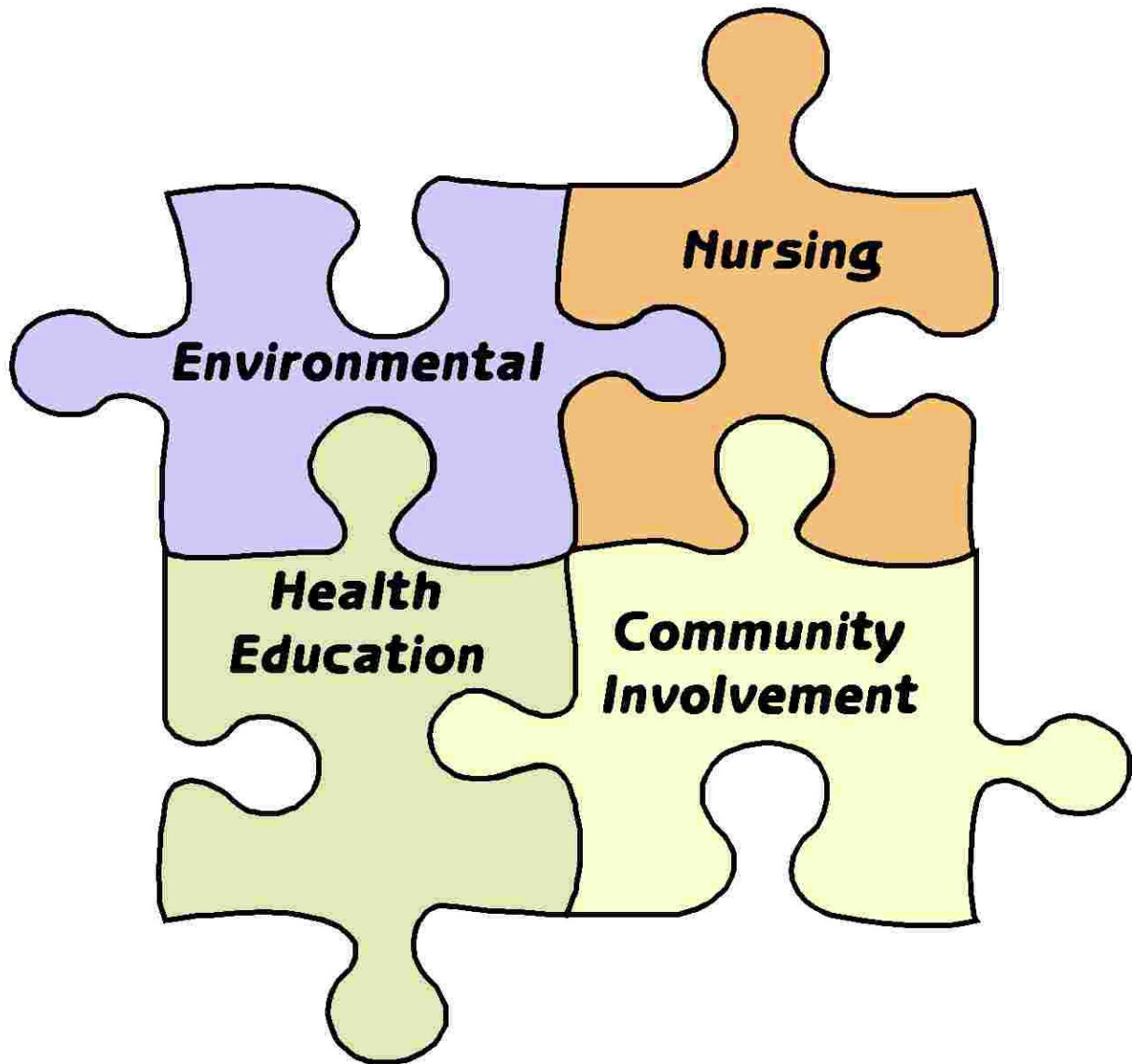


Trumbull County General Health District



**2006
Annual Report**

Protecting the Environment

I wanted to call attention to the relatively frequent letters and phone calls of thanks or support we receive from the elected officials of the cities and townships we serve. Most recently we received such a letter from Liberty Township, but over the years we have received many such expressions of gratitude from our township trustees.

The health department has had many opportunities to assist the townships and cities of Trumbull County and have always felt it an honor to be of service to them. Some of the more common ways we are of service is through the inspection and declaration of properties considered to be unfit for human habitation, the enforcement of illegal dumping regulations, and the elimination of potentially dangerous accumulations of solid waste. So how are we doing? Can we do better? I think so and here is perhaps one way.

I recently met with several councilmen from a local municipality within the county. They have been concerned about a contractor working within their jurisdiction who does not appear to be following the environmental regulations. The health department has cited that individual for these violations and filed charges multiple times in the local courts. As far as anyone can tell though, nothing has been done. Why?

Perhaps part of the answer can be found in the way environmental infractions are adjudicated.

First, there are multiple courts of jurisdiction throughout the county rather than just one. Among the various jurisdictions, their procedures and requirements vary, their familiarity with environmental law and its enforcement varies and judicial temperament varies as well.

Additionally, the time needed for our sanitarians to travel to the various jurisdictions, file charges, schedule appearances and return for postponements etc., all add to the cost of environmental enforcement and of course drastically reduces our effectiveness.

Lastly, there is an issue of fairness, even to those who are accused. What may result in penalties in one jurisdiction of the county may not in another. This lack of consistency across the county gives comfort to some who would take the environmental laws less seriously.

In an effort to address these perceived inequalities, the Board of Health has proposed the development of an Environmental Court. This is not a new idea. It can be found in many other counties. A program similar to this exists in neighboring Mahoning County. As we had originally proposed it, this court would operate under the auspices of the common pleas court and would be funded by the assessment of penalties.

The advantages of such a system are many. First, there is the immediate impression that the county places a premium on the health and well being of all of its residents by protecting the environment.

Second, the environmental laws are applied evenly, regardless of the nature of the offense, throughout the county. This will be a deficient to those who have not taken our environmental laws seriously.

Last is the opportunity to develop more productive ways of prevention. The residents of our communities begin to see what is not lawful behavior with regard to environmental law and what can be done to enforce it in their communities.

Like any new idea, it often takes some time to become accepted. I am hoping that through the efforts of the Board of Health, our community leaders, our elected officials and concerned citizens we can do a better job of managing the health of our county. Please give it some thought, as the health of our community depends on all of us.

Thank you.

James J. Enyeart, M.D.
Health Commissioner

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 2006 is based upon figures reported to the Ohio Department of Health for the Annual Financial Report of Local Health Departments for Calendar Year 2006.

<u>2006 Income</u>		<u>2006 Expenses</u>	
\$3,883,525.99		\$3,423,067.91	
**2005 Carry Over Balance	\$322,289.23	*Personal Health	\$852,605.18
Inside Millage	388,965.62	*Environmental Health	2,032,552.06
Contracts with Other Cities	39,486.49	*General Administration	498,588.77
Medicaid Reimbursement	15,839.68	Laboratory/Clinical	2,307.90
Other Insurance Reimbursement	14,280.00	Laboratory/Environmental	37,014.00
Patient Fees/Sliding Fees	78,992.56		
State Subsidy	44,511.71	<i>*These figures include salaries and fringe benefits.</i>	
Local Funded Projects/Contracts	137,948.81	<i>**Carry Over Balance includes grant monies and is included in the overall 2006 Income figure listed above.</i>	
Environmental Health Fees	2,319,920.69	<i>This figure includes state tipping fees required under the construction & demolition debris program.</i>	
ODH State Funded Proj./Grants	495,465.00		
Misc. Refunds/Revenue	25,826.20		

Health Department Employees as of 12/31/06

Administrative Staff	6 (1 Part-Time)	Sanitarians	*12 (1 Part-Time)
Health Educator	2	Plumbing Inspector	1
Nutritionist	1 (Contracted)	Nurses	**7
Medical Assistants	2 (1 Part-Time)		

**Includes Director of Environmental Health*

***Includes Director of Nursing*

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 2006 is based upon figures reported to the Ohio Department of Health for the Annual Financial Report of Local Health Departments for Calendar Year 2006.

<u>2006 Income</u>		<u>2006 Expenses</u>	
\$3,883,525.99		\$3,423,067.91	
**2005 Carry Over Balance	\$322,289.23	*Personal Health	\$852,605.18
Inside Millage	388,965.62	*Environmental Health	2,032,552.06
Contracts with Other Cities	39,486.49	*General Administration	498,588.77
Medicaid Reimbursement	15,839.68	Laboratory/Clinical	2,307.90
Other Insurance Reimbursement	14,280.00	Laboratory/Environmental	37,014.00
Patient Fees/Sliding Fees	78,992.56		
State Subsidy	44,511.71	<i>*These figures include salaries and fringe benefits.</i>	
Local Funded Projects/Contracts	137,948.81	<i>**Carry Over Balance includes grant monies and is included in the overall 2006 Income figure listed above.</i>	
Environmental Health Fees	2,319,920.69	<i>This figure includes state tipping fees required under the construction & demolition debris program.</i>	
ODH State Funded Proj./Grants	495,465.00		
Misc. Refunds/Revenue	25,826.20		

Health Department Employees as of 12/31/06

Administrative Staff	6 (1 Part-Time)	Sanitarians	*12 (1 Part-Time)
Health Educator	2	Plumbing Inspector	1
Nutritionist	1 (Contracted)	Nurses	**7
Medical Assistants	2 (1 Part-Time)		

**Includes Director of Environmental Health*

***Includes Director of Nursing*

2006 DISTRICT ADVISORY COUNCIL EXECUTIVE COUNCIL

Fred Hanley	Chairman
Walt Emrick	Vice Chairman
Rebecca Whitman	Secretary

2006 TRUMBULL COUNTY BOARD OF HEALTH

<u>Name</u>	<u>Address</u>	<u>Term Expires</u>
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
Donald Scott Thompson	3082 Custer Orangeville Road, Burghill	March 2011

2006 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 2011
Thomas Sutcliffe <i>Swimming Pools</i>	RDW Co., 6600 Seville Dr., Suite #1, Canfield	March 2011
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

2006
TRUMBULL COUNTY HEALTH DEPARTMENT
PERSONNEL

Jeannette Bailey-Sigle, L.S.W., Social Worker (*Laid Off 7/1/06*)
Justin Bechtel, R.S., Public Health Sanitarian
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
Kevin Francis, R.S., Public Health Sanitarian
Rodney Hedge, R.S., Public Health Sanitarian
Judith A. Roman, 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 (*Resigned 6/2/06*)
Mel Milliron, C.H.E.S., Health Educator/Planner
Deborah Mokosh, R.N., Public Health Nurse
Nancy Norton, R.N., Public Health Nurse Coord. (*Retired 5/31/06*)
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
2006

2,873 - children & adults immunized
for vaccine preventable
diseases
155 - blood tests for lead screening
403 - students screened for vision &
hearing
9 - newborn screenings
317 - home visits
21 - Bureau of Children With
Medical Handicaps (BCMHI)
diagnostic applications
processed
250 - animal bite investigations
66 - animals tested for rabies
200 - car & booster seats given out
539 - nuisance complaint
inspections
80 - manufactured home park
inspections
18 - park/camp inspections
71 - school inspections
58 - swimming pool inspections
307 - water samples tested
784 - real estate sewage inspections
1,306 - food service inspections
366 - retail food establishment
inspections
1,237 - plumbing inspections

Vision Statement

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

Mission Statement

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

- Nursing
- Environmental Health
- Health Promotion

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

Core Values

- Excellence
- Professionalism
- Leadership
- Integrity
- Respect for all
- Recognition of Cultural Diversity

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.

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

Initiatives that we have undertaken through this program include:

Community Assessment

In order to better provide programs in the county, we do ongoing assessment of the community needs and resources. We formed a community assessment committee that meets at least quarterly. The committee is made up of a variety of organizations and agencies that provide services in our community. Identification of needs and resources is done through surveys, data collection, and focal group discussions. Some of the issues and/or needs that have been identified by the committee are:

- Prescription assistance
- Speech therapy for low income children
- Transition to Medicaid managed care
- Transportation
- Dental care for Medicaid recipients
- Access to care low income residents
- Maternal depression

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

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

Lead screening is offered at the health department, along with other community sites to children one year to six years of age. We tested 155 children and did follow up with 6 who had elevated results. An additional 232 children were tested through a partnership with TCAP Head Start. 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 folic acid information to the 157 clients who came to the health department for pregnancy tests. The long-range goal is to prevent the occurrence of birth defects such as neural tube disorders.

Preschool Childhood Obesity Prevention Program

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

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 10 clinic sites located around Trumbull County. 75% of the clients who attended our clinics in 2006 were up to date on their immunizations by 2 years of age.



Influenza

Public Health Nurses administered 1,119 flu shots at 12 sites around Trumbull County. These shots were administered during the months of November and December to senior citizens, adults and children with medical problems.

Meningitis Clinics

Centers for Disease Control (CDC) and American Committee on Immunization Practices (ACIP) 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. 109 doses of meningitis vaccine were administered in 2006.

Adult Immunization Clinics

Adult immunization services are offered monthly at the health department for any adult in Trumbull County. Vaccines available are Td (tetanus/diphtheria) Tdap (tetanus, diphtheria, pertussis), MMR (measles, mumps, and rubella), Varicella (chicken pox) and Hepatitis B. We provided immunizations for 404 adults in 2006.

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. 21 new diagnostic applications were process in 2006 and 312 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. 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 515 home visits made by nurses in Trumbull County in 2006; 317 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. Classes are held at the health department and St. Joseph's Hospital. These classes are staffed by Public Health Nurses who have gone to additional training and are state certified car seat technicians. Our Program Coordinator has gone one step further and is a car seat technician instructor. 200 car seats/booster seats were provided at 42 classes held at the health department or hospital. In addition, our staff attended and did car seat or booster seat checks at several TCAP Head Start Family Nights as well as community based car seat checks at local auto dealerships.



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 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 and in 2006 a pandemic influenza plan. Also in 2006, all of our staff completed National Incident Management System (NIMS) training.

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 May we organized a tabletop plus exercise with response agencies throughout the county. This exercise tested our response to an influenza pandemic and helped us to determine strengths and weaknesses in our plans. 67 participants representing 30 different agencies took part in the exercise.

Although communicable disease investigation has always been a health department function, we have put new emphasis on early recognition and investigation of possible

outbreaks; therefore in September several of our nursing and environmental staff participated in a regional epidemiology drill.

Our health department, under the guidance of the health commissioner, co-sponsored a Pandemic Flu Summit with Mahoning County Health Department on October 4, 2006. This brought together agencies and first responders from both counties to share information and learn from one another

In November many of the same agencies participated in an actual mass flu clinic. We held a clinic at the Packard Music Hall and provided flu vaccine to over 500 residents in a 4 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 EMA, HMHP (St. Joseph's Hospital), Lifelines, Kent State University students and instructors, Warren City Police, Trumbull County Coroner's Office, and many community volunteers. This clinic allowed us to test our ability to set up and run a large clinic and to test new equipment we obtained through Ohio Department of Health to register clients and get them through the clinic in minimal time.

Medical Reserve Corp (MRC)

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

We 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.

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

	2006	2005	2004	2003	2002
Amebiasis	1	-	-	-	-
AIDS	0	0	0	0	0
Botulism	0	0	0	0	1
Chlamydia	21	30	9	12	21
Gonorrhea	9	1	4	8	7
Syphilis	0	6	0	3	2
Cytomegalovirus	0	0	0	0	0
Hepatitis A	0	5	1	1	11
Hepatitis B	23	30	16	10	15
Hepatitis C	71	85	*68	*58	8
Meningitis (Bacterial)	0	1	1	3	1
Neisseria Meningitis	2	0	1	1	1
Meningitis Aseptic/Viral	4	26	1	2	6
Haemophilus Influenza	3	1	2	0	--
Legionnaires' disease	2	1	1	0	0
Streptococcus Pneumonia	13	6	18	9	9
Campylobacter	8	20	20	16	11
Giardiasis	13	5	2	7	8
Salmonellosis	17	6	12	14	10
Shigellosis	0	1	0	0	1
Cryptosporidiosis	8	6	11	3	0
Mumps	0	0	0	1	0
Pertussis	1	1	3	0	4
Lyme Disease	3	1	5	1	4
Encephalitis	0	0	2	0	1
Listeria	1	0	1	1	1
E-Coli	1	2	0	0	1
SIDS	2	2	2	3	1
Vibriosis	0	0	1	1	0
Group A Invasive Strep	5	1	1	5	2
Group B Strep (Neonatal)	0	1	1	0	1
HIV Positive	*15	1	1	3	1
Kawasaki's Disease	2	1	0	0	0
Malaria	0	0	0	0	0
Rickettsia Africae	0	0	0	0	1
Toxic Shock Syndrome	1	0	0	0	1
West Nile Virus	0	0	1	1	-
Staphylococcal Aureaus (VISA)	1	-	-	-	-

**The jump in cases of HIV is due to a change in reporting. The number represents all of Trumbull County, not just our health district.*

Trumbull County 2006 Reported Communicable Disease Cases

<u>Mespotamia</u> 1- Strep Group A * 2- Varicella >	<u>Bloomfield</u> 1- Chlamydia 1- Hepatitis C +	<u>Green</u> 1- Hepatitis C 2- Varicella	<u>Gustavus</u> 2- Cryptosporidium 1- Gonococcal 2- Varicella	<u>Kinsman</u> 1- Giardia 2- Varicella
<u>Farmington</u> 1- Giardia 1- Salmonella 2- Strep Pneumonia < 2- Varicella	<u>Bristol</u> 1- Hepatitis C 1- Salmonella	<u>Mecca</u> 2- Hepatitis C 3- Varicella	<u>Johnston</u> 1- Hib 1- Staph Aureus (VISA) 2- Varicella	<u>Vernon</u> 1- Camphylabacter 1- Varicella
<u>Southington</u> 3- Hepatitis C 1- Kawasaki 2- Legionnaires 1- Strep Group A	<u>Champion</u> 1- Camphylabacter 2- Cryptosporidium 1- Giardia 2- Hepatitis C 2- Salmonella 1- Strep Pneumonia 14- Varicella	<u>Bazetta</u> 2- Camphylabacter 4- Chlamydia 1- Cryptosporidium 1- E-Coli 0157: H7 2- Giardia 1- Gonococcal 6- Hepatitis B ^ 9- Hepatitis C 1- Lymes Disease 3- Salmonella 1- Strep Group A 1- Strep Pneumonia 1- Toxic Shock Syndrome 13- Varicella	<u>Fowler</u> 1- Camphylabacter 1- Hepatitis C 2- Strep Pneumonia 1- Varicella	<u>Hartford</u> 1- Salmonella 7- Varicella
<u>Braceville</u> 1- Hepatitis C 1- Meningitis - Bacteria 4- Varicella	<u>Warren *</u> 2-Camphylabacter 6- Chlamydia 1- Cryptosporidium 2- Giardia 5- Gonococcal 4- Hepatitis B 18- Hepatitis C 1- Legionnaires 1- Listeria 1- Meningitis - Bacteria 2- Salmonella 1- Strep Pneumonia 15- Varicella	<u>Howland</u> 5- Chlamydia 1- Cryptosporidium 4- Hepatitis B 7- Hepatitis C 1- Pertusis 2- Salmonella 2- Strep Group A 55- Varicella	<u>Vienna</u> 1- Hepatitis B 5- Varicella	<u>Brookfield</u> 2- Chlamydia 1- Giardia 1- Hepatitis B 6- Hepatitis C 2- Meningitis - Viral 7- Varicella
<u>Newton</u> 1- Chlamydia 1- Cryptosporidium 1- Gonococcal 1- Hib 1- Hepatitis B 2- Hepatitis C 2- Legionnaires 2- Lymes Disease 2- Salmonella 13- Varicella	<u>Lordstown</u>	<u>Weathersfield</u> 1- Chlamydia 2- Giardia 1- Gonococcal 1- Hib 1- Hepatitis B 6- Hepatitis C 1- Kawasaki 1- Meningitis – Viral 1- Salmonella 3- Strep Pneumonia 8- Varicella	<u>Liberty</u> 1-Amebiasis 1- Camphylabacter 2- Giardia 3- Hepatitis B 6- Hepatitis C 1- Legionnaires 1- Salmonella 2- Strep Pneumonia 6- Varicella	<u>Hubbard</u> 1- Chlamydia 1- Giardia 2- Hepatitis B 5- Hepatitis C 1- Meningitis – Viral 1- Salmonella 1- Strep Pneumonia 21- Varicella

* Strep Group A cases includes both invasive and non-invasive.

+ Hepatitis C cases include only Chronic cases (there were no acute cases reported in 2006)

^ Hepatitis B cases include Chronic and Acute cases.

< Strep pneumonia cases include antibiotic resistance known, unknown or non-resistant cases.

> All Varicella cases are probable based on symptoms. There were no lab confirmed cases of Varicella in 2006.

*Warren includes cases that have zip codes ending in 81, 83, 84, & 85 that were not geo-coded; and 2 cases that had zip codes out of Trumbull County.

- There were **1100 influenza cases** reported to Trumbull County Health Dept. These cases were based on symptoms and not lab confirmed. They are entered as Class B cases by number of cases received at end of the work week. There are no demographics linked to cases and therefore cannot be geo-coded.

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:

The 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)
Warren City Health Department
Trumbull County Prosecutor's Office
Trumbull County Sheriff's Office
Trumbull County Education Service Center
Warren City Schools
Girard City Health Department

Activities of the Board during 2006 included reviews of the deaths that occurred in 2005 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.

There were 32 deaths to children under the age of 18 years in Trumbull County during 2005. A total of 16 were natural deaths which are deaths from natural processes such as disease, congenital anomalies or prematurity. Of note 7 of these deaths were to prematurity. There was 1 death due to auto-pedestrian collision, 1 electrocution (came into contact with a live wire), 1 homicide per gunshot wounds. Also of significance there were 2 probable SIDS deaths and 3 probable positional asphyxia. Four children in Trumbull County died from smoke inhalation from house fires.

The Board completed the previous year's recommendations, (1) include suicide prevention information into the training curriculum for newly hired teachers in Trumbull

County.(2)sponsored a billboard at the Eastwood Mall Complex promoting a “BACK TO SLEEP” message. (3) invited members from Trumbull County Service Education Center, Warren City Schools and Girard City Health Department to be members.

(4) in April during Child Abuse Prevention month the board, in conjunction with Children Services participated in an event at the Eastwood Mall “Real Men Rock”.

NEW INITIATIVES

It has been noted there has been an increase in child deaths in fires and the committee is formulating plans for addressing this issue. Currently many communities /agencies have fire prevention programs and the Board will attempt to compile a calendar of these events for mass distribution. Members of the sub-committee attended a fire chiefs meeting in October, explaining the CFR program and asked for assistance/ideas in getting a message out to the communities/public.

*Summary of Child Deaths
Occurring in 2005*

Reviewed in 2006

Total Number of Deaths to Children Under Age 18 Years in
Trumbull County - **32**

Natural Deaths to Children Older than 1 Year – **5**

Natural Deaths to Children Birth to 1 Year – **2**

Prematurity – **7**

SIDS - **2**

Probable Positional Asphyxia – **3**

Congenital Anomalies - **4**

Accidental Deaths – **4**

Fire Deaths (accidental) – **2**

(Homicide) - **2**

Homicide – **1**



Safe Sleep

- ✓ On his/her back
- ✓ In a safe crib with a firm mattress
- ✓ With a responsible adult nearby
- ✓ In a smoke-free room

Trumbull County Health Department
(330) 675-2590

**Annual Report of the Health Educator
Mel Milliron
2006**

Cardio-Vascular Health Grant

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



In following are key components of the CVH project.

- **Ultimate Goal:** Affect changes in health related policies so that positive changes are permanent.
- **Funded Projects:** Must reflect population based strategies.
- **Settings:** Projects must address worksite, school, healthcare and community settings.
- **Risk Factors:** The focus is on the modifiable risk factors including tobacco, physical activity, nutrition, blood pressure, diabetes and cholesterol.
- **Collaboration:** The project director must work in collaboration with other agencies and groups to reach statewide objectives.
- **Multi county grant:** We have teamed up with Ashtabula County on the project.
- **Great Need:** 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 target areas in Trumbull County are South Warren as well as Bloomfield and Mesopotamia townships.
- **Heart-Healthy Community Checklist:** The first year was devoted to assessing the targeted community using the Checklist. The Checklist measures services, opportunities, the environment and systems that are

available to residents who want to lead a heart-healthy lifestyle. The survey examined health care organizations, schools, the community and worksites. Risk factors addressed are lack of 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 six 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 2006**
 1. City Parks: Coalition members were instrumental in attempting to keep open Quinby Park and holding the fifth annual Juneteenth celebration.
 2. Trumbull Memorial Hospital Foundation: The health educator was an active member of the TMH Foundation "Move To Improve" program that inspired over 400 county residents to become more physically active and to improve their nutrition. The Foundation also sponsored a run/walk to raise money for breast cancer awareness.
 3. Dining With Diabetes: We co-sponsored this three part series two times with the Ohio State University Extension. The program helps diabetics learn about their disease and how to cope with it.
 4. 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. It has since expanded to the Niles Senior Center and the United Methodist Church.
 5. Food Service Training: The Health Department co-sponsored a workshop for school food service personal that dealt with coordinated school health, ala carte', nutrition standards, healthy vending choices, school breakfast and food allergies. Sixty-four school food service staff from five counties were in attendance.
 6. School Wellness Policies: The health educator is a community member of both Warren City and Bloomfield/Mespo School's wellness team and assisted both in completing the School Health Index and writing their school wellness policies.
 7. Worksite Wellness: The health educator has partnered with Kent State University nursing students to implement employee wellness programs at the county government offices and at Bloomfield/Mespo schools.
 8. A Trumbull County Parks resource guide was up-dated and printed.
 9. The Community Resource Guide was up-dated and printed.
 10. A Community Resource Guide was developed specifically developed for Bloomfield/Mespo

11. A Student with Diabetes Emergency Guide was designed and distributed. The guide will be adapted in 2007 to be used in the worksite.
12. The Health Department's web-site was up-dated.

- **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-three 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. UAW/GM Diabetes Work Group
 11. Community Concerned Citizens II-assistant secretary

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, Northeast Ohio Adoption Services, WIC, Brookfield Rotary, Brookfield Head Start, Ohio Job and Family Services, Brookfield Rotary, Trumbull Career and Technical Center.



Annual Report Of Health Educator

Gina Ross



2006

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 now serving Mahoning, Columbiana and Trumbull County has been extended and is currently funded until January 2008.

Activities for the 2006 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 thirteen 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 following Trumbull County school districts have adopted a 100% Tobacco Free Schools Policy: Bloomfield-Mespo, Hubbard and Southington. 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.

Stand youth

- ❖ The Trumbull County stand team continues to promote and educate the community on the harmful effects of tobacco and second hand smoke. In 2006 the youth held “non smoke section” t-shirt events at bowling allies and restaurants. The stand youth also held their “Pick up Butts Day” at Packard Park where they collected 8lbs of cigarette butts in just 1 hour. Stand youth have continued their efforts to recruit new members by participating in Relay for Life and the Trumbull County Fair. Also the Trumbull County stand youth promote 100% tobacco free schools in their school districts.

Environmental Tobacco Smoke and Children

- ❖ Approximately 25 public and home child care providers have been trained in the ABC’s of Second Hand Smoke program. The health educator held trainings on the “ABC’s of Secondhand Smoke” program which was created by the National Safety Council. This program consists of educational information for the staff, curriculum for the children, and take home information for parents. The curriculum for the ABC’s of Secondhand Smoke program is geared for K-2 children.

Compliance Checks

- ❖ The health educator conducted a total of one compliance check in the month of August 2006. The results from the compliance check revealed that 5 tobacco sales out of 23 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-Ohio

- ❖ The state of Ohio passed the new Ohio Smoking Ban on November 7, 2006. This law prohibits smoking in any public place or place of employment. Rules defining penalties under the law are being drafted and will be adopted by June 7, 2007. Once rules are adopted, violations may result in the imposition of a civil fine upon the proprietor or individual. The health educator will continue to support the smoking ban law by helping area restaurants and businesses through their transition. The law in its entirety may be found on the Ohio Department of Health’s website: nosmoke@odh.ohio.gov.

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 3-4 times per month at the 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

2006 was another busy year for the environmental division of the health district. This is due to the fact that many of the regulations governing the environmental programs have been amended at a state wide level. With these changes there is the need for additional resources, as well as training. Although the changes in household septic systems seem to be the only area receiving attention, there have been modifications to the following programs:

- Plumbing
- Rabies and Animal Bite Investigations
- Semi-Public Septic Systems
- Food Service and Retail Food Establishment Requirements
- Construction and Demolition Debris Requirements
- School Inspections
- Manufactured Home Park Inspections
- Park and Campground Inspections

Although many of the above mentioned programs are changes in reporting and documentation, or slight changes to the rules, others, such as school inspections and construction and demolition debris have been drastic changes to the regulations. The environmental division has been aggressive in understanding the many changes, providing input to the individual proposing these changes, and providing education of these changes to the sanitarians working in these programs, as well as offering educational information to the general public. Moreover, the health district has spent resources to develop funding sources for these programs. For example, the development of a county wide pollution prevention plan was conducted in an attempt to receive a possible funding source for homeowners to upgrade septic systems and/or connect to sewers. The program is through the Ohio EPA Division of Environmental and Financial Assistance (DEFA). If successful, these low interest loans may be available by mid 2007.

For any further information, please visit our website at www.tcbh.org, or contact a representative of the environmental division of the health district.

Thank you!

Frank Migliozi, R.S.
Director of Environmental Health

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 2006 the Trumbull County Health Department licensed 5 tattoo and body piercing establishments and 19 artists.



RABIES PREVENTION PROGRAM

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

2006 yielded 250 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 66 animals tested for rabies at the Ohio Department of Health laboratory, with 55 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 23 suitable raccoon, skunk or fox were tested for rabies. None tested positive for rabies in 2006.

There were 48 confirmed cases of bat rabies in Ohio. 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 2006 there were at least 17 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
- * Bookmarks
- * Bat Magnets
- * 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 2006. Baits were distributed via air or ground from Lake Erie to the Ohio River, in 14 Ohio counties and a portion of West Virginia and Pennsylvania. The Trumbull County Health Department assisted in this venture. Ohio had 58 animals test positive for rabies in 2006: 9 raccoons, 48 bats, and 1 opossum.

Summary

	2006	2005	2004	2003	2002
ANIMAL BITES TO HUMANS	250	201	293	304	362
HUMAN POST EXPOSURE TREATMENT	17	25	31	23	8
RABIES POSITIVE ANIMALS	0	1	0	2	0
OTHER ANIMALS TESTED	43	43	57	61	64
RACCOONS TESTED	23	56	74	34	73
ANIMALS VACCINATED AT CLINIC	N/A	N/A	N/A	1,041	932

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.

2006 - Trumbull County Health Department Activities

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



Semi-Public Sewage Treatment Systems

The 2006 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 plant 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 National Pollutant Discharge Elimination System (NPDES) permitting process is ongoing for all discharging sewage systems in the state of Ohio.

The year 2006 allowed for many water quality improvements in the county and many more are foreseen in the future.

LICENSES, PERMITS & REGISTRATIONS

	<u>2006</u>	<u>2005</u>	<u>2004</u>	<u>2003</u>	<u>2002</u>
Master Plumbers	102	107	116	92	147
Journeyman Plumbers	43	47	31	43	36
Sewage System Installers	70	68	71	43	82
Sanitary Servicemen	26	26	23	23	26
Garbage & Refuse Haulers	20	19	18	15	16
Water Haulers	3	2	2	2	2
Tattoo/Body Piercing Establishments	5	4	2	3	3
Tattoo/Body Piercing Artists	16	13	11	15	22
Body Art Expo Artists	0	38	37	36	38
Service Providers	12	14	14	10	-
Food Service Operations/Retail Food Establishments	632	637	642	647	631
Mobile Units	86	76	73	75	63
Vending Machines	156	166	167	177	174
<hr/>					
Plumbing Permits	506	504	574	509	644
Sewage System Permits	903	600	500	333	318
Preliminary Evaluations	759	678	632	204	264
Private Water Systems (Well Permits)	112	173	171	204	220
Private Water Systems (Sealing)	10	6	7	6	9
Manufactured Home Parks	33	33	33	32	33
Recreational Parks/Camps	15	15	15	16	16
Swimming Pools	43	42	38	38	37
Semi-Public Disposal Systems	734	734	809	803	829
Real Estate Sewage Insp.	395	518	444	410	-
Permit to Operate (O&M)	1,914	963	792	440	-