



# Annual Report

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

## Health Commissioner's Report

I am proud to present our annual report for the Canton City Health Department for 2011. While slim in size, this report represents a brief summary of the activities of an amazing group of public health professionals. Behind every statistic is a person. It is someone from 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, provide immunizations, and the list goes on and on.

When public health does its job well, you don't know it's there. You don't get asthma from poor air quality. You don't get sick from the food you eat. You don't get ill from vaccine preventable diseases. Yet even with all the advances we

have in health and health care, we still need public health to be there for us; to be the ones to prevent disease, promote health, and protect the community. Public health is with all of us every day. It is with us in the air we breathe, the neighborhoods we live in, the food we eat, the houses we live in, and more.

So, as you glance through this report and see the numbers, don't forget to think about all of the dedicated public health professionals working tirelessly to make your world a much better place.

James M. Adams, RS, MPH  
Health Commissioner



### 2011 Vital Statistics

Canton Residents	
Births	1,142
Deaths	694
Single Parent	789
Births to Teens (age 11—19)	153
Non-residents and residents combined	
Births	3,703
Deaths	2005
Single Parent	1681
Births to Teens (age 11—19)	321

### 2011 Canton City Board of Health

**Board of Health President**  
Mayor William J. Healy II

**President Pro-Tem**  
S.E. Hickman, D.V.M.

**Vice President**  
E.O. Schott

**Members**  
M. Fiorentino, M.D.  
Bernadine Snell  
Anju Mader, M.D.

# Office of Public Health Information



Two teams from the Canton City Health Department participated in the 8<sup>th</sup> annual Stark County Seatbelt Challenge presented by Stark County Safe Communities and Stark County OVI (Operating a Vehicle while Intoxicated) Task Force.) Safe Communities in conjunction with partners such as Ohio Army National Guard, Aultman Health Foundation, Canton City Health Department, Perry Police Department, Pro Football Hall of Fame and the Stark County Sheriff's Office sponsor the event to encourage area teenagers to learn the importance of seat belts and responsible driving.

The Seatbelt Challenge was held Saturday, May 21, 2011 at the Pro Football Hall of Fame with 31 teams competing. Each four-person team competed in a timed race which included buckling-up in an Army Humvee and wearing "Fatal Vision Goggles" to simulate alcohol impairment while running through an obstacle course.

The health department team consisted of Andrew Moore, Gus Dria, Denny Tan and Mark Adams who took first place in the adult division. The team made up of Terri Dzienis, Kim Walker, Jessica Waskin and Lashelle Clifford finished in fourth place.

Congratulations to both teams!

The Air Pollution Control Division (APCD) experienced several organizational changes in 2011. Terri Dzienis was selected as the new APCD Administrator. This position was vacated when long time Administrator, Dan Aleman, retired. Prior to joining APCD as an engineer in 2010, Terri worked as an environmental compliance manager for the steel industry. Terri plans to use her experience with, and passion for, environmental compliance to prioritize quality, consistency, productivity, and continuous improvement in the division.

Denny Tan was selected as the new Monitoring & Inspections Supervisor. This position was vacated when long time employee, Patrick Shriver, retired in August. Denny brings drive, determination and planning skills and plans to improve our data collection and inspections programs.

APCD serving as a division of CCHD allows close proximity to the regulated community of Stark County that it serves. When a member of the community calls in a complaint regarding air pollution issues, APCD staff are able to respond promptly and provide a resolution. APCD would like to remind the community of the importance of its involvement in air pollution control. Please remember to call in any air pollution complaints to 330-489-3385.

## Air Pollution Control

### Selected Reportable Diseases

Campylobacteriosis	5
Chlamydia infection	721
Cryptosporidiosis	3
Ehrlichiosis-Ehrlichia	1
Giardiasis	13
Gonococcal infection	371
Hib	2
Hepatitis B	9
Hepatitis C	88
HIV	11
Influenza—ODH lab results	8
Lyme Disease	2
Meningitis - viral	17
Meningitis - bacterial	1
Meningococcal disease	0
Mycobacterium - not TB	2
Salmonellosis	4
Invasive Group A Strep	5
Newborn Group B Strep	2
Streptococcus pneumo	9
Toxic Shock Syndrome	1
Varicella	3
Vibriosis—other (not cholera)	1

### Laboratory Exams

Blood Leads	5
Dairy	40
Food Service	806
Pollen counts	139
Pregnancies	99
STI related	8,920
Urine analysis	43
Waste/process water	7
Water	2,015

### APC Activities

Asbestos Inspections	40
Complaints Investigated	282
Facility Inspections	51
Permits Issued Final	72
Performance Tests Observed	6
Anti-tampering Inspections	5

# Nursing

## Nursing Outreach

Communicable Disease	27
Disease Intervention Specialist	126
Other Outreach Services	243

## Clinic Services

STI Clinic	1,889
International Travel	417
Tuberculosis Testing	474
Well-Baby Immunizations	1,341
Other Clinic Services	176

## Leading Causes of Death

Heart Disease	460
Cancer (all types)	310
Flu/Pneumonia	150
Stroke	117
Diabetes	18
Emphysema	7
All Other Causes	944

## 2011 Finances

### Income

Admin/Vital Statistics	\$477,177
Air Pollution Control	\$834,235
Environmental Health	\$251,131
General	\$23,531
Laboratory	\$26,008
Nursing	\$787,738
Office of Public Health Information	\$563,050
WIC	\$1,309,038
Total*	\$4,271,038

### Expenditures

Admin/Vital Statistics	\$1,018,215
Air Pollution Control	\$933,321
Environmental Health	\$896,299
Laboratory	\$259,696
Nursing	\$1,396,613
Office of Public Health Information	\$620,583
WIC	\$1,392,448
Total	\$6,517,175

Of the total expenses for 2011, the City of Canton provided approximately \$2,039,985 from its tax base

The Nursing division was approved additional funding from the Ohio Department of Health (ODH) and the US Department of Health and Human Services, as a result of the Affordable Care Act of 2010. We were one of nine agencies that received an award to provide the Personal Responsibility Education Program (PREP) for Foster Care and Adjudicated Youth across nine counties: Carroll, Columbiana, Holmes, Mahoning, Portage, Stark, Trumbull, Tuscarawas, and Wayne.

The program will focus efforts on educating direct-care staff of foster care and adjudicated youth (14 – 19 years) by providing evidence-based curriculum on BOTH abstinence and contraception to prevent pregnancy and sexually transmitted infections (STI) including HIV/AIDS. These educational programs for youth will be community based not school based. Goals of the program include, reducing the rates of teen pregnancy and STI including HIV/AIDS; increasing the number of youth in the target populations who successfully transition to adulthood; increasing and enhancing workforce development of child welfare and juvenile justice professionals by providing consistent, standardized in-service training on evidence-based teen pregnancy prevention curriculum and adulthood topics; and developing a coalition of representatives of agencies/organizations and key stakeholders, from all nine (9) counties, who work with and are familiar with the target population.

To date, two collaborative meetings have been held and Canton City Health Department staff is well on their way to educating direct-care staff on the details of the curriculum.

# Laboratory

2011 was a notable year for the Canton City Health Department laboratory. We added to our water analysis capabilities, added to our agency approvals, and augmented our roster of approved analysts. But first the numbers:

6,228 clinical specimens which necessitated 9,067 individual tests; 1903 water samples which required 2,022 individual examinations; 443 food samples which required 846 tests; And 165 other miscellaneous exams (pollen counts, environmental complaints, nuisance investigations) to round out an active year.

One of our goals for 2011 was the adoption of the QuantiTray® system for the enumeration of Total Coliform and E. coli bacteria in drinking and non-potable waters. A cost analysis indicated this was doable; the pending revision of ODH rules for private water wells was a strong incentive for us to move in this direction. In June, after the successful completion of proficiency testing samples, the lab received a Provisional Approval form the Ohio EPA and a Registration Notice from the Ohio Dept. of Health, making us one of the first half-dozen such labs in the state. And in August, following an on-site survey, Full Approval Status was awarded. This survey also conferred Approved Analyst status on Julie Carman, marking the first time since December 2008 the Canton City Health Department laboratory has had a full complement of approved analysts. Truly a banner year for us!

# Environmental Health

The Division of Environmental Health at the Canton City Health Department strives to be proactive in addressing the community's needs for the prevention of disease and injury. Environmental Health is divided into three main sections: Consumer Services,

Community Services and Special Services.

The big change within our division was the opening of the E- (electronic) Waste program. Brought about from pictures of a property cleanup, this program launched a new and exciting way to properly dispose of all electronic waste. We managed to collect nearly 25 tons of e-waste, approximately 16,000 tires and other recyclable materials without spending one extra dollar of general fund monies.

The Community Services Section fielded over 1800 complaints in 2011. This number forced us to re-evaluate the way that we perform board abatements. The first order of action was to try a new educational campaign. Our evaluation of this program will take place in early 2012. Also, we became involved in the physical abatement process and found that we were able to complete 12 abatements per week rather than the average of 15 every two months.

Consumer Services is responsible for the inspection of food establishments. Consumer Services personnel are also charged with the inspection and licensing of vending machines, temporary event food service inspections, and public swimming pools. A shortage in personnel has caused us to reduce the number of inspections we perform to the state minimum but we are looking at ways to reorganize and get back to more outreach and education as well as inspections.

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. One of the new tasks that has been assigned to this section is enforcement of the indoor air policies such as the workplace smoke-free act.

We look forward to 2012 and the challenges this new year will bring us.

The Women, Infants, and Children (WIC) Program is a nutrition program designed to influence lifetime behaviors in a targeted, high-risk population. WIC provides nutrition and breastfeeding education, vouchers for nutritious foods, and referrals to necessary health care partners. Approximately one out of four pregnant women and roughly 50% of all infants born in the United States participate in WIC. The average caseload for Canton City for 2011 was 2,870 participants per month. In addition, Stark County was one of 56 counties in Ohio that participated in the Farmer's Market Nutrition Program (FMNP). The FMNP redemption rate for 2011 was 72.93%, which was one of the highest in Ohio.

## WIC

2011 signaled the start of our Peer Breastfeeding Program. Peer Helpers are women in the community with personal breastfeeding experience. They provide mother-to-mother breastfeeding education and support which in turn helps mothers successfully reach their breastfeeding goals. Our breastfeeding rates have increased since January. Furthermore, the peer helpers planned the second annual breastfeeding event, which was held at the Kresge lot downtown Canton. WIC also partnered with local organizations to provide activities, educational materials and refreshments. The event was coordinated with the Farmer's Market Nutrition Program.

Along with the Peer Helpers' achievements, WIC also held their first project-wide staff meeting at the Goodwill Campus. This allowed all WIC offices in Stark County to work together and stay informed about local updates. Both Safe Sleep and Keep Our Babies Alive (KOBA) presentations were provided, and education was given to the health professionals on breast pump usage.

The Breastfeeding Peer Helpers, annual breastfeeding event, Farmer's Market Nutrition Program, and project-wide staff meeting have had a positive impact on our community. The Canton City WIC Program has proven to be effective in promoting breastfeeding and improving the health of participants during critical times of growth and development. As our caseload continues to grow, WIC will be influential and benefit our surrounding communities.

Visit us at  
[cantonhealth.org](http://cantonhealth.org)

## EH Activities

Animal Bites	550
Food Protection Activities	2,234
Nuisance Complaint Investigations	3,633
Pool and Spa Inspections	80
School Inspections	293
Solid/Infectious Waste Activities	66
Tattoo/Body Piercing Inspections	77