza Quadrivalent 6-35mos. Pres. Free	9
Total vaccines:	720

*211 less than 2013 (931)

*358 less than 2012 (1078)

4. Well Baby Clinic

The Well Baby Clinic provided services to the following:

Medicaid patients: 376

Uninsured patients: 349

Underinsured patients: 24

Native American patients: 3

Ineligible patients (based on visits): 8

5. In-School Immunization Clinics (required Tdap, MCV4, and Varicella 2)

Hoover Elementary 4/16/2014 (50 MCV4, 50 Tdap, 1 MMR)

Crawfordsville High School 4/23/2014 (22 MCV4, 3 Tdap, 1 Varicella)

6. Tuberculin Skin Tests : 145

Active TB cases 2 (DOT)

Latent TB cases 7 (2 DOT, 5 case manage)

7. Epidemiology Investigations on Reportable Communicable Diseases

Campylobacter	1/4 Previous Year
Salmonella	3/2
Giardiasis	1/0
Hepatitis B	2/1
Lymes disease	6/1
Listeria	1/0
Bacterial meningitis	0/0
Viral meningitis	0/0
Pertussis	3/2
Strep pneumoniae	3/4
Group A Strep	2 invasive 1/1
Group B Strep	1
STI's	60/100 (57 Chlamydia, 3 Gonorrhea)
Hepatitis C	31 Hep C investigations:
	24 Hep C confirmed
	4 Hep C probable
	2 Not Hep C
	3 Unknown

8. 2014 MCHD COMMUNITY SERVICE

- Continued MCHD state required representation on the Crawfordsville School Corporation Health Education Committee (formerly Aids Advisory.
- Montgomery County Free Clinic Board of Directors
- HUB collaborations www.montcares.org
- Flu vaccine purchase for all two Montgomery County School Corp.
- 9/10 /2013Crawfordsville School Corp employee fu clinic
- Hepatitis B vaccination clinics for the Sheriff's Dept completed
- 5/6/2014 Provided Tuberculosis Education Classes at Tuttle Junior High mock trial
- 10/17/2014 Communicable Disease Presentation for Montgomery County Probation Department.

9. Projects

- Delegation of Authority (6/2014) paperwork completed and returned to New Castle Pediatrics Clinic which gives MCHD the authority to utilize 317 fund monies to provide VFC vaccine to underinsured patients.
- Revision of Nursing Standard Operating Procedures (incomplete)
- Develop a TB Questionnaire for positive TST patients

Prepared by: Rebecca Lang, R.N., B.S.N.