

Trumbull County



General Health District

2004

Annual Report

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.

The breakdown below for the Health Department's income and expenses for year 2004 is based upon figures reported to the Ohio Department of Health for the Annual Financial Report of Local Health Departments for Calendar Year 2004.

<u>2004 Income</u>		<u>2004 Expenses</u>	
\$ 2,435,282.28		\$ 2,267,996.95	
**2003 Carry Over Balance	\$ 137,959.80	*Personal Health	\$ 944,679.82
Inside Millage	349,034.37	*Environmental Health	882,471.62
Contracts with Other Cities	34,349.00	*General Administration	393,246.41
Medicaid Reimbursement	77,780.80	Laboratory/Clinical	5,452.00
Other Insurance Reimbursement	16,840.00	Laboratory/Environmental	42,147.10
Patient Fees/Sliding Fees	70,761.63		
State Subsidy	42,767.18	<i>*These figures include salaries and fringe benefits.</i>	
Local Funded Projects/Contracts	172,197.00	<i>**Carry Over Balance includes grant monies and is included in the overall 2004 Income figure listed above.</i>	
Environmental Health Fees	1,015,109.88		
ODH State Funded Proj./Grants	510,307.28		
Misc. Refunds/Revenue	8,175.34		

Health Department Employees as of 12/31/04

Administrative Staff	6 (1 Part-Time)	Social Worker	1
Sanitarians	*8	Health Educator	2
Plumbing Inspectors	1	Nutritionist	1 (Contracted)
Nurses	**8 (1 Part-Time)	Medical Assistants	2 (1 Part-Time)

**Includes Director of Environmental Health*

***Includes Director of Nursing*

2004 DISTRICT ADVISORY COUNCIL EXECUTIVE COUNCIL

Fred Hanley	Chairman
John Spelich	Vice Chairman
Rebecca Whitman	Secretary

2004 TRUMBULL COUNTY BOARD OF HEALTH

<u>Name</u>	<u>Address</u>	<u>Term Expires</u>
Dr. Pat DiTommaso	6265 Sodom Hutchings Rd., Liberty	March 2005
Donald Scott Thompson	3082 Custer Orangeville Road, Burghill	March 2006
Robert Biery, Jr.	1750 Braceville Robinson Rd., Southington	March 2007
Dale Appis	1000 S. Park Dr., Brookfield	March 2008
William Hagood	99 S. Outer Dr., Vienna	March 2009

2004 TRUMBULL COUNTY HEALTH LICENSING COUNCIL

<u>Name & License Group Representation</u>	<u>Address</u>	<u>Term Expires</u>
Robert Biery, Jr. <i>Retail Food Establishments</i>	1750 Braceville Robinson Rd., Southington	March 2007
William Hagood <i>Manufactured Home Parks</i>	99 S. Outer Dr., Vienna	March 2006
Thomas Sutcliffe <i>Swimming Pools</i>	RDW Co., 6600 Seville Dr., Suite #1, Canfield	March 2006
Robert A. Rieke <i>Recreational Parks/Camps</i>	3959 St. Rt. 305, Southington	March 2005
Sheryl L. Albright <i>Food Service Operations</i>	6278 Chestnut Ridge Rd., Hubbard	March 2005

Trumbull County Health District Advisory Council

The purpose of Health District Advisory Council is to elect its officers, appoint a member to the Trumbull County Board of Health, appoint a member to the Trumbull County Health Licensing Council, receive and consider the annual and special reports of such Boards, make recommendations to the Trumbull County General Health District in regard to matters for the betterment of health and sanitation within the District, or for needed legislation, to exercise all rights and obligations authorized by the Ohio Revised Code and to follow the by-laws established by the council.

An annual meeting of the Health District Advisory Council is held in March. A quorum of the members is necessary and consists of no less than a majority of the members of the District Advisory Council. Membership in the council includes the President of the Trumbull County Board of Commissioners, the chief executive or their designee of each municipal corporation not constituting a city health district and the chairperson of the board of township trustees of each township in the Trumbull County General Health District or other designated representative, and the chief executive or their designee of any city under contract to the Health District Advisory Council for delivery of services from the Board of Health. No action by the Health District Advisory Council shall be effective until such time as a majority of the quorum assents thereto.

If at an annual or special meeting at which a member of the Board of Health is to be appointed less than a majority of the members of the Health District Advisory Council are present, the Council, by majority vote of the council members present, may organize an executive committee to make the appointment. An executive committee shall consist of a five council membership, including the President of the Board of County Commissioners, the Council Chairperson, the Council Secretary and two additional council members selected by majority affirmative vote of the council members present at the meeting. The additional members selected shall include one representative of the municipal corporations in the district that are not city health districts and one representative of the townships in the district.

The Chairperson of the Trumbull County Health District Advisory Council may also appoint committees for such purposes as the Chairperson deems necessary for assisting the Health District Advisory Council in matters concerning the betterment of health and sanitation within the district.

Trumbull County Health District Licensing Council

In November 2001, the State of Ohio mandated that a licensing council be established in each health district in Ohio. A letter went out in December 2001 to every health department state mandated program licensed by the Trumbull County General Health District inviting operators to become possible members of a licensing council. The Trumbull County Health District Advisory Council reviewed the applications received and appointed one representative from each state mandated program licensed by the Trumbull County Health Department. The terms of the council members were initially staggered, but future members will be appointed to five year terms. The members of the council represent retail food establishments, food service operations, public swimming pools, manufactured home parks and parks/camps.

The licensing council initially met quarterly, but has since changed to an annual meeting, which is held in April. The goal of the council is to comply with mandated state law, including the appointment of a Board of Health Member from the Licensing Council to represent the regulated community on the Trumbull County Board of Health.

The objectives of the council are to review and comment on license fees, at both the state and local level, to insure such necessary fees are fairly determined to carry out the intended program mandates. The council also serves as a tool to protect the public's health, improve communication and linkages among the public and private sector and identifying needed changes in legislation, policy and practices.

2004
TRUMBULL COUNTY HEALTH DEPARTMENT
PERSONNEL

Jeannette Bailey-Sigle, L.S.W., Social Worker
Sharon Bednar, Secretary
Johnna Ben, Administrative Secretary
Jan Chickering, Medical Assistant
Beverly Cope, Medical Assistant
Richard Curl, R.S., Public Health Sanitarian
Daniel Dean, Network Computer Systems/Data/Media Coordinator
Loretta Ecklund, R.S., Public Health Sanitarian
James Enyeart, M.D., Health Commissioner
Rodney Hedge, R.S., Public Health Sanitarian
Sherrill Herriman, R.N., Public Health Nurse
Judith A. Infante, R.N., CFHS Clinic Coordinator
Selene Layton, R.N., Director of Nursing
Frank Migliozi, R.S., Director of Environmental Health
Lorraine Mikota, S.I.T., Sanitarian In Training
Mel Milliron, C.H.E.S., Health Educator/Planner
Nancy Norton, B.S.N., R.N., Public Health Nurse Coordinator
Robert O'Connell, Certified Plumbing Inspector
Sharon O'Donnell, Secretary
Mary Ellen Pilgrim, R.S., Public Health Sanitarian
Joseph Pink, R.S., Public Health Sanitarian
Gina Ross, Health Educator/Planner
Rebecca Rozzo, R.S., Public Health Sanitarian
Lucinda Sentner, R.N., Public Health Nurse
Ranee Shoenberger, R.N., Public Health Nurse
Dianne Simon, R.S., Public Health Sanitarian
Ted Smith, R.S., Public Health Sanitarian *(Retired 7/04)*
Rita Spahlinger, R.N., Public Health Nurse
Lisa Spelich, Food Protection Secretary
Harry A. Steel, Certified Plumbing Inspector *(Retired 7/04)*
Sandra Swann, B.S.N., R.N., Public Health Nurse



HOW WE SERVED YOU in
2004

117 - new prenatal patients
3,922- children & adults immunized
for vaccine preventable
diseases
117 - blood tests for lead screening
372 - students screened for vision &
hearing
16 - newborn screenings
306 - home visits
36- Bureau of Children With
Medical Handicaps (BCMh)
diagnostic applications
processed
293 - animal bite investigations
131 - animals tested for rabies
2,358- health education contacts
237 - car & booster seats given out
456- nuisance complaint
inspections
91 - manufactured home park
inspections
13 - park/camp inspections
113 - school inspections
50 - swimming pool inspections
14- tattoo & body piercing
inspections
405 - water samples tested
1,662- food service inspections
1,443- plumbing inspections
807- real estate sewage inspection

TRUMBULL COUNTY HEALTH DEPARTMENT

MISSION STATEMENT

The mission of the Trumbull County Health Department is to provide accessible preventative health services, regulations, resources, and education for the community in a courteous, timely, and efficient manner. Our services will have a positive impact on the health, safety, and well-being of those we serve. We will treat the public with dignity and respect, (and recognize cultural diversity) and individual needs through our programs and services.



TRUMBULL COUNTY HEALTH DEPARTMENT

VISION STATEMENT

As the foundation of public health, the dedicated staff of the Trumbull County Health Department shall be leaders in providing accessible quality services to maintain a healthy community and environment. We shall have a positive impact on the community by safeguarding the quality of life in every person through health promotion and regulation. We shall also empower individual and community responsibility through our programs and services.



TRUMBULL COUNTY HEALTH DEPARTMENT

CORE VALUES
(STANDARDS)

1. *Professionalism*
2. *Courtesy*
3. *Integrity*
4. *Honesty*
5. *Compassion*
6. *Sense of Humor*

CORE VALUES SUMMARY STATEMENT

Board Members and Health Department Staff shall be courteous, professional, ethical, act with integrity and a sense of humor, always being respectful and honest, and have a sense of compassion to all clients.

Nursing & Educational Services Division

- *Child & Family Health Services*
- *Immunizations*
- *Bureau of Children with Medical Handicaps*
- *Help Me Grow Services*
- *Car Seats*
- *Vision & Hearing Screening*
- *Communicable Disease Investigation*
- *Newborn Screenings*
- *Trumbull County Child Fatality Review Board*
- *Health Education*



Division of Nursing

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.

I. 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.

Initiatives undertaken through this program include:

Prenatal Clinics with Sites at the Trumbull County Health Department and Trumbull Memorial Hospital

This clinic provides comprehensive prenatal care to any woman in Trumbull County. In addition to routine prenatal exams conducted by obstetricians, clients are seen by a registered nurse, licensed social worker, and licensed dietician throughout the pregnancy. After delivery, a home visit is done by one of our nursing staff. 117 new clients were seen at 1,297 visits.

Assistance for Uninsured Children to Obtain Health Care with Private Providers

This program provides financial assistance for well and sick visits at the provider's office. 34 physicians have agreed to be providers on this program. 34 children utilized this program in 2004. Staff also assisted 20 eligible children to enroll in Healthy Start.

Prenatal Smoking Cessation Program

Child and Family Health Services clients are counseled one-on-one about smoking at each prenatal visit. Of the 31 clients who smoked upon entry into prenatal care, 16% decreased and 29% quit smoking.

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

Lead screening is offered monthly at the health department, along with other community sites and is free to children one year to six years of age. We tested 117 children and did follow up with 2 who had elevated results.

Folic Acid Education

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 the 217 clients who came to the health department for a pregnancy tests, folic acid education. The long-range goal is to prevent the occurrence of birth defects such as neural tube disorders.

II. IMMUNIZATION PROGRAM

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 11 clinic sites located around Trumbull County. 80.4% of the clients who attended our clinics in 2004 were up to date on their immunizations by 2 years of age.



Influenza

Public Health Nurses administered 2,400 flu shots at 12 sites around Trumbull County. These shots were administered during the months of November and December 2004 to senior citizens and adults with medical problems.

Meningitis Clinics

Centers for Disease Control (CDC) and American Committee on Immunization Practices (ACIP) now recommends students entering college and living in a dorm be immunized against meningococcal meningitis. In order to meet the needs of the residents of Trumbull County, the Trumbull County Health Department began offering this immunization during the summer months to college students. 110 doses of meningitis vaccine were administered in 2004.

Adult Immunization Clinics

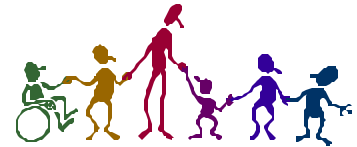
Adult immunization services are offered monthly at the health department for any adult in Trumbull County. Vaccines available are Td (tetanus/diphtheria), MMR (measles, mumps, rubella), Varicella (chicken pox) and Hepatitis B.

Pre-Exposure Rabies

Rabies vaccine for those at risk of exposure (veterinarians, their staff, other at-risk workers) was added to immunizations offered at the health department as a result of the increase in rabid animals in Trumbull County since 1997.

III. 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. 36 new diagnostic applications were process in 2004 and 327 children are enrolled on the BCMh treatment and diagnostic plans.



IV. 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 and Trumbull County Jobs & Family Services. The two components that the Trumbull County Health Department provides services for are:



1. 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 486 home visits made by nurses in Trumbull County in 2004, 306 of those visits were made by Trumbull County Health Department nursing staff.

2. Early Start Program

Early Start provides eligible pregnant women and their families the opportunity to have a case manager throughout the pregnancy and after the birth of the baby. The case

manager makes home visits and works with the family to try to meet the needs and goals of a healthy pregnancy and baby.

V. 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. A nominal fee is charged for the car seat, but no one is denied a seat for lack of ability to pay. 237 car and booster seats were provided to Trumbull County residents who attended one of the 32 car seat classes conducted by the Trumbull County Health Department in 2004. In December, the health department staff participated in the Ohio Buckeye & Safe Kids billboard fundraiser. Health Department staff, along with Ohio State Highway Patrol officers, staffed a billboard from 6:00 A.M. – 6:00 P.M. to raise money to purchase additional car and booster seats.



VI. BIO-TERRORISM PREPAREDNESS

Since September 11, 2001, we have added Bio-Terrorism Preparedness to our other health department programs. The Trumbull County Health Department is the lead agency for the four health departments in Trumbull County for bio-terrorism preparedness. In 2003, we collaborated with the other health departments to establish a county-wide bio-terrorism plan for the health departments. In 2004 we completed a Crisis Communication Plan to be utilized by our four health departments.

In addition, the four health departments, along with other agencies in Trumbull County, have been meeting to create a coordinated plan that we would all follow in case of a bioterrorism or other large public health event.

We chose to participate in the regional mass flu clinic exercise as a means of testing our county bioterrorism plan and coordinating it with the region. As the flu vaccine shortage unfolded, it made this less of an exercise and more of an actual event.

The mass influenza clinic was held on October 29, 2004 from 9:00 A.M. until 1:00 P.M. at the St. Demetrious Social Center in Warren.

Participants included the Trumbull County Health Department, Warren City Health Department, Niles City Health Department, Girard Health Department, Red Cross, EMA, St. Joseph's Hospital, Lifelines, Youngstown State University students and instructors, volunteers and the Warren Police Department.

Our county objectives were to demonstrate:

- * Ability to safely immunize 1,200 people in a limited timeframe.
- * Ability to coordinate with other agencies.
- * Ability to identify, mobilize, and manage resources needed for a mass clinic.
- * Ability to function under Incident Command System (ICS).
- * Ability to communicate locally among the agencies and provide a unified message to the public.
- * Ability to triage clients in a clinical setting.

During the after action, we reviewed the clinic from start to finish and discussed what worked well, as well as the areas that need improvements.

Summary of Objectives

1. We immunized 1,250 clients in 4 hours. The bulk of clients were done in the first 2 hours. Only the people who arrived early (6:30 A.M.) had a long wait. We received much positive feedback from clients as they exited. Some called the next day to offer positive feedback, and one sent a letter to the editor with positive comments.
2. We were able to successfully plan and then implement the plan with 11 different agencies. All actively participated in the planning process and the after action.
3. We were able to identify and manage resources, but found that we needed additional staff and volunteers in case of “no-shows” and we needed a back up communication system.
4. This was the first attempt to utilize ICS and it worked amazingly well. Surprisingly, there were no “turf issues” among individuals or agencies. In the future, we would have command staff arrive early so that they would be available to pass out information and brief their staff as they arrived. We utilized color coded vests to help distinguish command staff, medical staff, and non-medical staff. As workers arrived, they were given written sheets with assignments and telling them who their supervisor would be for the day.
5. A sub-committee was formed to create our message to the public and the media. People were getting the same message from whatever health department that they called in Trumbull County. The Health Commissioners from all 4 health department acted as Public Information Officers (PIOs). Although the media came to the clinic, by the time they arrived the crowd was minimal so they did not see much of a story.
6. There were 2 registered nurses assigned to triage clients. We used public health nurses who were familiar with the risk forms. In one instance, we utilized the medical director to reinforce a deferral.

All involved felt that this clinic was an excellent means of determining our ability to plan and carry out a mass clinic. In the planning process, we got to know our partners and got a better understanding of the roles that they would play. It showed us the importance of a sound ICS and communication system. It also showed the need for more personnel if we would every need to immunize our entire county.

VII. OTHER NURSING DIVISION PROGRAMS

Vision and hearing screening for the Amish Schools

Communicable Disease investigation and education

Newborn Screenings

Equally important, but less measurable, 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.

It is my hope that this report gives the reader a clear picture of 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

COMMUNICABLE DISEASES REPORTED

	2004	2003	2002	2001	2000
AIDS	0	0	0	0	0
Botulism	0	0	1	0	1
Chlamydia	9	12	21	10	15
Gonorrhea	4	8	7	1	13
Syphilis	0	3	2	2	0
Cytomegalovirus	0	0	0	0	1
Hepatitis A	1	1	11	0	1
Hepatitis B	16	10	15	6	5
Hepatitis C	*68	*58	8	8	5
Meningitis (Bacterial)	1	3	1	1	0
Neisseria Meningitis	1	1	1	0	1
Meningitis Aseptic/Viral	1	2	6	8	5
Haemophilus Influenza	2	0	--	-	-
Legionnaires' disease	1	0	0	2	0
Streptococcus Pneumonia	18	9	9	7	12
Campylobacter	20	16	11	8	19
Giardiasis	2	7	8	3	8
Salmonellosis	12	14	10	12	9
Shigellosis	0	0	1	0	0
Cryptosporidiosis	11	3	0	1	1
Mumps	0	1	0	2	1
Pertussis	3	0	4	1	1
Lyme Disease	5	1	4	1	0
Encephalitis	2	0	1	1	0
Listeria	1	1	1	2	2
E-Coli	0	0	1	1	0
SIDS	2	3	1	0	6
Vibriosis	1	1	0	0	0
Group A Invasive Strep	1	5	2	1	4
Group B Strep (Neonatal)	1	0	1	0	1
HIV Positive	1	3	1	6	6
Kawasaki's Disease	0	0	0	0	1
Malaria	0	0	0	1	0
Rickettsia Africae	0	0	1	0	0
Toxic Shock Syndrome	0	0	1	0	0
West Nile Virus	1	1	-	-	-

**The jump in the number for Hepatitis C is due to a change in reporting to the Ohio Department of Health. We are now doing follow up and reporting of all cases including suspect or probable cases.*

Trumbull County Child Fatality Review Board

The Trumbull County Child Fatality Review Board was established in 2001 in response to a law mandating that each of Ohio's counties review the deaths of children under eighteen years of age. The mission of the board is to reduce the incidence of preventable child 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.
- 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:

Trumbull County Health Department
Trumbull County Coroner's Office
Trumbull County Children's Services Board
Trumbull County Lifelines (Board of Alcohol, Drug Addictions
And Mental Health Services)
Warren City Health Department
Trumbull County Prosecutor's Office
Trumbull County Sheriff's Office

Activities of the board during 2004 included reviews of the deaths that occurred in 2003 to children residing in Trumbull County who were under the age of 18 years. A four member sub-committee met quarterly to gather data, review the deaths and select cases for full review by the board.

*Summary of Child Deaths
Occurring in 2002*

Reviewed in 2003

Total Number of Deaths to Children Under Age 18 Years in
Trumbull County - 26

Natural Death to Children Older than 1 Year – 5

Natural Death to Children 0 to 1 Year, Other Than SIDS – 13

SIDS (Sudden Infant Death Syndrome) – 3

Child Abuse and Neglect – 2

Suffocation – 1

Poisoning – 1

Unknown – 2



Annual Report of the Health Educator Mel Milliron 2004

♥ Cardio-Vascular Health Grant ♥

In year 2000 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. The CVH project was completed as of December 31, 2004

In following are highlights of the CVH project.

- **Multi county grant:** We have teamed up with Ashtabula County on the project.
- **Great Need:** Trumbull County is 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% have 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 area in Trumbull County is South Central Warren however over the four year period it has expanded into most of Warren and also several areas in Trumbull County as a whole.
- **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 have a heart-healthy lifestyle. The survey examined health care organizations, schools, the community and worksites. Risk factors addressed are lack of fitness, poor nutrition, tobacco use and clinical risk factors including cholesterol, diabetes and high blood pressure.
- **Action Plan:** An action plan was developed by the coalition to improve areas of need. This is a four-year action plan with specific objectives that target educational strategies, environmental change strategies and policy/regulation strategies.
- **Community Resource Activities Guide (CRAG):** The CRAG was developed as part of the CVH project. It is a user-friendly list of resources available to the community. The CRAG is now on the Trumbull County Planning Commission web site
- **Highlights of Activities in 2004**
 1. Smokers Anonymous continues at the St. Joseph Hospital
 2. The Action for Healthy Kids workshop was held in October.
 3. Coalition members were instrumental in attempting to keep open Quinby Park and holding the third annual Juneteenth celebration.
 4. Coalition members were active in opening phase two of the Western Reserve Greenway in Trumbull County. A kick-off was held on November 10th.

5. The coalition also was involved in two tobacco grant projects in Trumbull County; the MCAT grant that focuses on policy and environmental change, and the minority grant that focuses on Warren City youth.
 6. A Gold Plate dining guide was developed and promoted.
 7. A guide was developed that featured all the county parks with walking and biking trails.
 8. Two trainings in blood pressure measurement were coordinated for public health nurses and school nurses.
 9. A Dining with Diabetes series was presented at SCOPE.
 10. A healthy vending project was held at Harding high school
 11. Three schools sent teams to the School Health Conference.
 12. The health educator was a presenter at the Combined Public Health conference.
- **Other Coalition Involvement:** As part of the grant, the Health Educator is an active member of the Trumbull Coordinated School Health Committee, Partnership for Success, the Red Ribbon planning committee, the Western Reserve Greenway, Community Concerned Citizens, the MCAT four county tobacco coalition and a member of the Healthy Valley Alliance.
 - **2005-2009 CVH Grant:** The Health Department wrote for and received a four year cardio-vascular grant that will enable us to continue interventions started in 2000-2004.

Presentations and Lectures Unrelated to the CVH Grant

The Health Educator made a variety of presentations in schools, clubs, churches, organizations and businesses. Topics included AIDS, sexually transmitted diseases, tobacco, fitness, nutrition, stress management, hepatitis, scabies, lice, bike safety, first aid, wellness and puberty.

- **Total presentations made:** 94
- **Total contacts:** 2358

Other Programs and Projects

- **Health Fairs:** Attended and staffed health fairs through out the year.
- **CPR:** Certified County Health Department Nursing staff.
- **Rabies Baiting:** Baited for raccoon rabies.
- **Resource Center:** Consulted with and supplied materials for Trumbull County residents.
- **Grand River project:** Conducted stream monitoring on tributaries of the Grand River. Assisted in public meetings and mailed surveys of residents of the Grand River watershed.

Annual Report of Health Educator
Gina Ross
2004

Ohio Tobacco Use Prevention and Control Foundation Grant (TUPCF)-



In November of 2002 Trumbull County became partners in the MCAT (Mahoning, Columbiana, Ashtabula 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 in Ohio citizens.

Activities for the 2004 TUPCF MCAT Grant include the following:

Tobacco Legislation, School Policy and The Community Conference

- ❖ In November 2004 MCAT educators planned and attended the conference for law enforcement agencies, school personnel, health care professionals, parents, tobacco coalition members, legislators, and concerned citizens at Youngstown State University. Sgt. Bruce Talbot was the feature presenter and discussed laws pertaining to vending and children and law enforcement success stories. Bonnie Hoppel from the Ohio Department of Health also presented material on the coordinated school health approach to making schools tobacco free. The conference was informative to all attendees and MCAT was honored to host Sgt. Bruce Talbot for this four county event.

Toolkit for 100% Smoke-Free Schools

- ❖ The MCAT coalition has created and completed a toolkit for school personnel to follow to obtain a 100% smoke-free school environment. 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.

Tobacco Education Group (TEG) & Tobacco Awareness Group (TAP)

- ❖ The health educator is working together with the educational service center and offers alternative to suspension (TEG) classes for youth caught smoking in school or on school property. Classes are offered once a week and are four weeks in length to complete. Also the health educator offers weekly student smoking cessation classes for youth who want to quit smoking (TAP), these classes also take four weeks to complete.

Active Students Against Tobacco (ASAT)

- ❖ The health educator planned and staffed the third annual Active Students Against Tobacco (ASAT) Summit in February of 2004. The ASAT team was organized with a mission to educate, unite and empower the youth to strongly advocate against the manipulation of tobacco. ASAT is youth advocated and adult supported anti-tobacco team active in each of the four counties. The 2004 Summit was successful and had 42 youth in attendance from the four counties. The Trumbull County ASAT youth team continues to educate the community members on the harmful effects of tobacco smoke and the environment through raising awareness and community events such as Relay for Life and the Trumbull County Fair.

Environmental Tobacco Smoke and Children

- ❖ All pediatricians and general practitioners have received packets of information the harmful effects of environmental tobacco smoke. Environmental tobacco smoke and children is one of the many goals we are addressing for this grant year. Currently we are shifting our efforts to all child care providers and getting information to the parents of the children who attend the day cares as well as keeping in contact with the OBGYN's, pediatricians and general practitioners.

Compliance Checks

- ❖ The health educator conducted a total of two compliance checks in the months of April and August. The results from the two compliance checks performed revealed that 10 tobacco sales out of 47 attempts were made to underage teens. Letters were mailed to all police chiefs as well as vendors to lower the percentages of underage tobacco sales in Trumbull County.

Smoke-Free-Dining Guide

- ❖ The "Smoke-Free Diners Guide" for Trumbull County was completed in January 2004. The guide contains approximately 40 sit-down style smoke-free restaurants. Billboards have been put up in different areas of the county to advertise the guide to the public. All smoke-free restaurants have received a certificate to display in their restaurant stating they offer a completely smoke-free environment for their employees and customers. Anyone wanting to obtain a "Smoke-Free Dining Guide" should call the health department.

Other Activities/Projects:

Certified Car Seat Technician

- ❖ The health educator has been certified to be a certified car seat technician. The Trumbull County Health Clinic offers car seats to individuals in need and every recipient is required to go through the car seat class. Classes and installations are offered twice a month and are two hours in length.

Environmental Health Division

- *Household Sewage Disposal System*
- *Plumbing*
- *Nuisance Abatement*
- *Solid Waste Investigation*
- *Tattoo and Body Piercing*
- *Animal Bite Investigation*
- *Rabies*
- *H.B. 110 Inspections*
- *Food Service*
- *School Inspections*
- *Mobile Home Parks*
- *Parks/Camps*
- *Private Water Systems*
- *Real Estate Inspections*



A Message From the Director of Environmental Health

The environmental division of the health district was confronted with many demanding challenges during 2004. As a result, the division evolved at a rapid rate to meet those demands. Many changes occurred within enforcement of home sewage systems, semi-public sewage systems, construction & demolition debris sites and plumbing inspections. Over the course of the year, two employees retired, Harry Steel our plumbing inspector, and Ted Smith a public health sanitarian. Bob O'Connell was hired as plumbing inspector in June 2004. Mr. O'Connell has a tremendous work ethic and is a pleasant addition to our staff. Conversely, due to budgetary restraints, the division was forced to terminate its Stream Watch program. This program provided valuable education, as well as hands on experience to students around the county, demonstrating that human activities impact the water quality of streams.

2004 was the first full year the district's household sewage treatment system regulations were in force. Applying the regulations adopted in mid 2003, to a complete year of enforcement and evaluation clearly demonstrated the need for change. The elimination of off-lot systems for new construction projects, along with required operational permits and point of sale evaluations have already improved surface water quality. First, in 2004, approximately 667 household wastewater treatment systems were sampled. The results revealed that approximately 67% of these systems were discharging improperly treated sewage to the waters of the state. This was a direct result of lack of maintenance to a system by a property owner. Upon our findings, notices were issued to homeowners to have their systems serviced by a certified service provider. Once this was accomplished, the systems were re-sampled and results revealed a dramatic decrease in failure rates. Second in 2004, the division conducted approximately 444 real estate septic system evaluations. The results revealed an 83% failure rate in these systems, compromising water quality. By requiring upgrades to these systems, many failing discharging sewage systems are now fully functional on-lot leaching systems. Finally, the Board of Health granted approximately 20 variances and obtained state department of health concurrence for pressurized mound sewage treatment systems. These mound systems allowed for property owners to construct homes on marginal lots with an on-site system instead of off-lot discharging systems.

In addition to household sewage treatment systems, the board of health adopted a set of regulations in mid 2004 to govern semi-public sewage systems. In the past, the division merely conducted inspections of these types of systems and submitted the reports to the Ohio EPA. If a cause of action was in order, it would be initiated by the Ohio EPA. The state process to bring enforcement action against a facility is very cumbersome and time consuming. As a result, many commercial systems were creating nuisance conditions for years while the process was developing. As a result, the board of health adopted its own regulations to abate nuisance conditions being created by semi-public systems at a more rapid rate. These regulations also provide accountability of owners to properly maintain their systems.

Finally, in 2004, the environmental division was facing the possible explosion of proposed construction & demolition debris landfill sites in Trumbull County. As you may be aware, the board of health received an application for a proposed construction & demolition debris site in late spring of 2004 for Hubbard Township. This alarmed our local state lawmakers and sparked them to begin to introduce legislation to strengthen the existing regulations. It also resulted in concerned citizens to form an action group called Hubbard Environmental and Land Preservation (H.E.L.P.). The environmental division carefully analyzed the application with the assistance of the Ohio EPA, H.E.L.P., and the Trumbull-Geauga Solid Waste District. Through these combined efforts, many deficiencies were discovered. As a result, the application was found to be incomplete and by August 2004, it was not considered by the board of health. Please note no new submittal for this site has been received at this writing.

For any further information on the environmental division, please visit our website at www.tcbh.org.

Thank you!

Frank Migliozi, R.S.
Director of Environmental Health

SOLID WASTE PROGRAM

The Trumbull County Health Department receives funding from the Geauga Trumbull Solid Waste Management District to provide various enforcement activities, which include investigation of complaints of open dumping and inspection of solid waste facilities (landfills, compost facilities, scrap tire generators and clean hard fill sites). A report on the activities for this program is submitted to the Geauga Trumbull Solid Waste Management District on a quarterly basis. The Trumbull County Health Department is currently listed on the Ohio Environmental Protection Agency Director's "Approved List" to enforce Ohio EPA Solid Waste Rules and Regulations, meeting the enforcement standards established by the Ohio EPA. During 2004, the Trumbull County Health Department investigated and closed 90 solid waste nuisance complaints.

In 2004 the health department reviewed the application for a proposed construction & demolition debris landfill in Hubbard Township. The application was reviewed over a three month period and was found to be incomplete and was therefore officially denied by the health department. No further correspondence on this proposal has occurred.

The Geauga Trumbull Solid Waste Management District sponsors recycling collection events throughout the year. These events include scrap tire collection, household appliance and household hazardous waste collection for residents of both counties. In addition, several successful tire grants have been issued to specific townships for cleaning up tire dumpsites. Trumbull County has 30 recycle drop-off sites; locations of these sites can be found at www.startrecycling.com.

Also in 2004 a minimal requirement inspection of Lafarge is required by code however, we faithfully weekly inspected the facility for the following items: Records/Manifest, Nature of the Material, Unloading Zone, Driveway to Landfill, Rotor Dump Site, Leachate Ground Water Densities, Seed Pond, Natural Waterways and Outer Boundaries.



Tattoo & Body Piercing

The State Law of Ohio requires that a business that offers tattooing or body piercing services obtain approval from the local health department.

The reason for involving the health department is to ensure that basic health and safety codes are met in attempting to prevent the transmission of infectious diseases during the performance of tattooing and body piercing.

The Trumbull County Health Department seeks to promote optimal community health through education, prevention measures, public awareness strategies, and regulations.

In 2004 the Trumbull County Health Department licensed 2 tattoo and body piercing establishments and 10 artists.

In January 2004 the Body Art Expo, a time-limited event, was held in Trumbull County. Trumbull County Health Department registered 39 artists who represented 26 establishments from 11 states and 6 Ohio jurisdictions.



RABIES PREVENTION PROGRAM

The Trumbull County Health Department had another successful year of rabies prevention activities.

2004 yielded 293 animal bites/exposures reported to the Health Department. Because rabies is invariably fatal when contracted by humans, possible exposures are followed to determine the need for post exposure treatment. There were 131 animals tested for rabies at the Ohio Department of Health laboratory, with 95 of these involved in possible human and/or animal exposure.

Various Animals Involved in Inquires/Investigations have been:

Raccoon	Squirrel	Mole	Pig	Cow	Groundhog
Bat	Hamster	Ferret	Human	Goat	Bird
Cat	Chipmunk	Monkey	Rabbit	Muskrat	Skunk
Dog	Mouse	Spider	Chinchilla	Guinea Pig	Horse
Opossum	Rat	Mosquito	Shrew	Weasel	Unknown

There were 74 suitable raccoon, skunk or fox were tested for rabies. **NO RACCOONS TESTED POSITIVE FOR RABIES IN 2004.**

There were no confirmed cases of bat rabies. Bat exposures are a continuing concern. Since 1990, 20 of the 27 human rabies cases in the U.S. were due to variants of the bat rabies virus. In 19 of these cases, there were no documented bite exposures, although many had observed a bat in a home or were in situations where an exposure could have occurred but went unnoticed. Since bat bites and scratches can be so minor and go undetected, CDC now recommends that bats be tested if they are found in the room of a sleeping person, a child, or a mentally challenged person. If the bat is not available, post exposure treatment should be seriously considered. The Ohio Department of Health Rabies Staff received a multitude of calls on possible bat exposure scenarios. These situations were and will continue to be difficult to evaluate as details are frequently lacking about the exposure.

In 2004 there were at least 31 people who were treated for possible rabies exposure. The cost of this treatment is \$1,500 - \$2,000 per person. For this reason residents are urged to learn more about how to prevent rabies and protect themselves, their children and their pets. Trumbull County has over 20,000 licensed dogs.

The Trumbull County Veterinarian Association held their annual rabies vaccination clinic on June 23, 2004 at 12 different locations. As they have successfully conducted for over 40 years with the cooperation of nearly all the veterinarians practicing in Trumbull County. Thousands of pets have benefited from this program. In recent years, Ohio Department of Health grant funds have helped with advertising in of this event. The Trumbull County Veterinary Medical Association has advised that they do not need grant funding for this program now.

Trumbull County Rabies Prevention Task Force meetings have been held throughout previous years, as well as April 22, 2004. With grant support from the Ohio Department of Health we were able to raise awareness for rabies prevention. Some of the items that have been developed:

- * Post-It Notes
- * Bat Magnets
- * Stickers
- * Pens & Pencils
- * Computer Mouse Pads
- * Frisbees
- * Folders
- * Stuffed Beanie Raccoon
- * Posters & Flyers
- * Jar Openers
- * Bags (Plastic and Nylon Briefcase Style)
- * Animal Scat & Animal Skull Models
- * Bookmarks
- * Door Hangers
- * Thermometer Key Chains
- * Fact Sheet for Law Enforcement
- * Raccoon Magnets
- * Highlighters
- * Zipper Pulls
- * Calendar Magnets
- * Animal Track Models
- * Magnet Phrase Puzzles
- * Puppets
- * Cotton Tote Bags

In July 2004 grant funding was reduced. Emphasis is now on outreach to optimize surveillance and assist in ORV (oral rabies vaccine) distribution.

Our only prevention tool other than educating the public to avoid wild and strange animals and to vaccinate *all* their pets is the ORV baiting for wild raccoons. The vaccine, contained in a plastic sachet, is enclosed in a fishmeal bar. The bait is used to establish an immune barrier to prevent the epidemic from spreading and was distributed once in Trumbull County in September 2004. Baits were distributed via air or ground from Lake Erie to the Ohio River, in 15 Ohio counties and a portion of West Virginia, Virginia, Maryland, Tennessee and Pennsylvania. The Trumbull County Health Department assisted in this venture. Ohio had 76 animals test positive for rabies in 2004: 30 bats, 44 raccoons, 1 horse and 1 skunk.

Summary

	2004	2003	2002	2001	2000
ANIMAL BITES TO HUMANS	293	304	362	343	300
HUMAN POST EXPOSURE TREATMENT	31	23	8	11	22
RABIES POSITIVE ANIMALS	0	2	0	1	2
OTHER ANIMALS TESTED	57	61	64	61	74
RACCOONS TESTED	74	34	73	86	68
ANIMALS VACCINATED AT CLINIC	N/A	1,041	932	901	1,158

West Nile Virus

Surveillance, Prevention & Control

West Nile Virus Facts:

- People can be infected if they are bitten by a mosquito that has the virus.
- West Nile Virus (WNV) causes an infection that can lead to a disease called encephalitis, a swelling of the brain.
- Only one infected person in 150 will get very sick from WNV. These people may have body aches, confusion, weakness, stiff neck, tremors or convulsions.
- Only a few mosquitoes are infected. The chance of being bitten by an infected mosquito is low.
- People do not normally get WNV from each other. This has only happened in a few unusual situations such as from blood transfusions & organ transplants.
- A mosquito gets the virus from biting an infected bird.

Protect Yourself and Family Against West Nile Virus:

- Wear light-colored clothing, long sleeves and pants and socks with shoes. This clothing will protect you from mosquito bites.
- Keep window & door screens fixed & closed to keep mosquitoes out of your house.
- Stay inside in the early morning (dawn) and late evening (dusk).
- Use repellents that contain DEET.
- Drain water where mosquitoes grow.
- Throw away things around your house that hold water. Mosquitoes live in pop cans, buckets, bottles, old tire & old flowerpots.
- Turn over things that fill up with water, such as barrels, kiddie pools & wheelbarrows.
- Change the water in birdbaths every week.
- Drill holes in flowerpots or anything that holds water.
- Clean rain gutters.

2004 - Trumbull County Health Department Activities

- Education Outreach
- Receive Dead Bird Reports
- Investigate Complaints
- Larvicide Appropriate Sites

Food Service Operations and Retail Food Establishments

At this time, we are still operating under the Uniform Food Code. This code was described in last year's report. The Uniform Food Code, as you recall, created a uniform statewide regulatory code for all food establishments and food service operations. Part of the food code has been revised. The changes will take effect March 1, 2005 and are outlined as follows:

3717-1-02.2 Hand washing has been changed from 20 seconds of vigorous friction with a cleaning agency to 10 – 15 seconds.

3717-1-02.2(G) Previously, the only jewelry permitted to be worn by food employees was a plain wedding band. A medical alert band has been added as permissible jewelry.

3717-1-03(H) Hot holding temperature has been reduced from 140 degrees to 135 degrees.

Also added to the code was a requirement for new ware washing machines. A new washing machine must now be equipped with an audible alarm or a visual means to signal if detergents and sanitizers are not being dispensed.

Food inspections conducted by the health department inspectors are always unannounced, with the exception of re-inspections. The frequency of inspections is determined by their classification. Classification is determined first, by whether their primary business is dine in or carry out. If the main business is carry out, such as a grocery store, the facility is classified as a "food establishment". If the main business is dine in, the facility is classified as a "food service operation".

The facilities are assigned the classification of 1 through 4, depending on their risk of creating a food borne illness. For example, a location that prepares food, cools it down and reheats is given the highest risk classification, which is a level 4. This type of facility receives four inspections a year, which includes two critical control point inspections. A critical control point inspection is an inspection designed to identify and prevent food handling procedures that epidemiological data have shown to lead to outbreaks of food borne disease. A risk level 3 prepares food, but is not permitted to reheat in bulk. A level 3 receives two inspections per year. Levels 1 and 2 handle pre-packaged, non-potentially hazardous products. These facilities receive one inspection per year. Food service operations and food establishments follow the same food safety code. Complaints received, which may be anonymous, are investigated immediately.

Terrorism is also addressed in the food program by the Department of Agriculture. Food inspectors responsible for feedlots, food processors, warehouses, meat and poultry processing plants and other agricultural businesses are instructed to be alert for any unusual incidents or signs.

Point of Sale Household Sewage Treatment System Inspections

2004 was the first full year for the Trumbull County Health Department Household Sewage Treatment System Regulation governing point of sale inspections of all residential sewage treatment systems. These regulations not only brought the Trumbull County Board of Health into compliance with the Ohio Department of Health and Ohio Environmental Protection Agency regulations, the Federal Clean Water Act of 1972 and the Ohio Clean Water 2000 Plan, but also made Trumbull County a template for new regulations being drafted by the Ohio Department of Health.

Last year along, over 400 household sewage treatment systems were ordered to be replaced or upgraded, making notable progress in cleaning up township, village, county and state roadside ditches, drainage ways, creeks, streams and neighbor's backyards of partially untreated sewage effluent.

The point of sale inspection remains the most equitable method of addressing nuisances involving household sewage treatment systems in that every home will eventually sell and therefore be inspected. It is also a time when monies are most available for repairs. These inspections require sellers and buyers to be placed on the operation and maintenance program, which provides for the continued maintenance and monitoring of their home sewage treatment system.



Household Sewage Treatment System Inspections

2004 presented the home sewage inspection team with various challenges. The Point of Sale (real estate) inspections generated an additional 167 new installation permits over what was issued in 2003, and these inspections were completed without any additional manpower.

Another hurdle we overcame was the full implementation of the new Household Sewage Treatment System Regulations. These regulations resulted in the effluent sampling of every permitted off-lot discharging treatment system in the county. This allowed us to monitor the effectiveness of the various makes and models of aeration plants. It also allowed us to verify whether the homeowner was performing the proper maintenance on their respective home sewage treatment systems.

For the first time in Trumbull County, sand mounds were engineering, designed and installed. The implementation of the mound system has enabled homeowners to build on lots that might otherwise be classified as unbuildable. After a slow start, the engineered designs forwarded to the Ohio Department of Health have returned in a quick manner, usually with state approval.

A large amount of time was spent attempting to convince Kraft Food in Kinsman to donate their sewage treatment plant to the Trumbull County Sanitary Engineer's Office after their decision to shut down operations at their factory. The state-of-the-art treatment plant will allow Trumbull County to attack an area that has many failing systems, and one that has been ordered by the Ohio EPA to be remediated.

LICENSES, PERMITS & REGISTRATIONS

	<u>2004</u>	<u>2003</u>	<u>2002</u>	<u>2001</u>	<u>2000</u>
Master Plumbers	116	92	147	159	125
Journeyman Plumbers	31	43	36	37	37
Sewage System Installers	71	43	82	78	73
Sanitary Servicemen	23	23	26	26	26
Garbage & Refuse Haulers	18	15	16	18	16
Water Haulers	2	2	2	2	2
Tattoo/Body Piercing Establishments	2	3	3	3	2
Tattoo/Body Piercing Artists	11	15	22	17	10
Body Art Expo Artists	37	36	38	50	36
Service Providers	14	10	-	-	-
Food Service Operations/Retail Food Establishments	642	647	631	675	790
Mobile Units	73	75	63	108	87
Vending Machines	167	177	174	185	190
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Plumbing Permits	574	509	644	570	622
Sewage System Permits	500	333	318	288	291
Preliminary Evaluations	632	204	264	270	305
Private Water Systems (Well Permits)	171	204	220	273	255
Private Water Systems (Sealing)	7	6	9	-	-
Manufactured Home Parks	33	32	33	32	33
Recreational Parks/Camps	15	16	16	16	17
Swimming Pools	38	38	37	45	44
Semi-Public Disposal Systems	809	803	829	824	826
Real Estate Sewage Insp.	444	410	-	-	-
Permit to Operate (O&M)	792	440	-	-	-

