

**Plumbing
Inspections**

**Health
Promotion**

**Bureau for Children with
Medical Handicaps
Program**

**Car Seat
Classes**



**Water
Samples**

Food Service Inspections

**2009
Annual Report**

**Trumbull County General
Health District
176 Chestnut Ave., N.E.
Warren, Ohio 44483
www.tcbh.org**

**Immunization
Clinics**

**Nuisance
Complaint
Investigations**

**Newborn
Home Visits**

Vision Statement

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

Mission Statement

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

- Nursing
- Environmental Health
- Health Promotion

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

Core Values

Excellence
Professionalism
Leadership
Integrity
Respect for all
Recognition of Cultural Diversity

2009 TRUMBULL COUNTY BOARD OF HEALTH

<u>Name</u>	<u>Address</u>	<u>Term Expires</u>
Dr. Pat DiTommaso	6265 Sodom Hutchings Rd., Liberty	March 2010
Donald Scott Thompson	724 Yankee Run Rd., Masury	March 2011
Robert Biery, Jr.	1750 Braceville Robinson Rd., Southington	March 2012
Denise Allen	3688 Nelson Mosier Rd., Leavittsburg	March 2013
William Hagood	99 S. Outer Dr., Vienna	March 2014

2009 TRUMBULL COUNTY DISTRICT ADVISORY COUNCIL

Fred Hanley	Chairman
Walt Emrick	Vice Chairman
Rebecca Whitman	Secretary

2009 TRUMBULL COUNTY HEALTH LICENSING COUNCIL

<u>Name & License Group Representation</u>	<u>Address</u>	<u>Term Expires</u>
Robert A. Rieke Recreational Parks/Camps	3959 St. Rt. 305, Southington	March 2010
Sheryl L. Albright Food Service Operations	6278 Chestnut Ridge Rd., Hubbard	March 2010
William Hagood Manufactured Home Parks	99 S. Outer Dr., Vienna	March 2011
Thomas Sutcliffe Swimming Pools	RDW Co., 6600 Seville Dr., Suite #1, Canfield	March 2011
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

176 Chestnut Avenue, N.E.
Warren, Ohio 44483

Phone: 330-675-2489

Fax: 330-675-2494

Email:
health@co.trumbull.oh.us

www.tcbh.org

How We Served You in 2009:

Immunization of Children & Adults
H1N1 Immunization Clinics
Blood Tests for Lead
Screening of Students for Vision & Hearing
Newborn Home Visits
Bureau of Children with Medical Handicaps
(BCM) Diagnostic Applications
Animal Bite Investigations
Animals Tested for Rabies
Car & Booster Seat Classes
Nuisance Complaint Investigations
Manufactured Home Park Inspections
Park/Campground Inspections
School Inspections
Public Swimming Pool Inspections
Water Sample Collection
Real Estate Evaluations
Food Service/Retail Food Establishment
Inspections
Plumbing Inspections

Trumbull County Health Department Personnel — 2009

Sharon Bednar, Secretary

Johnna Ben, Administrative Secretary

Nichole Brink, Service Coordinator

Jan Chickering, Medical Assistant

Beverly Cope, Medical Assistant

Richard Curl, R.S., Public Health Sanitarian

Daniel Dean, Network Computer
Systems/Data/Medical Coordinator

Rick Dezzi, S.I.T., Public Health
Sanitarian (*Laid off July 2009*)

James Enyeart, M.D., Health
Commissioner

Trudy Seymour-Evans, Project Director

Jennifer Francis, Service Coordinator

Kevin Francis, R.S., Public Health Sanitarian

Greg Hall, R.S., Public Health
Sanitarian

Rodney Hedge, R.S., Public Health Sanitarian

Catherine Lavernuick, Service Coordinator

Judith Roman, R.N., Clinic
Coordinator

Steven R. Kramer, R.S., Public Health
Sanitarian

Selene Layton, R.N., Director of Nursing

Natalie Markusic, R.S., Public Health
Sanitarian

Frank Migliozi, R.S., Director of Environmental Health

Mel Milliron, C.H.E.S., Health
Educator/Planner

Deborah Mokosh, R.N., Public Health
Nurse

Robert O'Connell, C.P.I., Plumbing Inspector

Sharon O'Donnell, Secretary

Julia Paolone, Secretary

Joseph Pink, R.S., Public Health Sanitarian

Lucinda Sentner, R.N., Public Health
Nurse

Elizabeth Shelar, Service Coordinator

Dianne Simon, R.S., Public Health Sanitarian

Randee Shoenberger, R.N., Public Health
Nurse

Rita Spahlinger, R.N., Public Health Nurse

Lisa Spelich, Food Protection
Secretary

Sandra Swann, B.S.N., R.N., Public Health
Nurse; Epidemiologist

Kris Wilster, R.S., Public Health Sanitarian

Financial

The Trumbull County Health Department is pleased to submit their 2009 Annual Report to the Trumbull County Health District Advisory Council at its annual meeting.

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 increase in revenue over the last year stems largely from additional funding through the Public Health Infrastructure grant. The Ohio Depart-

ment of Health awarded additional monies to local health departments to combat the H1N1 influenza threat.

The breakdown below for the Health Department's income and expenses for year 2009 is based upon figures reported to the Ohio Department of Health for the Annual Financial Report of Local Health Departments for Calendar Year 2009.

<u>2009 - Total Funds Available</u>	
\$4,557,128.08	
**2009 Carry Over Balance	540,355.61
Local Sources of Funds (<i>Inside Millage</i>)	425,735.07
Personal Health Services (<i>Nursing</i>)	524,183.47
Environmental Health Fees	2,179,454.58
Locally Funded Proj./Special Contracts - Health Promotion	8,869.36
Donations (<i>Car Seat Program</i>)	8,469.32
Miscellaneous (<i>Jury Reimb., Health Ins. Reimb., Telephone Reimb., etc.</i>)	40,049.89
State Subsidy	42,418.40
ODH State Funded Proj./Grants	787,592.38

<u>2009 Expenses</u>	
\$3,782,653.47	
*Personal Health (<i>Nursing</i>)	919,481.74
*Environmental Health	2,000,608.24
*Health Promotion	152,272.67
*General Administration	648,708.62
Laboratory/Clinical	0.00
Laboratory/Environmental	61,582.20
*These figures include salaries and fringe benefits.	
**Carry Over Balance includes grant monies and is included in the overall 2009 "Total Available Funds" figure listed above.	
Please Note: Environmental Health Expenditures include \$681,527.85 Fees Remitted to Ohio Department of Health & Ohio Environmental Protection Agency for Revenue Collected on Their Behalf.	

Health Department Employees as of 12/31/09

Administrative Staff	7 (1 Part-Time)
Health Educator	1
Medical Assistants	2
Sanitarians	*10
Plumbing Inspector	1
Nurses	**7
Service Coordinators (Help Me Grow Program)	4
Project Director (Help Me Grow Program)	1

*Includes Director of Environmental Health

**Includes Director of Nursing

Trumbull County General Health District

James J. Enyeart, M.D.
Health Commissioner

I am pleased to report that the health department remains on budget and making progress each year. We are proud of our many accomplishments and in turn have many people to thank. Some of these would be our county commissioners, the prosecutors office, the township association and its officers, the District Advisory Council, the licensing council, the sheriffs office, and of course the public.

Even more important though is the future of our county's health. Just last month the county health rankings report was published by the Robert Wood Johnson Foundation in conjunction with the University of Wisconsin. This report ranks each county in overall health for each of the fifty states. There are 88 counties in the state of Ohio. Unfortunately, the report indicates that our county still has a lot of work to do in order to attain a more satisfactory health ranking. Some areas in need of improvement are detailed below.

In **HEALTH OUTCOMES**, defined as morbidity (sickness) and mortality (death) our county ranks 66 out of the 88 counties. This places us in the bottom one third of all of the counties in the state. The deficiencies that cause or result in our rankings are referred to in the report as **HEALTH FACTORS**. There are four major categories of health factors: **environmental, social, clinical** and **behavioral**.

Our county's best marks come in the **environmental** and **behavioral** categories. This is gratifying to see because the health department has expended a great deal of effort in these areas over the past few years. Our staff promotes healthy eating through programs presented to target groups. Similar programs were developed to promote regular exercise and tobacco avoidance. Lastly, reducing unsanitary conditions within the county has also resulted in a healthier environment.

Unfortunately, these improvements account for only 40% of our overall county score. **Social, clinical** and **economic** factors account for the remaining 60% of our health score. Many of these factors are hard to change, as they require major changes in community infrastructure. Issues such as employment, education, household income, and social support all play a roll.

The **clinical** category includes both the quality of health care available to each individual and the individual's ability to **access** that care. Our elderly, the under insured, and the shortage of primary care providers are significant factors here. **Economic** factors often dictate access to care. The rate of teen pregnancy in our communities, and the prenatal care that the teen receives during her pregnancy often determine the health and well being of both mother and child. Other factors that negatively impact our score are **social** in nature. Things like tobacco use/abuse, drug abuse, poor nutrition and public safety issues are included here.

Violent crime, risky or careless behavior, depression, suicide, accidental injury, and death all add to a negative ranking. Unfortunately, these kinds of problems are all too common in our community. The health department, through Child Fatality Review, reviews many of these cases in an attempt to find ways to curb their occurrence. The "naked bed" program (no objects in the crib), "safety town" (safety education for preschoolers) and "help me grow" (early intervention in the home) are all programs managed by the Trumbull County Health Department.

We at the Trumbull County Health Department continue to work with our elected officials, community leaders, community agencies and community resources to promote public health whenever and wherever we can. We sincerely thank all of our partners as well as the community for their ongoing support and cooperation.

Frank Migliozi, R.S., Director of Environmental Health

ENVIRONMENTAL HEALTH DIVISION

In 2009, the focus of the environmental division was to continue its collaboration with other agencies to promote the health safety and welfare of the residents of Trumbull County. As Environmental Director, I was directly involved in working with the following agencies:

Trumbull County EMA—This agency hosts a committee known as the Weapons of mass Destruction (WMD). The WMD committee reviews the needs of all countywide agencies that may be involved in responding to emergencies or disasters and makes recommendation for grant applications to upgrade equipment and achieve interoperable communication.

Soil and Water Conservation District -This agency administers the Phase II Storm Water NPDES permit. The environmental division of the health district assists in meeting the requirements of the six control measures of permit, which includes education and enforcement.

Geauga-Trumbull Solid Waste District—This agency utilizes solid waste tipping fees to promote waste reduction and recycling programs, but it also developed a plan to employ individuals of the sheriff's department and the health district to deter and prevent littering and open dumping. The health district has worked in concert with Deputy Harold Firster of the Trumbull County Sheriff's Department to enforce the solid waste opening dumping and open burning laws.

Trumbull County Sanitary Engineer's Office—This agency has worked with the health district to determine which areas in the county that has surface water pollution should be sewered to abate this public health hazard. Once sewers are developed, the Board of Health is required by law to require property owners to abandon their septic system and connect to the sanitary sewer.

Trumbull County Planning Commission—This agency successfully obtained grants to improve housing blight "The Neighborhood Stabilization Grant" and to replace failing septic systems "ARRA/Stimulus Grant". Individuals of the environmental division of the health district worked countless hours to provide the necessary documentation to the planning commission. This included file review, letter writing and field inspections. As a result, many unfit homes will be demolished or rehabilitated and 25 failing septic systems were replaced.

Trumbull County Health District Nursing Division—In 2009, the health district was requested by the state department of health to hold mass flu clinics to administer the H1N1 vaccine. The environmental division of the health district provided assistance at the clinics for non-medical activities. In many instances, this meant working outdoors in cold temperatures to assist individuals unable to enter the building or in need of directions.

In addition to the above mentioned, there were two pieces of legislation in front of the state legislator in 2009 that the environmental division followed. First, was an act that repealed all provisions of Jarod's Law. Jarod's Law developed regulations for school districts to follow to provide for a safe and sanitary facility. With this repeal, health districts are only permitted to make recommendations to school districts regarding safety and sanitary issues.

Secondly, Senate Bills 100 and 110 were being considered. These bills deal with changes to state side septic regulations. The legislature is working on combing the bills so that a uniform set of regulations can be established. Since nothing was passed, the moratorium on changes was extended until June of 2010.

Finally, the struggling economy has affected the environmental division of the health district. With the number of new construction projects down, the amount of monies collected also decreased. As a result, the health district suffered a lay-off of a sanitarian in 2009. Work duties for the remaining sanitarians have increased and been re-issued.

Funding Program Options for Replacement of Failing Sewage Systems or Sewer Connections

Link Deposit Fund Loan Program

The Link Deposit Fund is a low interest loan program set up by the Ohio EPA, which is available at 3 local area banks—Cortland Bank, Farmer’s National Bank & Key Bank). This program provides low interest loans to citizens of Trumbull County who have been ordered by the Trumbull County Health Department to replace their failing sewage system or connect to an available sanitary sewer line. The homeowner/applicant must submit a written letter of interest to the health department along with detailed information from their tank installer or drain layer. Details are provided to homeowners when preliminary specifications for septic systems are issued or when sewer connection notices are sent.

Stimulus Grant

Funds were made available through the Ohio Department of Health in 2009 to help with replacement costs for failing sewage systems.

The Trumbull County Planning commissioner applied for the grant, although they had much help of county agencies, including the Trumbull County Commissioners and Trumbull County Health Department. Trumbull County received enough funding to help 17 homeowner owners replace their failing sewage systems. Recipients had to meet specific income qualifications to be eligible. The first round of installations had to be completed by October 31, 2009. When additional funding was made available from the state, Trumbull County applied once more and is in the process of helping another 8 homeowner replace their failing sewage systems.

SWIF—Surface Water Improvement Fund Grant

The Trumbull County Planning Commission applied for this new grant, which specifically targets current on-lot sewage systems in the Mahoning River Watershed. The health department has seven properties that met the specific requirements of this grant. Trumbull County has not yet received notice of award for this funding.

Trumbull County Residents are encouraged to avail themselves of these programs. The Trumbull County Health Department will continue their efforts in searching for more funding assistance for residents of Trumbull County. For more information, please contact the office or visit our website.

Environmental Programs:

- Household Sewage Treatment System
- Operation & Maintenance Inspections
- Real Estate Evaluations
- Plumbing
- Nuisance Abatement
- Solid Waste Investigation
- Tattoo & Body Piercing
- Semi-Public Sewage Treatment Systems (H.B. 110)
- Food Service
- School Inspections
- Manufactured Home Parks
- Recreational Parks/Camps
- Public Swimming Pools
- Private Water Systems
- Smoke Free Workplace

Operation & Maintenance Program for Home Sewage Treatment Systems

Greg Hall, S.I.T. & Kris Wilster, S.I.T.—Inspectors

The 2009 Operation & Maintenance Program was run by Greg Hall, R.S. & Kris Wilster, R.S. This program is designed to protect water resources essential to the health of Trumbull County residents by eliminating pollution and the spread of disease caused by sewage. This program is crucial to assuring that septic systems are functioning properly.

While inspecting Levels 2-5 Household Sewage Treatment Systems, the sanitarians educated and continue to educate all interested homeowners in the proper use and operation of their septic system. Many homeowners appreciate this since there is misinformation from uniformed sources.

Approximately 150 Level 2 on-lot sewage systems were inspected in 2009. This inspection entailed a visual inspection of the trash trap, aerator, splitter box, and obtaining a sample for a Bio-Oxygen Demand/ Total Suspended Solids (BOD/TSS) test.

Approximately 1,600 Level 3 off-lot sewage systems were inspected in 2009. This involves visually inspecting the trash trap, aerator, dosing tank and sand filter (if applicable), chlorinator, dechlorinator and ultraviolet system. A sample is obtained for a BOD/TSS and Fecal Coliform test.

Approximately 143 Level 4 sewage systems were inspected in 2009. This inspection involves a visual inspection of the trash trap, aerator, dosing tank, sand filter and ultraviolet disinfection with reaeration. Two Hanna Dissolved Oxygen meters were purchased to perform Dissolve Oxygen (D.O.) tests in the field. A sample was obtained for BOD/TSS, Ammonia and Fecal Coliform tests.

Approximately 90 level 5 sewage systems were inspected. These are the sewage systems that have been inspected and found to be failing, but are slated for sanitary sewers in the near future. These sewage systems, instead of being required to installed a new sewage system, are instead required to have a “temporary fix” placed on the system to abate the nuisance until the sanitary sewer becomes accessible. The inspection on these systems entails visual inspection of the trash trap, effluent filter and aerator (if applicable), chlorinator and reviewing for a current tank pumping receipt.

In conclusion, by ensuring that septic systems are performing as designed, the preservation of surface and ground waters are improved. By reducing waterborne diseases, it benefits everyone and makes for a safer environment for all citizens of Trumbull County.

Plumbing— Robert O’Connell, C.P.I., Certified Plumbing Inspector

Construction in Trumbull County did not improve in 2009. The number of permits being issued has again decreased. The school construction projects in Hubbard, Girard, Brookfield and Southing were the bright spots of 2009.

Sewer connection projects increased during 2009. Projects in Brookfield, Liberty, Newton Falls, Lordstown and Champion are ongoing. Several other projects are set to begin in 2010.

Inspections of home sets in manufactured home parks have changed. Inspection authority has changed from the Ohio Department of Health to the Ohio Manufactured Home Commission (OMHC). The Trumbull County Health Department entered into an agreement with OMHC to continue inspection of these units.

Food Service Operation & Retail Food Establishment Program - Dianne Simon, R.S. & Kevin Francis, R.S.

The general guidelines for food safety remain the same. Four main guidelines should be followed to prevent foodborne illness. They include:

Clean—Wash hands & surfaces often. Wash hands with warm soapy water for 20 seconds before & after handling food. Wash fruits and vegetables with cold water before using. There is no need to wash or rinse meat or poultry.

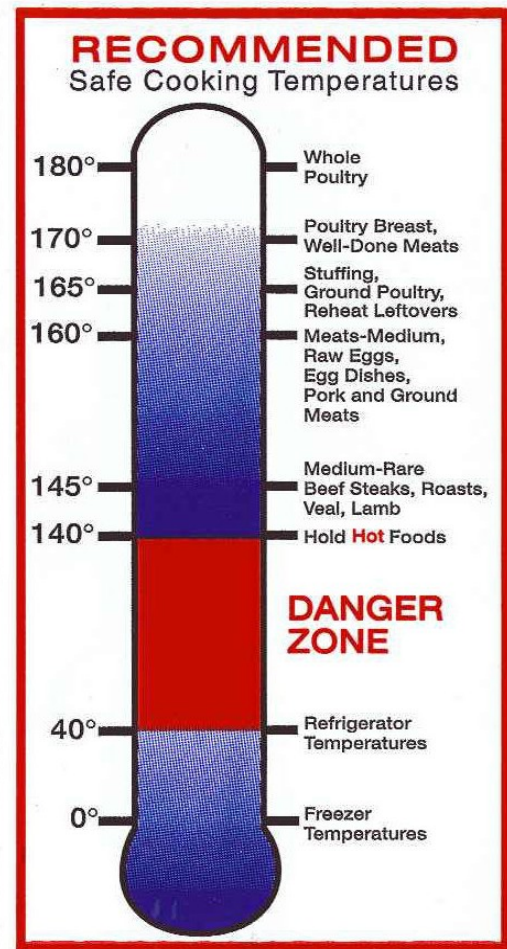
Separate—Do not cross-contaminate. Separate raw, cooked & ready-to-eat foods. Never place cooked food on a plate which previously held raw meat, poultry or seafood.

Cook—Cook food to proper temperatures to be sure bacteria and pathogens are destroyed. Use a food thermometer to be sure.

Chill—Refrigerate promptly. Refrigerate or freeze perishables, prepared foods, and leftovers within 2 hours or sooner.

Consumers with food safety questions can phone the toll free USDA meat and poultry hotline at 1-888-MPHOTLINE

From 10:00 A.M. to 4:00 P.M.
Monday—Friday



"Cook food to proper temperatures to be sure bacteria and pathogens are destroyed."

Solid Waste and Construction & Demolition Debris Programs

The Trumbull County Health Department receives funding from the Geauga Trumbull Solid Waste Management District (GTSWMD) to provide various enforcement activities, which include investigation of complaints of open dumping and inspection of solid waste facilities. The GTSWMD sponsors recycling collection events throughout the year. Trumbull County has 30 recycle drop-off sites. These locations can be found at www.startrecycling.com.

The Trumbull County Health Department, in collaboration with the GTSWMD and the Trumbull County Sheriff's Department, investigated solid waste and open dumping complaints. The sheriff's department designated a deputy from their department to be an enforcement officer who works closely with our inspector to increase compliance and reduce the amount of cases going to the court system.

The Trumbull County General Health District also has one construction & demolition debris landfill licensed in Trumbull County. Weekly inspections of this site are conducted to verify compliance with their records/manifests, nature of material, unloading zone, driveway to landfill, rotor dump site, leachate ground water densities, seed pond, natural waterways and outer boundaries of the facility.

Semi-Public Sewage Treatment System Program (H.B. 110) - Richard Curl, R.S.

The H.B. 110 or Semi-Public Sewage Treatment System Program provides for inspection, operation assistance and oversight of wastewater systems other than 1, 2 or 3 family homes. These typically are systems serving small businesses, churches, schools and private clubs or organizations. An agreement with the Ohio Environment Protection Agency (Ohio EPA) allows our health department to conduct the required annual inspections of these systems. Ohio EPA continues to inspect systems that are not working properly, specify the type

of repairs, upgrades or replacements where needed and provides enforcement for the most severe problem systems.

The systems inspected cover a wide spectrum. The simplest are the privy vaults utilized in Amish school house privies and some of our township parks and can increase in complexity to engineered designs that provide for multi-step treatment systems with computerized controls. In all systems, the quality of maintenance and proper operation noticeably improves once the systems are registered and inspected on a regular

interval. Typically, most improvement occurs through educating the operators or owners of the system and rarely are enforcement steps required.

Nationally the implementation of the National Pollutant Discharge Elimination System (NPDES) standards has caused business owners/operators with discharging sewage systems to greatly increase the quality and oversight of discharged from their properties. The effect has been a greatly noticeable improvement in the water quality in our road ditches, streams and other waterways.

Licenses, Permits & Registrations

	<u>2009</u>	<u>2008</u>	<u>2007</u>	<u>2006</u>	<u>2005</u>
Master Plumbers.....	88	94	101	102	107
Journeyman Plumbers.....	41	47	48	43	47
Sewage System Installers.....	55	61	63	70	68
Sanitary Servicemen.....	23	24	24	26	26
Garbage & Refuse Haulers.....	19	18	18	20	19
Water Haulers.....	4	4	3	3	2
Tattoo/Body Piercing Establishments.....	8	8	7	5	4
Tattoo/Body Piercing Artists.....	23	23	25	16	13
Service Providers.....		14	14	12	14
Food Service Operations/Retail Food Establishments.....	551	626	623	632	637
Mobile Units.....	96	86	89	86	76
Vending Machines.....	128	134	143	156	166
Plumbing Permits (196 Residential-66 Commercial).....	262	333	395	506	504
Sewage System Permits..... <i>Off-Lots 196; On-Lots 50; Mounds 10; Drip Systems 2; Temporary Fix 31</i>	289	323	121	903	600
Preliminary Evaluations.....	261	364	349	759	678
Private Water Systems (Wells/Sealing).....	64/26	85/23	112/33	112/10	173/6
Manufactured Home Parks.....	33	33	33	33	33
Recreational Parks/Camps.....	14	14	15	15	15
Swimming Pools.....	48	48	47	43	38
Semi-Public Disposal Systems.....	724	742	739	734	734
Real Estate Sewage Inspections.....	330	656	507	395	518
Permit to Operate (O&M).....	2,651	2,475	2,049	1,914	963



NURSING DIVISION

Selene Layton, BA, RNC, Director of Nursing

Our nursing staff includes 7 Registered Nurses, 2 Medical Assistants, a Help Me Grow Program Coordinator and 4 Family Service Educators. If you look at the department as a whole, we are a diverse group with many differences. We are young and old, we are married and single, some of us have children some do not. Our educational backgrounds are equally diverse; some staff are in the medical field, some have social work degrees, some have early childhood and educational degrees, some have clerical or associate degrees. Although we are a group that may seem to have a lot of differences, we share one big commonality and that is our desire to work in a field that offers services to anyone in need.

The biggest challenge in 2009 was the emergency of H1N1. Although we had been planning for just such an event for several years, the time and effort it took to carry out the plans was intense and at times overwhelming. Nevertheless, the staff in the nursing department accepted the challenge, made plans, changed them when they did not work and successfully immunized over 13,000 residents in 53 schools, 3 TCBD workshops, TCAAP Health Staff, and 6 community based clinics. The nursing department staff pulled together and worked as a team until the job was done. I believe that this effort speaks for public health and public health nursing; the attitude that this was a job that had to be done and we just had to find a way to do it was what emerged during this period of time and I am proud to be a part of the nursing division that took their responsibilities seriously and carried out this education and immunization campaign in a professional manner.

H1N1 is only a small part of what public health nurses and staff do everyday; they wear a variety of hats as they attempt to provide comprehensive, preventative health care to the residents of this county. The pages that follow provide a more in depth explanation of programs and accomplishments of the nursing department. It is my hope that this report gives the reader a clearer picture of "Public Health Nursing", as well as the dedication of the Trumbull County Health Department nursing staff and their commitment to the health and wellbeing of the residents of this community.

—Selene Layton, BA, RNC, Nursing Director

The nursing division of the Trumbull County Health Department is committed to providing comprehensive, preventative health care to the residents of Trumbull County. The programs listed on the following pages are examples of our attempt to meet the needs of the community.

Child & Family Health Services

Immunizations

Help Me Grow Services

Bureau of Children with Medical Handicaps

Trumbull County Child Fatality Review Board

Newborn Screenings

Emergency Preparedness

Car Seat Program

Rabies Investigation

Communicable Disease Investigation

Medical Reserve Corp

Cultural Competency

The Department of Health and Human Services' Office of Minority Health issued national standards that respond to the need to ensure that all people entering any health care system receive equitable and effective treatment in a culturally and linguistically appropriate manner. The nursing department utilizes the CLAS (Cultural and Linguistically Appropriate Services) Standards to help us address the needs of all of the population in the county in a culturally appropriate manner. 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 assistance.
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.

Child & Family Health Services



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

The Ohio Department of Health funds this program as a means to assess the health status of the community through the identification of health needs, service gaps, and barriers to care, and then to plan programs and services to meet those needs.

The direction of this grant changed from providing direct health care services to providing population based services. As a result, the Trumbull County Health Department no longer provides prenatal or children's clinics. Initiatives that we have undertaken through this program are outlined in this annual report.

Community Assessment

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

In 2008 a community survey was created by the committee and distributed to approximately 5,000 residents. In 2009 the survey results were compiled and analyzed by our Epidemiologist and a report was completed. A copy of the findings is included in this year's annual report. This data will be used to plan future programs to meet the needs in Trumbull County. Community assessment is an ongoing process and we welcome any member of the community to join us and provide input.

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

Submitted by: Rita Spahlinger, RN

The major component of this program is education. The health department took a lead role in establishing the Lead Task Force Lead which is a collaboration of agencies working to increase education about lead poisoning in Trumbull County. We partner with WIC, private offices, and the Ohio Department of Health (ODH) to provide follow up and case management of children with elevated lead levels.

The Lead Coordinator provided case management for two families whose children were found to have elevated lead levels in 2009. In 2009 the health department lead task force joined with the Regional Lead Healthy Homes Initiative, which has members from Trumbull, Mahoning, Columbiana, and other surrounding counties.

Preschool Childhood Obesity Prevention Program

Submitted by: Judi Roman, RN & Jan Chickering, MA

The goal of this program is to introduce young children to the idea that eating healthy can taste good and doing physical activity can be fun. Staff provide six weekly sessions at area daycares/preschools. Each session focuses on something different such as: Go/Slow Foods, Fruit/Veggie Game and Snack, Fitness Fun, Fat Presentation, Happy Heart, Sugar Presentation. Information about each session is sent home with the children so parents can follow through at home. Staff provided sessions at four preschools in 2009.

Folic Acid Education

This program aims to educate all women of childbearing age on the importance of an adequate intake of folic acid. In addition to community based education, the staff provided folic acid information to the 171 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. According to Ohio Department of Health Vital Statistics, congenital malformations was the number two cause of infant deaths in Trumbull County in 2007 (most recent data available.)

Pregnancy Screening

Trumbull County Health Department is a site that provides screening for pregnancy. We use urine pregnancy tests and request a \$5 donation for the testing. No one is denied this service if they are unable to pay. This program is sponsored by the Ohio Department of Health Child and Family Health Service program.

All women who are screened are given folic acid information. Women who have a positive test are given referral information and educated about healthy pregnancy habits such as keeping physician appointments, taking vitamins, healthy diet, and not smoking. Assistance is provided for application to Healthy Start, Help Me Grow and the WIC program.

In 2009, the Trumbull County Health Department provided 171 pregnancy tests. Of these, 90 were positive & 81 were negative.



Immunizations

Submitted by: Rita Spahlinger, RN



Childhood Immunization Program

The primary objective of this program is to increase age appropriate immunization levels in children under two years of age. The Ohio Department of Health (Immunization Action Plan) funds a portion of this program. The aim of this program is to provide service delivery, information and education, and assessment.

There are 10 clinic sites located around Trumbull County. 74% of the clients who attended our clinics in 2009 were up to date on their immunizations by 2 years of age (increased from 63% in 2008). The definition of up to date has been changed to include 4 Dtap, 3 Polio, 3 Hepatitis B, 1 MMR and 1 Varicella. 897 children were immunized at the health department clinics in 2009.

Adult Immunization Clinics

Adult immunization services are offered monthly at the health department for any adult in Trumbull County. Vaccines available are Td (tetanus/diphtheria) Tdap (tetanus, diphtheria, pertussis), MMR (measles, mumps, and rubella), Varicella (chicken pox) and Hepatitis B. We provided immunizations for 494 adults in 2009.

Influenza

Public Health Nurses administered 500 flu shots at the health department. These shots were administered during the months of October, December, and January to residents of all ages.

In addition, a campaign to educate the community and immunize them with H1N1 vaccine was a major undertaking for the nursing division in 2009. Before vaccine was available we provided pre-schools, schools, colleges and businesses with H1N1 preparedness toolkits. We met with our community partners in order to update them on H1N1 activities and to make plans for upcoming activities. Prevention information was developed and placed on our website, at the TVs at the Eastwood Mall and on billboards around the county.

We provided H1N1 vaccine at all of the schools in Trumbull County. In addition, we provided vaccine at six community based H1N1 clinics. Approximately 13,000 children and adults were immunized with H1N1 vaccine. The completion of this task took collaboration between both the nursing and environmental staff at the health department, as well as assistance from the school nurses and administrators and our Medical Reserve Corp volunteers.

BCM^H

Bureau for Children with Medical Handicaps

Submitted by: Randee Shoenberger, RN - Judi Roman, RN - Debbie Mokosh, RN

The mission of the Bureau for Children with Medical Handicaps (BCM^H) is to assist families of children with special health care needs. BCM^H is a state-administered program within the Ohio Department of Health. The Bureau promotes early identification of children with handicapping conditions and treatment of these children by appropriate providers. Public Health Nurses assist clients to obtain optimum available services.

There were 158 active BCM^H clients. Nurses completed 21 home visits with BCM^H clients in 2009.

HELP ME GROW (HMG)

Project Coordinator: Trudy Seymour-Evans, LSW, MS Ed.



Help Me Grow provides services to pregnant women & children in the first three years of life. The program includes home visits & child development screening. The program is funded through the Ohio Department of Health & is administered through the Trumbull County Family & Children First Council. Due to changes in funding the HMG program has relocated & is now housed at the Trumbull County Health Department. Services the Trumbull County Health Department provides are:

Service Coordination

Nikki Brink, BS- Jennifer Francis, AAS-Cathy Lavernuick, LSW- Debbie Mokosh, RN- Beth Shelar, AS-Randee Shoenberger, RN

The Trumbull County Health Department employs four full time Service Coordinators and two Public Health Nurses to provide service coordination for the children and families of Trumbull County who qualify for HMG services. HMG Service Coordinators answer questions about your child's growth and development. They work with your family to determine your needs. Help Me Grow will make sure your child receives proper medical care and access to community services. The program collaborates with developmental specialist to help identify the child's needs now and in the future. There were over five hundred children served in 2009. Forty percent or approximately 200 of these children were served by the Trumbull County Health Department.

Public Health Nurses (PHN)

Debbie Mokosh, RN- Judi Roman, RN-Randee Shoenberger, RN

Public Health Nurses provide a home visit to children eligible for Part C services through HMG due to a diagnosed physical or mental condition identified by the Ohio Department of Health as having a high probability of resulting in a developmental delay. The nurse completes a comprehensive assessment of the child and refers the family to BCMH or other resources as necessary. The PHN consultation is used as an assessment for program planning by the Service Coordinator.

Help Me Grow and the Trumbull County Health Department make a collaborative effort to work with other agencies and programs to service the children and families of Trumbull County to the best possible extent.

Ohio Children's Trust Fund

The Trumbull County Health Department was awarded a grant through the Family and Children First Council to provide home visiting to qualified families. Three Public Health Nurses, Debbie Mokosh, Judi Roman and Randee Shoenberger are responsible to provide developmental home visits using the Parents As Teachers Curriculum. They provide ongoing developmental screenings and refer families to community resources. In addition to the home visits, the staff provides parent/child groups. The first session was in collaboration with the Warren/Trumbull Library and was focused on "Every Child Ready to Read", the next session is in collaboration with OSU Extension and is a food series utilizing the "MyPyramid" concept. The final series will focus on safety. The benefit of groups is providing social opportunities both for the children and their parents. It allows time for children to interact with their peers and for parents to talk with each other about concerns, as well as celebrations.

THE TRUMBULL COUNTY CHILD FATALITY REVIEW BOARD

Submitted by: Judi Roman, RN and
Rande Shoenberger, RN

Activities of the Child Fatality Review Board during 2009 included reviews of the deaths that occurred in 2008 to children residing in Trumbull County who were under the age of 18 years. The Board met quarterly to review selected individual deaths. A five member subcommittee met monthly to gather data, review the deaths and select cases for full review by the full Board.

There were 28 deaths to children below the age of 18 years in Trumbull County during 2008. A total of 23 deaths were considered natural (from disease process, congenital anomalies or prematurity). During the year 2008, six of these natural deaths were due to premature births. Ten cases were coroner's cases. There were two deaths due to probable positional asphyxia, one probable SIDS and one drowning. Due to the number of premature deaths still remaining approximately a third of the total of nature deaths, the committee recommended that we continue to study the occurrence of premature deaths and how it may relate to mom's prenatal history. Letters were sent to the mother's obstetrician requesting more detail of the prenatal history. The physicians were very quick to respond to the CFR committee's request.

Summary of Children's Deaths
Occurring in 2008
(Reviewed in 2009)

**Total # of Deaths to Children under the Age of
18 Years in Trumbull County = 28**

Coroner's Cases = 10

During the summer of 2009, we conducted our very first "Safety Town" event. The event took place at Willard Elementary School in Warren, Ohio, and lasted four days. Many different organizations and volunteers joined in the successful event. The focus was on addressing the many safety topics that children may encounter and how to respond in the event of such a threat. We had speakers from the local fire department, sheriff's office, Safe Kids Coalition, and local news stations just to name a few. Some of the topics discussed were fire safety, finger printing and stranger danger, pet awareness/safety, water safety, bus safety and bicycle safety. Bazetta Township Fire Department lent a portable safety town village that the children were able to enjoy, as well as practice some of the skills which were being taught during this week.



Thank you for being a sponsor of our first

Safety Town

Willard School Kindergartners

Trumbull County Safety Town Planning Committee



Some of our activities for the year 2009 were as follows:

- Flyers for pet awareness that were handed out at clinics and placed in the packets for new born home visits. We also paid for TV screens at our local mall which promoted animal safety awareness. (Our county had a death of a newborn by a family pet which mauled the baby.)

KIDS AND DOG SAFETY

Children should never:

- *Go up to a dog with food, treats, bones, toys or puppies*
- *Go up to a dog that looks sick, injured, or angry*
- *Run if a dog is chasing you-- Stand still, eyes and head down, arms at sides, hands clasped in front*



**Trumbull County Health
Department
176 Chestnut Ave NE
Warren, Ohio 44483
(330) 675-2590**

- We did a promotion at the mall regarding “Naked Bed”. Promoting placing your infant in a safe sleeping environment.
- Presentations were given to the local service clubs informing them of our plans to conduct Safety Town and ask for donations.
- Another campaign was held at our local mall regarding vaccine preventable disease awareness and encouraging parents to ensure that their children were up to date with their vaccines.

Next Years Initiatives:

- One initiative that our committee will be pursuing in the next year is to visit our local hospitals’ personnel who are responsible for gathering the information for the birth and death certificates and explain the importance of accurate information and how it impacts the child death review case reporting system.
- Revisit fire safety and carbon monoxide poisoning campaign.

NAKED BED

Mommy place me in a
NAKED BED

With nothing at my feet or my
head

If I should cry for just a minute

You know I’m safe—

There’s only ME in it



Trumbull County Health Department

BIO-TERRORISM/EMERGENCY PREPAREDNESS

We have created a consortium of 26 agencies in the county who meet on a regular basis and are working on coordinated planning that we would all follow in case of a bio-terrorism or other large public health event. This committee has been working diligently and testing our planning efforts throughout the year.

In April we participated in the Local Emergency Planning Committee (LEPC) tabletop exercise and in June the Nursing Director and Epidemiologist participated in Humility of Mary Health Partners' tabletop exercise for long term care facilities. All four health department in Trumbull County exercised our Continuity of Operation Plans in July.

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 July the Nursing Director and Epidemiologist attended a three day training to help us learn how to better plan and evaluate our exercises.

Although communicable disease investigation has always been a health department core function, we have put new emphasis on early recognition and investigation of possible outbreaks; we have Sandy Swann, a Public Health Nurse, who is specially trained in epidemiology and works closely with the other health departments, physicians, and hospitals to do surveillance and track trends in diseases.



Medical Reserve Corp (MRC)

Submitted by: Lucinda Sentner, RN

The Trumbull County Medical Reserve Corps operates out of the Trumbull County Health Department. 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 in to a state wide data base 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 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. So far, 15 medical and 6 non-medical have a background check and photo identification badge.

At present, there are 99 volunteers with a nursing background, 9 with a counseling background, 4 veterinarians, 3 veterinarian technicians, 1 dentist, 2 dental assistants, 11 physicians, 7 EMS and 5 K-9 trained volunteers. Information and training to become a MRC volunteer can be accessed through the Trumbull County Health Department by calling (330) 675-2590, line 3.

MRC activities for 2009:

- * 7 volunteers helped to prepare for the Volunteer Recognition Banquet.
- * 18 volunteers attended the Volunteer Recognition Banquet held at the Niles Wellness Center and catered by Ciminero's. The volunteers received a Certificate of Participation, t-shirts and "Go Bags". A message was given supporting Public Health Initiatives and review of H1N1 was also presented.
- * June 29th—July 5th eight volunteers passed out information about the Medical Reserve Corps.
- * August 7th, 8th and 9th, the Medical Reserve Corps was requested to provide first aid at the Field Hospital on the Youngstown Air Force Reserve Base for a national air show called Thunder Over the Valley, featuring the Thunderbirds and White Knights. 25 volunteers came out to participate. The days were very hot and many attendees were treated for heat related complaints. MRC volunteers were assisted by 4 emergency room personnel from both local hospitals, as well as some local EMT and paramedic units.
- * In October public health was gearing up for H1N1 community and school vaccination clinics. Volunteers gathered to prepare paperwork and give away illness prevention packets of tissues and hand sanitizers.
- * In November, 17 medical and non-medical volunteers participated at 27 community and school clinics assisting with registration and vaccinations.

CAR SEAT PROGRAM:

Submitted by: Lucinda Sentner, RN

This program has expanded as we continue to try to meet the needs in the community. This program provides education about proper car seat installation and use, as well as car seats for those in need. Car seats are primarily distributed through the Trumbull County Health Department to parents/grandparents while attending an instructional class in proper use. Classes are held at the health department and St. Joes at the Mall. These classes are staffed by Public Health Nurses who have gone to additional training and are state certified care seat technicians. Our Program Coordinator has gone one step further and is a car seat technician instructor.



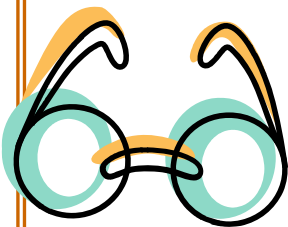
159 car seats and 38 booster seats were provided at 30 classes held at the health department or hospital. In addition, our staff attended and did car seat or booster seat checks at several TCAP Head Start Family Nights, as well as community based care seat checks at local auto dealerships.

Funding for this program is assisted by:
Trumbull County Help Me Grow, St.
Joe's Hospital, Ohio Department of Public Safety, and private citizen donations.

SIGHT FOR STUDENTS PROGRAM

Submitted by: Jan Chickering, MA

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 2009 we processed 31 applications for this program and 29 of these were approved to receive an eye exam and glasses.

**Table I: 2009 Confirmed Communicable Disease Investigations in Trumbull County
(see Epi Note)**

<u>Mespotamia</u> 1- Hepatitis C- Chronic 1- Varicella	<u>Bloomfield</u> 1- Shigellosis	<u>Green</u>	<u>Gustavus</u> 2- Pertussis	<u>Kinsman</u> 1- Pertussis
<u>Farmington</u> 1- Campylobacteriosis 1- Cryptosporidiosis 2- Hepatitis C - Chronic 1- Salmonella 1- Strep Pneumonia - Resistant / Intermediate	<u>Bristol</u> 2- Hepatitis C -Chronic 1- Strep Pneumonia Non resistant / Unknown	<u>Mecca</u> 1- Campylobacteriosis 1- Giardia 2- Influenza Associated Hospitalization	<u>Johnston</u> 1- Hepatitis C - Chronic	<u>Vernon</u> 1- Pertussis
<u>Southington</u> 1- Campylobacteriosis 1- Strep Pneumonia Resistant / Indeterminate	<u>Champion</u> 5- Cryptosporidiosis 1- Influenza Associated Hospitalization 1- Pertussis 2- Salmonella	<u>Bazetta</u> 4 Campylobacter 3- Cryptosporidium 4 Hepatitis C - Chronic 1- Influenza A Novel 1- Meningitis, aseptic -Viral 3- Salmonella 1- Streptococcal Group A 1- Strep Pneumonia Non resistant / Unknown 1- Strep Pneumonia Resistant / Indeterminate 2- Varicella	<u>Fowler</u> 1- Campylobacteriosis 1- Giardia 1- Hepatitis C- Chronic 2- Mycobacterial Other than TB (MOTT) 1- Pertussis 1- Strep Pneumonia Resistant / Indeterminate	<u>Hartford</u>
<u>Braceville</u> 1- Campylobacteriosis	<u>Warren *</u> 4 Campylobacter 3- Cryptosporidium 4 Giardia 3- Hepatitis B - Acute 22- Hepatitis C - Chronic 7- Influenza Associated Hospitalization 2- Pertussis 1- Salmonella 9- Shigellosis 2- Streptococcal Group A 8- Strep Pneumonia Non resistant / Unknown 6- Varicella	<u>Howland</u> 5- Campylobacter 7- Cryptosporidium 1- Giardia 1- Haemophilus Influenza - HIB 2- Hepatitis B - Acute 20- Hepatitis C - Chronic 1- Influenza A Novel 9- Influenza Associated Hospitalization 1- Meningitis, bacterial (not N. Meningitidis, Meningococcal Disease) 3- Mycobacterial Other than TB (MOTT) 5- Pertussis 3- Salmonella 9- Shigella 5- Strep Pneumonia Non resistant / Unknown 5- Strep Pneumonia Resistant / Indeterminate	<u>Vienna</u> 2- Cryptosporidium 1- Haemophilus Influenza - HIB 3- Hepatitis C - Chronic 1- Strep Pneumonia Non resistant / Unknown	<u>Brookfield</u> 7- Hepatitis C - Chronic 1- Meningitis, aseptic - Viral 2- Pertussis 1- Strep Group B
<u>Newton</u> 1- Cryptosporidium 4 Hepatitis C - Chronic 3- Influenza Associated Hospitalization 1- Pertussis 1- Strep Group A 1- Strep Pneumonia Non resistant / Unknown 1- Strep Pneumonia Resistant / Indeterminate	<u>Lordstown</u>	<u>Weathersfield</u> 1- Campylobacter 2- Cryptosporidium 1- Hepatitis B - Chronic 1- Hepatitis C - Acute 17- Hepatitis C - Chronic 1- Influenza A Novel 3- Influenza Associated Hospitalization 3- Meningitis, aseptic - Viral 2- Mycobacterial Other than TB (MOTT) 7- Pertussis 5- Salmonella 2- Strep Pneumonia Non resistant / Unknown 4 Strep Pneumonia Resistant / Indeterminate 1- Varicella	<u>Liberty</u> 1- Campylobacter 1- Cryptosporidiosis 6- Hepatitis C - Chronic 3- Influenza Associated Hospitalization 1- Meningitis, aseptic -Viral 2- Pertussis 4 Salmonella 1- Strep Pneumonia Resistant / Indeterminate 7- Varicella	<u>Hubbard</u> 1- E. Coli, enterohemorrhagic (Shiga toxin unknown) 1- Hepatitis B - Chronic 3- Hepatitis C - Chronic 2- Influenza Associated Hospitalization 1- Meningitis, aseptic -Viral 1- Mycobacterial Other than TB (MOTT) 2- Pertussis 2- Strep Pneumonia Non resistant / Unknown 1- Strep Pneumonia Resistant / Indeterminate



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

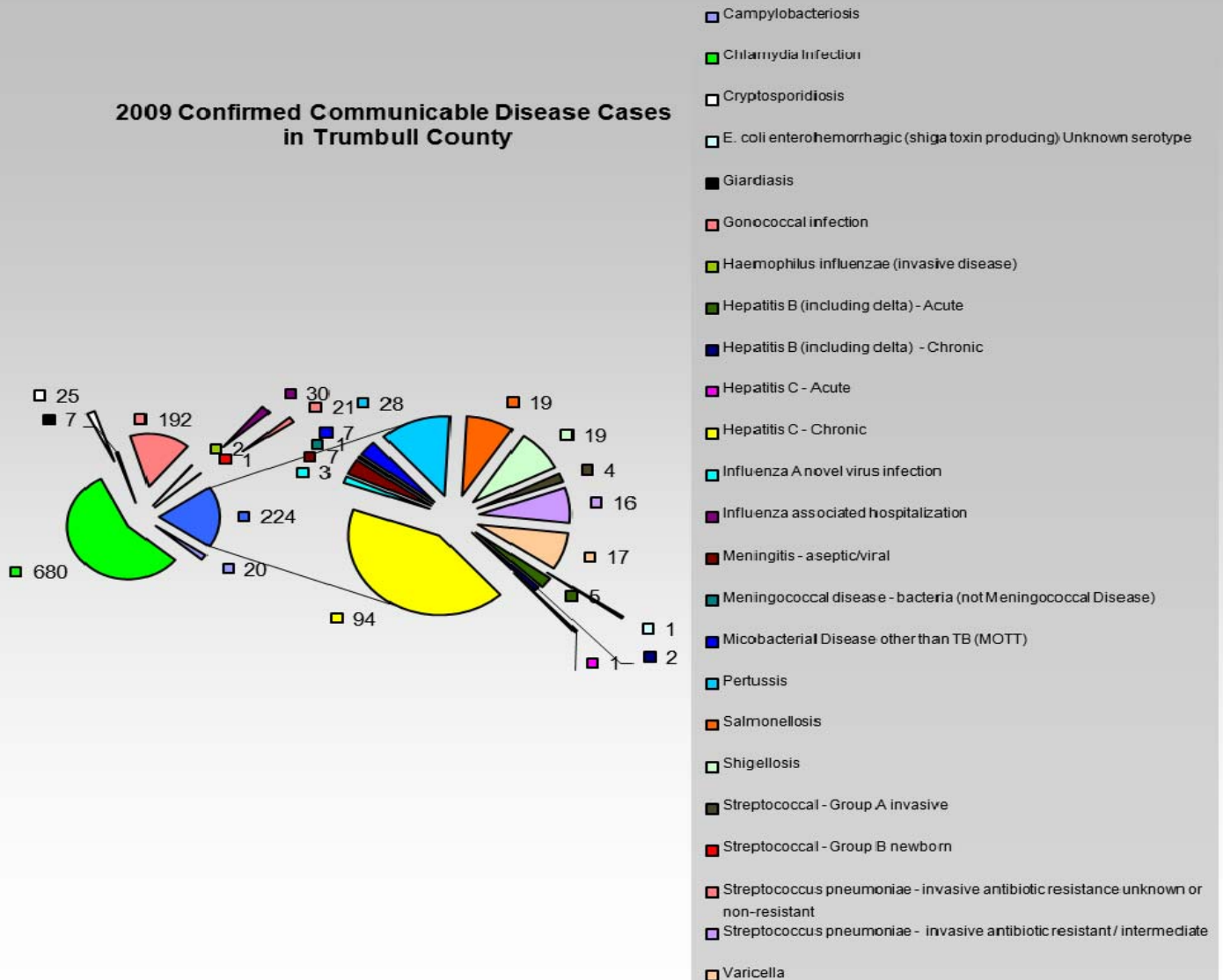
There were 1540 Communicable Disease Cases investigated in Trumbull County for year 2009. Of these cases, 1202 are classified as confirmed cases, 97 are classified as probable cases, 160 are classified as suspect cases and 81 are classified as not cases. These cases were investigated by the Nurses at the four Health Departments in Trumbull County. The distribution of these case investigations are as follows: Trumbull County General Health District—606 Cases; Girard City Health Department—82 Cases; Niles City Health Department—138 Cases; and Warren City Health Department—714 Cases.

- Table I lists the Communicable Disease Cases that were classified as confirmed in Trumbull County. These cases are confirmed based on either laboratory confirmation, meet the case clinical definition and / or are epidemiologically linked to a confirmed case. The cases were geo-coded by the Ohio Disease Reporting System (ODRS) and Table 1 illustrates the distribution of the cases in Trumbull County based on the ODRS coding. Table I does not include the confirmed Chlamydia and Gonococcal (Gonorrhoea) Infection -they are listed below as number of cases.

*Warren includes cases that have zip codes ending in 81, 83, 84, 85, & 30 (Leavittsburg) that did not geo-code into any of the other townships.

- The Graph below illustrates the Type and Number of the Confirmed Communicable Diseases that were reported to all Health Districts in Trumbull County.
- There were 11,870 Influenza Surveillance cases reported to Trumbull County Health Department by schools, nursing homes, hospitals, labs and the city health districts. Of these, 11,423 were reported as Influenza - Like Illness cases and 447 cases were lab confirmed cases. Of the 447 lab confirmed cases, 28 were serotyped as the H1N1 Pandemic Flu.
- There were 902 Sexually Transmitted Disease cases (STD's) reported in Trumbull County. Of these, 680 were lab confirmed Chlamydia Infection and 192 were lab confirmed Gonococcal infection .

2009 Confirmed Communicable Disease Cases in Trumbull County



RABIES



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

In 2009 we processed 241 animal exposure events. All 241 events involved animal to human contact. Of these there were 182 dog exposures; 47 cat exposures; 5 wild rodent / rabbit exposures; 1 raccoon exposure; and 2 bat exposures.

We continue to contract with Ohio Department of Health (ODH) for raccoon, fox and skunk surveillance. In 2009 we submitted 67 Raccoon and 2 Fox to ODH for rabies testing. These animals were tested because they were either sick, wounded, had odd behavior or there was human and/or domestic animal contact. We also contract and participate with ODH in ground Oral Rabies Vaccine (ORV) baiting as an effort 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 2009.

Owing to our active surveillance, exposure follow up and ground baiting we are happy to report we had no positive cases of Rabies in Trumbull County for 2009. However, we had 11 reported people who had to start post exposure treatment due to animal exposure. These people were treated because we were unable to capture, quarantine and/or test the animal for rabies. With estimates of \$1,500 to \$2,500 per person for post exposure treatment, educating the public to avoid strange and wild animals remains one of our most important goals.

Rabies is a viral disease that affects animals and people and is almost always fatal. Trumbull County continues to be a rabies endemic county for raccoon strain rabies. This strain of rabies is a concern because it can spill over into other wild and domestic animals. Exposures to domestic animals who are not vaccinated for rabies, and all wild animals will always pose a threat of rabies.

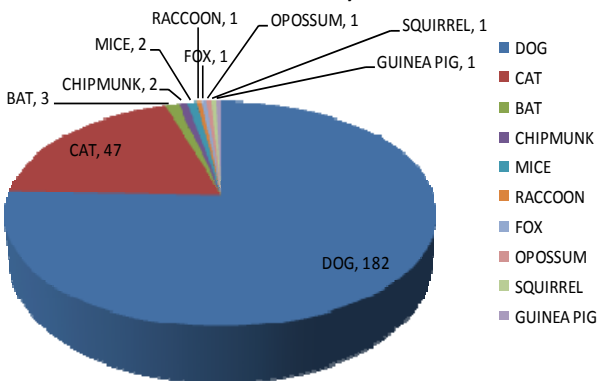
The two most important things you can do to prevent rabies are:

- * 1) keep your dogs, cats and ferrets vaccinated for rabies and
- * 2) avoid contact with all wild animals; and any stray or unfamiliar dog, cat or other domestic animal.

2009 Oral Rabies Vaccine (ORV) Ground Baiting in Trumbull County

AREA	# BAITS	DISTR	MILES	HOURS
Cortland City (OH 7801)	675	675	21.2	1
Warren - W / S (OH 7802)	1,012	1,012	25	1.5
Warren - NE (OH 7803)	576	576	23	1
Howland (OH 7804)	1,170	1,170	65	3
Weathersfield (OH 7805)	522	522	51	3
McDonald (OH 7806)	994	994	39	2
Liberty (OH 7807)	1,267	1,267	53	3.5
Brookfield / Masury (OH 7808)	1,890	1,890	41.5	3
Hubbard (OH 7809)	900	900	19	1.5
Trumbull County General Health District Total	9,006	9,006	337.7	19.5
WCHD - OH 7802				
Warren W / S	1,012	1,012	38	6
WCHD - OH 7803				
Warren NE	864	864	37.3	5.5
WCHD - OH 7805				
Weathersfield	130	130	5	2
Warren City Health District Total	2,006	2,006	80.3	13.5
NCHD- OH 7805				
Weathersfield	652	652	40	4
NCHD - OH 7806				
McDonald	128	128	22	2
Niles City Health District Total	780	780	62	6
GCHD- OH 7806				
McDonald	183	183	15	2
GCHD - OH 7807				
Liberty	623	623	50	4
Girard City Health District Total	806	806	65	6
Total for all Health Districts	12,598	12,598	545	45

2009 Reported Animal Bite / Rabies Exposure Events for Trumbull County



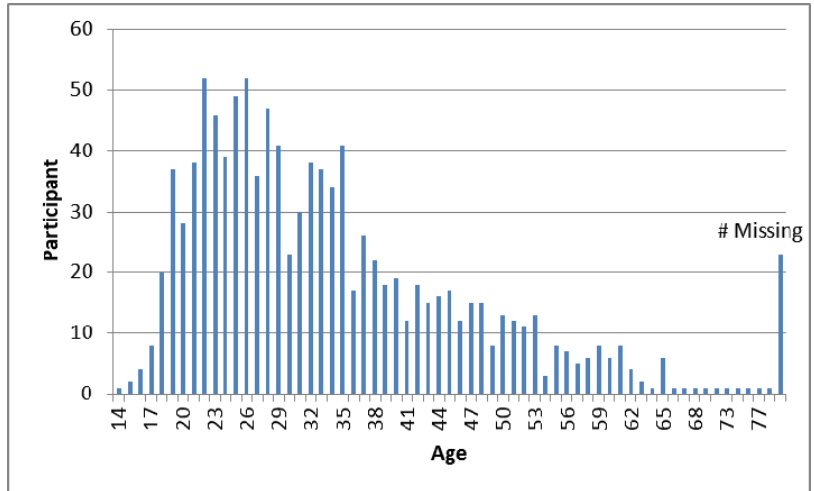
- AVOID CONTACT WITH WILD-LIFE AND ANIMALS YOU DO NOT KNOW!
 - VACCINATE YOUR DOGS, CATS AND FERRETS FOR RABIES AND KEEP THEM CURRENT!
- IT'S THE



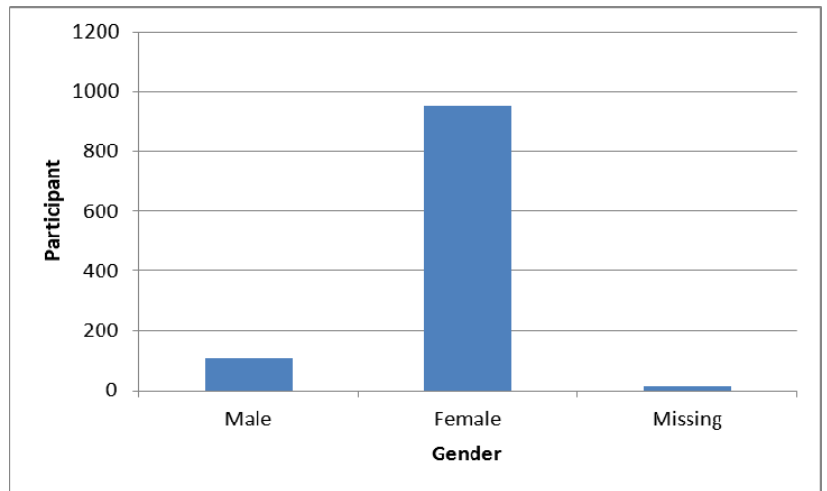
TRUMBULL COUNTY 2008 COMMUNITY SURVEY

The 2008 Community Survey was developed by members of Trumbull County's Family and Children's First Council. This survey was designed to assess the needs of the residents within Trumbull County. This survey was conducted for three months from March 2008 - thru June 2008. The surveys were distributed to Trumbull County Residents through agencies and mailings. There were 1079 surveys returned. Although this return rate is a very small percentage of our county's population, it still provides us with valuable information that will help us plan our current programs and support new programs needed within our community. The following is some of the analysis obtained from our 2008 Community Survey.

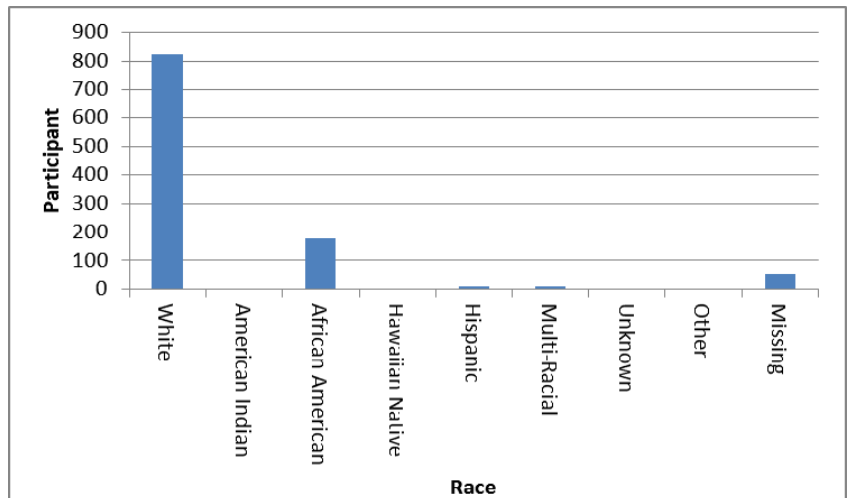
Age of person completing survey?



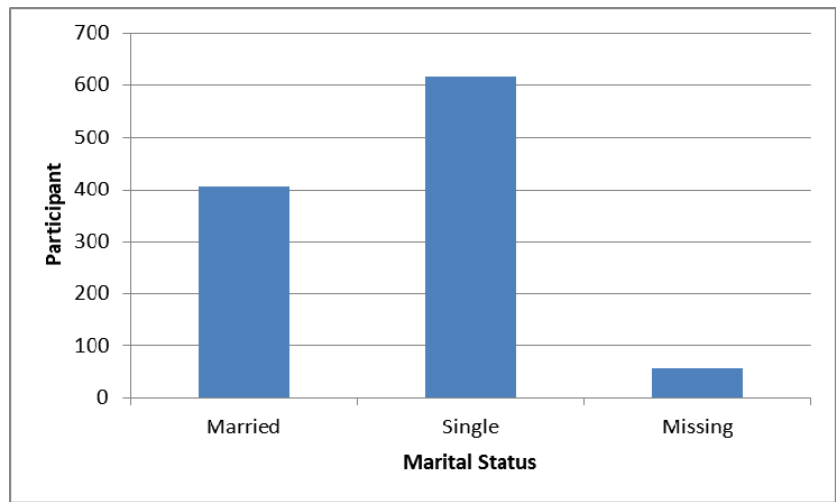
Gender of person completing survey?



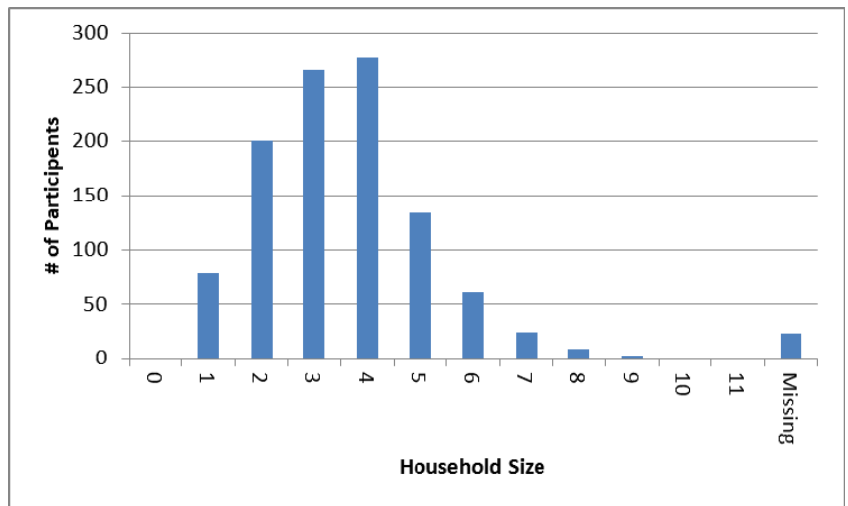
Race of person completing survey?



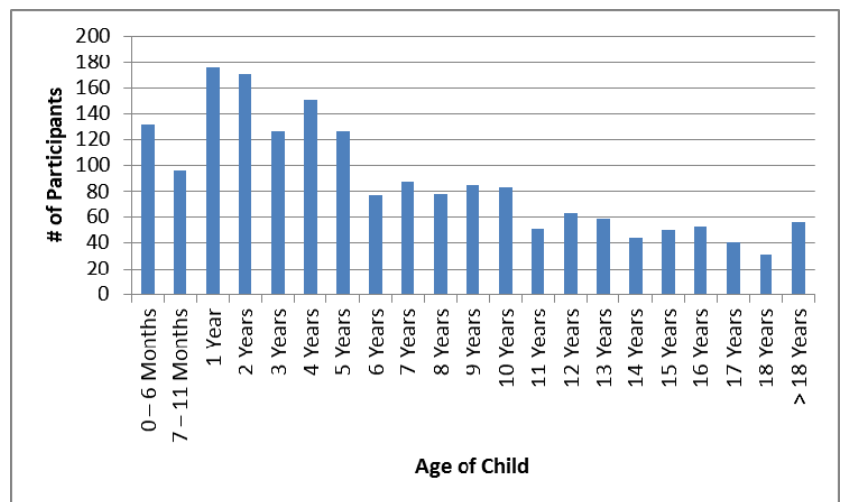
Are you married or single?



What is your household size?

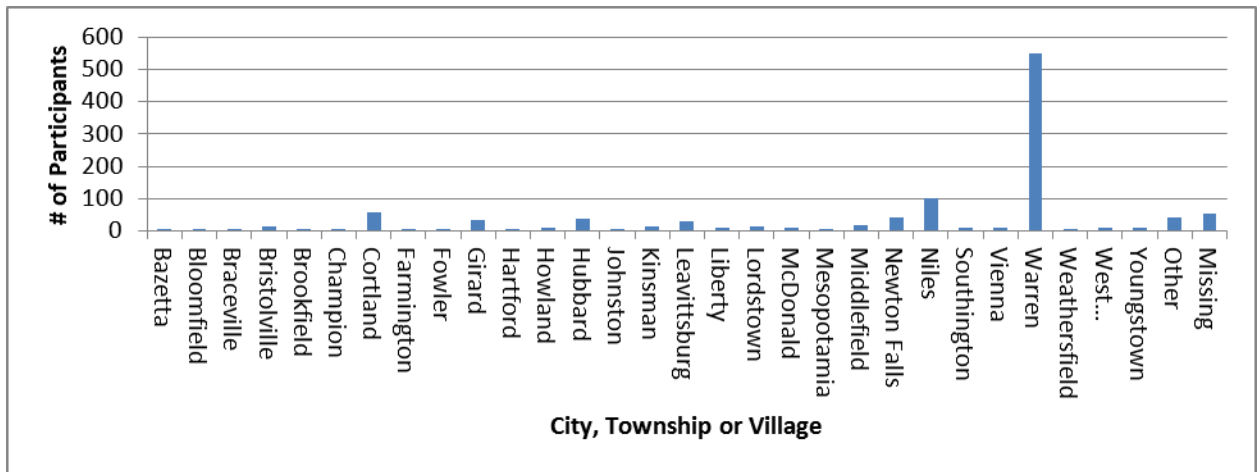


What are the ages of your children?

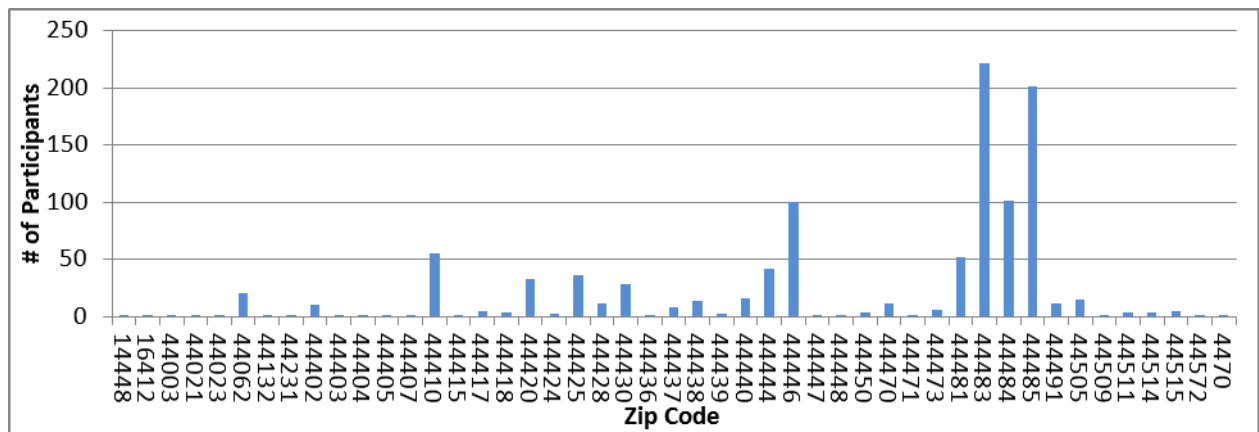


Where do you live?

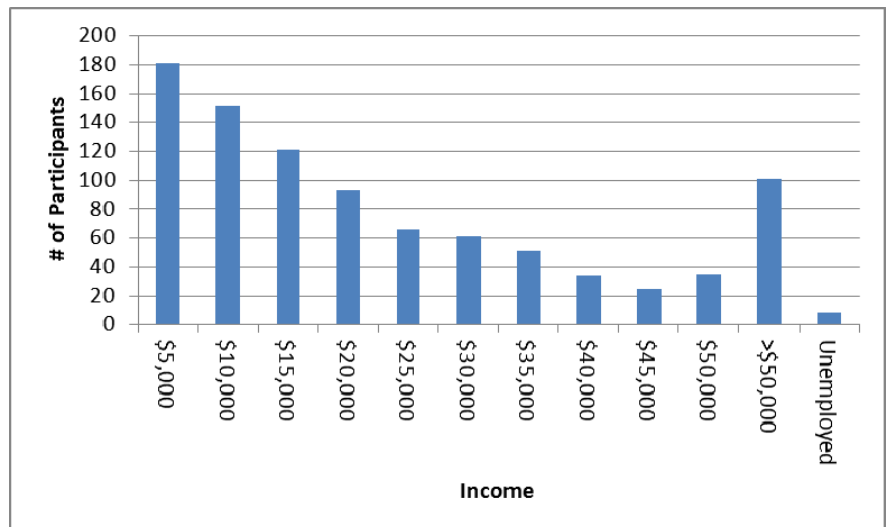
City?



Zip Code?



Yearly household income?



Do you Smoke?

SMOKE	FREQUENCY	PERCENT
YES	394	36.5%
NO	675	62.6%
MISSING	10	0.9%
TOTAL	1079	100%

Do you own a car safety seat for each of your young children?

CAR SAFETY SEAT	FREQUENCY	PERCENT
YES	680	63%
NO	86	8.0%
N/A	313	29%
MISSING	0	0
TOTAL	1079	100%

Do you use your car safety seat regularly?

USE CAR SEAT	FREQUENCY	PERCENTAGE
YES	724	67.1%
NO	32	3.0%
MISSING	323	29.9%
TOTAL	1079	100%

Do you regularly wear your seat belt?

WEAR SEAT BELT	FREQUENCY	PERCENTAGE
YES	918	85.1%
NO	98	9.1%
MISSING	63	5.8%
TOTAL	1079	100%

Do you own bicycle helmet?

OWN BICYCLE HELMET	FREQUENCY	PERCENTAGE
YES	358	33.2%
NO	237	22.0%
N/A	484	44.8%
TOTAL	1079	100%

Do your children use their bicycle helmets regularly?

CHILD WEARS HELMET	FREQUENCY	PERCENTAGE
YES	296	27.4%
NO	224	20.8%
MISSING	559	51.8%
TOTAL	1079	100%

Do you use your bicycle helmet regularly?

ADULT WEARS HELMET	FREQUENCY	PERCENTAGE
YES	145	13.4%
NO	340	31.5%
MISSING	594	55.1%
TOTAL	1079	100%

Does your home have working smoke alarms?

SMOKE ALARMS	FREQUENCY	PERCENTAGE
YES	1016	94.2%
NO	50	4.6%
MISSIN	13	1.2%
TOTAL	1079	100%

How many times during the week does your family eat at fast food restaurants?

TIMES DURNIG WEEK	FREQUENCY	PERCENTAGE
0	275	25.5%
1	437	40.5%
2	213	19.7%
3	73	6.8%
4	27	2.5%
5	11	1.0%
6	1	0.1%
7	3	0.3%
10	1	0.1%
Missing	38	3.5%
TOTAL	1079	100%

Do you take a multivitamin?

MULTIVITAMIN	FREQUENCY	PERCENTAGE
YES	444	41.1%
NO	625	57.9%
MISSING	10	0.9%
TOTAL	1079	100%

Do your children take a daily multivitamin?

CHILD VITAMIN	FREQUENCY	PERCENTAGE
YES	391	36.2%
NO	545	50.5%
MISSING	143	13.3%
TOTAL	1079	100%

Where does your family receive medical care?



Mel Milliron, C.H.E.S.

Health Educator/Planner

HEALTH EDUCATION

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

In following are key components of the CVH project.

- **Ultimate Goal:** Affect changes in health related policies so that positive changes are permanent.
- **Funded Projects:** Must reflect population based strategies.
- **Settings:** Projects must address worksite, school, healthcare and community settings.
- **Risk Factors:** The focus is on the modifiable risk factors including tobacco, physical activity, nutrition, blood pressure, diabetes and cholesterol.
- **Collaboration:** The project director must work in collaboration with other agencies and groups to reach statewide objectives.
- **Multi County Grant:** We have teamed up with Ashtabula County on the project.
- **Great Need:** In 2001 Trumbull County was ranked the 23rd worst county in Ohio for heart disease. We had a 26.6% adult smoking rate; a 21.7% obesity rate and 92.4% of Trumbull County residents report a

surveyed have high cholesterol, 26.1% have elevated blood pressure and almost 10% report being diagnosed with diabetes.

Current rates are: Smoking 21.9%, Physical Inactivity 77%, Obesity Rate 25%, High Blood Pressure 27.5%, Diabetes 9.6%.

- **Heart-Healthy Community Coalition:** A CVH coalition of agencies and individuals was developed. The purpose of the coalition is to reduce heart disease in the target area. The coalition meets on a quarterly basis with the Health Educator acting as the coordinator.
- **Target Area:** The target area must be a community of high poverty with sufficient numbers to make a noticeable impact. The target areas in Trumbull County are Warren as well as Bloomfield and Mesopotamia townships.
- **Heart-Healthy Community Checklist:** The first year was devoted to assessing the targeted community using the Checklist. The Checklist measures services, opportunities, the environment and systems that are available to residents who want to lead a heart-healthy lifestyle. The survey examined health care organizations, schools, the community and worksites. Risk factors addressed are lack of physical activity, poor nutrition, tobacco use and clinical risk factors including cholesterol, diabetes and high blood pressure. The

Checklist is used on an annual basis. Scores in all areas have improved over the last seven years.

- **Action Plan:** An action plan was developed by the coalition to improve areas of need. The action plan has specific objectives that target educational, environmental change and policy/regulation strategies.

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

- Trumbull Heart Healthy Community Coalition-Coordinator
- Trumbull Coordinated School Health Coalition-Coordinator
- Action For Healthy Kids Zone Four Committee
- Friends of the Western Reserve Greenway
- Trumbull Memorial Hospital Foundation Community Relations Committee
- The Ohio State University Extension Advisory Board
- Alliance for Substance Abuse Prevention Coalition
- UAW/GM Diabetes Work Group
- Sunshine Board
- Community Concerned Citizens II-Secretary
- American Heart Association Board
- American Cancer Society Board

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 Kent State University Trumbull Campus, WIC, Warren City Schools, Ohio Health Educator Institute & School Nurses.

HIGHLIGHTS OF HEALTH EDUCATION ACTIVITIES IN 2009

- **Healthy Community Gold Award:** We submitted an application for a Healthy Community Award for Warren and Niles Cities. Both Communities received a Gold Awards.
- **City Parks:** Coalition members were instrumental in keeping open Quinby Park and holding the 8th Annual Juneteenth celebration.
- **Dining With Diabetes:** We co-sponsored this three part series with the Ohio State University Extension. The program helps diabetics learn about their disease and how to cope with it.
- **Food Service Training:** The Health Department sponsored a workshop for school food service personnel that dealt with coordinated school health, accommodating child health issues, nutrition standards, school breakfast and partnering with classroom teachers on nutrition education. Ninety-one school food service staff from fourteen counties and thirty-nine school districts were in attendance.
- **Action For Healthy Kids Zone Four:** Two workshops focusing on nutrition and physical activity and their link to academic performance were held for school staff..
- **School Wellness Policies:** The Health Educator is a community member of the Warren City School's Wellness Team.
- **Childhood Obesity Conference:** A conference focusing on the causes, results and prevention of childhood obesity. One hundred forty-eight professionals from seventeen counties attended.
- **Worksite Wellness:** A worksite wellness conference was held. There were sixty-two people in attendance.
- **Trumbull Memorial Hospital Foundation:** The Health Educator is an active member of the TMH Foundation "Move To Improve" program that inspired over 400 county residents to become more physically active and to improve their nutrition practices. The Foundation also sponsored a run/walk to raise money for breast cancer awareness.
- **Mini-Grants:** We applied for and received funding for two mini-grants that were awarded to Trumbull County school districts.



*Please contact the health
department for more information
on any of these activities.*