



**Public Health**  
Prevent. Promote. Protect.

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# Canton City Health Department 2013 Annual Report

The Canton City Health Department is proud to present our annual report for 2013. This report represents a brief summary of the activities of an amazing group of public health professionals. There are various people at the health department working to improve our neighborhoods, protect our food, monitor the air we breathe, follow up on a contagious disease, track vital records, work with new moms to provide better nutrition for their babies and provide immunizations.

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## Health Commissioner

James M. Adams, RS, MPH

It is with great pleasure and pride that I present to you the 2013 Annual Report for the Canton City Health District. The report briefly summarizes the hard work of an amazing group of public health professionals. The work of these individuals represents countless hours to make our community a healthy place to live, work, and play.

We have made great strides in 2013. We completed a study on the organization of public health services in our community. We initiated a new project to address infant mortality and disparities in birth outcomes. We have put together a staff and management team that is caring, compassionate, and dedicated to improving the lives of our community.

Public health is much more than numbers and statistics. It is the stories of individuals and the difference that we can make in our community. As you read through this report, keep in mind the dedicated public health professionals working tirelessly with you to make our community better.

## Finance

Leigh Page; Fiscal Officer

### 2013 Income

Admin/Vital Statistics	\$497,459
Air Pollution Control	\$1,148,179
Environmental Health	\$250,048
Laboratory	\$26,370
Nursing	\$845,274
Office of Public Health Information	\$257,106
WIC	\$1,119,262
<b>Total*</b>	<b>\$4,143,698</b>

\*Of the total expenses for 2013, the City of Canton provided approximately \$2,675,353 from its tax base.

### 2013 Expenditures

Admin/Vital Statistics	\$1,041,801
Air Pollution Control	\$933,298
Capital Projects	\$25,655
Environmental Health	\$835,904
Laboratory	\$270,862
Nursing	\$1,483,300
Office of Public Health Information	\$239,051
WIC	\$1,433,618
<b>Total</b>	<b>\$6,263,489</b>

As the Canton City Health Department's Fiscal Officer, it is my responsibility to help monitor revenues and expenditures. As you can see, overall revenues decreased approximately \$305,759 from 2012. This is mainly attributable to timing and when the revenues are received as many of our grants span across the calendar year. Decreases can also be attributed to decreases in State Funding as a whole. We also had a significant decrease in revenues collected in our Vital Statistics Department which is one of our largest income sources. The sales of birth and death certificates are not measurable as they vary from year to year, therefore, it is difficult to estimate or expect a certain amount of revenue we will take in.

As revenues decreased, we also had a fairly significant decrease in expenditures as well. This is because our largest generated revenues (Vital Statistics and Food Service Operation) require a fee to be paid back to the State of Ohio for our services provided. Most of the funds received for these services are sent back to the State to comply with the applicable Ohio Revised Code requirements. Therefore, if these revenues decrease, the expenditures related to these services will decrease as well. In total, the City of Canton provided ~\$2.5 million dollars from its tax base for general operating expenses. This is an overall decrease of ~\$150,000 from 2012.

If you have any questions regarding the Fiscal Activities of the Canton Health Department please feel free to contact Leigh Page, (330) 438-4675, lpage@cantonhealth.org.

## Air Pollution Control

Terri Dzienis; Administrator

### 2013 Air Pollution Control Activities

Complaints Investigated	249
Asbestos Inspections	74
Permits Issued Final	53
Facility Inspections	89
Performance Tests Observed	19
Anti-tampering Inspections	4
Open Burning Permissions	10
Enforcement Actions	190

The Air Pollution Control Division (APCD) is a contractual representative for the Ohio Environmental Protection Agency's (EPA) Division of Air Pollution Control for all of Stark County. As such, we process applications for air permits and conduct inspections to ensure facilities are complying with those permits. Air permits are required for most industrial, commercial, and institutional facilities. Air permits include requirements that the facilities need to follow in order to protect the air quality in Stark County. There are several different types of air permits: Permit-by-Rule (PBR) for small sources, Permit-to-Install-and-Operate (PTIO) for small to mid-size sources, Federally Enforceable PTIO (FEPTIO) for mid-size to large sources, and Title V permits for large sources. Currently Stark County has 231 PBR, 204 PTIO, 22 FEPTIO, and 22 Title V facilities, for a total of 479 permitted facilities.

Title V sources in Stark County include Marathon Petroleum Company – Canton Refinery, The Timken Company, Republic Steel, and American Landfill to name a few. Due to the complex nature of Title V permits, there is a state-wide backlog of both Title V and non-Title V operating permits needing to be renewed. APCD has been actively working on eliminating this backlog.

In 2013, APCD accomplished the final issuance of a backlogged Title V renewal permit for The Timken Company's Harrison Steel Plant. This permit took most of 2013 to complete, but is now a cohesive document that accurately reflects the air pollution sources at the plant. Non-Title V backlogged renewal permits were issued in 2013 for Slesnick Iron & Metal, Ventura Manufacturing, Everhard Products, Fulfab, Campbell Oil, United Surface Finishing, Shelly Materials and the Stark County Safety Building.

## Vital Statistics

Christi Allen; Deputy Registrar

### 2013 Leading Causes of Death in Canton

Heart Disease	386	Emphysema	8
Cancer (All Types)	241	Diabetes	21
Flu/Pneumonia	129	All Other Causes	747
Stroke	119		

Vital Statistics will soon be maintaining a publicly available and searchable index of birth and death records for vital events in the State of Ohio. This electronic index kiosk project is intended to modernize index access by allowing the customer to complete their own searches eliminating extra work associated

### Certificates Issued in 2013

Birth	9,619
Deaths	6,798

with outdated indexes by updating in real time, becoming compliant with the law by maintaining accurate information and removing the risk of giving out sealed information from

the index. Customers searching for records will be able to locate those records faster than with previous methods.

Customers will be able to search for birth records back to 1908 and death records dating back to 1954.

### 2013 Vital Statistics

	Canton Residents	*Total
Deaths	566	1,650
Births	1,239	3,849
- Unmarried Parents (At the time of birth)	868	1,850
- Teen Births (13 - 19)	162	333

**\*Total:** This represents all births and deaths occurring within the City of Canton.

## Environmental Health

Mark H. Adams, RS, MPH; Director of Environmental Health

The Division of Environmental Health's main function is to improve the quality of life and ensure a safe living environment to those that live, visit, or work within Canton.

In 2013, the health department partnered up with the sanitation department and municipal courts to begin a venture of managing our waste and ensuring quality of life initiatives for our residents. By sharing administrative services, we have increased refuse collections, revenue, recycling, communication, and experienced a dramatic decrease in complaints.

Environmental Health is divided into three main sections: Consumer Services, Community Services and Special Services. The Community Services section logged 8679 activities. This division was also responsible for 279 site cleanups and placing over 20,000 dollars on the tax bills of delinquent property owners.

Consumer Services section is responsible for the inspection of food establishments, vending machines, temporary event food service inspections, and public swimming pools. In 2013, employees in this division logged 2539 activities.

The Special Services section works with the more complex aspects of environmental health. This section licenses and inspects waste transfer stations, composting facilities, small and large infectious waste generators, and tattoo parlors. This section is also responsible for the enforcement of the indoor air policies such as the workplace smoke-free act.

### 2013 EH Activities

Animal Bites	344
Food Protection Activities	1,161
Nuisance Complaint Investigations	2,654
Pool and Spa Inspections	22
School Inspections	97
Solid/Infectious Waste Activities	24
Tattoo/Body Piercing Inspections	9

## Laboratory

Jim Ames; Bacteriologist

In many respects 2013 was a welcomed "same old, same old". No on-site surveys or inspections were scheduled, allowing lab personnel to focus on optimizing current programs. Some tweaks were made to the frozen dessert program to increase efficiency and responsiveness.

The agreement with **Ream & Haager** Lab whereby they perform chemical testing of potable water samples for us was refined. An outdated analyzer was revamped into a clinical microscope by lab staff. The pollen sampler site was upgraded by Lab and Air Pollution Control personnel, and then featured (along with the rest of the Pollen Program) in an In-service which the Lab presented the allergy staff of **Canton Head and Neck Surgeons**.

### 2013 Laboratory Exams

Food Service	764
Pollen counts	130
Pregnancies	67
Sexual Transmitted Infections (STI) related	7,114
Urine analysis	29
Waste/process water	26
Water	2,004

As far as numbers go:

- 5,876 clinical specimens were received, which necessitated 8,518 individual tests
- 2,022 water samples came in, and required 2,030 individual examinations (116 forwarded for chemical analysis)
- 385 food samples and 764 tests
- 177 other miscellaneous exams (pollen counts, environmental complaints, nuisance investigations) rounded out an active year

And 2013 marked a full year's association with Dr. Mark Senior (Canton Pathology Associates) as our Laboratory Director following Dr. Gregory Feczko's retirement. We look forward to working with him during the coming year to ensure that the Canton City Health Department laboratory

continues to deliver high quality service to the public.

## Nursing

Anju G. Mader, MD; Medical Director  
Diane Thompson, RN, MSN; Director of Nursing

When asked to summarize in 200 words or less the largest impact the nursing department has had within our community for its 2013 annual report, a multitude of services ran through my head – was it the 174 individuals tested for Hepatitis C through a high risk testing program or as a baby boomer; the 107 individuals vaccinated for hepatitis A/B due to his/her high risk behaviors; was it the 1,760 individuals that are offered free HIV and sexually transmitted infection testing; or was it the 96% of our families that were served through the Bureau for Children with Medical Handicap (BCMh) program – although these are all important services, I prefer to focus on the quality of staff we have within our department.

### 2013 Nursing Outreach

Communicable Disease	0
Disease Intervention Specialist	78
Other Outreach Services	85

### 2013 Clinic Services

STI Clinic	1,658
International Travel	370
Tuberculosis Testing	153
Well-Baby Immunizations	1,240

Valuable employees are a rare commodity. Many times, employers don't know what kind of workers they have hired until it's too late. I have a staff of individuals that place the needs of our community before his/her own, treat individuals with respect and dignity, meet individuals where he/she/they are in life and work with them to make realistic behavior changes. They are compassionate, committed, professional, conscientious, encouraging and hardworking. I am proud to be a part of such a dynamic group of individuals and am grateful they allow me to lead them. This is what I am most proud of in 2013.

## Women, Infant & Children's (WIC)

Laura Roach, RD, LD; WIC Director

### 2013 Monthly Average Program Participants

Canton City WIC	2,856
Total Stark County WIC	7,206

The Women, Infants, and Children (WIC) Program is a federally-funded health program that provides nutrition education, breastfeeding support, and various health and social service agency referrals to eligible participants. Time and time again, WIC has shown to improve the health and nutrition status of the families it serves which includes an estimated 53% of the total number of infants born annually in the United States. Furthermore, the National WIC Association reports that there have been approximately 9 million low-income mothers and young children

served each month by the WIC Program since its inception in 1974.

People often say that "it takes a village" to raise children and in reflecting on the significant number of families served by the WIC Program, this same idea comes to mind. By focusing on the needs of the families served, the Canton City WIC team is part of the many facets of Public Health that advocate for healthy lifestyles in our community. The WIC team focuses on the individuals' needs to provide them with specific education and tailored services.

Being part of the village of Public Health professionals, the Canton City Health Department aims to improve our community's health and well-being throughout an individual's lifecycle. The WIC Programs' efforts align with the goals of the Canton City Health Department and will continue to strive towards improving the overall health and well-being of our community.

## Office of Public Health Information

Christina Henning; Epidemiologist

### 2013 Case Count of Select Reportable Diseases

Campylobacteriosis	13
Chlamydia infection	539
Cryptosporidiosis	5
E. coli- Not O157:H7	1
Giardiasis	7
Gonococcal infection	256
Haemophilus influenzae (invasive disease)	4
Hepatitis B - Perinatal Infection	1
Hepatitis B - acute	3
Hepatitis B - chronic	4
Hepatitis C - acute	4
Hepatitis C - chronic	61
Influenza-associated hospitalization	92
Legionnaires' Disease	3
Listeriosis	1
Lyme Disease	1
Malaria	1
Meningitis - aseptic/viral	4
Meningitis - bacterial (Not N. meningitidis)	1
Mycobacterial disease (not tuberculosis)	2
Salmonellosis	7
Shigellosis	10
Streptococcal - Group A -invasive	1
Streptococcal - Group B - in newborn	1
Streptococcus pneumoniae - invasive	14
Varicella	1
Yersiniosis	1

The Office of Public Health Information (OPHI) works with other departments, agencies and the public to increase emergency preparedness and awareness of public health activities. A primary means used is electronic communication, such as our website, Health Alert Network (HAN) messages and the recent addition of social media. Experience has shown that in any emergency, strong communication can mean the difference in affording an effective and life saving response.

In 2013, our division started to work tirelessly to open communications with the community, primarily through the use of Facebook. By building a network of Facebook friends and partners during day-to-day use, when an emergency occurs we are positioned with an established network that can quickly reach out to others in the community. Since its humble beginnings in February 2013 with very few visits to the page, our use of Facebook transformed into a page that now has nearly 500 page likes and thousands of views. A test of the effectiveness of social media was conducted with support from Emergency Management Agency (EMA) and other response entities in September 2013 when a possible health concern was identified during a fire response and chemical release in Canton. Facebook postings were used to provide information regarding evacuation, emergency shelters and situational awareness. Thanks to Facebook friends, we realized over 7,000 views in just one posting during the event. This demonstrates the role social media plays as an emergency communication tool.



**Chemical fire leads to citywide response, September 2013**

## Medical Director

Anju G. Mader, MD

The Health Department would like to welcome their new Medical Director, Dr. Anju G. Mader, MD. Dr. Mader, a former City of Canton Board of Health member for 3 years, graduated in 1992 from the Northeast Ohio Medical University. She went on to complete her Pediatrics residency and fellowship at Akron Children's Hospital. Throughout her career, she has developed various programs and collaborated with community agencies for the betterment of services provided to children and their families. In addition to her position as the Medical Director, Dr. Mader is also the Director of the Stark County Help Me Grow program and the Director of Student Services at the Stark County Educational Service Center. Lastly, she has been working with the Stark County Mental Health and Recovery Services Board as a Liaison between Mental Health and Physical Health, looking at ways to improve and increase access to mental health/behavioral health services for our community's children and adolescents.

