

VIGO COUNTY HEALTH DEPARTMENT



2013 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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BOARD OF HEALTH

For almost 50 years, the Vigo County Health Department has provided the citizens of Vigo County with the very best public health services possible. Today, those services have expanded into areas our predecessors never imagined, challenging us to keep pace with the demands of an ever changing environment and population. The Vigo County Health Department has continued in the successful tradition established under the leadership of its Board of Health. Members of the Board of Health have roots in medicine, law, business, industry, labor and social services. Maintaining constant communication between the governing body and staff members has been instrumental in relating regulation and procedures that best serve the community. The Vigo County Board of Health is appointed by elected officials in order to represent the needs of the community. The Vigo County Board of County Commissioners appoint all seven members of the board, no more than three from the same political party.

2013 Board of Health Members

Jeffery Depasse (President)
Dora Abel (Vice President)
Irving Haber D.O.
Brian Garcia
Michael Eldred
James Turner, D.O.
Robert Burkle, M.D.

MESSAGE ABOUT THE HEALTH COMMISSIONER

Wabash Valley native, Darren Brucken, M.D. was appointed Vigo County Health Commissioner in August of 2013. Dr. Enrico Garcia had been the health commissioner for over ten years and retired to enjoy and live in Las Vegas, Nevada. Dr. Brucken was a member of the Vigo County Board of Health from January 2002 until his appointment as Health Commissioner.

Brucken, a family practice doctor, received an undergraduate degree in biochemistry from Indiana State University. He graduated from the Indiana University School of Medicine in 1997 and has more than 15 years' experience in medicine. He is a physician that has specialized in Family Practice and Hospitalist Medicine, as well as a fitness enthusiast. He continues to play competitive baseball, just as he has for the past 35 years. He and wife, Holly, are TRX Certified Instructor Trainers, and have brought this amazing exercise to the Wabash Valley. Dr. Brucken served as a member of the Vigo County Board of Health from January 1, 2002 until August 2013. Brucken is also co-founder of P.I.N.K., a new Wabash Valley organization supporting breast cancer patients and their families.



Darren Brucken, MD



Joni Wise, Administrator

MESSAGE FROM THE DEPARTMENT ADMINISTRATOR

After almost 17 years working in public health, I am still amazed at the diversity of work we do at the health department. No hour, week, month or year are the same with the presentation of new and established challenges. We strategize through preventative measures, communicate and collaborate with our partners, effectively adhere to all policy and procedures that govern our work, and react in a timely manner as needed. The citizens of Vigo County are fortunate to have hard-working health department employees that are dedicated to the health of our community. We work as a department, a team and as a family, inside and outside of work. I am honored to be part of the health department family. Thank you to everyone for another successful year!

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

Darren Brucken, M.D., Health Commissioner
Joni Wise, Administrator
Travella 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 January-September / Christina Keller

Vector Control Division Vital Statistics Division

Michael Grayless, Supervisor
Tony Grayless, Assistant Supervisor
Warren Sweitzer, Assistant
David Higgins, Assistant
Joey Higgins, Assistant
Kim Edwards, Secretary
Logan Edwards, Seasonal
Dailyn Beck, Seasonal

Terri Manning, Supervisor
Connie Malooley, Assistant Supervisor
Kirsten McGrew, Registrar
Loretta Nicoson, Registrar

Nursing Division

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

BOOKKEEPING & PURCHASING



Rhonda Coombs, Bookkeeper and Vicky Barish, Purchasing Clerk



Bookkeeping and Purchasing is an important part of Administration of the Health Department. We manage funds and purchases with allocations by the Vigo County Council, Indiana State Department of Health and the Indiana State Board of Accounts. Our Goal is to conscientiously and prudently utilize our funds to the benefit of those we serve – the Public and our office, within compliance of all rules and regulations. We make purchases based on the assessed needs of our employees and their divisional programs, while making sure we obtain the best prices available. As with most municipal entities, we have had less funds throughout the years so we have become very proficient and ingenious in our spending. The bookkeeper and purchasing clerk also assist the Environmental Health Division as support staff as well as being an integral part of our team comprising of twenty six full time employees, six part-time employees, and one contractual person.

FINANCIAL REPORT FOR 2013

Cash Balance Health – January 1, 2013	\$1,039,855.44
Balance in Health – December 31, 2013	\$1,189,673.80

Cash Balance – Health Donation – January 1, 2013	\$ 193,851.20
Balance in Health Donation – December 31, 2013	\$ 129,446.91

Cash Balance – Health Maintenance – January 1, 2013 – Reserve	\$ 14,579.37
Balance in Health Maintenance – December 31, 2013	\$ 8,688.44

EXPENSES

Personnel Services	\$1,225,103.07
Supplies	\$ 148,761.07
Other Services	\$ 84,343.88
Capital Outlays	\$ 51,625.07
Un-Appropriated Funds	\$ 10.00

TOTAL DISBURSEMENTS \$ 1,509,843.09

RECEIPTS

Fees Collected	\$ 231,316.42
Tax Advancements & Settlements	\$1,127,333.48
Financial Institutional Tax	\$ 10,574.51
State Grants	\$ 94,970.79
Other Grant (Breast Cancer Grant)	\$ 2,375.00
Commercial Vehicle Excise/Health Tax	\$ 6,041.88
Miscellaneous Revenue	\$ 13.35
Auto, Aircraft, Excise Tax	\$ 106,340.24

Total Receipts - \$1,578,965.67

Collection January 1, 2013 through December 31, 2012

Vital Statistics	\$145,924.25
Environmental Health	\$ 59,524.65
Immunizations	\$ 24,670.00
Other	\$ 1,197.52
Coroner's Education Fund	\$ 15,567.75
Donation Fund – Travel, Flu, Lead, Vaccines	\$ 35,081.20

VECTOR CONTROL DIVISION



Front row, left to right: Warren Sweitzer, David Higgins and Joey Higgins
Back row, left to right: Kim Edwards, Mike Grayless 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 2013. The adulticiding 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



Vector Control Specialist Tony Grayless

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*), amosquito, 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 2013, 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 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 2013 an additional 12 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 2013.

	INSECTICIDE	AMOUNT USED
55 Gallon Drum	Biomist 4 + 12	13 Drums
55 Gallon Drum	Pyrofos	11 Drums
55 Gallon Drum	Mosquitomist	7 Drums
220 Per Case	Altosid Briquettes (150 Day)	8 Cases
100 Per Case	Bactimas Briquettes	17 Cases
220 Per Case	Natular	2 cases
Sold per Pound	Skeeter Abate 5%	½ case
55 Gallon Drum	Kontrol	2 Drums
55 Gallon Drum	Aqua Anvil	6 Drums

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 7312 mosquitoes being collected between June and October 2013. 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 158 pools were sent in for testing in 2013. The Indiana State Department of Health reported 35 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.

MOSQUITO BORNE DISEASE PREVENTION 2013 ACTIVITIES:

- Distributed 5600 “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.
- Participated in National Night Out and distributed “Skeeter Beater” coloring books.
- Participated in Clean up Terre Haute program in May and September 2013.
- Participated in Tox-A-Way Day in October 2013.
- Continued to monitor home owners, tire retailers and salvage yards to ensure compliance with the Tire Storage Ordinance.



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



Vector Control part time employee Dailyn Beck loading an ATV after treating an area

2014 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 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.

REMOVAL OF DECEASED ANIMALS

In 2013 a total of 950 deceased animals were taken to the county landfill. 781 were removed from private properties as well as city and county roadways. An additional 169 were removed from the Terre Haute Humane Shelter.

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 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. Three rodent complaints were investigated in 2013.

RABIES

In 2013 Vector Control staff sent in six bats to the ISDH for rabies testing. All results were 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 removed from residence and sent for testing

VEHICLE & EQUIPMENT MAINTENANCE



David Higgins doing maintenance on a truck



Joey Higgins working on equipment

During the winter months the Vector Control Division is busy repairing, cleaning and inspecting 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.

TIRE CLEAN-UP PROGRAM

In 2013 Vigo County Health Department employees removed discarded tires from the alleys and streets of Terre Haute and surrounding communities within our county. A total of 5,800 tires filling five semi- trailers were collected. Residents that had tires stored outdoors were given information on our Tire Storage Ordinance informing them that the tires must be stored indoors or removed from the property.

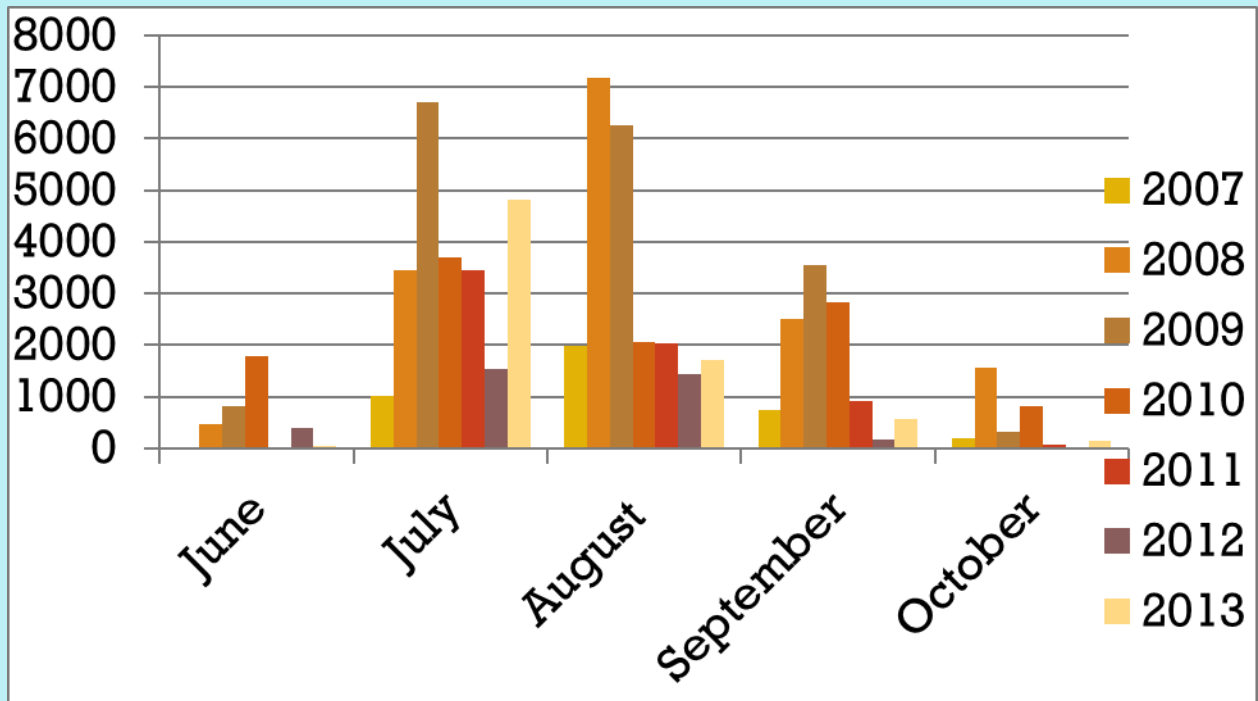


Marci Shaw and Mandy Bales with a load of tires collected from the community

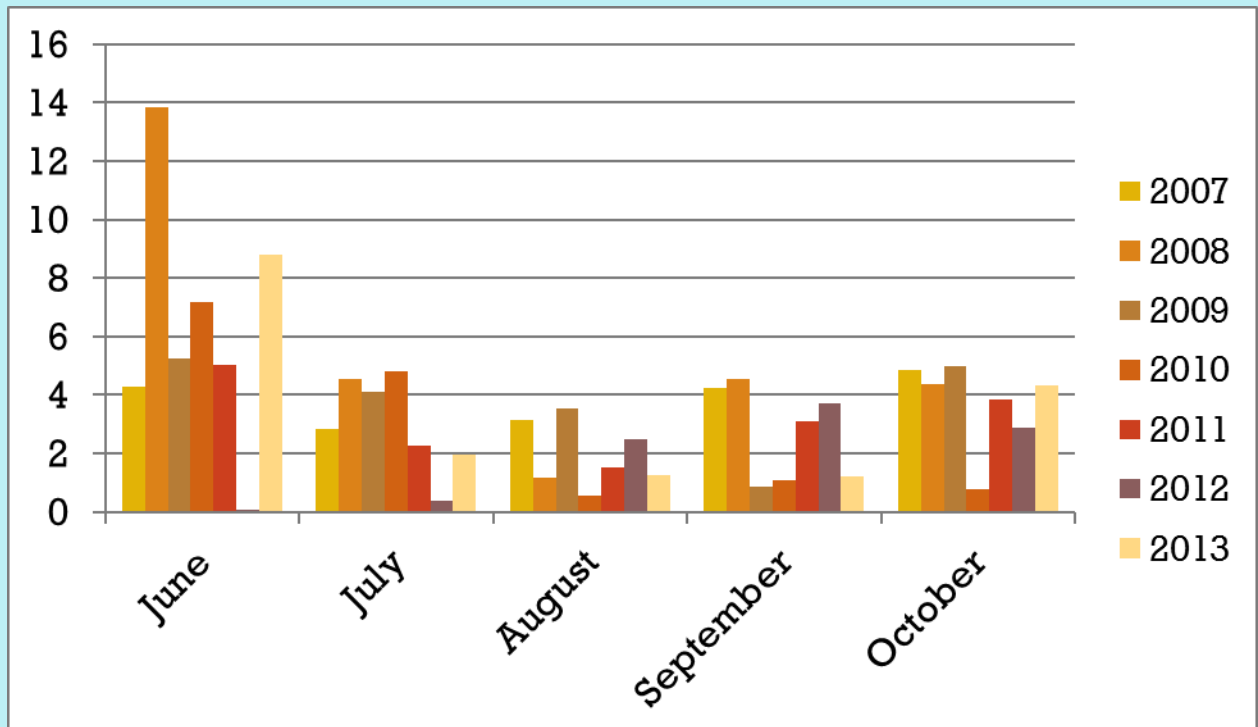


Logan Edwards and Warren Sweitzer loading tires

TOTAL MOSQUITOES COLLECTED



PRECIPITATION AMOUNTS



HEALTH EDUCATION/MEDIA COORDINATION



Christina Keller, Health Education/Media

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 2013 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

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 issues such as bedbugs, influenza, or tobacco use 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:

- Vigo County government employee CPR program
- Weight Watchers at Work Program
- Tobacco Prevention for West Vigo Middle School
- Hand Washing and Food Safety at West Vigo Middle School
- HIV/AIDS education at West Vigo Middle School
- National Night Out 2013
- Lead poisoning awareness
- Stress management at Hamilton Center
- Hand Washing at Hamilton Center
- Tobacco cessation at Hamilton Center
- Vaccinations for the elderly, Sycamore Manor
- Flu prevention at Hamilton Center
- Tobacco Prevention at Terre Haute North High School
- STI/HIV/AIDS Education and Prevention at Hamilton Center
- MDWise Baby Shower
- Breast Cancer Educational Classes
- Summer Safety at Hamilton Center
- MHCVC Annual Luncheon
- Hand Washing at Sarah Scott Middle School
- Nutrition & Physical Activity at Lange Apartment
- Stress Presentation at Cummins Behavioral Health
- Breast Cancer Educational Class at St. Ann's Clinic
- Nutritional Presentation for Employees at VC Group Homes



Hand washing tent at West Vigo Elementary



R.N.'s Chrissy Barbour and Kristin Wright

HEALTH FAIRS

Health fairs are a great way to promote health awareness and encourage participants to take responsibility for their health and provide valuable health information. The Vigo County Health Department held its annual Vigo County Employee Health Fair to celebrate Public Health Week. Prevention was the focus of the health fair. Local organizations provided information on a variety of healthy lifestyle topics including fitness, healthy eating, tobacco cessation, and disease prevention. Health fairs allow health department employees the opportunity to meet with the public and discuss their specific concerns. This year, 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, INC. Health Fair
- Terre Haute Housing Authority Health Fair
- Regional Hospital Thanksgiving Smoke out



2013 Public Health Week Vigo County Government Employee Health Fair

MEDIA PARTNERSHIPS

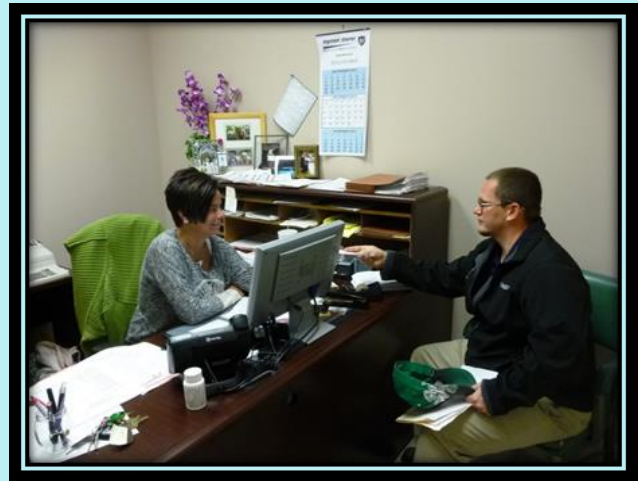
Working with the media is an extremely important component of Health Education. In order to ensure the residents of Vigo County receive the most accurate and up to date health information, the Vigo County Health Department has developed an excellent relationship with the media. The Health Educator/Media 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
- Bed Bugs
- National Night Out
- Vaccinations – Requirements
- Public Affairs
- Flooding
- Vital Records
- Electronic Death Records
- Strep/Pneumonia
- County Health Rankings
- Physicals at Vigo County Health Department
- Annual Health Reports
- Tire Amnesty Program
- Children's Immunizations
- West Nile Virus
- Flu Shot Clinics
- National Public Health Week
- Vigo County Employee Public Health Fair
- Smoking Prevention and Policy
- Clean Indoor Air Ordinance
- Maple Center (CHIP Program)
- H1N1
- Food Safety/Leftovers

COMMUNITY INVOLVEMENT IN 2013

- 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
- Mental Health America of Vigo County
- Suicide Prevention Coalition
- Chances for Indiana Youth
- Walgreens
- Lighthouse Mission
- United Way
- Better Health Wabash Valley
- Vigo County Tobacco Cessation Coalition

VITAL STATISTICS DIVISION



Kirsten McGrew greets the public with a smile Loretta Nicoson assists Roselawn Funeral Home

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
- 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
- Assist customers in doing genealogy

NATALITY AND MORTILITY 2013

BIRTHS REPORTED

In-Wedlock	1,173
Out-of-Wedlock	<u>1,147</u>
Total Births	2,320

STILLBIRTHS

16

DEATHS REPORTED

1,412

CORRECTIONS PROCESSED:

Affidavit of Amendments	53
Adoption	64
Paternity Affidavit	<u>181</u>
Total Corrections	298

BIRTH CERTIFICATES ISSUED

7,901

DEATH CERTIFICATES ISSUED

8,657

CERTIFICATES ISSUED FREE

477

SEARCHES

32

GENERAL HEALTH FUND

\$146,291.50

CORONER'S TRAINING AND EDUCATION FUND

\$ 15,548.50

TOTAL CASH RECEIVED

\$161,840.00



Terri Manning and Connie Malooley attend the
Indiana Vital Records Association Fall Conference

NURSING DIVISION



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

The Vigo County Health Department Clinic is located at 696 South 1st Street at the Southwest corner of the Vigo County Annex Building. In 2013, 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 2013, there were 4559 client visits to the Clinic.

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

The Well Child Program serves children from birth through 18 years of age. In 2013, the VCHD Clinic continued our weekly Well Child Clinics, in which Dr. Brown provided well child physicals, 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 2013, 1362 childhood vaccines were administered.

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 515 confirmed communicable disease cases in 2013. Chronic Hepatitis C continued to be the most prevalent communicable disease investigated by the VCHD in 2013.

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 2013 were Hepatitis A, Hepatitis B, Tdap, Varicella, MMR and Yellow Fever. The VCHD Clinic is one of the few designated licensed Yellow Fever vaccine providers for the state of Indiana. There were 471 foreign travel/adult vaccines administered in 2013. The Adult Stay Well Program was continued by Dr. Brown who provided adult physicals which included college students, daycare employees, and foster care parents for a nominal fee.

TUBERCULOSIS CASE MANAGEMENT & 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 2013, less than 5 active TB cases, less than 5 suspect, and 40 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. 1239 TB skin tests were administered in 2013.



Kristin Wright RN performing a lead test



Jane Keyes, RN works with a student from ISU

EDUCATION

The public health nurses attended numerous training courses throughout the year, including ISDH Lead Case Management training in January, ISDH/CDC Vtracks Immunization training in February, the Public Health Nursing Conference in April, ISDH Measles and Pertussis Information Seminar in May, ISDH Phlebotomy training in July, TB Conference in October, and a Public Health Conference in December.



Chrissy Barbour, RN



Dr. Catherine Brown, M.D.

COMMUNITY INVOLVEMENT

In January the nurses began assisting St. Patrick's School with updating student immunization records and helped complete over 130 hearing screenings there in March. Hearing screenings were also given to students at West Vigo Vikes for Tikes and Dixie Bee Elementary School. Indiana University Mini Medical Clinic took place in March and the Nurses presented on the Varicella Outbreak of 2012 and the importance of immunizations in preventing such events. There were several Health Fair's the nurses participated in including, MD Wise Baby Shower, Garfield Towers and The Minority Health Fair. Immunizations are an important part of what the nurses at the Vigo County Health Department do on a daily basis. There were several opportunities to immunize adults in our community including the Honey Creek Fire Department and the Vigo County Sheriff's Department. Flu vaccines were given to those who wanted one at St Ann's Clinic, Light House Mission and to Vigo County Employees.



LEAD SCREENING

Childhood Lead Poisoning continues to be a public health concern in Vigo County. In 2013 approximately 253 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 51 open cases out of 1111 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.



Jane Keyes, RN, prepares for a lead screening.



Jen Molica, Disease Intervention Specialist

DISEASE INTERVENTION SPECIALIST

Monroe County Health Department wrote and received a grant from the Indiana State Department of Health STD/HIV Division to pay for the salary of a disease intervention specialist (DIS) to be housed at the Vigo County Health Department Clinic. The DIS tests, counsels and treats STD's and tests and refers for HIV. The grant is for one year and has the possibility to be renewable.



ENVIRONMENTAL HEALTH DIVISION



Front row, left to right: Amanda Bales, Travella Myers and Marci Shaw
Back row, left to right: Steve Thompson, Mark McClintock and Theresa Jackson

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 2013 the Food Safety Program

Licensed:

- 513 retail food establishments
- 101 temporary food stands
- 30 mobile units
- 12 farmer's market stands

Conducted:

- 953 routine inspections
- 51 follow-up inspections
- 14 plan reviews
- 20 pre-opening inspections
- 27 opening inspections
- 21 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 2013:

- | | |
|---------------------------------------|-------------------------------|
| • 10 Body Art establishments licensed | • 29 Regular Artist License |
| • 12 Routine inspections | • 23 Temporary Artist License |
| • 1 Follow-up inspection | |
| • 3 Opening inspections | |

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 2013 a total of:

- 43 New installations of on-site sewage disposal systems
- 6 Additions to on-site sewage disposal systems
- 33 Replacements of on-site sewage disposal systems
- 2 Repairs 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 2013:

- 129 Regular inspections were performed
- 16 Follow-up inspections
- 37 Closings

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.



- 24 surfacing sewage complaints
- 13 trash and garbage complaints
- 2 roach complaints

- 1 animal feces complaints
- 18 bed bug complaints
- 17 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 μg 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.

- 37 open cases
- 8 new cases
- 8 risk assessments
- 0 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.



TOYS FOR TOTS

In 2013 Vigo County Health Department employees donated money to purchase toys for the Toys for Tots program in Vigo County, with over \$1,700 collected. The mission of the U. S. Marine Corps Reserve Toys for Tots Program is to collect new, unwrapped toys during October, November and December each year, and distribute those toys as Christmas gifts to less fortunate children in the community in which the campaign is conducted. The objectives of Toys for Tots are to help less fortunate children throughout the United States experience the joy of Christmas; to play an active role in the development of one of our nation's most valuable resources – our children; to unite all members of local communities in a common cause for three months each year during the annual toy collection and distribution campaign.



Mandy Bales & Kim Edward load up a "sleigh of toys"



Warren Sweitzer unloads toys at WTHI TV 10



“HEALTHIER BY 2020”

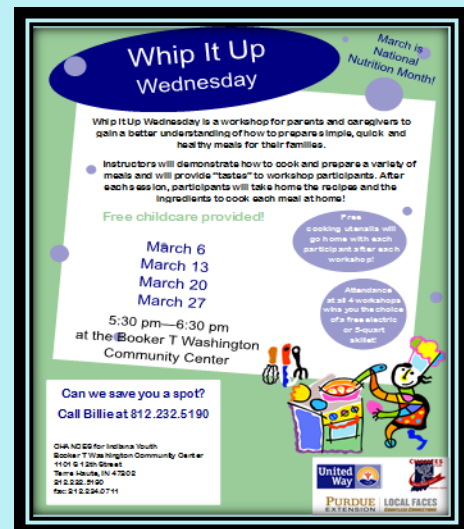
The United Way of the Wabash Valley is intending to impact our community in the area of health through an initiative called **“Healthier by 2020.”** Jane Keyes, R.N. and Joni Wise, administrator are chairing “Healthier by 2020”. The intent is to make an impact on obesity by approaching it through a healthy eating and a physical activity plan. Over the past three decades, the prevalence of overweight and obese people has increased at an alarming rate. In Indiana, 29% of adolescents and 65% of adults are overweight or obese. Poor nutrition and sedentary behaviors are contributing to this epidemic. **The overall objective of the health initiative is to decrease the percentage of adults who are obese from 30% to 25% by 2020.** There are three components to the plan, which will be implemented in phases.

The **first component** is to provide people, especially in low income neighborhoods, access to fresh and healthy food. Through a designated mobile grocery store route, the Wabash Valley Mobile Market provides food deprived communities with fresh, affordable fruits and vegetables.

The **second component** is the development of Family Teaching Kitchens at various community centers, established to teach people how to make a healthy family meal. Those who participate will learn valuable skills that will help them make better food choices for themselves and their families.

The **third component** involves partnering with our local YMCA in order to get people moving in organized exercise programs such as iwalkwabashvalley.org. This website offers physical activity opportunities by providing information to people of all ages and abilities.

As with any new initiative, the best strategy will be to utilize key agencies and volunteers that have a passion for this type of initiative – community health. As explained in the three components, the key strategy is to teach and generate excitement about healthy lifestyles!



The End

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