# WARREN COUNTY COMBINED HEALTH DISTRICT 2012 ANNUAL REPORT



416 South East St. Lebanon, Ohio 45036 333 Conover Dr., Suite B Franklin, Ohio 45005

Good Health - Clean Environment

#### INTRODUCTION

The Warren County Combined Health District is devoted to the Prevention of disease and injury, the Promotion of wellness and healthy living, and the Protection of the public from communicable disease and health threats.

The Warren County Combined Health District touches the lives of every Warren County resident by:

- Inspecting restaurants and groceries to assure food is safe and to educate operators on food safety.
- Protecting the community from the spread of infectious and communicable diseases.
- Assuring safe private water wells and home sewage treatment systems.
- Providing immunizations for all ages to prevent illness.
- Inspecting public pools, schools, camps and manufactured home parks.
- Making home visits to address concerns about family health and public health nuisances.
- Providing certified birth and death certificates.

In 2012, WCCHD began the process of implementing an Electronic Medical Record system. We evaluated a number of EMR to determine which would best serve the needs of our clients. Ultimately we selected e-MD. We have begun the build out of our network and starting training. The system will be fully implemented in the spring of 2013.

We also began working with the Ohio Department of Health as they develop a statewide environmental health inspection program. This program will allow us to do more inspections on our computers. Ultimately it will allow anyone to search a state database for inspection results. The state plans to roll this out in the summer of 2013.

Don't forget to visit our improved website <a href="www.wcchd.com">www.wcchd.com</a> to get up to date information regarding the health department. Please visit our site and let us know what you think and how we can improve it.

# WARREN COUNTY BOARD OF HEALTH

The Board of Health is composed of nine members: four appointed by contracting cities, four elected by the District Advisory Council to serve a four year term each, and one appointed from the Warren County Licensing Council to serve a two year term.

#### 2012- Board of Health Members:

Adam S. McClanahan	Lebanon Appt. Mason Appt.
District Advisory Counc	cil Appointees
Stephen A. Barr, PhD, Vice Pres	
John P. Wade	
George Long	
Patricia C. Simpson, M.D	term expires 2016
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Licensing Council A	Appointee
Bob Russell.	term expired, Sept. 2012
Bobbie Wolfe (began Oct. 2012)	
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# 2012 DISTRICT ADVISORY COUNCIL TRUSTEES

Clearcreek Township	Ed Wade (Chairman)
Deerfield Township	Dan Corey
Franklin Township	Beth Callahan
Hamilton Township	Becky Ehling
Harlan Township	Marcus Shelton
Massie Township	Susan Huddleson
Salem Township	
Turtlecreek Township	
Union Township	
Washington Township	
Wayne Township	
MAYORS – Villages	
Butlerville	
Corwin	
Harveysburg	
Maineville	
Morrow	
Pleasant Plain	
South Lebanon	
Waynesville	
Carlisle	Randy Winkler
Franklin	
Lebanon	
Mason	
Springboro	
County Commissioner President	Dave Young

#### **CLINICAL SERVICES**

The Warren County Combined Health District's clinical services continue to change and expand along with the growing changes in our community. The unemployment rate of Warren County definitely impacts the number of clients we are seeing yearly.

The **Prenatal Clinic** offers total obstetrical care for clients at the Lebanon office with delivery at Bethesda North Hospital of TriHealth. The staff consists of OB/GYN physicians (from Bethesda North), R.N.s., a licensed dietician, case worker, and a secretary. Early and consistent prenatal care is encouraged to help ensure the health and well being of both mother and child. Clients who start prenatal care early and keep all their appointments receive a free car seat (with car seat education, if needed. In addition, the prenatal staff has placed greater emphasis on counseling and referral of clients with specific social problems and on counseling clients on daily health, nutrition, and smoking patterns. Caseworkers assist clients in applying for Medicaid when applicable.

The **Child Health Clinic** in both the Lebanon and Franklin offices provides comprehensive routine exams, school and work physicals and acute care for children from birth to 21 years of age. These exams include screenings and lab work if necessary. The staff consists of a physician, R.N.s, a secretary, case worker, and licensed dietician. Because early identification of problems can decrease the likelihood of life long disabilities, referrals to other agencies, such as Help Me Grow, BCMH, etc., are made if necessary. Also, caseworkers assist clients in applying for Medicaid, when applicable.

The Adult Care Clinic in both the Lebanon and Franklin offices provides basic physician services and work physicals for clients from 21 years of age to 65 years of age who reside in Warren County. This clinic was developed to provide health care and referral services to uninsured clients or clients with Medicaid. The staff consists of a physician, R.N.s, a secretary, case worker, and a licensed dietician. The case worker helps clients apply for free medications through the patient assistance program of the pharmaceutical companies.

The **Sexually Transmitted Infection Clinic** at the Lebanon office is offered to both men and women. All STI testing and treatment is confidential and is free of charge. The Health Department also offers **HIV/AIDS** testing and education through this clinic.

The **Prevent Blindness Clinic** in the Lebanon office provides free vision exams, at local Optometrists, for low income residents. The exams are provided through State funding.

The Reproductive Health Clinic at the Lebanon office provides reliable methods of contraception to enable women to plan their pregnancies. This clinic provides pregnancy testing and complete gynecologic physical exams for clients desiring contraception. Reproductive Health services are also provided to males in this clinic. The staff consists of a physician, registered nurses, secretary, case worker and a licensed dietician. The clinic coordinator has implemented preconception education and counseling programs for prepubescent and pubescent children for many schools and other public organizations. This clinic is a provider for the Ohio Department of Health Breast and Cervical Cancer Screening Project in our Lebanon office. Caseworkers assist clients in applying for Medicaid, when applicable.

The main goal of the **TB Chest Clinic** is to eradicate tuberculosis in Warren County through early diagnosis and treatment. Mantoux skin testing and chest x-rays, when required, are available at a minimal charge to Warren County residents. Treatment for tuberculosis and preventive therapy (INH) are also offered by the Warren County Combined Health District at the Lebanon office.

The **Overseas Travel Clinic** provides immunizations and education necessary to travel safely to/from other countries. This service is provided in the Lebanon office.

The **BCMH** (Bureau for Children's Medical Handicaps) program of WCCHD provides case management and service coordination fr Warren Co9unty families with the children under the age of 21 years who have or potentially have special health care needs. The health department has one BCMH nurse for Warren County.

In addition, the Warren County Combined Health District offers **nutritional counseling**, **social services and blood pressure checks** to all clinic clients and residents of Warren County. **Free weight management classes** for all ages are held every Monday, 4:00-6:00 pm, in the Lebanon office.

The health department also provides Spanish interpretation services for clients, if necessary.

# Clinic/Service # Visits

TB Clinic ...... 3

HIV/AIDS Clinic	
Prenatal Clinic	915
Child Health Clinic	
Family Planning Clinic	1186
Adult Care Clinic	2075
Nutrition Counseling	1548
Social Worker Counseling	
Women's Health Clinic	21
Overseas Travel Clinic	329
Prevent Blindness Clinic	207
Screening Tests	# Performed
Pregnancy Tests	
TB Skin Tests	
TB Chest X-rays	
HIV Testing	
Pap Smears thru ODH	8

#### HOME HEALTH NURSING/AIDE CARE

Warren County Combined Health District's home health staff is dedicated to serving homebound clients in Warren County. This staff consists of a home health aide (HHA) and an R.N. that makes HHA supervisory visits to the client's home. The purpose of this care is to enable the patient to remain in the home while enjoying the highest possible level of health.

The home health aide component of the Home Health Program continues to provide personal care assistance for the homebound client. This service is beneficial to the residents because it allows the client to remain in their own home and maintain independent living versus moving from their home and staying in dependent living quarters.

Home bound residents are also provided yearly seasonal flu vaccinations in their home by health department nurses.

Home Visit Programs	# Visits
Public & Home Health Nurse	32
Home Health Aide	816
BCMH (Bureau for Children with Medical Handicaps)	22

# **COMMUNICABLE DISEASE REPORTING**

Communicable disease surveillance and investigation is a vital part of protecting the health and well-being of the citizens of Warren County. These surveillance and investigation activities are largely dependent on prompt disease reporting from many reporting sources. As required by law, physicians, hospitals, labs and healthcare providers must report certain communicable diseases to the health district. Communicable disease reports received by the Warren County Combined Health District are investigated and documented according to state guidelines. All reports received are kept confidential according to HIPAA requirements.

Communicable Diseases	No. Reported
Campylobacteriosis	
Coccidioidomycosis	
Cryptosporidiosis	6
E coli-enterohemorrhagic O157:H7	4
E coli-enterohemorrhagic Unknown Serotype	1
Giardiasis	11
Haemophilus Influenzae (invasive disease)	6
Hepatitis B (including delta) – acute	
Hepatitis B (including delta) - chronic	39
Heptatitis C – acute	3
Hepatitiis C – chronic	197
Influenza A Novel Virus	1
Influenza Associated Hospitalization	15
Leptospirosis	1
Lyme Disease	8
Meningitis – aseptic/viral	
Meningitis – other bacterial	3
Meningococcal Disease	
Mycobacterial Disease (other than Tuberculosis)	23
Pertussis	
Rocky Mountain Spotted Fever	
Salmonellosis	25
Shigellosis	
Streptococcal – Group A – invasive	
Streptococcal – Group B, in Newborn	
Streptococcal Toxic Shock Syndrome	1
Streptococcus Pneumoniae-	
(invasive antibiotic resistance unknown or non-res	istant)16
Streptococcus Pneumoniae-	
(invasive antibiotic resistance/intermediate)	3
Toxic Shock Syndrome	
Varicella	
West Nile Virus	2

Please refer to ODH Website for Continually Updated Numbers Including HIV Diagnosis www.odh.ohio.gov

# **IMMUNIZATION PROGRAM**

The immunization program continues to be an important focus of the Warren County Combined Health District. Timely immunization of our children leads to the decline of communicable illnesses such as measles, mumps, rubella, diphtheria, polio, tetanus, pertussis, haemophilus influenza, hepatitis B, hepatitis A, meningitis, rotavirus, etc. Every year the health department experiences many changes that occur within the immunization schedules. New immunizations and new combinations of immunizations are added, while other immunizations are deleted. To meet the immunization needs of the county, we offer a weekly walk-in childhood immunization clinic on Tuesday's 8:00-11:00 a.m. in the Lebanon office, as well as daily appointments.

In addition to the many flu vaccination clinics provided at the Warren County Combined Health District, the nursing staff traveled to various Warren County businesses to provide the flu vaccination to as many residents as possible. This year, the health department began giving the flu vaccinations in September.

The Out-of-Country-Traveling Immunization Program was added in 1999. This program has grown tremendously and continues to provide immunizations to Warren County residents who are traveling out of the United States. This service is also available to people who are not residents of Warren County, at an added cost.

Warren County Combined Health District also offers public health vaccines such as Hepatitis A/B, Pre-Exposure Rabies, Pneumococcal, Meningococcal and Varicella vaccinations.

Immunizations	No. Given
Immunizations	6,869
Flu Vaccine	2,487
Hepatitis B Vaccine	286
Immunizations for Overseas Travel	

#### **WIC PROGRAM**

WIC,-The Special Supplemental Nutrition Program for Women, Infants and Children is intended to reach income-eligible pregnant, postpartum and breastfeeding women, infants and children up to five years of age with a health or nutrition risk. WIC services are set up to address WIC's most important goal: prevention of nutrition-related health problems. WIC provides: 1) Nutrition education and supplemental foods supplying key nutrients; 2) Health screenings and assessments; 3) Breastfeeding education and support; and 4) Referral to prenatal and pediatric health care and other maternal and child health care and human service programs. All of these services help to improve overall health during the most critical growth and developmental years in a child's life – conception to age five. By preventing health problems early in life, WIC helps save health care dollars later.

The WIC program celebrated its 39<sup>th</sup> birthday on January 15<sup>th</sup>, 2012. In 2012, the Warren County WIC Program maintained an average of 1,561 clients per month. Warren County has been on the retail system for fifteen years now with 20 vendors. The quarterly redemption rate for Warren County is \$413,699.00 in coupon sales. Local WIC projects continue to issue the new food packages that began in October 2009. The new food packages added fruits, vegetables, whole grains, lower fat milk for adults and children two years of age and older and baby food fruits and vegetables, instead of juice for infants. The new food coupons consist of milk, juice, cereal, peanut butter, dried or canned beans, whole grains, fruits, vegetables, infant formula, infant cereal and baby food fruits and vegetables. Our Breastfeeding Peer Helper Program, which started in October 2010, continues to offer breastfeeding support and grow steadily in numbers.

#### ENVIRONMENTAL HEALTH

The Environmental Health Division works to protect the environment, prevent disease, and protect the health of the community through the enforcement of local and state rules and regulations along with providing consultations regarding environmental health programs and activities. Our public health environmentalists conduct routine inspections of licensed establishments, investigate public health nuisance complaints, and provide education on environmental issues affecting Warren County. The inspections and consultations illustrate the many activities by the staff in 2012. This past year also included revisions to the Warren County Sewage Treatment System Regulation which became effective July 2012 and minor changes to the Ohio Uniform Food Safety Code effective January 1, 2013.

The Warren County Sewage System Treatment Regulation revisions were written to be more user friendly and understandable. Also, the installation requirements for new and altered sewage treatment systems were revised. Late in 2012, the Ohio Department of Health introduced statewide sewage treatment system regulations which would be enforced statewide, however still administered and conducted at the local level. These rules are not anticipated to be adopted and in place until the end of 2013.

The most significant change in the food safety rules and regulations involved the safe handling of cut leafy greens and other food. This was in response to several nationwide outbreaks involving pre-packaged salad/greens.

In 2012, the environmental health staff continued to inspect all public swimming pools and spas in Warren County at least once a month. As an improvement to the inspection process routine inspections, for the first time, were conducted electronically by the sanitarians on their laptops in the field and then emailed to either the respective pool management company or operator. This procedure provided better overall inspection efficiency.

In the fall, the Ohio Department of Health began developing a statewide electronic inspection program for the environmental health mandated programs. All health districts within Ohio will be able to utilize the same system to issue licenses and conduct inspections. The first three programs to be implemented include food safety, public swimming pools/spas, and camps. The Warren County Environmental Health staff is scheduled to be a pilot site for the new system in 2013.

For information concerning any of the environmental health programs or to obtain copies of regulations and forms utilized in the various programs visit our website at <a href="https://www.wechd.com">www.wechd.com</a>.

#### 2012 Environmental Health Activities

Program	<u>Total</u>
Food Safety	1117
Food Service Operation Licenses Issued	
Food Service Operation Inspections	
Food Service Operation Consultations	
Retail Food Establishment Licenses Issued	
Retail Food Establishment Inspections	
Retail Food Establishment Consultations	
Mobile/Seasonal Food Operation Inspections	
Temporary Food Service Operation Inspections	
Vending Location Licenses Issued	82
Vending Machine Location Inspections	23
Nuisance Complaints	
Housing Inspections/Consultations	543/348
Bed Bug Complaint Investigations/Consultations	
Nuisance Complaints (General) Inspections/Consultations	
Nuisance Complaints (Refuse) Inspections/Consultations	652/144
Private Sewage Treatment Systems and Water Systems	
Sewage Treatment System Permits Issued	129
Private Sewage Treatment System Insp/Cons	. 7053/1554
Private Water System Permits Issued	25
Water Hauler Permits	12
Private Water Systems Inspections/Consultations	374/460
Septage Inspections/Consultations	3/28
Water Samples Collected and Analyzed	
Recreational	
Camp Licenses Issued	29
Campground Inspections/Consultations	
Resident/Day Camps Inspections/Consultations	
Public Swimming Pool and Spa Licenses Issued	
Public Swimming Pool and Spa Inspections/Consultations	
Rabies	
Animal Bite Inspections	425
Animal Bite Consultations	
Rabies Specimens Submitted (all negative)	
Other Programs	
School Inspections/Consultations	125/17
Manufactured Home Park Licenses Issued	11
Manufactured Home Park Inspections/Consultations	
Smoke-Free Workplace Compliance Investigations	
Tattoo/Body Piercing Establishment Licenses Issued	
Tattoo/Body Piercing Establishment Inspections/Consultations	
Mosquito/Vector Control Inspections/Consultations	51/21
Correctional/Jail Institution Inspections	
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#### PLUMBING INSPECTION SERVICE

The Plumbing Inspection Department of the Warren County Combined Health District is responsible for ensuring proper installation of plumbing throughout all of Warren County in accordance with Chapter 4101:2-56-69 of the Ohio Administrative Code, also known as the Ohio Plumbing Code, and local regulations. The inspectors conduct inspections for bathroom and kitchen remodeling (when fixtures are added or moved) water heater replacement, water softeners, new single and multi-family residential, and all commercial plumbing installations. They also review plumbing plans for compliance with the Ohio Plumbing Code and if approved, issue permits. This department also performs inspections of water line installations from the meter pit into the house or building within the City of Mason.

In 2012, 325 plumbing contractors registered with the Warren County Health Department along with 204 installers to do plumbing work. Also during 2012, over 1900 permits were issued, 4689 inspections were made. Over 3200 consultations took place to assist contractors and homeowners.

The Plumbing Inspection Division also administers a water backflow prevention program, which involves making sure building owners have their required backflow prevention device tested annually (as required by the Ohio Plumbing Code) to assure it is working properly to protect the public's drinking water.

#### **HEALTH EDUACATION**

Health education activities are an essential part of the health department's mission to improve the health of the residents of Warren County. The health educator continues to work with local agencies, community partners, and residents to help enhance the health of our community.

In 2012, the health educator coordinated and supported the efforts of the Warren County Combined Health District by providing educational information at health/safety fairs, creating brochures, media releases, and flyers for the health department, publishing the Warren County Combined Health Districts monthly newsletter, providing CPR and other training for health department staff and delivering health education presentations to community groups and schools. The health educator also provided support to the bioterrorism program and the Warren County Unit of the Medical Reserve Corps volunteer group, as well as assisted individuals in finding affordable dental and healthcare services. In partnership with the Ohio Department of Health/SIDS Network of Ohio program, the health educator provided agency referrals and support to families who have experienced the unexpected loss of an infant. In addition to these activities, the health educator was also a member of the Warren County Safe Communities Coalition.

#### EMERGENCY PREPAREDNESS AND RESPONSE

One of the primary roles of the Warren County Combined Health District is to provide a well prepared and effective response to any and all public health emergencies. Whether the scenario is a naturally occurring pandemic flu, like the world saw with Influenza A (H1N1) in 2009, or an act of bioterrorism, we are continually preparing and modifying our emergency response plans to be fully capable of addressing the needs of the growing population in Warren County. This is accomplished by regularly testing emergency response capabilities through local and regional exercises and training health department staff on various components of emergency preparedness and response.

In 2012, the health department made great strides in improving existing plans and strengthening relationships with our local and regional partners. Throughout the year, the Emergency Preparedness and Response Coordinator worked on a complete revision and update of the Warren County Combined Health District Mass Dispensing Plan. This plan outlines multiple aspects of Warren County's procedures to provide medical countermeasures to the public in the event of an acute public health emergency. As required by the Cities Readiness Initiative grant, the Ohio Department of Health conducted an annual Technical Assistance Review of the Warren County Combined Health District in May of 2012, which measured the capacity of our jurisdiction to receive and distribute Strategic National Stockpile medical assets in the event of a public health emergency. Warren County received a score of 84, which was up 9 points from the previous assessment score in 2011.

# **VITAL STATISTICS 2012**

852 deaths and 7 births were reported and filed as having occurred in Warren County in 2012 (compared to 801 deaths and 12 births in 2011). Births and deaths are recorded in the county in which they occur, regardless of residence. 3,792 certified copies of death certificates, and 1,792 certified copies of birth certificates were issued, along with 279 burial permits, and 57 affidavits for birth and death certificates. Also, 4 certificates of service and 74 supplementary certificates were recorded. In January 2011, the health department began issuing birth abstracts to anyone born in Ohio which is very convenient for residents of Warren County.

#### **CAUSES OF DEATH IN THE COUNTY FOR 2012**

Accident – Drug Intoxication24	Emphysema1	Natural Causes (Age)2
Accident – Vehicular19	Encephalopathy2	Osteomyelitis 1
Alzheimer's27	End State Debility4	Parkinson's disease7
ALS 1	Essential Thrombacytosis1	Pending 6
Aneurysm 1	Failure to Thrive32	Peritonitis1
Arrythmia8	Gastrointestinal Hemorrhage3	Pneumonia 40
Aspiration9	Heart Disease198	Positional Asphyxia1
Asthma 2	Hemorhage1	Progressive Supranuclear Palsy1
Azotemia 4	Homicide1	Pulmonary Disease5
Brain Tumor1	Hypovolemic Shock1	Renal Failure23
Cancer157	Hypoxia6	Respiratory Failure50
Cardiac Tamponade1	Hypoxemia1	Sepsis9
Cerebral Disorders15	Intestinal Volvulus1	Stroke 4
Cervical Spinal Stenosis1	Intracerebral Hemorrhage1	Subdural Hematoma1
Choking 1	Kidney Disease3	Sudden Death8
COPD28	Liver Disease5	Suicide28
Dehydration4	Lou Gehrig's disease1	Trysomy1
Dementia74	Lung Disease6	Undetermined 1
Diabetes 3	Malnutrition1	Urinary Tract Infection4
Diverticulitis2	Mutiple Sclerosis1	Urosepsis1
Drowning5	Myelodysplastic Syndrome2	

# **2012 FINANCES**

FUNDS AVAILABLE		EXPENSES AND ENDING FUND BALANCES	
Amount	Percent of	Amount	Percent of
Available	Total Funds	Expended	Total Funds
Funds Balances, December 31, 2011		Salaries	36.25%
		Fringe Benefits	14.35%
General Health Fund\$1.888.982.92	24.94%	Supplies	1.97%
Food Service Fund	1.25%	Contracts & Repairs – Equipment	0.15%
Grants Fund	4.31%	Equipment	0.23%
Trailer Park Fund	0.12%	Utilities/Rent	1.18%
Water System Fund	0.04%	Travel	0.58%
Swimming Pool Fund	0.72%	Miscellaneous Expenses	0.29%
Sewage	0.53%	Advertising & Printing	0.08%
g		Lab & X-ray Service	0.05%
Total Funds Balances		Fees Paid to State of Ohio	1.75%
Dec. 31, 20112,416,363.49	31.91%	Auto, General, Liability Insurance	0.56%
, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		County Auditor/Treasurer Fees	0.28%
		Contractual Services	2.22%
		Total Expenses \$4,538,987.04	59.94%
TOTAL DEPOSITS			
		FUNDS BALANCES December 31, 2012	
Permits, Landfill, Water System \$ 808,822.16	10.68%	General Health Fund	
Vital Statistics	1.64%	Food Service Fund	
Fees – Environmental Service	0.58%	Grants Fund	
Fees – Nursing Service	7.24%	Trailer Park Fund	
Ohio State Subsidy	0.57%	Camp Ground Fund	0.07%
Warren County Health Tax Levy 2,873,111.90	37.94%	Water System Fund	
Township, Village & Cities Distribution 175,000.00	2.31%	Swimming Pool Fund	0.89%
Miscellaneous Income	1.18%	Sewage	0.84%
Grant Awards – Federal and State 450,662.33	5.95%		
		Total Funds Balances	
		December 31, 2012 \$3,033,759.56	40.06%
Total Revenue Deposited\$5,156,383.11	68.09%		
		TOTAL EXPENSES AND	
TOTAL FUND AVAILABLE\$7,572,746.60	100.00%	ENDING BALANCES \$7,572,746.60	100.00%