



2013 Annual Report

Trumbull County Health Department
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www.tcbh.org

A Message from the Health Commissioner...

No one can dispute the fact that over the past 10 years the Trumbull County General Health District has become a strong voice for the improvement of public health and sanitary standards in the county. There is no better time for the health department to build upon those hard won gains of the past 10 years than now. To that end, I offer the following as a vision for the work of the health department for the coming years.

As you know, more than a dozen years ago the Ohio EPA brought suit against Trumbull County as a means of forcing Trumbull County to address the widespread unsanitary conditions that existed in the county at that time. This lawsuit sought an 88 million dollar judgment from the county. Eventually, the county commissioners and the health department both reached separate settlement agreements with the EPA (the so-called “consents”). The commissioners developed an aggressive sewerage plan and the health department strengthened its sewage regulations.

Both the county commissioners and the health department have lived up to every letter of those agreements, and as a result the County has seen an unprecedented level of sewerage and septic system revision (both private & commercial). The proof that this has been good for the county is in the analysis of the waters of the three watersheds that border Trumbull County.

Individuals have argued that the health department has overstepped its bounds in its relentless efforts to force these changes to occur within the county. It had to be accepted here as it is everywhere else in the state that one’s individual liberties end where the health concerns of the rest of the residents of Trumbull County begin. Malfunctioning discharging septic systems can, and do contaminate our county’s waters every day. Poorly designed, poorly constructed or poorly maintained systems, as well as systems with inadequate filtration in areas with a high density of these types of system were all to common here, and posed a health risk that had to be reckoned with.

If indeed we have resolved most of the fundamental issues surrounding home sewage here in Trumbull County, our attention must turn to the more pressing issues confronting public health. As you may be aware, the Public Health Rankings consistently score Trumbull County in the bottom 25th percentile year after year. Why?

In fact, the obstacles to the improvement of the public’s health in Trumbull County are numerous and include lack of public health education, lower graduation rate, higher rates of smoking & drinking, increasing obesity, reduced access to healthcare, environmental issues, crime, violence (in & out of the home), unemployment and poverty.

It is through the health department embracing the goal of public health accreditation that we believe we can serve as a catalyst for change by helping the county address many of these obstacles. The public health accreditation process is a comprehensive way for the health department to work with its many stakeholders, both civil and public, to accurately assess our current health status & then collectively develop a county wide improvement plan with these same stakeholders. Then finally, the health department will revise its strategic plan that will guide the health department through the next 5 years.

James J. Enyeart, M.D.
Health Commissioner

2013 TRUMBULL COUNTY BOARD OF HEALTH

<u>Name</u>	<u>Address</u>	<u>Term Expires</u>
William Hagood	99 S. Outer Dr., Vienna	March 2014
*Dr. Pat DiTommaso	6265 Sodom Hutchings Rd., Liberty	March 2015
*Aron Blecher, M.D.,	5020 Greenbrier Dr., Liberty	March 2015
Dale Appis	1000 S. Park Dr., Brookfield	March 2016
Robert Biery, Jr.	1750 Braceville Robinson Rd., Southington	March 2017
John Messersmith	8293 Thompson Sharpsville Rd., Hartford	March 2018

**Dr. DiTommaso stepped down from the Board of Health, and was replaced by Dr. Blecher*

2013 TRUMBULL COUNTY DISTRICT ADVISORY COUNCIL

Fred Hanley	Chairman
Walt Emrick	Vice Chairman
Rebecca Whitman	Secretary

2013 TRUMBULL COUNTY HEALTH LICENSING COUNCIL

<u>Name & License Group Representation</u>	<u>Term Expires</u>
Robert Biery, Jr. Retail Food Establishments	Hurd's Market, Southington, Ohio March 2017
Michael Nelson Construction & Demolition Debris	Lordstown Construction Recovery Warren, Ohio March 2017
<i>Seat Vacant</i> Solid Waste Landfill	March 2017
Lisa Jones Food Service Operations	LaBrae Schools, Leavittsburg, Ohio March 2015
Robert A. Rieke Recreational Parks/Camps	Valley Lake Park, Southington, Ohio March 2015
William Hagood Manufactured Home Parks	Four Seasons Manufactured Home Park Vienna, Ohio March 2016
Dale Appis Swimming Pools	Brookfield Acres Manufactured Home Park Brookfield, Ohio March 2016

Financial

The Trumbull County Health Department is pleased to submit their 2013 Annual Report to the Trumbull County Health District Advisory Council.

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

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

The Health Department receives funding through various grants, fees, state subsidy and inside millage of .15.

The breakdown below for the Health Department's income and expenses for year 2013 is based upon figures reported to the Ohio Department of Health for the Annual Financial Report of Local Health Departments for Calendar Year 2013.

<u>2013 - Total Funds Available</u>	
\$5,242,242.97	
**2012 Carry Over Balance	\$645,269.23
Local Sources of Funds <i>(Inside Millage & Taxes)</i>	\$385,805.34
Personal Health Services <i>(Nursing, Help Me Grow & Health Promotion)</i>	\$473,938.67
Contract with County Commissioners for Tuberculosis	\$60,000.00
Environmental Health Fees	\$2,734,229.54
Locally Funded Projects	\$4,817.17
Donations <i>(Car Seat Program)</i>	\$1,027.00
Miscellaneous <i>(Jury Reimb., Health Ins. Reimb., Telephone Reimb., etc.)</i>	\$60,159.34
State Subsidy	\$105,548.90
ODH State Funded Proj./Grants	\$771,447.78
<i>**Carry Over Balance includes grant monies.</i>	

<u>2013 Expenses</u>	
\$4,482,072.81	
*Personal Health <i>(Nursing & Help Me Grow)</i>	\$1,260,389.37
*Environmental Health	\$1,371,247.36
*Fees Remitted to ODH	\$35,834.00
*Fees Remitted to OEPA	\$937,823.26
*Health Promotion	\$111,763.68
*General Administration	\$662,123.82
Laboratory	\$102,891.32
<i>*These figures include salaries and fringe benefits.</i>	

Health Department Employees as of 12/31/13

Administrative Staff	9
Health Educator	1
Sanitarians	*9
Plumbing Inspector	1
Nurses	**4
Service Coordinators (Help Me Grow Program)	9
<i>*Includes Director of Environmental Health</i>	
<i>**Includes Director of Nursing</i>	

Inside Millage Breakdown

	*2010 <u>Population</u>	TY 2013 Value <u>Estimated</u>	2013 Proposed Dollars Generated From <u>.15 Inside Millage</u>	2013 Per Capita Expenditure From <u>.15 Inside Millage</u>
Bazetta	5,874	\$142,134,300	\$ 21,320.15	\$3.63
Bloomfield	1,322	19,366,490	2,904.97	\$2.20
Braceville	2,856	48,865,110	7,329.77	\$2.57
Bristol	2,919	49,485,330	7,422.80	\$2.54
Brookfield (Incl. Yankee Lake)	8,854	125,764,710	18,864.71	\$2.13
Champion	9,612	170,569,080	25,585.36	\$2.66
Farmington (Twp. & Village)	2,728	40,700,660	6,105.10	\$2.24
Fowler	2,595	46,836,820	7,025.52	\$2.71
Greene	1,015	16,518,130	2,477.72	\$2.44
Gustavus	829	17,238,980	2,585.85	\$3.12
Hartford	2,070	39,467,810	5,920.17	\$2.86
Howland	19,106	400,533,920	60,080.09	\$3.14
Hubbard	5,654	94,647,600	14,197.14	\$2.51
Johnston	1,952	33,921,600	5,088.24	\$2.61
Kinsman	1,876	31,850,890	4,777.63	\$2.55
Liberty	12,024	213,029,620	31,954.44	\$2.66
Mecca	2,674	43,320,610	6,498.09	\$2.43
Mesopotamia	3,387	38,193,510	5,729.03	\$1.69
Newton Falls (Twp. & City)	8,875	186,056,280	27,908.44	\$3.14
Southington	3,717	64,474,280	9,671.14	\$2.60
Vernon	1,536	24,223,030	3,633.45	\$2.37
Vienna	3,997	87,693,970	13,154.10	\$3.29
Warren	5,551	70,544,350	10,581.65	\$1.91
Weathersfield	6,642	139,408,810	20,911.32	\$3.15
TOTAL TOWNSHIPS	117,665	\$ 2,144,845,890	\$ 321,726.88	\$2.73
Lordstown	3,417	\$ 98,298,650	\$ 14,744.80	\$4.32
McDonald	3,263	44,299,920	6,644.99	\$2.04
Orangeville	197	2,481,490	372.22	\$1.89
TOTAL VILLAGES	6,877	\$ 145,080,060	\$ 21,762.01	\$3.16
Cortland	7,104	\$ 133,106,460	19,965.97	\$2.81
Hubbard	9,958	\$ 107,105,770	16,065.87	\$1.61
TOTAL CITIES	17,062	\$ 240,212,230	\$ 36,031.83	\$2.11
TOTAL ALL SUBDIVISIONS	141,604	\$ 2,530,138,180	\$ 379,520.73	\$2.68

** Population Numbers Taken from the 2013 Directory of Trumbull County Officials - Prepared by the Trumbull County Planning Commission*

Estimated Value & Inside Millage Figures Obtained from the Trumbull County Auditor's Office.

Total Dollars Actually Received in Inside Millage for 2012 - \$310,917.57

NURSING DIVISION

Sandy Swann R.N., B.S.N., Director of Nursing & Epidemiologist

A MESSAGE FROM THE DIRECTOR

The nursing division is made up of a diverse group of dedicated staff that include nurses, medical assistants, family service coordinators and clerical. In 2013, this division was confronted with many changes and challenges. Among the changes was the retirement of our Nursing Director, Debbie Mokosh, R.N. Debbie provided many years of dedicated service to the Trumbull County Health Department, with her last few years fulfilling the role of Nursing Director. We wish her well in her future endeavors. Among the challenges were changes in some of our programs due to funding changes and the future of accreditation. Despite these hurdles, this staff continues to support our mission in providing services to improve the health, safety and well being of the public. I commend their dedication and professionalism. As we look forward to the future, I also look forward to working with this accomplished staff.

NURSING DIVISION STAFF

Deborah Mokosh, R.N., Director of Nursing (Retired Nov. 2013)

Rita Spahlinger, R.N., Public Health Nurse

Randee Shoenberger, R.N., Public Health Nurse

Kathy Parrilla, R.N., Public Health Nurse

Jan Chickering, M.A., Medical Assistant/Secretary

Beverly Cope M.A., Medical Assistant/Secretary

Kenya Franklin, B.A., Family Service Program Coordinator

Nichole Redmond, BTAS, Family Service Coordinator

Kristyn Bugnone, M.S., Family Service Coordinator

Catherine Lavernuick, L.S.W., Family Service Coordinator

Elizabeth Shelar, B.S., Family Service Coordinator

Jen Francis, B.A., Family Service Coordinator

Jen Jornigan, B.S., Family Service Coordinator

Tara Lucente, L.S.W., Family Service Coordinator

Andrea Neuman-Taddei, B.A., Service Coordinator

Nursing Services Offered:

***Trumbull County
TB Program***

***Public Health
Emergency Preparedness***

***Child & Family Health
Services***

Immunizations

***Bureau for Children with
Medical Handicaps***

***Home Visiting/Parent Support
Programs***

Car Seats

***Vision & Hearing
Screening***

***Communicable Disease
Investigation***

Rabies Surveillance/ORV

Animal Bite Investigation

Newborn Screenings

***Trumbull County Child
Fatality Review Board***

Public Education

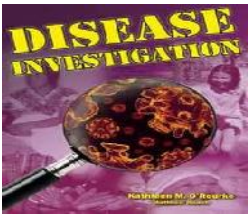
2013 NURSING DIVISION AT A GLANCE



- ◆ 88 Immunization Clinics.
- ◆ 4040 vaccines were give to children.
- ◆ 621 vaccines were given to adults.



- ◆ 112 pregnancy tests completed– 69 positive
- ◆ Multiple referrals made on behalf of clients to medical home, WIC, Department of Job & Family Services (DJFS), Help Me Grow (HMG) services.



- ◆ 839 disease cases investigated and followed up.
- ◆ 1,983 hours devoted by clinic staff for disease surveillance and investigation
- ◆ 195 animal bite reports investigated and followed up.



- ◆ 451-TB skin tests completed by Trumbull County Health Department (TCHD).
- ◆ 49 client visits to the TB medical clinic.



- ◆ The health department held 30 car seat classes for the Trumbull County community's children.
- ◆ 106 car seats were provided for children of 81 families.



- ◆ 79 applications to the “Sight for Children” program for 48 families.
- ◆ 67 were approved for an eye exam and 38 children received glasses.



- ◆ 2,552 Home visits were completed in all 4 home visiting programs.
- ◆ 454 families in Trumbull County received home visiting services.



- ◆ 27 area agencies come together to plan for emergencies in Trumbull County.
- ◆ 2,801 hours of TCHD staff time was devoted to Emergency Health Preparedness for the community.



- ◆ 2,251 + hours—Nursing Division staff devoted to public education and collaboration with other agencies.
- ◆ 561 + hours - committed to planning of programs.

IMMUNIZATION PROGRAM

Children's Immunization Clinic

Immunizations are an important means of preventing diseases. Because of immunizations, we don't see certain diseases anymore in the United States. The primary objective of this program is to provide immunization services to children and adults who would otherwise have no where else to go. In 2013, Trumbull County Health Department held 88 immunization clinics that serviced 1483 children and 381 adults. We administered 4040 children vaccines and 621 adult vaccines.

Immunization Action Plan Grant (IAP)

The IAP grant provides funding dedicated to raising and maintaining immunization rates in Ohio so that 90% of children will be up-to-date on immunizations by age two. This goal is accomplished through immunization assessments and education activities and through reminder and recall efforts. Trumbull County Health Department applied for and received this grant award in 2013. Rita Spahlinger and Beverly Cope conducted the activities for this grant.

2013 Immunization Staff

Rita Spahlinger, R.N.

Kathy Parrilla, R.N.

Randee Shoenberger, R.N.

Beverly Cope, M.A., Secretary

Jan Chickering, M.A., Secretary



Child and Family Health Services (CFHS)

Child and Family Health Services (CFHS) Grant

The main purpose of the CFHS grant funding is to provide a network of community agency collaboration to identify the health needs, service gaps and barriers to care for families and children, and plan community public health and clinical services to meet those needs. The components of this program are: Community Health Assessment and Planning; Child and Adolescent Health; Perinatal Health; and Ohio Infant Mortality Reduction Initiative. The Nursing Division applied for and received grant funding for this program in 2013.

The activities conducted in the Nursing Division as part of this grant are: Child Fatality Review Board; Adolescent Immunizations; Formation of consortiums with Trumbull County agencies who work with families; Pregnancy testing, education, and referrals; Childhood obesity prevention education; Smoking cessation; Vision referrals; Lead screening and follow up; Child passenger seat education, and Community Health Assessments and Program Survey/Evaluations. The following pages provide information about some of these programs.

Staff involved in the CFHS activities are: Rita Spahlinger R.N., Randee Shoenberger R.N., Kathy Parrilla R.N., Jan Chickering M.A., and Beverly Cope M.A.

PREGNANCY SCREENING AND EDUCATION

Screenings Provided by: All Nurses and Medical Assistants

Trumbull County Health Department is a site that provides screening for pregnancy. We use urine pregnancy tests. No one is denied service. All women who are screened are given folic acid information and education about healthy pregnancy habits such as keeping physician appointments, taking vitamins, eating a healthy diet, and not smoking. Women who have a positive test are given referral information, assistance for application to Healthy Start (Combined Programs Application), Help Me Grow, and WIC. **In 2013 the health department provided 112 pregnancy tests. Of these, 69 were positive and 43 were negative.**



Clients were assisted with 35 CPA's (Combined Program Applications).

PRESCHOOL CHILDHOOD OBESITY PREVENTION PROGRAM

Classes Provided by: Jan Chickering, M.A.

The goal of this program is to introduce young children to the idea that eating healthy can taste good and doing physical activity can be fun. Staff provides sessions at area daycares/preschools. Each session focuses on something different such as: Go/Slow Foods, Fruit/Veggie Game and Snack, Fitness Fun, Fat Presentation, Happy Heart, Sugar Presentation. Information about each session is sent home with the children so parents can follow through at home. **Staff provided sessions for 2 classes at 1 school for 5 weeks in 2013.**

CAR SEAT PROGRAM

Classes Provided by: Rita Spahlinger, R.N., Cathy Lavernick, L.S.W., Jen Francis, B.A., and Andrea Neuman-Taddei, B.A.

This program provides education about current laws regarding child passenger seats, proper car seat installation and use, as well as car seats for those in need. Car seats are primarily distributed through the Trumbull County



Health Department to parents/grandparents while attending an instructional class in proper use. Classes are held at the Health Department and St. Joes at the Eastwood Mall, with funding in part from St. Joseph's Health Center, and the Ohio Department of Health's Ohio Buckle Buckeyes Program. These classes are staffed by public health nurses and Help Me Grow service coordinators who have gone to additional training and are nationally certified car seat technicians. Our program coordinator, Rita Spahlinger R.N., has gone one step further and is a car seat technician instructor. **In 2013, 106 car and booster seats were provided to 81 families at 30 classes held at**

the health department or St. Joe's Health Center classroom at the Eastwood Mall.

BUREAU FOR CHILDREN WITH MEDICAL HANDICAPS

Program Provided by: Randee Shoenberger, R.N., Rita Spahlinger, R.N., Kathy Parrilla, R.N., and Jan Chickering, M.A.

The mission of the Bureau for Children with Medical Handicaps (BCMh) is to assist families of children with special health care needs. BCMh is a state-administered program within the Ohio Department of Health. The Bureau promotes early identification of children with handicapping conditions and treatment of these children by appropriate providers. Public Health Nurses assist clients in obtaining optimum available services. **There are 286 active BCMh clients in Trumbull County.**

SIGHT FOR STUDENTS PROGRAM

Program Provided by: Jan Chickering, M.A.

The Trumbull County Health Department contracts with Ohio's Prevent Blindness Program to assist families in Trumbull County with application for financial assistance for vision exams and glasses. This program is for school age children of families who earn up to 200% poverty level and have no vision insurance. The program provides an eye exam and glasses for students who are in school up to age 18. Students who are identified by us in need of this service are mailed an application to complete. The application is reviewed and forwarded by us to Prevent Blindness Ohio. Once approved, the family is mailed vouchers for both an eye exam and glasses with a list of participating providers.



In 2012 we processed **79** applications for this program, which assisted **48** families. **67** applicants were approved to receive an eye exam and **38** children received glasses.

COMMUNITY BASED LEAD SCREENINGS FOR CHILDREN

Program Provided by: Rita Spahlinger, R.N.

The major component of this program is education. We partner with TCAP and private offices to provide lead testing. We partner with the Ohio Department of Health to provide follow up and case management of children with elevated lead levels. Case management involves assessment of the families exposure to lead and education about prevention and elimination. In 2013, **20** children in Trumbull County were tested with no toxic levels detected.

SMOKING CESSATION / OHIO SMOKEFREE WORKPLACE LAW

Program Provided by: Jan Chickering, M.A.



The Nursing Division collaborates in many ways to reduce and eliminate smoking. All of our pregnancy screening clients are assessed for smoking and given information and referrals to reduce and quit smoking. We promote smoking cessation through our home visits, bulletin boards and literature. In 2013 we invited the Humility of Mary Health Partners (HMHP) Tobacco Treatment Center to provide us with the most up to date literature and referral information. We also follow up on smoking complaints of businesses to assure a smoke free environment. **In 2013, we provided smoking cessation information to 112 pregnancy screenings, 454 families during home visits, and followed up on 35 smoking complaints at area businesses.**

information to 112 pregnancy screenings, 454 families during home visits, and followed up on 35 smoking complaints at area businesses.

COMMUNITY ASSESSMENT

In order to better provide programs in Trumbull County, we do ongoing assessment of the community needs and resources. In August of 2010 Trumbull, Mahoning and Columbiana counties assembled The Tri-County Community Health Assessment and Planning (CHA/P) initiative. Their final report was completed June 2010. On October 30, 2013, Trumbull County Health Department held a "strategic retreat" to re-evaluate this assessment. The retreat was attended by community stakeholders and agencies who share an interest in the health of our community. It was determined that the needs of Trumbull County have changed since the 2010 assessment and new goals and priorities were developed from this group. Since the retreat, Trumbull County General Public Health District has drafted a 2014 Community Health Assessment. Once this plan has been reviewed by all the stakeholders, it will be posted on our web site at www.tcbh.org

In addition the Nursing Division conducts surveys to evaluate our programs. **In 2013, we conducted two immunization surveys, two home visiting surveys and a survey of the public health system.** Results from these surveys are used to make changes in our programs. The results of these surveys can also be found on our website.

TRUMBULL COUNTY CHILD FATALITY REVIEW BOARD 2013 ANNUAL REPORT

Submitted by: Rande Shoenberger R.N.

The Trumbull County Child Fatality Review Board reviews deaths that occurred in the previous year to children 0 to 18 years of age. During the year of 2012, twenty nine deaths occurred to children in Trumbull County. These deaths were reviewed by a 3 member sub-committee before presenting the cases to the full board. The full board met on a quarterly basis in 2013.

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

The breakdown of deaths for 2012:

10 Premature
10 Congenital
1 Suicide
2 SIDS
2 Homicide
2 Smoke Inhalation
1 Overdose
1 Probable positional asphyxia

In collaboration with the Safe Kids Coalition and the Ohio Children's Trust Fund the "Safe Sleep Campaign" continued this year in Trumbull County. A crib was placed throughout Trumbull County on a rotation basis, where we felt would have the greatest impact on families with newborns and young infants. The Trumbull County Health Department displayed the crib and how a "safe sleep" environment should look, free from loose bedding, stuffed animals, pillows and bumper pads. A "Safe Sleep" bulletin board was placed above the crib with the new ODH policies on Safe Sleep and Infant Feeding. Flyers were made available for the public to take home. This display received a lot of attention since it was in a high traffic area within our immunization clinics.

In addition we had handheld fans designed which displayed the same picture of the "Safe Sleep" crib. These fans were distributed during the Trumbull County Fair as well as churches within neighborhoods which showed high numbers of African American babies being born. Because of the statistics showing nearly twice the number of black babies compared to white babies, we wanted to focus on these families.

Through much dedication of time and effort of this committee, especially the Trumbull County Coroner's office, a newly formed task force in our county was established, "Trumbull County Task Force on Severe Child Injury/Death Scene Investigation". There will be dedicated individuals from various agencies who will respond in the event of a child's death or severe injury. With this type of investigation, we can gain more insight on ways to educate our community and find ways to prevent deaths and injuries from taking place.

CFR Board 2013 Meetings & Activities

Child Abuse and Neglect-"Recognition and Reporting"
presented by Trumbull County Children Services

Ohio Child Fatality Review Conference
"Toward a Brighter Future for Ohio's Children"

Training on new Reporting System for Child Death Reviews in Ohio:

"National Center for the Review and Prevention of Child Deaths"

Strategic Planning Retreat for Trumbull County

ODH's "Infant Feeding and Safe Sleep Policies" Training

Safe Kids Coalition Committee

Resource Health Fair

Tri-County Breastfeeding Connection

CFHS Consortium Committee

March of Dimes "Saving Ohio Babies: Preventing Premature Birth and Other Causes of Our Infant Mortality Crisis"

Trumbull County Child Fatality Review Board Members

Dr. James Enyeart - Board Chair

Trumbull County Health Commissioner

James Dobson

Girard City Health Commissioner

Diane Barber

Assistant Prosecutor to Child Assault Prosecutor Team

Tim Shaftner

Trumbull County Children Services Board

Darleen Shope

Trumbull County Children Services Board

April Caraway

Director of Trumbull County Mental Health & Recovery Board

Robert Pinti

Warren City Deputy Health Commissioner

Dr. Germaniuk

Trumbull County Coroner

Shelley Mazanetz

Chief Forensic Investigator

Dr. Firster

Trumbull County Deputy's Office

Sandy Swann RN BSN

Trumbull County Health Department

Rande Shoenberger RN

Trumbull County Health Department

HOME VISITING PROGRAMS FOR CHILDREN AND THEIR FAMILIES

Each of the following home visiting programs have their own criteria for enrollment. To meet the needs of the families in our community, Trumbull County Health Department offers the following four programs.

Kenya Franklin, B.A. is the Family Service Program Coordinator for all four program.

HELP ME GROW (HMG)

Program Provided by: Nichole Redmond B.T.A.S., Kristyn Bugnone M.S., Jennifer Francis B.A., Jennifer Jornigan B.S., Catherine Lavernuick L.S.W., Andrea Neuman-Taddei B.A., and Elizabeth Shelar, B.A.

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

1249 home visits were completed for HMG HV program in 2013.



HELP ME GROW—PART C/EARLY INTERVENTION PROGRAM

Program Provided by: Kristyn Bugnone M.S., Jennifer Jornigan B.S., Catherine Lavernuick L.S.W., and Elizabeth Shelar B.S.

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

717 home visits were completed for the Part C program in 2013.

MATERNAL, INFANT, EARLY CHILDHOOD HOME VISITING (MIECHV) PROGRAM

Program Provided by: Tara Lucente L.S.W., Nichole Redmond BTAS, and Andrea Neuman-Taddei, B.A.

MIECHV is intended to strengthen and improve the programs and activities carried out under Title V, Maternal and Child Health system, to improve coordination of services for vulnerable communities and to identify and provide comprehensive services to improve outcomes for Ohio's most vulnerable families.

Healthy Families America (HFA) is an evidence-based home visiting model, utilized for the MIECHV program. HFA is a national initiative to help parents of newborns get their children off to a healthy start. In 2012 the Trumbull County Health Department MIECHV program was affiliated with HFA and will be accredited within a required 3 year period. (2011-2014). **In 2013 the program served 43 families and 498 home visits were completed.**

OHIO CHILDREN'S TRUST FUND PROGRAM (OCTF)

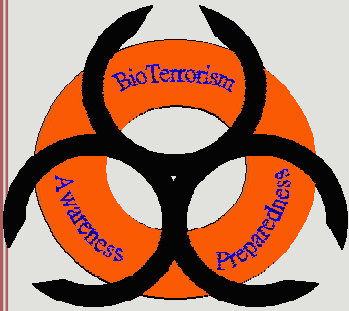
Program Provided by: Jennifer Francis B.A., Jennifer Jornigan B.S., and Catherine Lavernuick L.S.W.

The Trumbull County Health Department OCTF program is a parent education, child development program utilizing the evidenced-based Growing Great Kids curriculum. The program provides parents with health and child development information, health and developmental screenings, home visits, opportunities to network with other families and referrals to community agencies. The goal of the program is to give parents the information and support they need for their child and provide ongoing support for families to understand and maximize this period of development to age 5 in order to prepare them for success in school. Services are provided to women who are pregnant and caregivers of children birth to 3 years of age. **In 2013, this program served 12 families and 88 home visits were completed.**



PUBLIC HEALTH EMERGENCY PREPAREDNESS (PHEP)

Staff involved in PHEP activities are: Randee Shoenberger R.N., Rita Spahlinger R.N., Kathy Parrilla R.N., Beverly Cope M.A., Jan Chickering M.A., and Frank Migliozi R.S.



A public health emergency is any event or situation demanding immediate action on the part of the public health system in order to prevent disease and injury or maintain public health within the community of service. Public health emergencies can be natural or man-made. The PHEP grant provides funding to develop and maintain public health preparedness capable of addressing and responding to these events. The Nursing Division of the Trumbull County Health Department applied for and received this grant in 2013.

Many of the activities supported by this grant involve collaboration with agencies who work with emergencies on a daily basis. This collaboration provides a network of information and resources that might be called upon during a public health emergency. Activities related to this grant include disease surveillance and investigation of reportable diseases and outbreaks; emergency planning and exercising; trainings to prepare for public health emergencies; communication drills; public information sharing; medical counter measures; mass care; responder safety; and volunteer management. Thankfully there were no real public health emergencies in 2013.

In 2013 we attended 8 Local Emergency Planning Committee (LEPC) meetings; 10 Weapons of Mass Destruction meetings; 5 Local Epidemiology meetings; 4 Ohio Department of Health (ODH) Epidemiology meetings; 2 Regional Epidemiology meetings; 4 North East Central Ohio (NECO) Emergency Preparedness meetings; 6 NECO Radiological meetings; 8 Exercise planning meetings; and 5 Trumbull County Health Preparedness meetings.

In 2013 we participated in 8 Ohio Public Health Communication System (OPHS) drills; 12 ODH MARCS radio drills; 2 ODH after hours phone drills; 1 RAND after hours phone drill; 4 Strategic National Stockpile (SNS) activation drills; 1 Epidemiology functional exercise; and 1 LEPC full scale exercise.

In addition, we attended many trainings, workshops and seminars. Our plans which include the Emergency Response Plan (ERP) Plan; Strategic National Stockpile (SNS) Plan; Continuity of Operations (COOP) Plan; Chemical, Biological, Radiological, Nuclear & Explosive (CBRNE) Plan; Communication Plan; and Epidemiology Plan are updated yearly by the staff. These plans can be found on our website at www.tcbh.org



Trumbull County TB Control Program

2013 Annual Report

Trumbull County Health Department became responsible for the Trumbull County TB Control Program in November of 2011. The TB clinic is headed by the Trumbull County Health Commissioner, James Enyeart, M.D. and Anthony Cutrona, M.D., Infectious Disease Specialist.

Tuberculosis (TB) is an airborne disease caused by the bacterium *Mycobacterium tuberculosis*. It is spread through the air when someone who is infected coughs or sneezes. TB can manifest in one of two ways. A person can have a TB *infection*, also called latent TB (LTBI). Persons with latent TB have *Mycobacterium tuberculosis* in their bodies, but do not have TB *disease* and cannot spread the infection to other people. Persons who have TB *disease*, also known as active TB, are usually infectious and may spread the bacteria to other people.

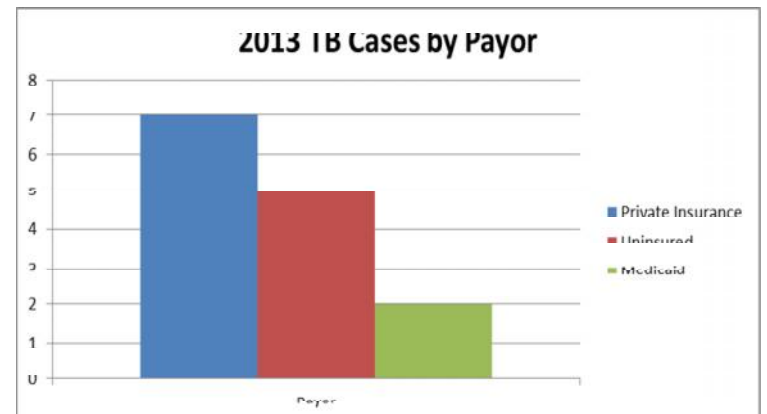
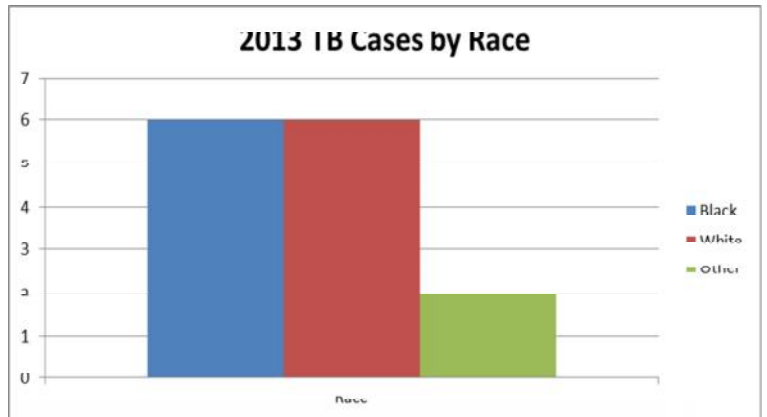
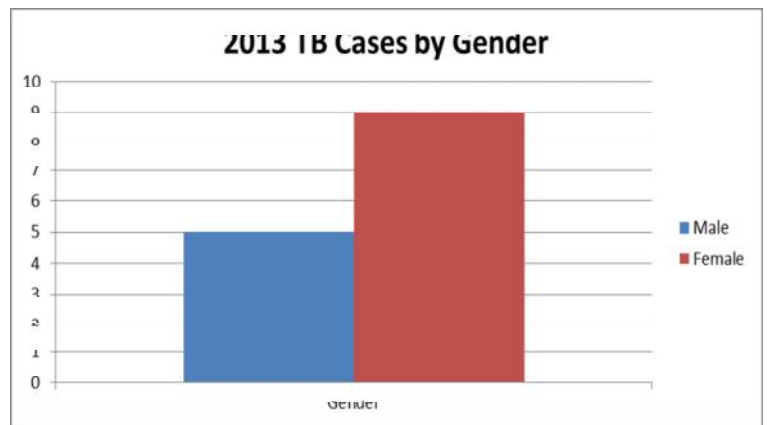
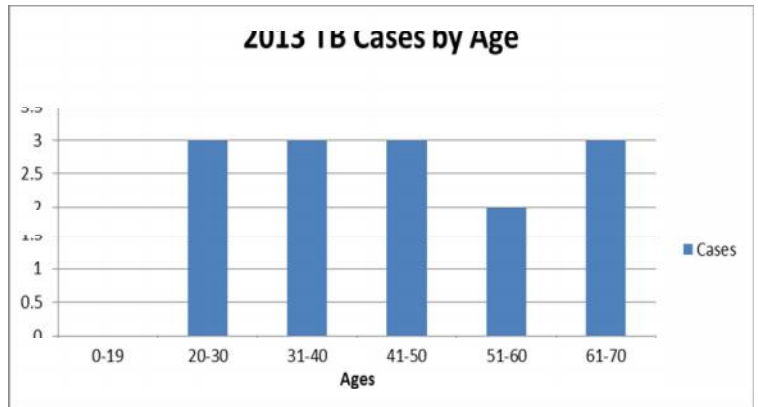
The program's goal is to prevent, control and eliminate tuberculosis. To accomplish this, the Trumbull County Health Department provides: 1) TB testing-identification of clients with possible TB and move them toward evaluation and effective treatment; 2) Medical treatment for active and latent TB; 3) TB surveillance and reporting of active cases; 4) Consultation to medical community; and 5) Community outreach and public education.

Trumbull County has been a "low risk" county for active TB. Low risk counties have fewer than six active cases per year. During the year 2013, there were no active cases of TB reported and our clinic followed up on 12 new latent TB clients, and a two from the previous year for a total of 14 latent TB clients.

During the year 2013 there was a national shortage of INH medication for treatment of latent TB as well as a shortage of Tubersol derivative used for skin testing. This posed a unique challenge for all TB Control Programs throughout the nation which resulted in placing restrictions of TB skin testing for high risk populations only. Furthermore patients had to be placed on alternative medicine regimes until the products were, once again, available.

The Trumbull County Health Department also provides TB Mantoux skin testing as part of the TB program. The testing identifies people who may have been exposed to Tuberculosis. This testing is done during our regular adult immunizations clinics by appointment. During the year 2013, 365 "one step" Mantoux and 85 "two step" mantoux skin test were completed by our nursing staff.

Program provided by: Randee Shoenberger R.N., Kathy Parrilla R.N., Rita Spahlinger R.N., Jan Chickering M.A., and Beverly Cope M.A.





2013 EPIDEMIOLOGY REPORT

2013 Reportable Communicable Diseases

There were **1931** Communicable Disease Cases reported to health departments in Trumbull County for year 2013. Of these cases, **1478** were classified as **confirmed** cases, **51** were classified as **probable** cases, **280** were classified as **suspect** cases and **122** were classified as “**not a case.**” These cases were investigated by the nurses at the four health departments in Trumbull county. The distribution of these cases are as follows: Trumbull County General Health District-**839** cases; Girard City Health Department-**82** cases; Niles City Health Department-**171** cases; and Warren City Health Department-**839** cases.

Please note that we included “probable and confirmed” cases in our annual numbers of reported disease this year as opposed to the previous years where we only counted confirmed cases. These cases are listed on the following page.

Influenza Surveillance

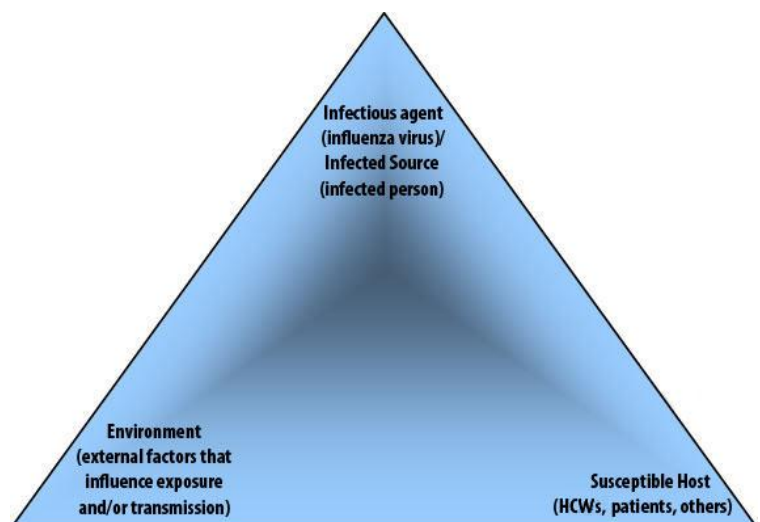
During 2013, **7171** Influenza Surveillance cases were reported to Trumbull County Health Department by schools, nursing homes, hospitals, labs and the city health departments as compared to **5712** cases reported in 2012 indicating that we have better surveillance. Of these cases, **7103** cases were reported as “**Influenza-like illnesses**”* and **68** cases were lab confirmed influenza.

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

The three highest communicable diseases reported in Trumbull County during 2013 were :

- Chlamydia cases - 833**
- Gonorrhea cases – 258**
- Hepatitis C cases - 167**

Did you know that these diseases are preventable? For more information check our website at www.tcbh.org Click on the tab to “Communicable diseases”, there you will find fact sheets on each reportable disease.



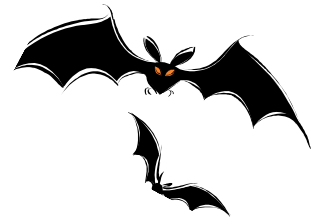
Epidemiologist - Randee Shoenberger R.N.

Communicable Disease Staff - Kathy Parrilla R.N., Rita Spahlinger R.N., Jan Chickering M.A., and Beverly Cope M.A.

Reportable Condition	#of Confirmed and Probable Cases for 2013	# of Confirmed Cases for 2012	# of Confirmed Cases for 2011	# of Confirmed Cases for 2010	# of Confirmed Cases for 2009
Campylobacteriosis	11	15	10	24	20
Chlamydia infecon	833	856	782	772	680
Coccidioidomycosis	0	0	1	0	0
Cryptosporidiosis	17	0	5	25	25
E. coli - enterohemorrhagic (shiga toxin producing) - Not O157:H7	4	0	1	2	1
E. coli - enterohemorrhagic (shiga toxin producing) - O157:H7	0	1	0	0	0
Encephalitis - primary	0	0	0	0	0
Ehrlichiosis / Anaplasmosis	0	1	0	0	0
Giardiasis	6	15	10	5	7
Gonococcal infecon	258	178	244	239	192
Haemophilus influenzae (invasive disease)	4	3	4	3	2
Hemolytic uremic syndrome	1	0	0	0	0
Hepatitis A	3	0	0	0	0
Hepatitis B - perinatal	0	1	1	No data	No data
Hepatitis B (infectious disease) - acute	17	10	2	1	5
Hepatitis B (infectious disease) - chronic	20	4	2	5	2
Hepatitis C - acute	1	3	0	0	1
Hepatitis C - chronic	167	79	74	80	94
Influenza A - novel virus	0	0	0	0	3
Influenza-associated hospitalization	82	20	24	6	30
LaCrosse virus disease (other California serogroup virus disease)	0	0	1	1	0
Legionellosis - Legionnaires' Disease	7	5	7	4	0
Listeriosis	0	0	1	1	0
Lyme Disease	2	0	0	0	0
Meningitis - aseptic/viral	6	3	27	10	7
Meningitis - bacterial (Not N. meningitidis)	2	2	8	1	1
Meningococcal disease - Neisseria meningitidis	1	0	1	0	0
Mycobacterial disease - other than tuberculosis	21	20	14	22	7
Pertussis	6	11	18	12	28
Salmonellosis	12	18	15	20	19
Shigella	6	0	0	0	19
Staphylococcal aureus - intermediate resistance to vancomycin (VISA)	0	0	0	1	0
Streptococcal - Group A -invasive	0	9	2	4	4
Streptococcal - Group B -Newborn	2	2	2	0	1
Streptococcus pneumoniae - invasive antibiotic resistance unknown or non-resistant	15	16	19	24	21
Streptococcus pneumoniae - invasive antibiotic resistant/intermediate	7	11	7	5	16
Tuberculosis	0	1	1	1	0
Varicella	18	0	2	4	17
West Nile Virus	1	0	0	0	0
Yersiniosis	1	0	0	1	0



RABIES PROGRAM



Submitted by: Randee Shoenberger R.N., and Beverly Cope M.A.

In 2013 we processed 195 animal exposure events. Of these, there were 136 dog exposures; 38 cat exposures; 9 raccoon exposures; 6 bat exposures; 4 rabbit/rodent; 1 skunk; and 1 other wild. (See the Pie Chart)

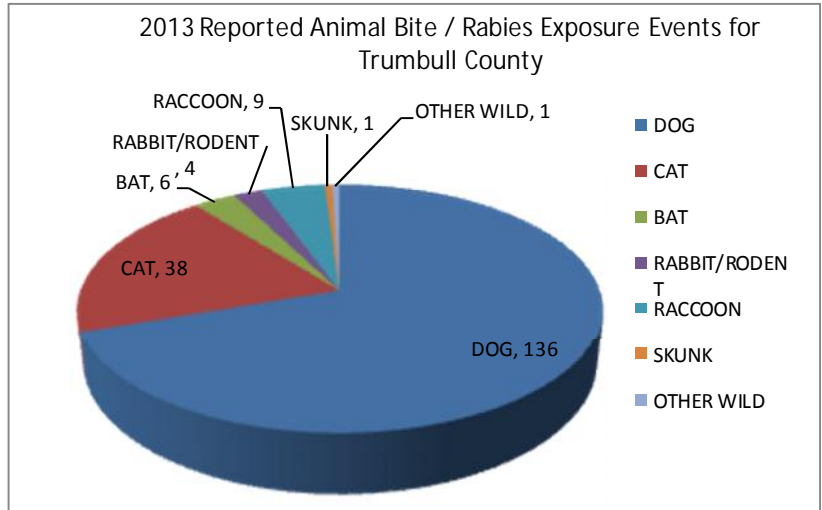
Trumbull County Health Department submits animals for rabies testing when there is human and/or animal contact. In 2013 there were 3 cats that tested positive for raccoon strain rabies. The cats were feral and exposed other animals, causing them to be quarantined since most were not up to date with their rabies vaccine.

USDA Wildlife is also a resource for submitting raccoons and skunks for rabies testing. They will only do the testing if there has not been any human or animal contact with these wild animals. Trumbull County Health Department helps to coordinate this process.

Every fall we participate with the ground Oral Rabies Vaccine (ORV) baiting which is a joint effort between the ODH and USDA Wildlife to control and maintain a barrier to prevent rabies from spreading westward. **The Table to the right provides the numbers and location of distribution for the ORV baits for fall of 2013 as compared to 2012.** The number of ground baits distributed in 2013 is about 40 % less than what was distributed in 2012. **Note that more baits were distributed in 2013 by fixed wing (air drop).**

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

- * **1) Keep your dogs, cats and ferrets vaccinated for rabies, it's the law!**
- * **2) Avoid contact with all wild animals and do not harbor wild animals. They can carry rabies and possibly other diseases.**
- * **3) Do not approach or pet stray or unfamiliar domestic animals such as dogs and cats. Often times they will strike out by biting or scratching and possibly exposing you to rabies or other infections.**



Oral Rabies Vaccine (ORV) Ground Baiting in Trumbull County		
AREA	# BAITS 2013	# BAITS 2012
Cortland City	259	630
McDonald	0	225
Newton Falls	303	405
Hubbard	389	540
Trumbull County General Health District	951	1800
Warren 1	715	1035
Warren 2	875	1125
Warren City Health District	1590	2160
<u>Total</u>		
Niles City	612	1125
Niles City Health District	612	1125
Girard City	396	855
Girard City Health District	396	855
Total for all Health Districts	3549	5940



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



2013 Annual Report of the Health Educator

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

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

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

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

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

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

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

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

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

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

Creating Healthy Communities Projects 2013

Schools

- **Food Service Conference-** The Health Department sponsored a workshop for school food services staff that addressed the new Breakfast Meal Patterns, Salad Bars, Smarter Lunchroom, Purchasing Local Foods and a chef did a Cooking Demonstration. There were 67 in attendance, from 6 Ohio counties plus Pennsylvania, 26 school districts and 12 agencies.
- **Physical Education Teacher Training-**A workshop was held to train teachers on the new state mandated testing guidelines. There were 17 teachers from 9 school districts and 2 counties in attendance.
- **Action for Healthy Kids-**We applied for additional grant funds to make \$2,000 in mini-grants available to schools for nutrition and physical activity interventions.
- **Farm to School-**This training program was an entry level workshop for schools and institutions that may be interested in working with local farmers to buy locally grown produce. There were 31 people from 12 school districts in attendance.
- **School to Farm Road Trip-** We took schools on a bus trip to produce suppliers to show how to buy produce, meat and cheese directly. There were 39 people from 8 schools in attendance.
- **Tobacco Free Schools-**School tobacco policies were examined and then 50 school principals were in-serviced on the new House Bill that will require all schools to become tobacco free.

Community

- **Leavittsburg Trail-**We are working with Warren Township to build a ½ mile paved trail at Johnson Community Center in Leavittsburg.
- **Community Garden Project-**We partnered Trumbull Neighborhood Partnership to build a handicap accessible garden at Tod's Crossing elderly housing facility. 20 residents used the garden, producing over \$3,300.00 worth of fresh vegetables. In addition we partnered with Community Concerned Citizens to expand the kinds of produce grown in the Warren Victory Garden.
- **Bike to Work Warren:** This one day event was held to encourage people to bike to work. 65 people participated. There were 9 townships and 26 companies/agencies represented.
- **Bolindale Food Pantry-**The food pantry was established at Bolindale Christian Church. Over one hundred needy families are served. This year we aided them in purchasing equipment and educational supplies.

Worksite

- **Work Site Wellness Assistance-** 4 worksites were actively assisted in developing or expanding their work-site wellness programs.

Presentations and Lectures

Presentations were made throughout the year on physical activity, nutrition, tobacco use, coordinated school health, healthy communities & healthy schools. Presentation sites and audiences included, but were not limited to, Kent State University Trumbull Campus, WIC, Ohio Health Educator Institute, Ohio Parks and Recreation Association, Lake County Childhood Obesity Conference, Brookfield Rotary, Warren KIWANIS, Newton Falls TOPS Fair Haven & the Ohio Department of Health.

Other Coalition Involvement

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

- **Trumbull County Healthy Community Coalition-Coordinator**
- **Action For Healthy Kids Zone Four-Coordinator**
- **The Ohio State University Extension Advisory Board**
- **UAW/GM Diabetes Work Group**
- **Community Concerned Citizens II-Secretary**
- **American Heart Association Board**
- **American Cancer Society Board**
- **Colorectal Cancer Coalition**

*A Message from
Frank Migliozi, R.S.
Director of Environmental Health*

Public Health Accreditation Is Coming To Trumbull County...

On June 25, 2013, the Ohio General Assembly promulgated into law House Bill 59. One of the provisions in this bill requires all health departments in the state of Ohio to become nationally accredited by July 1, 2020. All health districts must be prepared to apply for accreditation by July 1, 2018, and an evaluation by the state director of health will occur on July 1, 2016. In addition, this law requires the State Department of Health to establish local health department standards for all boards of health to meet. Still, another provision requires all board of health members to complete two hours of continuing education units.

As a result, the Trumbull County General Health District has decided to complete the process of accreditation in conjunction with the Warren city, Niles city, and Girard city health departments. Thus, we will be making a joint application to the Public Health Accreditation Board (PHAB). As our health districts collaborate on a regular basis to provide the many health services required and needed in our County, we concluded that a joint application is necessary.

There are many prerequisites required to achieve accreditation, which include: the development of a community health assessment, a community health improvement plan, and a health department strategic plan. Once these are completed an application can be made to the national accreditation board. Other steps include a self-study process, engagement of the local governmental entity, and quality improvement. Much documentation will be required to be obtained on a regular basis and the results reported to the accreditation Board. This will require a position known as an accreditation coordinator be in place to obtain the information and report it to PHAB. Although health departments are required to become accredited, the process involves an entire assessment of the countywide public health system.

On October 30, 2013, a retreat was conducted that involved multiple stakeholders identified as key health partners in Trumbull County. The purpose was to conduct a SWOT analysis to determine the countywide strengths weaknesses opportunities and threats of delivering an optimal level of health services to the residents of Trumbull County. This process helps stakeholders identify gaps & overlaps in services so that they can be addressed to improve health outcomes in our County. In addition, the retreat provided an opportunity for all health partners to assess the overall health system that currently exists in the County. This information was used to create a community health assessment which is a systematic examination of the health status indicators for our population and is used to identify key problems and assets in our community. This plan establishes priorities, goals and strategies the multiple agencies will collaborate on to improve health outcomes in Trumbull County.

Next, a community health improvement plan is a long-term systematic effort to address public health problems on the basis of the results of the community health assessment. It takes the priorities that were identified and details specific activities that various agencies will engage in to assess and evaluate proven evidence-based interventions to improve health outcomes in our communities. This is the action step that stakeholders will collaborate on to address gaps in services.

Finally, our health district is in the process of revising its strategic plan which results from the deliberate decision-making process and defines our organizations vision over the next five years. The strategic plan will specifically outline the specific measures the health department will participate in as identified in the community health assessment and improvement plans. This plan will drive our mission, vision, and guide all principles values and strategic priorities that the health department will engage in to improve health outcomes for residents of Trumbull County.

In conclusion, accreditation is a daunting process aimed to build healthier and safe communities throughout the state. Although health departments are required to apply for accreditation, it is truly a countywide effort comprised of multiple agencies collaborating to improve the health status of our County. Without collaboration, the plans will not be successful and health improvements will not be obtained. Therefore, we need your support to champion this process so that we can create safer and healthier communities now and into the future. If you'd like further information or if you'd like to become involved in the process please contact our agency.

Thank you!

Frank J. Migliozi, R.S.

Director of Environmental Health

2013 Environmental Division Inspecons

Private Water System & Water Sampling – 475

Plumbing – 1,012

Food Program – 1,894

Public Swimming Pools & Spas – 70

Manufactured Home Parks—74

Parks & Camps - 31

Real Estate Evaluations – 1,031

Residential Sewage – 5,220

Commercial Sewage – 706

SmokeFree Ohio Inspecons – 61

Nuisance Complaint Inspecons - 470

- 82

Sewage Program

The Ohio Department of Health (ODH) Household Sewage Advisory committee has released the 2nd draft of the new Household Sewage Rules to JCARR—Joint Committee on Agency Rule Review. The new rules will be renewed and could be law before the end of 2014. The rules create a more uniform set of rules for the entire State of Ohio. However, as the State Advisory committee met to discuss issues, their general consensus was to create several “local options”. This means there are several areas within the rules where local health departments across the State can decide how to address specific issues. As you may already be aware, per our Consent Decree, the Trumbull County General Health District (TCGHD) has already established and has implemented several of the draft rules being considered. However, there are several changes being considered that are different than the current methods being implemented by this office.

A few of the changes include:

- Applicability of Rules -
 - allowing for repairs in place of replacement of systems
 - approval or denial of systems based on economic impact, allowing for incremental/progressive approach.
- Registration of Installers, Services Providers & Septage Haulers
- ODH will conduct surveys of local health departments to determine compliance every 3 years.
- ODH fees to increase by 2016. Categories for fees will also increase.
- General Provisions—Explains: gray water recycling systems; using soil absorption as final treatment—no NPDES systems unless it is the last resort; no septic systems in a floodway & only below-grade soil absorption components can be installed in a 100-year flood plain.
- Soil Evaluations & Soil Evaluators—Soil evaluators will no longer be registered by health departments, but must demonstrate certification. Rules spell out what soil evaluators must perform in a report and allow health departments to do soil evaluations.
- Subdivisions—Revision of subdivision applications become more technical than they have been in the past.
- Site Review & Permits for Sewage Treatment Systems (STS) Installation & Operation—Approved site plans will be valid for 5 years, provided there are no changes; allows for incremental repairs or replacements of existing septic systems and spells out permitting issues, time frames, etc. Requires as-built drawings & what must be included on them; requires the 12-month inspection after installation for proper performance & that must be certified to the ODH Director; requires Permit-to-Operate program and ODH requires homeowner compliance & notification. Again, this process becomes more technical than in the past.
- Designers & Designs—This spells out qualifications for designers of STS.
- Flow Estimation & Waste Strength— The daily flow is 120 gallons/day. Health departments have the right to increase the daily flow rate if estimated flows are anticipated to increase or decrease the flow rate, if low-flow devices are used. Use of grease interceptions may be used to reduce strength of waste.

- Product Standards, Review and Operation & Maintenance—Low Pressure dosed sand filters & time-dosed sand filters.
- General Soil Absorption Standards have been revised.
- Gray Water Recycling & Alternative Toilets options.
- STS Operation & Maintenance Management and System Owner Education—Opportunities have opened up through the new rules that will allow homeowners to be trained by manufacturers to maintain their own systems. Health departments need to promote education to homeowners to help them understand all steps of the process, including system types/options, progression towards installation and the Operation & Maintenance requirement.

As a result, the health department is committed to seeking feedback from key stakeholders to develop strategies on developing and implementing rules for home sewage systems that best address the items by the State Rules Advisory Committee, and will best meet the needs of Trumbull County residents, providing for a safe and healthy environment, while also complying with our Consent Decree.

Funding Sources for Help with Septic Systems

The Trumbull County General Health District collaborated with the Trumbull County Commissioners and the Trumbull County Planning Commission by participating in various programs to seek grant funds from both Federal and State sources for assisting homeowners with the replacement of their septic systems. Grants became available in 2009, and in 2010 the health department saw the installation of the first 25 systems go in the ground. Since that time, a total of 54 replacement septic systems have been installed for families in need in Trumbull County. The total cost for those systems came to \$831,071. Grant monies received totaled \$671,627, with many of the homeowners meeting the required grant match totaling \$141,444.

Unfortunately, with the economic downturn in the country, those grants are no longer available. We are still looking for alternate sources of funding, and we will always be looking to assist the needy.

Many people “assume” that since grants have been available, many people can qualify. Homeowners come into the health department thinking they can fill out a form and qualify for grant money. It doesn’t work that way, and it is not that easy.

The particulars of the grants are so specific that Trumbull County itself, may not qualify for the grant due to location, money the county can put up, etc. Then, when Trumbull County qualifies for a grant, the particular qualifications for the grant recipients are very restrictive. Case in point, several grants were only available if the homeowners and all family members live below a specific income level. Out of those who qualify economically, then the grant narrows the list by age—older residents, or only young families with small children. The grant can then specify that out of that list, only people that have been to court will qualify. As hard as that is, we always have residents that fit into those categories. Then, it comes down to the total amount of money the county gets from the grant—how many septic systems will that buy? Choices have been very tough, but to our credit, we have worked diligently with the County Commissioners, the Planning Commission and other county agencies to get money for our citizens. We will keep looking & working with partners to help secure funds.

For more information about the Link Deposit Fund, which is a low interest loan for those homeowners who have been ordered to upgrade or replace existing septic systems, or ordered to tie into available sewers, please visit our website or contact our office.

H.B. 110

Commercial Sewage System Inspection Program

Program Overview:

The Trumbull County Health Department inspects wastewater treatment systems of small businesses, churches, schools and campgrounds, and we educate the owners/operators of these systems. The systems vary from low flow and simple to high flow and complex. There are currently approximately 800 wastewater treatment plants (WWTP) currently registered in Trumbull County. Some of the service we provide include:

- Perform plan performance evaluations.
- Troubleshoot plan problems.
- Teach WWTP operators how to operate their plants.
- Assist the Ohio EPA with inspections upon request.
- Provide training and continuing education presentations.

Trumbull County General Health District Operator's Training:

The training programs are provided with the assistance of the Ohio EPA. The training workshops are designed to educate our owners/operators of WWTPs. The training ranges from basic operation to more complex. The topics include both the physical mechanical equipment and the chemistry and processes involved.

Although routine troubleshooting is essential, we try to encourage innovation and cost saving changes where allowed, to not only improve plan performance, but also to reduce sewage treatment costs up to 50%.

Continuing Education for Master Plumbers

During the Spring of each year, the Trumbull County Health Department runs a continuing education class for our Master Plumbers, which enables them to get credit toward their state license renewal. Bob O'Connell, C.P.I., Trumbull County Plumbing Inspector, organizes and runs the classes, which are offered on two evenings; each night is five hours. Approximately 50 plumbers attend the classes.

We provide information on State of Ohio Plumbing Code updates, and changes in new technology. The Chief Plumbing Inspector for the State of Ohio aids us in conducting these classes. Speakers that have been involved in prior classes covered such topics as Worker's Compensation, legal liability, current accounting practices and safety on the job site. Demonstrations have also been conducted showcasing new products and modern techniques being developed by suppliers.

This class is presented as a convenience for local plumbers that enable them to get their required 10 hours of continuing education credits in two settings at a minimal cost.



Licenses, Permits & Registrations

	<u>2013</u>	<u>2012</u>	<u>2011</u>	<u>2010</u>	<u>2009</u>
Master Plumbers.....	85	84	80	78	88
Journeyman Plumbers.....	25	33	37	39	41
Sewage System Installers.....	42	48	41	49	55
Sanitary Servicemen.....	24	23	22	26	23
*Garbage & Refuse Haulers.....	0	0	0	0	19
Water Haulers.....	6	4	3	4	4
Taco/Body Percing Establishments.....	8	7	7	7	8
Taco/Body Percing Artists.....	18	17	19	17	23
Service Providers.....	13	17	18	15	14
Food Service Operations/Retail Food Estabs...	630	627	624	650	551
Mobile Food Units.....	90	82	86	108	96
Vending Machines.....	115	109	113	117	128
Plumbing Permits..... (234 Residential - 65 Commercial)	299	305	267	275	262
Sewage System Permits..... 130 On-Lots; 60 On-Lots; 12 Mounds; 0 Drip Systems; 32 Temporary Fixes	234	262	213	292	289
Preliminary Evaluations.....	185	291	249	233	261
Private Water Systems (Wells/Sealing).....	73/60	88/67	70/51	67/50	64/26
**Manufactured Home Parks.....	0	32	33	33	33
Recreational Parks/Camps.....	15	15	15	14	14
Swimming Pools.....	39	43	43	45	48
Semi-Public Disposal Systems.....	670	686	704	720	724
Real Estate Sewage Inspectors.....	343	319	322	380	330
Permit to Operate (O&M).....	3,541	3,303	3,050	2,876	2,651

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

**In 2013 the Ohio Manufactured Home Park Commission took over the Manufactured Home Park Program & Licensing