

VIGO COUNTY HEALTH DEPARTMENT



2011 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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National Night Out fun & games



National Night Out school supply give away

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 2012, 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

VIGO COUNTY BOARD OF HEALTH

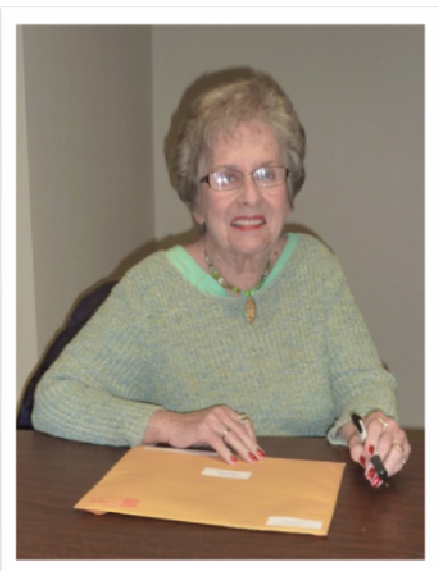
The Vigo County Board of Health is composed of seven (7) members, no more than four (4) of whom may be from the same political party (IC 16-20-2-4). County commissioners appoint the Board members. Indiana Code establishes specific selection criteria for board membership (IC 16-20-2-5). The Board hires 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.



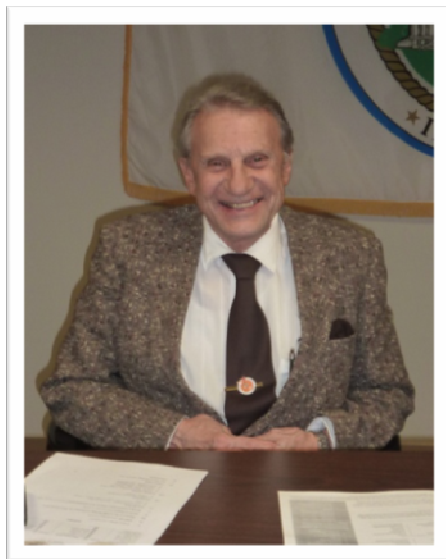
Jeff DePasse, Board President



Edward Barksdale, D.O.



Dora Abel



Robert Burke, M.D.

Michael Eldred

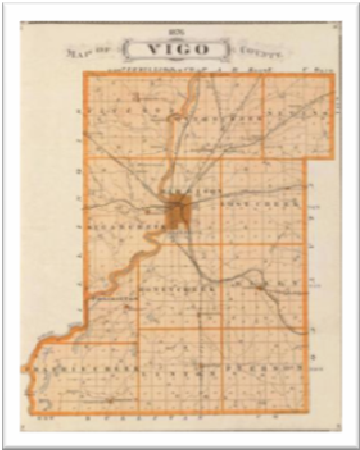
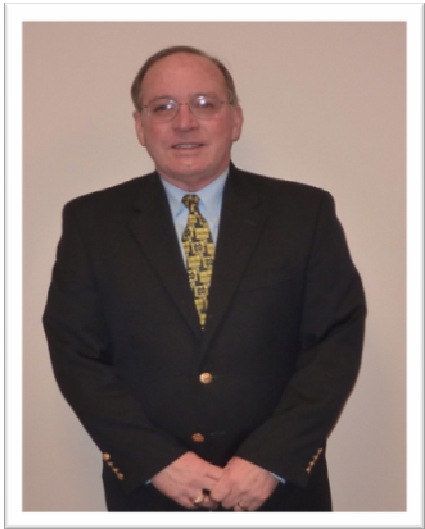
VIGO COUNTY BOARD OF HEALTH



Irving Haber, D.O.



Darrin Brucken, M.D.



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 Foulkes, 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
Angela M. Boyd, RN, Lead Poisoning Prevention Program

Health Education/Media Coordination

Sydney Elliott

Vector Control Division

Michael Grayless, Supervisor
Tony Grayless, Assistant Supervisor
Warren Sweitzer, Assistant
Robert Rea, Assistant (retired December 2011)
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

Gail Whitfield, RN, Nursing Supervisor
Catherine Brown, MD, Pediatrician
Mary Ann Lumaye, RN, Staff Nurse
Amy Mullins, RN, Staff Nurse
Dolly Moss, Secretary
Teresa Bechtel, Immunization Registry Clerk

FINANCIAL REPORT FOR 2011

| | |
|---|-----------------|
| Cash Balance Health: January 1, 2011 | \$ 941,094.70 |
| Balance in Health Fund: December 31, 2011 | \$ 1,007,480.76 |

EXPENSES

| | |
|-----------------------|----------------|
| Personnel Services | \$1,063,103.89 |
| Supplies | \$ 122,870.90 |
| Other Services | \$ 64,976.94 |
| Capital Outlays | \$ 16,391.55 |
| Un-Appropriated Funds | \$ 100.00 |

Total Disbursements: \$1,267,443.28

RECEIPTS

| | |
|--------------------------------------|----------------|
| Fees Collected | \$ 228,789.51 |
| Tax Advancements & Settlements | \$1,013,651.45 |
| Financial Institutional Tax | \$ 8,977.84 |
| State Grants | \$ 118,423.30 |
| Commercial Vehicle Excise/Health Tax | \$ 5,399.52 |
| Miscellaneous Revenue | \$ 18.22 |
| Auto, Aircraft, Excise Tax | \$ 97,360.16 |

Total Receipts: \$1,472,620.00



Rhonda Coombs, Bookkeeper

COLLECTION JANUARY 1, 2011 THROUGH DECEMBER 21, 2011

| | |
|--|---------------|
| Vital Statistics | \$ 132,325.25 |
| Environmental Health | \$ 53,795.00 |
| Immunizations | \$ 11,419.65 |
| Other | \$ 244.36 |
| Coroner's Education Fund | \$ 17,004.75 |
| Donation Fund – Travel, Pneumonia, Flu, Lead | \$ 14,000.50 |

ADMINISTRATION



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



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

VECTOR CONTROL DIVISION



Front row from left: David Higgins, Warren Sweitzer and Joey Higgins
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 2011. The adulticiding program consists of five ½ ton pickup trucks and one ATV (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 six 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.



**Chris Novak of Clarke Mosquito
checking Control droplet size**



**Tony Grayless treats
an area on an 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 fogging 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 condition, we do not spray when the wind is over 10 MPH or rainy conditions exist.

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 the second insecticide Altosid 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 roadside ditches.



In 2011, approximately 1200 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 runoff. 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 2011 an additional 226 larvaciding sites were treated with the third insecticide 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 2011

| | INSECTICIDE | AMOUNT USED |
|------------------|------------------------------|--------------------|
| 55 Gallon Drum | Mosquitomist 1.5 | Two Drums |
| 55 Gallon Drum | Biomist 4 + 12 | Nine Drums |
| 55 Gallon Drum | Kontrol | Two Drums |
| 55 Gallon Drum | Pyrofos | Thirteen Drums |
| 55 Gallon Drum | Aqua Anvil | Two Drums |
| 220 Per Case | Altosid Briquettes (150 Day) | Six Cases |
| 400 Per Case | Altosid Briquettes (30 Day) | 1 ½ Cases |
| 100 Per Case | Bactimas Briquettes | 10 ½ Cases |
| 40 bags Per Case | Vectolex WSP | 3 Bags |
| Sold per Pound | Skeeter Abate 5% | 132 Pounds |

WEST NILE VIRUS SURVELLIANCE

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 6,453 mosquitoes being collected between June and October 2011. Once the mosquitoes are collected they are separated into groups ranging in number from 5 to 50 and are then labeled as pools of mosquitoes, which are sent to ISDH for West Nile Testing. A total of 217 pools were sent in for testing in 2011. The Indiana State Department of Health reported we had no 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.



Kim Edwards identifies mosquitoes before shipping to ISDH



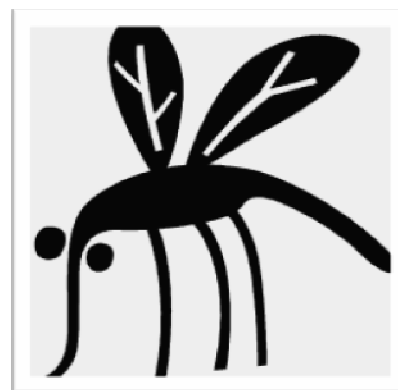
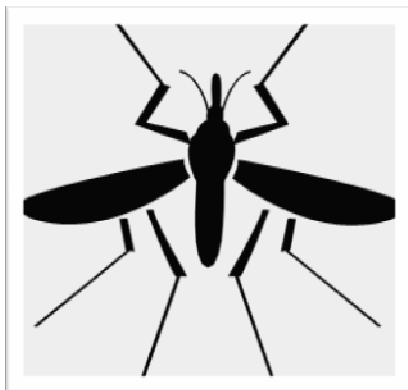
Warren Sweitzer doing site modification

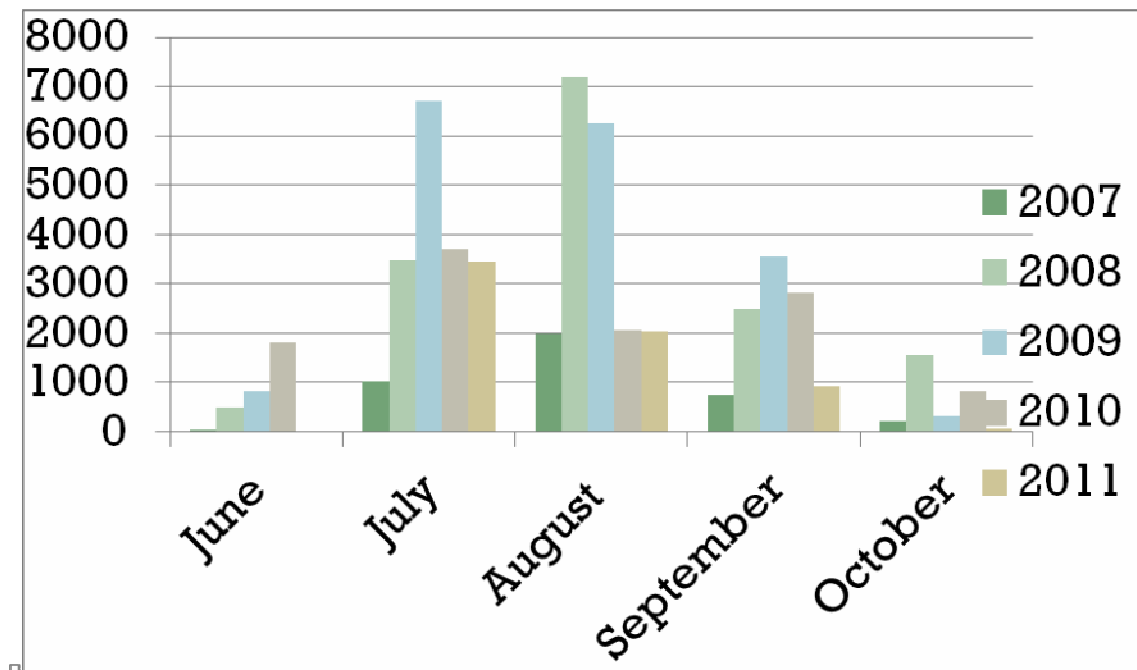
MOSQUITO BORNE DISEASE PREVENTION ACTIVITIES:

- Distributed 5400 “Skeeter Beater” coloring books to pre-school through 3rd 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.
- Continued to monitor tire retailers and salvage yards to ensure compliance with the Tire Storage Ordinance.
- Participated in National Night Out and distributed “Skeeter Beater” coloring books.
- Participated in Clean-Up Terre Haute program in May and October 2011.

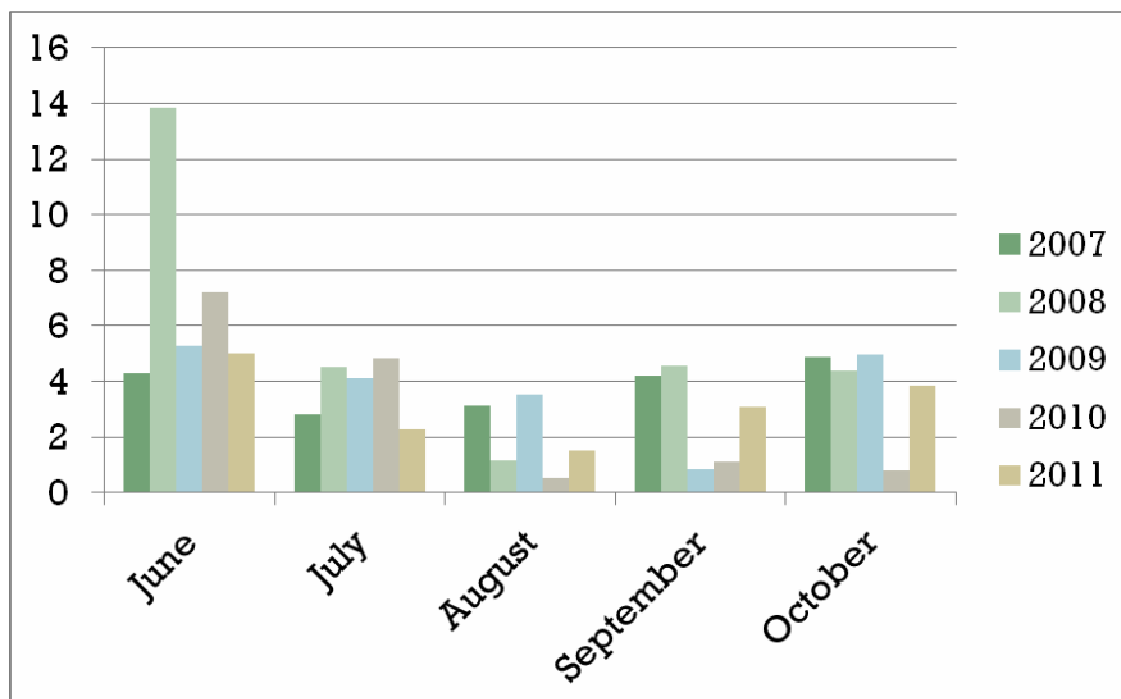
2012 MOSQUITO AND LARVAE CONTROL STRATEGIES

- 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 sights 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 vector mosquito densities and virus infection rates.
- Conduct inspections of local tire retailers and junkyards for tire storage ordinance compliance.





MOSQUITOS COLLECTED



PRECIPITATION AMOUNTS

RODENTS

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 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. Four rodent complaints were investigated in 2011.



Little brown bat being removed from residence



Tony Grayless removing a Norway Rat

REMOVAL OF DECEASED ANIMALS

In 2011 a total of 1,229 deceased animals were taken to the county landfill. 933 of these animals were removed from private properties as well as city and county roads. An additional 296 was removed from the Terre Haute Humane Shelter.

RABIES

In 2011 Vector Control staff sent in six bats and three cats to ISDH for rabies testing. On September 8th, the Indiana State Department of Health confirmed that a bat found in Vigo County tested positive for rabies. A follow-up investigation was done by Travella Myers, Deputy Administrator, Mary Ann Lumaye, RN and Dr. Randy Stevens to ensure all individuals at risk received the rabies vaccine. Vector Control staff utilized night surveillance to assist the homeowner in “bat proofing” the home. Night surveillance was performed at three other homes in Terre Haute to advise on “bat proofing” the homes.

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.

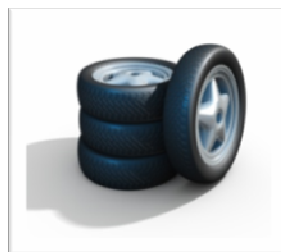
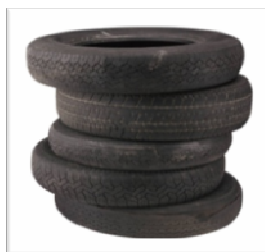


Bob Rea doing auto maintenance



David Higgins working on equipment

VIGO COUNTY TIRE STORAGE ORDINANCE ENFORCED



Before



After

TIRE AMNESTY DAY

The Vigo County Health Department held a “Tire Amnesty Day” on Saturday, June 4, 2011. 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. Seven 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 tobacco settlement fund and staffed with volunteers from City Code Enforcement, City Park Department, Health Department employees and their families, Vigo County citizens, Vigo County Commissioners, Board of Health Members, and students from IU School of Medicine in Terre Haute.

Prior to Tire Amnesty Day, Health Department employees spent the month of May removing discarded tires from the alleys and streets of Terre Haute and surrounding communities. A total of 3800 tires filling three 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 ten semi trailers.



Terre Haute City Code Enforcement employees



Health Department employees with volunteer, John Berry



County Commissioner Mike Ciolli and Dr. Jim Turner



Health Educator Sydney Elliott & Administrator Joni Foulkes



Vital Records Supervisor Terri Manning delivering water



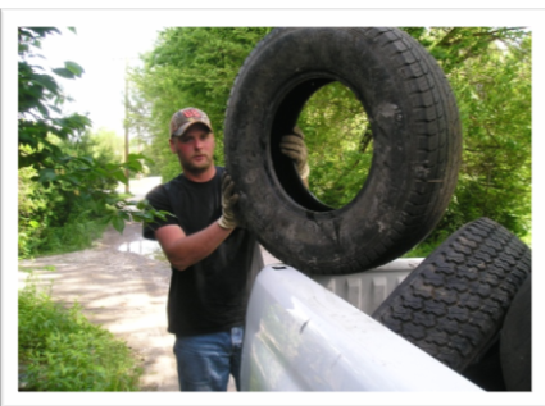
Health Board President Jeff DePasse takes a break from unloading tires to speak with the media



Dr. Jim Turner with Rural Health Medical Students



Terre Haute City Parks Department employee Hal Orndorff uses a bobcat to load tires

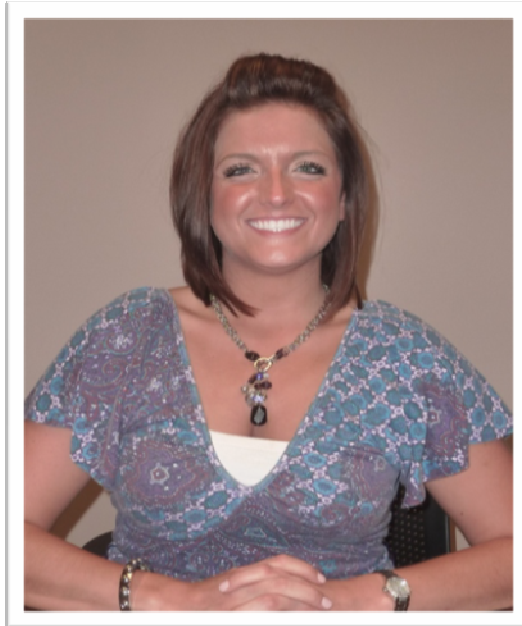


Vector Control Specialist David Higgins removing tires from alleys in Vigo County



Environmentalists Mandy Bales and Marci DeBoy drop-off a load of tires

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 2011 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 & Programs
- Health Fairs
- Media Partnerships
- Community Involvement



ISU Intern Felicia Williams



Sydney Elliott collecting tires

PRESENTATIONS & PROGRAMS

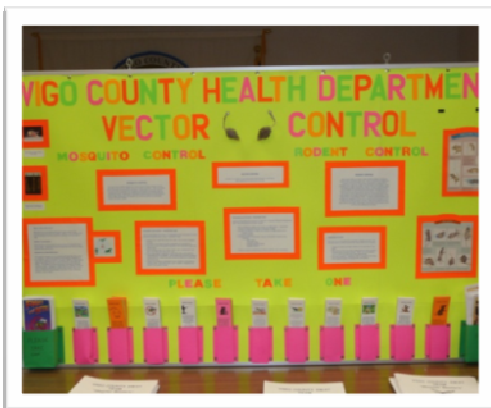
Presentations offer a comprehensive look at today's public health issues that are of concern. Some presentations are many faceted, such as an overview of the Health Department and its role in public health; others can be an in-depth look into the issues surrounding HIV/AIDS in our community. This involvement 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, Vigo County Tobacco Prevention and Cessation, and the Vigo County School Corporation. The following is a list of programs & presentations conducted by the Health Department:

- County employee CPR program
- Tobacco Prevention
- Hand Washing and Food Safety
- HIV/STD Prevention/Education
- Lead poisoning awareness
- Stress reduction
- Health department overview
- Partnership with American Heart Association

HEALTH FAIRS

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:

- World AIDS Day at Indiana State University
- Hamilton Center Employee Health Fair
- Hamilton Center Consumer Health Fair
- 20,000 Scams under the Sea
- Rose Hulman Health Fair
- Terre Haute Block Party
- Wellness Bash at Indiana State University
- March of Dimes Women's Expo
- American Heart Association Heart Healthy booth
- Hope Health Fair at Regional Hospital



Vector Control Health Fair Display



Planning group for employee 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
- Food poisoning and salmonella
- Childhood Immunizations
- Tick-Borne Disease Prevention
- West Nile Virus Prevention
- Flu Shot Clinic Information
- World AIDS Day
- 4th of July Firework Safety Tips
- National Public Health Week
- Employee Health Fair
- Salmonella in cookie dough
- Smoking Prevention and Ordinance
- Tire Amnesty Program
- Food safety (during grilling season)
- Maple Center (CHIP Program)
- Walk Across Indiana
- Number of Hoosier kids living in poverty

COMMUNITY INVOLVEMENT IN 2011

- Purdue Extension
- American Heart Association
- Vigo County School Corporation
- Landsbaum Center for Health Education
- West Central Indiana Area Health Education Center
- Indiana State Department of Health
- American Red Cross
- Indiana State University
- Indiana University School of Medicine—Terre Haute
- District 7 Bio-terrorism Taskforce
- Wal-Mart
- Indiana Association of Public Health
- Vigo County Head Start
- Tobacco Cessation Coalition



Getting the word out at health fairs



Hand Washing Tent

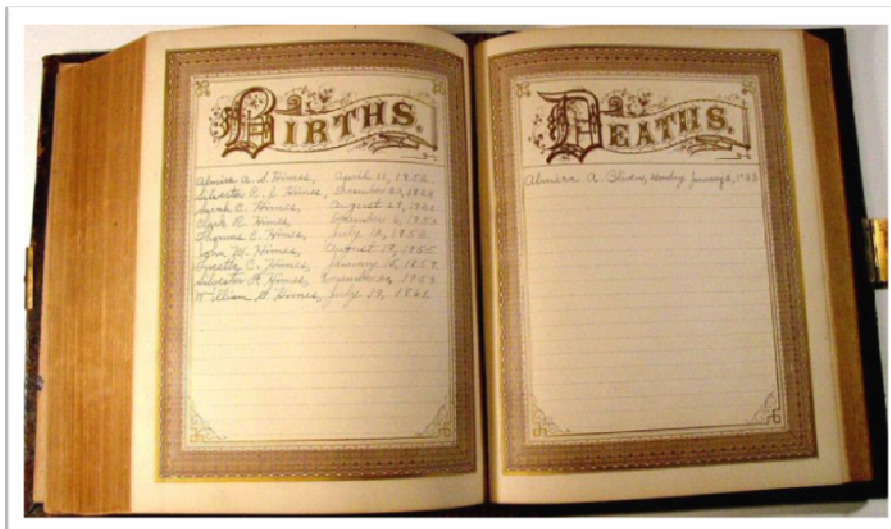
VITAL STATISTICS DIVISION



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

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

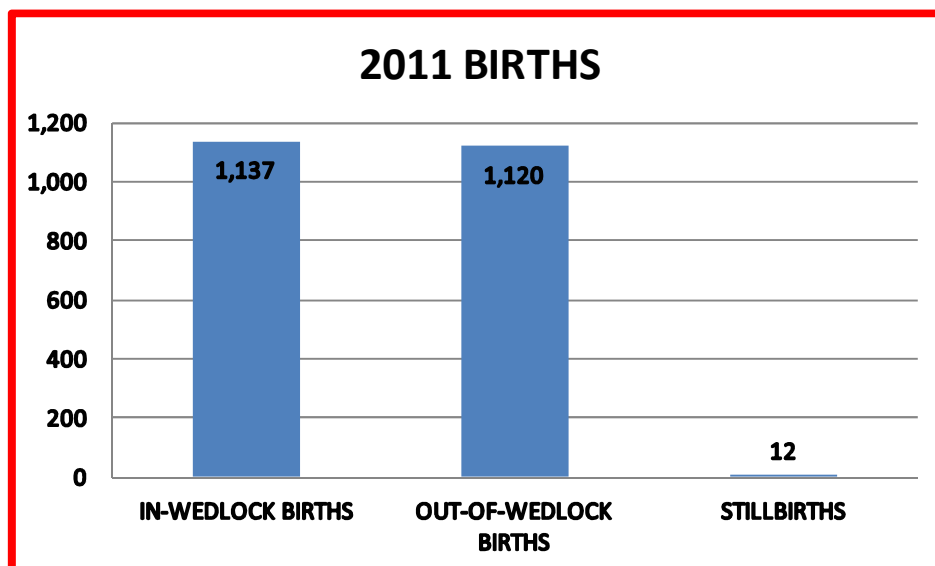
- Carry out uniform procedures
- Maintain and protect the integrity of the Vital Records Systems



Births & Deaths Records

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



VITAL STATISTICS ANNUAL REPORT 2011

BIRTHS REPORTED

| | |
|----------------|-------|
| In-Wedlock | 1,137 |
| Out-of-Wedlock | 1,120 |
| Total Births | 2,257 |

STILLBIRTHS

12

DEATHS REPORTED

1,449

CORRECTIONS PROCESSED:

| | |
|-------------------------|-----|
| Affidavit of Amendments | 51 |
| Adoption | 23 |
| Paternity Affidavit | 217 |
| Total Corrections | 291 |

BIRTH CERTIFICATES ISSUED

8,214

DEATH CERTIFICATES ISSUED

10,134

CERTIFICATES ISSUED FREE

532

SEARCHES

35

GENERAL HEALTH FUND

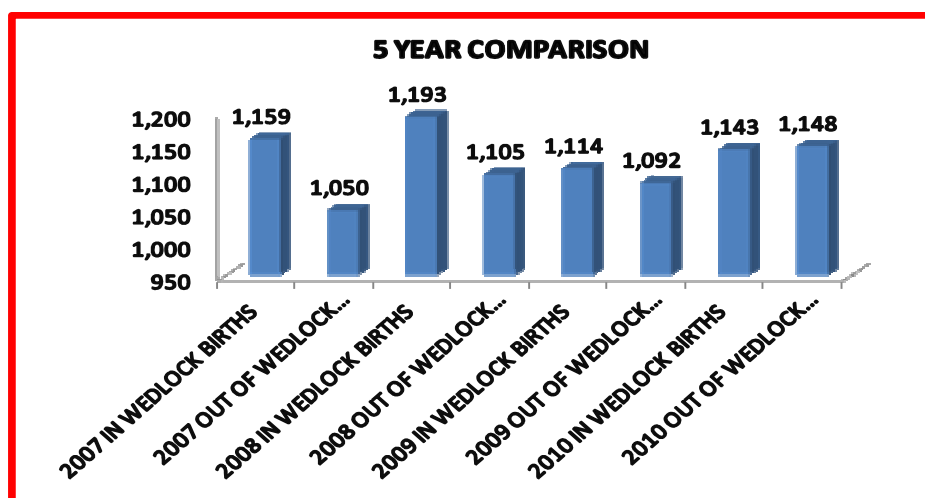
\$132,325.25

CORONER'S TRAINING AND EDUCATION FUND

\$ 17,004.75

TOTAL CASH RECEIVED

\$149,330.00



NURSING DIVISION



**Left to right front row: Mary Ann Lumaye, RN and Gail Whitfield, RN
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 2011, two 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 monthly Well Child Clinics. The Health Department Clinic provided services to both children and adults for a nominal fee or free of charge. In 2011, there were 3,000 client visits to the Clinic.

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 190 confirmed communicable disease cases in 2011. Chronic Hepatitis C continued to be the most prevalent communicable disease investigated by the VCHD in 2011.

WELL CHILD PROGRAM

The Well Child Program served children from birth through 18 years of age. Services included childhood immunizations, assessments by a nurse and/or pediatrician, parent education and service referrals. In 2011, 685 childhood vaccines were administered.



Mary Ann Lumaye, RN administers a required shot



Gail Whitfield, RN administers a childhood vaccine

HIV TESTING

In conjunction with Wabash Valley PATH, HIV testing and counseling was again offered at the VCHD in 2011 until the summer, when Wabash Valley PATH closed. Although testing was no longer performed at the VCHD, the staff continued to serve as a resource for citizens seeking this service by referring those that contacted us to other entities in the area that were providing this service, such as Crisis Pregnancy Center and Planned Parenthood, and continued to work with these agencies to provide the service to the community.

FOREIGN TRAVEL/ADULT VACCINE PROGRAM

The Foreign Travel/Adult Vaccine Program provides international travelers with protection from vaccine-preventable diseases while traveling outside the United States. Vaccines provided in 2011 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 2011, 98 foreign travel/adult vaccines were administered, and 40 of those were for Yellow Fever.

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 2011, less than 5 active TB cases and less than 5 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. 1138 TB skin tests were administered in 2011.

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 2011, Clinic nurses administered 212 flu vaccines to County employees.

EDUCATION

The Vigo County Health Department Clinic served as the host for several educational forums in 2011. In July, the Clinic hosted Tuberculosis Certification training for nurses, provided by ISDH. In October, the Clinic again hosted an ISDH “Immunization A to Z” training, which brought 35 individuals from various local medical offices and Health Departments here for education on immunization administration and management. In December the Clinic hosted ISDH once again for the “Animal Bites and Rabies Control for Indiana” seminar, presented by Dr. Jennifer House, DVM, MPH, DACVPM. Individuals from various local Health Departments and Animal Control agencies were in attendance and learned the facets of animal bite reporting and rabies management. In addition, VCHD Clinic nursing staff attended the Public Health Nurse Conference , and the Public Health Nurse Orientation in December, both provided by the ISDH.



Dr. Jennifer House presents information on animal bites and rabies management



Participants in the Animal Bites and Rabies Control Seminar

ENVIRONMENTAL HEALTH DIVISION



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

The Environmental Health Division strives to protect public health in Vigo County by identifying environmental health hazards through seven programs: drinking water, food safety, wastewater management, body art safety, lead poisoning prevention, recreational waters, and public health complaints.

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 of wells, and guidance when flooding is an issue.

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.

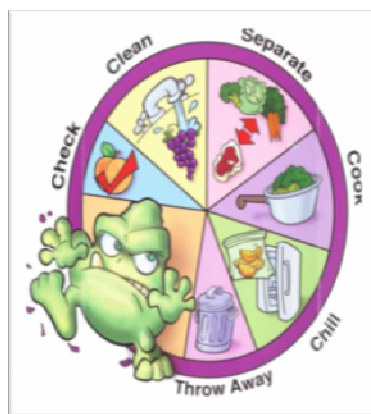
IN 2011 THE FOOD SAFETY PROGRAM:

LICENSED:

- 493 retail food establishments
- 62 temporary food stands
- 22 mobile units
- 12 farmers market stands

CONDUCTED:

- 878 routine inspections
- 22 follow-up inspections
- 13 plan reviews
- 11 pre-opening inspections
- 11 opening inspections
- 13 food complaints



WASTEWATER MANAGEMENT PROGRAM



The planning, installation, and repair of on-site sewage disposal systems must be reviewed and inspected by two 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 2011 A TOTAL OF:

- 39 New installations of on-site sewage disposal systems
- 8 Additions to on-site sewage disposal systems
- 23 Replacements of on-site sewage disposal systems
- 32 Subdivisions
- 154 On-Site evaluations
- 256 Improvement location permits
- 73 final septic system inspections
- 3 Repair of septic system



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.

- 141 Regular inspections were performed
- 19 Follow-up inspections



Deming Pool



Fowler Park

BODY ART SAFETY PROGRAM

Through the Body Art Safety program the Environmental Health Specialist works to ensure the safe and proper operation. 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.

In 2011, we continued administering the Artist Licensing Program. The goal of the program is to help ensure the individuals performing body art are knowledgeable and competent in safety and sanitation practices.



**Marci DeBoy administering
Artist Licensing Test**

- 11 routine inspections were conducted
- 22 Regular Artist License
- 6 Temporary Artist License

LEAD POISONING PREVENTION PROGRAM



The state of Indiana mandates the local health department to follow children with elevated blood lead levels of 10 $\mu\text{g}/\text{dL}$ 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(s) on the home.

- 30 open cases
- 7 new cases
- 13 risk assessments
- 13 clearance exams

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.



- 21 surfacing sewage complaints
- 14 trash and garbage complaints
- 5 roach complaints

- 3 animal feces complaints
- 11 bed bug complaints
- 22 mold complaint

2011 NATIONAL NIGHT OUT

The entire health department participated in the National Night Out held at Fairbanks Park. Even though it was one of the hottest evenings of the summer, 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 where 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. Each school supply bag contained a school box, glue, crayons, pencils, erasers, scissors, notebook, folders, a Skeeter Beater Coloring Book, temporary tattoos, a toothbrush, toothpaste and bookmark.



Stuffing school supply bags



Travella Myers and Joni Foulkes



Rhonda Coombs



Sydney Elliott

SPONSERS FOR NATIONAL NIGHT OUT

- Gary Greiner-Greiner Funeral Home
- Kevin Nichols – Mattox Funeral Home
- Wise Pies Pizza & Subs
- A to Z Muffler
- Esco Paint and Body Shop
- Bryant Body Shop Inc.
- Rob Meeks – Patterson Dental Supply
- Wetnight RV
- Chris Novak – Clarke
- Peggy Wesley – Roselawn & Thomas Funeral Home
- Wells Fargo
- Pruitt Properties
- Dave's Heating & Cooling
- Adams Garage
- RA-Comm
- Performance Refinish Supply, Inc.
- Bemis
- Thiemann Office Products
- Rural King



Boys Night Out at the 2011 National Night Out!



Registered Nurses, Gail Whitfield and Mary Ann Lumaye



I.T. employee Jeremy Snowden



Event Chairperson Amanda Bales



Tony Grayless



Kyndal Edwards



Staff and family at a National Night Promotional Event



Cole Grayless helps his grandpa, Mike Grayless, pass out kettle korn



Handing out the school supply bags !

RETIREMENT !



**Vigo County Commissioners, Judy Anderson
and Paul Mason with Bob Rea at his retirement party**

VECTOR CONTROL SPECIALIST, ROBERT
REA, RETIRED IN DECEMBER 2011 AFTER
WORKING SINCE THE SPRING OF 1990 FOR
THE VIGO COUNTY HEALTH
DEPARTMENT !

THANK YOU, BOB !!!

THE END



VECTOR CONTROL SPECIALIST, DAVID
HIGGINS WON A 2011 HARLEY
DAVIDSON SUPER GLIDE
IN A CONTEST SPONSORED BY THE
RADIO STATION, 105.5 THE RIVER!