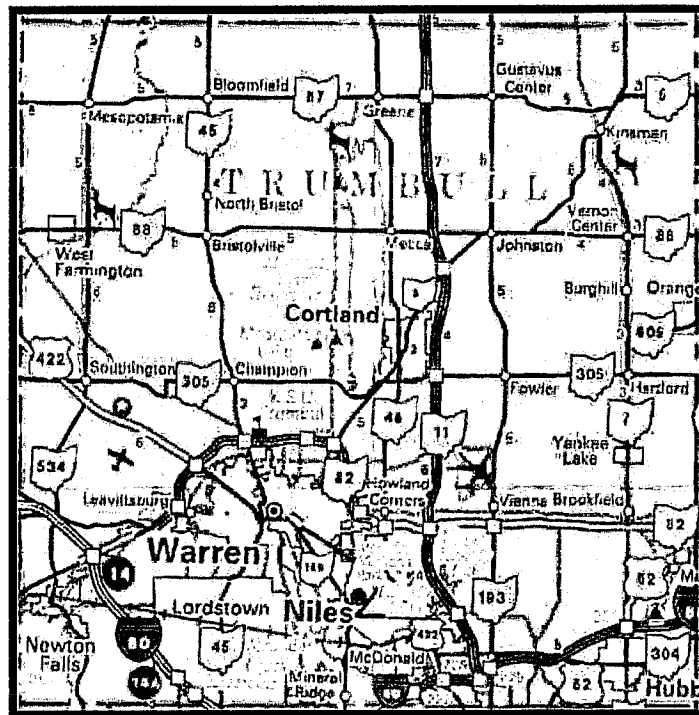


Trumbull County General Health District



2005 Annual Report

A Message From the Health Commissioner:

I would like to try to briefly review where we have been over the past three years in the first part of this report and then focus on the future to preview where we hope to go, with your help and support.

We at the Health Department began 2003 under a cloud that questioned our very survival. Both the Ohio Department of Health and the Environmental Protection Agency had investigated the Agency, concerned about the county's history of environmental enforcement. Concomitantly, the department's financial difficulties were onerous and precluded it from investing in planning for the future.

In spite of these shortcomings, in 2003 the Nursing Division never missed a beat in the deliverance of comprehensive care. In addition, under Selene Layton's direction, they took over the management of the Infrastructure Grant, a major influence on the preparedness of the county in case of a health emergency.

The Environmental Division, under the direction of Frank Migliozi, was equally impressive. The talented people in that division also worked together for the good of the department and the health of the community. As a result, we closed 2003 with new home sewage regulations that brought the county into step with some of the most progressive counties in the state. We received recognition from the Ohio Department of Health for our progress in that regard.

The year 2004 brought further change. The Nursing Division planned and delivered a mass immunization clinic, networked with other county agencies and developed more comprehensive programs to educate ourselves to our strengths and weaknesses as a county in the event of a disaster.

The Environmental Division began to see the returns on their "point of sale" program, a method of seeing to it that purchasers of homes in the unincorporated areas found the real truth as to the workings of the septic system of the home they purchased. This program has allowed the correction of as many as 500 home septic systems in the county per year.

2005 was even more productive. The programs in both Nursing and the Environmental Divisions made great strides. The Nursing unit devised and hosted a "table top exercise" in order to test the county's preparedness in the event of a health emergency. In addition, these plans were field tested later in the year at a mass influenza inoculation clinic held at two separate sites in the county.

The Environmental Division has continued to refine the department's policies in light of county efforts to provide sanitary sewer access to more areas in the county. The department has developed channels for communication with other county agencies i.e. sanitary engineer's, county engineers, planning commission's and county commissioner's offices to name just a few.

As to the future, we have even more exciting times ahead. We hope to continue to enhance our services in health prevention through health education, preparedness planning, and expansion of our preventive health programs. We are at the same time focusing less on the individual deliverance of health care. This reflects a progressive change in the activities of the health department dictated by the evolving needs of our society.

Emergency preparedness is another area we will be expanding. Through education and practice we will become better at the recognition of disease in the population we serve and enhance our abilities to track disease in that population. We will enhance our preparedness to initiate preventive measures and comprehensive treatment plans as it involves our constituents. We realize that to accomplish these goals we have to partner with our co-workers at other county agencies; as well as citizen and church affiliated groups, friends from the private sector and those associated with support agencies outside of our immediate area.

We hope to be an example of a local governmental agency that is both committed and competent to serve our citizens in all of the essential aspects of public health. Our main emphasis will be on health education, preventive health and environmental health. We hope to be a positive factor in the reduction of childhood fatalities by continued emphasis on child fatality review. We hope to reduce the rate of smoking in adults, but to prevent the initial use of tobacco products in younger people as well. We also pledge to keep our younger citizens safe from accidental injury in automobiles through the promotion of our car seat program

The construction and demolition debris disposal industry has become more prominent in Trumbull County over the past three years and will probably continue to evolve. This has raised many concerns over health and safety issues which are at the core of what we do. We are tasked with reviewing these applications for completeness and compliance. We take this job very seriously. We have developed a protocol and a funding source to allow the hiring of expert environmental engineering firms to assist in the review of each application.

We will be expanding our role in health emergency scenarios in the future through enhanced networking between agencies, better communication across agencies and further emphasis on disease identification and tracking. When one reviews the myriad of diseases we have seen emerge as important factors over the past three years alone, we begin to grasp the importance of this function of the health department. Remember the Small Pox immunizations, Monkey Pox, West Nile Virus, Hepatitis A, SARS (severe adult respiratory distress syndrome) rabies, influenza and now H5N1- the so called bird flu. What's next?

In order to expand our services and programs for the public, we will increase our staff and its support structure. We hope to increase clerical staff as well. We are also funding the expansion of our data systems. This will allow us to better, more efficiently serve the public, but also reduce administrative costs. We have begun to commit some of our processes to automation and will progressively expand the scope of that process as time goes on.

We hope to catalyze the development of the concept of the Environmental Court, where the issues that confront the department, as they pertain to the environment, could be settled apart from the municipal and common pleas courts. This would allow faster resolution of disputes and hence environmental issues. Such innovative approaches have found success in other areas. Those working in that area would be more sensitive to environmental concerns and better equipped to provide resolution to the diverse and complex issues of environmental law.

Perhaps beyond the near term we will need to see to a permanent home for the department. Bills before the legislature constantly threaten to empower the commissioners to charge for the housing that we utilize. We were never structured financially to play such a role. Most do not appreciate that the county provides no support from the general fund for our use. The only support we presently receive from county government is the building in which we reside.

We also hope to develop methods of helping to fund, along with other county and regional resources, environmental solutions through a pollution control fund established locally but patterned after those developed by larger agencies. The purpose of this fund would be to help those who are less capable financially to afford those measures that would ordinarily be out of their reach. This would serve two goals: 1) helping those who are in need and 2) allowing more timely resolution of a hazardous situation.

Overseeing all of our activities is of course our five member board. They devote countless hours of personal time and expertise to the betterment of the health of all in the county. Often they are criticized by others for their decisions but continue to administer the health laws of the state regardless. Just as the department does not remain static, neither does the Board.

Our Board Members meet at least once a month, and occasionally more often, in public to handle the business of the Board. They also volunteer for individual duty on committees, special projects and special events. They are good citizens and great Board Members. They are often involved in other civic minded groups or organizations and usually have a long history of commitment to the community. We at the department support the Board and look forward to working with Mr. Biery, our Board Chairperson, and the other Board Members for years to come.

As always, thank you for your continued help and support.

Sincerely,

James J. Enyeart MD

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 stems largely from the new tipping fees that were put into effect by the state of Ohio for all landfills.

The breakdown below for the Health Department's income and expenses for year 2005 is based upon figures reported to the Ohio Department of Health for the Annual Financial Report of Local Health Departments for Calendar Year 2005.

<u>2005 Income</u>		<u>2005 Expenses</u>	
\$ 3,434,784.75		\$ 2,796,055.31	
**2004 Carry Over Balance	\$ 296,866.39	*Personal Health	\$ 909,299.13
Inside Millage	347,744.01	*Environmental Health	1,321,568.23
Contracts with Other Cities	39,486.49	*General Administration	530,854.85
Medicaid Reimbursement	32,663.87	Laboratory/Clinical	6,246.10
Other Insurance Reimbursement	16,200.00	Laboratory/Environmental	28,087.00
Patient Fees/Sliding Fees	69,748.75		
State Subsidy	43,712.80	<i>*These figures include salaries and fringe benefits.</i>	
Local Funded Projects/Contracts	168,179.00	<i>**Carry Over Balance includes grant monies and is included in the overall 2005 Income figure listed above.</i>	
Environmental Health Fees	1,636,730.87		
ODH State Funded Proj./Grants	755,572.00		
Misc. Refunds/Revenue	27,880.57		

Health Department Employees as of 12/31/05

Administrative Staff	6 (1 Part-Time)	Social Worker	1 (Part-Time)
Sanitarians	*11	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 & 1 Sanitarian Who Started in December*
***Includes Director of Nursing*

	2000 Census <u>Population</u>	TY 2005 Value <u>Estimated</u>	2005 Proposed Dollars Generated From <u>.15 Inside Millage</u>	2005 Per Capita Expenditure From <u>.15 Inside Millage</u>
Bazetta	6,306	\$171,901,872	\$25,785.28	\$4.09
Bloomfield	1,097	18,500,442	2,775.07	\$2.53
Braceville	2,887	53,378,615	8,006.79	\$2.77
Bristol	3,154	49,017,750	7,352.66	\$2.33
Brookfield	9,921	141,600,827	21,240.12	\$2.14
Champion	9,762	180,975,566	27,146.33	\$2.78
Farmington	1,834	38,943,334	5,841.50	\$3.19
Fowler	2,733	46,537,830	6,980.67	\$2.55
Greene	986	14,845,577	2,226.84	\$2.26
Gustavus	948	14,840,810	2,226.12	\$2.35
Hartford	2,104	38,744,335	5,811.65	\$2.76
Howland	17,546	495,128,857	74,269.33	\$4.23
Hubbard	6,020	106,165,150	15,924.77	\$2.65
Johnston	2,040	33,836,410	5,075.46	\$2.49
Kinsman	1,943	34,799,483	5,219.92	\$2.69
Liberty	12,661	234,964,060	35,244.61	\$2.78
Mecca	2,829	43,195,320	6,479.30	\$2.29
Mesopotamia	3,051	35,787,921	5,368.19	\$1.76
Newton	4,522	66,177,600	9,926.64	\$2.20
Southington	3,817	65,398,650	9,809.80	\$2.57
Vernon	1,765	23,457,940	3,518.69	\$1.99
Vienna	3,993	96,162,450	14,424.37	\$3.61
Warren	7,817	119,919,233	17,987.88	\$2.30
Weathersfield	8,677	167,115,382	25,067.31	\$2.89
TOTAL TOWNSHIPS	118,413	\$2,291,395,414	\$ 343,709.30	\$2.90
Lordstown	3,633	\$155,198,907	23,279.84	\$6.41
McDonald	3,481	47,706,440	7,155.97	\$2.06
Orangeville	189	2,529,047	379.36	\$2.01
West Farmington	519	5,932,774	889.92	\$1.71
Yankee Lake	88	2,400,400	360.06	\$4.09
Newton Falls	5,002	66,908,387	10,036.26	\$2.01
TOTAL VILLAGES	12,912		\$ 42,101.41	\$3.26
Cortland	6,830	\$145,034,387	21,755.16	\$3.19
Hubbard	8,284	\$118,208,905	17,731.34	\$2.14
TOTAL CITIES	15,114		\$ 39,486.50	\$2.61
TOTAL ALL SUBDIVISIONS	146,439		\$ 425,297.21	\$2.90

Total Dollars Actually Received in Inside Millage for 2005 - \$387,230.50

2005 DISTRICT ADVISORY COUNCIL EXECUTIVE COUNCIL

Fred Hanley	Chairman
John Spelich	Vice Chairman
Rebecca Whitman	Secretary

2005 TRUMBULL COUNTY BOARD OF HEALTH

<u>Name</u>	<u>Address</u>	<u>Term Expires</u>
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
Dr. Pat DiTommaso	6265 Sodom Hutchings Rd., Liberty	March 2010

2005 TRUMBULL COUNTY HEALTH LICENSING COUNCIL

<u>Name & License Group Representation</u>	<u>Address</u>	<u>Term Expires</u>
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 Biery, Jr. <i>Retail Food Establishments</i>	1750 Braceville Robinson Rd., Southington	March 2007
Robert A. Rieke <i>Recreational Parks/Camps</i>	3959 St. Rt. 305, Southington	March 2010
Sheryl L. Albright <i>Food Service Operations</i>	6278 Chestnut Ridge Rd., Hubbard	March 2010

2005
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 (*Resigned 1/16/05*)
Judith A. Infante, R.N., CFHS Clinic Coordinator
Steven R. Kramer, Sanitarian-In-Training
Selene Layton, R.N., Director of Nursing
Natalie Markusic, Sanitarian-In-Training
Frank Migliozi, R.S., Director of Environmental Health
Lorraine Mikota, R.S., Public Health Sanitarian
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
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



HOW WE SERVED YOU in
2005

- 101- new prenatal patients
- 4,717- children & adults immunized for vaccine preventable diseases
- 108 - blood tests for lead screening
- 469 - students screened for vision & hearing
- 11 - newborn screenings
- 280 - home visits
- 27- Bureau of Children With Medical Handicaps (BCMH) diagnostic applications processed
- 201 - animal bite investigations
- 99 - animals tested for rabies
- 45 - health education presentations
- 288 - car & booster seats given out
- 742- nuisance complaint inspections
- 112- manufactured home park inspections
- 17 - park/camp inspections
- 126 - school inspections
- 60 - swimming pool inspections
- 368 - water samples tested
- 1,969- food service inspections
- 1,340- plumbing inspections
- 518- 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. 101 new clients were seen at 1,188 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. 26 physicians were providers on this program. 39 children utilized this program in 2005. Due to C.F.H.S. funding cuts, this program was discontinued June 30, 2005.

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 108 children and did follow up with 4 who had elevated results. Health department staff is also active on the Trumbull County Lead Task Force, which is a collaboration of agencies working to increase education about lead poisoning in Trumbull County. Over 200 families attended the task force sponsored health fair in October.

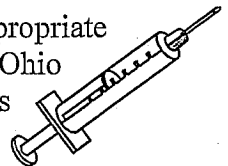
Folic Acid Education

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 228 clients who came to the health department for 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. 79.7% of the clients who attended our clinics in 2005 were up to date on their immunizations by 2 years of age.



Influenza

Public Health Nurses administered 3,067 flu shots at 12 sites around Trumbull County. These shots were administered during the months of October and November 2005 to senior citizens, adults and children 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. 101 doses of meningitis vaccine were administered in 2005.

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, and rubella), Varicella (chicken pox) and Hepatitis B.

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. 27 new diagnostic applications were process in 2005 and 240 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 component that the Trumbull County Health Department provides service for is:



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 531 home visits made by nurses in Trumbull County in 2005, 280 of those visits were made by Trumbull County Health Department nursing staff.

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. Car seats are primarily distributed through the Trumbull County Health Department to



parents/grandparents while attending an instructional class in proper use; however, in 2005 we also added a class once per month at St. Joseph's Hospital. 288 car seats/booster seats were provided at 44 classes held at the health department.

The program and instructional classes have been promoted throughout the county in the following ways:

- Explanation of how the program works, as well as the safety guidelines and laws in the state of Ohio was given to the Warren Rotary, all local health department nurses, Warren Kiwanis, Champion Kiwanis, Trumbull County Children's Services Board, St. Joe's Mom & Me Tea and caseworkers at Help Me Grow. Education and demonstration of the four steps were given at WIC parents' classes each month. A full instructional class with distribution of seats was done for the Student Parents at Trumbull County Even Start.
- Our four child passenger safety technicians participated in car seat checks throughout the Mahoning Valley: Jay Cole's Chevrolet in Newton Falls, Elm Road Wal-Mart in Bazetta Township, St Joe's Hospital Summer Splash on Eastland Avenue in Warren, Babies-R-Us in Boardman and Beeghley Medical Center in Youngstown, where one of our technicians was advanced to Technician Instructor for all of Trumbull County.
- Participated in health fairs with program display: Trumbull County Grads Program, TCAP Brookfield Pre-School, Cafaro Head Start Pre-School, Warren West TCAP Pre-School, Met the Teacher Night at Bascom Elementary in Leavittsburg and WCI Family Health Fair.
- Collaborated with other health and safety partners: Mahoning Valley SafeKids and Safe Communities. A Click-It or Ticket, What's Holding You Back Kick Off Campaign was held at Cafaro Field in May.

VI. ORGAN DONATION INFORMATION

In 2005 the health department applied for and received funds from the Ohio Department of Health 2nd Chance Trust Fund. The purpose of this program is to increase awareness about organ donation and to educate people about the facts related to organ donation.

Accomplishments under this program in 2005 included:

- Arranged for presentation by Lifebanc of Cleveland for attorneys and judges in Trumbull County.
- Gave presentation to physicians and office staff.
- Distributed organ donation information at all flu clinic and adolescent clinic sites.
- Provided organ donation information on the Trumbull County Health Department website – www.tcbh.org.

VII. 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 the county. We have collaborated to create a county wide bio-terrorism public health plan and a crisis communication plan. We continue to review and update these plans annually. In 2005 we drafted a mass clinic plan.

In addition, we have created a consortium of 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 September we organized a tabletop exercise with response agencies throughout the county. This exercise helped us to determine strengths and weaknesses in our plans. 39 participants representing 15 different agencies took part in the exercise. In October many of the same agencies participated in an actual mass flu clinic. We held two large clinics simultaneously. Since the goal of our mass clinic planning is to be able to provide medication to all of the residents in the county in a limited number of days, we felt this would test our ability to run clinics at multiple sites in a coordinated way. We operated one site at Packard Music Hall and another at McMenemy's Banquet Center, and provided influenza vaccine to over 1,200 clients in a four hour period. Participants included the Trumbull County Health Department, Warren City Health Department, Niles City Health Department, Girard City Health Department, Red Cross, Trumbull County, Niles and Girard EMAs, HMHP (St. Joseph's Hospital), Lifelines, Youngstown State and Kent State University students and instructors, Warren City and Girard City Police, Police Chaplain, Trumbull County Coroner's Office, and many community and CERT 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.

VIII. 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

	2005	2004	2003	2002	2001
AIDS	0	0	0	0	0
Botulism	0	0	0	1	0
Chlamydia	30	9	12	21	10
Gonorrhea	1	4	8	7	1
Syphilis	6	0	3	2	2
Cytomegalovirus	0	0	0	0	0
Hepatitis A	5	1	1	11	0
Hepatitis B	30	16	10	15	6
Hepatitis C	85	*68	*58	8	8
Meningitis (Bacterial)	1	1	3	1	1
Neisseria Meningitis	0	1	1	1	0
Meningitis Aseptic/Viral	26	1	2	6	8
Haemophilus Influenza	1	2	0	--	-
Legionnaires' disease	1	1	0	0	2
Streptococcus Pneumonia	6	18	9	9	7
Campylobacter	20	20	16	11	8
Giardiasis	5	2	7	8	3
Salmonellosis	6	12	14	10	12
Shigellosis	1	0	0	1	0
Cryptosporidiosis	6	11	3	0	1
Mumps	0	0	1	0	2
Pertussis	1	3	0	4	1
Lyme Disease	1	5	1	4	1
Encephalitis	0	2	0	1	1
Listeria	0	1	1	1	2
E-Coli	2	0	0	1	1
SIDS	2	2	3	1	0
Vibriosis	0	1	1	0	0
Group A Invasive Strep	1	1	5	2	1
Group B Strep (Neonatal)	1	1	0	1	0
HIV Positive	1	1	3	1	6
Kawasaki's Disease	1	0	0	0	0
Malaria	0	0	0	0	1
Rickettsia Africae	0	0	0	1	0
Toxic Shock Syndrome	0	0	0	1	0
West Nile Virus	0	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 18 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 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 2005 included reviews of the deaths that occurred in 2004 to children residing in Trumbull County who were under the age of 18 years. The board met quarterly to review selected individual deaths. A four member sub-committee met several times throughout the year to gather data, review the deaths and select cases for full review by the Board.

A new development during 2005 was the ability of the Vital Statistics Department at the Ohio Department of Health to supply the local health

departments with death certificates for children who were residents of Trumbull County, but who died in another county. This has given us more accurate statistics. In addition, the state of Ohio has begun to use a reporting tool developed by the National Maternal and Child Health Center for Child Death Review. Our data is entered into this system, and reports and data can be used to develop recommendations, advocate for and take actions to prevent child deaths and to keep children healthy and safe.

There were a total of 35 deaths to children under the age of 18 years in Trumbull County during 2004. A total of 22 of these were natural deaths, which are a result of a natural process such as disease, congenital defect, or prematurity. There were eight deaths due to accidental causes, including smoke inhalation, drowning and pedestrian trauma. Two infants died as the result of Sudden Infant Death Syndrome (SIDS), and there were three teen suicide deaths.

The Board reviews have resulted in several recommendations and initiatives:

1. To include suicide prevention information in the training curriculum for newly hired teachers in Trumbull County Schools.
2. To publicize a "Safe Sleep" message for infants using a billboard display and several other methods such as distributing information at newborn home visits, immunization clinics and other avenues in partnership with the Trumbull County Children Services Board.
3. To include representatives from the Trumbull County Educational Service Center and the Warren City Schools on the Trumbull County Child Fatality Review Board.

*Summary of Child Deaths
Occurring in 2004*

Reviewed in 2005

Total Number of Deaths to Children Under Age 18 Years in
Trumbull County - 35

Natural Death to Children Older than 1 Year – 6

Natural Death to Children 0 to 1 Year, Other Than SIDS – 16

SIDS (Sudden Infant Death Syndrome) – 2

Accidental – 8

Suicide – 3

**Annual Report of the Health Educator
Mel Milliron
2005**

Cardio-Vascular Health Grant

In year 2001 the Health Department wrote for and received a five-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 2005 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.

- **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 been 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 initial target area in Trumbull County was South Central Warren. The target area for 2006 has expanded to 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 fitness, 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 five 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.

- **Highlights of Activities in 2005**

1. Action For Healthy Kids/Coordinated School Health: Two workshops dealing with the new mandated school wellness policy were held at Kent State University Trumbull Campus. The health educator also acts as a resource person for schools developing wellness teams and activities.
2. City Parks: Coalition members were instrumental in attempting to keep open Quinby Park and holding the forth annual Juneteenth celebration.
3. Trumbull Memorial Hospital Foundation: The health educator was an active member of the TMH Foundation "Move To Improve" program that inspired over 600 county residents to walk for exercise.
4. Family Fit Nite: This family oriented event was co-sponsored with the Trumbull County Medical Society Alliance. It focused on causes and cures for childhood obesity.
5. Childhood Obesity/Diabetes conference: The health educator was on the planning committee for this day long event sponsored by the Trumbull County Medical Society Alliance. Over 100 child service professionals attended.
6. Built Environment Conference: Over 125 people attended this conference. The purpose of the event was to help planners to develop communities, buildings, schools and the like, with health in mind.
7. 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.
8. Arthritis Exercise Program: We have contracted with the Ohio Department of Health to implement the Arthritis Foundation's Exercise Program at the Warren Scope Center in 2006.
9. Blood Pressure Update: Over twenty occupational health nurses were trained on the new guidelines concerning blood pressure. The training is done by two of our clinic staff nurses.
10. Food Service Training: The health department co-sponsored a workshop for school food service personal that dealt with the wellness policy, ala carte' and healthy vending choices. Thirty-four school food service staff were in attendance.
11. Smokers Anonymous: Continues at St. Joseph Hospital
12. Worksite Wellness: The health educator acts as a consultant to businesses that want to institute work-site wellness programs.
13. A smoke free dining guide was developed and promoted.
14. A "Twenty-nine Reasons to be Smoke Free" restaurant guide was developed and distributed.
15. A Trumbull County Parks resource guide was printed.

- **Other Coalition Involvement:** As part of the grant, the Health Educator is an active member of the following coalitions and committees.
 1. Trumbull Coordinated School Health Coalition-co-coordinator
 2. Action For Healthy Kids Zone Four Committee
 3. Friends of the Western Reserve Greenway
 4. MCAT Coalition-four county tobacco coalition
 5. The Healthy Valley Alliance
 6. Trumbull Memorial Hospital Foundation Community Relations Committee
 7. The Ohio State University Advisory Board
 8. Red Ribbon Committee
 9. Partnership for Success
 10. GM/UAW Diabetes Work Group
 11. Community Concerned Citizens II-assistant secretary
 12. Trumbull County Medical Society Alliance Planning Committee

Presentations and Lectures

The health educator made presentations throughout the year on fitness, nutrition and tobacco use. Presentation sites included, Kent State University Trumbull Campus, Youngstown State University, Children Services Board, Northeast Ohio Adoption Services, WIC, Champion Central and Bazetta Elementary Schools and Head Start.

Annual Report Of Health Educator

Gina Ross



2005

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. The MCAT grant is a four year grant and is funded until January 2007.

Activities for the 2005 TUPCF MCAT Grant include the following:

Stay Tobacco Free Athlete Mentoring Program (S.T.A.M.P)

- ❖ The S.T.A.M.P program is an American Cancer Society youth tobacco prevention program. This program is offered free of charge to any Trumbull County School district through the MCAT grant. There are a total of four sessions that the health educator trains high school students to mentor middle school students on the dangers and effects of tobacco use. The idea behind S.T.A.M.P is peer to peer teaching and has proved to be an excellent program for school districts. To date approximately ten Trumbull County School districts offer S.T.A.M.P to their students.

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. The health educator continues to promote this document through meetings and presentations with both school administrators and faculty.

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 4th annual Active Students Against Tobacco (ASAT) Summit in March of 2005. 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 held at Poland Middle School in Mahoning County and had approximately 75 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

- ❖ Public and home child care providers have received educational information for parents on the dangers of second hand smoke. The health educator will offer trainings on the "ABC's of Secondhand Smoke" program which was created by the National Safety Council, for all Trumbull County child care providers. This program consists of information for staff at the child care facility as well as take home information for parents. The curriculum for the ABC's of Secondhand Smoke program is geared for K-2 children. The health educator will be holding trainings starting in February 2006 for any interested child care facilities.

Compliance Checks

- ❖ The health educator conducted a total of one compliance check in the month of July 2005. The results from the compliance check revealed that 4 tobacco sales out of 24 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 updated in August 2005. The guide currently contains approximately 60 sit-down style smoke-free restaurants. All Trumbull County restaurants have received a "29 Reasons to be a Smoke Free Restaurant" brochure which was created in 2005. Anyone wanting to obtain a "Smoke-Free Dining Guide" or get more information on how to become a smoke free facility should contact the health department.

Other Activities/Projects:

Certified Car Seat Technician

- ❖ The health educator has been certified to be a car seat technician. The Trumbull County Health Clinic offers car seats to individuals in need at a low cost and every recipient is required to go through the car seat class. Classes and installations are offered 2-3 times per month at the4 Trumbull County Health Department.

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

In 2005, the State of Ohio General Assembly passed three new pieces of legislation, which were signed by the governor. The new laws will greatly affect environmental division of local health districts in the areas of home sewage systems, school inspections, and construction and demolition debris facilities. The new laws are known as H.B. 231, H.B. 203 and H.B. 397 respectively.

In January 2005, the governor signed H.B. 231 into law. This piece of legislation will replace the twenty-eight year old set of regulations that currently are administered to home sewage systems. A major transition in protecting surface waters, as well as ground water will occur. The old philosophy of disposal methods will change to that of treatment and reuse. The bulleted items listed below are some of the major changes in the law:

- Boards of Health will be surveyed by the Ohio Department of Health to monitor compliance.
- Boards of Health will be required to conduct cost methodologies to establish fees to administer the program and submit the calculated fees to the state.
- Boards of Health will be required to collect a newly established state fee and transmit those fees to the Ohio Department of Health every 60 days.
- The Ohio Department of Health will be required to establish new regulations for sighting, installing and monitoring home sewage systems.
- A small flow septic system has been created to establish criteria for non-residential systems that generate less than 1,000 gallons of wastewater per day.
- The law empowers the Health Commissioner to take immediate action against a property owner that poses an immediate danger to public health.
- The law will require property owners to operate and maintain their septic systems in compliance with all applicable standards.
- The law will establish a general National Pollutant Discharge Elimination System (NPDES) permit for all discharging septic systems.

- The law will require all point of sale transactions to properly disclose the operation and maintenance of the septic system on the property to the prospective buyer. This information is to be obtained from the Board of Health.

In the Fall of 2005, the governor signed H.B. 203 into law. This piece of legislation is geared toward inspections of school buildings. Under the old set of codes that govern inspections of school buildings, local health departments were focused on inspecting sanitary conditions of the structures. In recent years, there has been a growing concern over indoor air quality and exposure to airborne micro-organisms. As a result, H.B. 203 not only addresses sanitation within schools, but it also adds a component that will focus on indoor air quality. This will ultimately require school districts to conduct indoor air sampling, investigations and implementation of the Tools for Schools program, which is geared toward eliminating hazards that may lead to poor air quality. If a hazardous condition is discovered during this process, the board of health will be empowered to order the abatement of the condition. It is believed that if improvements are made to air quality that both faculty and student absenteeism will decrease.

Finally, in December 2005 the governor signed H.B. 397 into law. This piece of legislation will supplement Ohio Administrative Code 3745-37 and 3745-400, as well as H.B. 432, which governs construction and demolition debris sites. Under the old set of rules, the program was entirely handled by local boards of health. In addition, the only sighting criteria was that a site could not be located over a sole source aquifer, or be located within a 100 year flood plain. Also, no background checks were required for an individual or firm proposing to construct a site. However, under H.B. 397 many of these issues have been addressed. The bulleted items listed below are some of the major additions:

- Disclosure statements of compliance history and background checks on new owners/operators are required.
- Routine ground water monitoring is required.
- The implementation of Best Management Practices (BMP) recognized by the Ohio EPA is required.
- Facility operators will be required to be certified.
- A leachate monitoring program is required.

- New more stringent financial assurance and post-closure care is required.
- Ohio EPA will review applications and issue a permit to install.
- New sighting criteria and setback requirements to dwellings, structures and bodies of water required.

As you can see, the new laws passed by the General Assembly are a set of comprehensive standards aimed to protect public health; however, they will come at an expense. Many of the programs will require an increase of staffing, equipment, and instrumentation to effectively conduct these types of inspections. Ultimately, the cost of accomplishing these tasks will be passed onto the consumer. The environmental division requests that you become familiar with these laws by visiting the Ohio House of Representatives website and reading the documents in their entirety to fully understand them. As always, I will attempt to assist you in any way possible.

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

Thank you!

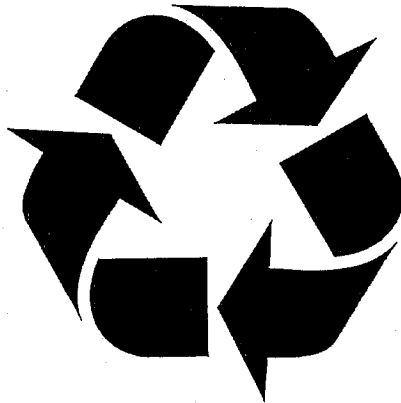
Frank Migliozi, R.S.
Director of Environmental Health

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 2005, the Trumbull County Health Department investigated and closed 77 solid waste nuisance complaints.

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 2005 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 2005 the Trumbull County Health Department licensed 4 tattoo and body piercing establishments and 13 artists.

In January 2004 the Body Art Expo, a time-limited event, was held in Trumbull County. Trumbull County Health Department registered 29 artists who represented 17 establishments from 8 states and 7 Ohio jurisdictions.



RABIES PREVENTION PROGRAM

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

2005 yielded 201 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 99 animals tested for rabies at the Ohio Department of Health laboratory, with 43 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 56 suitable raccoon, skunk or fox were tested for rabies. One raccoon testing positive for rabies in 2005.

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 2005 there were at least 25 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.

Trumbull County Rabies Prevention Task Force meetings have been held throughout previous years. 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

- * Bookmarks
- * Door Hangers

- * 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
- * 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 2005. 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 2005: 33 raccoons, 2 skunks, 1 coyote and 1 groundhog.

Summary

	2005	2004	2003	2002	2001
ANIMAL BITES TO HUMANS	201	293	304	362	343
HUMAN POST EXPOSURE TREATMENT	25	31	23	8	11
RABIES POSITIVE ANIMALS	1	0	2	0	1
OTHER ANIMALS TESTED	43	57	61	64	61
RACCOONS TESTED	56	74	34	73	86
ANIMALS VACCINATED AT CLINIC	N/A	N/A	1,041	932	901

West Nile Virus

Surveillance, Prevention & Control

West Nile Virus Facts:

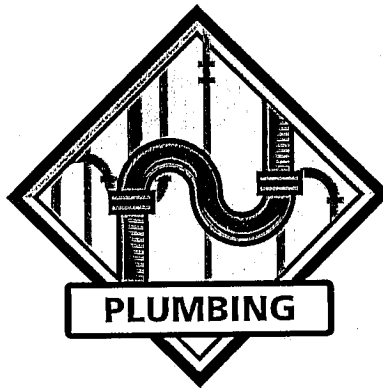
- People can be infected if they are bitten by a mosquito that has the virus.
- West Nile Virus (WNV) causes an infection that can lead to a disease called encephalitis, a swelling of the brain.
- Only one infected person in 150 will get very sick from WNV. These people may have body aches, confusion, 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.

2005 - Trumbull County Health Department Activities

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



The Trumbull County Health Department offered a 10 hour class for all registered plumbing contractors in Trumbull County. Courses were offered by the following:

1. Worker's Compensation.
2. Social Security
3. Ohio Construction Industry Licensing Board
4. Acting Chief Plumbing Inspector for the State of Ohio
5. Pro Spec Sales Inc. On the Use of Pex Water Tubing

33 contractors attended the 10 hour class.

The health department is trying to develop a better relationship with our contractors.

1. If a contractor requests an inspection by 10:00 A.M., we will inspect that day. This allows the contractor to test his installation and have full knowledge that the test will be verified that day.
2. If a problem is found on an installation, we work with the contractor to correct it with a minimum of lost time and difficulty.

A state wide residential plumbing code will go into effect on May 27, 2006. This code will govern one, two and three family units. This code allows the contractor to bid a job anywhere in the state, knowing that the code will be the same in each jurisdiction. Our local rules will require little change to comply with the state code.

A lot of discussion has taken place in the past few years about putting plumbing inspection in the building department. It is our belief that the health departments that have active plumbing inspections will be allowed to continue as they have in the past.

Point of Sale Household Sewage Treatment System Inspections



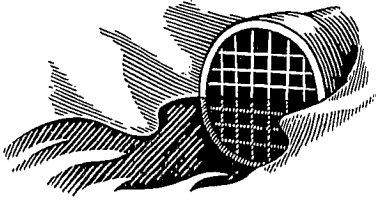
Point of sale inspections did not slow down for the year 2005 with 518 homes inspected, approximately 10% of these were in Ohio EPA, Ohio Department of Health and Trumbull County Board of Health priority and nuisance areas. Consistent with previous years, more than 95% of the total inspected were found to be in failure and ordered to be repaired, replaced or upgraded.

Point of sale inspections in 2005 also produced an increased awareness of plumbing violations pertaining to wastewater discharges other than to household sewage treatment systems (such as kitchens, laundries, basement showers, hand sinks etc. with direct discharges to road ditches, creeks, drainage swales and the like). With the hiring of Mr. Robert O'Connell, the plumbing department has become more involved, in that these findings are now being forwarded to him for follow up inspection and permitting.

Also, 2005 has seen the beginning of cases being filed with the courts for failure to comply. This is a result of the length of time involved in the "due process" procedure where the homeowners notified of violations in 2003 can only now be referred to the courts.

The point of sale inspections still remain the fairest method of addressing nuisances involving household sewage treatment systems as required by the Ohio EPA and the Ohio Department of Health in that, eventually, every home will sell and therefore be inspected. Keeping in mind the state of our county's economy, it is also the time when monies are most available for the required repairs, replacements and upgrades.

Again, the point of sale program is making notable progress in cleaning up township, village, county and state roadside ditches, drainage ways, creeks, streams and neighborhood backyards of untreated and partially treated sewage effluent. Also, as a result of the point of sale inspections, buyers and sellers of dwellings on household sewage treatment systems are still being placed in the operation and maintenance program, which provides for continued monitoring of their systems.



SEMI-PUBLIC SEWAGE TREATMENT SYSTEMS

The 2005 calendar year brought about many changes in the semi-public sewage treatment system inspection program. The ability to conduct inspections and administer enforcement of regulations, approved at the county level in August 2004, increased program efficiency. The definition of a Semi-Public Sewage Treatment System (SPSTS) means a system that treats all sewage discharged from a structure other than a one, two or three family dwelling and does not include structures that generate wastewater in the amounts of more than 25,000 gallons per day.

Improvements were requested at a large number of registered 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 plan operators and service providers of package extended aeration sewage treatment plans 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.

The inspection of the installation of Ohio EPA approvable SPSTS was conducted. Many more installations are in process and yet more are in the design phase. While accompanying the Ohio EPA representative, site evaluations were conducted and working in conjunction with the Ohio EPA several ongoing sewage issues are being pursued.

The year 2005 allowed for many water quality improvements in the county and many more are foreseen in the future.

LICENSES, PERMITS & REGISTRATIONS

	<u>2005</u>	<u>2004</u>	<u>2003</u>	<u>2002</u>	<u>2001</u>
Master Plumbers	107	116	92	147	159
Journeyman Plumbers	47	31	43	36	37
Sewage System Installers	68	71	43	82	78
Sanitary Servicemen	26	23	23	26	26
Garbage & Refuse Haulers	19	18	15	16	18
Water Haulers	2	2	2	2	2
Tattoo/Body Piercing Establishments	4	2	3	3	3
Tattoo/Body Piercing Artists	13	11	15	22	17
Body Art Expo Artists	38	37	36	38	50
Service Providers	14	14	10	-	-
Food Service Operations/Retail Food Establishments	637	642	647	631	675
Mobile Units	76	73	75	63	108
Vending Machines	166	167	177	174	185
<hr style="border-top: 3px double #000;"/>					
Plumbing Permits	504	574	509	644	570
Sewage System Permits	600	500	333	318	288
*New On-Lots.....	150 = 25%				
*Band-Aids.....	12 = 2%				
*Repair Off-Lots.....	294 = 49%				
*Repair On-Lots.....	144 = 24%				
Preliminary Evaluations	678	632	204	264	270
Private Water Systems (Well Permits)	173	171	204	220	273
Private Water Systems (Sealing)	6	7	6	9	-
Manufactured Home Parks	33	33	32	33	32
Recreational Parks/Camps	15	15	16	16	16
Swimming Pools	42	38	38	37	45
Semi-Public Disposal Systems	734	809	803	829	824
Real Estate Sewage Insp.	518	444	410	-	-
Permit to Operate (O&M)	963	792	440	-	-

*This shows a 24% reduction in off-lot discharging systems for 2005.