

Trumbull County General Health District 2012 Annual Report



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2012 TRUMBULL COUNTY BOARD OF HEALTH

<u>Name</u>	<u>Address</u>	<u>Term Expires</u>
Denise Allen	3688 Nelson Mosier Rd., Leavittsburg	March 2013
William Hagood	99 S. Outer Dr., Vienna	March 2014
Dr. Pat DiTommaso	6265 Sodom Hutchings Rd., Liberty	March 2015
Dale Appis	1000 S. Park Dr., Brookfield	March 2016
Robert Biery, Jr.	1750 Braceville Robinson Rd., Southington	March 2017

2012 TRUMBULL COUNTY DISTRICT ADVISORY COUNCIL

Fred Hanley	Chairman
Walt Emrick	Vice Chairman
Rebecca Whitman	Secretary

2012 TRUMBULL COUNTY HEALTH LICENSING COUNCIL

<u>Name & License Group Representation</u>	<u>Address</u>	<u>Term Expires</u>
Robert Biery, Jr. Retail Food Establishments	1750 Braceville Robinson Rd., Southington	March 2012
Tim Page Construction & Demolition Debris	Lordstown Construction Recovery 6205 Newton Falls-Bailey Rd., S.W., Warren	March 2012
Thomas O. Shepker Solid Waste Landfill	WCI Steel, Inc. 1040 Pine Ave., S.E., Warren	March 2012
<i>Seat Vacant</i> Food Service Operations		March 2015
Robert A. Rieke Recreational Parks/Camps	3959 St. Rt. 305, Southington	March 2015
William Hagood Manufactured Home Parks	99 S. Outer Dr., Vienna	March 2016
Dale Appis Swimming Pools	1000 S. Park Dr., Brookfield	March 2016

James J. Enyeart, M.D. — Health Commissioner

Modern public health practice requires Multidisciplinary teams of professional including physicians specializing in public health/community medicine/infectious disease, epidemiologists, biostatisticians, public health nurses, medical microbiologists, environmental health officers / public health inspectors, dental hygienists, dietitians and nutritionist, veterinarians, public health engineers, public health lawyers, sociologists, community development workers, communications officers, and others. [1]

1. Joint Task Group on Public Health Human Resources; Advisory Committee on Health Delivery & Human Resources; Advisory Committee on Population Health & Health Security (2005). Building the public health workforce for the 21st century. Ottawa: Public Health Agency of Canada. OCLS 144167975.

Although not a large metropolitan health department, the Trumbull County Health Department has evolved over time to offer many of these sophisticated services referred to above. Through continuing education and staff development programs we have been able to offer competent epidemiology services for tracking disease behavior in the community as one example.

Many are aware of the expansion of the TB program in Trumbull County. This originated as a request from the Trumbull County Commissioners, as they recognized the need for enhanced services in our county. The Trumbull County Health Department took over the program, and after completing the first year, were able to reduce county expenditures on the program by 40%.

We continue to work with many other stakeholders in the community with whom we have formed relationships to promote and defend the public's health. These include other health departments, universities, hospital systems, local safety forces, emergency management services, social/welfare agencies, the Probate Court, the board of county commissioners, the prosecutor's office, the district advisory council, the coroner's office, and of course our townships, villages and cities to name a few.

Of course, the environment remains a significant concern of ours, and has been since the complaints filed against the health department by the Ohio EPA and the Ohio Department of Health a decade ago. Even today we at the health department are regularly criticized for our efforts to improve the sanitation of our communities. The public health code exists for the benefit of all of us. Certainly the individuals whose septic systems are causing a public health nuisance have rights, however it is the obligation of the health department to see that the rights of the rest of us to clean water and a clean environment are respected as well.

Of course, we realize that at the core of many of these disagreements is money. People do not always have the resources to address their problem. For this reason the health department sought and procured funds from the EPA for low interest loans for people. This program is the Link Deposit Fund. More recently the health department has met with other community leaders to explore the development of a revolving loan fund that would be administered by the county to assist taxpayers not eligible for the link deposit fund program.

Although change is hard for many to accept, ours is the face of a modern health department. We, in partnership with many others, are working to bring the future to Trumbull County today.

Thank you.

James J. Enyeart, M.D.

Health Commissioner

Financial

The Trumbull County Health Department is pleased to submit their 2012 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 2012 is based upon figures reported to the Ohio Department of Health for the Annual Financial Report of Local Health Departments for Calendar Year 2012.

<u>2012 - Total Funds Available</u>	
	\$5,324,741.68
**2011 Carry Over Balance	\$1,005,041.22
Local Sources of Funds <i>(Inside Millage & Taxes)</i>	\$386,617.62
Personal Health Services <i>(Nursing, Help Me Grow & Health Promotion)</i>	\$535,593.57
Contract with County Commissioners for Tuberculosis	\$60,000.00
Environmental Health Fees	\$2,573,026.75
Donations <i>(Car Seat Program)</i>	\$10,470.00
Miscellaneous <i>(Jury Reimb., Health Ins. Reimb., Telephone Reimb., etc.)</i>	\$18,235.67
State Subsidy	\$72,754.69
ODH State Funded Proj./Grants	\$613,614.80

<u>2012 Expenses</u>	
	\$4,481,664.73
*Personal Health <i>(Nursing & Help Me Grow)</i>	\$1,145,350.59
*Environmental Health	\$2,472,872.16
*Health Promotion	\$122,393.82
*General Administration	\$647,233.25
Laboratory	\$93,814.91
<i>*These figures include salaries and fringe benefits.</i>	
<i>Please Note: Environmental Health Expenditures include \$1,087,286.02 Fees Remitted to the Ohio Department of Health & Ohio Environmental Protection Agency for Revenue Collected on Their Behalf.</i>	

Health Department Employees as of 12/31/12

Administrative Staff	9
Health Educator	1
Sanitarians	*9
Plumbing Inspector	1
Nurses	**5
Service Coordinators (Help Me Grow Program)	9

**Includes Director of Environmental Health*

***Includes Director of Nursing*

Inside Millage Breakdown

	*2010 Population	TY 2012 Value Estimated	2012 Proposed Dollars Generated From .15 Inside Millage	2012 Per Capita Expenditure From .15 Inside Millage
Bazetta	5,874	\$ 142,078,850	\$ 21,311.83	\$3.63
Bloomfield	1,322	19,363,280	2,904.49	\$2.20
Braceville	2,856	48,792,950	7,318.94	\$2.56
Bristol	2,919	49,094,210	7,364.13	\$2.52
Brookfield (Incl. Yankee Lake)	8,854	124,948,800	18,742.32	\$2.12
Champion	9,612	169,212,300	25,381.85	\$2.64
Farmington (Twp. & Village)	2,728	41,083,890	6,162.58	\$2.26
Fowler	2,595	46,605,660	6,990.85	\$2.69
Greene	1,015	16,469,690	2,470.45	\$2.43
Gustavus	829	17,102,530	2,565.38	\$3.09
Hartford	2,070	39,306,460	5,895.97	\$2.85
Howland	19,106	399,922,170	59,988.33	\$3.14
Hubbard	5,654	94,181,680	14,127.25	\$2.50
Johnston	1,952	33,841,300	5,076.20	\$2.60
Kinsman	1,876	31,938,110	4,790.72	\$2.55
Liberty	12,024	213,056,340	31,958.45	\$2.66
Mecca	2,674	43,240,920	6,486.14	\$2.43
Mesopotamia	3,387	38,052,580	5,707.89	\$1.69
Newton Falls (Twp. & City)	8,875	185,082,170	27,762.33	\$3.13
Southington	3,717	64,089,730	9,613.46	\$2.59
Vernon	1,536	24,100,500	3,615.08	\$2.35
Vienna	3,997	87,559,760	13,133.96	\$3.29
Warren	5,551	69,984,490	10,497.67	\$1.89
Weathersfield	6,642	138,724,390	20,808.66	\$3.13
TOTAL TOWNSHIPS	117,665	\$ 2,137,832,760	\$ 320,674.91	\$2.73
Lordstown	3,417	\$ 98,533,900	\$ 14,780.09	\$4.33
McDonald	3,263	44,284,460	6,642.67	\$2.04
Orangeville	197	2,476,000	371.40	\$1.89
TOTAL VILLAGES	6,877	\$ 145,294,360	\$ 21,794.15	\$3.17
Cortland	7,104	\$ 133,179,080	19,976.86	\$2.81
Hubbard	9,958	\$ 106,988,820	16,048.32	\$1.61
TOTAL CITIES	17,062	\$ 240,167,900	\$ 36,025.19	\$2.11
TOTAL ALL SUBDIVISIONS	141,604	\$ 2,523,295,020	\$ 378,494.25	\$2.67

** Population Numbers Taken from the 2012 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 - \$304,574.18

ENVIRONMENTAL HEALTH DIVISION

FRANK MIGLIOZZI, R.S.—DIRECTOR

THE NUMBER OF HUMAN CASES OF WEST NILE VIRUS INCREASED IN OHIO DURING 2012



The health department has three employees that are commercially licensed to apply larvicide to prevent mosquito larvae from maturing into adults. The environmental health division is providing this service to cities, villages and townships at no cost. Please contact our office if you are interested in finding out more information about this program.

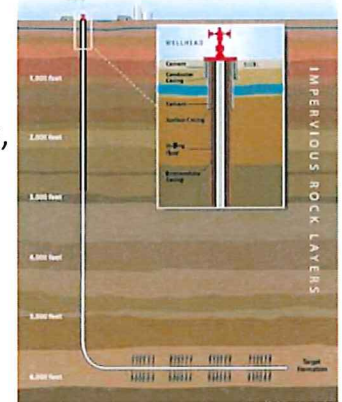
Protect yourself from the bit of a mosquito:

- Make sure that doors and windows have tight-fitting screens.
- Repair or replace all torn screens in your home.
- Remove all discarded tires from your property.
- Dispose of tin cans, plastic containers, ceramic pots, or similar water-holding containers.
- Make sure roof gutters drain properly. Clean clogged gutters in the spring and fall.
- Clean & chlorinate swimming pools, outdoor saunas and hot tubs. If not in use, keep empty & covered.
- Drain water from pool covers.
- Change the water in bird baths at least once a week.
- Turn over plastic wading pools, and wheelbarrows, etc. when not in use.
- Clean ditches of obstructions so they drain properly.
- Eliminate any standing water that collects on your property.
- Check trees for cavities that hold water and fill them with soil, gravel, or sand.
- Remind or help neighbors to eliminate breeding sites on their properties.
- Use insect repellent and follow the label directions.

HYDRO-FRACKING CAME TO TRUMBULL COUNTY 2012

As companies determined that oil and gas is prevalent in Utica Shale formations, leases were obtained and drilling began.

This process involves digging down 5,000 to 8,000 feet (which is more than 1.5 miles, and thousands of feet below the fresh water aquifers) to tap into the natural gas-rich shale, such as Utica and Marcellus deposits in Ohio.



Fracking is regulated by the Ohio Department of Natural Resources Division of Gas and Oil Well Drilling. Thus, the Board of Health does not issue permits for this activity, or have the ability to regulate them. However, we are providing a service to homeowners who wish to have their private water system sampled to ensure its safety. Sampling involves three tiers of testing. Tier 1 Testing Parameters: Barium, Chloride, conductivity, Magnesium, Potassium, Sodium, Strontium, Sulfate, Total Dissolved Solids. Tier 2 Testing Parameters: All parameters in Tier 1 plus Alkalinity, Bromide, Calcium, Hardness, Iron, Manganese pH, total Suspended Solids. Tier 3 Testing Parameters: All parameters in Tier 1 and 2 plus BTEX (Benzene, Toluene, Xylenes, Ethylbenzene), Methane.) It is important to test before the drilling activity begins in your area to establish a baseline. The health department will take and respond to complaints regarding issues with hydro-fracking, and will bring them to the attention of the Ohio Department of Natural Resources.

**OHIO TRANSFERS THE REGULATION OF
MANUFACTURED HOME PARKS FROM
THE OHIO DEPARTMENT OF HEALTH TO
THE OHIO MANUFACTURED HOME
COMMISSION (OMHC) IN 2012**

The OMHC was originally formed to establish a mechanism of regulating the setting of manufactured homes within parks. This involved certification of installers, as well as inspectors. In 2012, arrangements were made to transfer the entire process of licensing and regulating the entire park from the Ohio Department of Health to the OMHC. As this process became effective, health districts were given first right of refusal to conduct inspections of parks within its jurisdiction. The environmental health division has signed a memorandum of understanding with the OMHC to conduct these inspections.

**OHIO DEPARTMENT OF HEALTH WORKS
WITH THE RULES ADVISORY
COMMITTEE (RAC) TO DEVELOP A
DRAFT OF NEW STATE WIDE SEWAGE
TREATMENT SYSTEM REGULATIONS**

The drafting of new sewage regulations was done to comply with the recent change in law in Ohio Revised Code 3718, which occurred in 2010. To develop the new rules, a state wide committee was formed from several disciplines involved in the septic process. The requirements of ORC 3718 must be incorporated into the regulations with the goal of establishing standards and consistency within the application state wide. The state will complete a process of rule adoption during 2013, with the possibility of new regulations to begin in 2014.

Environmental Health Staff:

**Richard Curl, R.S., Public Health Inspector
Kevin Francis, R.S., Public Health Inspector
William Gootee, S.I.T., Public Health Inspector
Gregory Hall, R.S., Public Health Inspector
Rodney Hedge, R.S., Public Health Inspector
Steven Kramer, R.S., Public Health Inspector
Natalie Markusic, R.S., Public Health Inspector
Robert O'Connell, Plumbing Inspector
Dianne Simon, R.S., Public Health Inspector
Kristofer Wilster, R.S., Public Health Inspector**

Environmental Clerical Support Staff:

**Sharon Bednar
Sharon O'Donnell
Julia Paolone
Lisa Spelich**

Licenses, Permits & Registrations

	<u>2012</u>	<u>2011</u>	<u>2010</u>	<u>2009</u>	<u>2008</u>
Master Plumbers.....	84	80	78	88	94
Journeyman Plumbers.....	33	37	39	41	47
Sewage System Installers.....	48	41	49	55	61
Sanitary Servicemen.....	23	22	26	23	61
*Garbage & Refuse Haulers.....	0	0	0	19	18
Water Haulers.....	4	3	4	4	4
Tattoo/Body Piercing Establishments.....	7	7	7	8	8
Tattoo/Body Piercing Artists.....	17	19	17	23	23
Service Providers.....	17	18	15	14	14
Food Service Operations/Retail Food Estabs....	627	624	650	551	626
Mobile Food Units.....	82	86	108	96	86
Vending Machines.....	109	113	117	128	134
Plumbing Permits..... <i>(243 Residential - 62 Commercial)</i>	305	267	275	262	323
Sewage System Permits..... <i>31 Off-Lots; 68 On-Lots; 30 Mounds; 0 Drip Systems; 33 Temporary Fixes</i>	262	213	292	289	323
Preliminary Evaluations.....	291	249	233	261	364
Private Water Systems (Wells/Sealing).....	88/67	70/51	67/50	64/26	85/23
Manufactured Home Parks.....	32	33	33	33	33
Recreational Parks/Camps.....	15	15	14	14	14
Swimming Pools.....	43	43	45	48	48
Semi-Public Disposal Systems.....	686	704	720	724	742
Real Estate Sewage Inspections.....	319	322	380	330	656
Permit to Operate (O&M).....	3,303	3,050	2,876	2,651	2,475

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

2012 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** |

Schools

Community Garden Project

We partnered with Warren City Schools to develop their own Salsa Garden.

Food Service Conference

The Health Department sponsored a workshop for school food services staff the addressed the new Lunch Meal Patterns, Handling Fresh Produce, Tips From a Chef, Fuel Up To Play and Success Stories. There were ninety-one in attendance, from five Ohio counties, twenty-three school districts and agencies.

Action for Healthy Kids

We sponsored a workshop on the new Physical Education Evaluation mandate for Physical Education Teachers. One hundred four teachers from nine counties were in attendance. We held three training opportunities for Fuel Up To Play 60. We also made \$2,000 in mini-grants available to schools for nutrition and physical activity interventions.

School to Farm Road Trip

We took schools to produce suppliers to show how to buy produce, meat and cheese directly. Twenty-nine people from nine schools were in attendance.

Tobacco Free Schools

A Masters in Public Health Intern examined 17 school tobacco policies and made a presentation to Trumbull County high school principals to get them to improve those policies.

Community

Bicycle Map

Eastgate Council of Governments partnered with us to make a Safe Routes map for Trumbull and Mahoning Counties.

Leavittsburg Trail

We funded a walking trail for Johnson Community Park.

Health Ministry Conference

We held our third Faith Based conference in October. This program was designed to address the strategies, tools and resources that will help the faith based community improve the health of parishioners. Sixteen people attended.

Community Garden

The Victory Garden in Warren has increased in size. A partnership was established between OSU Extension and the Warren City Schools. Six new Master Gardeners were trained. Over 1,000 of vegetables were produced by Master Gardeners and donated to the school cafeteria. A handicap accessible garden was built.

Bike To Work Warren

This one day event was held to encourage people to bike to work. Sixty-seven people participated.

Bolindale Food Pantry

The food pantry was established at Bolindale Christian Church. Over one hundred needy families are served.

Worksite

Work Site Conference

A worksite wellness conference focusing on creating a culture of wellness was held. There were sixty-one people in attendance from thirty-six businesses and agencies. The participants were from seven counties plus Pennsylvania.

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

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, Warren City Schools, Liberty Schools, Ohio Health Educator Institute, School Nurses & the Ohio Department of Health.

Nursing Division

Deborah Mokosh, R.N.— Director of Nursing

In order to plan for the future, we are compelled to look back.
A few of the changes in 2012:

- ◆ We re-structured our Immunization clinics to allow for an increase in Adult and Child clinics and opportunities for Warren City, while preserving our 2 monthly sites in our Amish community.
In 2011 we completed 99 clinics
In 2012 we completed 141 clinics
- ◆ We began our 2 year Community Health Survey cycle to collect data that reflects the needs of all folks in the community, so that area agencies may review their program initiatives.
- ◆ We began the work to identify and have contact information for the At Risk Populations, in order to provide to them information for health and emergency situations.
- ◆ We added agencies to the Trumbull County Health Preparedness Committee that develop emergency plans for the community of Trumbull County.
- ◆ We began a collaboration with the Trumbull County Sheriff Senior Division to plan and arrange for Home Visitor Safety Training.

Part of our mission is that our services will have a positive impact on the health, safety, and well-being of those we serve. We will treat the public with dignity and respect, (and recognize cultural diversity) and individual needs through our programs and services.

All of our staff that support the Nursing and Home Visiting Programs, are dedicated and have a passion to serve their clients.

As we have learned, Public Health is ever changing—funding challenges, modifications in grant applications and reports, delivery system changes, all in order to serve. Thank You.

Debbie Mokosh, Director of Nursing

Nursing Services Offered:

***Trumbull County
TB Program***

***Pandemic and Bio-Terrorism
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

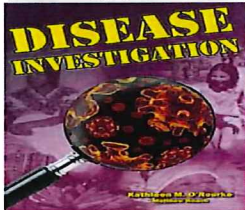
Animal Bite Investigation

Newborn Screenings

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

Public Education

TRUMBULL COUNTY HEALTH DEPARTMENT– NURSING 2012 - AT A GLANCE



Ready

Prepare. Plan. Stay Informed.®



- ◆ 3894 vaccines were give to children
- ◆ 732 vaccines were given to adults
- ◆ 144 immunization clinics were held for the community
- ◆ The health department held 30 car seat classes for the Trumbull County community's Children
- ◆ 138 car seats were provided for children
- ◆ 471 hours– Trumbull County nurses devoted to meetings with areas agencies in order to educate and promote health objectives for the Trumbull County Community.
- ◆ 37 Health presentations to the community provided by the public health nurses
- ◆ 463 TB skin tests completed by TCHD—none reactive.
- ◆ 54 direct observation visits by PHN with client for oral treatment.
- ◆ 91 client visits to the TB medical clinic.
- ◆ 690 disease cases investigated
- ◆ 1435 hours devoted by clinic staff for disease surveillance and investigation
- ◆ 225 animal bite reports investigated
- ◆ 23 area agencies come together to plan for emergencies in Trumbull County.
- ◆ 175 hours of TCHD staff time devoted to Health Preparedness meetings for the community.
- ◆ The planning committee welcomed new members– WKBN, Salvation Army, One Health Ohio, James Funeral Home
- ◆ 2607 Home visits were completed in all 4 home visiting programs– Ohio Help Me Grow, Ohio Early Intervention, Ohio Maternal, Infant and Early Childhood Home Visiting and Ohio Children's trust Fund.
- ◆ Home Visiting staff attended 35 trainings and seminars for programs delivery.
- ◆ 67 applications to the "Sight for Children" program for Trumbull County children.
- ◆ 48 were approved.
- ◆ 95 pregnancy tests completed– 55 positive
- ◆ Multiple referrals made on behalf of clients to medical home, WIC, DJFS, HMG services.

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 described below are examples of our attempt to meet the needs of the community.

BIO-TERRORISM/EMERGENCY PREPAREDNESS

Following the events of September 11, 2001, Trumbull County Health Department was instrumental in bringing together a consortium of 20+ Trumbull County agencies with the purpose was to prepare for emergency response to 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.

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.

- ◆ In the fall of 2012 Trumbull County Health Department participated with HMHP and TMH, as well as Mahoning and Trumbull County EMA, American Red Cross in a emergency Medical Surge exercise as a result of an earthquake in Trumbull County (planned scenario)
- ◆ The planning committee began efforts to locate, identify, and obtain contact information for Trumbull County's At Risk/Special Needs populations, as part of our emergency plans.
- ◆ In August of 2012, Ohio's health departments were alerted by the State Health Department of human illnesses associated with the Butler County Fair with similarities to the influenza virus and all individuals had contact with swine. Over the next several weeks this strain of flu spread to other counties and was connected to swine exhibits . Trumbull County Health Department sent public health and safety messages to local media, area medical providers and area agencies.
- ◆ In the fall of 2012, the seasonal flu began early and was particularly virulent. Trumbull County Health Department again participated with the local media to provide public health messages.
- ◆ Two of the health department's Public Health Nurses- Rita Spahlinger and Kathy Parrilla are participating in a Regional Radiological Emergency Preparedness Plan with Ohio's NECO (Northeast Central Ohio) Region 5. This pilot plan, the first in Ohio, will develop plans and protocols required to protect the region in the event of a Radiological emergency.

We will continue the cooperation and coordination efforts of the Trumbull County Health Department, the Trumbull County Emergency Management Agency, and the Local Hospital(s), as the local Plan Review and Development Team, to review, develop and test the county's emergency preparedness plans. These three entities will engage other community partners for this process.

Although communicable disease investigation has always been a health department function, we have put new emphasis on early recognition and investigation of possible outbreaks; we have Sandy Swann, a Public Health Nurse, and the Trumbull County Health Department Epidemiologist, works closely with the other health departments, physicians, hospitals and the Northeast Ohio Region (NECO) to do surveillance and track trends in diseases.

2012, Ms. Swann attended Epi Center Training (Trumbull County surveillance system); Zoonotic training; Forensic EPI training; RealOpt training; TC POD Management System; FBI Academia Bio Security Training; OPHCS training; Viral Hepatitis Summit; OSU Overview Analytical Tools Course; OH Health Data System State-Wide Symposium; ODH State Epi; CFR Symposium and Training; Fairs, Festivals and Zoonotic Disease Training.

Rita Spahlinger , is TCHD SNS(Strategic National Stockpile) nurse. She would coordinate the health department's efforts to set up mass clinics for administration of medication to the community in the event of an emergency.



Trumbull County Health Preparedness Committee (formerly-Trumbull County Bio-Terrorism)

The Trumbull County Health Preparedness Committee is made up of 20+ Trumbull County agencies and representatives of multiple departments of some of those agencies.

Purpose

The purpose of the Trumbull County Health Preparedness Committee is to build an emergency response process and plan for Trumbull County and agency members, to ensure that member agencies have a coordinated, effective disaster plan, collaborate with member agencies for an effective disaster response and educate the community to prepare and respond to emergency situations.

Members

(Goal is to enlist members from the 11 sectors of interest as defined by the CDC)

Community Leadership- ARC, Salvation Army, Trumbull County Coroner

Community Healthcare Organizations- HMHP, TMH, Hillside; One Health Ohio -(Lloyd McCoy and Warren West Community Health Centers); Trumbull County Health Department, Warren City Health Department, Niles City Health Department, Girard City Health Department

Emergency Management and Response-Howland FD; Trumbull County EMA; Trumbull County Hazmat; LEPC; ARC ; Trumbull County MRC

Education and Childcare- YSU, TCESC, TCTC

Military Installation- Vienna Airbase

Mental/ Behavioral Health- Trumbull County Mental Health and Recovery Board

Housing/Sheltering-ARC

Media-WFM Channel 27

Community Business-James Funeral Home

Social Services- Salvation Army, Western Reserve Independent Living Center (Advocacy / Service Organizations for People with Disabilities);

Cultural and Faith based Organizations

Senior Services-TCHD lead agency

Intent

The intent of the committee is to:

Recognize and participate in a plan of shared information and assumes responsibility to others in the event of an emergency;

Facilitate the provision of Trumbull County agency services during natural disaster situations and other emergencies for the community;

Provide information and training to agencies and education to community members;

Develop a culture that recognizes the need for emergency preparedness and acts to ensure business continuity during an emergency;

Compile useful emergency preparedness and business continuity resources for network members use;

Prepare, train and exercise emergency preparedness plans in Trumbull County, across the State of Ohio with other local communities;

Develop, review, and update County-wide emergency preparedness plans based on an integrated a hazards risk based approach of prevention/mitigation, preparedness, response and recovery;

Stay informed of federal, state, and local regulations and changes that affect emergency preparedness Planning;

Promote understanding of the National Incident Management System and the use of Incident Command;

Provide updated membership contact information;

Promote and provide emergency preparedness education for agencies, businesses and residents of Trumbull County.

Sub-Committees

The Health Preparedness Committee has been divided into three sub-committees, as follows:

- **Communications/Education Committee**
 - Educate member agencies regarding emergency response communication equipment;
 - Facilitate member training in the use and maintenance of equipment. (e.g., fax machines, two-way radios, smart phone/tablet devices, electronic mail, laptop computers, satellite phones, and cell phones)
 - Coordinate a cohesive communication response system in Trumbull County;
 - Promote, facilitate and/or provide emergency/disaster preparedness education to members and the Community;
 - Update committee re: changes in agency emergency plans; public information messages;
 - Maintain current member contact information.
- **Volunteer and Resource Committee**
 - Promote volunteerism and prepare volunteers through training;
 - Addressing education and emergency plans for special needs community in an emergency;
 - Catalog available agency/community resources to be available in an emergency.
- **Special, At-Risk and Vulnerable Populations Committee (est. 04/27/2012)**
 - Locate populations through area agencies;
 - Obtain a 24/7 contact person & back up contact person to be available to accept and issue emergency messages to their special needs clients;
 - Develop a database identifying the special needs population; their contact person & back-up, contact information, numbers of the special needs population served;
 - Obtain MOU's for cooperation between Trumbull County Health Department and TC agencies;
- **Exercise Design Committee, (The Exercise Design Committee is currently on hiatus).**

As the needs of Trumbull County and the member agencies change, creation of new committees with a new focus is on-going.

The Health Preparedness Committee will meet at least nine times each calendar year or as necessary, and keep written minutes of all meetings and present oral and written reports to the entire group when appropriate.

Outreach Methods:

Website Reverse 9-1-1
Social Media Community Events
Printed Materials (brochures, flyers)

THE CHILD AND FAMILY HEALTH SERVICES PROGRAM (C.F.H.S.P.)

The Ohio Department of Health funds the C.F.H.S. 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. The direction of this grant, as all of the grants, continues to evolve with decreased funding from the Ohio Department of Health and change of focus with emphasis on community health.

Community Assessment

In order to better provide programs in the county, we do ongoing assessment of the community needs and resources. We have the CFHS Consortium a 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. This committee takes an active role in providing beneficial programs for the children and families of Trumbull County.

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. This assessment and planning initiative provides a guide to implement strategies over the next three years aimed at improving the health status of the residents of Mahoning Valley and reducing health disparities between population groups. CHA/P is a collaboration between community leaders from public health, health care, business, education, non-profit, philanthropy & governmental organizations. The initiative was led by a Steering Committee that included 27 community and health leaders from Mahoning, Trumbull, and Columbiana counties. Additional community partners served on two subcommittees that conducted assessments and produced relevant health data and information. Finally, key community informants contributed insights and perspectives that guided the Steering Committee's decisions and recommendations, and helped shape the final report.

Based on the assessments and community input, the Steering Committee identified five priority areas and developed six associated goals intended to improve the health status of Mahoning Valley residents. The Steering Committee oversaw the planning process and ensured that input was obtained from a broad cross-section of organizations and individuals. A team from Kent State University's College of Public Health facilitated the process and conducted analyses upon which priorities were selected and action recommendations were developed by the Steering Committee. The CHA/Ps steering committee is committed to meeting four times per year to discuss and assess program plans, best practices and alter plans as needed to best serve the community. Community assessment is an ongoing process and we welcome any member of the community to join us and provide input. The Tri-County Community Health Assessment and Planning (CHA/P) report may be found on the health department's website - www.tcbh.org

Fall of 2012 the TCHD distributed 2012-2013 Community Surveys to various area agencies. The information provided will be added to a data base and the report will be shared with the community and on our website - www.tcbh.org

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

— Rita Spahlinger, R.N.

The major component of this program is education. The health department had a lead role in establishing the Lead Task Force which is a collaboration of agencies working to increase education about lead poisoning in Trumbull County. We partner with TCAP private offices, and Ohio Department of Health to provide follow up and case management of children with elevated leads levels. In 2012 the Health Dept. participated in the Northeast Regional Support Program with Belmont Co. Many northeast Ohio counties were involved in this group. The purpose of the group was to share ideas and education to successfully eliminate lead poisoning in children. In Trumbull County **120** children were tested with no toxic levels detected.

Folic Acid Education —All Clinic Staff

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 **95** 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. We will continue to provide public education on the importance of folic acid supplementation in women of child-bearing age.

Preschool Childhood Obesity Prevention Program

—Judi Roman, R.N. & Jan Chickering, M.A./Secretary

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 2012.

Pregnancy Screening— Clinic Staff

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. Women who have a positive test are given referral information and education about healthy pregnancy habits such as keeping physician appointments, taking vitamins, eating a healthy diet, and not smoking. Assistance is also provided for application to Healthy Start (Combined Programs Application), Help Me Grow, and WIC. In 2012 the health department provided **95** pregnancy tests. Of these, **55** were positive and **33** were negative.

Clients were assisted with **31** CPA's (Combined Program Applications).

IMMUNIZATION PROGRAM—Rita Spahlinger, R.N.

- Children's Immunization Clinic

The primary object of this program is to increase age appropriate immunization levels in children less than 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, education and assessment. There were 4 clinic sites located around Trumbull County. 89% of the clients who attended our clinics in 2012 were up to date on their immunizations by 2 years of age. The definition of up to date has been changed to include 4 Dtap, 3 Polio, 3 Hepatitis B, 1 MMR, 1 Varicella and 4 Prevnar vaccinations. **1,445 children received 3894 vaccinations** at health department clinics in 2012 compared to 1,320 children receiving 3,305 vaccines in 2011. **422** adult also received vaccines.

- Influenza

Public Health Nurses administered approximately **182** seasonal flu shots to adults and **120** to children at the health department and at immunization sites located in various parts of Trumbull County. The H1N1 vaccine was included as part of the seasonal influenza vaccine in 2011/2012. These shots were administered during the months of October, December and January to residents of all ages. Prevention information was developed and placed on our website, on the TVs at the Eastwood Mall and informative brochures were offered at all of the immunization sites.

• Adult Immunization Clinics

Adult immunization services are offered four time a month at the health department for any adult in Trumbull County. Vaccines available are Td (tetanus/diphtheria) Tdap (tetanus, diphtheria and pertussis), MMR (measles, mumps and rubella), Varicella (chicken pox) and Hepatitis B. We provided immunizations to **422** adults in 2012.



All Trumbull County Health Department Clinic staff supported the immunization clinics throughout 2012:

Randee Shoenberger, R.N.—Judi Roman, R.N.

Rita Spahlinger, R.N.—Lucinda Sentner, R.N.

Sandy Swann, R.N.—Kathy Parrilla, R.N.

Beverly Cope, M.A., Secretary—Jan Chickering, M.A., Secretary

Bureau for Children With Medical Handicaps

— Randee Shoenberger, R.N., Rita Spahlinger, R.N. & Sandy Swann, R.N.

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 143 active BCMh clients.

HOME VISITING PROGRAMS FOR CHILDREN AND THEIR FAMILIES—WITH FOCUS ON PARENT SUPPORT, HOME VISITING AND COMMUNITY RESOURCES

Help Me Grow (HMG) - Home Visiting Program

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.



1305 home visits were completed for HMG HV program in 2012.

Help Me Grow—Part C/Early Intervention Program

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.

Services are provided to:

- Newborns, infants & toddlers who are experiencing a developmental delay in one or more of the following areas:
 - a. Cognitive Development
 - b. Physical Development, including vision and hearing
 - c. Communication Development
 - d. Social-Emotional Development
 - e. Adaptive Development
- Newborns, infants and toddlers who have a diagnosed physical or mental condition who are identified by the department as having a high probability of a developmental delay.

892 home visits were completed for the Part C program in 2012.

Ohio Children's Trust Fund Program (OCTF)

The Trumbull County Health Department OCTF program is a parent education, child development program utilizing the evidenced-based Parents as Teachers 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. The Health Resources and Service Administration (HRSA) and the Administration for Children and Families (ACF) see home visiting as a strategy embedded in a quality early childhood system that promotes maternal, infant, and early childhood health, safety and development, as well as strong parent-child relationships. Services are provided to women who are pregnant and caregivers of children birth to 5 years of age. **Program served 12 families and 121 home visits were completed.**

Maternal, Infant, Early Childhood Home Visiting (MIECHV) Program

The Ohio Department of Health (ODH) was designated by the Governor's Office in June 2010 as the lead agency to prepare the state's application for funds made available in the Affordable Care Act—Maternal, Infant and Early Childhood Home Visiting Program (MIECHV). 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. There is an equal emphasis on developing a comprehensive high-quality early childhood system that promotes maternal, infant and early childhood health and safety, development of strong parent-child relationships and providing evidence-based home visiting services to families. States were required to conduct a needs assessment to identify communities most vulnerable for poor outcomes based on a number of criteria: premature birth, low-birth weight infants, infant mortality, including infant death due to neglect or other indicators of most vulnerable prenatal, material, newborn, or child health, poverty, crime, domestic violence, high rates of high-school dropouts, substance abuse, unemployment and child maltreatment. Based on the needs assessment and subsequent data analysis, 31 counties most vulnerable for poor maternal and child health outcomes were identified. Two counties from each of four population density regions were selected as the target communities for this grant program, representing the different demographics of the state. The 8 original selected counties were Clark, Hamilton, Lucas, Marion, Pike, Ross, Trumbull and Vinton. In 2012 Ohio opened the MIECHV program to all counties.

Healthy Families America (HFA) is an evidence-based home visiting model, utilized for the NIECHV 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 2012 the program served 23 families and 292 home visits were completed.**

The evidenced-based Parents as Teachers curriculum is utilized for all of the home visiting programs.

Please visit www.parentsasteachers.org or www.healthyfamiliesamerica.org for more information on these programs.

Home Visitation Program Support Staff

**Randee Shoenberger, R.N.—Nikki (Brink) Redmond, A.A.S.—Kristyn Bugnone, M.S.
Jennifer Francis, B.A.—Cathy Lavernuick, L.S.W.—Jennifer Jornigan, B.S.—Beth Shelar, B.S.
Andrea Neuman-Taddei, B.A.**

Tara Gerlick, L.S.W.—Family Service Educator

Kenya Franklin, B.A.—Family Service Coordinator

Margie Alexander, Family & Children First council Coordinator—Served as HMG Early Intervention Project Director and Consultant for the MIECHV and OCTF programs.

In 2012, the Trumbull County Health Department employed 8 full time Family Educators, 1 Public Health Nurse and 1 Family Service Supervisor to provide service coordination/home visitation for the children and families of Trumbull County who qualified for the 4 home visiting programs. Home visitors offer parenting education, screening, assessment and ongoing connections to needed resources. All children served in 2012 through these visiting programs were served by the Trumbull County Health Department.

In addition to the home visits, the staff provides parent/child groups. The first session was in collaboration with the Warren– Trumbull Public Library entitled, “Fun for Parents & Children” early literacy group . The benefit of group sessions are to provide social opportunities both for the children and their parents. It allows time for children to interact with their peers and parents can talk with each other about concerns as well as celebrations. Activities, food and an age-appropriate book were provided to the families.

Public Health Nursing Visits—Randee Shoenberger, R.N.

Public Health Nurses provide a home visit to children eligible for Help Me Grow Part C services. The nurse completes a comprehensive assessment of the child and refers the family to BCMH or other resources as necessary. The public health nurse consultation is used as the initial assessment for program planning by the service coordinator. A public health nurse is able to complete the Bayley Scales of Infant and Toddler Development needed for ongoing assessment for possible developmental delay. If a delay is exhibited, the child is referred to an appropriate agency for services.

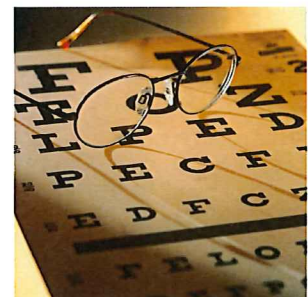
Car Seat Program—Rita Spahlinger, R.N., Cathy Lavernuick, L.S.W., Jen Francis, B.A.

This program provides education about proper car seat installation and use, as well as car seats for those in need. Car seats are primarily distributed through the Trumbull County Health Department to parents/grandparents while attending an instructional class in proper use. Classes are held at the Health Department and St. Joes at the 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 has gone one step further and is a car seat technician instructor. **138** car and booster seats were provided at **30** classes held at the health department or St. Joe’s Health Center classroom at the Eastwood Mall.



Sight For Students Program—Jan Chickering, M.A./Secretary

The Trumbull County Health Department contracts with Ohio’s Prevent Blindness Program to assist families in Trumbull County with application for financial assistance for vision exams and glasses. This program is for “gap kids” who cannot obtain vision insurance at work and who are not eligible for government aid. Families can earn up to 200% poverty level and cannot be enrolled in another eye care insurance program or be covered by Medicaid. This program provides an eye exam and glasses for students who are in school up to age 18. This program is administered by the Nursing Division of the Health Department. Students who are identified by us in need of this service are mailed an application to complete. The application is reviewed and forwarded by us to Prevent Blindness Ohio. Once approved, the family is mailed vouchers for both an eye exam and glasses with a list of participating providers.



In 2012 we processed **67** applications for this program, which assisted **50** families. **48** applicants were approved to receive an eye exam and glasses.

MEDICAL RESERVE CORP (MRC)

- Susan Kovach, M.P.H, Mahoning County General Health District

- Deborah Mokosh, R.N., Trumbull County General Health District

The Trumbull County Medical Reserve Corp has been through some operational changes. The volunteer corps is now coordinated by Susan Kovach from the Mahoning County District Board of Health. Ms. Kovach also coordinates the Mahoning County and Columbiana County MRC volunteers. The mission of the MRC is to provide registered and trained medical volunteers to assist public health in times of disaster and throughout the year as needed. The volunteers are registered into a state-wide database according to credentials, skills and level of volunteer time preferred. Those who are registered in this way will be supported with liability coverage through the state of Ohio while reporting to a declared public health emergency as a volunteer. Volunteers are asked to participate in a background check and obtain a photo identification badge for use during the volunteer activity, and participate in a series of trainings. Volunteers can be nurses, physicians, physician assistants, dentists, dental assistants, EMTs, paramedics, mental health care workers and any other medical or non-medical persons over the age of 18 who wish to help make a difference in the community.

MRC volunteers for Trumbull County are offered appropriate training during the year in order to be prepared for an emergency situation in which they might serve.

Information and training to become a Medical Reserve Corp Volunteer can be accessed through the Mahoning County District Board of health by contacting Susan Kovach at (330) 270-2855 ext. 132 or at skovach@mahoninghealth.org

CULTURAL COMPETENCY

The Department of Health and Human Services' Office of Minority Health issued national standards that will ensure that all people entering any health care system receipt equitable and effective treatment in a culturally and linguistically appropriate manner.

The nursing division utilizes the CLAS (Cultural and Linguistically Appropriate Services) Standards to help us address the needs of all the population in the county in a culturally appropriate manner. The health department's annual CLAS Assessment may be found on our website—www.tcbh.org

The following are the 14 standards that are included in CLAS:

1. Understandable and respectful care.
2. Diverse staff and leadership.
3. Ongoing education and training.
4. Language assistance services.
5. Rights to receive language services.
6. Competence of language assistance.
7. Patient related materials.
8. Written strategic plan.
9. Organizational self-assessment.
10. Patient/Consumer data.
11. Community profile.
12. Community partnerships.
13. Conflict/Grievance processes.
14. Implementation.

Reportable Condition	# of Confirmed Cases for 2012	# of Confirmed Cases for 2011	# of Confirmed Cases for 2010	# of Confirmed Cases for 2009	# of Confirmed Cases for 2008
Campylobacteriosis	15	10	24	20	19
Chlamydia infection	856	782	772	680	422
Coccidioidomycosis	0	1	0	0	0
Cryptosporidiosis	0	5	25	25	9
E. coli - enterohemorrhagic (shiga toxin producing) - Not O157:H7	0	1	2	1	0
E. coli - enterohemorrhagic (shiga toxin producing) - O157:H7	1	0	0	0	3
Encephalitis - primary	0	0	0	0	1
Ehrlichiosis / Anaplasmosis	1	0	0	0	0
Giardiasis	15	10	5	7	11
Gonococcal infection	178	244	239	192	187
Haemophilus influenzae (invasive disease)	3	4	3	2	3
Hepatitis A	0	0	0	0	1
Hepatitis B Perinatal	1	1	No data	No data	No data
Hepatitis B (including delta) - acute	10	2	1	5	3
Hepatitis B (including delta) - chronic	4	2	5	2	4
Hepatitis C - acute	3	0	0	1	1
Hepatitis C - chronic	79	74	80	94	83
Influenza A - novel virus	0	0	0	3	0
Influenza-associated hospitalization	20	24	6	30	0
LaCrosse virus disease (other California serogroup virus disease)	0	1	1	0	0
Legionellosis - Legionnaires' Disease	5	7	4	0	2
Listeriosis	0	1	1	0	2
Lyme Disease	0	0	0	0	3
Meningitis - aseptic/viral	3	27	10	7	7
Meningitis - bacterial (Not N. meningitidis)	2	8	1	1	0
Meningococcal disease - Neisseria meningitidis	0	1	0	0	2
Mycobacterial disease - other than tuberculosis	20	14	22	7	4
Pertussis	11	18	12	28	6
Salmonellosis	18	15	20	19	31
Shigella	0	0	0	19	10
Staphylococcal aureus - intermediate resistance to vancomycin (VISA)	0	0	1	0	0
Streptococcal - Group A -invasive	9	2	4	4	6
Streptococcal - Group B -Newborn	2	2	0	1	1
Streptococcus pneumoniae - invasive antibiotic resistance unknown or non-resistant	16	19	24	21	27
Streptococcus pneumoniae - invasive antibiotic resistant/intermediate	11	7	5	16	20
Tuberculosis	1	1	1	0	0
Varicella	0	2	4	17	3
Yersiniosis	0	0	1	0	3



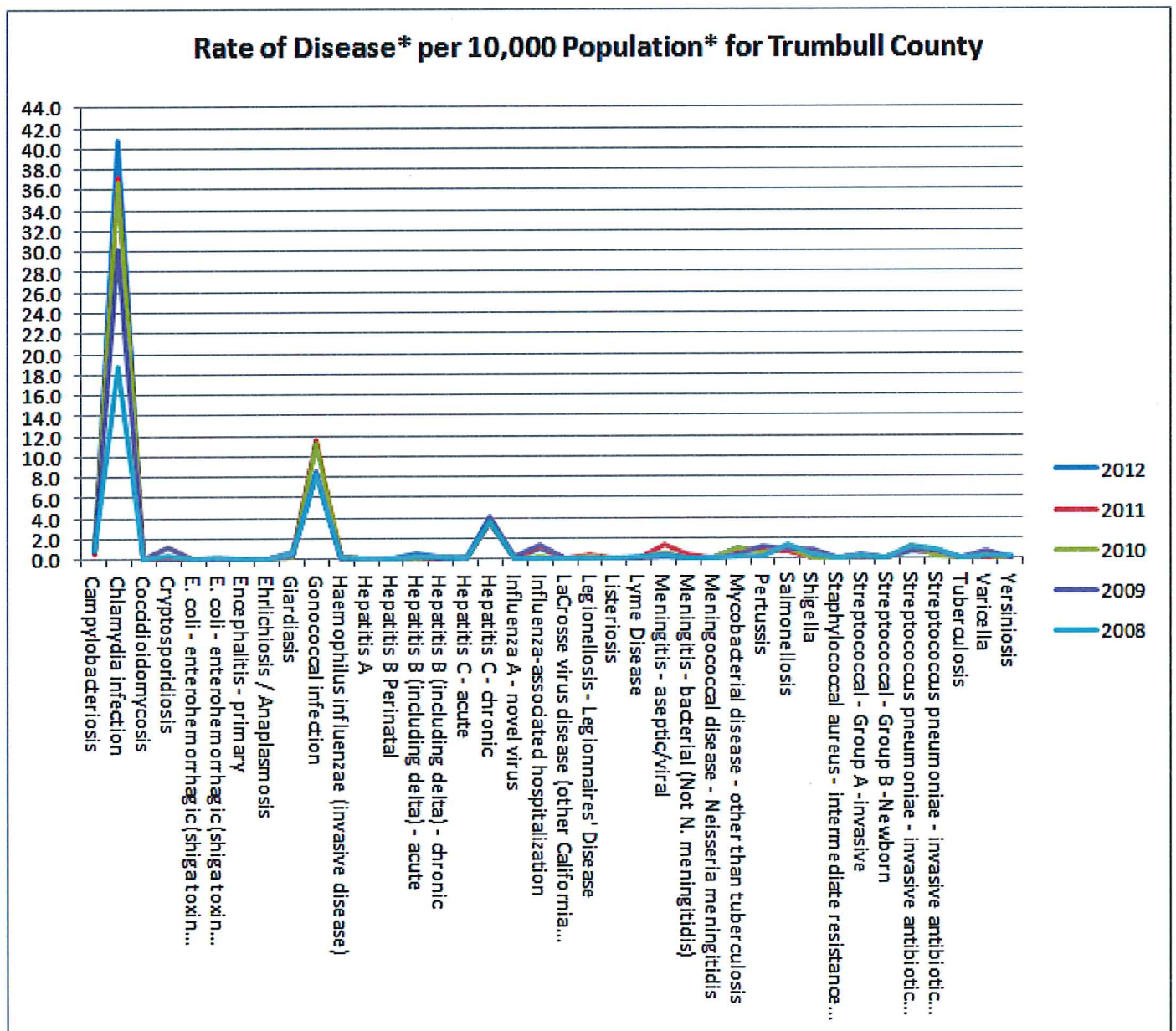
Submitted by: Sandy Swann R.N., B.S.N., Epidemiologist

There were 1604 Communicable Disease Cases reported to health departments in Trumbull County for year 2012.

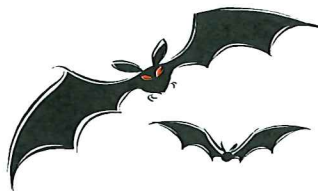
Of these cases, 1284 were classified as confirmed cases, 86 were classified as probable cases, 201 were classified as suspect cases and 33 were classified as not cases. These cases were investigated by the Nurses at the four Health Departments in Trumbull County. The distribution of these case investigations are as follows: Trumbull County General Health District—690 Cases; Girard City Health Department—68 Cases; Niles City Health Department—151 Cases; and Warren City Health Department—695 Cases.

- **Table I lists the Communicable Disease Cases classified as Confirmed for Trumbull County from 2008 to 2011.** These cases are classified as confirmed based on laboratory confirmation, meet the case clinical definition and/or are epidemiologically linked to a confirmed case. **The Line Graph below shows the rate of these cases per 10,000 population for Trumbull County.**
- There were **5712 Influenza Surveillance cases** reported to Trumbull County Health Department by schools, nursing homes, hospitals, labs and the city health districts. Of these cases, 5633 cases were reported as Influenza - like illnesses* and 79 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.



*Communicable diseases classified as Confirmed cases for Trumbull County jurisdiction.



RABIES PROGRAM



Submitted by: Sandy Swann R.N., B.S.N., Epidemiologist and Beverly Cope M.A.

In 2012 we processed 225 animal exposure events. Of these, there were 153 dog exposures; 50 cat exposures; 5 raccoon exposures; 11 bat exposures; 2 rat exposures; 1 fox exposure; 2 squirrel exposures; and 1 mole exposure. (See the Pie Chart)

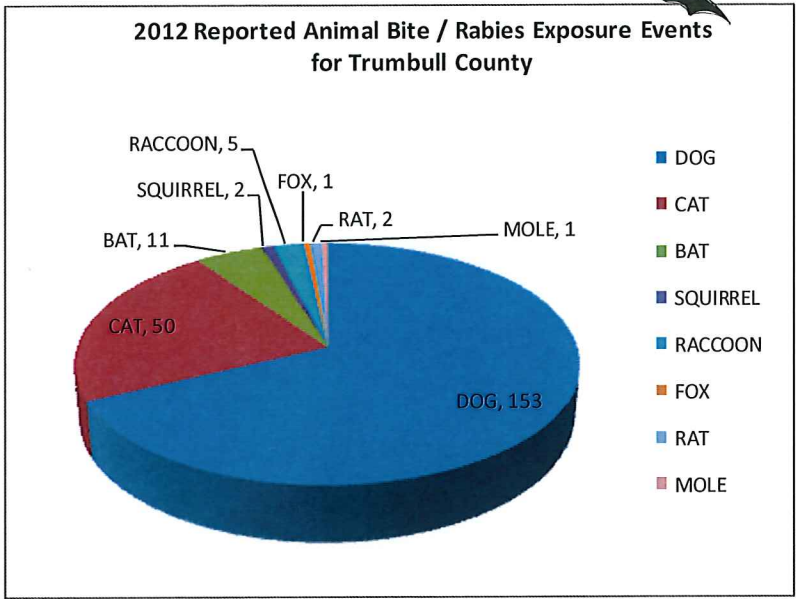
Trumbull County Health Department submits animals for rabies testing when there is human and/or animal contact. In 2012 there was 1 raccoon that tested positive for rabies that had exposure to a dog. The dog was placed in quarantine for 6 months because it was not up to date with its rabies vaccine. The dog was healthy and vaccinated for rabies at the end of the quarantine period.

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.

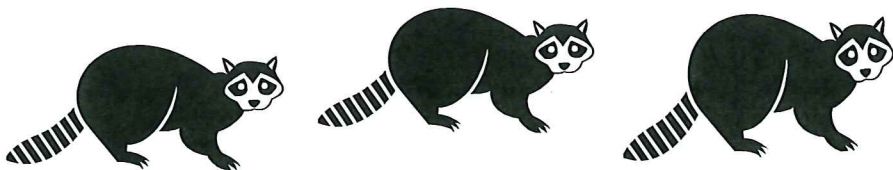
Every fall we participate with the ground Oral Rabies Vaccine (ORV) baiting which is a joint effort between the ODH and USDA Wildlife to control and maintain a barrier to prevent rabies from spreading westward. The Table to the right provides the numbers and location of distribution for the ORV baits for fall of 2012 as compared to 2011. The number of baits distributed in 2012 is about 1% less than what was distributed in 2011.

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 animal, 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:

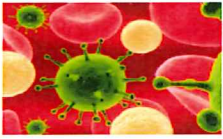
- * 1) Keep your dogs, cats and ferrets vaccinated for rabies, it's the law!
- * 2) Avoid contact with all wild animals and do not harbor wild animals. They can carry rabies and possibly other diseases.
- * 3) Do not approach or pet stray or unfamiliar domestic animals such as dogs and cats. Often times they will strike out by biting or scratching and possibly exposing you to rabies or other infections.
- * 4) If you do have an encounter or exposure to a wild or domestic animal, contact your local health department. Animals can be either quarantined or tested to determine their rabies status. This will avoid an unnecessary administration of PET.



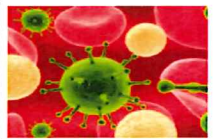
Oral Rabies Vaccine (ORV) Ground Baiting in Trumbull County		
AREA	# BAITS 2010	# BAITS 2011
Cortland City	630	675
McDonald	225	225
Newton Falls	360	360
Hubbard	540	540
Trumbull County General Health District Total	1755	1800
Warren 1	1035	1035
Warren 2	1125	1125
Warren City Health District Total	2160	2160
Niles City	1125	1125
Niles City Health District Total	1125	1125
Girard City	855	855
Girard City Health District Total	855	855
Total for all Health Districts	5895	6120



VACCINATE YOUR DOGS, CATS AND FERRETS FOR RABIES AND KEEP THEM CURRENT!



Trumbull County TB Control Program



Submitted by: Rande Shoenberger R.N.

On November 1, 2011, at the behest of the Trumbull County Commissioners, the Trumbull County Health Department became responsible for the Trumbull County TB Control Program. 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. These people could become infectious if their immune system is ever compromised. On the other hand persons who have TB *disease*, also known as active TB, are usually infectious and may spread the bacteria to other people.

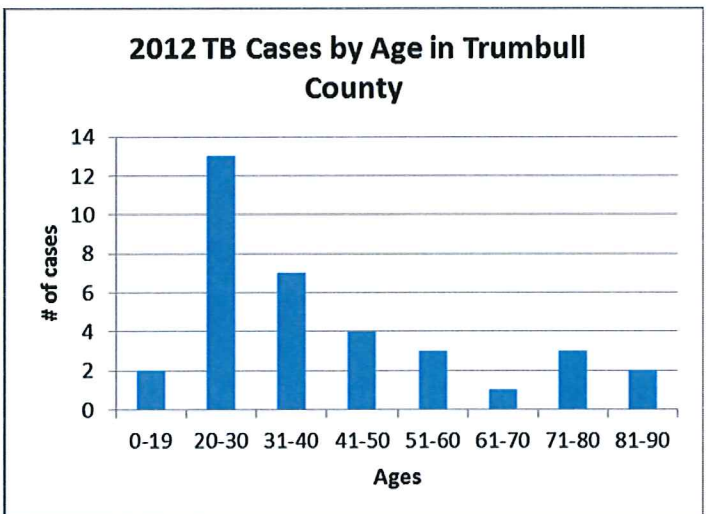
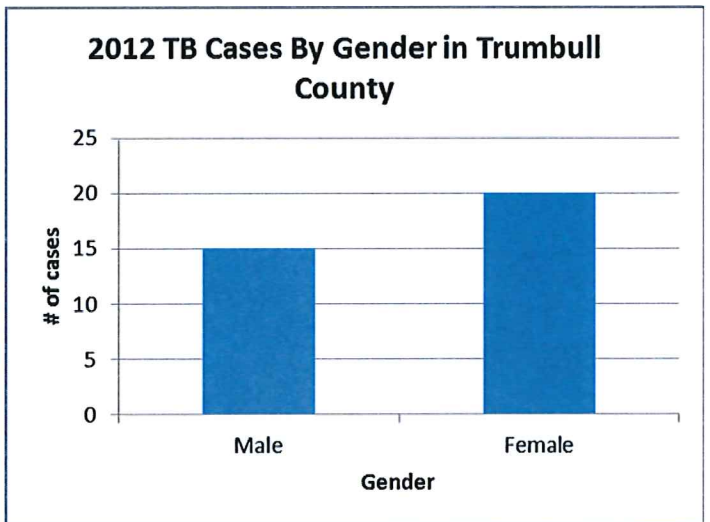
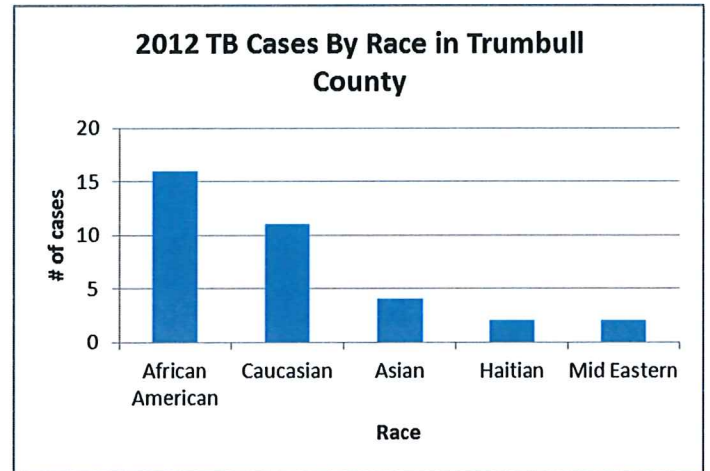
The program's goal is to prevent, control and eliminate tuberculosis. To accomplish this, the Trumbull County Health Department provides:

- TB Testing- Identification of clients with possible TB & move them toward evaluation & effective treatment.
- Medical treatment for active and latent TB.
- TB surveillance and reporting of active cases.
- Consultation to medical community.
- Community outreach and public education.

Historically Trumbull County has been a "low risk" county for active TB. Low risk counties have fewer than six active cases per year. Trumbull County averages one to two cases per year. There was one active case in Trumbull County in 2012. There has not been a drug-resistant case of TB in Trumbull County since 1998.

The Trumbull County Health Department provides TB mantoux tests (skin testing) during our regular adult immunization clinics. The diagnosis of latent tuberculosis infection has traditionally been based upon results of tuberculin skin testing. During the year 2012, 372 "one step" mantoux and 91 "two step" mantoux were complet-

The following graphs show the demographics of the population that was seen at the TB clinic - All but



TRUMBULL COUNTY HEALTH DEPARTMENT TB PROGRAM REPORT

	JAN	FEB	MAR	APR	MAY	JUNE	JULY	AUG	SEPT	OCT	NOV	DEC	TOTALS
MEDICAL CLINICS	1	2	2	2	1	2	2	1	2	1	0	1	17
Active clients seen	0	0	0	0	0	0	0	0	0	0	0	0	0
client- lab													
client CXR													
client meds													
sputum													
referred to other provider													
DOT (Direct Observation TX) visit										20	17	17	54
Latent clients seen	11	15	14	15	11	4	6	2	6	4	0	3	91
client- lab	10	9	11	14	8	4	5	2	6	1	0	3	73
client CXR	1	0	0	0	1	0	1	0	0	0	0	0	3
client meds	11	9	13	13	7	4	4	2	2	2	1	4	72
sputum	0	0	1	0	0	0	0	0	1	1	0	0	0
referred to other provider	0	0	1	0	0	0	0	0	0	0	1	0	2
PPD TEST CLINICS													
1 STEP COMPLETED/READ	29	26	50	20	22	45	25	57	26	23	20	29	372
2 STEPS COMPLETED/READ	7	4	11	5	8	15	10	10	6	11	1	3	91
Positive PPD	1	0	0	0	0	0	0	0	0	0	0	0	1
Employer/Group.	1	0	0	0	0	0	0	0	0	0	0	0	1
Referrals to TCHD TB	Ref WCHD												
Referrals to other provider	0	0	0	0	0	0	0	0	0	0	0	0	0
TB SURVEILLANCE & INVESTIGATION													
Active TB	0	0	0	0	1*	0	0	0	0	0	0	0	1
Contacts	0	0	0	0	0	0	0	0	0	0	0	0	0
Med Resistant TB	0	0	0	0	0	0	0	0	0	0	0	0	0
AFB	2	1	1	1	0	0	0	0	0	0	0	0	0
* 1 + TCI	Active TB inmate was transferred to Franklin County												

Trumbull County Child Fatality Review Board

2012 Annual Report

Submitted by: Rande Shoenberger R.N.

During the year of 2011, 23 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 meets on a quarterly basis.

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 3 member sub-committee met to gather data, review the deaths and select cases for full review by the full board. There were 23 deaths to children below the age of 18 years in Trumbull County during 2011. (23 cases were reviewed)



Meetings and activities attended:

Ohio Child Fatality Review New Board Chair/Coordinator Orientation

Ohio Infant Mortality Summit

"What Every Grandparent Should Know" a presentation given to seniors who care for their grandchildren

"Child Abuse and Neglect-Recognition and Reporting"

Community Campaigns:

"T-dap" for professionals delivered to OB/GYN and pediatrician offices

Safe Sleep posters delivered to OB/GYN, pediatrician offices and Safe Sleep signs on public transportation

Save-A-Life Smoke Alarm-"SALSA"

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 and Recovery Board

Robert Pinti

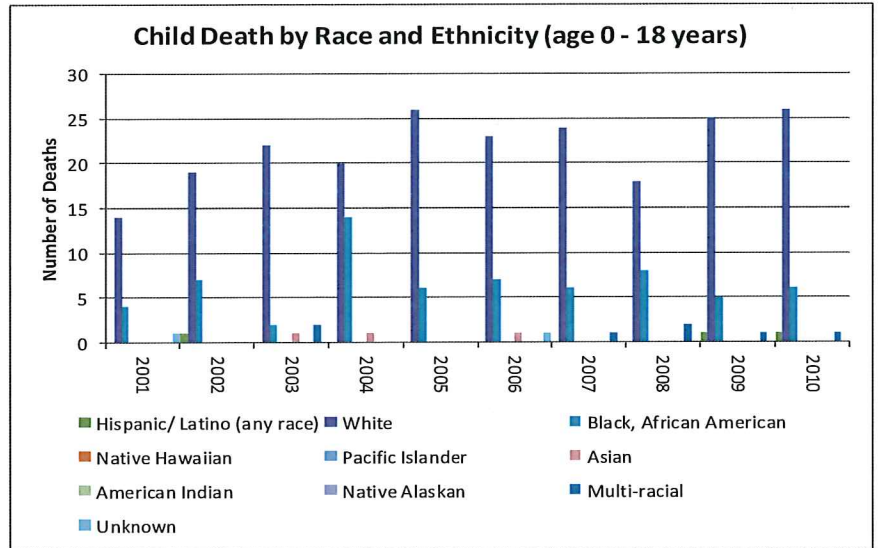
A Ten Year Look At Trumbull County Child Deaths

Submitted by: Sandy Swann R.N., B.S.N., Epidemiologist

Trumbull County is considered to have a low number of child related deaths as compared to other counties throughout the state of Ohio. Because these numbers are relatively low, a ten year look at child related deaths gives a better picture of disparities and causes of death. The number of child related deaths age 0 to 18 years for Trumbull County has remained relatively constant with a median of 31.5 child deaths occurring from 2001 thru 2010. The least number of deaths occurred in 2011 with 19 child deaths and the most being 35 child deaths in 2004.

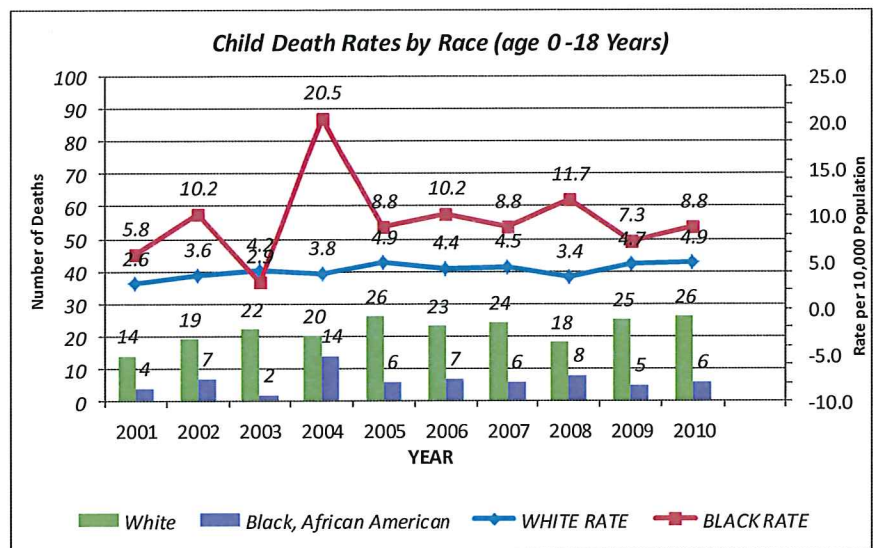
Race and ethnicity of child deaths in this age group (Figure 1) show the largest number of child deaths are white followed by black and very few other races. There were only two Hispanic / Latino child deaths during this 10 year period. However, a look at the rate of child death for each race (Figure 2) gives a better picture of the disparities between races. **Minority children are more than twice as likely to die as white children.** This seems to be the case when looking at race rate data for Trumbull County (Figure 2). Greater than

Figure 1



Ohio is 11th in the nation for overall infant mortality. Ohio is 5th in the nation for infant mortality racial disparity.

Figure 2



TURNING UP THE VOLUME ON INFANT MORTALITY

Sleep Related Deaths 0 to 5 Years of Age

Sleep related deaths accounted for 18% of all child related deaths in Trumbull County for 2001 - 2010. They are categorized into five causes: Sudden Infant Deaths Syndrome (SIDS); Asphyxia; Medical Condition; Undetermined; and All Other Causes. Asphyxia includes choking, suffocation or strangulation. A medical condition could be congenital or acquired after birth. Examples of "all other causes" are homicide, accident, and prematurity.

Race and ethnicity for sleep related deaths is represented only by white and black races (Figure 3) for Trumbull County during this time period. There were no sleep related deaths for other races. The number of sleep related deaths were higher for white children in this age group than black children, with the rate for both races relatively close. Except for years 2007 and 2008, racial disparity does not seem to be affected much by sleep related deaths during this ten year period.

Figure 4 shows the rate of sleep related deaths for all causes in Trumbull County. It climbed from 2001 to a peak of 4 deaths per 1000 live births in 2006. Although this graph shows that the number of SIDS cases are few for Trumbull County, it still accounts for 33% or one third of all the sleep related deaths. This fact along with other state data

Figure 3

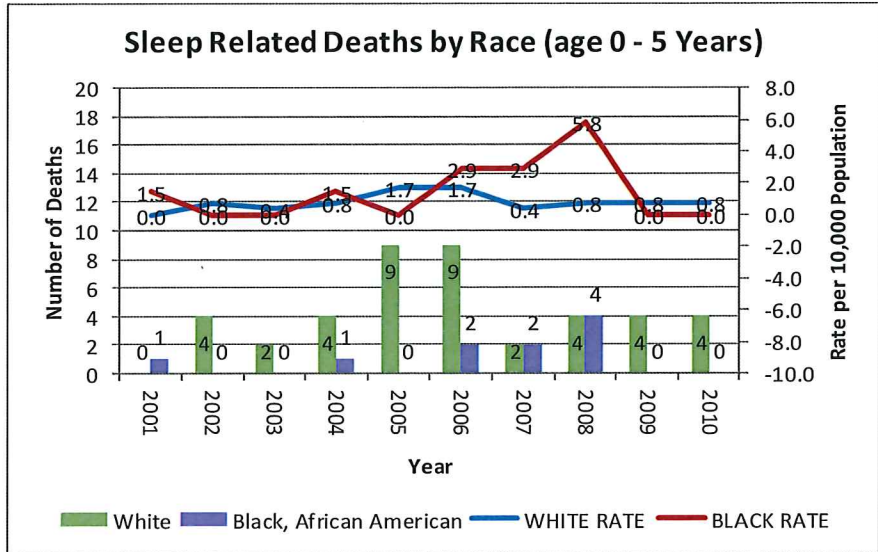
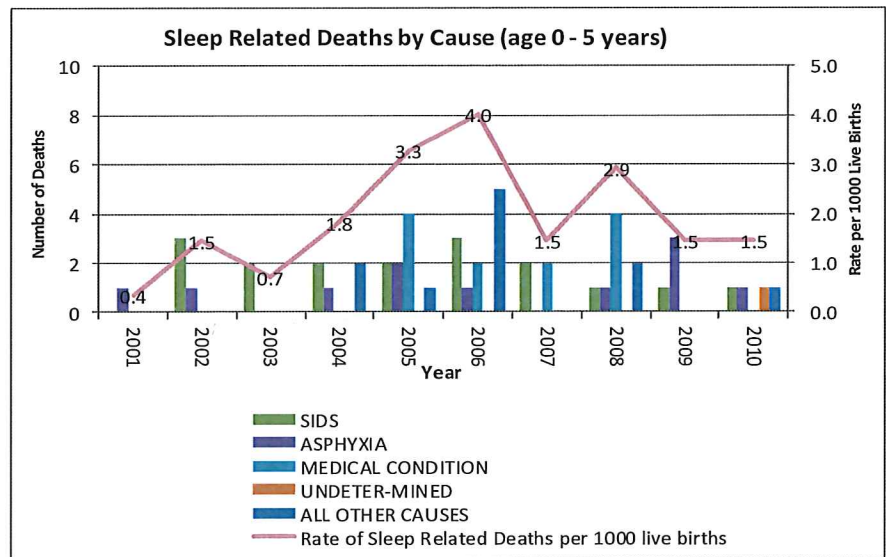


Figure 4



All Manner and Causes of Death 0 to 18 Years of Age

294 is the total number of child deaths from all causes for Trumbull County during 2001 - 2010. Ohio classifies these deaths into five major categories: Natural; Accident; Suicide; Homicide and Undetermined. There are several causes of death under each category. For example, Natural would include SIDs, prematurity, and death caused by a medical condition.

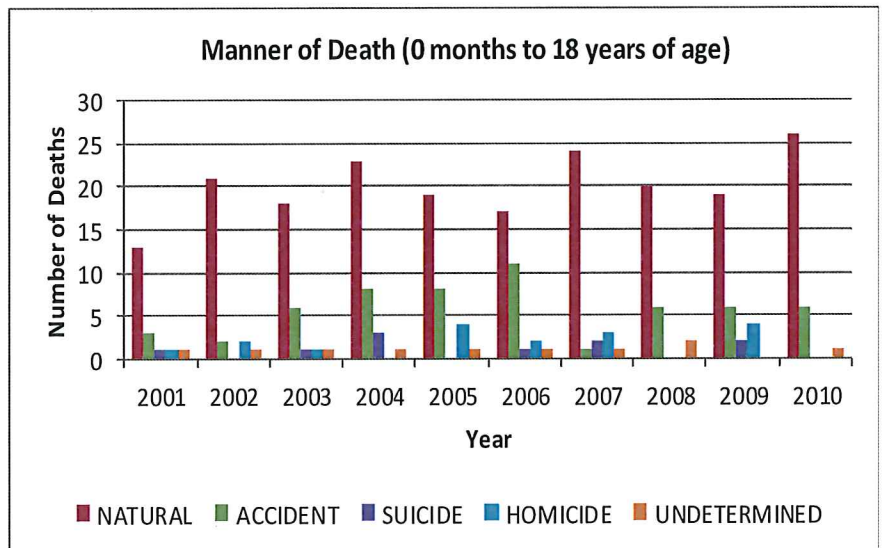
Prematurity is the leading cause of infant mortality in Ohio. This is evident for Trumbull County when looking at data for this ten year period (Figure 5.) Natural causes is more than twice as high as all other causes in all of the years for this ten year period. Prematurity accounts for the most number of deaths, at 30% or almost one third of all the deaths, within this category. It is followed by "other medical" at 18% and congenital anomalies at 15%. SIDs is 8% of all the deaths within this category.

Because prematurity is a major cause of death due to natural causes through out Ohio, there are initiatives to reduce this number. The "39 week gestation" project is one initiative that involves measures to avoid deliveries before 39 weeks. Other projects include family planning, better access to prenatal health care, medical intervention, and education.

The next highest cause of death for Trumbull County during this period is Accidents. Asphyxia and motor vehicle accidents accounted equally as the most number of deaths in this category at 23%; followed by fire at 18% and drowning at 14%. Figure 5 shows that accidents peaked in 2006 and declined significantly in 2007. During this time period, the Trumbull County CFR implemented initiatives to reduce accidents, such as Safety Town; pool safety messages; safe sleep and fire safety. The number of accidental deaths increased again in 2008 and remained constant through 2010. Therefore, these initiatives and new ones need to be continued to



Figure 5



* Comparative data was obtained from "2008 Healthy Ohio Community Profile" and "American Fact Finder".