



2007 Annual Report

Trumbull County General Health District

176 Chestnut Avenue, N.E.

Warren, Ohio 44483

www.tcbh.org

Vision 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

2007 TRUMBULL COUNTY BOARD OF HEALTH

<u>Name</u>	<u>Address</u>	<u>Term Expires</u>
Dale Appis	1000 S. Park Dr., Brookfield	March 2008
William Hagood	99 S. Outer Dr., Vienna	March 2009
Dr. Pat DiTommaso	6265 Sodom Hutchings Rd., Liberty	March 2010
Donald Scott Thompson	724 Yankee Run Rd., Masury	March 2011
Robert Biery, Jr.	1750 Braceville Robinson Rd., Southington	March 2012

2007 TRUMBULL COUNTY DISTRICT ADVISORY COUNCIL

Fred Hanley	Chairman
Walt Emrick	Vice Chairman
Rebecca Whitman	Secretary

2007 TRUMBULL COUNTY HEALTH LICENSING COUNCIL

<u>Name & License Group Representation</u>	<u>Address</u>	<u>Term Expires</u>
Robert A. Rieke Recreational Parks/Camps	3959 St. Rt. 305, Southington	March 2010
Sheryl L. Albright Food Service Operations	6278 Chestnut Ridge Rd., Hubbard	March 2010
William Hagood Manufactured Home Parks	99 S. Outer Dr., Vienna	March 2011
Thomas Sutcliffe Swimming Pools	RDW Co., 6600 Seville Dr., Suite #1, Canfield	March 2011
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

176 Chestnut Avenue, N.E.
Warren, Ohio 44483

Phone: 330-675-2489
Fax: 330-675-2494
Email: health@tcbh.org

www.tcbh.org

You can e-mail individual
employees by using their first
initial & last name @ tcbh.org

How We Served You in 2007:

Immunization of Children & Adults
Blood Tests for Lead
Screening of Students for Vision & Hearing
Newborn Home Visits
Bureau of Children with Medical Handicaps
(BCMh) Diagnostic Applications
Animal Bite Investigations
Animals Tested for Rabies
Car & Booster Seat Classes
Nuisance Complaint Investigations
Manufactured Home Park Inspections
Park/Campground Inspections
School Inspections
Public Swimming Pool Inspections
Water Sample Collection
Real Estate Evaluations
Food Service/Retail Food Establishment
Inspections
Plumbing Inspections

Trumbull County Health Department Personnel — 2007

Justin Bechtel, R.S., Public Health
Sanitarian (*Resigned 2/5/07*)

Sharon Bednar, Secretary

Johnna Ben, Administrative Secretary

Jodi Cesene, Health Educator/Planner

Jan Chickering, Medical Assistant

Beverly Cope, Medical Assistant

Richard Curl, R.S., Public Health
Sanitarian

Daniel Dean, Network Computer
Systems/Data/Medical Coordinator

Rick Dezzi, S.I.T., Public Health
Sanitarian

Loretta Ecklund, R.S., Public Health
Sanitarian (*Resigned 1/12/07*)

James Enyeart, M.D., Health
Commissioner

Kevin Francis, R.S., Public Health
Sanitarian

Greg Hall, S.I.T., Public Health
Sanitarian

Rodney Hedge, R.S., Public Health
Sanitarian

Judith Roman, R.N., Clinic
Coordinator

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

Selene Layton, R.N., Director of
Nursing

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., Public Health
Nurse

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

Sharon O'Donnell, Secretary

Julia Paolone., Secretary

Mary Ellen Pilgrim, R.S., Public
Health Sanitarian (*Retired 5/31/07*)

Joseph Pink, R.S., Public Health
Sanitarian

Gina Ross, Health Educator/Planner
(*Resigned 2/7/07*)

Rebecca Rozzo, R.S., Public Health
Sanitarian (*Resigned 1/30/07*)

Lucinda Sentner, R.N., Public Health
Nurse

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

Kris Wilster, S.I.T., Public Health
Sanitarian

Financial

The Trumbull County Health Department is pleased to submit this Annual Report to the Trumbull County Health District Advisory Council at its annual meeting.

Upon reviewing this report, 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 some of our many programs.

The Health Department receives funding through various grants, fees, state subsidy and inside millage of .15. The increase in revenue over the last few years stems largely from the new tipping fees that were put into effect by the state of Ohio for all construction &

demolition debris landfills.

The breakdown below for the Health Department's income and expenses for year 2007 is based upon figures reported to the Ohio Department of Health for the Annual Financial Report of Local Health Departments for Calendar Year 2007.

<u>2007 - Total Funds Available</u>	
\$3,251,818.78	
**2006 Carry Over Balance	\$592,407.25
Local General Revenue	398,192.01
Contracts with Other Cities	39,486.49
Personal Health Services (<i>Nursing</i>)	123,575.50
Environmental Health Fees	1,310,678.75
Locally Funded Proj./Special Contracts	
- Health Promotion	31,728.04
- Preparedness	1,269.54
Donations (<i>Car Seat Program</i>)	6,364.00
Miscellaneous (<i>Jury Reimb., MRC, Health Ins. Reimb., Telephone Reimb., etc.</i>)	28,937.86
State Subsidy	49,681.34
ODH State Funded Proj./Grants	669,498.00

<u>2007 Expenses</u>	
\$2,850,808.17	
*Personal Health (<i>Nursing</i>)	\$759,918.01
*Environmental Health	1,363,971.14
*Health Promotion	113,734.95
*General Administration	530,460.02
Laboratory/Clinical	5,834.05
Laboratory/Environmental	76,890.00
*These figures include salaries and fringe benefits.	
**Carry Over Balance includes grant monies and is included in the overall 2007 "Total Available Funds" figure listed above.	

Health Department Employees as of 12/31/07

Administrative Staff	7 (1 Part-Time)
Health Educator	2 (1 Part-Time)
Medical Assistants	2
Sanitarians	*11
Plumbing Inspector	1
Nurses	**7

*Includes Director of Environmental Health

**Includes Director of Nursing

James J. Enyeart, M.D. Health Commissioner

2007
Annual Report

This past year has been busy with the implementation of new legislation in three major areas of public health. These three areas are Home Sewage (H.B. 119), School Inspections (H.B. 203 a.k.a. Jarod's Law), and of course the Ban on Smoking in Public Places. The home sewage regulations were suspended mid-year and an interim set of regulations were adopted until the new regulations can be re-reviewed. All three of these sets of regulations are important to public health, but no additional revenues were allocated for their enforcement. The following explains our approach to these initiatives.

No program at the Health Department has attracted as much attention as that of Home Sewage. This of course has been across the state as well. The newer, more stringent regulations were adopted in January of 2007 and then suspended in July of that same year. There were several technical issues that were at the heart of the new regulations. These more stringent standards on performance were projected to raise the cost of these systems and in view of the economics of the times, it was thought that postponing their implementation would be prudent.

The reversal of the new regulations actually allowed the health department to revert back to regulations in place prior to January 2007. We had been comfortable with the previous regulations and hence were just as happy to revert back to the earlier rules.

The other issue of course is that of sand filtration on discharging systems. This has been a topic of great interest to many because of the size and appearance of these filters. Some have questioned the need for such filters. Others have wondered if there are acceptable alternatives to sand filtration. I hope to prove that the need for filtration is an essential element to waste water treatment, but have also suggested to our state officials that they consider newer filtration technologies that may offer some important additional advantages for some property owners.

First, are sand filters, or a functionally equivalent alternative, really important? Yes, if you accept the view that it is not acceptable merely to "dispose" of human waste in a manner that exposes others to the dangers of human disease either directly or indirectly through the contamination of surface or sub-surface ground water. It's well known that the passage of polluted water through soil or media traps the contaminants and clarifies the water. In soil, the trapped pollutants then undergo bio-degradation, thereby eliminating the possibility of the spread of disease producing organisms.

One of the more durable methodologies for filtration uses sand. Here the sand replaces the use of soil to cleanse and purify waste water. We have been investigating peat and fabric filters as well. These technologies, although not new, are less prevalent and offer some advantages in terms of size, filtration capacity, placement, etc. Without their removal, disease agents such as protozoan parasites, sporulating organisms like tuberculosis, enteric bacterial pathogens and many enteric viruses can live for days, weeks and even years once released to the surface of the ground. The need for so many filtering devices is present in Trumbull County because of poor planning and application of existing home sewage regulations through the 80's and the 90's.

Since the early 80's, many counties actually severely curtailed the use of off-lot systems. One individual told me that you could count on one hand the number of off-lot systems permitted in his county in a calendar year. At the same time there were hundreds of such systems being permitted in Trumbull County. Multiply this effect by 20 years and you have a potentially serious problem as was seen in Ottawa County in 2004. Small lot sizes, the need to rely on nearby wells for drinking water, and the lack of adequate treatment of discharging system effluent created the problem there and could easily be replicated here.

I have been told by the Ohio EPA that they have documented significant improvement in the water quality of one of the water sheds located in Trumbull County since the institution of more stringent home sewage regulations.

Jarod's law was named for a little boy who was killed when a table collapsed upon him while at school. This spurred the development of legislation to prevent such instances from occurring again. The law requires a complete and thorough review of many health and safety issues. In addition, schools are required to keep thorough records about equipment purchases made, the structural safety of the buildings and the quality of the indoor air. These reviews are required to be reported to the state on a regular basis.

The state provided a small stipend to be used to purchase the testing equipment, but has offered no other support for the vast amount of time that will be necessary to complete the inspections and the reports that those inspections generate. Of course the school system will be responsible for contracting with environmental consultants and engineers in order to evaluate the safety of the school environment. The legislature has appropriated no monies for this either.

Lastly, the state finally imposed a ban on smoking in many public paces. Why? The worry is the cost in dollars to society and the cost in lives to families. In fact, substance abuse (tobacco, drugs, and alcohol) is a problem statewide, as well as here. Many in the medical profession believe that smoking is a habituation rooted in the regular use of the drug nicotine.

Again, the regulations are unfunded and complex. Many owner/operators of bars feel disadvantaged by the ban. In fact, I agree when other of their competitors in the community do not voluntarily cooperate. We have investigated dozens of complaints since the ban became law. Unfortunately, more than a few employers both small and large have had difficulty complying and these are being prosecuted to the extent that the law demands.

Having lost many family members and patients to smoking related diseases, I am well aware of the horrible suffering caused by that habit. Unfortunately, one doesn't suffer the consequences of smoking related illnesses until long after the damage has been done. This delayed reaction doesn't give smokers warning symptoms early enough such that it would help them stop.

One would think that the competitive business environment that exists in today's markets would influence employers to go all out to reduce any behavior that would add to the cost of employment, i.e. lost time from illness, rising insurance premiums, etc. What's more, the employee himself or herself is at increased risk of morbidity or mortality, especially in the context of a family history of cardiovascular disease, the use of oral contraceptive pills, the presence of other co-morbid conditions, etc.

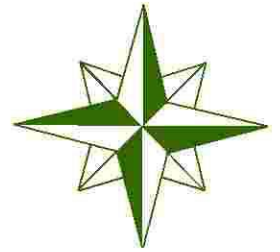
In addition to the enforcement actions noted above, the health department has been engaged in promotional activities geared to keep young people from smoking. The costs of these programs have been underwritten by grants applied for by our local health districts.

Sincerely,

James J. Enyeart, M.D.

Health Commissioner

Environmental Division



2007 presented another challenging year for the environmental division of the health district. Not only did the environmental division face dealing with several regulatory changes, but it also had to deal with personnel modifications. These two issues resulted in a deviation of normal work activities to that of classroom, computer and teleconference training sessions.

There were several new laws and regulations that took effect in 2007. The major amendments effected the home sewage program, school inspections, smoke free workplace and placement of homes within a manufactured home park. The following briefly explains the major changes to each program.

First, in January 2007, the new state home sewage regulations took effect. The regulation transformed simple sewage disposal systems to that of complete treatment systems. Often these treatment systems involved a higher skill of designing; thus, many sewage system installers would not attempt to develop these systems. This resulted in an increased cost to design and install systems, and almost brought the program to a halt. By the time many regulators and installers were adjusting to the program, the state legislature passed Amended H.B. 119. This rescinded most of H.B. 231 and re-enacted the 1977 home sewage system rules. However, it still required property owners to obtain a National Pollutant Discharge Elimination System (NPDES) permit for all replacement discharging sewage systems.

Second, the Ohio Department of Health promulgated the regulations governing school inspections. These regulations took effect September 2007. In the past, there were no regulations for school districts in Ohio to deal with public health. There were merely guidelines for health districts to follow for basic sanitation in the structures. Today, the inspections will not only involve sanitation issues, but they will also involve safety issues, exterior inspections, indoor air quality issues and abatement of dangerous products and conditions. An inspector is now required to inspect the exterior school grounds, unloading zones, playground areas, refuse disposal areas, athletic facilities, indoor general classrooms, science rooms, art rooms, as well as all other indoor rooms, storage, and hallways. Moreover, the school districts must conduct routine roof inspections, HVAC inspections, and quarterly inspections of recalled and dangerous products and supply that information to the health district.

Third, the Ohio Department of Health promulgated the regulations governing the smoke-free workplace law passed by Ohio voters. The regulations define the workplace and restricted locations where smoking cannot occur. It also mandates that "No Smoking" signs be posted and all ashtrays removed from these facilities. It also established a protocol for filing complaints and investigating allegations. Finally, it established the means to violate and fine justified infractions and established an appeals process. The program is being initi-

Frank Migliozi, R.S.

Director of Environmental Health

ated by both the environmental division and the nursing division of the health department.

Finally, in July of 2007, the Manufactured Home Commission passed a set of regulations to dictate a means of placing manufactured homes within manufactured home parks. This process involves training and certification of the inspector, as well as, the installer being certified by the Commission. Installations now require a permit be obtained from the Ohio Department of Health or the local authority who has signed into agreement with the state. The Trumbull County General Health District signed into agreement with the state in September 2007. In addition, there are three separate required inspections consisting of a footer inspection, electrical inspection and a final inspection. Once all inspections have been passed, a state seal is placed on the home and the structure may be occupied. Besides the several changes to regulations, the environmental division experienced four changes in personnel. This was due to a retirement, resignations and an increase in workload. New to the environmental division in 2007 are the following:

- Kris Wilster works in the home sewage program, operation & maintenance sampling, and Smoke Free Workplace programs.
- Greg Hall works in the home

sewage program, operation & maintenance sampling and manufactured home park installations.

- Rick Dezsi works in the food service and retail food establishment inspection program, school inspection program and the smoke-free workplace program.
- Julie Paolone conducts various clerical duties for many of the programs in the environmental division.

Lastly, in the fall of 2007, the Trumbull County General Health District was successful in obtaining a program through the Ohio EPA Water Pollution Control Loan Fund to assist homeowners in financing to abate

septic issues. The program is administered through the environmental division of the health district and can be used for the upgrade of a septic system or to connect to a sewer line. This program can give the property owner a low interest loan at varying repayment durations. The homeowner must first obtain a certificate of qualification from the health district which states that an installation permit has been obtained, or that an order to connect to sewer has been issued. Next the homeowner must take the certificate to one of the participating institutions to solicit the loan.

For further information, please contact the environmental division of the health district.

Environmental Programs:

- Household Sewage Treatment System
- Operation & Maintenance Inspections
- Real Estate Evaluations
- Plumbing
- Nuisance Abatement
- Solid Waste Investigation
- Tattoo & Body Piercing
- Semi-Public Sewage Treatment Systems (H.B. 110)
- Food Service
- School Inspections
- Manufactured Home Parks
- Recreational Parks/Camps
- Public Swimming Pools
- Private Water Systems
- Smoke Free Workplace

Link Deposit Fund Loan Program

In 2007, the Trumbull County Health Department applied, was approved, and received notification from the Ohio EPA that the Link Deposit Fund program would be available to Trumbull County residents.

The Link Deposit Fund is a low interest loan program that can be used by Trumbull County residents that have a failing existing sewage system and are under orders of the Board of Health to repair/replace said system with an on-lot system or new state approved off-lot system **only** that obtains an NPDES permit. Alterations to off-lot systems that involve maintaining the primary treatment component (and thus a NPDES permit will not be required) are NOT eligible. It may also be used for the purpose of lateral connections and tank abandonment for mandated sanitary sewer connections. **IT MAY NOT BE USED FOR ANY NEW CONSTRUCTION PROJECT.**

The participating institutions in this program are Cortland Banks (all branches within Trumbull County), Home Savings and Loan (all branches within Trumbull County) and Farmers National Bank (all branches within Trumbull County).

Operation & Maintenance Program for Home Sewage Treatment Systems

Greg Hall, S.I.T. & Kris Wilster, S.I.T.—Inspectors

The 2007 calendar year brought about two new sanitarians, Greg Hall, S.I.T. and Kris Wilster, S.I.T. They quickly came up to speed on rules, regulations and procedures regarding the operation & maintenance of Levels 1-5 Household Sewage Treatment Systems. While inspecting the systems, the sanitarians educated, and continue to educate, all interested homeowners in the proper use and operation of their septic system. Many homeowners appreciated this since there is a lot of misinformation being spread from uninformed sources.

Approximately 500 Level 1 sewage systems were inspected. This included a visual inspection of all mechanical components. Approximately 120 Level 2 on-lot sewage

systems were inspected. This entailed a visual inspection of the trash trap, aerator, splitter box and obtaining a sample for a Bio-Oxygen Demand/Suspended Solids (BOD/SS). Approximately 1,500 Level 3 off-lot sewage systems were inspected. This involves visual inspection of the trash trap, aerator, dosing chamber & sand filter (if applicable), chlorinator, dechlorinator or ultraviolet system. A sample of the sewage effluent is also obtained for a BOD/SS and fecal test. Approximately 80 Level 4 & 5 sewage systems (Temporary Fixes) were inspected. Sewage systems classified as “Temporary Fix” systems, are failing sewage systems that are not required to install a full upgrade because sanitary sewers are eminent in the area, but are required

to abate the nuisance through other means. The inspection on these systems entail visual inspection of the trash trap, aerator (if applicable) and chlorinator. We also ensure that the septic tank pumping is current.

We also found that ultraviolet systems performed more reliably than chlorinator/dechlorinators due to the fact that the chlorinator/dechlorinators demand too much homeowner maintenance.



Plugged Up Sand Filter

Plumbing— Robert O’Connell, C.P.I., Certified Plumbing Inspector

Two new programs were added to the department in 2007. These were “Plumbing Inspections for New Sewer Projects” and “Inspections for Manufactured Home Park Installations”.

New sanitary sewer projects have become very popular in Trumbull County. Before 2007, the discharge from a septic system was tied into the sewer line without inspection. With the cooperation of the Sanitary Engineer’s office, the Trumbull County Health Department now inspects the house plumbing to ensure that all gray (used) water is going to the sewer and that all clear water (footer) is going anywhere but the sewer.

This means that basement laundries and bathrooms are now going to the sewer and not directly to the ditch or stream as they had been directed. Elimination of footer water from the new sewer line increases capacity at the sewer plant treating the discharge.

Parks are now regulated under OAC 4781. This law became effective July 1, 2007, and requires that all installations of manufactured homes have three mandatory inspections. The first inspection is of the foundation, second inspection is of the electrical feed from the meter to the breaker box and the final inspection insures that the unit is properly blocked, tied down correctly, and that the utility services within the unit work properly.

This regulation is a major change for manufactured home park operators and installers. The cooperation that Trumbull County has received, and continues to receive, from the operators and installers is what has made this regulation a success and has made for safe and affordable housing now and in the future.



Example of Manufactured Home Park Inspection State Seal

Food Service Operation & Retail Food Establishment Program

Dianne Simon, R.S. & Rick Dezsi, S.I.T.

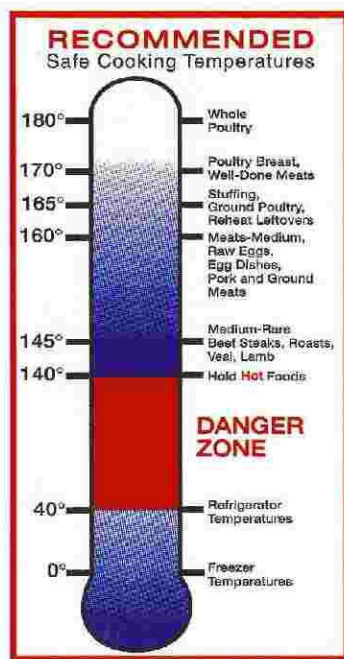
Operating under the uniform Food Code, not many changes have occurred in the world of food safety.

The most controversial rule change, not limited to food, but certainly affecting some operations, mostly bars, is the ban on smoking in all public buildings. Many bars and private clubs tried to get around the ban, looking for any possible exemption, to no avail. After initial warnings were issued, several establishments were fined for repeat violations. Several bar owners have resorted to building outdoor decks to accommodate smoking patrons.

A proposed change in the food protection regulations is date marking on certain foods that have been prepared by a food processing plant. The original rule states that date marking provisions apply when the original container is opened and the food is to be held longer than 24 hours—the product must be date marked for 7 days, and discarded after the 7th day. The proposed amended rule provides exemptions for items such as deli salads, hard cheeses, semi-soft cheeses, cultured dairy products, preserved fish products, shelf stable, dry fermented sausages and shelf stable salt cured products.

The general guidelines to food safety remain the same. Four main guidelines should be followed to prevent foodborne illness. They include:

Clean—Wash hands & surfaces often. Wash hands with warm soapy water for 20 seconds before & after handling food. Wash cutting boards, dishes, etc., with hot soapy water after preparing each food item. Wash fruits and vegetables with cold water before using. There is no need to wash or rinse meat or poultry.



Separate—Do not cross-contaminate. Separate raw, cooked & ready-to-eat foods. Never place cooked food on a plate which previously held raw meat, poultry, or seafood.

Cook—Cook food to proper temperatures to be sure bacteria and pathogens are destroyed. Use a food thermometer to be sure.

Chill—Refrigerate promptly. Refrigerate or freeze perishables, prepared foods, and leftovers within 2 hours or sooner.

Consumers with food safety questions can phone the toll free USDA meat and poultry hotline at 1-888-MPHOTLINE from 10:00 A.M. to 4:00 P.M. Monday—Friday.

"Cook food to proper temperatures to be sure bacteria and pathogens are destroyed."

Solid Waste and Construction & Demolition Debris Programs—Kevin Francis, R.S.

The Trumbull County Health Department receives funding from the Geauga Trumbull Solid Waste Management District (GTSWMD) to provide various enforcement activities, which include investigation of complaints of open dumping and inspection of solid waste facilities. The GTSWMD sponsors recycling collection events throughout the year. Trumbull County has 30 recycle drop-off sites. These locations can be found at www.startrecycling.com.

In July 2007, the Trumbull County Health Department, in collaboration with the GTSWMD and the Trumbull County Sheriff's Department, created a policy and procedure for handling solid waste and open dumping complaints. The Trumbull County Sheriff's Department designated a deputy from their department to be an enforcement officer who would work closely with our inspector to increase compliance and reduce the amount of cases going to the court system. During 2007, 58 solid waste nuisance complaints were received, and thus far 45 have been abated.

The Trumbull County General Health District also has one construction & demolition debris landfill licensed in Trumbull County. Weekly inspections of this site are conducted to verify compliance with their records/manifests, nature of material, unloading zone, driveway to landfill, rotor dump site, leachate ground water densities, seed pond, natural waterways and outer boundaries of the facility.

Semi-Public Sewage Treatment System Program (H.B. 110) - Steven Kramer, R.S.

Improvements were requested at a large number of registered semi-public sewage treatment systems (SPSTS). A greater portion of these were improved upon without the need of violations being cited. Unfortunately, a few instances required further legal action. Where a public health nuisance was noted, immediate action was taken. Where businesses were capable of being benefited by sanitary sewers, they were required to connect.

The increased demand for certified Ohio EPA wastewater operators saw registration of these grow considerably. Maintenance of this equipment now has greater potential of being

attended to properly. This allows for improved quality of effluent being discharged to the waters of the state.



Installation inspections are conducted at all new and existing businesses as the need develops. The inspection of the installation of Ohio EPA approved SPSTS was conducted throughout the year, and many more installations

are in the process, with yet more in the design phase. Working in conjunction with the Ohio EPA, site evaluations were conducted and several ongoing issues are being pursued. The National Pollutant Discharge Elimination System (NPDES) permitting process is ongoing for all discharging sewage systems in the state of Ohio.

The year 2007 allowed for many water quality improvements in the county, and many more are foreseen in the future. Businesses are continually reviewed to determine whether registration in the H.B. 110 program is applicable.

Licenses, Permits & Registrations

	<u>2007</u>	<u>2006</u>	<u>2005</u>	<u>2004</u>	<u>2003</u>
Master Plumbers	101	102	107	116	92
Journeyman Plumbers	48	43	47	31	43
Sewage System Installers	63	70	68	71	43
Sanitary Servicemen	24	26	26	23	23
Garbage & Refuse Haulers	18	20	19	18	15
Water Haulers	3	3	2	2	2
Tattoo/Body Piercing Establishments	7	5	4	2	3
Tattoo/Body Piercing Artists	25	16	13	11	15
Service Providers	14	12	14	14	10
Food Service Operations/Retail Food Establishments	623	632	637	642	647
Mobile Units	89	86	76	73	75
Vending Machines	143	156	166	167	177
Plumbing Permits	395	506	504	574	509
Sewage System Permits	121	903	600	500	333
<i>Off-Lots 51; On-Lots 35; Mounds 25; Band-Aids 121; Temporary Fix 10; Nuisance Complaints 186</i>	349	759	678	632	204
Preliminary Evaluations	112/33	112/10	173/6	171/7	204/6
Private Water Systems (Wells/Sealing)	33	33	33	33	32
Manufactured Home Parks	15	15	15	15	16
Recreational Parks/Camps	47	43	38	38	38
Swimming Pools	739	734	734	809	803
Semi-Public Disposal Systems	507	395	518	444	410
Real Estate Sewage Inspections	2,049	1,914	963	792	440
Permit to Operate (O&M)					

NURSING & EDUCATIONAL SERVICES DIVISION

Nursing & Educational Services

<i>Child & Family Health Services</i>
<i>Immunizations</i>
<i>Help Me Grow Services</i>
<i>Bureau of Children with Medical Handicaps</i>
<i>Trumbull County Child Fatality Review Board</i>
<i>Emergency Preparedness</i>
<i>Medical Reserve Corps</i>
<i>Car Seat Program</i>
<i>Vision & Hearing Screening</i>
<i>Communicable Disease Investigation</i>
<i>Rabies</i>

Public Health Nursing is very different from what most people think about when they hear the word “nurse.” Our nursing staff includes seven Registered Nurses and two Medical Assistants. Most people know that we provide immunizations but little else about what we do so I’d like to provide the:

“ABCs” of Public Health Nursing.”

- A.** Assessment of community needs
AFIX (Assessment, Feedback, Incentives & eXchange) in private physicians’ offices
- B.** Bureau for Children with Medical Handicaps
- C.** Communicable disease investigation
Car seat classes
Child Fatality Review
- D.** Dog bite reports
- E.** Emergency/ Bioterrorism planning
Epidemiology
Education
- F.** Folic acid education
Flu shots
- G.** Ground baiting for rabies
- H.** Help Me Grow Program
Health fairs
- I.** Immunizations
In-services
- J.** Jack of all trades
- K.** Kids applications for Healthy Start
- L.** Lice checks and education
Lead Prevention Program
- M.** Medical Reserve Corp leadership and training
Maternal Depression Screening
MOBI (Maximizing Office Based Immunizations)

- N.** Newborn Screenings
- O.** Obesity prevention program in preschools
- P.** Pregnancy tests and referral
Pandemic planning
- Q.** Quality Assurance
- R.** Rabies investigations and education
- S.** Safe Kids Coalition
Sight for Students program
Statistics
- T.** Training
- U.** University collaboration (student experience)
- V.** Vision screening
- W.** WIC referrals and presentations
Write grants
- X.** X-tra special care
- Y.** Yearly grants
- Z.** Zoonosis surveillance

As you can see Public Health Nurses and staff wear a variety of hats as they attempt to provide comprehensive, preventative health care to the residents of this county. The pages that follow provide a more in depth explanation of programs and accomplishments of the nursing department. It is my hope that this report gives the reader a clearer picture of “Public Health Nursing” as well as the dedication of the Trumbull County Health Department nursing staff and their commitment to the health and well being of the residents of this community.

Selene Layton, BA, RNC
Director of Nursing Services
Trumbull County General Health District

Other Nursing Division Programs

Besides the Programs listed above, the nursing staff also provides in-service and educational programs, participates on community committees and advisory boards, and collaborates with the other Trumbull County service agencies to help insure the well being of the citizens of this community.

Child & Family Health Services



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.

In 2006, the direction of this grant changed from providing direct health care services to providing population based services. As a result, the Trumbull County Health Department no longer provides prenatal or children's clinics.

Initiatives that we have undertaken through this program include:

Community Assessment

In order to better provide programs in the county, **we do ongoing assessment of the community needs and resources.** We formed a community assessment 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.

Areas of concern identified by the committee:

- Child safety
- Early and regular prenatal care
- Maternal depression
- Daily living skills

Community assessment is an ongoing process and we welcome any member of the community to join us and provide input.

Preschool Childhood Obesity Prevention Program

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 provide six weekly sessions at area day-cares/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 four preschools in 2007.

Community Based Lead Screenings for Children One Year Six Years of Age

The major component of this program is education. The health department took a lead role in establishing the Lead Task Force Lead which is a collaboration of agencies working to increase education about lead poisoning in Trumbull County. The Task Force took an active role in providing education about lead based toys imported from other countries and met with Senator Sherrod Brown to discuss concerns about this issue.

Lead screening is offered at the health department, along with other community sites to children one year to six years of age. **We tested 121 children and did follow up with 4 who had elevated results.**

Folic Acid Education

This program aims to educate all women of child-bearing 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 152 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. According to Ohio Department of Health Vital Statistics, congenital malformations was the number one cause of infant deaths in Trumbull County in 2005. In 2006 it was the number two cause of infant deaths in Trumbull County.

Pregnancy Screening

Trumbull County Health Department is a site that provides screening for pregnancy. We use urine pregnancy tests and request a \$5 donation for the testing. No one is denied this service if they are unable to pay. This program is sponsored by the ODH Child and Family Health Service (CFHS) program.

All women who are screened are given folic acid information. Women who screen positive are given referral information and educated about healthy pregnancy habits such as keeping physician appointments, taking vitamins, healthy diet, and no smoking. Assistance is provided for application to Healthy Start and the WIC program.

This year, 2007, the Trumbull County Health Department provided **152 pregnancy tests.** Of these, 88 women tested positive and 64 women tested negative.



Immunizations



Childhood Immunization Program

The primary objective of this program is to increase age appropriate immunization levels in children under 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 and education, and assessment. There are 10 clinic sites located around Trumbull County.

79% of the clients who attended our clinics in 2007 were up to date on their immunizations by 2 years of age. 1540 children were immunized at the health department clinics.

Influenza

Public Health Nurses administered 1,330 flu shots at 12 sites around Trumbull County. These shots were administered during the months of November and December to senior citizens, adults and children with medical problems.

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, pertussis), MMR (measles, mumps, and rubella), Varicella (chicken pox) and Hepatitis B. **We provided immunizations for 390 adults in 2007.**



HELP ME GROW

This is a state program funded through Ohio Department of Health and administered through the Trumbull County Family and Children First Council. The components that the Trumbull County Health Department provides service for are:

Newborn Home Visitation Program:

This is a collaborative program of all four health departments with Trumbull County Health Department as the lead agency. It provides all parents of new infants an opportunity to have a registered nurse visit within the first six weeks after a baby is born. The nurse does a brief assessment of the baby and answers any questions or concerns that the parents may have. The emphasis of the program is to introduce new parents to the services and programs available in the community. Referrals for services are made at the time of the visit or anytime thereafter. **There were 529 home visits made by nurses in Trumbull County in 2007; 312 of those visits were made by Trumbull County Health Department nursing staff.**

Service Coordination:

Three Public Health Nurses also provide service coordination for children who need ongoing HMG services. This includes working with the families to develop a plan that addresses the family's needs and regular home visits to assist them to meet those needs.

BCMh

Bureau for Children with Medical Handicaps

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 to obtain optimum available services. 13 new diagnostic applications were process in 2007 and 242 children are enrolled on the BCMh treatment and diagnostic plans.**

THE TRUMBULL COUNTY CHILD FATALITY REVIEW BOARD

The Trumbull County Child Fatality Review Board was established in response to a law mandating that each of Ohio's counties review the deaths of children under 18 years of age. The mission of the board is to reduce the incidence of preventable deaths by: promoting cooperation, collaboration and communication among agencies that serve families and children; developing and maintaining a database of all child deaths that occur to residents of Trumbull County in order to understand the causes and incidents of those deaths; developing and recommending plans and programs that might prevent child deaths; and providing the Ohio Department of Health with aggregate data, trends and patterns concerning child deaths.

The Child Fatality Review Board is composed of representatives from the following agencies:

The Trumbull County Health Department
Trumbull County Coroner's Office
Trumbull County Children's Service Board
Trumbull County Lifelines (Board of Alcohol, Drug Addictions and Mental Health)
Warren City Health Department
Trumbull County Prosecutor's Office
Trumbull County Sheriff's Office
Trumbull County Education Service Center
Warren City Schools
Girard City Health Department

Activities of the board during 2007 included reviews of the deaths that occurred in 2006 to children residing in Trumbull County who were under the age of 18. The board met quarterly to review selected individual deaths. A five member sub-committee met several times throughout the year to gather data, review the deaths and select cases for full review by the board.

There were 32 deaths to children under 18 in Trumbull County during 2006. A total of 19 were considered natural, (from disease process, congenital anomalies or prematurity). There were 3 SIDS deaths and 2 probable positional asphyxia deaths. Also of note, 3 children expired from smoke inhalation due to a house fire and 4 from traffic accidents.

The CFR Board has begun exploring initiating a Safety Town in Trumbull County. This will be a community program organized to teach children entering kindergarten various safety issues, ie: pedestrian, bike, booster seats, poisoning, school bus and fire safety and stranger danger. We are in the process of forming committees and asking for volunteers.

We are also preparing a public service campaign on pool safety for the summer months of 2008.

A Rapid Response Kits grant has been applied for and is pending through Safe Kids Coalition. This grant would provide \$600.00 to a community for National Fire Prevention Association materials and smoke alarms to be distributed in a community where a deadly fire occurred.

A member of the Coroner's Office sits on the Trumbull County Suicide Prevention Coalition. This committee has begun a review process of all cases in an effort to identify trends and target high risk groups for prevention programs.

The Trumbull County Health Department also sponsored 2 billboards in the county to encourage women to get early prenatal care in an effort to decrease complications in pregnancy which may lead to prematurity or birth defects.

Summary of Child Deaths

Occurring in 2007

Reviewed in 2007

Total number of deaths to children under age 18 in Trumbull County =32

Coroner's Cases=18 Non Coroner's Cases=14

Natural Deaths to Children 1 year-18 years =6

Birth -1 year=7

Prematurity =1

SIDS =3

Probable Positional Asphyxia =2

Accidental =13

Fire =3

Drug Overdose =2

Homicide =1 (age 6 mo)

1 (teen)

Suicide =1

Traffic Accidents =4

A Healthy Baby...

Get a pregnancy test **Rx**
Schedule a doctor's visit
Start taking vitamins

Trumbull Co. Health Dept.
(330) 675-2590

LAMAR



BIO-TERRORISM/EMERGENCY PREPAREDNESS

We have created a consortium of 26 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 January we participated in a regional pandemic flu exercise. All four health departments in Trumbull County worked together along with the other 10 health departments in our region to test our response to an influenza pandemic and helped us to determine strengths and weaknesses in our plans. In April we collaborated with Mahoning County to plan and participate in a two county pandemic influenza tabletop exercise. 79 people from the two counties participated in this day long event. In October staff from the health departments in Trumbull County assisted at the Mahoning County Board of Health "drive through" mass flu clinic and in November Mahoning County and Youngstown City staff participated in the two Trumbull County mass flu clinics that were held at Packard Music Hall and McMenamys Banquet Center. Other participants included Warren City Health Department, Niles City Health Department, Girard City Health Department, Red Cross, Trumbull County and Niles City EMA, HMHP (St. Joseph's Hospital), Lifelines, Youngstown State and Kent State University students and instructors, Warren City Police, Trumbull County Coroner's Office, and many community volunteers. This clinic allowed us to test our ability to set up and run two large clinics concurrently and to use our MRC volunteers efficiently.

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 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.



Medical Reserve Corp (MRC)

The creation of local medical reserve corps is a national endeavor and in December Trumbull County Health Department applied for and obtained funding to develop a local MRC. We are partnering with our Emergency Management Agency, the Red Cross, and Ohio Department of Health in order to recruit, register, and train volunteers to assist if a major event occurs in this county. We currently have over 100 registered MRC volunteers.

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.

CAR SEAT PROGRAM

This program has expanded as we continue to try to meet the needs in the community. **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 Mall. These classes are staffed by Public Health Nurses who have gone to additional training and are state certified car seat technicians. Our Program Coordinator has gone one step further and is a car seat technician instructor. **248 car seats and 38 booster seats were provided at 43 classes held at the health department or hospital.** In 2007, the health department took the lead agency role for the Mahoning Valley Safe Kids Coalition and our car seat program coordinator is now the Safe Kids Coordinator. In addition our staff attended and did car seat or booster seat checks at several TCAP Head Start Family Nights as well as community based car seat checks at local auto dealerships.



AMISH SCHOOL VISION AND HEARING SCREENING

Trumbull County Health Department provides Vision and Hearing Screening for the Amish Schools in Trumbull County. The vision screening is for distance (near-sightedness). This screening is provided by the Nursing Division.

This year, 2007, we screened 15 Amish Schools in Trumbull County. We also provided vision screening for two additional schools: Mespo - Bloomfield Elementary and High School. Screening was conducted in grades 1,3,5, and 7; and any child in the other grades that warranted a concern. A total of 419 children were screened. Twenty five vision referrals and twenty eight hearing referrals were made for follow up.

SIGHT FOR STUDENTS PROGRAM



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.

This year, 2007, we processed 44 applications for this program and 30 of these were approved to receive an eye exam and glasses.

Table I: 2007 Confirmed Communicable Disease Investigations in Trumbull County (see Epi Note)

<u>Mesopotamia</u>	<u>Bloomfield</u> 1-Legionellosis	<u>Green</u> 1- Salmonella	<u>Gustavus</u>	<u>Kinsman</u> 1- Hepatitis B^ 1- Listeriosis
<u>Farmington</u> 2- Hepatitis C+ 1- Mycobacterial Other than TB	<u>Bristol</u> 1- Giardia 1- Hepatitis B 1- Salmonella 1- Strep Pneumonia<	<u>Mecca</u> 1- Campylobacter 2- Hepatitis C 1 - Mycobacterial Other than TB 1- Salmonella	<u>Johnston</u>	<u>Vernon</u> 1- Varicella
<u>Southington</u> 1- Giardia 4- Hepatitis C 1- Strep Pneumonia	<u>Champion</u> 1- Campylobacter 1- HIB 1- Hepatitis B 2- Hepatitis C	<u>Bazetta</u> 1- Campylobacter 2- Cryptosporidium 1- Giardia 1- Hepatitis B 3- Hepatitis C 1- Strep Group A>	<u>Fowler</u> 1- Campylobacter 1- Cryptosporidiosis 1- Hepatitis B 1- Strep Pneumonia	<u>Hartford</u> 1- Campylobacter 2- Giardia 1- Hepatitis C
<u>Braceville</u> 1- Lyme Disease 1- Salmonella 2- Strep Pneumonia	<u>Warren *</u> 2- Campylobacter 1- Giardia 4- Hepatitis B 25- Hepatitis C 1- HIB 1- Meningitis - Viral 1- Meningitis - Bacterial (not N. meningitidis) 2- Salmonella 1- Strep Group A 7- Strep Pneumonia	<u>Howland</u> 2- Campylobacter 2- Cryptosporidium 2- Giardia 18- Hepatitis C 1- Meningitis - Viral 1- Pertusis 7- Salmonella 1- Strep Group A 8- Strep Pneumonia	<u>Vienna</u> 4- Hepatitis C 1- Salmonella	<u>Brookfield</u> 2- Campylobacter 3- Hepatitis C 1 - Mycobacterial Other than TB 1- Salmonella 1- Strep Group A
<u>Newton</u> 3- Hepatitis B 1- Hepatitis C 1- Lyme Disease	<u>Lordstown</u>	<u>Weathersfield</u> 3- Campylobacter 1- Cryptosporidium 1- Coccidioidomycosis 1- E-Coli - 0157:H7 4- Hepatitis B 25- Hepatitis C 1- HIB 2- Legionnaires 1- Salmonella 4- Strep Pneumonia 1- Varicella	<u>Liberty</u> 4- Campylobacter 1- Cryptosporidiosis 1- Giardia 1- HIB 1- Hepatitis B 12- Hepatitis C 1- Legionnaires 2 - Mycobacterial Other than TB 1- Pertusis 4- Salmonella 1- Strep Group A 1- Strep Pneumonia 1- Varicella	<u>Hubbard</u> 1- Giardia 6- Hepatitis C 1- Legionnaires 1- Strep Group A 4- Strep Pneumonia



There were 1108 Communicable Disease Cases investigated in Trumbull County for year 2007. Of these cases, 865 are classified as confirmed cases, 118 are classified as probable cases, 96 are classified as suspect cases and 29 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—313 Cases; Girard City Health Department—18 Cases; Niles City Health Department—71 Cases; and Warren City Health Department—706 Cases (they investigate all of the reportable sexually transmitted diseases.)

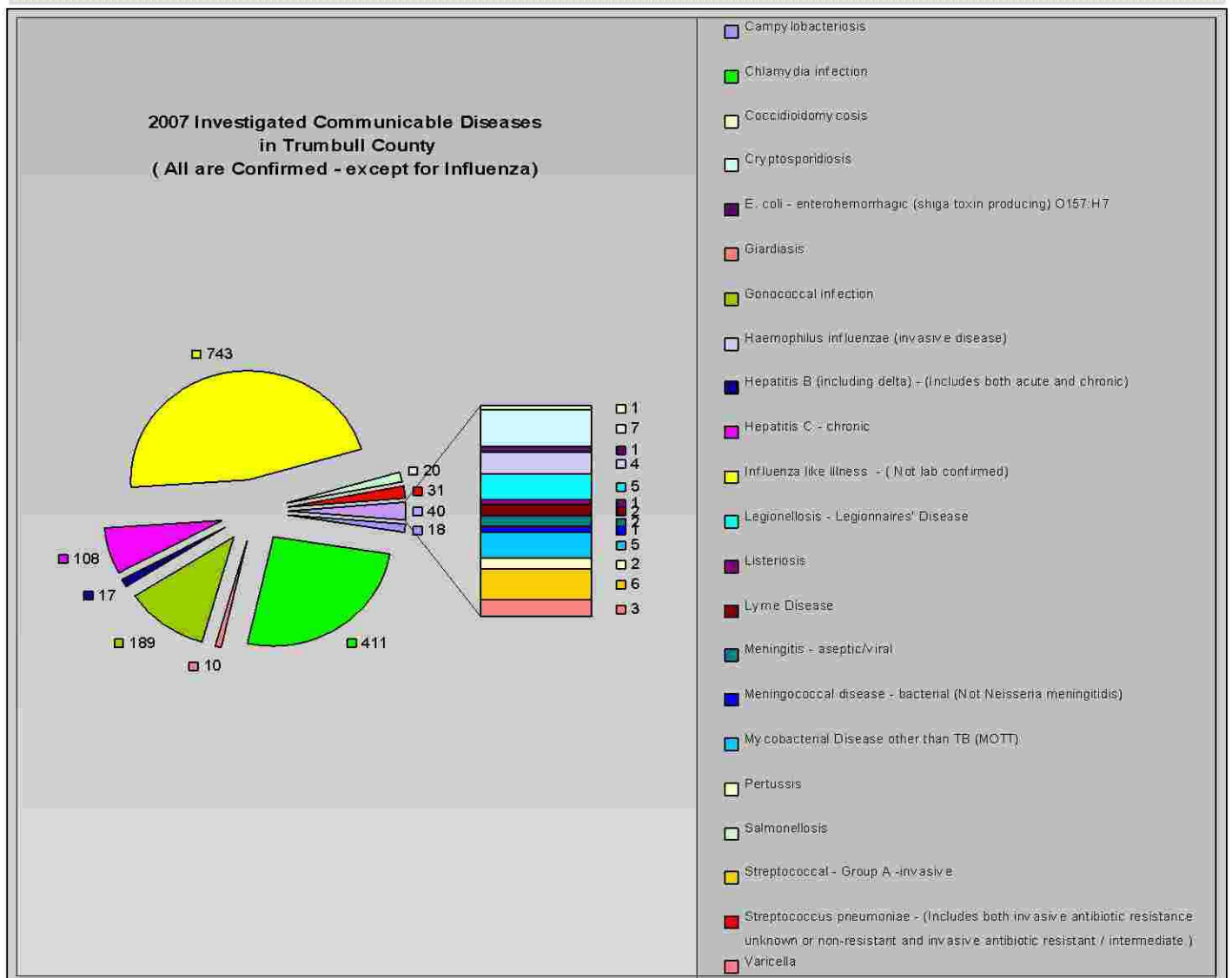
- **Table I lists the Communicable Disease Cases that were classified as confirmed in Trumbull County.** These cases are confirmed based on either laboratory confirmation; meet the case clinical definition and / or are epidemiologically linked to a confirmed case. These cases were geo-coded by the Ohio Disease Reporting System (ODRS) and Table 1 illustrates the distribution of the cases based on the ODRS coding. Table I does not include the confirmed Chlamydia and Gonococcal Infection (Gonorrhoea)—they are listed below as number of cases.

The following is a key for some of the diseases listed in the Table I:

- > Strep Group A cases includes both invasive and non-invasive.
- + Hepatitis C cases include Chronic cases only; there were no confirmed Acute cases reported.
- ^ Hepatitis B cases include both Chronic and Acute cases.
- < Strep pneumonia cases include antibiotic resistance known, unknown or non-resistant cases.

***Warren** includes cases that have zip codes ending in 81, 83, 84, 85, & 30 (Leavittsburg) that did not geo-code into any of the other townships.

- **The Graph below** illustrates the Type and Number of the Confirmed Communicable Diseases that were reported to Trumbull County.
- There were **743 Influenza cases** reported to Trumbull County Health Department by schools and nursing homes. These cases were based on symptoms and not lab confirmed. They are entered as Class B cases that are aggregated as number of cases.
- There were **411 lab confirmed cases of Chlamydia** infection and **189 lab confirmed cases of Gonococcal infection** in Trumbull County.



RABIES



2007 Oral Rabies Vaccine (ORV) Ground Baiting in Trumbull County

AREA*	# BAITS	DISTR	MILES	HOURS*
Cortland City	315	630	28.6	4.5
Hubbard City	630	630	56	3
McDonald City	360	360	32	3
Trumbull #1-	2,160	2,160	97.5	5
Trumbull #2- Liberty East	945	945	55	3
Trumbull #3- Hub-	450	450	50	3
Trumbull #4- Liberty West	630	630	32	2.5
Trumbull #5- Trumbull #6- Weathersfield Township	2,160	2,160	101	4.5
Trumbull #7- Portions of Warren Twp., Howland	1,350	1,350	64	3.5
Trumbull County General Health	10,440	10,755	558.1	35
WCHD A- Warren	720	720	20	3.75
WCHD B- Warren	675	675	15	4
WCHD C- Warren	1,035	720	17	3
WCHD D- Warren	1,080	1,080	20	6
Warren City Health	3,510	3,195	72	16.75
NCHD- Niles City	1,665	1,665	52	10
GCHD- Girard City	945	945	38	10(1)
Total	16,560	16,560	720.1	71.75

The year 2007 saw a unique change in the Rabies Program in that the Nursing Division took over the program in June. We have been very busy learning, reorganizing and implementing the program.

Rabies is a viral disease that affects animals and people and is almost always fatal. It is a very big concern for our department because Raccoon strain rabies has been found in Trumbull County in the past and is part of the area the Ohio Department of Health (ODH) has targeted for rabies elimination. **This strain of Rabies affects other wild animals and spills over into domestic animals, especially cats.**

Our department is very motivated to this program. We provide education, collaboration, surveillance, investigation and follow-up. **This year we processed and followed up on 225 animal exposures (the Pie Graph below indicates the type and number of animals.)** Fortunately, we did not identify any positive Rabies in the animals that were available for follow-up. Unfortunately, about 43 of these exposures had to receive post exposure prophylaxis due to either non compliance or unable to follow-up. **The cost of this treatment is about \$1,500 to \$2,500 per a person.**

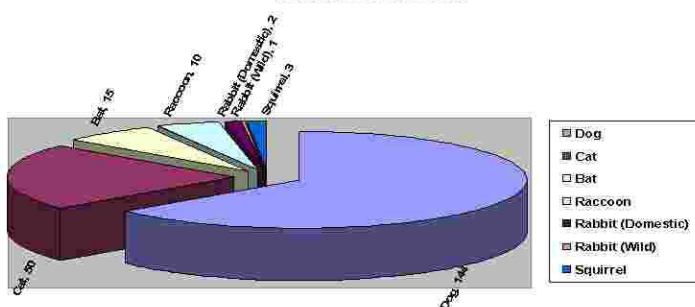
Trumbull County is part of the area ODH has designated as the "immune barrier" to help prevent Raccoon strain rabies from spreading westward and they continue to provide us with funding to accomplish this goal. Our staff coordinates ground Oral Rabies Vaccine baiting in the fall. **The Table to the right provides the numbers and locations the ORV baits were distributed fall of 2007.** We also provide year round surveillance for raccoon, fox and skunk. **We submitted 19 suspect animals: 1 Cat; 1 Squirrel; 6 Bats and 11 Raccoons for testing in 2007.** They all resulted negative for Rabies.

Education is a primary focus for us. We provide information and education to the public and on all of our follow-ups. Since Rabies is a fatal disease and treatment is very costly, an ounce of prevention is worth a pound of cure. **There have been no positive Raccoon strain rabies cases in Trumbull County since 2005 and we would like to keep it that way.**

*There were 315 baits returned from Warren City Health Department - These were distributed in Cortland.

** Bait was distributed in Teams of two except where indicated.

2007 Reported Animal Bite / Rabies Exposure Events in Trumbull County General Health District



- AVOID CONTACT WITH WILDLIFE AND ANIMALS YOU DO NOT KNOW!
- VACCINATE YOUR DOGS, CATS AND FERRETS FOR RABIES AND KEEP THEM CURRENT!





Health Education

Mel Milliron, C.H.E.S.
Jodi Cesene

In year 2001 the Health Department wrote for and received a four-year Cardio-Vascular Health (CVH) grant. The purpose of the project is to improve opportunities for Trumbull County residents to reduce their risk of heart disease. In December of 2004 the grant was renewed for an additional four years, pending the completion of annual grant objectives.

In following are key components of the CVH project.

- **Ultimate Goal:** Affect changes in health related policies so that positive changes are permanent.
- **Funded Projects:** Must reflect population based strategies.
- **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.
- **Collaboration:** The project director must work in collaboration with other agencies and groups to reach statewide objectives.
- **Multi County Grant:** We have teamed up with Ashtabula County on the project.
- **Great Need:** In 2001 Trumbull County was ranked the 23rd worst county in Ohio for heart disease. We have a 26.6% adult smoking rate; a 21.7% obesity rate and 92.4% of Trumbull County residents report a

sedentary lifestyle. In regard to clinical risk factors 28.9% of residents surveyed have high cholesterol, 26.1% have elevated blood pressure and almost 10% report being diagnosed with diabetes.

- **Heart-Healthy Community Coalition:** A CVH coalition of agencies and individuals was developed. The purpose of the coalition is to reduce heart disease in the target area. The coalition meets on a quarterly basis with the Health Educator acting as the coordinator.
- **Target Area:** The target area must be a community of high poverty with sufficient numbers to make a noticeable impact. The target areas in Trumbull County are Warren as well as Bloomfield and Mesopotamia townships.



- **Heart-Healthy Community Checklist:** The first year was devoted to assessing the targeted community using the Checklist. The Checklist measures services, opportunities, the environment and systems that are available to residents who want to lead a heart-healthy lifestyle. The survey examined health care organizations, schools, the community and worksites. Risk factors addressed are lack of physical activity, poor nutrition, tobacco use and clinical risk factors including cholesterol,

diabetes and high blood pressure. The Checklist is used on an annual basis. Scores in all areas have improved over the last seven years.

- **Action Plan:** An action plan was developed by the coalition to improve areas of need. The action plan has specific objectives that target educational, environmental change and policy/regulation strategies.

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

- Trumbull Coordinated School Health Coalition-Coordinator
- Action For Healthy Kids Zone Four Committee
- Friends of the Western Reserve Greenway
- MC&T Coalition-Three County Tobacco Coalition
- Trumbull Memorial Hospital Foundation Community Relations Committee
- Trumbull County Metro-Parks Recreation Committee
- The Ohio State University Extension Advisory Board
- Alliance for Substance Abuse Prevention Coalition
- UAW/GM Diabetes Work Group
- Sunshine Board
- Community Concerned Citizens II-Secretary

Presentations and Lectures

The health educator made presentations throughout the year on physical activity, nutrition and tobacco use. Presentation sites included, Kent State University Trumbull Campus, Children Services Board, YWCA, WIC and Brookfield Head Start.

Highlights of Health Education Activities in 2007

- **Healthy Community Gold Award:** We submitted application for a Healthy Community Award for Warren City. The community received a Gold Award.
- **City Parks:** Coalition members were instrumental in keeping open Quinby Park and holding the sixth annual Juneteenth celebration.
- **Trumbull Memorial Hospital Foundation:** The health educator is an active member of the TMH Foundation “Move To Improve” program that inspired over 400 county residents to become more physically active and to improve their nutrition practices. The Foundation also sponsored a run/walk to raise money for breast cancer awareness.
- **Dining With Diabetes:** We co-sponsored this three part series with the Ohio State University Extension. The program helps diabetics learn about their disease and how to cope with it.
- **Food Service Training:** The Health Department co-sponsored a workshop for school food service personal that dealt with coordinated school health, ala carte’, nutrition standards, school breakfast and sanitation practices. Sixty-one school food service staff from seven counties were in attendance.
- **Action For Healthy Kids Zone Four:** A day long workshop focusing on nutrition and physical activity and their link to academic performance was attended by 136 school staff from seven counties.
- **School Wellness Policies:** The health educator is a community member of both Warren City and Bloomfield/Mespo School’s wellness teams.
- **Worksite Wellness:** The health educator has partnered with Kent State University nursing students to implement employee wellness programs at the county government offices and at Bloomfield/Mespo schools.
- A Trumbull County Parks resource guide was up-dated and printed.
- The Community Resource Guide was up-dated and printed.
- A Worksite Diabetes Emergency Guide was designed and distributed.
- The Health Department’s website was up-dated.
- **Healthy Lifestyle Summit:** The Health Educator served on a statewide team to investigate ways to increase physical activity among Ohio residents.
- **Diabetes Up-Date:** This workshop was co-sponsored with Humility of Mary Health Partners and Eastern Ohio Health Education Centers. The goal of the workshop was to help nurses and medical staff better diagnose and treat people with diabetes.
- **Search Your Heart:** We were co-sponsors at this Heart Association event held at Grace AME Church.
- **NEOUCOM:** The health educator has partnered with the Northeast University College of Medicine to introduce first year medical students to public health. We also participated, as a department, in a new online training program.

Please contact the health department for more information on any of these activities.

Ohio Tobacco Prevention Foundation Grant (OTPF)

Trumbull County is in partnership with the MC&T (Mahoning, Columbiana, and Trumbull Counties) East End Tobacco Prevention and Control Coalition for a three year grant. The mission of the project is to prevent and control the use of tobacco and promote tobacco use cessation in Ohio and reduce the health consequences tobacco has imposed on Ohio citizens. The MC&T grant now serving Mahoning, Columbiana and Trumbull County has been extended and is currently funded until June 2008.

Activities for the 2007 OTPF MC&T Grant

Trumbull County Tobacco Free Coalition:

The Trumbull County Tobacco Free Coalition meets on a monthly basis to discuss current tobacco issues in our county. The coalition is made up of school officials, community agencies, and law enforcement.

Trumbull County STAND Team

The Trumbull County STAND team continues to promote and educate the community on the harmful effects of tobacco & second hand smoke. In 2007 the youth held "Thank-you Section" events at 2 local bowling alleys. The STAND youth also held a Great American Smokeout event at the community booth located at the Eastwood Mall. STAND youth have continued their efforts to recruit new members by participating in several community events such as; Relay for Life, Trumbull County Fair, Healthy Kids Day, & Juneteenth. The annual STAND team training in Columbus, Ohio was attended by 4 of the youth from the team. They had an opportunity to be trained in several areas from media to team leadership. STAND team advisors participate in a monthly phone conference to be updated on current issues & events.

Toolkit for 100% Smoke-Free Schools

The 100% Tobacco Free Schools Toolkit has been given to the following personnel in each Trumbull County School district: school administrators, school nurses, drug and alcohol coordinators and school board members. This resource guide has been a great success and is definitely helping aid schools to become tobacco free. The following Trumbull County school districts have adopted a 100% Tobacco Free Schools Policy: Bloomfield-Mespo, Hubbard, LaBrae, Niles, and Southington. The health educator continues to promote this document through meetings and presentations with both school administrators and faculty.

Community Leader Relations

The health educator is responsible on informing as many people as possible about current grant accomplishments. In 2007 state legislators, federal legislator aides, local government officials, faith-based community leaders, and social service agencies were reached by emails, phone calls, and letters.

Project TNT (Towards No Tobacco Use)

This evidenced based program was conducted in 2 of the 3 selected schools; Niles and Labrae.

Warren City rejected the curriculum based on time restraints. Approximately 95- 7th graders were reached at Niles and approximately 135- 6th graders were reached at Labrae Middle Schools. The program is designed to teach 6th-8th graders about the different types of tobacco products, advertising pitches, self-esteem, refusal skills, and stages of addiction. The curriculum is based on 10- sessions that are taught in a consecutive order.

Ohio Quit Line Promotion and Distribution

The Ohio Quit Line information has been promoted during coalition and stand team meetings and events. Ohio Quit kits were distributed to Trumbull County physician offices, hospitals, health clinics, and community based organizations. Nurses, physicians, dentists, health professionals, and community agency representatives were trained on how to refer their clients to the Ohio Quit Line hotline for phone counseling.

Other Tobacco Education Activities/Projects:

2008 Youth Tobacco Survey

Trumbull County was selected by the Ohio Department of Health and Centers for Disease Control and Prevention to participate in the 2008 Youth Tobacco Survey. Two local school districts were randomly selected to participate. Our counties grade focus is on 6th-8th graders. Surveys are administered anonymously and confidentially.

Other Coalition Involvement

Action for Healthy Kids Zone 4

Trumbull Coordinated School Health Coalition

Alliance for Substance Abuse Prevention Coalition

In the last decade, more than four million people in this country lost their lives to tobacco-related diseases, including, according to Environmental Protection Agency estimates, more than 30,000 nonsmokers who died of lung cancer caused by breathing smoke from others' cigarettes.

National Cancer Institute

