

# Trumbull County Health Department



**2011**  
***Annual***  
***Report***



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# HEALTH COMMISSIONER REPORT 2011

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How has tuberculosis been managed in Trumbull County? As you may already know, each county is required by law to have a Tuberculosis Control Program or Unit. In the past the Trumbull County Commissioners have contracted with one of the local hospital systems to provide those services to our constituents. Last year that hospital system decided to stop providing that service. The Trumbull County Health Department was asked by the County Commissioners to consider taking on that role.

In spite of having very little knowledge of the costs involved with the operation of a program such as this, we agreed to attempt to take it on. Within a matter of weeks, the nursing division had gathered an extensive amount of information from the previous provider and had created a complete set of plans to have the unit operational by October 1, 2011, in our health department.

The exam room had to be modified to allow the exhaust of impure air (called negative pressure). Charting systems and x-ray and lab facilities had to be arranged for as well. The plan required a physician, nursing and clinic support staff, as well as facilities to procure and distribute the medications necessary to treat our TB patients.

Of course we expected to encounter start up costs initially, and we did. Trips to Columbus for meetings, training, policy and administrative discussions, the contracting for services from various vendors, budget meetings and media coverage were all necessary. The Health Department worked with the County Commissioners to share these initial expenses. Since the start up occurred, we have been monitoring the clinical, as well as the financial aspects of the program and are pleased with the progress made thus far.

The program's physician staff includes me, as well as a board certified infectious disease specialist, Anthony Cutrona, M.D. We have also engaged the services of a local laboratory, a local x-ray facility and a local pharmacy.

We have already had several interesting clients. An individual settling here from Greece, a child from an international adoption who was coming to live here, and several others requiring medication for TB have been seen.

We are pleased to be able to provide this type of service to the residents of Trumbull County, and we are proud to add this service to the growing list of services the Trumbull County General Health District offers our residents.

You can read more about this and our other services in this year's annual report, and also on our website — [www.tcbh.org](http://www.tcbh.org)

Thank you.

James J. Enyeart, M.D.

*Mission Statement*

As the foundation of public health, the dedicated staff of the Trumbull County General Health District shall be leaders in providing a county inoculated against communicable diseases, educated to the methods necessary to improve the health of all and free of environmental hazards.

*Mission Statement*

The mission of the Trumbull County General Health District is to promote and protect the health of the public by means of education, regulation, enforcement and preventive health services provided through:

- Nursing
- Environmental Health
- Health Promotion

We will treat the public with dignity and respect, recognizing cultural diversity and individual needs through our programs and services.

*Core Values*

Excellence  
Professionalism  
Leadership  
Integrity  
Respect for all  
Recognition of Cultural Diversity

## 2011 TRUMBULL COUNTY BOARD OF HEALTH

<u>Name</u>	<u>Address</u>	<u>Term Expires</u>
Robert Biery, Jr.	1750 Braceville Robinson Rd., Southington	March 2012
Denise Allen	3688 Nelson Mosier Rd., Leavittsburg	March 2013
William Hagood	99 S. Outer Dr., Vienna	March 2014
Dr. Pat DiTommaso	6265 Sodom Hutchings Rd., Liberty	March 2015
Dale Appis	1000 S. Park Dr., Brookfield	March 2016

## 2011 TRUMBULL COUNTY DISTRICT ADVISORY COUNCIL

Fred Hanley	Chairman
Walt Emrick	Vice Chairman
Rebecca Whitman	Secretary

## 2011 TRUMBULL COUNTY HEALTH LICENSING COUNCIL

<u>Name &amp; License Group Representation</u>	<u>Address</u>	<u>Term Expires</u>
Robert Biery, Jr. Retail Food Establishments	1750 Braceville Robinson Rd., Southington	March 2012
Tim Page Construction & Demolition Debris	Lordstown Construction Recovery 6205 Newton Falls-Bailey Rd., S.W., Warren	March 2012
Thomas O. Shepker Solid Waste Landfill	WCI Steel, Inc. 1040 Pine Ave., S.E., Warren	March 2012
Kathy Difford Food Service Operations	9637 St. Rt. 534 North, Mesopotamia	March 2015
Robert A. Rieke Recreational Parks/Camps	3959 St. Rt. 305, Southington	March 2015
William Hagood Manufactured Home Parks	99 S. Outer Dr., Vienna	March 2016
Dale Appis Swimming Pools	1000 S. Park Dr., Brookfield	March 2016

# TRUMBULL COUNTY HEALTH DEPARTMENT PERSONNEL—2011

**Sharon Bednar**, Secretary

**Johnna Ben**, Administrative Secretary

**Nichole Brink**, Family Service Educator

**Kristyn Bugnone**, Family Service Educator

**Jan Chickering**, Medical Assistant

**Bev Cope**, Medical Assistant

**Richard Curl, R.S.**, Public Health Sanitarian

**Daniel Dean**, Network Computer Systems/ Data Coordinator-Fiscal Officer

**James Enyeart, M.D.**, Health Commissioner

**Trudy Seymour-Evans**, Project Director  
*(Resigned 6/2011)*

**Jennifer Francis**, Family Service Educator

**Kevin Francis, R.S.**, Public Health Sanitarian

**Kenya Murray Franklin**, Family Service Coordinator

**Tara Gerlick**, Family Service Educator

**Greg Hall, R.S.**, Public Health Sanitarian

**Rodney Hedge, R.S.**, Public Health Sanitarian

**Jennifer Jornigan**, Family Service Educator

**Steven R. Kramer, R.S.**, Public Health Sanitarian

**Catherine Lavernuick**, Family Service Educator

**Natalie Markusic, R.S.**, Public Health Sanitarian

**Frank Migliozi, R.S.**, Director of Environmental Health

**Mel Milliron, C.H.E.S.**, Health Educator/Planner

**Deborah Mokosh, R.N.**, Director of Nursing

**Andrea Neuman**, Family Service Educator

**Robert O'Connell, C.P.I.**, Plumbing Inspector

**Sharon O'Donnell**, Secretary

**Julia Paolone**, Secretary

**Joseph Pink, R.S.**, Public Health Sanitarian  
*(Retired 10/2011)*

**Judith Roman, R.N.**, Clinic Coordinator  
*(Retired 6/2011)*

**Lucinda Sentner, R.N.**, Public Health Nurse

**Elizabeth Shelar**, Family Service Educator

**Dianne Simon, R.S.**, Public Health Sanitarian

**Randee Shoenberger, R.N.**, Public Health Nurse

**Rita Spahlinger, R.N.**, Public Health Nurse

**Lisa Spelich**, Food Protection Secretary

**Sandra Swann, B.S.N., R.N.**, Public Health Nurse; Epidemiologist

**Kris Wilster, R.S.**, Public Health Sanitarian

## Contact Us:

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# Financial

The Trumbull County Health Department is pleased to submit their 2011 Annual Report to the Trumbull County Health District Advisory Council.

Upon reviewing this report, we hope that you will see that your Health Department continues to provide services to accommodate the health-related needs of the county.

Contained within this report is a synopsis of a few of our many programs.

The Health Department receives funding through various grants, fees, state subsidy and inside millage of .15. You will note that there is a new funding category for Tuberculosis (TB). Late in 2011, the health department, through a contract with the Trumbull County Commissioners, became the

Tuberculosis Control Unit for Trumbull County.

The breakdown below for the Health Department's income and expenses for year 2011 is based upon figures reported to the Ohio Department of Health for the Annual Financial Report of Local Health Departments for Calendar Year 2011.

<u>2011 - Total Funds Available</u>	
	<b>\$5,222,975.55</b>
**2010 Carry Over Balance	\$715,695.03
Local Sources of Funds <i>(Inside Millage &amp; Taxes)</i>	\$414,265.92
Personal Health Services <i>(Nursing, Help Me Grow &amp; Health Promotion)</i>	\$453,303.03
Contract with County Commissioners for Tuberculosis	\$10,002.00
Environmental Health Fees	\$2,638,231.22
Donations <i>(Car Seat Program)</i>	\$1,208.00
Miscellaneous <i>(Jury Reimb., Health Ins. Reimb., Telephone Reimb., etc.)</i>	\$50,986.14
State Subsidy	\$95,081.85
ODH State Funded Proj./Grants	\$844,202.36
<i>**Carry Over Balance includes grant monies.</i>	

<u>2011 Expenses</u>	
	<b>\$4,268,223.50</b>
*Personal Health <i>(Nursing &amp; Help Me Grow)</i>	\$1,099,728.19
*Environmental Health	\$2,338,056.18
*Health Promotion	\$110,095.90
*General Administration	\$646,953.80
Laboratory/Environmental	\$73,389.43
<i>*These figures include salaries and fringe benefits.</i>	
<p><i>Please Note: Environmental Health Expenditures include \$1,001,726.08 Fees Remitted to the Ohio Department of Health &amp; Ohio Environmental Protection Agency for Revenue Collected on Their Behalf.</i></p>	

## Health Department Employees as of 12/31/11

Administrative Staff	9 (1 Part-Time)
Health Educator	1
Sanitarians	*9
Plumbing Inspector	1
Nurses	**6 (1 Contract/Part-Time)
Service Coordinators (Help Me Grow Program)	9
<i>*Includes Director of Environmental Health</i>	
<i>**Includes Director of Nursing</i>	

## 2011 Inside Millage Breakdown by Political Subdivision

	2000 Census <u>Population</u>	TY 2011 Value <u>Estimated</u>	2011 Proposed Dollars Generated From <u>.15 Inside Millage</u>	2011 Per Capita Expenditure From <u>.15 Inside Millage</u>
Bazetta	6,306	\$150,937,050	\$22,640.56	\$3.59
Bloomfield	1,097	18,684,920	\$2,802.74	\$2.55
Braceville	2,887	48,749,500	\$7,312.43	\$2.53
Bristol	3,154	49,319,490	\$7,397.92	\$2.35
Brookfield	9,921	127,768,660	\$19,165.30	\$1.93
Champion	9,762	173,953,000	\$26,092.95	\$2.67
Farmington	1,834	34,103,580	\$5,115.54	\$2.79
Fowler	2,733	47,636,240	\$7,145.44	\$2.61
Greene	986	15,608,970	\$2,341.35	\$2.37
Gustavus	948	15,284,970	\$2,292.75	\$2.42
Hartford	2,104	38,899,320	\$5,834.90	\$2.77
Howland	17,546	432,857,570	\$64,928.64	\$3.70
Hubbard	6,020	98,735,800	\$14,810.37	\$2.46
Johnston	2,040	34,180,020	\$5,127.00	\$2.51
Kinsman	1,943	32,229,520	\$4,834.43	\$2.49
Liberty	12,661	228,891,380	\$34,333.71	\$2.71
Mecca	2,829	43,226,610	\$6,483.99	\$2.29
Mesopotamia	3,051	36,534,460	\$5,480.17	\$1.80
Newton Falls (Twp. & City)	9,524	125,220,920	\$18,783.14	\$1.97
Southington	3,817	64,865,440	\$9,729.82	\$2.55
Vernon	1,765	24,436,050	\$3,665.41	\$2.08
Vienna	3,993	92,048,290	\$13,807.24	\$3.46
Warren	7,817	73,417,050	\$11,012.56	\$1.41
Weathersfield	8,677	142,243,050	\$21,336.46	\$2.46
<b>TOTAL TOWNSHIPS</b>	<b>123,415</b>	<b>\$2,149,831,860</b>	<b>\$322,474.78</b>	<b>\$2.61</b>
Lordstown	3,633	\$106,113,830	15,917.07	\$4.38
McDonald	3,481	46,093,720	6,914.06	\$1.99
Orangeville	189	2,533,590	380.04	\$2.01
West Farmington	519	6,139,170	920.88	\$1.77
Yankee Lake	88	2,685,130	402.77	\$4.58
<b>TOTAL VILLAGES</b>	<b>7,910</b>	<b>\$163,565,440</b>	<b>\$ 24,534.82</b>	<b>\$3.10</b>
Cortland	6,830	\$142,060,710	21,309.11	\$3.12
Hubbard	8,284	\$113,363,740	17,004.56	\$2.05
<b>TOTAL CITIES</b>	<b>15,114</b>	<b>\$255,424,450</b>	<b>\$ 38,313.67</b>	<b>\$2.53</b>
<b>TOTAL ALL SUBDIVISIONS</b>	<b>146,439</b>	<b>\$2,568,821,750</b>	<b>\$ 385,323.26</b>	<b>\$2.63</b>

**Total Dollars Actually Received in Inside Millage for 2011 - \$320,380.59**

# Environmental Health Division

Frank Migliozi, R.S., Director of Environmental Health

## Financial Assistance for Sewage System Upgrades

In collaboration with the Trumbull County Planning Commission, the environmental division of the health district successfully obtained \$165,000 in “forgiveness” loans in 2011 for the purpose of septic system replacements. This program provides assistance to homeowners that have failing septic systems and are under an order to abate the public health nuisance that his or her septic system is causing. In addition, eligible applicants must demonstrate an income within 200% of the U.S. poverty limits. Per this criteria, 35 applicants successfully fit the above mentioned items and were placed on a list

for assistance. However, the monies that were awarded for 2011 to Trumbull County were not nearly enough to assist all 35 applicants. As a result, the list was prioritized, replacement systems were specified, bid specifications were prepared and a determination was made that 13 systems could be replaced at this time. The Planning Commissioner reviewed and awarded a contract to a successful bidder and the process to install the systems is ongoing. Moreover, a second round of funding was made available for 2012. The Planning Commissioner submitted an application and Trumbull

County was awarded an additional \$160,000. The agencies are working through the same process to award bids to assist another 13 individuals on the list of 35. The health district will continue to work with the Planning Commissioner, as well as our state and county elected officials, to obtain as much funding as possible for the purpose of providing financial assistance for septic system upgrades in Trumbull County.

## Oil & Gas Well Drilling Concerns

In 2011 the environmental division also experienced a number of calls from individuals with concerns over oil and gas drilling and underground injection wells. The current state law requires that the Ohio Department of Natural Resources (ODNR) regulate and enforce these processes. At first, most individual complaints were forwarded to ODNR. How-

ever, as calls continued to come into the health department over concerns with private water systems, the health district’s environmental division developed a protocol to test private water systems. The purpose was to assist property owners in establishing a baseline of the water quality of their private water system prior to the commencement of gas and oil well drilling opera-

tions. Establishing a baseline is crucial in determining that an activity that is occurring, such as oil and gas drilling, is negatively impacting the water quality of a private water system. Three tiers of testing were established in conjunction with the Ohio Department of Health, ODNR and neighboring county health districts. Anyone interested in having a water test can contact the office for an applica-

## Environmental Health Programs:

*Household Sewage Treatment Systems & Commercial Sewage Treatment Systems (H.B. 110)*

*Private Water Systems Plumbing*

*Public Swimming Pool/Spa/Special Use Pools*

*Manufactured Home Parks*

*Recreational Parks/Camps*

*Food Service Protection*

*Tattoo & Body Piercing*

*School Inspections*

*Landfill Inspections*

## Special Points of Interest:

- *Financial Assistance is available for homeowners who are under orders to upgrade their failing sewage systems or are ordered to connect to the sanitary sewer.*
- *Developing baseline water quality for your private water system is essential in determining whether your private water system has been impacted by oil or gas well drilling.*

# Operation & Maintenance Program for Household Sewage Treatment Systems:

The 2011 Operation and Maintenance Program was run by Greg Hall, R.S. and Kris Wilster, R.S. This program is designed to protect water resources essential to the health of Trumbull County residents by eliminating pollution and the spread of disease caused by sewage. This program is crucial to assuring that septic systems are functioning properly.

The Operation & Maintenance Program requires an owner of a household sewage treatment system to obtain a Permit to Operate annually, have their system under a service contract with a registered service provider, have the system pumped as required and allow for annual inspection and/or sewage effluent sampling by the health department.

While inspecting Levels 2—5 Household Sewage Treatment Systems, the sanitarians educate all interested homeowners in the proper use and operation of their septic system. Many homeowners appreciate this since at times there is misinformation from uninformed sources being circulated.

Approximately 230 Level 2 on-lot septic systems were inspected in 2011. This entailed a visual inspection of the trash trap, aerator and splitter box and obtaining a sample for a BOD/TSS (bio-oxygen demand & total suspended solids) test.

Approximately 1,360 Level 3 off-lot septic systems were inspected in 2011. This involved visually inspecting the trash trap, aerator, dosing tank and sand filter (if applicable), chlorinator, dechlorinator and ultraviolet system. A sample is obtained for a BOD/TSS and Fecal Coliform test.

Roughly 650 Level 4 septic systems were inspected in 2011. This involved visually inspecting the trash trap, aerator, dosing tank, sand filter, chlorinator and ultraviolet disinfection unit with re-aeration. A sample is obtained for CBOD/TSS, Ammonia and Fecal Coliform testing, with the Dissolved Oxygen test being conducted with the use of D.O. Meters.

Around 170 Level 5 septic systems were inspected in 2011. Level 5 category septic systems are temporary fixes placed on failing sewage systems when it has been determined that sanitary sewers are deemed imminent for the area. The inspection of these systems entails visually inspecting the trash trap, aerator (if applicable) and chlorinator and reviewing the files for current tank pumping receipts.

In conclusion, by ensuring that septic systems are performing as designed, the preservation of surface and ground waters are improved. By reducing waterborne diseases, it benefits everyone and makes for a safer environment for all citizens of Trumbull County.



# Point of Sale Inspections / Real Estate Inspections

## Frequently Asked Questions

Some of the questions that we get at the health department regarding Point of Sale/Real Estate Inspections include the following:

### **Vacancy Situation and the Federal Disclosure Law:**

***This house is vacant and the realtor said you cannot inspect it until we have lived there for 90 days. We can take care of it later. Is that right?***

No, that is not correct. The Federal Disclosure law states that the status of the septic system must be disclosed to a prospective buyer prior to the property transferring. This protects the buyer by giving them the opportunity to determine that if a property costs X amount of money AND the septic system is disapproved and needs to be repaired or fully upgraded, can the buyer handle the added cost of the septic system. Typically, we see average costs to upgrade septic systems run between \$10,000 - \$18,000. As a home-buyer, it is important that you know this up front and make a good financial decision.

The health department sanitarians do make an initial inspection. Based on the age of the home and/or the condition of the septic components, the sanitarian can disapprove the system at this inspection. If the sanitarian determines, after their inspection, that the system has a *chance* of passing, they will send a letter stating that the inspection be completed once the house has been lived in and the septic system has been under a normal load for 90 days. Either way, the requestor will receive a letter on health department letterhead so that the property can transfer. We urge home buyers to make good financial decisions.

***A fact you need to know.*** The health department is accustomed to addressing septic system issues with various people involved in the transfers of properties, i.e., realtors, seller, buyer, title companies, etc. We try to send communication to the seller if he/she is to pay for the septic system upgrade or to the buyer depending on the situation. However, when it comes time to send Notices of Violation, Director's Hearing notices, etc. for action not being taken, we will address these issues with the property owner. That is ultimately the person who is legally responsible for the repair or upgrade to the system. We get our information from the Trumbull County Auditor's website. The financial details of your real estate contract are not known to us, so it is our policy to deal with the current owner of the property.

***Situation: A buyer says they are buying the property 'as is', so they don't think they need a septic system inspection up-front to transfer the property.***

Again, this is not correct. The status of the septic system must be disclosed prior to the transfer. All the information in the previous explanation apply to this situation, also.

***A fact you need to know.*** Some properties do transfer without the health department being involved in the septic inspection being done. Although it is the law, the health department does not have jurisdiction over the recorder's office or other county offices. It is important that you know that we do check the County Recorder's records on property transfers and send letters to the homeowner's that the septic inspection is required. You, as the buyer, are now responsible for the cost and results of that inspection. There is no negotiating now. It is your full responsibility now since you did not take the opportunity to have the inspection conducted prior to the transfer. Again, the disclosure of the status of the septic system is there for your protection.

# Private Water Systems

The Trumbull County Health Department administers this program under Ohio Administrative Code 3701-28.

Our Private Water Systems Program Consists of the Following Areas:

1. Inspection of the installation of drinking water systems (wells, ponds, cisterns & springs).
2. Registration of Private Water System Contractors.
3. Inspection and registration of Water Haulers.
4. Collection of water samples.
5. Investigation and abatement of water related nuisances.

Although it is not regulated under the private water system regulations, baseline testing can be done with regard to the Marcellus and Utica Shale drilling. Individuals who have concerns on the potential effects the drilling may have on their private water wells may want to have their water tested prior to drilling in the area of their property. This gives the homeowner a baseline for the water quality of their well prior to drilling commencing.

## Plumbing

Plumbing permits for 2011 seem to show that the decline in construction has leveled off. A majority of the housing starts were in the second half of the year. If this pattern holds true through 2012, we look forward to increased numbers for the coming year.

Plumbing inspections for sewer projects has again been a bright spot with over 230 homes being tied into sewers. With the Overland Project in Howland Township now underway, and the Kinsman Project coming soon, 2012 will again be a highlight.

We continue to work with the Ohio Manufactured Home Commission to provide inspection for manufactured home sets in mobile home parks in Trumbull County.



# Food Protection Program

The primary responsibility of the food safety division is to protect the community against foodborne illness resulting from health code violations. Our goal is to ensure compliance with the Ohio Food Safety Code.

The health department inspects food service operations, such as restaurants and cafeterias, and retail food establishments, such as grocery stores, convenient stores and gas stations. We also inspect food vending machines that dispense coffee or products that must be held at a proper temperature, daycare centers, mobile food units found at fairs and festivals and temporary food operations.

We also strive to educate food operators and employees on safe food handling practices. We investigate all complaints and reports of suspected foodborne illnesses resulting from improperly prepared or handled food. The incidence of foodborne illness in Trumbull County has been minimal.

Compliance Standards are Primarily Related to:

- \* Food Protection
- \* Time and Temperature Requirements
- \* Employee Hygiene
- \* Cleaning & Sanitizing of Food Equipment and Utensils
- \* Hand Washing Facilities
- \* Water & Sewage Services
- \* Restroom Facilities
- \* Waste Disposal
- \* Pest Control
- \* Maintenance of Floors, Walls & Ceilings
- \* Sufficient Lighting & Ventilation
- \* Proper Storage of Toxic Materials



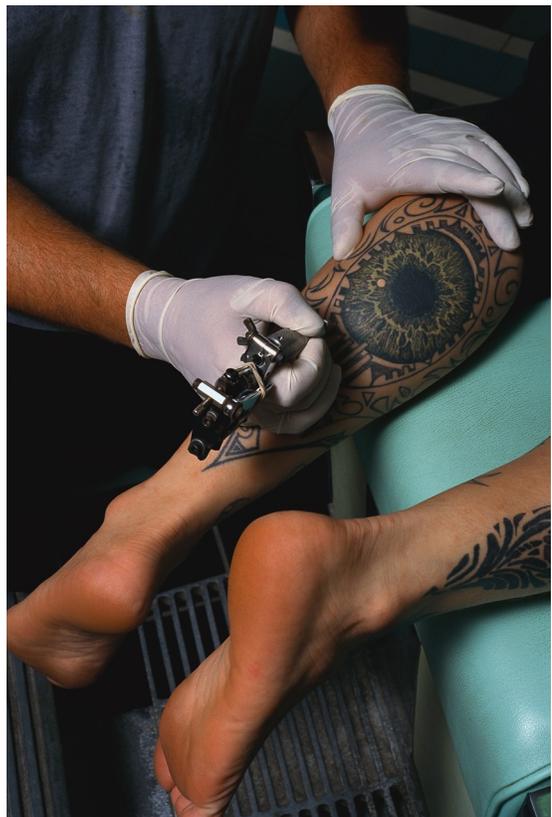
Our mission is to protect the health of customers who dine and purchase food from food service operations and retail food establishments licensed by the Trumbull County Health Department.

# LANDFILL PROGRAM

As an Ohio Environmental Protection Agency approved health department, we conduct regular inspections of the two licensed landfills within our jurisdiction, and the investigation of solid waste complaints. In 2011, this office performed 53 inspections at the Lordstown Construction Recovery landfill (Lafarge), and four inspections of the RG Steel landfill (formerly Severstal). Additionally, office personnel performed 164 inspections concerning open dumping throughout the county.

## Tattoo Establishments & Artists

Established in 1998, the Tattoo & Body Piercing Program is a relatively new state program. Under the Trumbull County Health Department's jurisdiction, we have seven licensed tattoo/body piercing establishments, and 19 licensed artists. The establishments require annual licensing and inspection. Our inspections look at the overall sanitation of each facility to assure compliance with state code requirements. Key highlights of our inspection include: Operator Certification in Tattoo and Body Piercing Procedures, First Aid, Universal Procedures for Blood Borne Pathogens, Sanitation of Work Areas and Equipment, Proper Sterilization of Equipment and Maintaining Records of Sterilization Tests and Tattoo & Body Piercing Aftercare.



# Recreational Parks & Camps

The Ohio Revised Code Chapter 3733 requires annual licensing and inspection of all campgrounds within Trumbull County. Campgrounds are divided by state regulations into five categories for licensing purposes:



- \* Recreational Vehicle Parks
- \* Recreation Camps
- \* Combined Park-Camps
- \* Temporary Park-Camps
- \* Residential Day Camps

Inspections look at overall sanitation & safety which includes:

- \* Proper Refuse, Wastewater & Sewage Disposal
- \* Restroom & Shower Sanitation
- \* Proper Spacing Between Units
- \* Playground Safety
- \* Electrical Safety

## Manufactured Home Parks

Established as a state program in 1951, local health departments are required to annually license and inspect these parks. The purpose is to ensure that all manufactured home parks in Trumbull County are operated in accordance with the Manufactured Home park Rules set forth in Ohio Administrative Code 3701-27 and Ohio Revised Code 3733 to ensure reasonable levels of sanitation. Using these regulations our inspections involve checking parks for following:



- \* Proper Spacing
- \* Maintenance of Roads, Lots, Sidewalks & Park Buildings
- \* Tie Downs on Units
- \* Electrical Safety
- \* Proper Sewage & Refuse Disposal

## Licenses, Permits & Registrations

	<u>2011</u>	<u>2010</u>	<u>2009</u>	<u>2008</u>	<u>2007</u>
<b>Master Plumbers</b> .....	80	78	88	94	101
<b>Journeyman Plumbers</b> .....	37	39	41	47	48
<b>Sewage System Installers</b> .....	41	49	55	61	63
<b>Sanitary Servicemen</b> .....	22	26	23	61	24
<b>*Garbage &amp; Refuse Haulers</b> .....	0	0	19	18	18
<b>Water Haulers</b> .....	<b>3</b>	4	4	4	4
<b>Tattoo/Body Piercing Establishments</b> .....	7	7	8	8	7
<b>Tattoo/Body Piercing Artists</b> .....	19	17	23	23	25
<b>Service Providers</b> .....	18	15	14	14	14
<b>Food Service Operations/Retail Food Establishments</b> ....	624	650	551	626	623
<b>Mobile Units</b> .....	86	108	96	86	89
<b>Vending Machines</b> .....	113	117	128	134	143
<b>Plumbing Permits (202 Residential—65 Commercial).....</b>	267	275	262	333	395
<b>Sewage System Permits</b> .....	213	292	289	323	121
<i>Off-Lots 113; On-Lots 57; Mounds 7; Drip Systems 0; Temporary Fix 37</i>					
<b>Preliminary Evaluations</b> .....	249	233	261	364	349
<b>Private Water Systems (Wells/Sealing).....</b>	70/51	67/50	64/26	85/23	112/33
<b>Manufactured Home Parks</b> .....	33	33	33	33	33
<b>Recreational Parks/Camps</b> .....	15	14	14	14	15
<b>Swimming Pools</b> .....	43	45	48	48	47
<b>Semi-Public Disposal Systems</b> .....	704	720	724	742	739
<b>Real Estate Sewage Inspections</b> .....	322	380	330	656	507
<b>Permit to Operate (O&amp;M).....</b>	3,050	2,876	2,651	2,475	2,049
.....					

*\*In 2010 it was ruled that Health Departments were no longer permitted to license/register Garbage & Refuse Haulers.*

# NURSING DIVISION

DEBORAH MOKOSH, R.N.—NURSING DIRECTOR

I am pleased to welcome you to the 2011 Nursing Annual Report. There have been many successes during the past year and it is a privilege to describe the efforts that Trumbull County Health Department Nurses, Parent Educators and Secretaries/Medical Assistants have put forth to create the outcomes that have occurred.

I would like to commend you for strengthening our organization through relentless pursuit of professional excellence. You have continually advanced the professionalism and image of your vocation. You have organized and participated in sound decision making, supported by science, evidence and experience. You have managed our resources through stewardship. You have maintained a focus on improving communication, systems and processes to enhance the quality of care we provide for our clients and community. We continue to strive to ensure every client and family member truly feels that we care and that our passion is for service.

Each of you has helped to advance the mission and vision of the Trumbull County Health Department. Be proud and accept my gratitude for your dedication and excellence.

As we look forward to a new year of challenges and opportunities, I urge our staff, and indeed, all of our colleagues to continue the good work that has been started. Know that your efforts not only strengthen our organization, but give us the privilege of providing the best experience possible for the community we serve.

**Debbie Mokosh, Director of Nursing**

## *Nursing Services Offered:*

*Trumbull County  
TB Program*

*Pandemic and Bio-  
Terrorism Preparedness*

*Child & Family Health  
Services*

*Immunizations*

*Bureau for Children with  
Medical Handicaps*

*Home Visiting programs*

*Car Seats*

*Vision & Hearing  
Screening*

*Communicable Disease  
Investigation*

*Rabies Surveillance/ORV*

*Animal Bite Investigation*

*Newborn Screenings*

*Trumbull County Child  
Fatality Review Board*

***The nursing division of the Trumbull County Health Department is committed to providing comprehensive, preventative health care to the residents of Trumbull County. The programs listed below are examples of our attempt to meet the needs of the community.***

## **TRUMBULL COUNTY TB CONTROL PROGRAM**

On November 1, 2011, at the behest of the Trumbull County Commissioners, the Trumbull County Health Department became responsible for the Trumbull County TB Control Program.

The TB clinic is headed by the Trumbull County Health Commissioner, James J. Enyeart, M.D. and Anthony Cutrona, M.D., Infectious Disease Specialist.

The program's goal is to prevent, control and eliminate tuberculosis (TB). To accomplish this, the Trumbull County Health Department will provide;

- TB Testing - Identification of clients with possible TB & move them toward evaluation & effective treatment.
- Medical treatment for active and latent TB.
- TB surveillance and reporting of active cases .
- Consultation to medical community.
- Community outreach and public education.

Historically Trumbull County has been a "low risk county". Low risk counties have fewer than six active cases per year. Trumbull County averages one to two cases per year. There was one active case in Trumbull County in 2011. There has not been a drug-resistant case of TB in Trumbull County since 1998.

***The testing portion of the program is headed by Rita Spahlinger, R.N.***

***The medical clinic is headed by Randee Shoenberger, R.N.***

***Both testing and medical clinics are supported by, Lucinda Sentner, R.N. - Sandy Swann, R.N. - Jan Chickering, M.A. - Bev Cope, M.A. - Judi Roman, R.N.***

## **BIO-TERRORISM/EMERGENCY PREPAREDNESS**

We have created a consortium of 20+ agencies in the county who meet on a regular basis and are working on coordinated planning that we would all follow in case of a bio-terrorism or other large public health event. This committee has been working diligently and testing our planning efforts throughout the year.

In March we participated in the Trumbull County Emergency Management tabletop exercise. In April we participated in a NECO (Northeast Central Ohio) region functional exercise and in September we participated in a 2-day NECO sponsored exercise. During all exercises, we test our emergency planning and mass care abilities. Following the exercises we discuss strengths and weaknesses, make changes to our plans and re-train staff.

We continue to take an active role in planning for a major event in this county by meeting with our local and regional partners on a regular basis, creating and revising plans and testing those plans by conducting exercises and then evaluating our performance.

During the next 3 years the focus will be on the cooperation and coordination of the efforts of the Trumbull County Health Department, the Trumbull County Emergency Management Agency, and the Local Hospital(s), as the local Plan Review and Development Team, to review, develop and test the county's emergency preparedness plans. These three entities will engage other community partners for this process.

Although communicable disease investigation has always been a health department function, we have put new emphasis on early recognition and investigation of possible outbreaks; we have Sandy Swann, a Public Health Nurse, who is specially trained in epidemiology and works closely with the other health departments, physicians, and hospitals to do surveillance and track trends in diseases. This year Ms. Swann attended a 2-day conference, "Epidemiology and Criminal Investigations", with a focus on the importance of the coordination of a county's Epidemiologist and law enforcement during a biological incident.

## **THE CHILD AND FAMILY HEALTH SERVICES PROGRAM (C.F.H.S.P.)**

The Ohio Department of Health funds this program as a means to assess the health status of the community through the identification of health needs, service gaps, and barriers to care, and then to plan programs and services to meet those needs. The direction of this grant, as all of the grants, continues to evolve with decreased funding from the Ohio Department of Health and change focus with emphasis on community health.

### **+ *Community Assessment***

In order to better provide programs in the county, we do ongoing assessment of the community needs and resources. We have the CFHS Consortium a committee that meets at least quarterly. The committee is made up of a variety of organizations and agencies that provide services in our community. Identification of needs and resources is done through surveys, data collection, and focal group discussions. This committee takes an active role in providing beneficial programs for the children and families of Trumbull County.

In August of 2010 Trumbull, Mahoning and Columbiana counties assembled The Tri-County Community Health Assessment and Planning (CHA/P) initiative. Their final report was completed June 2010. This assessment and planning initiative provides a guide to implement strategies over the next three years aimed at improving the health status of the residents of Mahoning Valley and reducing health disparities between population groups. CHA/P is a collaboration between community leaders from public health, health care, business, education, non-profit, philanthropy and governmental organizations. The initiative was led by a Steering Committee that included 27 community and health leaders from Mahoning, Trumbull, and Columbiana counties. Additional community partners served on two subcommittees that conducted assessments and produced relevant health data and information. Finally, key community informants contributed insights and perspectives that guided the Steering Committee's decisions and recommendations, and helped shape the final report.

Based on the assessments and community input, the Steering Committee identified five priority areas and developed six associated goals intended to improve the health status of Mahoning Valley residents. The Steering Committee oversaw the planning process and ensured that input was obtained from a broad cross-section of organizations and individuals. A team from Kent State University's College of Public Health facilitated the process and conducted analyses upon which priorities were selected and action recommendations were developed by the Steering Committee. The CHA/Ps steering committee is committed to meeting four times per year to discuss and assess program plans, best practices and alter plans as needed to best serve the community. Community assessment is an ongoing process and we welcome any member of the community to join us and provide input. The Tri-County Community Health Assessment and Planning (CHA/P) report may be found on the health department's website, [www.tcbh.org](http://www.tcbh.org)

### **+ *Community Based Lead Screenings for Children One Year to Six Years of Age***

***Rita Spahlinger, RN***

The major component of this program is education. The health department had a lead role in establishing the Lead Task Force which is a collaboration of agencies working to increase education about lead poisoning in Trumbull County. We partner with WIC, private offices, and Ohio Department of Health to provide follow up and case management of children with elevated leads levels. In 2011 the Health Department Lead Task Force continued partnership with the Regional Lead Healthy Homes Initiative, which has members from Trumbull, Mahoning, Columbiana, and other surrounding counties. The Regional Lead Healthy Home Initiative has disbanded. Mahoning County is no longer the lead regional resource. Belmont County is now responsible for the Northeast Regional Lead Support Program. There were 118 lead tests completed and of those, zero were found to be elevated.

+ ***Folic Acid Education—All clinic staff***

This program aims to educate all women of childbearing age on the importance of an adequate intake of folic acid. In addition to community based education, the staff provided folic acid information to the 83 clients who came to the health department for pregnancy tests. The long-range goal is to prevent the occurrence of birth defects such as neural tube disorders. We will continue to provide public education on the importance of folic acid supplementation in women of child-bearing age.

+ ***Preschool Childhood Obesity Prevention Program—Judi Roman, RN & Jan Chickering, MA***

The goal of this program is to introduce young children to the idea that eating healthy can taste good and doing physical activity can be fun. Staff provides six weekly sessions at area daycares/preschools. Each session focuses on something different such as: Go/Slow Foods, Fruit /Veggie Game and Snack, Fitness Fun, Fat Presentation, Happy Heart, Sugar Presentation. Information about each session is sent home with the children so parents can follow through at home. Staff provided sessions at 4 schools and 8 classes in 2011.

+ ***Pregnancy Screening***

Trumbull County Health Department is a site that provides screening for pregnancy. We use urine pregnancy tests and request a \$5.00 donation for the test. No one is denied service if they are unable to pay. The Ohio Department of Health CFHS Program assists with funding for this program. All women who are screened are given folic acid information. Women who have a positive test are given referral information and education about healthy pregnancy habits such as keeping physician appointments, taking vitamins, eating a healthy diet, and not smoking. Assistance is also provided for application to Healthy Start, Help Me Grow, and WIC. In 2011 the health department provided 83 pregnancy tests. Of these, 50 were positive and 33 were negative. Clients were assisted with 26 CPA's (Combined Program Applications).

**IMMUNIZATION PROGRAM—Rita Spahlinger, R.N.**

+ ***Childhood Immunization Program***

The primary object of this program is to increase age appropriate immunization levels in children less than two years of age. The Ohio Department of Health (Immunization Action Plan) funds a portion of this program. The aim of this program is to provide service delivery, information, education and assessment. There were 8 clinic sites located around Trumbull County. 88% of the clients who attended our clinics in 2011 were up to date on their immunizations by 2 years of age. The definition of up to date has been changed to include 4 Dtap, 3 Polio, 3 Hepatitis B, 1 MMR, 1 Varicella and 4 Prevnar vaccinations. 1,320 children received 3,305 vaccinations at health department clinics in 2011, compared to 1,186 children immunized in 2010.



+ ***Influenza***

Public Health Nurses administered approximately 344 seasonal flu shots to adults and 53 to children at the health department and at immunization sites located in various parts of Trumbull County. The H1N1 vaccine was included as part of the seasonal influenza vaccine in 2010-2011. These shots were administered during the months of October, December and January to residents of all ages. Prevention information was developed and placed on our website, on the TVs at the Eastwood Mall and informative brochures were offered at all of the immunization sites.

+ ***Adult Immunization Clinics***

Adult immunization services are offered monthly at the health department for any adult in Trumbull County. Vaccines available are Td (tetanus/diphtheria) Tdap (tetanus, diphtheria and pertussis), MMR (measles, mumps and rubella), Varicella (chicken pox) and Hepatitis B. We provided immunizations to 441 adults in 2011. Trumbull County Health Department contracted with Vaxcare for the adult influenza vaccine, and 344 vaccines were given at all immunization sites in 2011.

*All Trumbull County Health Department Public Health Nurses assisted at the immunization clinics: Rande Shoenberger, R.N.—Judi Roman, R.N.—Rita Spahlinger, R.N. Lucinda Sentner, R.N.—Sandy Swann, R.N.*

## **Bureau for Children With Medical Handicaps**

*Randee Shoenberger, R.N.—Judi Roman, R.N.—Rita Spahlinger, R.N.—Lucinda Sentner, R.N.—Sandy Swann, R.N.*

The mission of the Bureau for Children with Medical Handicaps (BCMh) is to assist families of children with special health care needs. BCMh is a state-administered program within the Ohio Department of Health. The Bureau promotes early identification of children with handicapping conditions and treatment of these children by appropriate providers. Public Health Nurses assist clients in obtaining optimum available services. There are 279 active BCMh clients. Trumbull County Public Health Nurses completed 20 home visits with BCMh clients in 2011.

## **PROGRAMS FOR CHILDREN AND THEIR FAMILIES—WITH FOCUS ON PARENT SUPPORT, HOME VISITING AND COMMUNITY RESOURCES**

### **+ *Help Me Grow (HMG) - Home Visiting Program***

HMG provides first time expectant or new parents with health and child development information, health and developmental screenings, home visits, opportunities to network with other families, and referrals to community agencies. The goal of the program is to give expectant parents the information and support they need to be prepared for the birth of their child and provide ongoing support for families to understand and maximize this period of development to age 3 in order to prepare them for success in school.



Eligibility for the Home Visiting Program:

- First-Time pregnant women, income 200% or less of FPL.
- A first-time parent with a child less than 6 months of age, income 200% or less of FPL.
- A child under age 3 referred with a substantiated case of abuse or neglect.
- A child under the age of 3 with at least one parent in active military duty.

### **+ *Help Me Grow—Part C/Early Intervention Program***

Part C provides parents with health and child development information, health and developmental screenings, home visits, opportunities to network with other families, and referrals to community agencies. The goal of the program is to give parents the information and support they need for their child and provide ongoing support for families to understand and maximize this period of development to age 3. Service Coordination is provided as an active and ongoing process to assist and enable Help Me Grow Part C eligible children and their families to receive the rights, procedural safeguards and services that are authorized to be provided under the Help Me Grow—Part C program and the federal regulations for Part C of IDEA.

Provides Services To:

- Newborns, infants & toddlers who are experiencing a developmental delay in one or more of the following areas:
  - a. Cognitive Development
  - b. Physical Development, including vision and hearing
  - c. Communication Development
  - d. Social-Emotional Development
  - e. Adaptive Development
- Newborns, infants and toddlers who have a diagnosed physical or mental condition who are identified by the department as having a high probability of a developmental delay.

† ***Ohio Children's Trust Fund Program (OCTF)***

The Trumbull County Health Department OCTF program is a parent education, child development program utilizing the evidenced-based Parents as Teachers curriculum. The program provides parents with health and child development information, health and developmental screenings, home visits, opportunities to network with other families and referrals to community agencies. The goal of the program is to give parents the information and support they need for their child and provide ongoing support for families to understand and maximize this period of development to age 5 in order to prepare them for success in school. The Health Resources and Service Administration (HRSA) and the Administration for Children and Families (ACF) see home visiting as a strategy embedded in a quality early childhood system that promotes maternal, infant, and early childhood health, safety and development, as well as strong parent-child relationships. Services are provided to women who are pregnant and caregivers of children birth to 5 years of age.

† ***Maternal, Infant, Early Childhood Home Visiting (MIECHV) Program***

The Ohio Department of Health (ODH) was designated by the Governor's Office in June 2010 as the lead agency to prepare the state's application for funds made available in the Affordable Care Act—Maternal, Infant and Early Childhood Home Visiting Program (MIECHV). MIECHV is intended to strengthen and improve the programs and activities carried out under Title V, Maternal and Child Health system, to improve coordination of services for vulnerable communities and to identify and provide comprehensive services to improve outcomes for Ohio's most vulnerable families. There is an equal emphasis on developing a comprehensive high-quality early childhood system that promotes maternal, infant and early childhood health and safety, development of strong parent-child relationships and providing evidence-based home visiting services to families. States were required to conduct a needs assessment to identify communities most vulnerable for poor outcomes based on a number of criteria: premature birth, low-birth weight infants, infant mortality, including infant death due to neglect or other indicators of most vulnerable prenatal, material, newborn, or child health, poverty, crime, domestic violence, high rates of high-school dropouts, substance abuse, unemployment and child maltreatment. Based on the needs assessment and subsequent data analysis, 31 counties most vulnerable for poor maternal and child health outcomes were identified. Two counties from each of four population density regions were selected as the target communities for this grant program, representing the different demographics of the state. Selected counties were Clark, Hamilton, Lucas, Marion, Pike, Ross, Trumbull and Vinton.

Healthy Families America (HFA) is an evidence-based home visiting model, utilized for the NIECHV program. HFA is a national initiative to help parents of newborns get their children off to a healthy start. In 2011 the Trumbull County Health Department MIECHV program was affiliated with HFA and will be accredited within a required 3 year period.

The home visiting program provides services for women who are pregnant or have a child 3 months of age or younger and live in an identified, targeted community.

The evidenced-based Parents as Teachers curriculum is utilized for all of the home visiting programs. (Please visit [www.parentsasteachers.org](http://www.parentsasteachers.org) or [www.healthyfamiliesamerica.org](http://www.healthyfamiliesamerica.org) for more information on these programs.)

***Home Visitation Program Support Staff***

**Family Service Educators**

Nikki Brink, AAS—Kristyn Bugnone, MS—Jennifer Francis, BA—Cathy Lavernuick, LSW—  
Lucinda Sentner, RN—Beth Shelar, BS—Ranee Shoenberger, RN—Andrea Neuman, BA—Tara  
Gerlick, LSW, Judi Roman, RN

Kenya Franklin, BA—Family Service Coordinator

Margie Alexander—Family & Children First Council Coordinator served as HMG Project Director and Consultant for the OCTF and MIECHV programs.

In 2011, the Trumbull County Health Department employed 8 full time Family Educators, 2 Public Health Nurses and one Family Service Coordinator to provide service coordination/home visitation for the children and families of Trumbull County who qualified for the 3 home visiting programs. Home visitors offer parenting education, screening, assessment and ongoing connections to needed resources. All children served in 2011 through these visiting programs were served by the Trumbull County Health Department.

In addition to the home visits, the staff provides parent/child groups. The first session was in collaboration with the Warren YWCA entitled “Winter Wonderland”. The benefit of group sessions are to provide social opportunities both for the children and their parents. It allows time for children to interact with their peers and parents can talk with each other about concerns as well as celebrations. Activities, food and an age-appropriate book were provided to the families.

+ ***Public Health Nursing Visits—***

**Judi Roman, R.N. & Randee Shoenberger, R.N.**

Public Health Nurses provide a home visit to children eligible for Help Me Grow Part C services. The nurse completes a comprehensive assessment of the child and refers the family to BCMH or other resources as necessary. The public health nurse consultation is used as the initial assessment for program planning by the service coordinator. A public health nurse is able to complete the Bayley Scales of Infant and Toddler Development needed for ongoing assessment for possible developmental delay. If a delay is exhibited, the child is referred to an appropriate agency for services.

+ ***Car Seat Program—***

**Lucinda Sentner, R.N.**

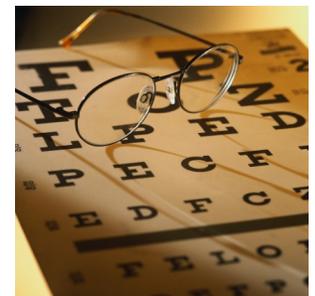


This program provides education about proper car seat installation and use, as well as car seats for those in need. Car seats are primarily distributed through the Trumbull County Health Department to parents/grandparents while attending an instructional class in proper use. Classes are held at the Health Department and St. Joes at the Eastwood Mall, with funding in part from St. Joseph’s Health Center, and the Ohio Department of Health’s Ohio Buckle Buckeyes Program. These classes are staffed by public health nurses and Help Me Grow service coordinators who have gone to additional training and are nationally certified car seat technicians. Our program coordinator has gone one step further and is a car seat technician instructor. 147 car and booster seats were provided at 31 classes held at the health department or St. Joe’s Health Center classroom at the Eastwood Mall.

+ ***Sight For Students Program—***

**Jan Chickering, M.A.**

The Trumbull County Health Department contracts with Ohio’s Prevent Blindness Program to assist families in Trumbull County with application for financial assistance for vision exams and glasses. This program is for “gap kids” who cannot obtain vision insurance at work and who are not eligible for government aid. Families can earn up to 200% poverty level and cannot be enrolled in another eye care insurance program or be covered by Medicaid. This program provides an eye exam and glasses for students who are in school up to age 18. This program is administered by the Nursing Division of the Health Department. Students who are identified by us in need of this service are mailed an application to complete. The application is reviewed and forwarded by us to Prevent Blindness Ohio. Once approved, the family is mailed vouchers for both an eye exam and glasses with a list of participating providers.



In 2011 we processed 59 applications for this program, which assisted 43 families, this is up from 2010 where 47 applications were processed, which assisted 37 families. 57 applicants were approved to receive an eye exam and glasses, which is also up from 2010 wherein 45 were approved.

## **MEDICAL RESERVE CORP (MRC)**

**Lucinda Sentner, R.N.**

The Trumbull County Medical Reserve Corp has been through some operational changes. The volunteer corp is now coordinated by Susan Kovach from the Mahoning County District Board of Health. Ms. Kovach also coordinates the Mahoning County and Columbiana County MRC volunteers. The mission of the MRC is to provide registered and trained medical volunteers to assist public health in times of disaster and throughout the year as needed. The volunteers are registered into a state-wide database according to credentials, skills and level of volunteer time preferred. Those who are registered in this way will be supported with liability coverage through the state of Ohio while reporting to a declared public health emergency as a volunteer. Volunteers are asked to participate in a background check and obtain a photo identification badge for use during the volunteer activity, and participate in a series of trainings. Volunteers can be nurses, physicians, physician assistants, dentists, dental assistants, EMTs, paramedics, mental health care workers and any other medical or non-medical persons over the age of 18 who wish to help make a difference in the community.

Information and training to become a Medical Reserve Corp Volunteer can be accessed through the Mahoning County District Board of health by contacting Susan Kovach at (330) 270-2855 ext. 132 or at [skovach@mahoninghealth.org](mailto:skovach@mahoninghealth.org)

## **CULTURAL COMPETENCY**

The Department of Health and Human Services' Office of Minority Health issued national standards that will ensure that all people entering any health care system receipt equitable and effective treatment in a culturally and linguistically appropriate manner.

The nursing division utilizes the CLAS (Cultural and Linguistically Appropriate Services) Standards to help us address the needs of all the population in the county in a culturally appropriate manner.

The health department's annual CLAS Assessment may be found on our website—[www.tcbh.org](http://www.tcbh.org)

The following are the 14 standards that are included in CLAS:

1. Understandable and respectful care.
2. Diverse staff and leadership.
3. Ongoing education and training.
4. Language assistance services.
5. Rights to receive language services.
6. Competence of language assistance.
7. Patient related materials.
8. Written strategic plan.
9. Organizational self-assessment.
10. Patient/Consumer data.
11. Community profile.
12. Community partnerships.
13. Conflict/Grievance processes.
14. Implementation.

<b>Reportable Condition</b>	<b># of Confirmed Cases for 2011</b>	<b># of Confirmed Cases for 2010</b>	<b># of Confirmed Cases for 2009</b>	<b># of Confirmed Cases for 2008</b>	<b># of Confirmed Cases for 2007</b>
Campylobacteriosis	10	24	20	19	18
Chlamydia infection	782	772	680	422	411
Coccidioidomycosis	1	0	0	0	1
Cryptosporidiosis	5	25	25	9	7
E. coli - enterohemorrhagic (shiga toxin producing) - Not O157:H7	1	2	1	0	1
E. coli - enterohemorrhagic (shiga toxin producing) - O157:H7	0	0	0	3	0
Encephalitis - primary	0	0	0	1	0
Giardiasis	10	5	7	11	10
Gonococcal infection	244	239	192	187	189
Haemophilus influenzae (invasive disease)	4	3	2	3	4
Hepatitis A	0	0	0	1	0
Hepatitis B Perinatal	1				
Hepatitis B (including delta) - acute	2	1	5	3	14
Hepatitis B (including delta) - chronic	2	5	2	4	3
Hepatitis C - acute	0	0	1	1	0
Hepatitis C - chronic	74	80	94	83	108
Influenza A - novel virus	0	0	3	0	0
Influenza-associated hospitalization	24	6	30	0	0
LaCrosse virus disease (other California serogroup virus disease)	1	1	0	0	0
Legionellosis - Legionnaires' Disease	7	4	0	2	5
Listeriosis	1	1	0	2	1
Lyme Disease	0	0	0	3	2
Meningitis - aseptic/viral	27	10	7	7	2
Meningitis - bacterial (Not N. meningitidis)	8	1	1	0	1
Meningococcal disease - Neisseria meningitidis	1	0	0	2	0
Mycobacterial disease - other than tuberculosis	14	22	7	4	5
Pertussis	18	12	28	6	2
Salmonellosis	15	20	19	31	20
Shigella	0	0	19	10	0
Staphylococcal aureus - intermediate resistance to vancomycin (VISA)	0	1	0	0	0
Streptococcal - Group A -invasive	2	4	4	6	6
Streptococcal - Group B - Newborn	2	0	1	1	0
Streptococcus pneumoniae - invasive antibiotic resistance unknown or non-resistant	19	24	21	27	24
Streptococcus pneumoniae - invasive antibiotic resistant/intermediate	7	5	16	20	7
Tuberculosis	1	1	0	0	0
Varicella	2	4	17	3	3
Yersiniosis	0	1	0	3	0

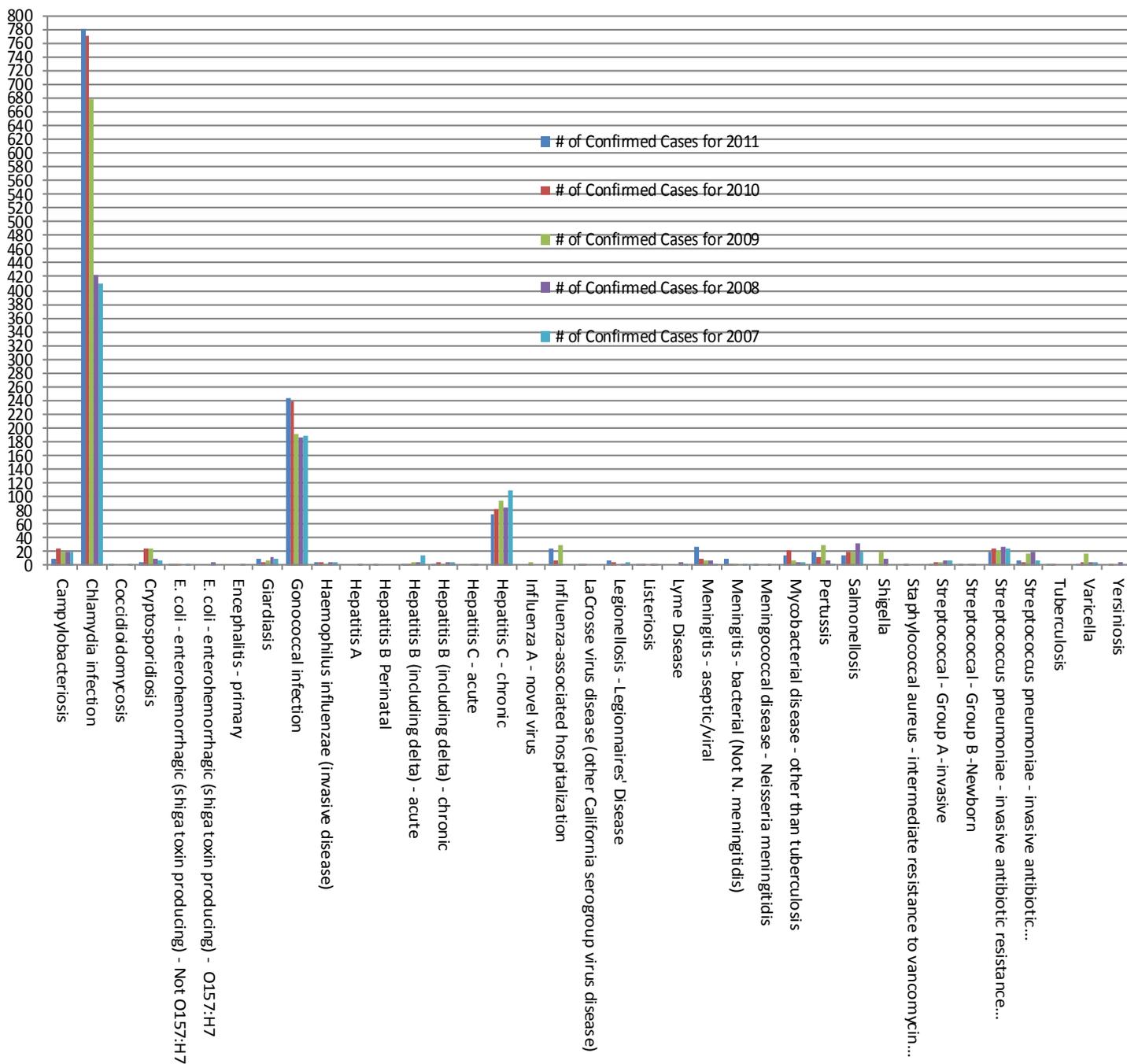


Submitted by: Sandy Swann R.N., B.S.N., Epidemiologist

There were 1672 Communicable Disease Cases investigated in Trumbull County for year 2011. This is 7 more case investigations than last year. Of these cases, 1284 are classified as confirmed cases, 89 are classified as probable cases, 195 are classified as suspect cases and 104 are classified as not cases. These cases were investigated by the Nurses at the four Health Departments in Trumbull County. The distribution of these case investigations are as follows: Trumbull County General Health District—754 Cases; Girard City Health Department—44 Cases; Niles City Health Department—163 Cases; and Warren City Health Department—711 Cases.

- Table I lists the Confirmed Communicable Disease Cases reported to all Health Districts in Trumbull County from 2007 to 2011. These cases are confirmed based on either laboratory confirmation, meet the case clinical definition and / or are epidemiologically linked to a confirmed case. The Bar Graph below is just another illustration of the numbers of Confirmed Communicable Diseases that were reported to all Health Districts in Trumbull County over the 5 year period.
- There were 8046 Influenza Surveillance cases reported to Trumbull County Health Department by schools, nursing homes, hospitals, labs and the city health districts. This is 1728 more reported cases than last year. Of these 8046 cases, 7932 cases were reported as Influenza - like illnesses\* and 114 cases were lab confirmed influenza.

\*Influenza - like illness means the person has been diagnosed with influenza by a health care professional based on symptoms of the flu or has self reported with symptoms of the flu.





# RABIES PROGRAM

**Submitted by:** Sandy Swann R.N., B.S.N., Epidemiologist and Beverly Cope M.A.

**In 2011 we processed 231 animal exposure events.** This is 34 less events than last year. Of these, there were 166 dog exposures; 55 cat exposures; 4 raccoon exposure; 1 bat exposure; 1 pet rat exposure; 1 guinea pig exposure; 2 squirrel exposures; and 1 wild mink exposure. (See the Pie Chart)

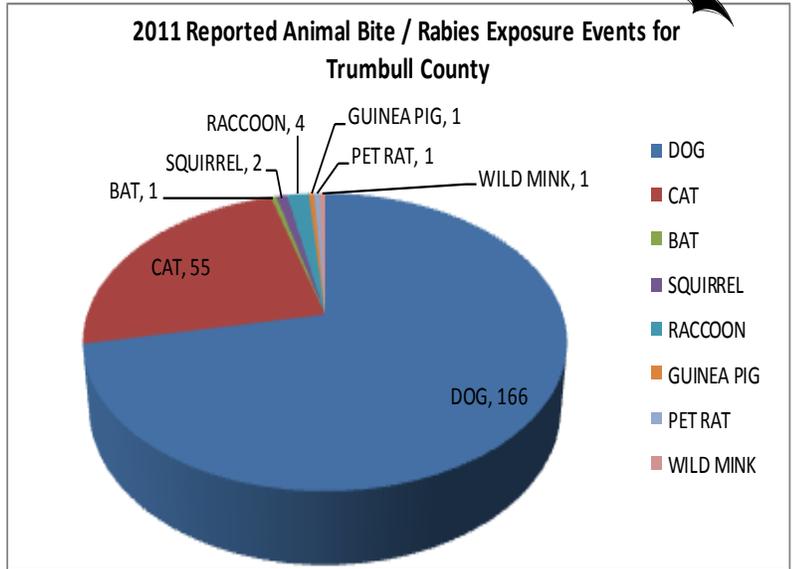
**Our contract with Ohio Department of Health (ODH) for raccoon, fox and skunk surveillance ended June 30, 2011 due to state funding cuts.** For the 2010—2011 contract period we submitted 24 Raccoon and 2 Skunks to ODH for rabies testing. These animals were tested because they were either sick, wounded, had odd behavior or there was human and/or domestic animal contact. This year none of our surveillance animals tested positive for rabies.

Although our surveillance contract has ended with the ODH, **we will continue to submit animals for rabies testing when there is human and/or animal contact.** In 2011 there was 1 raccoon that tested positive for rabies, after an encounter with a dog, that was not part of our routine surveillance. We will also be able to submit wild animals for surveillance rabies testing through USDA Wildlife, as long as there has been no human or animal contact.

**Every fall we participate with the ground Oral Rabies Vaccine (ORV) baiting** which is a joint effort between the ODH and USDA Wildlife as an effort to control and maintain a barrier to prevent rabies from spreading westward. **The Table to the right provides the numbers and location of distribution for the ORV baits for fall of 2011 as compared to 2010.** The number of baits distributed in 2011 is about 3 % less than what was distributed in 2010.

**Rabies is a viral disease that affects animals and people and is almost always fatal.** It continues to be a major concern for Trumbull County and throughout Ohio. There is Post Exposure Treatment (PET) for persons who are possibly exposed to rabies, but it is very expensive. **Every year there are many animal exposures that require medical attention and PET to be given. This could be avoided by following a few simple rules:**

- \* **1) Keep your dogs, cats and ferrets vaccinated for rabies, it's the law!**
- \* **2) Avoid contact with all wild animals and do not harbor wild animals. They can carry rabies and possibly other diseases.**
- \* **3) Do not approach or pet stray or unfamiliar domestic animals such as dogs and cats. Often times they will strike out by biting or scratching and possibly exposing you to rabies or other infections.**
- \* **4) If you do have an encounter or exposure to a wild or domestic animal, contact your local health department. Animals can be either quarantined or tested to determine their rabies status. This will avoid an unnecessary administration of PET.**



Oral Rabies Vaccine (ORV) Ground Baiting in Trumbull County		
AREA	# BAITS 2010	# BAITS 2011
Cortland City	720	675
McDonald	225	225
Newton Falls	360	360
Hubbard	585	540
<b>Trumbull County General Health District Total</b>	<b>1890</b>	<b>1800</b>
Warren 1	1080	1035
Warren 2	1170	1125
<b>Warren City Health District Total</b>	<b>2250</b>	<b>2160</b>
Niles City	1125	1125
<b>Niles City Health District Total</b>	<b>1125</b>	<b>1125</b>
Girard City	855	855
<b>Girard City Health District Total</b>	<b>855</b>	<b>855</b>
<b>Total for all Health Districts</b>	<b>6120</b>	<b>6120</b>



**VACCINATE YOUR DOGS, CATS AND FERRETS FOR RABIES AND KEEP THEM CURRENT! IT'S THE LAW!**

# Trumbull County Child Fatality Review Board

## 2011 Annual Report

During the year of 2010, thirty-four deaths occurred to children in Trumbull County whose deaths were reviewed by a 3 member sub-committee before presenting the cases to the full board. Cases from the previous calendar year are reviewed. The full board meets on a quarterly basis.

Upon reviewing these cases the various agencies of Trumbull County work together to educate the public on preventable deaths. We also encourage community and individual involvement in recognizing risk factors that may contribute to child deaths.

### Trumbull County Child Fatality Review Board Members

**Board Chair:** Dr. James Enyeart

*Trumbull County Health Commissioner*

James Dobson

*Girard City Health Commissioner*

Diane Barber

*Assistant Prosecutor to Child Assault Prosecutor Team*

Nick Kerosky

*Trumbull County Children Services Board*

Darleen Shope

*Trumbull County Children Services Board*

April Caraway

*Director of Trumbull County Mental Health and Recovery Board*

Robert Pinti

*Warren City Deputy Health Commissioner*

Dr. Germaniuk

*Trumbull County Coroner*

Shelley Mazanetz

*Chief Forensic Investigator*

Dr. Firster

*Trumbull County Deputy's Office*

Sandy Swann RN BSN

*Trumbull County Health Department*

Randee Shoenberger RN

*Trumbull County Health Department*

Judi Roman

*Trumbull County Health Department*

## Child Fatality Review Board

### 2011 Activities

The 3 member sub-committee met to gather data, review the deaths and select cases for full review by the full board. There were thirty-four deaths to children below the age of 18 years in Trumbull County during 2010.

(Thirty-three cases were reviewed and one case is pending investigation.)

Note that of these cases, seven were *accidental* deaths and thirteen were *complications from premature births*.

#### Meetings and activities attended:

Ohio SIDS Risk Reduction and Safe Sleep Practices, March 21<sup>st</sup>.

Participated in Howland's Safety Town, June 24, 2011

"Getting to the First Birthday" Reducing Infant Mortality, May 20<sup>th</sup>, 2011

Bridges Out of Poverty, September 30, 2011

"United Way Health and Wellness Vision Council/ Infant Mortality Task Force" (a tri- county collaborative committee.

#### Initiatives:

Since we are seeing increased media coverage of certain topics that young adults are involved in that carry serious consequences, we asked community agencies to speak about these issues to our board in order to address dissemination of educational materials to the public.

Carrie Anderson, Trumbull County Educational Service Center, presented the topic "Bullying" to the CFR Board.

Lauren Thorpe, Trumbull County Board of Mental Health and Recovery presented the topic of the Opiate Task Force to the CFR Board.

Sandy Swann RN BSN, Trumbull County Health Department, presented the topic "bath salts".

#### Future Plans:

Continue to work with community partners regarding sleep related deaths.

Participate in United Way Vision Health and Wellness Council/Infant Mortality Task Force.

Educating the public and community partners on preventable deaths due to carbon monoxide poisoning.

Participate in Ohio Department of Health's statewide campaign to reduce sudden Infant Death Syndrome (conference calls, face to face meetings).





## 2011 Health Education Annual Report Mel Milliron, C.H.E.S.

In year 2010 the Health Department wrote for and received a five-year Creating Healthy Communities Program (CHCP) grant. The CHCP is designed to enhance local communities' abilities to develop and implement policy, systems, and environmental change strategies that can help prevent or manage health-risk factors for heart disease, stroke, diabetes, cancer, and obesity.

**Specific activities:** All interventions are directed toward reducing tobacco use and exposure, promoting physical activity and healthy eating, improving access to quality preventive health care services and eliminating health disparities.

**Ultimate goal:** Affect changes in policies so that positive changes are permanent.

**Settings:** Projects must address worksite, school, healthcare and community settings.

**Risk Factors:** The focus is on the modifiable risk factors including tobacco, physical activity, nutrition, blood pressure, diabetes and cholesterol, cancer, COPD and other chronic diseases.

**Morbidity Data:** In Trumbull County Residents scores are worse than state scores in all of the following risk factors: Smoking 21.9%, Male Smokeless Tobacco Use 5.3%, Overweight 37.45%, Smoking During Pregnancy 25.15%, Low Birth Weight Babies 9.2%, Lack of Fruit and Vegetable consumption by men is at 84.6%. Over all 27.3% have high blood pressure and 8.0% have Diabetes.

**Mortality Data:** For cancers of the Lung and Bronchus, Trumbull County has a rate of 80.4 while Ohio is at 75 and the US is at 63.9 the Target Communities are above 105.7. Trumbull County is the 5<sup>th</sup> worse (55%) in NE Ohio for selected chronic disease mortality. Trumbull County is the 23<sup>rd</sup> worst in the state for Heart Disease.

**Collaboration:** The project director must work in collaboration with other agencies and groups to reach statewide objectives.

**Trumbull County Healthy Community Coalition:** A coalition of agencies and individuals was developed. The purpose of the coalition is to reduce chronic disease in target areas. The coalition meets on a quarterly basis with the Health Educator acting as the coordinator.

**Action Plan:** An action plan was developed that targets educational, environmental change and policy/regulation strategies.

## Creating Healthy Communities Projects 2011

### **2011 Grant Activities**

The bulk of the impact objectives are in training community leaders, educators, health care professionals and employers on the development of policies, systems and environments so that residents can live a healthy life style.

#### **Schools**

- Action For Healthy Kids- Nutrition/Physical Activity workshops
- Farm to School Conference
- Body Mass Index Roll Out
- Coordinated Approach To Child Health training for after school programs
- Parent Engagement Workshops
- Food Service Workshop
- Mini-Grants-Physical Activity, Nutrition, Tobacco, Chronic Disease

#### **Community**

- Community Garden Project includes classes and produce sales
- Faith Based Conference
- Faith Based mini-grants
- Bicycle Bill Boards
- Bicycle survey
- Dining With Diabetes
- Bicycle Event
- Healthy Community Checklist/SWOT Analysis

#### **Health Care**

- OUNCE of Prevention training/childhood obesity
- 5A's Training/smoking cessation
- Chronic Disease Self Management classes
- Best Practices in Glucose Monitoring
- Childhood Obesity Conference
- Blood Pressure Up-Date

#### **Work Site**

- Work Site Resource Guide
- Work Site Conference
- Work Site Mini-Grants

# **Highlights of the 2011 CHCP Grant Training Opportunities**

## **School Food Service Training**

The Health Department sponsored a workshop for school food services staff that addressed the new SB 210, Farm To School, Healthy Desserts, and Emergency Preparedness. There were eighty-seven in attendance. There were representatives from five Ohio counties plus two Pennsylvania counties, twenty-six school districts and eight agencies.



## **Farm To School**

A Farm To School workshop was held to encourage schools to purchase from local growers. It also was a way to introduce local growers to the needs of the schools.

## **Action For Healthy Kids Zone Four**

A workshop focusing on Critical Health Issues of children and their link to academic performance were held for school staff. There were fifty in attendance.

## **Coordinated Approach To Child Health**

Two workshops were held for teams of after-school staff.

## **Faith Based Conference**

We held our second Faith Based conference in May. This program was designed to address the strategies, tools and resources that will help the faith based community improve the health of parishioners. Thirty-five people from fifteen churches attended.

## **Childhood Obesity Conference**

This conference focused on the causes, results and prevention of Childhood Obesity. Eighty-one professionals from forty-eight agencies and eleven counties attended.

## **Worksite Wellness**

A worksite wellness conference focusing on creating a culture of wellness was held. There were sixty-one people in attendance from thirty-three businesses and agencies. The participants were from four counties plus Pennsylvania.

## **Training Summary**

In 2011 the CHCP staff was involved in 14 training opportunities. There were 397 people in attendance from 132 agencies and businesses. There were 15 Ohio counties impacted, plus 4 Pennsylvania counties.

## **Highlights of other 2011 CHCP Grant Activities**

### **Community Garden**

The Victory Garden in Warren has increased in size. A use survey was completed. 99% of the gardeners who responded said they have increased their consumption of vegetables. 100% say they share their produce with family and friends.

### **Bicycle Survey**

A bicycle use survey was done with county employees. Results can be gotten through the Health Promotion Department.

### **Bicycle Billboards**

The grant sponsored three billboards encouraging people to bicycle more, and to bicycle safely.

### **Mini-Grants**

Mini-grants were awarded to three churches, two schools and two work-sites. The purpose of the mini-grants is help agencies improve policy and practice in the areas of nutrition, physical activity and tobacco avoidance.

### **Other Coalition Involvement**

As part of the grant, the Health Educator is an active member of the following coalitions and committees.

- Trumbull County Healthy Community Coalition-Coordinator
- Trumbull Coordinated School Health Coalition-Coordinator
- Action For Healthy Kids Zone Four Committee
- Friends of the Western Reserve Greenway
- Trumbull Memorial Hospital Foundation  
Community Relations Committee
- The Ohio State University Extension Advisory Board
- UAW/GM Diabetes Work Group
- Community Concerned Citizens II-Secretary
- American Heart Association Board
- American Cancer Society Board
- Colorectal Cancer Coalition
- Presentations and Lectures

Presentations were made throughout the year on physical activity, nutrition, tobacco use, coordinated school health, healthy communities & healthy schools. Presentation sites and audiences included, but were not limited to, Kent State University Trumbull Campus, WIC, Warren City Schools, Liberty Schools, Ohio Health Educator Institute, School Nurses & the Ohio Department of Health.