

# VIGO COUNTY HEALTH DEPARTMENT



2012

## ANNUAL REPORT

THE VIGO COUNTY HEALTH DEPARTMENT SERVES TO  
PROMOTE, PROTECT AND PROVIDE FOR THE WELL BEING OF  
THE CITIZENS IN VIGO COUNTY

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Health Department Family

## **GREETINGS FROM THE VIGO COUNTY HEALTH COMMISSIONER**

Public Health has taken an extraordinary journey over the course of several years. A discipline rooted in sanitary science and social reform has shifted its focus to a variety of fields, professional areas and concerns. Today, medical care and quality of care issues are as central to the mission of public health practitioners as are traditional issues as vaccination, infectious disease control, global health, and the everyday issues of disease surveillance and food inspection as well as prevention and ameliorating the effects of deadly diseases such as cancer, neurological and cardiovascular illnesses.

The Vigo County Health Department continues to pursue its avowed mission to “promote, protect and preserve” the health and well being of the citizens within its jurisdiction. The Health Department employees have functioned exceptionally well as a “family”, and demonstrated willingness to support each other in times of challenge on or off duty.

Primarily, our health department continues to engage in preventing health problems ...keeping public places and restaurants clean, immunizations, vaccinations, mosquito control, monitoring of sewage disposals, reducing air pollution, lead prevention programs, educating the public on the benefits of exercise, healthy drinks and diet, control of communicable diseases such as Tuberculosis, AIDS, sexually transmitted diseases , monitoring piercing and tattoo parlors , and restricting the use of trans fats in restaurants as a future plan. Secondly, efforts are being made in partnership with various institutions and organizations to detect health problems early before they cause more serious health consequences, such as Hypertension, Cholesterol, diabetes, obesity, and address them accordingly. Tertiary prevention consists of efforts to maximize the health and quality of life of people who already have disabilities and other health problems by advising them on the benefits of caregiver supports, nursing homes, assisted living, and other special care services.

The different divisions of the department have delivered their services exceptionally well as demonstrated by their annual reports. I encourage the public to read those reports and be familiar with the services they offer.

As we gear up for the challenges of 2013, I am confident the Vigo County Health Department is ready to meet those challenges.

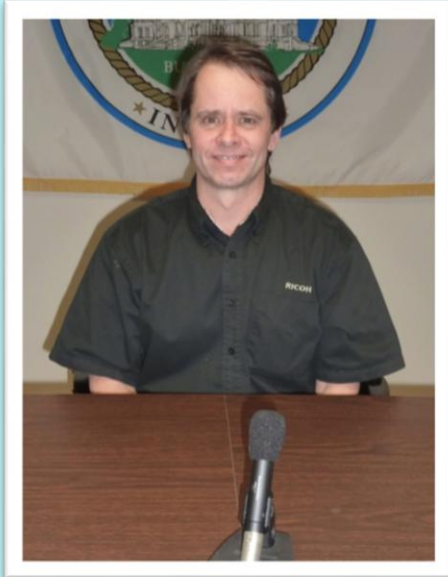
Enrico I. Garcia, MD  
Vigo County Health Commissioner

**Enrico Garcia, MD, Health Commissioner, Vigo County**  
Licensed in Indiana

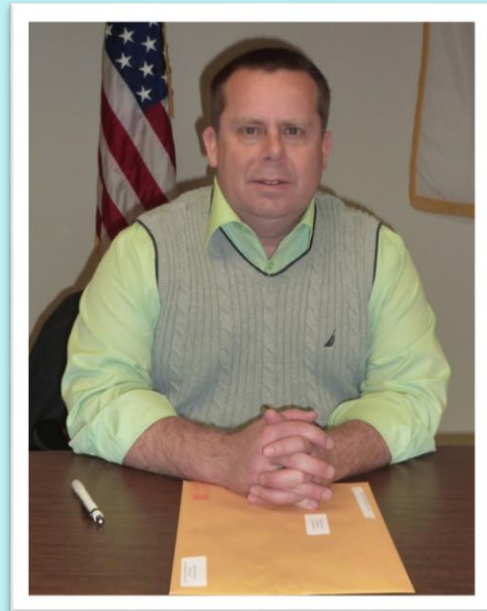
General Surgery and Gastrointestinal Endoscopy  
Chief of Surgery, Terre Haute Regional Hospital, Indiana  
President, Society of Philippine Surgeons in America  
Past President and present Board Member, Indiana Philippine  
Medical Association, Board Certified, American Board of Abdominal Surgery Member, Executive  
Committee, Terre Haute Regional Hospital Medical Staff Member, American Society for Gastrointestinal  
Endoscopy Board Member, Indiana Association of Public Health Physicians Member, American Public  
Health Association

## 2012 VIGO COUNTY BOARD OF HEALTH

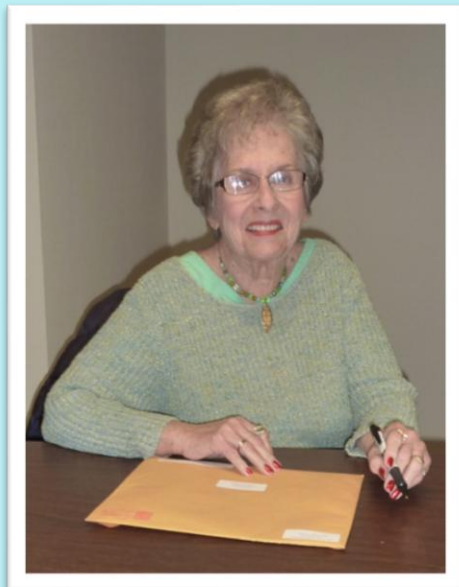
The Vigo County Board of Health is composed of seven (7) members, no more than four (4) of whom may be from the same political party (IC 16-20-2-4). County commissioners appoint the Board members. Indiana Code establishes specific selection criteria for board membership (IC 16-20-2-5). The Board hires the Health Commissioner and serves in advisory, governance, and policy-making roles to the health department. The Board holds quarterly meetings, which are open to the public.



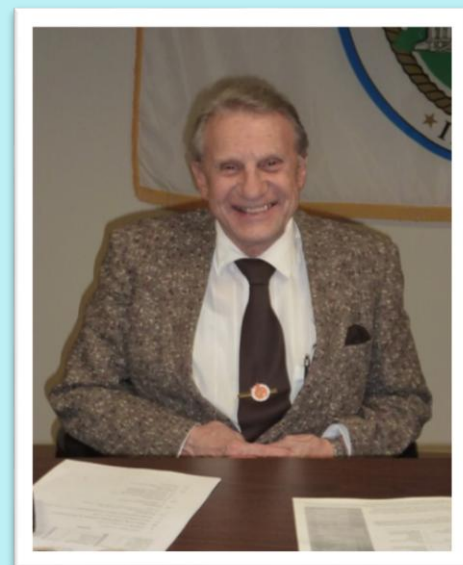
**Jeff De Passe, Board President**



**Edward Barksdale, D.O.**



**Dora Abel**



**Robert Burkle, M.D.**

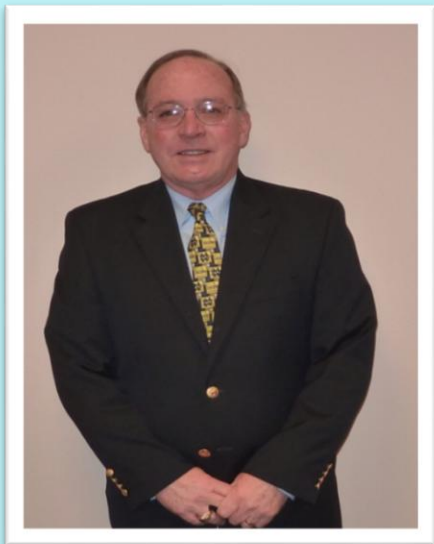
# VIGO COUNTY BOARD OF HEALTH



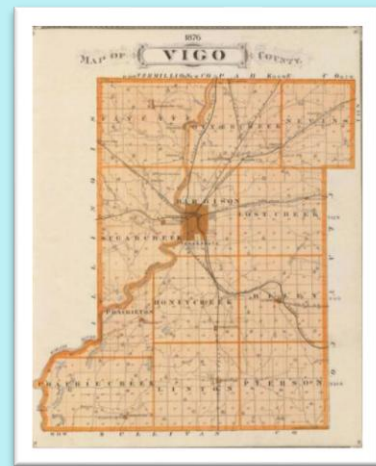
**Irving Haber, D.O.**



**Darrin Brucken, M.D.**



**Michael Eldred**



## **PUBLIC HEALTH IN AMERICA FRAMEWORK**

The Vigo County Health Department uses as its guide, the “Essential Public Health Services” document (below) adopted by the National Public Health Functions Steering Committee in 1994, to implement the core functions of public health that were identified in the 1988 Institute of Medicine Report, “The Future of Public Health.”

### **PUBLIC HEALTH IN AMERICA**

**Vision:** *Healthy People in Healthy Communities*

**Mission:** *Promote physical and mental health and prevent disease, injury and disability*

#### **Public Health Goals**

- Prevents epidemics and the spread of disease
- Protects against environmental hazards
- Prevents injuries
- Responds to disasters and assists communities in recovery
- Assures the quality and accessibility of health services

#### **Essential Public Health Services**

- Monitor health status to identify community health problems
- Diagnose and investigate health problems and health hazards in the community
- Inform, educate and empower people about health issues
- Mobilize community partnerships to identify and solve health problems
- Develop policies and plans that support individual and community health efforts
- Enforce laws and regulations that protect health and ensure safety
- Link people to needed personal health services and assure the provision of health care when otherwise unavailable
- Assure a competent public health and personal health care workforce
- Evaluate effectiveness, accessibility and quality of personal and population-based health services
- Research for new insights and innovative solutions to health problems

Programs and services are developed, implemented, evaluated and revised (if needed) to enable carrying out the essential public health services and meet the public health goals.



# VIGO COUNTY HEALTH DEPARTMENT EMPLOYEES

## **Administration**

Enrico I. Garcia, MD, Health Commissioner  
Joni Wise, Administrator  
Travella J. Myers, Deputy Administrator  
Rhonda Coombs, Bookkeeper  
Vicky Barish, Purchasing Clerk

## **Environmental Health Division**

Travella Myers, Supervisor  
Theresa Jackson, Food Specialist  
Amanda Bales, Food Specialist  
Mark McClintock, Wastewater Specialist  
Marci DeBoy, Lead Specialist  
Steve Thompson, Wastewater Specialist

## **Health Education/Media Coordination**

Sydney Elliott

## **Vector Control Division**

Michael Grayless, Supervisor  
Tony Grayless, Assistant Supervisor  
Warren Sweitzer, Assistant  
David Higgins, Assistant  
Joey Higgins, Assistant  
Kim Edwards, Secretary

## **Vital Statistics Division**

Terri Manning, Supervisor  
Connie Malooley, Assistant Supervisor  
Karen McVey, Registrar  
Loretta Little, Registrar

## **Nursing Division**

Catherine Brown, MD, Pediatrician  
Jane Keyes, RN, Staff Nurse  
Kristin Wright, RN, Staff Nurse  
Christina Barbour, RN, Staff Nurse  
Dolly Moss, Secretary  
Teresa Bechtel, Immunization Registry Clerk

## FINANCIAL REPORT FOR 2012

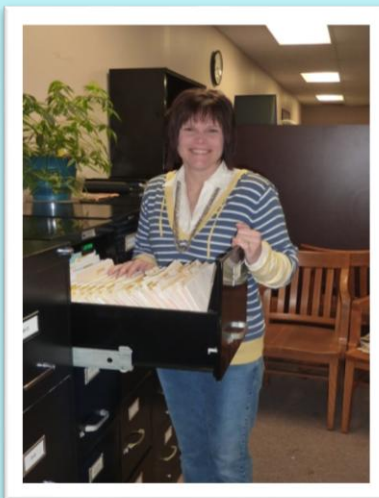
Cash Balance Health - January 1, 2011	\$1,007,480.76
Balance in Health Fund - December 31, 2011	\$ 1,039,855.44

### EXPENSES

Personnel Services	\$1,101,942.32
Supplies	\$ 116,815.29
Other Services	\$ 93,547.61
Capital Outlays	\$ 1,896.48
<u>Un-Appropriated Funds</u>	<u>\$ 120.00</u>
<b>Total Disbursements: \$1,314,321.70</b>	

### RECEIPTS

Fees Collected	\$ 225,501.52
Tax Advancements & Settlements	\$1,002,073.27
Financial Institutional Tax	\$ 8,490.22
State Grants	\$ 117,398.30
Commercial Vehicle Excise/Health Tax	\$ 5,192.56
Miscellaneous Revenue	\$ 175.00
<u>Auto, Aircraft, Excise Tax</u>	<u>\$ 85,370.98</u>
<b>Total Receipts: \$1,443,048.13</b>	



**Rhonda Coombs, Bookkeeper**

### COLLECTION JANUARY 1, 2012 THROUGH DECEMBER 21, 2012

Vital Statistics	\$ 150,925.75
Environmental Health	\$ 60,565.00
Immunizations	\$ 13,845.72
Other	\$ 285.05
Coroner's Education Fund	\$ 15,104.26
Donation Fund – Travel, Pneumonia, Flu, Lead	\$ 35,807.85



## **ADMINISTRATION**

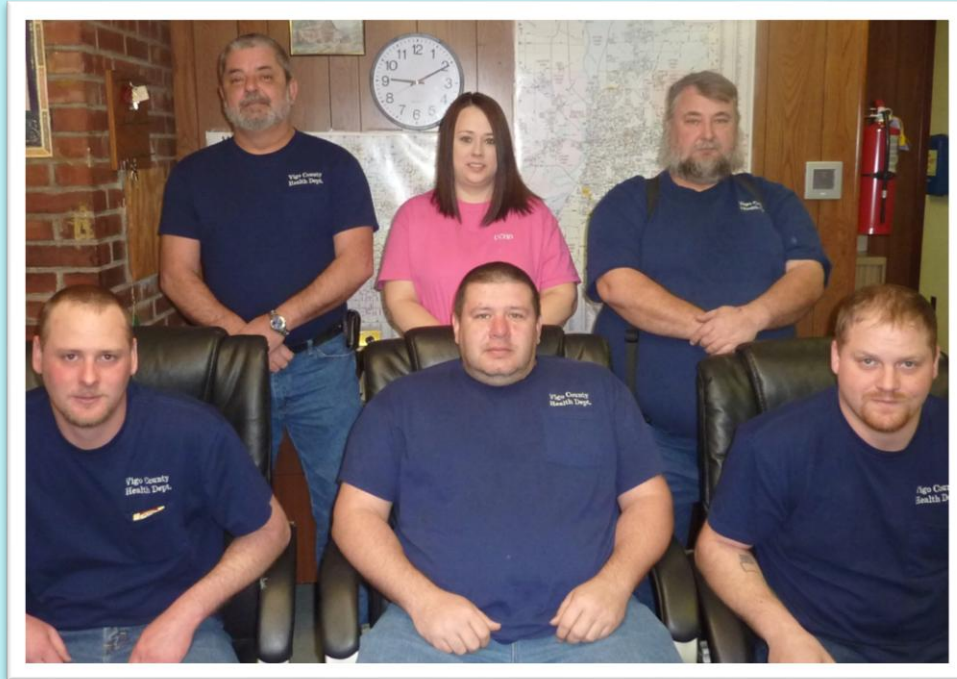


**Sydney Elliott, Health Educator, Enrico I. Garcia, MD, Health Commissioner  
& Joni Wise, Administrator**



**Rhonda Coombs, Bookkeeping and  
Vicky Barish, Purchasing**

## VECTOR CONTROL DIVISION



**Front row from left: David Higgins, Warren Sweitzer and Joey**  
**Back row from left: Mike Grayless, Kim Edwards and Tony Grayless**

The primary goal of the Vector Control Division is to reduce the risk of disease and death from pathogens carried by animals and/or vectors. The Vector Control Division also repairs and maintains all Health Department vehicles and spraying equipment.

A “vector” is an agent capable of transmitting a pathogen from one organism to another. (I.e. mosquito, rodent). The Vector Control Division devotes its time primarily to:

1. Vector control
2. West Nile surveillance
3. Dead animal removal
4. Fleet maintenance and repairs



## MOSQUITO CONTROL

The spraying for adult mosquitoes in Vigo County was as diligent as the weather would allow in 2012. Due to the drought conditions of 2012 aduictiding did not start until August 20<sup>th</sup>. The aduictiding program consists of five ½ ton pickup trucks and two ATVs (equipped with ultra-low volume cold aerosol fog machines) to spray insecticides throughout the county, as well as the city of Terre Haute, for the control of adult mosquitoes. The ATV mounted ULV makes most sites accessible. All seven ultra low volume-fogging machines must be certified for droplet size and calibrated for flow rate prior to each spraying season. Calibration is monitored daily throughout the spraying season. Adult mosquito control is accomplished using five insecticides, Mosquitomist 1.5 and Bio-Mist 4+12, Aqua Anvil, Pyrfos and Kontrol 4X4.



Mr. Chris Novak of Clarke Mosquito Control checking droplet size.



Vector Control Specialist Tony Grayless treating an area on ATV

All ULV units are fitted with GPS compatible “Smart Flow” systems. This enables Vector Control staff to preset and record calibration, time of spraying, flow rate and vehicle speed.

Vector Control staff prepares and updates 26 maps that are 40-45 miles of County and city roads. The 26 maps show the areas to treat and also areas that we do not treat, which we consider no spray zones. Some of the areas that are considered no spray zones might be areas with organic gardens, beekeepers, large bodies of water or persons who have requested no spraying be done in the area they live, either for health or personal reasons. The 26 maps are treated weekly, biweekly or monthly depending on adult mosquito population and weather conditions.

Vector Control employees spend an extended amount of time treating stagnant water for mosquito larvae. Several brands of insecticide targeting several species are employed to kill the

larvae. One type of insecticide (Golden bear) can last for seven days in stagnant low area water, covering the surface of the water denying the mosquito larvae access to air. All “catch basins” or dry wells are treated with Altosid briquettes, Natular briquettes, and Bactimas briquettes which lasts 30 or 150 days. Altosid Briquettes inhibit the growth of the larvae preventing them from becoming adults. Catch basins have been identified as one of many ideal habitats for the Vector (*Culex pipiens*), a mosquito, notoriously known for the transmission of West Nile. *Culex* mosquito larvae love the stagnant dirty water left behind from rain that doesn't soak into the ground but runs off into catch basins, retention ponds, and ditches.



In 2012, approximately 1300 catch basins were treated. That number will continue to increase due to community growth. Parking lots and subdivisions will install retention ponds and or catch basins to contain water run-off. Catch basins and larvaciding sites are mapped out using the County’s GIS system. Larvae samples are examined for identification of species to insure proper insecticide treatment. In 2012 an additional 230 larvaciding sites were treated with Skeeter Abate. Skeeter Abate is ingested by the larvae causing them to expire.

The following table contains a list of the amount and types of insecticide used in Vigo County to control adult mosquitoes and larvae in 2012.

	<b>INSECTICIDE</b>	<b>AMOUNT USED</b>
55 Gallon Drum	Biomist 4 + 12	Fourteen Drums
55 Gallon Drum	Pyrofos	TwoDrums
220 Per Case	Altosid Briquettes (150 Day)	Seven Cases
400 Per Case	Altosid Briquettes (30 Day)	1 Case
100 Per Case	Bactimas Briquettes	25 Cases
220 Per Case	Natular	2 cases
Sold per Pound	Skeeter Abate 5%	1 case

## WEST NILE VIRUS SURVEILLANCE

We use two different types of light traps. One type of light trap (CDC –CO2-Baited trap) uses dry ice or an attractant called “octonol” which simulates the exhaled respiratory gases of birds or mammals. The other is a gravid trap that uses alfalfa pellets mixed with water. The fermentation of these pellets releases an odor, similar to a livestock barn, and creates dirty, stagnant water that attracts gravid culex mosquitoes.

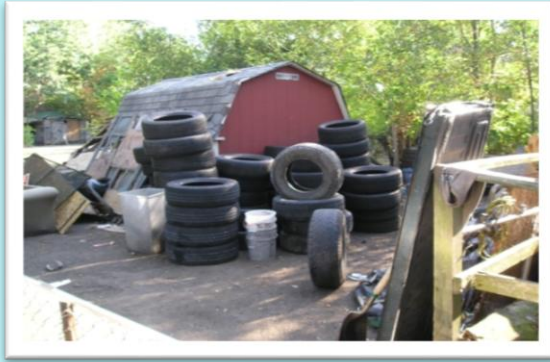
Light traps were set out at numerous locations throughout Vigo County with 4519 mosquitoes being collected between June and October 2012. Once the mosquitoes are collected they are separated into groups ranging in number from 5 to 100 and are then labeled as pools of mosquitoes, which are sent to the Indiana State Department of Health for West Nile testing. A total of 129 pools were sent in for testing in 2012. The Indiana State Department of Health reported 25 positive pools for Vigo County. Vector control specialists will continue to set, maintain and collect mosquito pools for ISDH West Nile Virus testing in the upcoming year.



**Vector Control Clerk Kim Edwards identifies & Separates mosquitoes before shipping to ISDH**



**Vector Control Specialist Warren Sweitzer doing site modification.**



**SITES THAT WERE CLEANED UP IN 2012 IN VIGO COUNTY**

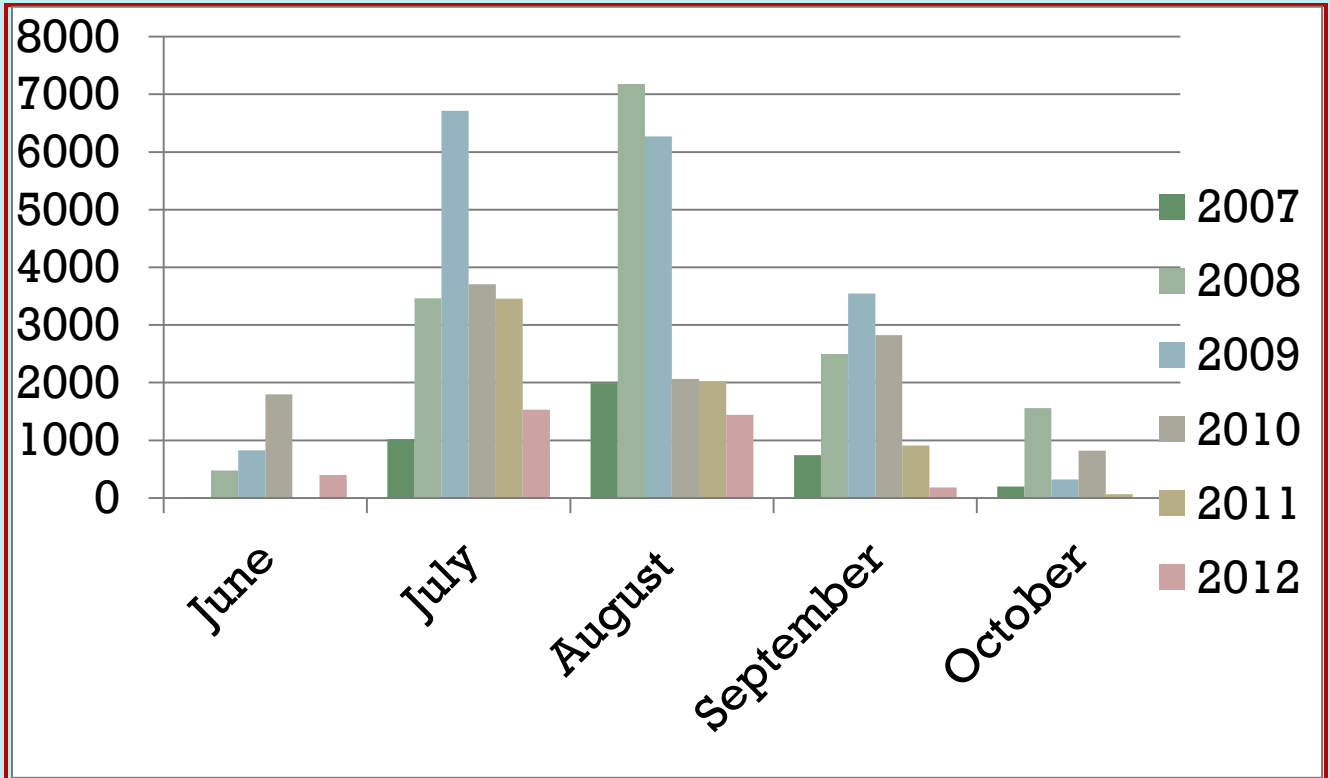
### **MOSQUITO BORNE DISEASE PREVENTION ACTIVITIES INCLUDED:**

- Distributed 5400 “Skeeter Beater” coloring books to pre-school through 3<sup>rd</sup> grade elementary students on preventing and identifying prime breeding areas for mosquitoes.
- Distributed “Skeeter Beater” coloring books to Saint Patrick’s School and CASY (Community Alliance & Services for Young Children, Inc.).
- Worked with Home Owners (high grass, weeds, swimming pools, fishponds, standing water).
- Sent out Notice to Abate letters to all Vigo County cemetery caretakers.
- Worked with Terre Haute Street Department to remove standing water from alleys.
- Participated in National Night Out and distributed “Skeeter Beater” coloring books.
- Participated in Clean up Terre Haute program in May and October 2012.
- Continued to monitor home owners, tire retailers and salvage yards to ensure compliance with the Tire Storage Ordinance.

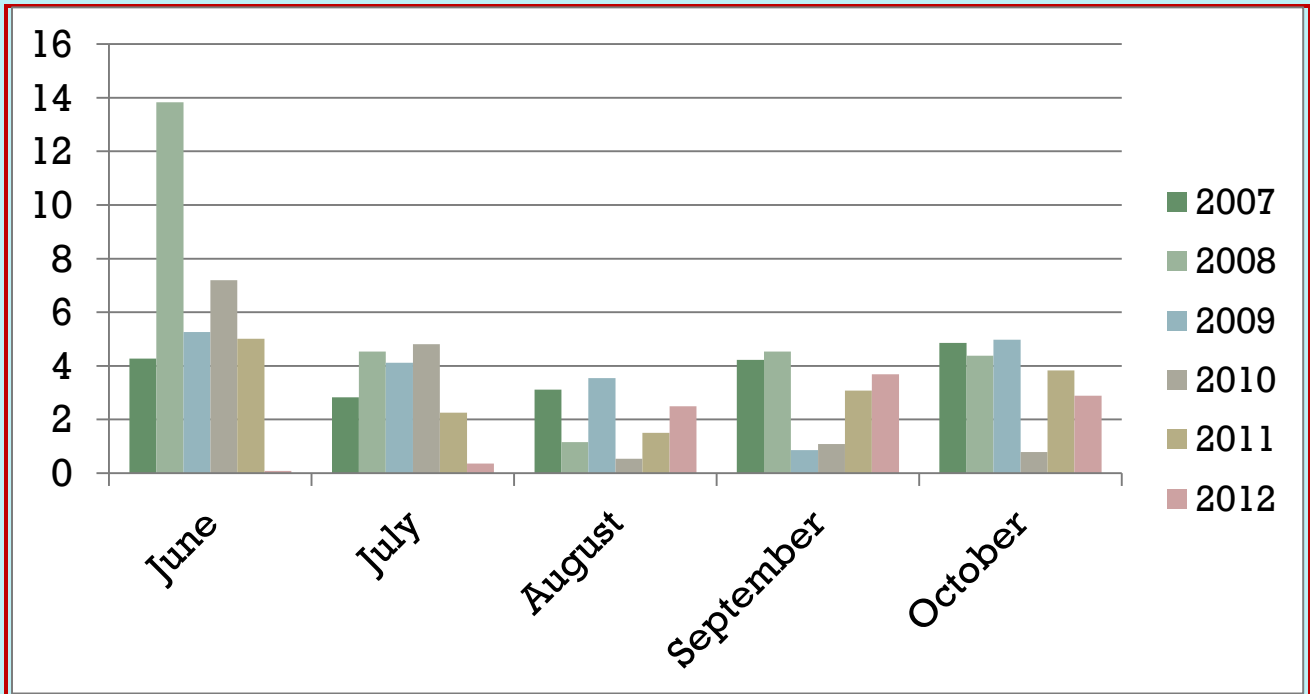
### **2013 MOSQUITO & LARVAE CONTROL STRATEGIES**

- Intensify local culex and aedes mosquito larval control to prevent the emergence of adult mosquitoes that feed on birds and contribute to the virus amplification transmission cycle.
- Continue active West Nile surveillance to determine the presence of new or expanding West Nile transmission. (Light traps-Adult mosquito testing)
- Reinforce public education and outreach programs to reduce mosquito- breeding sites around homes.
- Educate on personal protective measures (long sleeves, insect repellent) with the use of the media (TV, radio and newspapers)
- Implement local mosquito control to reduce the number of virus infected mosquitoes, thus reducing the immediate risk to humans.
- Monitor adult and larval mosquito control efforts to ensure that the local programs are effectively reducing mosquito densities and virus infection rates.
- Conduct inspections of local tire retailers and junkyards for tire storage ordinance compliance.

## MOSQUITOES COLLECTED



## PRECIPITATION AMOUNTS



## REMOVAL OF DECEASED ANIMALS

In 2012 a total of 1,065 deceased animals were taken to the county landfill. 913 were removed from private properties as well as city and county roadways. An additional 152 were removed from the Terre Haute Humane Shelter.

## RODENTS & RABIES PREVENTION

Rodents (i.e. rats, mice) are another source of disease transmission. While Vigo County does not have a major rodent problem, there are areas that contain a large number of rodents. Rodents must have adequate food, shelter, and water in order to survive. For these reasons, a large majority of rodent complaints are located within the city of Terre Haute. A vector control specialist investigates complaints about rodents and proceeds to make recommendations to the property owner on findings and rodent control (i.e. removal of debris, animal feces). In some cases, the vector control specialist may set out bait and remove dead rodents, but the majority of the extermination is usually the responsibility of the property owner. A vector control specialist will continue to make follow up inspections to insure the property owner is correctly handling the problem. Five rodent complaints were investigated in 2012.

In 2012 Vector Control staff sent in 11 bats and two cats to ISDH for rabies testing. One bat was unable to be tested due to the condition of the bat all other results came back negative for rabies virus. Night surveillance was performed by Vector Control staff at five homes in Terre Haute to assist the homeowners in bat proofing their homes.



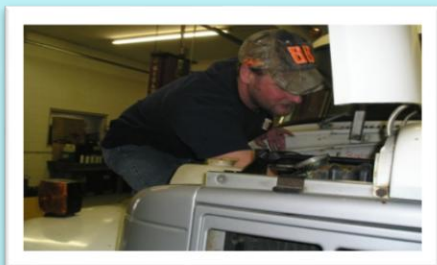
Little brown bat being removed from residence.



Tony Grayless removing a Norway Rat

## VEHICLE MAINTENANCE

During the winter months the Vector Control Division is busy with repairing, cleaning and inspection of all vehicles and equipment. All ULV spray units must be cleaned and broken down during the winter months, checked, repaired and parts replaced as needed. Along with routine maintenance, all trucks and cars are thoroughly inspected and repaired. All Health Department vehicles and equipment have routine maintenance throughout the year.



David Higgins doing maintenance on a truck



Joey Higgins working on equipment

## TIRE AMNESTY

The Vigo County Health Department held a “Tire Amnesty Day” on Saturday, June 2, 2012. The project goal was to collect discarded tires from the citizens of Vigo County and have them transported to a recycling center, thereby eliminating potential mosquito breeding sites.

Event flyers were delivered to local schools, automotive parts stores, local restaurants and other establishments. Local media promoted the event and the amount of tires collected was considered to be a huge success. Four semi-trailers loaded full of tires were removed from Vigo County and taken to a Registered Indiana waste tire processing facility. The project was funded by the local health department trust fund and staffed with volunteers from the City of Terre Haute government including, Mayor Duke Bennett, City Code Enforcement & City Park Department, Vigo County Commissioners, students from IU School of Medicine, local citizens and the Vigo County Health Department employees, and their families and members of the Board of Health.

Prior to Tire Amnesty Day, Health Department employees spent the months of April and May removing discarded tires from the alleys and streets of Terre Haute and surrounding communities. A total of 3,900 tires filling three, 53’ semi-trailers were collected. Residents that had tires stored outside were given information on our Tire Storage Ordinance along with a flyer for Tire Amnesty Day. Between Tire Amnesty Day and alley clean-up we filled seven, 53’ semi-trailers.



Health Department Bookkeeper Rhonda Coombs



Intern Samar Alshenawi and nursing division staff  
Chrissy Barbour, Kristin Wright and Jane Keyes



Dr. Jim Turner and Mayor Duke Bennett with  
IU School of Medicine, Terre Haute students



Terre Haute City Parks employee, Hal Orndorff  
helps load tires again for another Tire Amnesty Day



## TIRE AMNESTY DAY 2012



**Environmentalists Theresa Jackson and Purchasing Clerk Vicky Barish with a load of tires gathered from Vigo County roadsides and alleys**



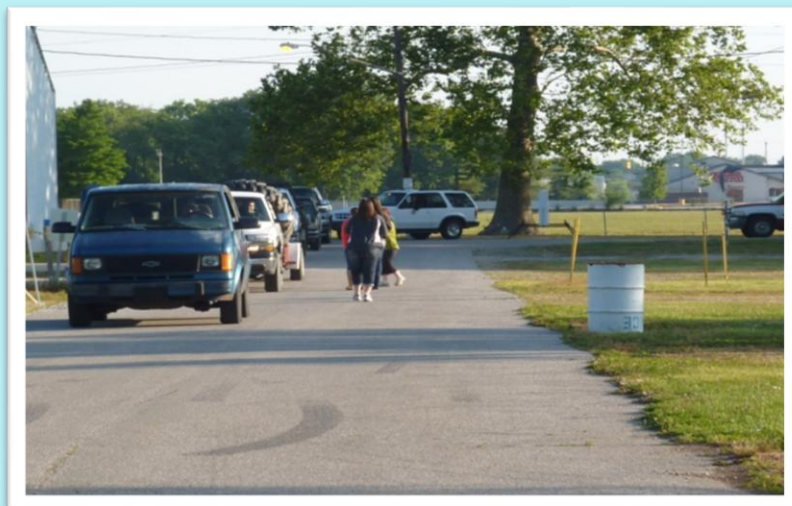
**Environmentalists Mandy Bales and Marci DeBoy with one of their many loads of tires**



**Vicky Barish making a "find" in an alley**

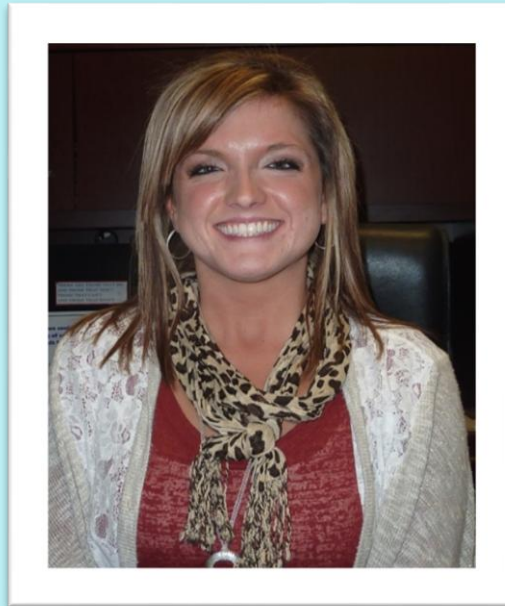


**Everyone is ready for the start of Tire Amnesty Day 2012**



**Cars and trucks are lined-up at the Vigo County Fairgrounds**

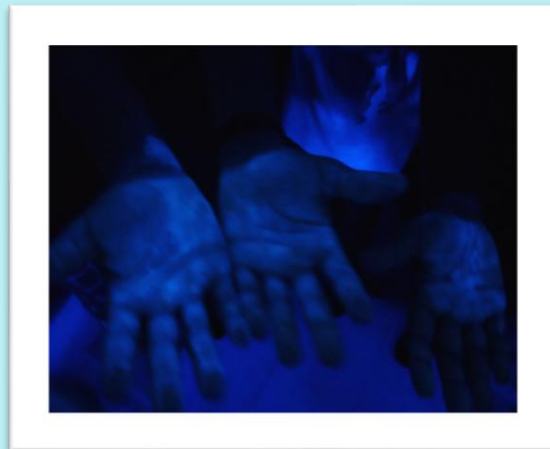
## HEALTH EDUCATION/MEDIA COORDINATION



**Health Educator/Media Coordinator Sydney Elliott**

The purpose of Health Education/Media Coordination is to reduce the number of preventable deaths in Vigo County by educating the community on public health issues. The goal for 2012 was to raise awareness regarding health risk factors and decrease the morbidity rate from preventable disease. Health education is a process that involves informing the public about achieving and maintaining quality health, instilling quality health habits, and providing the community with the necessary tools to make educated decisions regarding their own lifestyle and health. Health Education/Media Coordination utilizes the following outlets:

- Presentations
- Health Fairs
- Media Partnerships
- Community Involvement



## **PRESENTATIONS IN 2012**

Presentations offer a comprehensive look at today's public health issues that are of concern. Some presentations are many faceted, such as an overview of the Health Department and its role in public health; others can be an in-depth look into the issues surrounding HIV/AIDS in our community. This involvement offers the public the opportunity to learn about their health and well-being, and ask questions. The Vigo County Health Department assists with many organizations, which include but are not limited to, the Lead Poisoning Prevention Coalition, Hamilton Center, Vigo County Head Start, and the Vigo County School Corporation.

The following is a list of programs & presentations conducted by the Health Department:

- County-wide Employee CPR Program
- Tobacco Prevention for West Vigo Middle School
- Handwashing and Food Safety at West Vigo Middle School
- HIV/AIDS Education at West Vigo Middle School
- Handwashing Lesson at Memorial Preschool
- Handwashing Lesson at Vigo County YMCA
- Handwashing at Camp Rave (CHANCES for IN Youth)
- National Night Out 2012
- Lead Poisoning Awareness
- Stress Management at Hamilton Center
- Handwashing at Hamilton Center
- Tobacco Cessation at Hamilton Center
- Health Department Overview
- Vaccinations for the Elderly, Sycamore Manor
- Flu Prevention at Hamilton Center
- Tobacco Prevention at Terre Haute North High School
- Food Safety Presentation
- Nutrition/ChooseMyPlate at Indiana State University

## **COMMUNITY INVOLVEMENT IN 2012**

- Vigo County School Corporation
- American Red Cross
- Indiana State University
- Indiana University School of Medicine—Terre Haute
- District 7 Bio-Terrorism Taskforce
- Indiana Association of Public Health
- Vigo County Head Start
- Indiana Blood Center of the Wabash Valley
- Regional Hospital
- Union Hospital
- Planned Parenthood of Indiana
- Hamilton Center
- Wabash Valley Health Center
- Minority Health Coalition of Vigo County
- WIC of Vigo County
- Indiana State Department of Health

## HEALTH FAIRS IN 2012

The Vigo County Health Department works to promote, protect, and provide for the health and well-being of the citizens of Vigo County, by engaging with the community and getting involved. Health fairs allow health department employees the opportunity to meet with the public and discuss their specific concerns. The Vigo County Health Department participated in the following health fairs:

- Hamilton Center Employee Health Fair
- Terre Haute Community Health Fair
- Senior Education Ministries Health Fair
- Rose Hulman Health Fair
- Ivy Tech Community College Health Fair
- Wellness Bash at Indiana State University
- Community “Boo Bash” at WIC
- Regional Hospital Health Fair
- Minority Health Coalition Health Fair
- COPD Wellness Fair
- Bemis Company, Employee Health Fair



**Sydney Elliott at a local health fair**

## MEDIA PARTNERSHIPS

Working with the media is an extremely important component of Health Education. In order to ensure the residents of Vigo County receive the most accurate and up to date health information, the Vigo County Health Department has developed an excellent relationship with the media. The Health Educator/Media Coordinator works diligently with media outlets to compose important health messages in order to promote, provide, and protect the citizens of Vigo County and the surrounding areas. The following health topics were covered in the media:

- Influenza
- Annual Health Reports
- Tire Amnesty Program
- Children's Immunizations
- Ticks
- West Nile Virus
- Flu Shot Clinics
- National Public Health Week
- Smoking Prevention/ Ordinance
- Smoking ban
- Maple Center (CHIP Program)
- "My Vax Indiana" Program
- Illegal Tattoos
- Minimizing Food Waste
- Chicken pox
- Cigarette butts in the environment
- Vigo County Employee Public Health Fair
- Warm winter leads to bug filled summer



**National Night Out at Fairbanks Park**

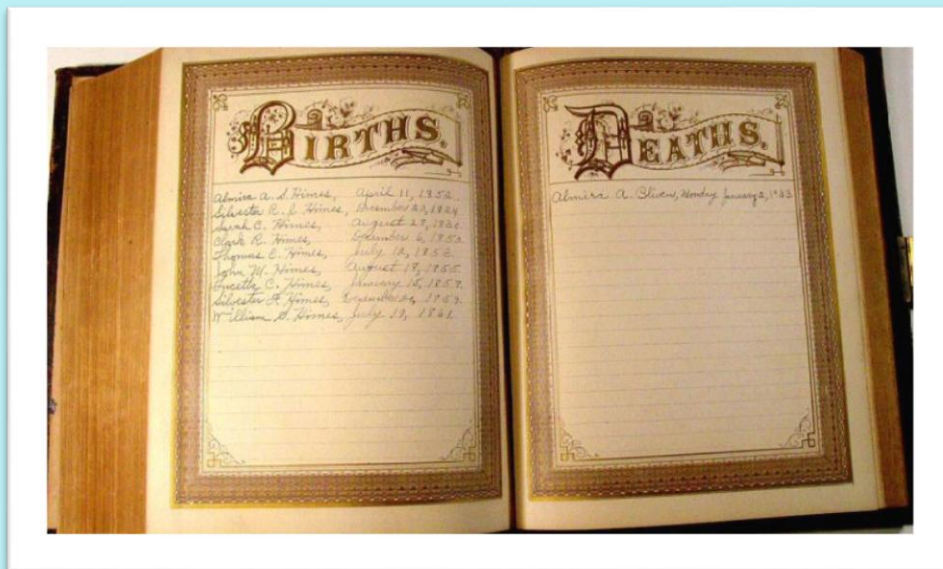
## VITAL STATISTICS DIVISION



Left to right: Loretta Little, Connie Malooley, Karen McVey and Terri Manning

### THE VITAL RECORDS DIVISION'S OBJECTIVE IS TWO-FOLD:

- Carry out uniform procedures
- Maintain and protect the integrity of the Vital Records Systems



**THE DIVISION HAS THE RESPONSIBILITY TO:**

- ❖ Maintain a system that accurately records all births, deaths and fetal deaths
- ❖ Efficiently issue certified copies of records
- ❖ Issue provisional notification of death-burial transit permits
- ❖ Process paternities when they come to us from the courts
- ❖ Type and process paternities when people schedule appointments to come in to our office
- ❖ Process adoptions
- ❖ Type affidavits of amendment and schedule appointments for people to make corrections to their birth record
- ❖ Work with funeral homes in filing death certificates
- ❖ Verify birth records for the Military, Social Security and Division of Family and Children
- ❖ Assist citizens who wish to inspect permanent birth and death records (adoption records are NOT available to view.)
- ❖ Assist customers in doing genealogy

**BIRTHS REPORTED**

In-Wedlock	1,151
Out-of-Wedlock	<u>1,149</u>
Total Births	2,300

**STILLBIRTHS**

26

**DEATHS REPORTED**

1,376

**CORRECTIONS PROCESSED:**

Affidavit of Amendments	57
Adoption	24
Paternity Affidavit	<u>256</u>
Total Corrections	337

**BIRTH CERTIFICATES ISSUED**

8,001

**DEATH CERTIFICATES ISSUED**

8,964

**CERTIFICATES ISSUED FREE**

458

**SEARCHES**

41

**GENERAL HEALTH FUND**

\$150,925.75

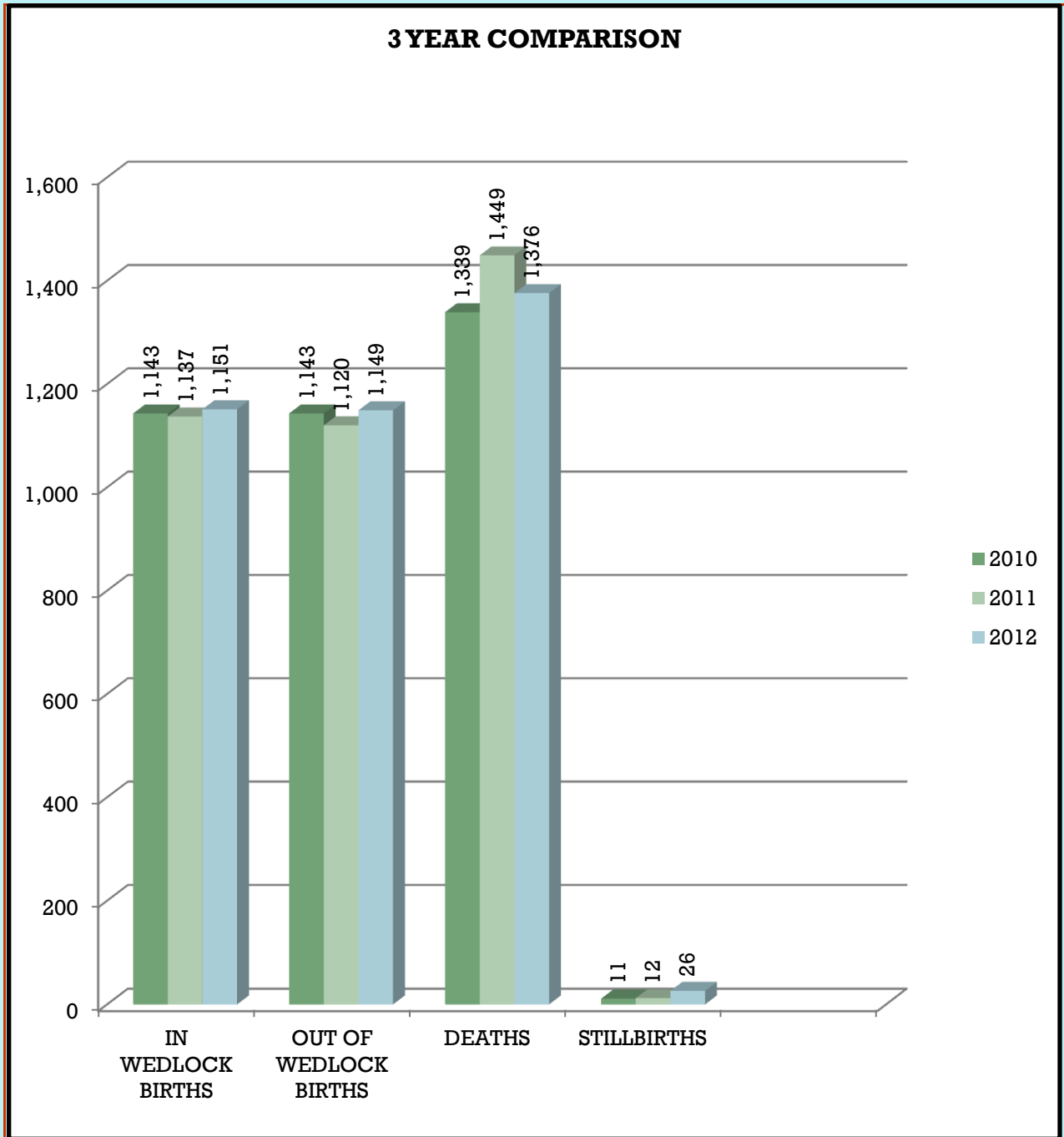
**CORONER'S TRAINING AND EDUCATION FUND**

\$ 15,104.25

**TOTAL CASH RECEIVED**

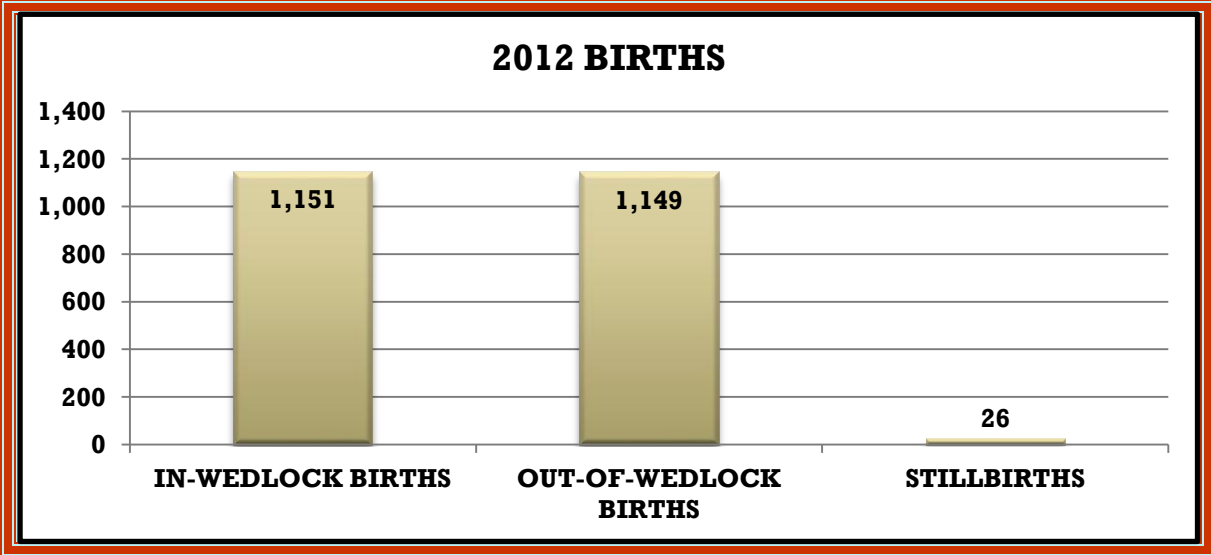
**\$166,030.00**

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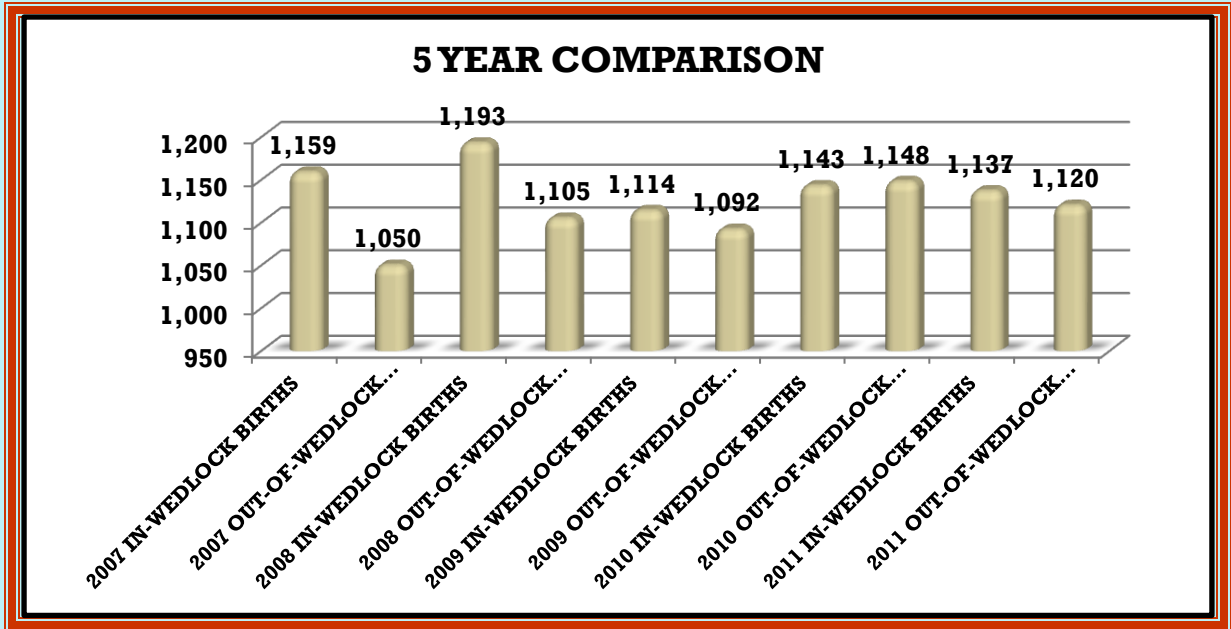


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## NATALITY IN A NUT SHELL



## NURSING DIVISION



Left to right front row: Christina Barbour RN, Jane Keyes RN, and Kristin Wright RN  
Left to right back row: Teresa Bechtel and Dolly Moss

The Vigo County Health Department Clinic is located at 696 South 1st Street, at the Southwest corner of the Vigo County Annex Building. In 2012, three full-time Registered Nurses, a full-time Secretary and a full-time Immunization Registry Clerk provided staffing for the Clinic. In addition, a Pediatrician, Dr. Catherine Brown, staffed our weekly Well Child Clinics. The Health Department Clinic provided services to both children and adults for a nominal fee or free of charge. In 2012, there were 4137 client visits to the Clinic.

### WELL CHILD PROGRAM/SPORTS PHYSICALS/KINDERGARTEN PHYSICALS/VACCINE FOR CHILDREN PROGRAM

The Well Child Program serves children from birth through 18 years of age. In 2012, the VCHD Clinic re-instated our weekly Well Child Clinics, in which Dr. Brown provided well child physicals for a nominal fee. The VCHD and Dr. Brown also began offering sports physicals, kindergarten physicals and Head Start physicals for a nominal fee. The clinic is also a provider enrolled in the Vaccines for Children program and provided childhood immunizations to those who qualified. In 2012, 1454 childhood vaccines were administered.



Jane Keyes RN giving a childhood immunization



Kristin Wright RN giving flu vaccine to county employee

## **EPIDEMIOLOGY AND COMMUNICABLE DISEASE**

Indiana Code 16-41-2-1 requires local health departments to investigate and report communicable diseases listed in the Indiana State Department of Health Communicable Disease Reporting Rule. Once the investigations are completed, they are entered into the computerized data base known as the Indiana National Electronic Disease Surveillance System (I-NEDSS). VCHD Clinic nurses investigated and reported **456** confirmed communicable disease cases in 2012. Chronic Hepatitis C continued to be the most prevalent communicable disease investigated by the VCHD in 2012.

### **FOREIGN TRAVEL/ADULT VACCINE PROGRAM/ADULT WELL PHYSICALS**

The Foreign Travel/Adult Vaccine Program provides international travelers with protection from vaccine-preventable diseases while traveling outside the United States. Vaccines provided in 2012 were Hepatitis A, Hepatitis B, Tdap and Yellow Fever. The VCHD Clinic is a designated licensed Yellow Fever vaccine provider for Indiana and Illinois. In 2012, **415** foreign travel/adult vaccines were administered. In 2012, the VCHD started the Adult Stay Well Program and Dr. Brown provided adult physicals for college students, daycare employees, and foster care parents for a nominal fee.

### **TUBERCULOSIS CASE MANAGEMENT AND TESTING**

Tuberculosis control and case management by Local Health Departments is a mandated task under the Indiana Code 410 IAC 1-2.3-106. This includes investigating positive skin tests, collecting sputum samples for evaluation by the ISDH lab, providing medications for both active and latent TB cases, home visits for medication administration, evaluation and testing of contacts of the infected patient, communication with the patient's physician and patient education. In 2012, **less than 5** active TB cases, **less than 5** suspect, and **less than 15** latent TB cases were managed by the VCHD Clinic. In addition, the VCHD Clinic provided TB skin testing on a walk-in basis on Mondays and Fridays for the community for a nominal charge. **1814** TB skin tests were administered in 2012.

### **EMPLOYEE HEALTH**

Each year the Health Clinic provides Flu vaccines at no charge to Vigo County employees and for a nominal fee for their family members. In 2012, Clinic nurses administered **200** flu vaccines to County employees.

### **EDUCATION**

The public health nurses attended numerous training courses throughout the year, including TB certification through ISDH, CPR re-certification, and in September attended the Latent TB Continuing Education offered at Union Hospital and the TB Regional Meeting in Brown County, Indiana in October. In December, 2012 The Vigo County Health Department Clinic served as the host for "Immunization A to Z" training, which brought approximately **50** individuals from various local medical offices and Health Departments here for education on immunization administration and management. In addition, the VCHD public health nurses presented information to local medical offices and Health Departments on reportable communicable diseases and conditions during an INEDSS training held by the ISDH.

## COMMUNITY INVOLVEMENT

In March and November of 2012, the VCHD nurses administered free flu shots to residents of the Light House Mission. In November the VCHD administered free flu shots at St Ann's Clinic and then also donated 200 doses of flu vaccine to St Ann's Clinic. In October the VCHD nurses attended the COPD Health Fair at Union Hospital and the Booker T Washington Health Fair in November, flu vaccines were administered at both. In May 2012, the Vigo County Health Department Clinic was in charge of **TB testing over 750 students and staff** of Woodrow Wilson Middle School, in regards to a possible active TB exposure. In November 2012, Dr. Garcia declared Vigo County in outbreak status due to increasing cases of varicella in the Vigo County Schools and community. The VCHD nurses held immunization clinics at three separate outbreak schools. After outbreak status was declared, on November 9<sup>th</sup> and 10<sup>th</sup>, 2012 the VCHD, along with the Vigo County School Corporation and ISDH held a mass varicella vaccination clinic for all eligible children in the community, school children and staff. In 2012, there were **over 100 cases of chicken pox** disease investigated by the VCHD.



Jane Keyes RN and Chrissy Barbour RN at varicella immunization clinic

## LEAD SCREENING

Childhood Lead Poisoning continues to be a public health concern in Vigo County. In 2012 approximately **200** children were screened for lead poisoning at the health clinic. We held many outreach clinics throughout the county such as Head Start, Early Head Start, WIC and the National Night Out. Childhood Lead Poisoning Case management was followed on **20** open cases out of **1000** tested. Case management entails a home visit and a complete environmental risk management assessment. Lead poisoning prevention is the educational tool most vital in protecting children against lead poisoning and its harmful effects.



Kristin Wright RN performing a lead test on a child



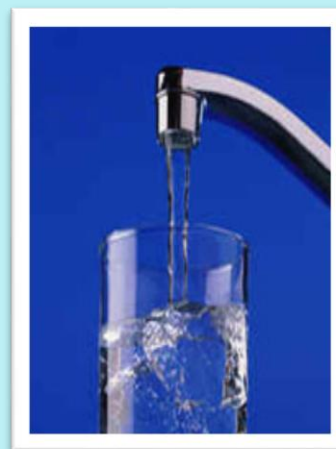
Jane Keyes RN and ISU nursing student at a WIC lead screening

## ENVIRONMENTAL HEALTH DIVISION



**Left to Right, seated: Marci DeBoy, Travella Myers and Amanda Bales  
Left to right, standing: Steve Thompson, Theresa Jackson and Mark McClintock**

The Environmental Health Division is focused on the prevention of injury and disease by controlling the links between humans and their environment. Our programs seek to minimize or eliminate risk factors in the human environment that may threaten life and overall health.



## FOOD SAFETY PROGRAM



The Food Safety Program involves the planning of new and remodeled retail food establishments, planning of fairs and festivals in Vigo County, and the licensing and inspecting of all retail food establishments within Vigo County. We work closely with the state department of health on any food recalls and food borne illnesses.

### **In 2012 the Food Safety Program**

#### **Licensed:**

- 534 retail food establishments
- 59 temporary food stands
- 31 mobile units
- 14 farmers market stands

#### **Conducted:**

- 911 routine inspections
- 40 follow-up inspections
- 13 plan reviews
- 19 pre-opening inspections
- 26 opening inspections
- 15 food complaints

## BODY ART SAFETY PROGRAM

Through the Body Art Safety program the Environmental Health Specialist works to ensure the safe and proper operation of the licensed body art establishments in Vigo County. We educate operators, evaluate plan reviews, and perform opening inspections on new or remodeled body art establishments. We also ensure general safety and sanitation standards, and proper disposal methods of infectious waste.

The Artist licensing program ensures the individuals that are performing the body art are knowledgeable and competent.

### **In 2012:**

- 6 Routine inspections
- 4 Opening inspections
- 28 Regular Artist License
- 19 Temporary Artist License

## DRINKING WATER PROGRAM



The drinking water program includes the review of water sampling results from daycares, mobile home parks, and retail food establishments that utilize well water; education on proper care and shocking of wells, and guidance when flooding is an issue.

## WASTEWATER MANAGEMENT PROGRAM



The planning, installation, and repair of on-site sewage disposal systems must be reviewed and inspected by one of our full-time environmental health specialist. This includes the reviewing of soil scientist reports, drawing of installed systems for department records, and giving recommendations for proposed subdivisions.

### **In 2012 a total of:**

- 36 New installations of on-site sewage disposal systems
- 9 Additions to on-site sewage disposal systems
- 20 Replacements of on-site sewage disposal systems
- 30 Subdivisions

## RECREATIONAL WATER PROGRAM



Recreational water includes the inspection and review of bacteriological reports of swimming and wading pools, spas, therapy pools, and public access beaches. The inspection entails an evaluation of the pool area, water quality, safety equipment, and mechanical room.

### In 2012:

- 160 Regular inspections were performed
- 11 Follow-up inspections
- 36 Closings
- 6 Routine inspections
- 4 Opening inspections
- 28 Regular Artist License
- 19 Temporary Artist License

## PUBLIC HEALTH COMPLAINT PROGRAM

Housing and property complaints filter through this program. Some of the problems addressed are: mold, rodents, roaches, animal feces, meth lab clean up, surfacing sewage, and human feces.



- 20 surfacing sewage complaints
- 18 trash and garbage complaints
- 3 roach complaints
- 2 animal feces complaints
- 22 bed bug complaints
- 26 mold complaints



## LEAD POISONING PREVENTION PROGRAM



The state of Indiana mandates the local health department to follow children with elevated blood lead levels of 10  $\mu\text{g}$  or more and to follow up services to provide parent education and blood testing of children with elevated blood lead levels of 5  $\mu\text{g}/\text{dL}$  of blood or more. This includes educating the parents and conducting a risk assessment on the home.

- 34 open cases
- 5 new cases
- 6 risk assessments
- 2 clearance exams

The department also provided lead poisoning prevention through community outreach events that increased educational awareness about the risks of lead to children, and increased the number of children tested for exposure to lead.



## 2012 NATIONAL NIGHT OUT

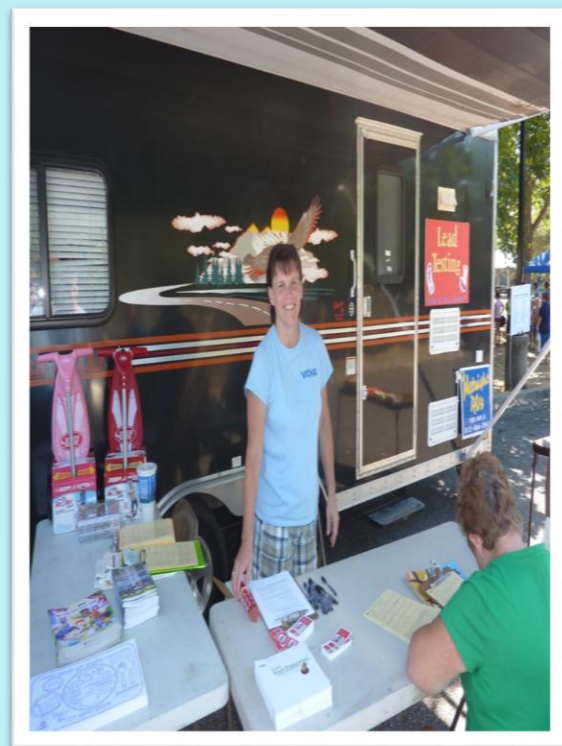


The entire health department participated in the National Night Out held at Fairbanks Park. As always, we had many fun draws for the families such as kettle-corn, face-painting, balloons and a duck pond.

We provided free onsite child lead poisoning screenings for children ages 6 and under. Children tested for lead poisoning were entered into a raffle to win a bicycle. There was one raffle for a girl's bike and one raffle for a boy's bike. Seven hundred school supply bags also were given away for children in attendances that were in grades 1-5. Local tattoo artist's showcased their art by doing face painting and used it as an opportunity to educate on why licensed tattoo artists are professional and safe versus "scratchers" or unlicensed tattoo-ist. Local dentists donated toothbrushes and toothpaste as giveaways.



**Cole Grayless helps his mom, Amy Grayless give out Kettle Korn**



**Rhonda Coombs does in-take for lead testing**

## SPONSERS FOR NATIONAL NIGHT OUT

- Adams Garage
- Advanced Dental, LLC
- B & B Foods
- Bayside Vector Control
- Bemis
- Blackburn Body Shop
- Christopher Novak
- Dave's Heating and Cooling
- David M. Giltner, DDS MS
- Dr. Patricia H. Clark, DDS MSD
- Gary Greiner-Greiner Funeral Home
- James Humphrye DDS MSD
- Jeffery L. Snoddy, DDS
- Joe's Mechanical
- Lawton Byrum VFW Post 972
- Lead Poisoning Prevention Coalition
- Luke Staley, DDS
- Mace Ford
- Mattox-Ryan Funeral Home
- Mike's Market
- Performance Refinish
- Pruitt Properties
- Ra-Comm
- Rick's Smokehouse
- Rober D. Morris, DDS
- Robert P. Bonness, DDS
- Roselawn Funderal Home
- Roshel Family Dentistry
- Royal Mandarin
- Terry J. Gilman, DDS
- Vigo County Helath Department
- Wayne B. Anshutz III, DDS
- Wells Fargo
- West Vigo IGA
- Wetnight RV
- Wise Pies Pizza & Subs



Sydney Elliott and Loretta Little having fun



Joe Higgins, Logan Edwards help Bob Rea give out  
Tooth-brushes donated by local dentists

# The End

Vigo County Health Department

147 Oak Street

Terre Haute, Indiana 47808

(812) 462-3428

[www.vigocounty.in.gov](http://www.vigocounty.in.gov)