



Public Health
Prevent. Promote. Protect.

Champaign Health District Annual Report 2010

Volume 1, Issue 1

March 23, 2011

Board of Health

- Linda McGuire,
President
- Wilbur Hild, Jr.,
Vice President
- John Atkins
- Joshua Richards, MD
- David Vernon

Medical Director

Barry Paxton, MD

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What is Public Health?

Shelia Hiddleson
Health Commissioner

Many times during the year I am asked to give a presentation to various groups in the county related to the Champaign Health District and Public Health—and most of the time the participants believe the answer to the question, "Have you interacted with the health district in the last year?" is NO!

My response to them is a resounding YES! The role and responsibilities that the staff of the health district and I play in your daily lives is most

often unseen. In the next few pages you will read about the programs, inspections, and the services that the Champaign Health District provided during this past year.

Public health districts work behind the scene to assure that the food you eat, the water you drink, and the people and places you visit are safe and free from communicable diseases and nuisances. We also provide many prevention programs and activities, like

immunizations and radon testing to make sure you have opportunities to protect the ones you love.

Public health is defined as the "science and art of preventing disease, prolonging life and promoting health". Your Champaign Health District is committed to providing Champaign County with the best quality programs and services to achieve and exceed this definition. We look forward to serving you in 2011 and beyond!

Message from the Board President

Linda McGuire

This past year has been a full year for the Board of Health and the staff of the district. Planning for pandemic flu continued to be a area that all of the staff were intimately involved in, fortunately the CDC allowed for additional dollars to assist with this endeavor.

The financial condition of the district remains sound thanks to the diligence of the Board of Health and the Health Commissioner. Without sound fiscal management and the thoughtful, purposeful use of the levy dollars that you provide, the services of the health district would be greatly diminished—For your continued support the Board says, "THANK YOU!"

We look forward to a great 2011
And
wish you all a healthy year!



Coroner's Report

Joshua Richards, M.D.

Population of Champaign

County	
City of Urbana	11,613
Outside Urbana	27,277
Total	38,890
 Total Deaths 2010	 277
Total Coroners Investigations	36

Investigated Deaths by Cause:

Natural Causes	18
Sudden Infant Death	1
Accidental:	
Traffic: Single Vehicle*#	1
Multiple Vehicle	1
Drug or Alcohol Overdose+	5
Crash Injury~	1
Suicide:	
Shotgun (self inflicted)	1
Strangulation by Hanging	4
Carbon Monoxide asphyxia	2
Could not be determined:	
Medication Toxicity	2

Autopsies performed in 11 of 36 cases (31%)
Total deaths investigated 36 of 277 deaths in county (13%)

Legend

- *Alcohol involved in death due to motorcycle accident
- +One death due to drug overdose in out-of-county hospital
- #Two additional deaths due to MVA in out-of-county hospitals
- ~Two deaths due to accidental falls (one from horse) in out-of-county hospitals

Vital Statistics

Champaign Health District issued 472 birth certificates and 1,017 death certificates in 2010, for a total of 1,489.

There were 5 home births within the county and 277 deaths.

Beginning in December of 2010 the Champaign Health District staff were able to issue birth certificates for anyone that was born anywhere in the state of Ohio.

District staff assist residents with genealogical research and locating out of county birth and death certificates. Additionally, working closely with funeral directors, DJFS, the Board of Elections to assure voter fraud does not occur, and SSN to assure no duplication of social security numbers. The registrar also works with Law Enforcement during an AMBER alert by notifying law enforcement if a birth certificate is requested.

Death information is shared with the Veteran's

Mary Collier, Registrar

Administration so each serviceman or woman receives an American Flag to mark their final resting place.

Hours are 7:30 AM until 5:00 PM Monday through Friday. Certificates can be requested via the district website or with a credit card via VitalChek™



**Statement of Activities - Modified Cash Basis
For the Year Ended December 31, 2010**

		Program Receipts		Net (Disbursements) Receipts and Changes in Net Assets
		Charges	Operating	
	Cash	for Services	Grants and	Governmental
	Disbursements	and Sales	Contributions	Activities
Governmental Activities				
Environmental Health				
Food Program	81,412.00	72,287.00	0.00	(9,125.00)
Solid Waste	5,267.00	4.00	3,889.00	(1,374.00)
Swimming Pools	3,238.00	3,433.00	0.00	195.00
MHP/ Camps	4,515.00	6,584.00	0.00	2,069.00
Plumbing	21,392.00	26,470.00	0.00	5,078.00
Sewage	40,552.00	42,250.00	0.00	1,698.00
Other Environmental Health	149,378.00	19,592.00	0.00	(129,786.00)
Personal Health Services	68,899.00	21,048.00	0.00	(47,851.00)
Immunizations	14,609.00	30,719.00	0.00	16,110.00
Laboratory	2,734.00	7,491.00	0.00	4,757.00
Grants				
WIC	139,553.00	74.00	174,543.00	35,064.00
Help Me Grow	50,556.00	100.00	49,555.00	(901.00)
IAP	20,913.00	3,960.00	20,356.00	3,403.00
MRC	5,247.00	0.00	5,000.00	(247.00)
Public Health Emergency/Response	248,879.00	1,311.00	241,735.00	(5,833.00)
Vital Statistics	24,324.00	25,880.00	0.00	1,556.00
Child Abuse Prevention	4,730.00	6,736.00	0.00	2,006.00
Administration	190,040.00	757.00	0.00	(189,283.00)
Travel/Training	17,086.00	0.00	0.00	(17,086.00)
Other Health	0.00	8,097.00	0.00	8,097.00
Total Governmental Activities	1,093,324.00	276,793.00	495,078.00	(321,453.00)
		General Receipts		
		Levy		259,592.00
		Subdivisions		168,500.00
		State Subsidy		6,810.00
		Total General Receipts		434,902.00
		Change in Net Assets		113,449.00
		Net Assets Beginning of Year		429,121.00
		Net Assets End of Year		542,570.00

Environmental Health

Jeff Webb, RS, MPH

Public health depends on providing clean water, safe and wholesome food, proper sewage disposal, safe indoor air quality and preventing the harborage of insects and rodents which carry disease. The Environmental Health (EH) Division provides numerous services to the community that assures a safe and healthy environment for its citizens. Each year, we perform hundreds of inspections and consultations with residents and businesses. Many of our programs are mandated by state law and others are simply programs that we provide to help protect the health of our community.

Programs and Statistics

Household Sewage Treatment System & Semi-Public Sewage Disposal Systems

Household Sewage Treatment Systems (HSTS) are relied upon to properly treat and dispose of wastewater in areas that are not accessible to sanitary sewer. The Champaign Health District permits and inspects the installation of new household sewage treatment systems, registers sewage installers and haulers, conducts site evaluations of undeveloped property, and administers an operation and maintenance program for household sewage aeration systems. The following permits and inspections were performed for 2010:

- 64 Sewage permits for new installations.
- 68 Replacement/Alteration inspections
- 23 Site Evaluations
- 48 Placement Evaluations
- 88 Building Protection inspections
- 109 Annual residential aerator inspections

The Champaign Health District inspects all Semipublic Sewage Disposal Systems treating less than 25,000 gallons of wastewater per day in Champaign County for proper operation and maintenance. These systems service small businesses in areas where sanitary sewers are not available. This program is a contractual partnership between the Health District and the Ohio EPA. We currently permit and inspect 108 semipublic sewage disposal systems operating in our jurisdiction to assure that they are operating as designed.

Food

The Champaign Health District Food Protection Program aims to promote healthy people and healthy communities through safe and healthy food operations. The Champaign Health District accomplishes this through education, training and regulation of food operators.

In Champaign County there are 198 licensed operations including restaurants, groceries and mobile food service

operations. The Champaign Health District also inspects vending and temporary food operations. In 2010, the numbers of food inspections are as follows:

- 116 Food Establishment
- 245 Food Service Operation
- 23 Temporary Food Operation
- 14 Vending Operation
- 25 Mobile Food Operation



Schools

The Champaign Health District inspects all of our school buildings and associated grounds within our county to identify health and safety concerns.

Twenty school inspections were performed in 2010.

Plumbing

The Champaign Health District's State Certified Plumbing Inspector insures a safe water supply. The plumbing section provides inspection of both residential and commercial plumbing systems to assure compliance with the Ohio Plumbing Code.

In 2010, 116 residential and commercial plumbing permits were issued.

Water System

The Champaign Health District ensures that citizens have safe and healthy private water systems.

The Champaign Health District's Private Water Well Program prevents communicable disease and illness associated with drinking water from individual private water systems.

The EH Division issues permits for the development of new private water systems and for the alteration of existing systems.

For individual private well systems, the well location is reviewed, and the well installation must meet the Ohio Department of Health Standards for construction. New and replacement individual wells must be tested for water quality (coliform bacteria). Additionally, public health staff answer questions on water quality issues, how to disinfect water systems, protection of well source from surface activities, etc.

Forty-nine well permits were issued in 2010.

Air Quality

Radon is naturally radioactive and decays into radioactive particles that can be inhaled. These particles

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can damage sensitive lung tissue. Radon is a known carcinogen and is recognized as the leading cause of lung cancer. In an effort to protect home owners from the deadly affects of radon, 65 radon kits were given to citizens for testing radon in their homes in 2010.

Animal bite and rabies investigation

The Champaign Health District investigates all reported animal bites within Champaign County to prevent and control the spread of the rabies virus.

Sixty-nine investigations were conducted in 2010, a 22% increase over the previous year.

Solid Waste

The Champaign Health District protects our environment through its Solid and Infectious Waste Program.

The EH Division manages an approved solid waste program for the Ohio EPA. In 2010, the division inspected seven large generators of infectious waste. Large generators are facilities that generate 50 pounds or more a month of infectious waste and must be registered with the Ohio EPA.

Landfills are also inspected. Closed landfills are inspected to prevent groundwater pollution as well as safety issues related to methane gas production. One closed landfill has been referred to the OEPA for eventual cleanup.

Manufactured Home Parks and Camps.

The Health District's Campground and Manufactured Home Park programs prevent disease, safety hazards and unsanitary conditions within these facilities.

Twelve manufactured home parks and three camps were licensed and inspected in 2010. Ninety-eight manufactured home park and camp inspections were performed in 2010.

Nuisance Abatement

In an effort to protect the health of the community, the EH Division responded to a large number of various public health nuisances in 2010. These nuisances included trash, sewage, housing, rodents, open burning, mold, food, and dead animals. In 2010, a minimum of 256 public health nuisances

were investigated.

Solid Waste/Septage Haulers

To prevent nuisance conditions associated with the hauling of solid waste and septage, the EH Division licenses and inspects all haulers in the county. The division, in 2010, inspected 68 solid waste and 29 septage hauler vehicles.

Substandard Housing

The Champaign Health District in accordance with the Housing Maintenance Regulation of the Champaign Health District assures safe and sanitary living conditions for residents of Champaign County.

Eighteen dwellings were condemned as unfit for habitation in 2010. Nine of the Eighteen dwellings were in Urbana in conjunction with the City of Urbana as part of grant for removal of dilapidated housing structures.

Swimming Pools

The swimming pool program assures the safety and health of swimmers. The Champaign Health District's Sanitarians inspect the water quality, maintenance of filtration and circulation equipment, the presence of safety equipment and warning signs, life guarding requirements, recordkeeping and overall facility operation.

Eleven swimming pools were licensed and inspected. Thirty-four pool inspections were made in 2010.

Tattoo/Body Piercing

The Champaign Health District licenses all persons (practitioners) applying tattoos or body piercing(s). The EH Division conducts yearly inspections of facilities for general maintenance and cleanliness, as well as proper sterilization techniques.

Three tattoo establishments were licensed and inspected.



Nursing/Personal Health and Emergency Preparedness

Sheila Pena, RN

IMMUNIZATION CLINICS

Public Health Nurses continued to operate immunization clinics 3 times per week at the Health Department in 2010. Nursing staff once again wrote for and received the Immunization Action Plan grant awarded by the Ohio Department of Health for fourth consecutive year. This grant was for \$11,000 and the goal is to help educate parents and healthcare providers in immunization practices.

Approximately 1,244 clients were seen in CHD Immunizations clinics with a total of 3204 injections given.

Other nursing services available in the clinic include Blood Pressure screenings (339) Lice treatment and screenings (48 individuals), Pregnancy tests (90 females), and general medical education on a variety of topics.

One major goal of the Healthy People 2010 initiative and the Immunization grant is to have 90% of children fully immunized against 14 vaccine preventable diseases by age 2. In 2009 CHD rate of Up to date was 88%. Due to the continued diligence of our immunization staff, our rate as of December 2010 was 91%.

TUBERCULOSIS SCREENING CLINICS

Public Health Nurses also hold TB clinics every week with the test being administered on Tuesday and the clients return on Thursdays for results. A total of 314 persons were screened for TB in 2010. No active cases of TB were identified.

COMMUNICABLE DISEASE INVESTIGATIONS

In 2010, reported cases of communicable disease were highest among STD's with a diagnosis of Chlamydia. One reason for this could be changes to the reporting functionality in other counties in which Champaign County residents are seen. Hepatitis C disease identification is

also noted to be slightly higher which also could be from more aggressive reporting as well. One other increase in diseases identification was with Varicella cases. CHD was notified by several local school nurses of parents reporting on elementary children as having chicken pox although the child received the varicella vaccine. The disease process was much less in severity and time. CHD staff will continue to track and monitor this slight increase during the next year.

CAR SEAT PROGRAM

Through the Ohio Buckles Buckeyes grant we were able to give away 65 child safety seats. The car seat technician not provides the seats but demonstrates and teaches parents correct ways to install and fasten the child so that the child is as safe as possible. We also conducted a safety check as part of the Healthy Kids Day activities in April in collaboration with Activate Champaign and the Champaign County Sheriffs office. It is very rewarding to teach parents how to safely install the car seat to reduce the chance of injury and protect their precious children.

HIV TESTING

Champaign Health District contract's with Clark County Combined Health District for HIV testing two times per month in the county. One time tests are conducted at the Health District facility, the second time testing is held at Urbana University. Immediate results and counseling are given to the clients by a certified HIV counselor

2010 HIV Prevention Activities in Champaign County

- 6 Rapid HIV tests were performed at Champaign
- 3 Rapid HIV tests were performed at Urbana University
- 8 students educated at Urbana University.

187 condoms distributed to on campus students.

200 pamphlets distributed on campus. (HIV Prevention & Testing Information)

BUREAU FOR CHILDREN WITH MEDICAL HANDICAPS

BCMh nurses coordinate and manage diagnostic and treatment services for children with suspected or identified special health care needs. Patients in the BCMh program year ending consist of 15 children in the Diagnostic program, 84 children in the Treatment program and 7 children in the Service Coordination program. A Public Health Nurse visited 89 children in their homes this past year.

DIABETES EDUCATION

The Diabetes Education program continues to be needed in the community as Champaign County has a rate of 7% Diabetics within the county. This percent is one of the highest in the State of Ohio. Through monthly 2 day educational classes taught by RN's and Dieticians, newly diagnosed patients are able to learn the basics in managing their disease to help prevent complications. We were able to educate 100 patients in the classroom setting for general diabetes education, blood glucose meter distribution, insulin injection education or other diabetes related educations and screening materials. Approximately 339 people were screened for elevated blood sugars in the clinic during the year. The annual Diabetes Expo was held in March in collaboration with Mercy Memorial Hospital and the Clark-Champaign Diabetes association. Approximately 150 people were in attendance with over 20 Diabetic vendors available for education and free diabetic material distribution.

CHD staff also participated in a joint

Diabetes Education effort with the Champaign Family YMCA. This 10 week session targeted at risk for or diagnosed Diabetics, to weekly education classes on Diabetes as well as permission for free access to the Y services during the sessions. Upon completion of at least 9 of 10 class's participants received a free 6 month membership for the YMCA. Two separate sessions were held with the allotted grant money given to the YMCA in 2010. Each class had approximately 20 participants and was monitored afterwards at the 3 and 6 month intervals. CHD staff will continue to collaborate with the YMCA for more classes in early 2011.

Women Infant Children

WIC is a nutrition education and supplemental food program for infants, children up to age 5, and women who are pregnant, just had a baby, or breastfeeding. WIC had seen an average caseload of 300 participants per month in 2010. CHD WIC started a Breastfeeding Peer Helper program as mandated by the State WIC Department in fall of 2010. WIC Breastfeeding Peer Helpers are moms who are experienced at breastfeeding. They are trained to provide counseling to encourage more women to breastfeed and to help solve breastfeeding concerns for breastfeeding mothers. The goal is to increase the number of babies who are initially breastfed and to increase the duration of breastfeeding to at least 12 months. Currently 43% of WIC parents choose to initiate breast feeding but only 15% continue to breastfeed at the 6 month check up. CHD WIC has hired 2 part-time peer helpers who have consulted with 168 parents in regards to making breastfeeding a choice in their parenting experience during last quarter of 2010.

HMG Help Me Grow Home Visiting: Help Me Grow is a voluntary program for Ohio's expectant parents,



newborns, infants and toddlers up to age 3 (Three). It provides health and developmental services so that children may start school healthy and ready to learn. Home visits are provided by a Service Coordinator or Home Visitor PHN to assist families with their child's growth and development, up to date health information, family goal setting, links to community resources, parenting, and support information. Due to funding cuts at the State level and numerous changes to the program with the phasing out of the Home Visitor piece of the program, CHD decided to sever the contract for this program with the Child and Family First council in December 2010. The PHN working in this program transitioned into the general nursing clinic to fulfill a vacancy left by the former PHN.

Community Education

CHD participated with two new endeavors partnering with other local agencies. In April and September a Drug Take Back or Medicine Cabinet Makeover's were held on the parking lot of the Community Center building. In collaboration with Seniors helping Seniors, the Medicine Shoppe Urbana, and the Champaign County Sheriff's office, local residents were encouraged to drop off unused prescription medications to be disposed of properly. Many residents took advantage of the event and plans are to make it an annual occurrence. This event also is encouraged on the National level as well.

EMERGENCY PREPAREDNESS

The Emergency Preparedness program is funded by a Public Health Emergency Preparedness Grant. CHD is required to meet federal guidelines to be eligible for this funding. In November 2010 a survey was conducted by the Ohio Department of Health to evaluate planning at the CHD. This evaluation helps to identify gaps in preparedness plans and helps to strategize as to what steps to take

next to continue meeting program requirements. CHD was found to be in compliance .

Emergency Preparedness was the theme for 2010 Champaign County Fair booth for CHD. We partnered with the Champaign County EMA, CERT, MRC, and ARES to promote and educate Champaign county residents on how and what they can do to prepare themselves for a natural or manmade disaster.

Medical Reserve Corps (MRC) is a volunteer organization housed within the CHD.

The MRC Unit is funded by a Capacity Building Award through NACCHO. Each year an Assessment is conducted and guidelines are set in order to receive \$5000.00 budgeted for the community.

The MRC is not only for licensed Medical volunteers, but also Non-Medical volunteers. The MRC Unit consists of 39 Medical and 50 Non-medical volunteers. The MRC volunteers have been an outstanding help in all of our seasonal and H1N1 clinics held in 2010. Our Flu clinics could not have been as successful if not for the number of willing volunteers to help, as our department only has a total of 19 employees. The activity for the MRC Unit in 2010 consisted of participation in our Seasonal Flu Clinics, Drug Take Back Day, assistance with our WIC program and the 2010 Champaign County Fair booth. In June 2010, a Volunteer Appreciation Dinner was held to recognize the number of volunteers who have committed to many hours of helping us achieve all the public health initiatives CHD is involved with.



MISSION STATEMENT: The Mission of the Champaign Health District is to prevent illness and to protect the community by promoting healthful living practices and assuring public health needs are met by a skilled and prepared workforce.

The Champaign Health District (CHD) is established to exercise the rights, privileges, and responsibilities conveyed to it by the constitution and laws of the State of Ohio. A five member Board of Health that appoints a Health Commissioner as its Executive Officer to direct the District. The District's services include communicable disease investigations, immunization clinics, inspections, public health nursing services, and the issuance of health-related licenses and permits. The District also acts upon various complaints made by the public concerning the health and welfare of the county. The district serves approximately 39,000 residents in Champaign County. The CHD was formed in 1947 when the Champaign County Health Department and the Urbana City Health Department combined.

The agency presently employs twenty staff in the following three divisions: Administration, Nursing, and Environmental Health. The agency is a known leader in the community in providing progressive direction to improve the quality of life for its citizens. The challenge for all Health Districts is to provide high quality preventive health services to the public while staying within the restrictions imposed by limited, and in some cases shrinking funding. The current budget of the health district is slightly over one million dollars. Primary sources of funding for CHD include inside millage, grants, state and local support, licenses, permits, fees, and a 4/10 mil levy that increased the funding of the district by approximately \$264,000 in 2009 running through 2012.



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