



# STARK COUNTY HEALTH DEPARTMENT

2010

# Annual Report



## What is a Farmers' Market?

Farmers' markets are groups of farmers selling their products usually once or twice a week at a designated public place. The products usually consist of fresh fruits, vegetables, herbs, and/or flowers and are a great way to meet local farmers and get fresh, flavorful produce.



According to the U.S. Department of Agriculture, farmers' markets in the US have grown from 1,755 in 1994 to 5,274 in 2009 and then to 6,132 in 2010. Every state has witnessed significant growth over the past decade and a half. This growth is probably due to a combination of an increased interest in healthier foods and a desire to preserve local farmers. In Ohio, there are now 224 farmers' markets in operation. There are 8 farmers' markets in Stark County. This past year Jackson Township opened a farmers' market at their North Park location every Thursday from 3:00 to 7:00 pm. The

Alliance farmers' market will open its fourth season this year, on Saturday mornings from 9 a.m. to noon. The market is located at the corner of E. Main St. and Mechanic Ave. The (Alliance) Mayor's Green Task Force was instrumental in getting this farmers' market up and running and last year this site was added to the WIC Farmers' Market Nutrition Program to pass out coupons to eligible participants and to certify vendors.

The WIC Farmers' Market Nutrition Program is a dual purpose program which benefits both WIC participants and vendors/farmers. Participants generally perceive better value and nutrition in locally grown food, and also feel more secure knowing the source of their food. For farmers, local markets offer an additional revenue source. In the program, WIC participants are given five \$3 coupons with which to purchase fresh fruits and vegetables at farmers' markets each growing season.

## STATEWIDE ISSUANCE OF BIRTH CERTIFICATES

In December 2010, the Stark County Health Department began issuing birth certificates to anyone born in the State of Ohio. Previously, health departments could only issue birth certificates to those that were born at a facility within their health jurisdiction. This department has met all of the training requirements for their staff and had a site visit from the Ohio Department granting them approval status. The response from the public has been very positive and people appreciate the convenience of being able to obtain their birth certificates locally.

## Leading Causes of Death

# 2010

|                                    |              |
|------------------------------------|--------------|
| Cancer                             | 362          |
| Diseases of the Heart              | 306          |
| Alzheimer's Disease                | 183          |
| Chronic Lower Respiratory          | 100          |
| Cerebrovascular Disease            | 93           |
| Diseases of the Kidney             | 55           |
| Influenza and Pneumonia            | 54           |
| Accidents (Unintentional Injuries) | 52           |
| Suicide                            | 37           |
| Septicemia                         | 34           |
| Diabetes                           | 14           |
| Other                              | 106          |
| <b>TOTAL</b>                       | <b>1,396</b> |

## Sports Injuries on the RISE NATIONALLY

### STARK COUNTY HEALTH DEPARTMENT ATTEMPTING TO TRACK AND REDUCE THAT NUMBER LOCALLY

In 2010, national media published numerous articles on professional athletes and the number and severity of injuries (including numerous concussions). Professional athletes have reported adverse side effects well into their post-playing days. Some athletes also reported that they did not tell the medical staff about the symptoms they were having while playing a sport.

No matter what the injury and no matter what the level of performance, it is important that all athletes notify medical personnel of any injury symptoms. It is also vital that coaches (at all levels of performance) are aware of the signs and symptoms of injuries – especially life threatening injuries, such as concussions.

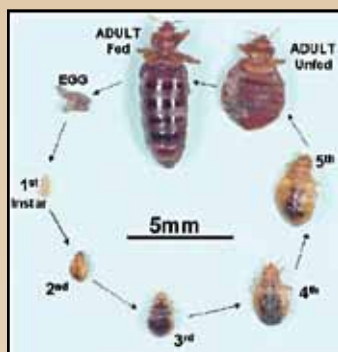
In January 2010, the Stark County Health Department was awarded an Injury Prevention Grant from the Ohio Department of Health. This grant, which specifically focuses on childhood sports injury prevention provides funding to research local childhood injuries, as well as offer free trainings to youth league coaches.

According to the 2009 Childhood Injury Report (published annually by the Stark County Health Department and Safe Kids Stark County), 909 Stark County children ages 17 and under were treated in a Stark County Emergency Department for a Sports & Recreation Injury. Of those, nearly half were children ages 7 through 13. Over 75% were struck in a sport. Males also suffered over 75% of the injuries.

Through the funding, the Health Department is teaming up with Mercy Medical Center's Sports Medicine Program to offer free training for youth league coaches. These trainings cover prevention, recognition and treatment of athletic injuries. In 2010, 3 trainings were conducted and approximately 100 youth league coaches were educated. Additional trainings are planned for 2011-2013. The goal of the project is to educate these coaches, in order to reduce the number of children being injured.

# BEDBUGS

## THEY HAVE RETURNED!



Life Cycle of the Bedbug



Bedbug Infestation



Adult Bedbug

Bedbugs are small, wingless (true) insects that feed on the blood of warm-blooded animals, including humans. Generally, bedbug larva or nymphs are about the size of a poppy seed, while the adults are around 1/4 of an inch in length or about the size of an apple seed. The colors of the bedbug vary from nearly white (just after molting) to a light tan or burnt orange. When looking at a bedbug, the host's blood may appear as a dark mass within the insect's body. Although the bedbug does not fly, it can crawl, run and climb, but can not jump. From above, the bedbug is oval in shape, and is flattened from the top to bottom.

Stark County has recognized the resurgence of the bedbug problem and has initiated the establishment of the Stark County Joint BedBug Task Force. The Task Force consists of members from the Stark County, Massillon City, Canton City, and Alliance City Health Departments, as well as, local Pest Control Companies. The Task Force has held regular meetings since November 2010 and has organized a list of possible interested parties such as landlords, hotels, dorms, shelters, etc., where these problems may be occurring. The goal of the Task Force is community education and outreach, and to make the public aware and informed about this ever-growing problem.

The Task Force is also researching control options. To best control a problem, an IPM (Integrated Pest Management Plan) is set up with a pest control opera-

tor. This plan should detail the methods and insecticides to be used by the operator; it should describe the efforts expected by the client(s); it should include a copy of the labels and MSDS for the products and pesticides to be used; indicate how much time and how effective the treatment will be; and describe any repeat treatments and warranties the pest control operator provides, if any.

The Task Force will be providing additional information regarding this issue in the future. For more information on BedBugs please check out our website at: [http://www.starkhealth.org/environmental/pdfs/Begbug\\_Facts.pdf](http://www.starkhealth.org/environmental/pdfs/Begbug_Facts.pdf).



William J. Franks, RS, MPH  
Health Commissioner

and her Doctor of Osteopathy from Midwestern University, Chicago College of Osteopathic Medicine. She did her residency in Pediatrics at Sparrow Hospital in Lansing, Michigan. Dr. Ahmann had been the attending physician at the Stark County Health Department Well Child Clinics when the past Medical Director, Dr. Mason, passed away. She took on the job on a temporary basis at first but then she and the board agreed to a contract to keep her the permanent director.

## Note from the Health Commissioner

### DR. AHMANN ASSUMES DUTIES AS MEDICAL DIRECTOR

Marueen E. Ahmann, D.O. has been appointed to a permanent position as Medical Director for the Stark County Health Department. Dr. Ahmann received her Bachelor's Degree in Physiology from Michigan State University



Dr. Ahmann

## Division Directors



Emily S. Caniford,  
RN, MSN  
Director of Administration  
& Support Services



Kirk K. Norris, RS, MPH  
Director of  
Environmental Health



Lynn M. McCoy,  
RN, MS  
Director of Nursing

## UPDATE: NEW SEWAGE LAW

A new sewage treatment system bill (Sub. SB 110) was signed into law on June 18, 2010. (Sewage Rules that were adopted in 2007 were rescinded shortly after being implemented due to technical and cost issues.) Some provisions of the new law are currently effective; other provisions of the bill will be implemented through administrative rules adopted by the Public Health Council. During the rule development process, stakeholders will have access to updates and be able to make comments on the rules, making the development much more transparent than the 2007 rules.

Based on what has been spelled out in law, we do not anticipate major changes in Stark County. This is because many of the techniques introduced into the 2007 rules were maintained in local regulations after they were rescinded. The new rules should be a reflection of the 2007 rules, while addressing some of the cost issues.

One feature of the law that is currently effective is the establishment of a local sewage treatment system (STS) appeals board. Under ORC 3718.11, a property owner may request a hearing with the Board of Health to contest a decision by staff or an order. The owner then may appeal the findings of the Board of Health to one of two entities: the Court of Common Pleas or the newly established STS appeals board. The appeals board was established to avoid the costs involved with taking the matter before the Court; however, the appeals board's decision is final and cannot be appealed further.

**FOLLOW US NOW ON facebook : STARK COUNTY HEALTH DEPARTMENT**

## Pertussis Booster Now Recommended for Adults

Pertussis, also known as (whooping cough) continues to be a concern across the state of Ohio, as well as the nation. Pertussis is a highly contagious respiratory disease that commonly affects infants and young children.

Ohio is currently experiencing an outbreak of Pertussis with the number of cases more than doubling in the past three years from 628 cases in 2008 to 1,958 in 2010. Stark County has seen this change as well accounting for 106 of the cases reported in 2010.

The best way to protect against Pertussis is through vaccination. The Advisory Committee on Immunization Practices (ACIP), has recommended a booster dose of Tdap vaccination for individuals aged 11 through 64 years of age, for several years, however, the National Immunization Coverage survey showed only a 50% vaccination rate for teens in the state of Ohio during 2009. This vaccine is especially important for individuals caring for infants and young children.

In an attempt to lower the number of cases in Ohio, the Director of Ohio Department of Health passed a new school immunization requirement which became effective in August 2010. This new law requires that a Tdap (tetanus, diphtheria, and acellular pertussis) booster vaccination be administered to each student prior to entry into 7th grade in the state of Ohio.

To help the schools and families of Stark County adjust to this new vaccination requirement, Stark County Health Department offered the schools in the county the opportunity to provide school based Tdap vaccination clinics at the end of the 2009/2010 school year. Ten schools districts participated in these school based clinics and 458 students were vaccinated.

In addition to adding the requirement for Tdap vaccination, this law, Ohio Revised Code sections 3701.13 and 3313.671 included changes to the Polio and Varicella (chickenpox) requirements as well.



## ENVIRONMENTAL HEALTH EXPO: *Stark County is Going Green*



Inflatables provided by All 4 Fun Inflatables

This past August, the Stark County Health Department held their third Environmental Health Expo. This year's theme was Stark County is Going Green. The goal was to educate the community on green opportunities, businesses and organizations.

Over 70 exhibitors took part in the day, which was hosted by Jackson High School. The indoor/outdoor event brought together many different businesses and organizations. Over 1,500 attendees enjoyed a day filled with fun, freebies, food and education. Some of the exhibits included: Waste Management's "Green" Garbage Truck, Buehler's biodiesel car, live animals from Nature's Classroom Nature Center, children crafts with the OSU Master Gardeners, and E-Ride's electric assisted bicycles, to name a few. Yet many more exhibitors provided information about living a greener life.

Along with the exhibitors the Expo hosted a recycling drive for some harder to recycle items. The recycling drive did collect quite a bit of material. The largest collection for the day was for computers. Graydian Design collected several hundred computers plus components. Habitat for Humanity ReStore collected a full twenty-four foot truck load

of appliances and household items. The Stark County Metro Narcotics Unit collected three large garbage bags of unused prescription drugs. Midwest Innovations provided document shredding and shredded 20 large garbage bags of paper. Finally, two large boxes of cell phones were collected for Verizon – Hope Line.

**THANK YOU TO ALL OF THE STAFF, SPONSORS, EXHIBITORS AND VISITORS THAT MADE THE ENVIRONMENTAL HEALTH EXPO A SUCCESS!**



Habitat for Humanity ReStore at the Recycling Drive



Indoor Exhibits at Jackson High School

### ACTIVITIES AT EXIT C&DD LANDFILL

In February 2010, the Stark County Health Department (SCHD) and the Ohio Environmental Protection Agency (OEPA) entered into a Grant Agreement. The agreement was for post closure care at the former Exit C&D Landfill located in Osnaburg Township. Due to ongoing monitoring needed for maintenance at the site, the SCHD was able to secure \$25,000 from the OEPA to address pump replacement, leachate collection, leachate hauling, and disposal. In conjunction with the SCHD grant, the OEPA also contracted with CTI and Associates, an engineering firm, to perform necessary repairs at the site. CTI's scope of work included repairing cracks and a sink hole on the northwest portion of the landfill, vegetating areas that needed addressed as well as the northwestern slope, updating the leachate collection system, installing temperature probes in the northwest portion of the landfill, installing three piezometers in an attempt to locate the bottom of waste placement and to augment the existing leachate collection system, and collect, haul and dispose of leachate.

On July 1, 2010, the SCHD resorted to the grant funding. In the meantime, a continuation and increase of the grant was awarded to the SCHD. The continuation grant was for an additional \$200,000 (for specific maintenance and monitoring activities). The additional monies have helped to remove and dispose of 1,576,185 gallons of leachate during 2010.

The SCHD and the OEPA have planned to continue remediation efforts at the landfill through 2011. The property did go up for auction on December 29, 2010. However, there were no bidders and remediation activities can proceed as planned. If the property would have sold to a potential buyer then the grant would have ceased as well as remedial activities, and the new property owner would have become the responsible party.

### STARK COUNTY HEALTH DEPARTMENT DENTAL CLINIC

In 2010, the Stark County Health Department Dental Clinic provided services for over 3,000 patients totaling 5,676 visits. This clinic is one of five dental clinics in Stark County and has been providing dental services for Stark County since 1993. Access to dental care for children and low income adults still remains the top unmet need in Ohio for 2010. Statistics for Ohio shows that 23% of third graders and 28% of children attending Head Start have untreated cavities. The above average unemployment rate of the county is reflected by the amount of unemployed clients that continue to seek dental care through the clinic. This continued demand has led to the implementation of emergency only walk-in clinics to help people avoid emergency room visits.

Funding for the Stark County Health Department Dental Clinic is supported by the Ohio Department of Health, Austin Bailey Health and Wellness Foundation, Sisters of Charity Foundation of Canton and the Stark County Health Department. During 2010, the Sisters of Charity Foundation's funding was used to purchase an electronic reminder system that notifies each client by phone, e-mail, or text message two days prior to their appointment. The remaining funds were used to purchase needed equipment for the exam rooms. The assistance of these Foundations is crucial in keeping the dental clinic operating.

## Stark County's Community Health Needs Assessment

The Stark County Health Department is facilitating a Community Health Needs Assessment (CHNA), with support from the four local hospitals. The CHNA process includes collecting and analyzing data; prioritizing data to identify the major health needs of county residents; developing an action plan with strategies to address the needs identified; and distributing the results to community members and organizations.

The Steering Committee, the main group, is composed of 19 agencies and several community advocates. They are responsible for providing oversight, direction and recommendations to each sub-committee created throughout the assessment process. The sub-committees include: Implementation Planning, Data and Survey.

The Implementation Planning Sub-Committee is responsible for developing an Action Plan consisting of three priority areas: Access to HealthCare, Youth Obesity and Behavioral Health. The Action Plan includes all the programs/activities being done under each area. The purpose of the Action Plan is to show what is being done, as well as, what needs to be done in order to address the major health problems within Stark County. The Action Plan will be completed by March 2011.

The Data Sub-Committee is responsible for creating an annual data report by researching, collecting and updating data. The Data Report has a tentative completion date of March 2011 and will be distributed throughout the county.

The Survey Sub-Committee is responsible for collecting data directly from county residents through surveys. This Sub-Committee, still in the early stages, will decide what survey to use, what type of data to collect, as well as, where and how to administer the survey. The survey data will be collected by October 2011.

After the data report and community surveys have been analyzed the Steering Committee will re-prioritize the data and identify three more health problems to focus on addressing in the county.

## Reportable Infectious Disease Summary Stark County Health Department Jurisdiction

| DISEASE                              | 2010 | 2009 | DISEASE                             | 2010 | 2009 |
|--------------------------------------|------|------|-------------------------------------|------|------|
| Campylobacteriosis                   | 30   | 39   | Legionellosis                       | 7    | 12   |
| Chlamydia                            | 384  | 376  | Listeriosis                         | 0    | 2    |
| Creutzfeldt-Jakob Disease            | 0    | 2    | Lyme Disease                        | 4    | 3    |
| Cryptosporidiosis                    | 17   | 11   | Malaria                             | 2    | 3    |
| Dengue                               | 1    | 0    | Meningitis – Aseptic                | 16   | 15   |
| E. Coli 0157:H7                      | 3    | 4    | Meningitis – Bacterial (Not N.      | 1    | 2    |
| E. Coli (unknown serotype)           | 2    | 3    | Meningitis)                         | 0    | 1    |
| Giardiasis                           | 47   | 39   | Meningococcal disease               | 20   | 27   |
| Gonorrhea                            | 117  | 78   | MOTT                                | 0    | 1    |
| Haemophilus Influenza Bacteremia     | 6    | 4    | Mumps                               | 0    | 1    |
| Hepatitis A                          | 0    | 1    | Pertussis                           | 34   | 27   |
| Hepatitis B – Acute                  | 1    | 2    | Rocky Mountain Spotted Fever        | 1    | 0    |
| Hepatitis B – Chronic                | 17   | 19   | Salmonellosis                       | 28   | 32   |
| Hepatitis C – Chronic                | 112  | 78   | Shigellosis                         | 4    | 13   |
| Hepatitis C – Acute                  | 2    | 0    | Streptococcal – Group A invasive    | 9    | 5    |
| Influenza-associated Hospitalization | 4    | 82   | Streptococcal – Group B in newborn  | 1    | 3    |
| Influenza A – novel virus infection  | 0    | 2    | Streptococcal – Invasive Pneumoniae | 27   | 26   |
| LaCrosse virus disease               | 2    | 0    | Tuberculosis                        | 4    | 2    |
|                                      |      |      | Varicella                           | 47   | 47   |

Note: This report includes confirmed, probable, and suspect cases reported 01/01/09 – 12/31/10.

## Financial Statement Fiscal Year 2010 (unaudited)

### SOURCES OF REVENUE

|                              |           |
|------------------------------|-----------|
| Contract Fees                | 501,420   |
| Fees for Services            | 536,725   |
| C&D User Fees                | 456,347   |
| Inspection Fees              | 108,838   |
| Vital Statistics             | 168,331   |
| Permits                      | 1,106,036 |
| Late Charges                 | 26,908    |
| State Subsidy                | 42,902    |
| Local Tax Subdivisions       | 1,424,000 |
| Public Health Infrastructure | 345,517   |
| CFHS State Grant             | 334,485   |
| Immunization Grant           | 36,935    |
| WIC Grant                    | 370,595   |
| Dental Grant                 | 65,000    |
| Austin Bailey Grant          | 15,000    |
| Achieve                      | 7,000     |
| Women's Health Initiative    | 31,917    |
| Injury Prevention Grant      | 53,874    |
| Exit C&D Funding From EPA    | 120,000   |
| Citizen's Corps Funding      | 1,642     |
| Sisters of Charity Funding   | 59,618    |
| NACCHO Funding               | 5,000     |
| Other Receipts               | 119,864   |
| Reimbursements               | 2,374     |
| Carryover from 2009          | 395,068   |

**TOTAL SOURCES OF REVENUE** 6,335,396

### EXPENDITURES

|                                   |           |
|-----------------------------------|-----------|
| Salaries                          | 3,099,724 |
| Insurance                         | 399,521   |
| Medicare                          | 43,396    |
| PERS                              | 563,041   |
| Workers Compensation              | 55,294    |
| Supplies                          | 167,326   |
| Utilities                         | 22,024    |
| Contracts & Purchased Services    | 267,653   |
| Phones & Communications           | 38,293    |
| Equipment / Vehicle Rental        | 24,271    |
| Rent                              | 311,082   |
| Equipment                         | 153,209   |
| Other Expenses                    | 1,102     |
| State Remittances                 | 628,361   |
| Travel                            | 94,095    |
| Refunds                           | 7,841     |
| Encumbrances Carried Over To 2011 | 211,676   |

**TOTAL EXPENDITURES** 6,087,909

## NURSING CLINICS RECEIVE A HIGH MARK FROM THE PUBLIC

In an effort to maintain quality service to the community the Stark County Health Department relies on feedback from those residents who utilize its services. During the months of September and October the Nursing Division collected feedback from families engaged in the maternal and child health clinics. Surveys were available at the Maternal and Child Health Center as well as our satellite locations in Louisville, Navarre, Canal Fulton, and Lake Township. Approximately 918 surveys were completed by clients who were receiving a variety of services such as immunizations, dental well child exams, women's health, prenatal, or WIC (Womens, Infant and Children Supplemental Nutrition Services). Responses were tabulated and some of the results were as follows:

### Positive Responses

- 98% of clients responded that they were treated kindly and received exceptional care
- 90% of clients responded that when calling the office someone does answer the call
- 10% of clients who left a message did not receive a call back the same day
- 96% of clients feel that our clinical fees are not a barrier to accessing services

### Areas of Concern

- 25% of our clients were not aware of all the services provided by the Nursing Division prior to their appointment

The information obtained in the surveys is very important to the Health Department in an effort to evaluate their programs and also how they are perceived by the residents of the community. Staff members will meet to discuss strategies to improve quality service and to help our community residents become more aware of services available at the Stark County Health Department Nursing Division. For a complete copy of the survey and all results please contact the Nursing Division at 330 493-9914 ext 241.

## COMMUNICABLE DISEASE HIGHLIGHTS, 2010

- Pertussis cases increased dramatically throughout Stark County from 2009 to 2010. Most cases were associated with a localized outbreak in the Eastern portion of Stark County. The majority of these cases were found in preschool-aged children who had been fully vaccinated against pertussis.
- The 2010 – 2011 influenza season began very mildly, thus influenza-associated hospitalizations in 2010 decreased by 95% from the number seen in 2009 (which included the 2009 Influenza A H1N1 Pandemic).
- Gastrointestinal illnesses caused by parasites (Cryptosporidiosis and Giardiasis) increased in 2010. There was no association between any of the reported cases, though some had known risk factors for infection including foreign travel.
- LaCrosse virus disease was reported in Stark County for the first time in many years. This mosquito-borne illness increased throughout Ohio in 2010.

# STARK COUNTY BOARD OF HEALTH



## STARK COUNTY HEALTH DEPARTMENT

3951 Convenience Circle NW, Canton, Ohio 44718

Phone: 330-493-9904 • Fax: 330-493-9920

Web Address: [www.starkhealth.org](http://www.starkhealth.org)

**ROW 1: James Recchio-President, Philip Francis-Vice President, Terrence Seeberger, P.S. Murthy, M.D.**

**ROW 2: Connie Holmes, Karen Hiltbrand, Cary Feller, Daphne Fetterman**

