

# 2013 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 2013

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

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## Health Board Members 2013

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	\$ 74,076.46
Local Health Maintenance Fund	\$ 33,139.00
Local Health Trust Account	\$ 22,230.00
*Previously referred to as Tobacco Settlement Fund	
Preparedness Grant	\$ 37,571.14
Medical Reserve Corp	\$ 18,177.32 ( State \$14,177.32 and Federal \$4,000)

## 2013 Funding Utilized from the Health Fund

Salaries	\$ 150,600.97	Other /Office Supplies	\$ 696.10
Employee Taxes and Benefits	\$ 21,830.76	Personal/ Community Health	\$ 11,569.87
Memberships & Conferences	\$ 2,252.65	Travel	\$ 381.21

## 2013 Funding Utilized from Local Health Maintenance

Salaries	\$ 26,550.00	Employee Taxes and Benefits	\$3,394.58
Personal/Community Health	\$ 6,502.40	Water Lab Supplies	\$ 7,497.81
Vector	\$ 2,226.09	Travel	\$2,240.78
Contracted Services	\$ 2,066.40	Office Supplies	\$697.85

## 2013 Funding Utilized from Local Health Trust Account

Salaries	\$ 4,174.50	Employee Taxes and Benefits	\$ 319.34
Other Supplies	\$ 2,984.38	Medical Supplies	\$ 3,667.57
Food Program	\$ 995.00		

## 2013 Funding Utilized for Preparedness

Administration Salary	\$ 14,279.29	Contracted Services	\$ 11,430.49
Office Supplies	\$ 1,390.51	Travel/Meals	\$ 425.88
Pod Supplies	\$ 2,445.03	Equipment	\$ 6799.94
Trailer Supplies/Storage System	\$ 800.00		

## 2013 Funding Utilized for Medical Reserve Corp

Office & Misc. Supplies	\$ 1,029.35	Training and Preparedness	\$ 224.80
Disaster Supplies	\$ 9,708.00	Print Services	\$ 2,546.81
Grant Administration	\$ 3,645.00	Equipment	\$ 1,126.24
Transportation	\$ 34.76	Postage	\$ 100.00

## 2013 User Fees

### Vital Records

	2011	2012	2013
Birth Certificate	\$ 10,134.00	\$ 13,335.00	\$ 11,320.00
Genealogy Forms	\$ 16.00	\$ 55.00	\$ 12.00
Paternity Affidavit	\$ 50.00	\$ 475.00	\$ .00
Death Certificate	\$ 13,545.00	\$ 18,113.00	\$ 15,440.00
Death Certificate Corrective Reissue	\$ 175.00	\$ 185.00	\$ 170.00
	<b>\$23,920.00</b>	<b>\$32,163.00</b>	<b>\$26,942.00</b>

### Food Permits

Permanent Food Establishment 1-10 Employees	\$ 5,275.25	\$ 7,388.50	\$ 6,162.00
Permanent Food Establishment More than 10 empl	\$ 3,687.50	\$ 5,406.25	\$ 4,500.00
Other Food Permit	\$ 210.00	\$ 240.00	\$ 299.00
Grocery-Up to 10,000 SQ FT	\$ 1,950.00	\$ 2,450.00	\$ 2,850.00
Grocery-10,0001-35,000 SQ FT	\$ 1,000.00	\$ 150.00	\$ 1,050.00
Grocery-35,001 and up SQ FT	\$ 525.00	\$ 525.00	\$ 350.00
Seasonal-Single Season	\$ 175.00	\$ 330.00	\$ 240.00
Seasonal-Dual Season	\$ 500.00	\$ 900.00	\$ 660.00
Seasonal-Triple Season	\$ 75.00	\$ 360.00	\$ 360.00
Temporary-3 days	\$ 552.00	\$ 625.00	\$ 520.00
Temporary-Each Additional Day	\$ .00	\$ 0.00	\$ 299.00
Food Late Fee\$	\$ 187.50	\$ 687.50	\$ 0.00
New Plan Review		\$ 2,550.00	\$ 2,100.00
	<b>\$14,137.25</b>	<b>\$21,612.25</b>	<b>\$19,390.00</b>

### Immunizations

Hepatitis B Vaccine	\$ 2,880.00	\$ 4,735.00	\$ 4,187.00
Hepatitis A Vaccine	\$ 495.00	\$ 665.00	\$ 735.00
TDAP	\$ 485.00	\$ 765.00	\$ 6,789.50
Flu Vaccine	\$ 7,105.00	\$ 5,690.00	\$ 11,463.50
TB Test	\$ 2,581.00	\$ 1,860.00	\$ 2,140.00
Vaccine Other	\$ 1,227.90	\$ 1,632.60	\$ 2,976.57
Varicella			\$ 595.00
MMR			\$ 5,040.00
Employee Flu			\$ 384.00
	<b>\$14,773.90</b>	<b>\$15,347.60</b>	<b>\$ 34,310.57</b>

### Septic Permits

Septic Permit-New	\$ 3,125.00	\$ 5,900.00	\$ 6,450.00
Septic Permit-Repair	\$ 2,175.00	\$ 2,300.00	\$ 2,600.00
Septic Registration Fee			\$ 625.00
Septic Certification Test			\$ 250.00
Septic IOWPA Certification			\$ 25.00
	<b>\$5,300.00</b>	<b>\$8,200.00</b>	<b>\$ 9,950.00</b>

### Tattoo Permits

Tattoo Parlor Permit	\$ 100.00	\$ 50.00	\$ 50.00
Tattoo Artist Permit	\$ 125.00	\$ 125.00	\$ 100.00
	<b>\$ 225.00</b>	<b>\$ 175.00</b>	<b>\$ 150.00</b>

### Water Lab

Present/Absent Testing	\$ 4,034.00	\$ 7,020.00	\$ 10,480.00
Surface Ditchwater or Beach	\$ 315.00	\$ 720.00	\$ 380.00
Pool Samples	\$ 2,580.00	\$ 2,750.00	\$ 1,960.00
Multiple Bodies of Water	\$ 4,537.00	\$ 6,784.00	\$ 6,690.00
Seasonal Pool Permit			\$ 700.00
Annual Pool Permit			\$ 187.50
Annual Pools and Spas			\$ 700.00
	<b>\$11,466.00</b>	<b>\$17,274.00</b>	<b>\$ 21,097.50</b>

### Miscellaneous Revenue

Restitution			\$ 1,339.00
Payment—Other***			\$ 2,160.57
			<b>\$ 3,499.57</b>

### TOTALS

**\$ 69,822.15                      \$ 94,771.85                      \$ 115,670.74**

### 2013 User Fee Distribution to Budgets

Health Fund

Local Health Maintenance

Coroner Continuing Education Fund

**\$93,149.63**

**\$19,666.51**

**\$2,854.00**

## 2013 Vital Statistics Section

### Montgomery County Births : 6

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

AORTIC STENOSIS	1
ALZHEIMERS DISEASE	2
ARRHYTHMOGENIC RIGHT VENTRICULAR DYSPLASIA	1
AMYOTROPHIC LATERAL SCLEROSIS	1
ATHEROSCLEROTIC HEART DISEASE	9
ASPHYXIATION	1
ASPIRATION PNEUMONITIS	4
BLUNT FORCE TRAUMA	5
CACHEXIA	2
CARDIAC ARREST	17
CARDIAC ARRHYTHMIA	5
CARDIAC INSUFFICIENCY	28
CARDIOMYOPATHY	4
CARDIOPULMONARY ARREST	10
CEREBRAL INFARCTION	1
CEREBROVASCULAR ACCIDENT	10
CHRONIC OBSTRUCTIVE PULMONARY DISEASE	11
CONGENITAL CARDIA MALFORMATION	1
CONGESTIVE HEART FAILURE	23
CORONARY ARTERY DISEASE	5
CORONARY OCCLUSION	8
DIABETES MELLITUS	1
DEMENTIA	1
DROWNING	1
DYSPHAGIA	1
EPILEPSY	2
FAILURE TO THRIVE	2

### Montgomery County Deaths: 291

Female:	138
Male:	153

### 2013 Causes of Death

#### CANCER / CARCINOMA

BREAST CANCER	4
BRONCHOGENIC CARCINOMA	1
COLON CANCER	2
GASTRIC CANCER	1
ESOPHAGEAL CANCER	3
LYMPHOMA	2
MELANOMA	1
MULTIPLE MYELOMA	1
LUNG CANCER	16
MYELOID LEUKEMIA	2
NEUROENDOCRINE CARCINOMA	1
PROSTATE CANCER	1
OSTEOGENIC SARCOMA LEFT FEMUR	1
PANCREATIC CANCER	6
PULMONARY CANCER	1
PULMONARY CARCINOMA	1
RENAL CELL CARCINOMA	1

GASTROINTESTINAL HEMORRHAGE	3
GLIOBLASTOMA	2
HYPERTENSION	3
LEUKEMIA	1
LIVER FAILURE	3
MASSIVE HYDROCEPHALUS	1
MYELOFIBROSIS	1
MYOCARDIAL INFARCTION	17
NATURAL DEATH	1
OBSTRUCTIVE JAUNDICE	1
OLD AGE	1
PNEUMONIA	5
PHARMACOLOGIC INTOXICATION	6
PARKINSONS DISEASE	2
RENAL DISEASE	3
RENAL FAILURE	12
RESPIRATORY ARREST	5
RESPIRATORY FAILURE	7
SELF INFLICTED GUN SHOT TO HEAD	2
SEPSIS	6
SJOGRENS SYNDROME	1
SMOKE INHALATION	1
SUBDURAL BLEED	1
UNDETERMINED	1
VENTRICULAR FIBRILLATION	1
WEAKNESS/ANOREXIA	1
WEIGHT LOSS	1

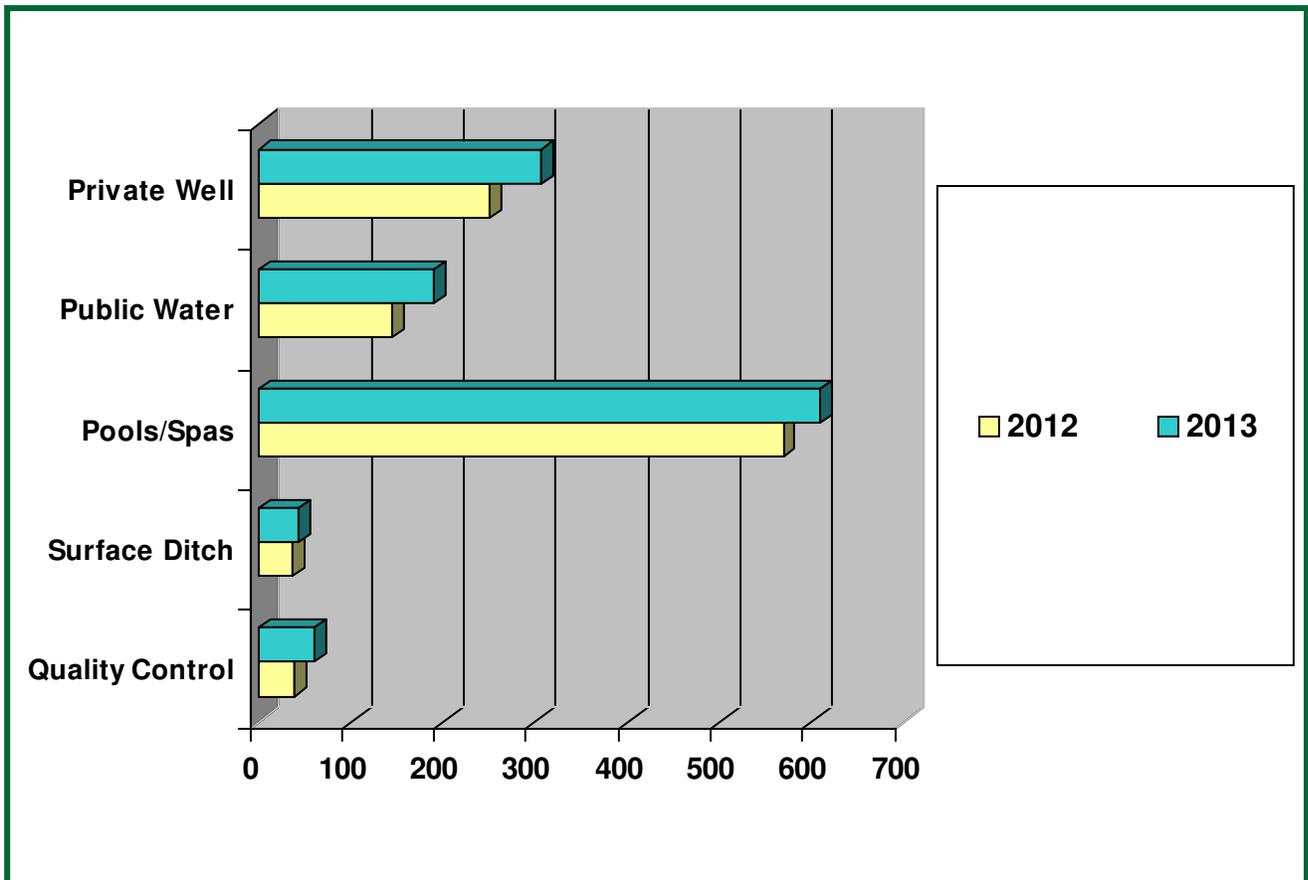
## 2013 WATER LAB INFORMATION

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.

2012 Results		2013 Results	
Quality Control	39	Quality Control	61
Surface Ditch/ Bathing Beach	37	Surface Ditch/ Bathing Beach	44
Pools/Spas	569	Pools/Spas	638
Public Water	145	Public Water	191
Private Wells	251	Private Wells	324

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.

2012 VS 2013

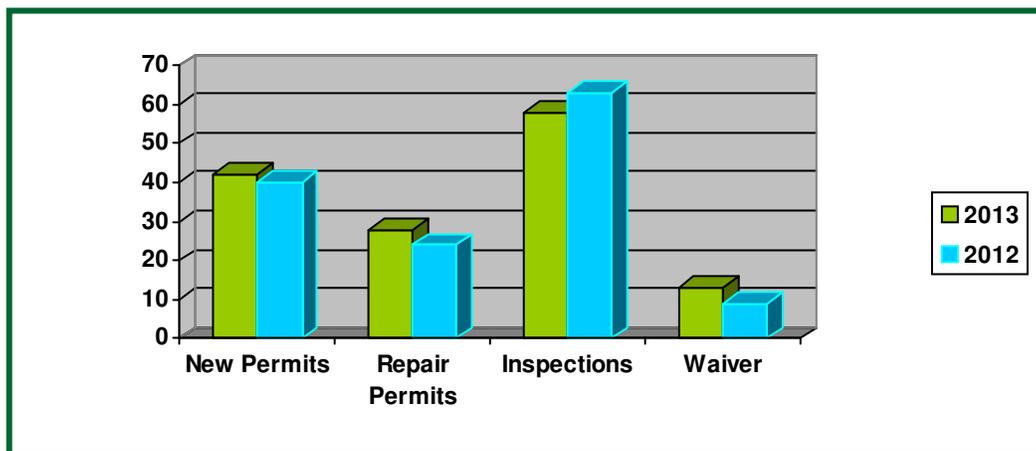


## 2013 Foods Report



Serve Safe Participants	22	Schools Inspected	17
New Plan Reviews	9	Fraternities	10
Opened In 2013	9	Re- Inspections	11
Closed In 2013	11	Farmers Market	33
Retail Permits	158	Temporary Permits	57
Temporary Inspections	34	Total Inspections	290

## 2013 Septic Report



Montgomery County saw a slight increase in new and repair permits for septic systems for 2013. Complaints related to septic systems were minimal. Waivers issued up slightly to 13. 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 13 of the new systems were put in replacing old tank and tile systems.

In 2013 the following were issued by the Health Department \* 42 New Permits \* 28 Repair Permits \* 9 Waivers

There were also \* 58 Installation Inspections and \* 89 Soil and Site evaluations performed.



## 2013 VECTOR CONTROL

1. What is considered a VECTOR?  
A vector is an insect, animal, or mammal that has the capability of transmitting disease to humans.
2. What are a few of the VECTOR that are found in Montgomery County and what diseases do they transmit or aggravate?

<b>VECTOR</b>	<b>DISEASE</b>
Cockroaches	Asthma and upper respiratory diseases
Bats	Rabies
Rats	Hantavirus
Birds	Histoplasmosis
Mosquito	West Nile Virus, St. Louis Encephalitis LaCrosse Encephalitis, Eastern Equine Encephalitis Western Equine Encephalitis

It is so important that Montgomery County Health Department be pro-active and not re-active in the fight against our strongest VECTOR enemy, the mosquito. There are approximately 50 to 55 species of mosquitoes found in the State of Indiana. Ten of these species transmit the above 5 diseases listed above. And several of these 10 species have been found in Montgomery County. We are fighting this battle through surveillance, larvaciding and adult-ciding our communities. This year there were no instances of West Nile Virus reported.

### Montgomery County Mosquito Adulticide Data

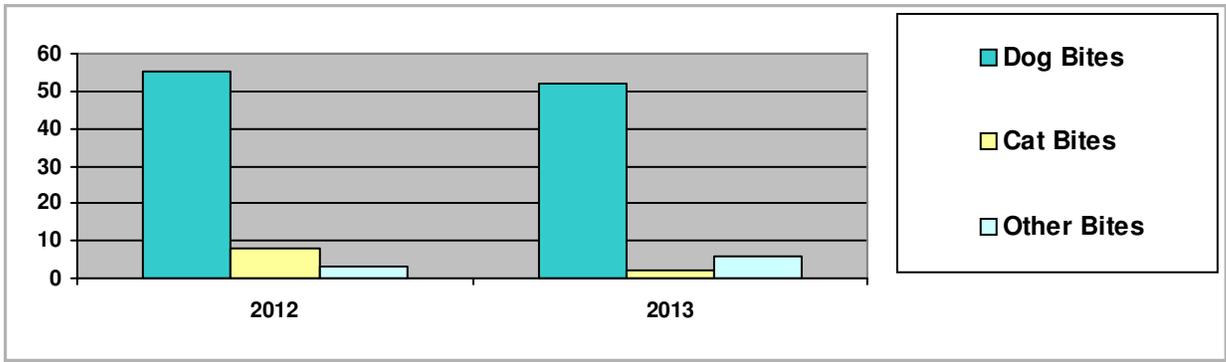
#### Total Machine Hours Spraying Mosquito Adulticide.

June	7.2	hours
July	3.3	hours
August	7.8	hours
September	0	hours

#### Total Area Covered in Acres While Spraying For Mosquitoes

June	2671	Square Acres
July	1324	Square Acres
August	2861	Square Acres
September	0	Square Acres

**2013 BITE REPORT INFORMATION**



- 52 Dog Bites Reported
- 2 Feline Bites Reported
- Other: 5 Bats and 1 raccoon

**2013 RABIES TESTING INFORMATION**

- 2 Dog specimen were sent for testing.
- 2 Cat specimens were sent for testing.
- Other: 3 Bat specimens were sent for testing.

All of the specimens submitted were declared to be negative for the Rabies Virus through the Indiana State Department Of Health’s Virology-Immunology/Rabies Laboratory.

**2013 COMPLAINT INFORMATION**

The Montgomery County Health Department follows up on complaints called into our office by the community. In 2012 the Health Department looked into 66 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.

- 60 Complaints filed in 2013 of those complaints

SEPTIC	HOUSING	MOLD	FOOD	MOSQUITO	NON HEALTH	OTHER
2	39	1	2	1	9	6

**2013 METHAMPHETAMINE LABS**

27 Meth Lab seizures in Montgomery County

Type of Lab Seizure	Seizure Location
Operation Lab 15	Residence 5
Chemical/Glassware/Equip 9	Outbuilding 6
Dumpsite Only 3	Vehicle 3
	Hotel 1
	Open—No Structure 13
	Other—Storage Facility 1

Of the 27 seizures only 5 required remediation. At the time of this report 3 of those 5 have been cleared by a certified decontamination company. The 2 remaining are still considered uninhabitable until the remediation is complete. Vehicle seizures are becoming more common as the one-pot method has become more popular.

# Annual 2013 Nursing Report

## 1. Immunizations administered at the Health Department

Hepatitis A	19~2012~21
Hepatitis B	117~2012~ 212
Hep A/Hep B	1
Tdap	14~2012~194
Antipsychotics	26~2012~26
MMR	7(admin)
Varicella	5(admin)
Influenza MCHD	190(admin)

Vaccinations provided: Subtotal = 378

## 2. Seasonal Influenza Vaccinations

610 doses for the employees of 3 school systems  
Community Service (9 agencies) Police Dept., Sheriff's Dept.,  
County Hwy, CEL&P, Waste Water, Dr. Rucker, Animal Shelter-  
Employees, employees' families and volunteers (CNS)  
Remaining Vaccine : 20

## 3. Immunizations: MCHD/CNS Clinics

Hepatitis B (peds)	16/37 previous year
Hep B/DTaP/IPV	60/66
IPV	10/11
DTaP	22/16
DTaP/IPV	52/66
Hib	50/71
Hib/IPV/DTaP	0 Pentacel
PCV 7	0/0
PCV 13	69/118
Rotavirus monovalent	22/35
MMR	86/129
Varicella	141/180
Hepatitis A (Peds/Adoles)	88/81
Meningococcal (MCV4)	142/118
Tdap	122/101
Td	1/1
HPV	15/22
Influenza (6-35 mos.)	15/32
Influenza (36 mos.+)	27/38
Total vaccines:	931

## 4. Well Baby Clinic

The Well Baby Clinic closed the months of June and July to move to the new Ludwig Clinic on August 6, 2013. That is the reason that the total vaccines given in 2013 is 147 less than 2012.

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

Hoover Elementary 4/23/2013  
Crawfordsville High School 5/13/2013  
Crawfordsville School Corp Flu Clinic 9/10/2013

## 6. Immunization Projects

**CELP (Hep B)**

**Sheriff's Dept and Police Dept (Hep B)**

## 7. Epidemiology Investigations on Reportable Communicable Diseases

Campylobacter	4/1 Previous Year
Salmonella	2/0
E-Coli (Shiga toxin producing)	2/0
Hep A	1/0
Hepatitis B	1/0
Hepatitis C	45/43
Histoplasmosis	1/1
Lymes disease	1/5
Legionellosis	0/0
Bacterial meningitis	0/0
Viral meningitis	0/0
Pertussis	2/3
Strep pneumoniae	4/4
STI's	100/83 (89 Chlamydia, 9 Gonorrhea and 2 Syphilis) ISDH STATS: 96

Chlamydia 14 Gonorrhea <5 Syphilis = 112 Highest infected age range under 19 years of age, then 20-24 years of age.

## 8. Tuberculosis (Mid America Lab)

Latent tuberculosis	10/2 (managing 4 cases)
Mantoux tuberculin skin tests	56/136 (7 TST's gratis due to active TB case)

## 9. 2013 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](http://www.montcares.org)
- Flu vaccine purchase for all three Montgomery County School Corp.
- 9/10/2013 Crawfordsville School Corp employee flu clinic
- Hepatitis B vaccination clinics for the Sheriff's Dept (series to be completed 2014)
- Hepatitis B vaccinations for the Police Department (Series to be completed 2014)
- 5/6/2013 Provided Tuberculosis Education Classes at Tuttle Junior High mock trial
- 6/18/2013 Kiwanis presentation on County Health Rankings
- 10/17/2013 Communicable Disease Presentation for Montgomery County Probation Department.
- 4/9-26/2013 Supervised Clinical Nursing Experience for University of South Indiana nursing program.

## 10. Projects

- Delegation of Authority (6/2013) 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)