

# Lake County General Health District

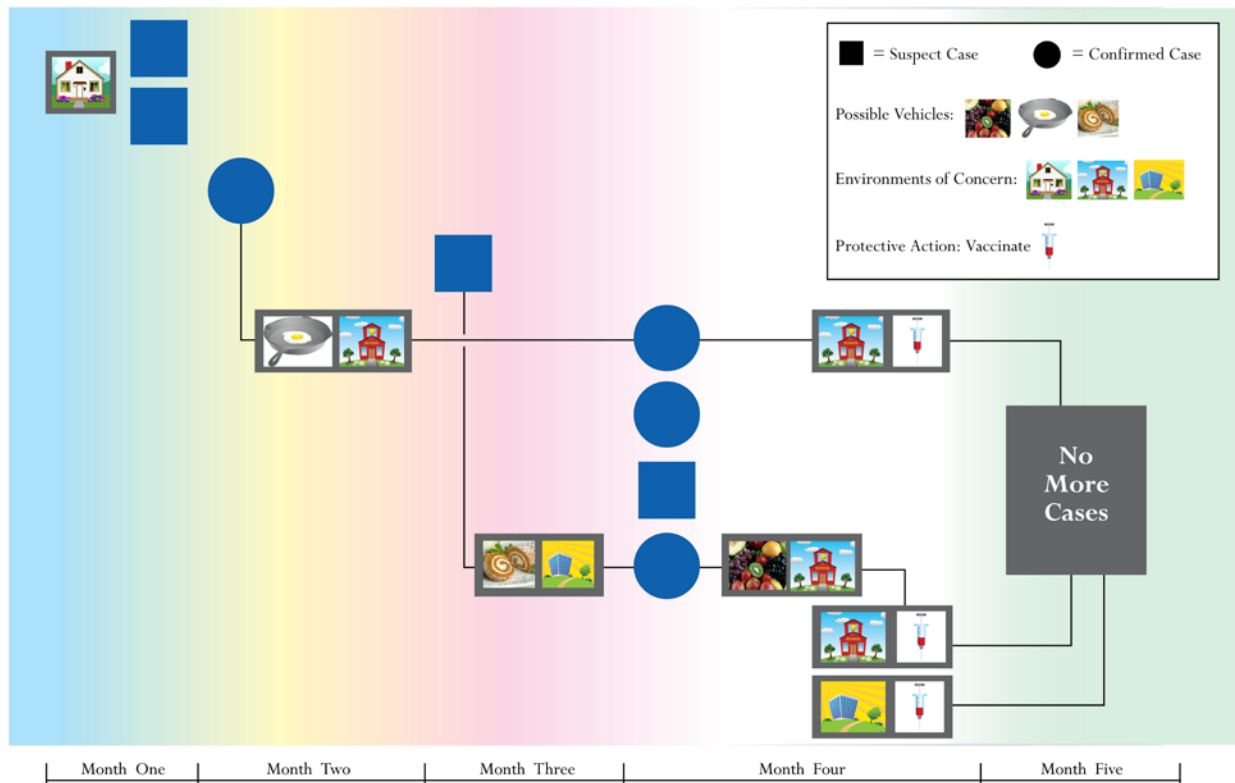
Lake County  
General Health District



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



## Hepatitis A Outbreak Pictogram, 2013



*Illustration by K. Durchik & E. Rinnder*

# 2013 Annual Report



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

# Lake County General Health District

33 Mill Street  
Painesville, Ohio 44077

Painesville: (440) 350-2543  
Cleveland: (440) 918-2543  
Madison: (440) 428-4348 x2543  
Fax: (440) 350-2548  
[www.lcghd.org](http://www.lcghd.org)

*Frank Kellogg, R.S., M.P.H., Health Commissioner*

March 10, 2014

Dear Residents of Lake County:

Once again, it is with great pleasure that I present to you the attached 2013 Lake County General Health District (LCGHD) Annual Report. As Ohio first formed Health Districts in 1920, this should be our 94<sup>th</sup> Annual Report.

In this annual letter I would like to say a few words about the front and back cover of this report. On the front cover is a somewhat cryptic (to comply with [HIPAA](#)) pictogram of a Hepatitis A outbreak that occurred in Lake County in 2013. The fact that there was such an event or that it occurred in Lake County is not novel or news. What the pictogram represents however is a demonstration of the process of Assessment (disease surveillance and investigation), Policy Development (educating and mobilizing partnerships and solving problems), and Assurance (outbreak mitigation and linking to care by a competent workforce). All of these functions fit within CDC's [10 Essential Public Health Services](#).

This particular outbreak involved [Hepatitis A](#) which is an acute liver disease caused by the Hepatitis A virus lasting from a few weeks to several months. Almost all people who get Hepatitis A recover completely and do not have any lasting liver damage, although they may feel sick for months and occasionally have longer term consequences. There is no cure. The illness is caused by the ingestion of fecal matter, even in microscopic amounts, from close person-to-person contact or ingestion of contaminated food or drinks. Hepatitis A is a vaccine preventable disease (although not mandatory) and vaccination is recommended for all children starting at age 1. There were 34 cases of this [Class B reportable disease](#) in Ohio in 2011 and only 3 Lake County cases in 2012 and 8 cases in 2013, seven of which were related to this outbreak. Symptoms occur anywhere from 2 to 6 weeks after exposure and some people (especially children) may be asymptomatic.

The diagram on the cover illustrates that the first case likely occurred in a home setting and was likely then transmitted to another adult within an adult school setting. One of these infected individuals then infected another person while making two food items, one of which was distributed at a school holiday party and another to fellow workers at a local restaurant, thus exposing all of the restaurant employees. Once some of the illnesses were reported to the LCGHD, an investigation by LCGHD staff discovered all of these potential links and took preventive actions to halt the outbreak. Staff activated our outbreak response plan, consulted with ODH officials, made notification to school and workplace managers, deployed environmental health sanitarians to make inspections and ascertain risk, operated a nursing call center to evaluate the immunization records of 58 children and made arrangements to acquire 100 doses of hepatitis A vaccine. Vaccination clinics for at risk individuals were held immunizing 38 adults and 13 children and the outbreak was put to an end with no further cases.

This outbreak is a perfect demonstration of why public health programs are important and necessary. Further, it demonstrates staff dedication, interoffice teamwork, and cooperation between the public and our private sector

partners. The LCGHD actions clearly stopped a broader outbreak from occurring and who knows, the prevented cases could have been you, me or someone we love.

Although the front cover depicts the prevention of a communicable disease, the back cover illustrates the prevention of chronic disease, in this case, obesity. The health problems associated with obesity are numerous and include heart disease, stroke, high blood pressure, and diabetes to name a few. Obesity is not just a cosmetic problem, it is a health hazard. Someone who is 40% overweight is twice as likely to die prematurely as is a normal-weight person. According to the [LCGHD 2011 Community Assessment](#), 68% of Lake County adults are overweight and include 35% who are considered obese. According to the same assessment, adult and child obesity are considered the #1 and #4 most important health problem facing Lake County besides mental health and drug addiction. The [2013 Lake Health Community Assessment](#) has demonstrated similar findings. Further, the rate of obesity in children has nearly tripled over the past 30 years. Experts have warned that kids today may be the first generation in history to live shorter lives than their parents.

The “JUST RUN” event depicted on the back cover was a 5K race to kick-off the [Fairport Harbor Enchantment of Healthy Living](#) event on June 8. Fairport Harbor Village was formally recognized by the LCGHD in 2012 as the first Lake County [ACHIEVE](#) Wellness Community. On the morning of June 8, 2013 the race was held for 526 participating children representing 16 schools across Lake County. The LCGHD began this program in 2010 with one school and 60 children which has now grown to 16 schools and 765 children. Even broader participation is expected in future years. This [nation-wide](#) program was designed using evidence based methods to introduce 2<sup>nd</sup> through 7<sup>th</sup> graders to the lifelong physical activity of running and promotes fitness and healthy lifestyle choices while combating obesity and its related illnesses. It is meant to give our children a life-long-healthy habit that produces real health benefits as well as health care cost savings to society. Again, the prevented cases of obesity may be your children or grandchildren.

Finally, I would note that this will be my last annual report as I enter retirement beginning in 2015. The LCGHD Board of Health has chosen Painesville Twp. resident and current Deputy Health Commissioner and Community Health Services Director Ron Graham RD, LD, M.P.H to be the next Health Commissioner and Ron is well suited to the task. Ron’s stated goal is to continue the Health District on a path that prioritizes the health of the community and that leads to financial sustainability. If Ron enjoys the same support from the Board of Health, the dedicated LCGHD professional staff, the community, and our public health partners as I have, he will be successful in upholding our proud reputation of delivering excellence in public health services and our common task of Prevention, Health Promotion and Protection.

It has been my honor to live in Lake County and to serve its residents.

Sincerely,

Frank Kellogg, RS, MPH  
Health Commissioner

# TABLE OF CONTENTS

Board of Health.....	5
Administrative Personnel.....	6
Vital Statistics Staff .....	6
Community Health Services Staff .....	7-8
Environmental Health Program Staff.....	9
Seasonal Employees Hired In Calendar Year 2011 .....	10
Advisory Committees to the Board of Health.....	10
Child Health Services Advisory Council.....	10
Health District Licensing Council .....	10
Contracting Individuals/Agencies/Consultants.....	11
<b>1.0 REPORT OF THE HEALTH COMMISSIONER .....</b>	<b>12-24</b>
1.01 Introduction.....	12-14
1.02 Board of Health.....	15-16
1.03 Financial Overview.....	17-19
1.04 Vital Statistics .....	20-24
<b>2.0 REPORT OF THE DIRECTOR</b>	
<b>ENVIRONMENTAL HEALTH PROGRAMS.....</b>	<b>25-42</b>
Administration .....	25
Potable Water Supply .....	25
Bioterrorism/Disaster Response.....	25
Sewage Treatment.....	26
Stormwater.....	26
Solid Waste Program .....	26
Radiological Health Program.....	26
Recreation Areas .....	27
Schools .....	27
Food Protection.....	27
Public Health Nuisances .....	27-28
Rabies Control Program.....	28
Mosquito Control Program .....	28
Air Pollution Program.....	29
Plumbing Program .....	29
Miscellaneous .....	29
Charts and Graphs.....	30-42
<b>3.0 REPORT OF THE DIRECTOR</b>	
<b>COMMUNITY HEALTH SERVICES.....</b>	<b>43-74</b>
3.01 Administrative Review .....	43-51

## TABLE OF CONTENTS (cont.)

3.02	Clinical Services .....	51-61
	3.02.01 Well Child Clinic .....	52-53
	3.02.02 Lead Testing .....	53
	3.02.03 Immunizations .....	53
	3.02.03.01 Childhood Immunizations .....	53-54
	3.02.03.02 Adult Immunizations .....	54-55
	3.02.03.03 Flu Clinics .....	55-56
	3.02.04 Bureau of Children with Medical Handicaps .....	56
	3.02.05 Newborn Home Visit Program .....	56-57
	3.02.06 Communicable Disease .....	57-59
	3.02.07 Rabies Vaccine .....	59
	3.02.08 Tuberculosis Control Program .....	59-60
	3.02.09 Hepatitis C Antibody Screening Clinic .....	60
	3.02.10 Community Education for Child Care Providers .....	60-61
	3.02.11 Other Public Health Clinical Activities .....	61
3.03	Public Health Social Work .....	61-64
	3.03.01 HIV Prevention .....	61-62
	3.03.02 HIV Medical Case Management .....	62
	3.03.02.01 HIV Case Management Demographics .....	62
	3.03.03 HIV Early Intervention Services .....	63
	3.03.04 HIV Food Bank .....	63
	3.03.05 HIV Outreach .....	63
	3.03.06 Ohio Benefits Bank .....	63
	3.03.07 Drug Assistance Program .....	64
	3.03.08 Certified Application Counseling (CAC) .....	64
3.04	WIC .....	65-67
	3.04.01 WIC Program .....	65
	3.04.02 WIC Funding .....	65
	3.04.03 WIC Locations and Caseload .....	66
	3.04.04 WIC Vendors .....	66
	3.04.05 WIC's Other Programs .....	67
3.05	Health Promotion and Planning .....	67-74
	3.05.01 Unit Supervisor's Report .....	67
	3.05.02 Health Educators .....	68-74
	3.05.02.01 Preparedness Specialist .....	68
	3.05.02.02 Medical Reserve Corps (MRC) .....	69-70
	3.05.02.03 Safe Communities .....	70-71
	3.05.02.04 ACHIEVE .....	72-73
	3.05.02.05 Registered Dietician .....	73-74

**BOARD OF HEALTH  
LAKE COUNTY GENERAL HEALTH DISTRICT**

Roger Anderson  
2306 River Road  
Willoughby Hills, OH 44094

Timothy Brennan  
102 River Street  
Grand River, OH 44045

Alvin Brown, VMD  
9853 Johnnycake Ridge  
Mentor, OH 44060

Susan Culotta  
9366 Regency Woods Drive  
Kirtland, OH 44094

Edward A. Currier<sup>4</sup>  
9381 Baldwin Road  
Kirtland Hills, OH 44060

Patricia Fowler  
28730 Ridge Road  
Wickliffe, OH 44092

Marcus Garland  
5436 Pinehill Drive  
Mentor-on-the-Lake, OH 44060

Juan Michael Hernandez, MD  
122 Pinehurst Boulevard  
Eastlake, OH 44095

Steve Karns<sup>2</sup>  
6379 Ledge Lake Court  
Painesville, OH 44077

Brian Katz  
5461 Oak Ridge Drive  
Willoughby, OH 44094

Patricia Murphy  
8367 Stirrup Court  
Mentor, OH 44060

Randy Owoc  
1722 Benjamin Road  
Madison, OH 44057

James Pegoraro, President  
8709 Applewood Court  
Mentor, OH 44060

Lynn A. Smith, MD,  
President Pro-Tem  
150 Mentor Avenue  
Painesville, OH 44077

Anthony Vitolo  
31500 Daniel Drive  
Willowick, OH 44095

**HEALTH DISTRICT ADMINISTRATIVE PERSONNEL**

**Frank Kellogg, RS, REHS, MPH**  
Health Commissioner

Carla Baster, DO  
Child Health Physician

Nancy Rodway, MD  
Medical Director

Vicki D. Estep  
Registrar/Administrative Secretary

**FINANCE/HUMAN RESOURCES**

Jeffrey Campbell, CPA  
Senior Manager

Timothy L. Snell, BS, AB, MCSE  
Data/Office Manager

Cynthia Bolt  
Administrative Clerical Specialist

Jami Stout  
Administrative Clerical Specialist

**VITAL STATISTICS**

Vicki Estep, Registrar

Joanne Bryan<sup>5, 1</sup>  
Deputy Registrar

Jacqueline Filipek<sup>4</sup>  
Clerical Specialist III

Julie Caine<sup>3</sup>  
Deputy Registrar

Terry Keener  
Clerical Specialist III

## **COMMUNITY HEALTH SERVICES**

Ron Graham, MPH, RD, LD, Director  
Sandra Allison, LSW, BA, PHSW Supervisor  
Kathleen Durchik, RN, BA, MPH, Director of Nursing  
Kathy Milo, BS, MEd, Health Promotion and Planning Supervisor  
Lauren Henderson, RD, LD, WIC Supervisor  
Judi Waite, Clinical Services Clerical Supervisor  
Ann Donley, PHSW Clerical Supervisor  
Laura Nygord, WIC Clerical Supervisor

Loree Albright, LD, RD, BS  
WIC Nutritionist

Oliver Curwen, MA<sup>7</sup>  
Help Me Grow Home Visitor

Lisa Baker  
Dietician

Ryan DeLuca<sup>1</sup>  
Public Health Social Worker

Katelyn Barbis, MEd  
Health Educator

Sonja Early  
Clerical Specialist III

Lisa Beebe  
Clerical Specialist III

Jennifer Fabian  
WIC Clerical Specialist III

Catherine Bevan  
Associate Health Educator

April Fraiser, BS<sup>7</sup>  
Help Me Grow Service Coordinator

Linda Burkholder, RNC  
Public Health Nurse II/TB Coordinator

Melody Gomez<sup>1,7</sup>  
WIC Clerical Specialist III

Dawn Candow, BS<sup>7</sup>  
Help Me Grow Service Coordinator

Annette Hayes, AA<sup>7</sup>  
Help Me Grow Family Support Specialist

Luann Carano-Anderson, LD, RD, BS  
WIC Nutritionist

Denise Jones  
Clerical Specialist III

Dawn Cole, BS  
Emergency Preparedness Specialist

Cori Kitaura, RD, LD, MS  
Registered Dietician

Patricia Collins-Reed  
WIC Clerical Specialist III

Rachel Klco, LSW<sup>4</sup>  
Social Worker

Brittany Cook-Dowd<sup>7</sup>  
Dental Assistant

Carrie Koenig, BA<sup>7</sup>  
Help Me Grow Service Coordinator



Mary Ludwig, LSW, BS<sup>7</sup>  
Help Me Grow Service Coordinator

Christine Margalis, MEd, CHES  
Health Educator

Marcy McArthur, MEd<sup>4</sup>  
Help Me Grow Service Coordinator

Michele Melnick, LSW  
Social Worker

Mary Miller<sup>4</sup>  
Social Worker

Dawn Moran  
WIC Breastfeeding Peer Consultant

Dawn Nickerson, BS, MEd  
Health Educator

Maureen O'Hearn, RN, BA  
Public Health Nurse II

Jennifer Richmond, RD, LD  
Registered Dietician

Ellyn Ross, MS, LD, RD  
WIC Nutritionist

Kim Samples<sup>1,7</sup>  
WIC Clerical Specialist III

Karen Sarosy  
Clerical Specialist III

Angelica Soto  
Clerical Specialist III/Translator

Cherise Stabler, RN, BSN  
PHN III/Communicable Disease  
Coordinator

Cynthia Stoerkel  
WIC Clerical Specialist III

Carol Tackett, RN  
Public Health Nurse II, BCMH

Jennifer Tallion, BS, LSW<sup>7</sup>  
Help Me Grow Service Coordinator

Lisa Turoczy<sup>1,4</sup>  
Health Educator

Kathleen Vernon, RN, BSN  
Public Health Nurse II

Jenifer Vittek<sup>1</sup>  
PH Social Worker

**ENVIRONMENTAL HEALTH PROGRAM**

Nancy Niehus, MS, RS, REHS, Director, Environmental Health Programs  
Laura K. Kuns, BS, RS, Supervisor, Water, Solid & Liquid Waste Programs  
Bert Mechenbier, BA, RS, Supervisor, Air Pollution Control Programs  
Marianne Rusnak, Clerical Supervisor  
Terry Kent, RS, Supervisor Mosquito and Special Projects

Susan Bell, MS, RS<sup>4</sup>  
Public Health Sanitarian II

Chris Loxterman, BS, RS  
Public Health Sanitarian Specialist

Dylan Davis, BA, RSIT  
Public Health Sanitarian I

Dan Marn, BS, RS  
Public Health Sanitarian II

Kristen Fink, BS, RS<sup>1</sup>  
Public Health Sanitarian II

Doug Mehls, BS, RS  
Public Health Sanitarian II

Corey Forrest, BS, RSIT  
Public Health Sanitarian I

Amanda Miller, BS, RSIT  
Public Health Sanitarian I

Barbara Friel  
Clerical Specialist III

Daniel Nicholson  
Plumbing Inspector

Camala Godfrey  
Clerical Specialist III

Elizabeth Rinnder, BS, RS, REHS<sup>3</sup>  
Public Health Sanitarian I

Cadence Hutchinson, BS, RS, REHS  
Public Health Sanitarian II

Davene Sarrocco-Smith, BS, RS, REHS  
Public Health Sanitarian II

Rose Ann Kundtz  
Clerical Specialist III

Francine Scharver, MA, RS<sup>4</sup>  
Public Health Sanitarian II

Dan Lark, BS, RS, REHS  
Public Health Sanitarian Specialist

Paul Stromp, BS, RS, REHS  
Public Health Sanitarian II

**SEASONAL EMPLOYEES HIRED IN CALENDAR YEAR 2013**

Holly Dudas	John Lunter, RS, MPH	John Pitts
Donna Hauser	Megan Liggett	Susan Slagel
Lisa Hepper	Tim Lynch	Leigh Smith
Thomas Kaperak	Dale Mullen	
Martin Kuns	Kirby Newsome, Jr.	
Vincent Kuns	Ed Niedoba	

**ADVISORY COMMITTEES TO THE BOARD OF HEALTH**

**CHILD HEALTH SERVICES ADVISORY COUNCIL 2013**

Avril Albaugh	Lauren Henderson,	Angie Quick, RN
Sandra Allison, LSW	RD/LD, Chair	Jerry Ranally
Barbara Davis, MD	Christine Kettunen, RN	Stacy Rihaly, RN, Chair
Kathy Durchik, RN	Sally Klock	Colleen Weaver
Johanna Henz	Christine Margalis	Mary Wynne-Peaspanen
Ron Graham, MPH	Peggy Meros	Joyce Zadd
	Teresa Palm	

Juan M. Hernandez, MD, Liaison, Board of Health

Susan Culotta, PhD, Liaison, Board of Health

**HEALTH DISTRICT LICENSING COUNCIL**

Tim Brennan, Secretary	Randy Owoc, Chairman,	Bob Rideout, Vice-Chair
Tim Gourley*	Board of Health Liaison	Walter Siegel*

\*Pending District Advisory Council Appointment

**CONTRACTING INDIVIDUALS/AGENCIES/CONSULTANTS**

Advance Audiology  
Around the Clock Home Care, Inc.  
Ashtabula County Health District  
Board of Cuyahoga County Commissioners  
Family Planning Association of NE Ohio  
FENOC  
Lake County Board of Commissioners  
Lake Co. Family & Children First Council  
Lake County Jobs & Family Services  
Lake County Stormwater Management  
Department  
Lakeland Community College  
Language Line, Inc.  
Lee Specialists, Inc.  
Madison Village  
Mary Anne's Family Hearing

Mentor City  
Mooney, Valarie – Plumbing Inspector  
Neighboring – Consumer Choice  
Ohio Dept of Health - BCMH  
Ohio Dept of Health – Lead Prevention  
Ohio Dept of Health – Radiation  
Ohio Environmental Protection Agency  
PM & Family Investment, LCC  
Portsmouth City Health Department,  
HIV/STD Division  
Stehlik, Donovan – Plumbing Inspector  
Stephens, Christopher – Plumbing Inspector  
Willoughby City  
Willoughby Hills City  
Willowick City

<sup>1</sup> Employed 2013

<sup>2</sup> Appointed 2013

<sup>3</sup> Promoted 2013

<sup>4</sup> Resigned 2013

<sup>5</sup> Retired 2013

<sup>6</sup> Laid Off 2013

<sup>7</sup> Terminated 2013

<sup>8</sup> Title Change 2013

<sup>9</sup> Lateral Transfer 2013

<sup>10</sup> Deceased 2013

## **1.0 REPORT OF THE HEALTH COMMISSIONER**

### **1.01 Introduction**

Below are some of the significant highlights during 2013 that demonstrate our staff accomplishments:

- 1) Lake County retained its status in the Robert Woods Johnson 2013 [County Health Rankings](#), being ranked the 17th healthiest Ohio county in “Health Outcomes” (today’s health) and 12th in Health Factors (tomorrow’s health).
- 2) Collected and disposed of 4,847 lbs of discarded [Pharmaceutical Drugs](#) in this program enacted at the end of 2010 to reduce pollution and drug abuse. This is an increase of 31% over 2012 totals of 3,710 lbs. Total collected since the beginning of the program is 10,615 lbs.
- 3) The Health Commissioner continued to serve on the Assoc. of [Ohio Health Commissioners](#) (AOHC). Public Affairs Committee, AOHC Board of Directors, the Ohio EMA CBRNE Detection Working Group, the [Lake County Opiate Task Force](#), the [NACCHO Congressional Action Network](#) and the [Ohio Retail Food Safety Advisory Council](#).
- 4) Completed [2012 State audit](#). No deficiencies, material weaknesses, material misstatements, or instances of GAS non-compliance were found.
- 5) The state budget bill ([HB 59](#)) mandated LHD accreditation by 2020, required continuing education for BOH members and established a system for the collection of common public health quality indicators common to all LHD’s
- 6) Passed the programmatic surveys and audits for [the solid waste, private water](#) and [safe communities](#) programs
- 7) Staff has donated \$2,044 to various Lake County charities including the [Lake County United Way](#), the [Cleveland Food Bank](#), [Salvation Army Painesville](#), [Lake Humane Society](#), [Project Hope for the Homeless](#) and others.
- 8) On July 25<sup>th</sup>, 2013 the LCGHD submitted its documentation for consideration in the second stage of the [Public Health Accreditation Board](#) (PHAB) process. Only the 5<sup>th</sup> LHD in Ohio to submit.
- 9) R. Graham was appointed to [the Lakeland Community College’s Nonprofit and Public Service Center](#) Advisory Committee, appointed as Chair of the [Office of Public Health Practice at Northeast Ohio Medical University](#), appointed to one of four state-wide community leader seats on the [Ohio Alliance of YMCA’s](#), served as Government Employee Co-Chair for the [United Way](#), and was selected as Chair Elect of the [Lake County Family and Children First Council](#).
- 10) Organized and led the [Just Run Lake County Kids 5K Run](#) with 526 runners representing 16 schools at the [Fairport Harbor Enchantment of Healthy Living](#) event on June 8.
- 11) Responded to the July 20 flood event with increased solid waste, food, housing and beach inspections and sustained \$35,000 in damages to the LCGHD main facility in Painesville of which \$26,238 was reimbursed by the Ohio EMA.
- 12) Became the first local health district in Ohio to receive funding (\$21,500) under [Ohio’s Medicaid Provider Incentive Program](#) for obtaining electronic health

- records software.
- 13) Resolved 1 local and 1 federal multi-million dollar lawsuit concerning a new HSTS system and storm water contamination.
  - 14) Staff was instrumental in resolving a cat hoarding issue in Willoughby.
  - 15) 2013 was the second consecutive year since 2004 when there were [no raccoon strain rabies cases within Lake County](#).
  - 16) There was [one human WNV case](#) in Lake County in 2013 (the 13<sup>th</sup> such case since 2002) and [24 in Ohio](#) and [2,374 in the US](#) in 2013. The ODH discontinued testing mosquitoes for WNV.
  - 17) LCGHD staff was recognized in two national publications ([MMWR](#) and [NACDD](#)) for their efforts in rabies control and promoting Health Communities respectively.
  - 18) Met two times in 2013 with [executive staff of Lake Health](#) and worked cooperatively through the year to integrate primary care and public health. Lake Health executive Steve Karns was appointed to the LCGHD Board of Health.
  - 19) Began practice of holding open house meetings with newly elected and appointed county, city village and township officials.
  - 20) Completed a “Community Leader” survey of all leading city, township and village officials.
  - 21) Proposed a Lake County [Project DAWN](#) program to ODH and the Lake County United Way.
  - 22) Completed an [ADA audit](#) of LCGHD facilities.
  - 23) In October, began completing electronic inspection of all LCGHD licensed food facilities. Data will be [available on the internet](#) beginning in January 2014.
  - 24) Developed a plan for [Medicaid Administrative Claiming \(MAC\)](#) for Environmental Health staff.
  - 25) Researched the impact of [leaded aviation gas \(AVGAS\)](#) in Lake County.
  - 26) Prompted in part by a 2008 LCGHD sponsored verified complaint, on August 23, 2013 the Ohio EPA filed [suit](#) seeking remedy/penalties for the 265,000 tons of salt dumped near [Mentor Marsh](#) in 1966.
  - 27) Improved the LCGHD preparedness [Cities Readiness Initiative \(CRI\) score](#) from 71 in past audits to 94.
  - 28) Received and began implementation of a \$35,000 grant from the [Ohio Association of Foodbanks](#) to provide assistance to residents of Lake, Ashtabula and Geauga counties concerning the [Affordable Care Act](#).
  - 29) In September the ODH awarded the LCGHD a GOLD [Healthy Ohio Community](#) award.

This following section of “highlights” notes many of the routine activities of the LCGHD noted elsewhere in this report including:

- 1) Fall distribution of 38,800 [Oral Rabies Vaccine](#) (ORV) baits by hand throughout the county.
- 2) Held 20 [Well Child](#) clinics providing 126 complete child physicals
- 3) Tested 101 children for blood lead levels.
- 4) Gave 2,349 childhood and 611 adult vaccinations.
- 5) Managed an active case load of 218 Lake County children in the [BCMh](#) treatment program.
- 6) Made 135 [newborn home visits](#).
- 7) Assured access to Infant Metabolic Screening and Hearing for 10 infants born at home
- 8) Tracked and investigated 1,331 reports of Class A [communicable disease](#), , 91 EPI Centers and 3 outbreaks
- 9) Performed 807 TB tests.
- 10) Administered 1,513 does of [seasonal flu vaccine](#).
- 11) Gave services to 201 families newly enrolled in our [Help Me Grow](#) Program and an additional 100 ongoing families during the first half of 2013.
- 12) Gave nutrition services to an average caseload of 3,877 [WIC](#) clients.
- 13) Distributed 91 [child safety seats](#).
- 14) Administered 495 [HIV tests](#).
- 15) Gave assistance to 310 underinsured or uninsured residents in [lowering their prescription medication](#) costs. Assisted the Health District Fund in obtaining \$15,000 to support the staffing costs related to program expansion to serve both Geauga and Lake Counties (37 clients and 273 clients respectively).
- 16) Investigated 629 animal bites/exposures and 706 [nuisance complaints](#).
- 17) Trapped, identified and/or tested over 10,035 mosquitoes, catalogued and mapped 46 dead bird calls and had one human case of WNV and no cases of Lacrosse encephalitis. 23 mosquito control routes were adulticided 103 times over 22 nights.
- 18) Lake County experienced 4 [ozone action](#) and 1 small particulate matter advisory days in 2013 as compared to 22 and 27 respectively in 2012.
- 19) Made inspections of 94 [Smoke Free Workplace](#) complaints.
- 20) Tested two Lake County [bathing beaches](#) on 105 summer days.
- 21) No raccoon strain and 3 bat strain animal rabies cases occurred in 2013.
- 22) Inspected 7,844 plumbing fixtures.
- 23) Conducted 4,365 inspections of 1,226 food operations.
- 24) Conducted 302 inspections of 113 public swimming pools.
- 25) Distributed an additional 7,544 [KI pills](#) to the public.

## **1.02 Board of Health**

The [Board of Health](#) (BOH) of the Lake County General Health District (LCGHD) holds its regularly scheduled meetings on the third Monday of each month. The Board is under the leadership of Jim Pegoraro who is now in his second term as Board President being re-elected to the position in August. Dr. Lynn Smith continues as President Pro-Tempore. These two officers represent over 54 years of BOH experience.

Patty Fowler, Dr. Juan Hernandez and Roger Anderson were all reappointed to the BOH for 5 year terms by their respective cities of Wickliffe, Eastlake and Willoughby Hills. The BOH appointed Lake Hospital Senior Vic-President and Concord Twp. resident Steve Karns to replace former BOH member Ed Currier who resigned from the Board in late May. Mr. Karns appointment will be up for confirmation by the Lake County District Advisory Council in March 2014.

The 14 members of the Board represent all 23 political subdivisions within Lake County and those licensed by the LCGHD. Their primary purpose is to establish public health policy for the Health District. The Board's authority includes the ability to a) establish a budget, b) refer violators of public health laws for prosecution, c) accept grant funds, d) establish contracts with certain individuals/agencies, e) hire certain positions, f) make public health policy, g) adopt local regulations and h) approve certain purchases. Most Board of Health powers can be found in [ORC 3707](#).

The overall attendance at the 12 regularly scheduled monthly meetings was over 87%. Four members, Roger Anderson, Patty Fowler, Marc Garland, and Tony Vitolo had 100% attendance and 8 additional members missed 2 or less meetings. There were 18 committee meetings held during the year.

In 2013, Board of Health actions included:

- 1) Approved a 10-year, \$312,070 contract with First Energy for LCGHD Field Monitoring Team services.
- 2) Approved a 2014 Budget.
- 3) Approved the sewage plan submission of Alpenrose Subdivision (11 lots) in Kirtland.
- 4) Approved the sewage plan resubmission of Maple Valley Subdivision (18 lots) in Willoughby Hills.
- 5) Approved personnel policies and directed the Health Commissioner and management staff to thoroughly review/revise said policies and recommend revisions to the Board of Health by the end of 2014.
- 6) Approved an Ohio EPA Air Pollution Contract Extension for additional 3 months.
- 7) Approved payment to Marut & Sons Excavating Co. for \$10,683.14 for drainage improvements to the LCGHD building.
- 8) Approved payment to RestorexMD for \$11,986.07 for post flood clean-up services.
- 9) Approved changes to the LCGHD organizational chart to create a Public Health Social Work unit.



- 10) Approved changes to policies concerning medical, dental and vision insurances.
- 11) Approved a 5-year contract with Ron Graham to serve as Health Commissioner effective January 1, 2015.
- 12) Approved a resolution to NOACA for a Transportation for Liveable Communities Initiative ([TLCI](#)) \$75,000 grant in partnership with Mentor, Painesville City, Painesville Twp., [Lake Metroparks](#), [Laketran](#), Grand River, and Fairport Harbor to study and evaluate transportation and pedestrian linkages
- 13) Appointed a Deputy Health Commissioner.
- 14) Referred to the Prosecutor 1 case for failure to comply with housing and solid waste rules.
- 15) Referred to the Prosecutor 7 cases for failure to comply with sewer connection rules.
- 16) Referred to the Prosecutor 1 case for failure to comply with sewage nuisance rules.
- 17) Referred to the Prosecutor 2 cases for failure to comply with animal bite vaccination requirements.
- 18) Tabled 2 cases for failure to comply with sewer connection rules.
- 19) Granted extensions to 2 cases for failure to comply with sewer connection rules.
- 20) Declined to apply for or renew funding for the [Help Me Grow](#) and related programs and discontinue serving as administrative agent for the Lake County FCFC.
- 21) Heard 10 staff presentations concerning various program areas.
- 22) Accepted \$2.05 million in various grant funds.
- 23) Adopted a Resolution of Appreciation and Farewell to retiring staff member Joanne Bryan.
- 24) Adopted a Resolution of Appreciation and Farewell for former BOH member Edward Currier.
- 25) Adopted a resolution to authorize disability insurance deductions.
- 26) Adopted recommendations to adopt certain fee increases.
- 27) Purchased and equipped a radiological Field Monitoring Team special response vehicle for \$40,000.
- 28) Purchased Four 2013 Ford Focus Automobiles for a net cost of \$49,696.
- 29) Purchased mosquito larval control products for up to \$12,000.
- 30) Purchased 8 drums (440 gallons) of [Duet mosquito adulticide](#) for \$67,980 (\$154.50/gal).
- 31) Authorized the purchase a 2013 GMC Sierra 1500 Regular Cab Pickup Truck for \$18,313.70.
- 32) Provided \$15,000 to the [NE Ohio Drug Repository](#) to support the LCGHD Drug Assistance Program.
- 33) Granted a variance from sewage rules to Perry One Stop Sunoco.

### **1.03 FINANCIAL OVERVIEW**

A. **Public Health Disbursements**

Public Health Disbursements totaled \$6,039,082 in 2013. A breakdown of these disbursements is shown in figure 2. Salary, Fringe benefits, and contract services account 73% of all disbursements. Included in the contract services line item is the cost of contractual services of social workers, and other public health care service providers.

B. **Public Health Receipts**

Health District receipts come from a variety of sources including taxes, fees for service, grants and State subsidies. For 2013 receipts other than tax dollars totaled \$3,557,440 which represents 64% of the dollars received. A breakdown of the major sources of receipts is shown in figure 1.

C. **Tax Support**

The primary reason that tax dollars are needed is that the State has mandated local health departments to conduct certain public health programs without any means of reimbursement. Examples of such programs include rabies control, vector borne disease program, and school inspections. Tax dollars received in 2013 totaled \$1,992,983.

D. **Cost Analysis**

In order to protect public tax dollars and to insure the proper fee is being charged for Health District services, a detailed cost analysis is prepared by the Health District staff. This detailed report is presented each year to the Board's Policy Review Committee which examines the issues surrounding the cost of providing services, including salaries, fringe benefits, and productivity.

**Lake County General Health District  
Receipts and Disbursements**

Receipts	2013 Actual	2014 Amended	2015 Projected
Receipts other than Tax Dollars	\$ 3,557,440	\$ 3,460,698	\$ 3,326,866
Public Health Support - Tax Dollars	\$ 1,992,983	\$ 1,992,985	\$ 2,016,852
Previous Year End Cash Balance	\$ 150,010	\$ 401,936	\$ 340,219
Obligated Funds from Previous Year	\$ 2,323,400	\$ 1,582,816	\$ -
<b>Total Cash Receipts</b>	<b>\$ 8,023,834</b>	<b>\$ 7,438,435</b>	<b>\$ 5,683,937</b>
<b>Disbursements</b>			
<b>Total Disbursements</b>	<b>\$ 6,039,082</b>	<b>\$ 7,098,216</b>	<b>\$ 5,683,937</b>
Ending Year Balance	\$ 401,936	\$ 340,219	
Obligations carried forward	\$ 1,582,816		
<b>Total Disbursements and Obligations</b>	<b>\$ 8,023,834</b>	<b>\$ 7,438,435</b>	<b>\$ 5,683,937</b>
<b>Balance</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

**DISBURSEMENTS BY LINE ITEM**

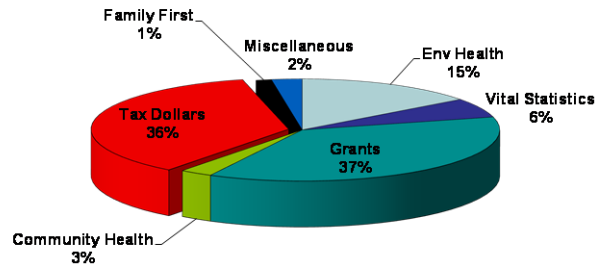
Salaries	\$ 3,011,829	\$ 3,106,231	\$ 3,148,647
Fringe Benefits	\$ 1,196,189	\$ 1,344,932	\$ 1,414,155
Contract Services	\$ 197,706	\$ 226,643	\$ 160,830
Program Supplies, Marketing, Health Ed.	\$ 308,384	\$ 221,710	\$ 260,062
Office Supplies and Postage	\$ 95,616	\$ 91,970	\$ 90,911
Transportation and Travel	\$ 93,792	\$ 100,841	\$ 100,386
Building Expense	\$ 198,606	\$ 181,550	\$ 182,965
Equipment	\$ 1,765	\$ 23,333	\$ -
Returns	\$ 14,516	\$ 2,500	\$ 2,500
Operating Expenses	\$ 272,462	\$ 323,567	\$ 323,481
Contingency	\$ -	\$ -	\$ -
<b>SUB TOTAL</b>	<b>\$ 5,390,865</b>	<b>\$ 5,623,277</b>	<b>\$ 5,683,937</b>
Obligations from previous year	\$ 648,217	\$ 1,474,939	\$ -
<b>TOTAL</b>	<b>\$ 6,039,082</b>	<b>\$ 7,098,216</b>	<b>\$ 5,683,937</b>

**RECEIPTS BY LINE ITEM**

Environmental Health Services	\$ 821,324	\$ 1,014,240	\$ 956,795
Community Health Services	\$ 148,838	\$ 155,478	\$ 150,478
Federal Grants	\$ 1,541,171	\$ 1,394,193	\$ 1,351,190
State Grants	\$ 326,579	\$ 271,942	\$ 270,608
Local Grants and Contracts	\$ 171,075	\$ 167,288	\$ 136,380
Vital Statistics	\$ 340,248	\$ 340,249	\$ 340,249
Family & Children First	\$ 69,559	\$ -	\$ -
Miscellaneous	\$ 138,646	\$ 117,308	\$ 121,166
<b>TOTAL</b>	<b>\$ 3,557,440</b>	<b>\$ 3,460,698</b>	<b>\$ 3,326,866</b>

# Figure 1

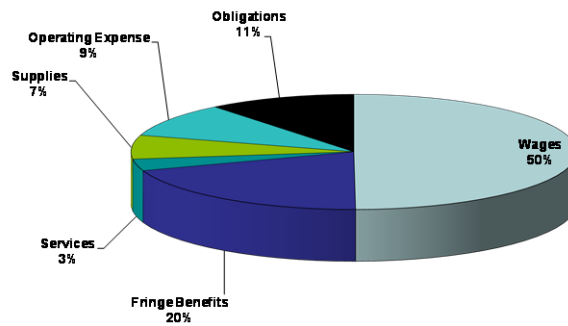
## 2013 Receipts - \$5,550,424



Public Health Service Receipts

# Figure 2

## 2013 Disbursements - \$6,039,082



Public Health Service  
Disbursements

## **1.04 Vital Statistics**

### **Highlights:**

#### **Ohio Must Recognize Gay Marriages on Death Certificates** –

In December 2013 a federal judge ruled that Ohio must acknowledge same-sex marriages on death certificates and went further in his decision to say that lower courts were now applying the recent historic Supreme Court decision striking down the federal ban on recognition of such unions.

The Ohio case was brought by attorneys for a longtime Cincinnati couple, James Obergefell and John Arthur, whose July 11, 2013 wedding on a tarmac in Maryland — where gay marriage is legal — made international headlines. Arthur, who was suffering from ALS, died on Oct. 22. That was when the marriage of the couple, who had been together since 1992, was ordered recognized by the court on Arthur's death certificate.

#### **New Ohio Law to Give Adoptees Access to Birth Certificates (Senate Bill 23)** –

In December 2013 Gov. John Kasich signed Substitute Senate Bill 23 into law, giving 400,000 adoptees access to their original birth certificates starting in March 2015. The law is aimed at people born between 1964 and 1996 — a population that has fallen between the cracks of previous efforts to open records.

Those born prior to 1964 already have access to their original birth certificates. When they reach adulthood, they have full access to their adoption file via request to the Ohio Department of Health for a \$20 fee. And in September 1996, Ohio started allowing adoptees born after that date to receive the document upon reaching the age of 21, unless the biological parents asked that the file be sealed.

The release of information will not happen until **March 20, 2015**; as we receive calls from courts, biological parents, and adoptees regarding what this means to them, we will refer them to the ODH website for information ([www.odh.ohio.gov/vs](http://www.odh.ohio.gov/vs)) or have them call the ODH Vital Statistics customer service number for assistance at [\(614\) 466-2531](tel:6144662531).

#### **Statewide Death Issuance** –

At this time, ODH has stopped moving forward with central issuance of death records and instead is exploring how to get death information into the system faster and more efficient so it can be used to issue recently filed death certificates, similar to birth. ODH is working with its vendor to develop an application that will work outside of EDRS so a death record can be moved electronically from the funeral director to the physician and back for filing. Once this is finalized the State can better identify how to move forward with central issuance of death records. They hope to have a new workflow of death filing within the next 18 months and then revisit how they can electronically issue this information from EDRS in the form of an abstract.

#### **Index Kiosk**

ODH is in the process of offering VS offices a new customer service index kiosk. This application can be set up in our lobby and allows the public the opportunity to search birth and death indexes in real time. The State is hoping to have offices voluntarily adopt this application

this year, and then move towards all offices be changed over to this system by the end of 2015. This will be discussed in more detail on future registrar monthly phone calls. By having the kiosk, we will have the ability to search the state death index, allowing our office to direct a customer to the proper VS office for certificates not filed in our office.

### Vital Statistics Sales and Services Rendered 2013

	2013	2012	2011	2010	2009	2008	2007	2006
Birth Certificates Issued	3889	4138	4659	4855	5627	5776	5581	5210
Out of County Birth Certs Issue	1638	1546	1334	20	0	0	0	0
Web Orders for Birth Certs	476	435	175	0	0	0	0	0
Death Certificates Issued	8766	8741	8328	8434	9556	10092	8882	9194
Web Orders for Death Certs	81	66	40	0	0	0	0	0
Fetal Death Certificates Issued	4	1	2	1	3	4	0	0
Burial Permits Issued	768	711	715	717	773	894	848	546
Birth Certificates Filed	1836	1876	1959	1949	1951	2069	2023	1909
Death Certificates Filed	1860	1845	1751	1704	1772	1804	1636	1715
Free Veterans' Copies	387	378	349	344	393	335	0	0
Affidavits Issued	759	669	581				0	0
Supplements Issued	370	368	282				0	0

In looking at the above table, statistics for the number of birth certificates sold in 2013 was slightly down from 2012, 6,003 versus 6,119. 27% of birth certificates sold were for out of county births, made possible by two specific advancements, Statewide Issuance implemented by the Ohio Department of Health Vital Statistics Bureau and our improved web site with on-line ordering. Since a percentage of Lake County residents have given birth outside of Lake County, the Health District continues to issue birth certificates to those parents and others born outside the County.

The 1860 death certificates filed in Lake County was a record number of recorded deaths. Death certificates can only be filed with and/or issued by the county in which the death occurred.

### Resident Live Births and Resident Deaths – 2008-2012

Event	# Events 2008	# Events 2009	# Events 2010	# Events 2011	# Events 2012	# Events 2013	2012 Data Events occur every
Resident Live Birth	2,532	2,366	2,376	2,280	2,131	2,346	4.1 Hrs
Resident Death	2,237	2,227	2,264	2,343	2,296	2,346	3.8 Hrs
Cancer	533	557	581	526	545	415	16.1 Hrs
Heart Disease	567	516	568	623	567	380	15.4 Hrs
Chronic lower respiratory diseases	151	152	140	144	148	98	2.5 Days
Stroke	129	125	114	119	111	85	3.3 Days
Accidents	80	75	100	86	89	71	4.1 Days
Alzheimer's disease	115	94	78	80	79	62	4.6 Days
Diabetes	70	76	70	61	60	42	6.1 Days
Influenza and Pneumonia	34	28	29	39	38	37	9.6 Days
Nephritis, nephrotic syndrome, and nephrosis	31	27	44	22	31	26	11.8 Days
Intentional Self Harm	39	24	31	40	41	21	8.9 Days

Source: ODH Vital Statistics. Feb 13, 2014

Note: \* Virtually Complete Data (2012)

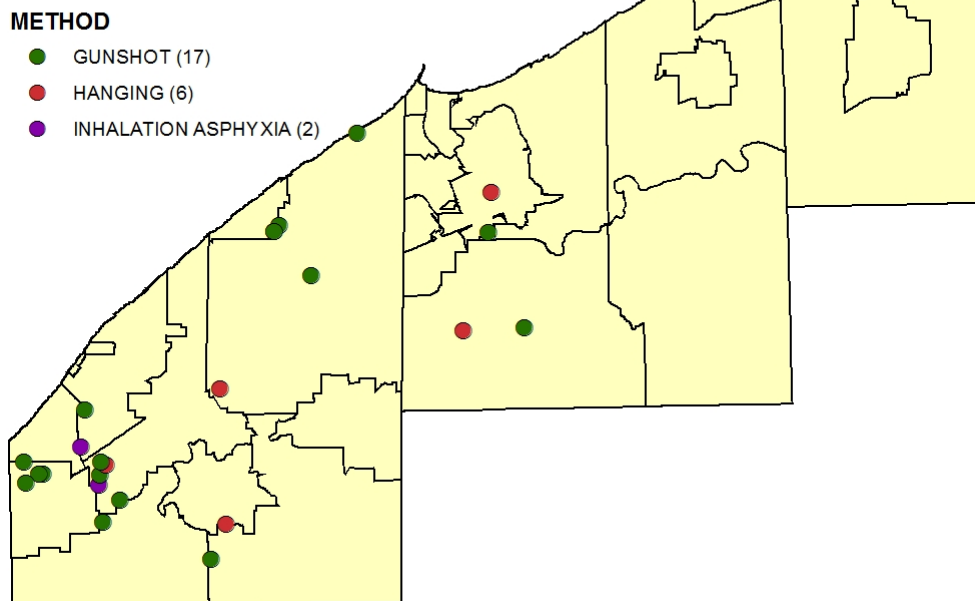
\*\* Very Preliminary (2013)

Cause	Leading Causes of Mortality 2006 thru 2008 Resident Death by Cause					
	Ohio #	Age Adjusted Rate*	Crude Rate*	# Lake County	Age Adjusted Rate*	Crude Rate*
Diseases of the Heart	81,952	209.0	238.1	1751.0	205.8	250.4
Malignant Neoplasms	74,998	195.9	217.9	1640.0	193.0	234.5
Chronic Lower Respiratory Diseases	19,364	50.5	56.3	410.0	48.6	58.6
Cerebrovascular Disease	17,275	44.1	50.2	350.0	41.3	50.0
Alzheimer's Disease	11,507	28.6	33.4	273.0	31.7	39.0
Accidents ,Unintentional Injuries	14,644	40.6	42.5	237.0	32.0	33.9
Diabetes Mellitus	11,021	28.6	32.0	210.0	24.6	30.0
Influenza and Pneumonia	5,775	14.7	16.8	83.0	9.8	11.9
Nephritis, Nephrotic Syndrome & Septicemia	5,318	13.7	15.4	88.0	10.4	12.6
	3,923	10.2	11.4	70.0	8.3	10.0

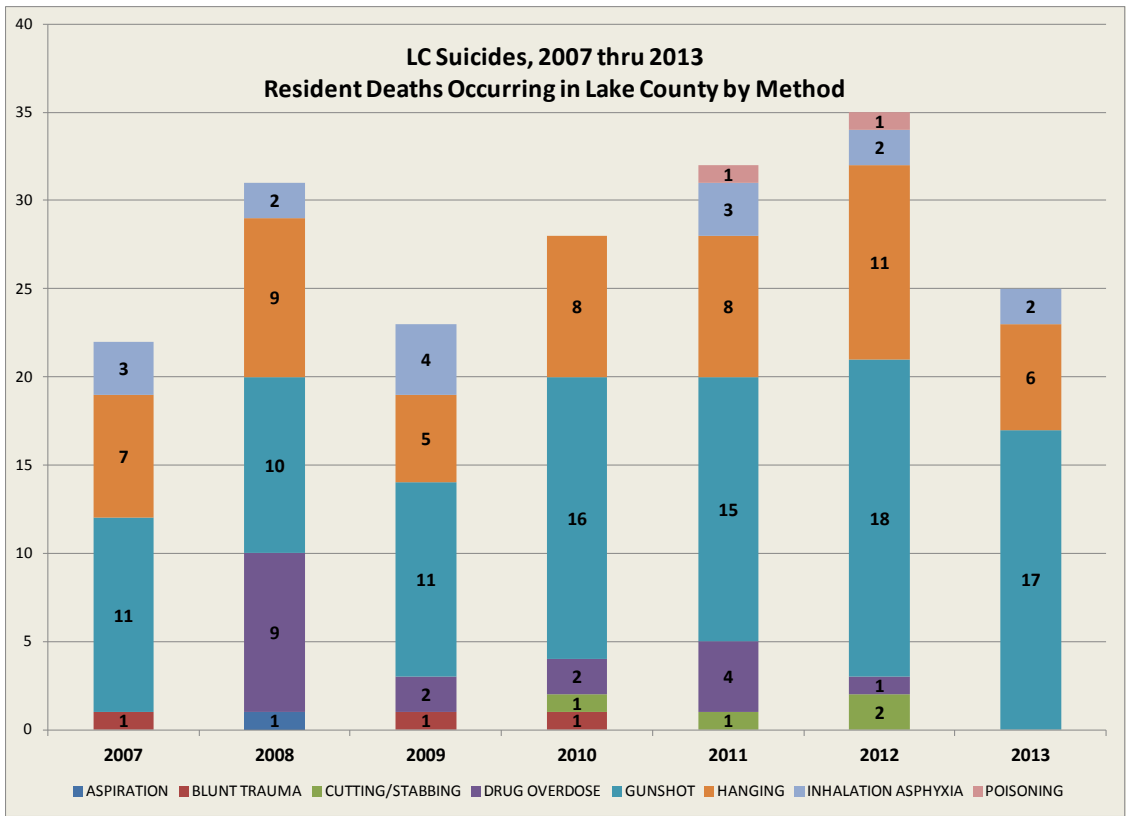
\*Per 100,000 population.

Source: ODH Data Warehouse <http://dwarehouse.odh.ohio.gov/datawarehousev2.htm>

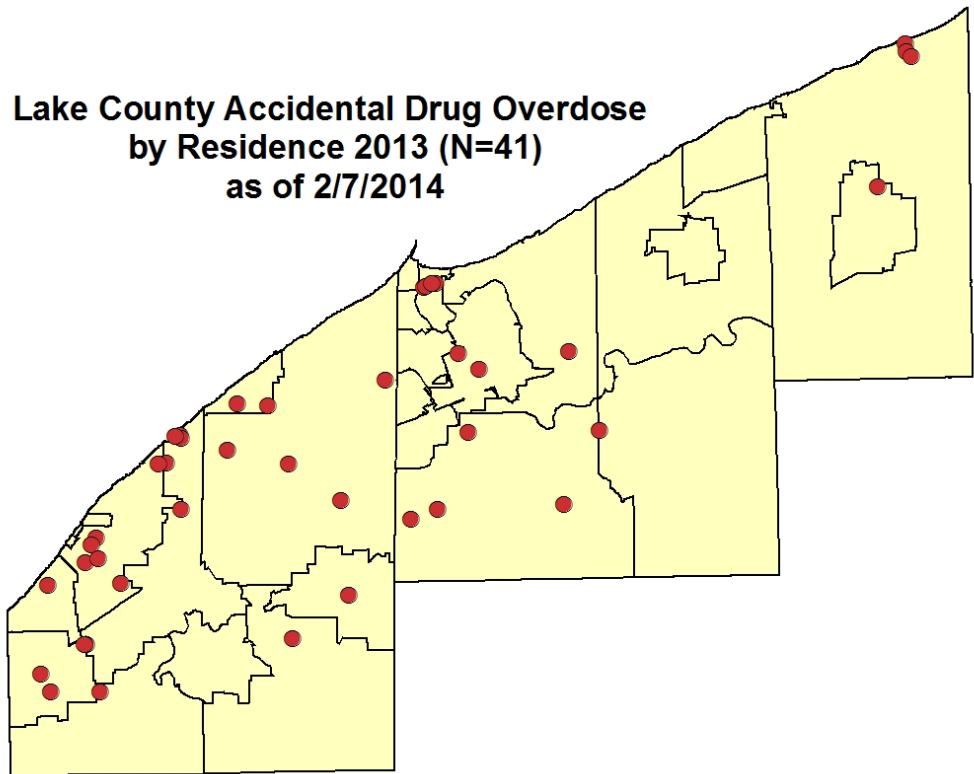
### Lake County Suicides by Residence 2013 (N=25)



Deaths by suicide, which has been on the rise since 2009, decreased by 32% from 2012 to 2013.

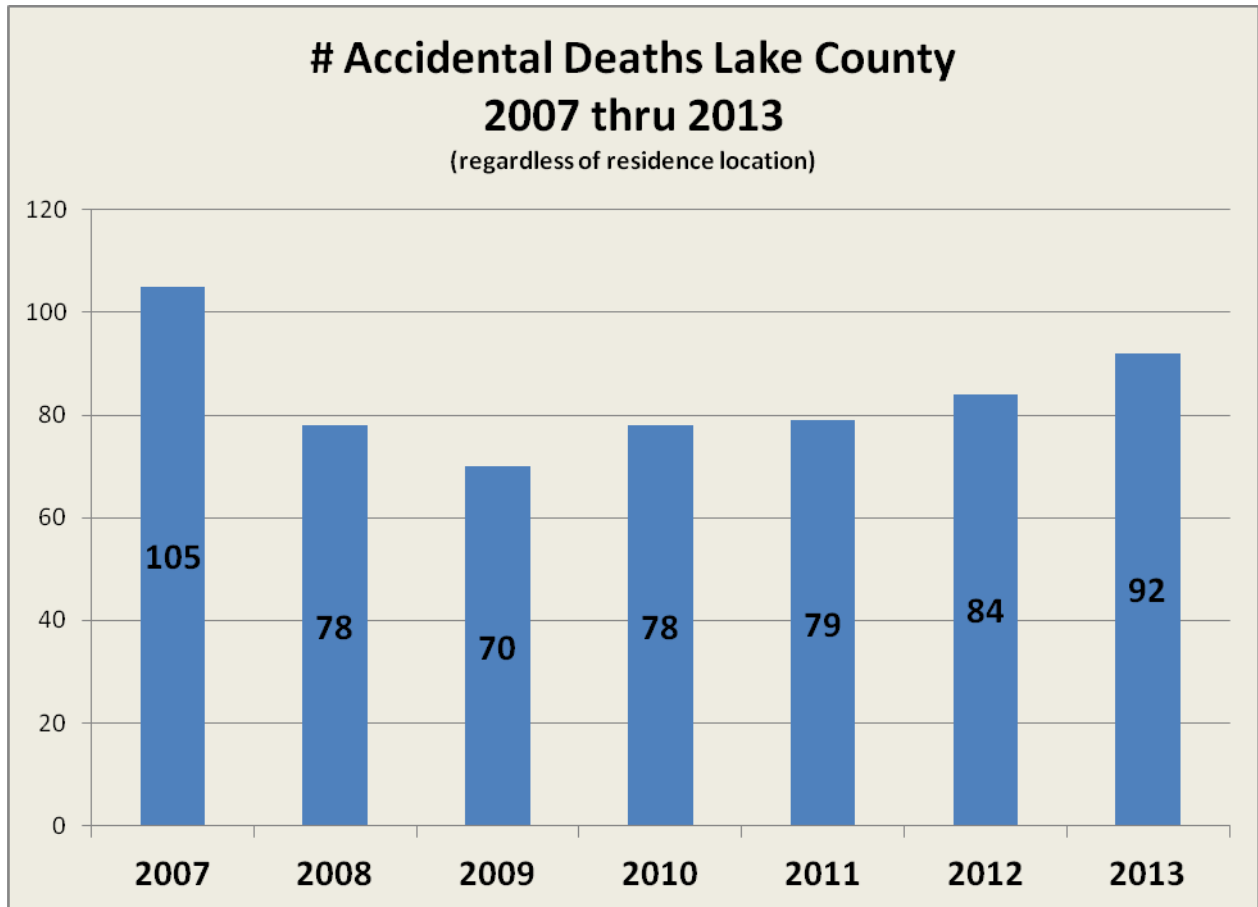


Accidental deaths increased in 2013 by 10%, an increase of 31% in Lake County since 2009.





	2008	2009	2010	2011	2012	2013
Suicides	32	23	29	32	37	25
Accidental Deaths	78	70	78	79	82	92



## **2.0 REPORT OF THE DIRECTOR OF ENVIRONMENTAL HEALTH**

### **2013 ENVIRONMENTAL HEALTH SIGNIFICANT ACCOMPLISHMENTS**

#### **Administration**

- Several Sanitarians obtained National Environmental Health Association (NEHA) Registered Environmental Health Sanitarian (REHS) professional credentials
- Continued efficient operation at reduced staffing levels
- Staff cross-trained to share program responsibilities
- Supervisors handled 52 after-hours calls\*
- Performed 44,012 field and office activities\*
- Obtained legal opinions from Lake County Prosecutor to strengthen internal policy and procedures
- Referred several legal cases for prosecution for failure to comply with Health District orders
- Staff participated in an Ohio Department of Health IT project to help develop a statewide software program for Environmental Health departments
- Promoted Public Health Week “Public Health is ROI”
- Monitor and comment on relevant legislation
- Participated in presentation to new Board Member Steve Karns and newly-elected public officials
- Staff attended Accreditation and quality improvement training and meetings: responsible for contributing content for several domains
- Continue to revise and update web site and post hot topic information
- Provided oversight and management of building drainage improvements, and weed and tree removal
- Instituted monthly Environmental Health in-services and quarterly “all staff” meetings for entire unit
- Staff participate on several professional organizations to further environmental and/or public health efforts
- Water & Waste Supervisor continues to participate on the Lake County Utilities Appeals Board.

#### **Potable Water Supply**

- Revised well sealing procedures
- Participated in ODH PWS monthly conference calls
- Passed state audit of LCGHD Private Water System Program
- Submitted comments on Senate Bill 179 – Water Reuse legislation

#### **Bioterrorism/Disaster Response**

- Staff continues Incident Command training
- Participated in Biowatch advisory committee and drill
- Supervisor participated in Lake County HAZMAT team
- Supervisor serves as LCGHD delegate on Lake Emergency Planning Committee

### Sewage Treatment

- Reviewed and submitted Alpen Rose, Kirtland and Maple Valley, Willoughby Hills subdivisions for approval
- Prepared watershed data for Euclid Creek, Chagrin River and Arcola Creek Watershed reports
- Continue to monitor last phase of Willoughby Hills sanitary sewer project & oversaw issuance of orders
- Kirtland sewer project oversight completed
- Monitored successful NPDES sampling for all permits but two referred for legal action
- Continued to participate on Sewage Rule Advisory Committee and submitted STS rule comments
- Continued to participate on Ohio Sewage Technical Advisory Committee
- Participation on the Marsh Creek Watershed Action Plan Committee
- LCGHD received and distributed Ohio WPCLF money for low-income sewage system repair or replacement
- Hosted sewage rule meetings for sewage system installers, service providers and haulers.
- Water & Waste Supervisor continues to chair the Ohio Environmental Health Association Sewage Technical Committee Chair person

### Stormwater

- Participated in several stormwater training workshops
- Prepared displays for community events including the Lake County Fair and Earth Day
- Working toward resolution of E. 322 St. illicit discharge in Willowick and helped to build a rain garden at Manry Park
- Implemented the first phase of the Illicit Discharge Detection and Elimination Plan for the County storm water member communities
- Presented stormwater education to 100 seventh grade students in schools in Perry and Painesville City

### Solid Waste

- Continued to monitor movement on Mentor Marsh Salt Fill issue
- Ohio EPA approved solid waste program after successfully completing annual solid waste survey
- Collected 4,847 pounds of unwanted medication for appropriate disposal
- Continued to participate on the Diamond Shamrock Community Relations Team
- Licensed landfill on new Ohio EPA eBiz electronic website

### Radiological Health

- The field monitoring team (FMT) continued to train to be ready to respond in the event of a nuclear emergency
- Continued distribution of potassium iodide (KI) tablets to residents and businesses
- Purchased 2 new vans and began conversion process to install cabinets and equipment

### Recreation Areas

- Obtained Lake County beach monitoring grant, collecting 305 samples in 105 day sampling season\*
- Obtained Ashtabula County beach monitoring grant, collecting 168 samples on 42 sampling days
- Continue to monitor Lake Erie public beaches for the harmful algal blooms (HAB)
- Collaborated with USGS to upgrade beach data collection to test a model to predict beach water quality based on environmental conditions
- Continued to assist licensed pools and spas with Virginia Graeme Baker Act and ADA compliance issues
- Staff received training and certification as Certified Pool Operators
- Conducted HAB training meetings for public beach operators and drinking water purveyors in Lake and Ashtabula counties.

### Schools

- Provided guidance to school districts and conducted 160 inspections of school buildings
- Continued to assist schools in eliminating hazardous chemicals and elements, including mercury and mercury-containing devices, from their facilities
- Staff offered guidance to school nurses regarding environmental public health hot topics such as bed bugs, black-legged ticks and mercury

### Food Protection

- Staff began electronic food inspections which are posted on LCGHD web site for public viewing
- Staff participated in a pilot project to present Level One (Person In Charge) certification course to high school voc-ed students
- Two staff members received credentials to become ServSafe trainers for a total of three on staff
- Hosted Ohio Department of Agriculture training programs
- Person in Charge (PIC) and ServSafe food protection courses were presented to 246 and 55 participants, respectively
- Training was conducted for school food service personnel in several districts
- Significant food recalls, hand washing, and holiday food safety messages were displayed on our web site
- Staff participated in Northeast Ohio Food Protection Roundtable
- A sanitarian participated in the Conference for Food Protection, Partnership for Food Protection 50-State Workshop, and is currently serving a 5-year FDA Commission
- Mailed quarterly issues of "Food Talk" food safety information and timely updates
- Provided evening, weekend, and holiday coverage for fairs, festivals, and temporary events
- Completed FDA Voluntary National Retail Food Regulatory Program Standards Self-Assessment with the assistance of a NACCHO mentorship grant and FDA subsidy
- Staff participated on advisory committees for food and hospitality programs at Auburn Career Center and Willoughby-Eastlake Technical Center
- Assisted nursing staff to investigate and manage Hepatitis B case at a food service operation

### Public Health Nuisances

- Responded to 706 citizen complaints
- Provided technical assistance to one community with neighborhood rat problems
- Staff presented educational programs to other agencies on emerging issues such as bedbugs and hoarding

- Continue to respond to increasing number of hoarding complaints in residential homes
- Director participated in Iris Project, a multi-agency consortium to address clients with mental health and behavioral issues, often involving poor housing conditions
- Staff oversaw condemnation of clandestine math labs and provided guidance for remediation
- Staff obtained or maintained licensure from the Ohio Department of Agriculture as Pest Control Operators
- Staff monitored Governor's Dangerous and Wild Animal Executive Order
- Attended Healthy Homes and lead poisoning prevention trainings
- Staff attended environmental compliance workshop

### Rabies Control

- Investigated 631 cases of animal bites and/or potential rabies exposures
- 25 bats submitted for rabies testing with three found positive
- For the second year in a row since 2003, there were no positive cases of terrestrial RSR rabies
- Monitored Lake County rabies activity by collecting 81 enhanced surveillance specimens for rabies testing and 101 public health samples
- Counseled 12 persons potentially exposed to rabies who received post-exposure prophylaxis\*
- Director serves as OEHA Rabies Technical committee chair
- Conducted fall ORV bait distribution of over 35,000 baits in 305 man-hours while driving 1934 miles
- Provided support for USDA's pre-and post-baiting trapping effort
- Provided written rabies update for municipalities, veterinarians, parks, trappers, and staff
- Provided consultation for the medical community for clients with potential rabies exposures
- Participated in federal ONRAB bait trial as a stakeholder

### Mosquito Control

- 2013 was the 4<sup>th</sup> wettest year on record over the past 40 years
- Remained conscious of previous expressions of environmental concern from state and local Sierra Club members
- Trained larval crew and several new drivers in mosquito biology, pesticide application and safety procedures
- Began early larvicide applications to catch basins, sewage treatment plants, abandoned swimming pools, and standing water
- Received 46 dead bird calls for West Nile Virus surveillance
- Continued to operate at lower staffing levels and at reduced budget
- Posted mosquito control updates on web site
- Served as a member of Ohio Tick Workgroup and as a resource for local residents concerned with Lyme disease and black-legged (deer) ticks
- Attended Ohio Mosquito Control Association annual meeting
- Adult Control ULV units sprayed on 22 days in 2013, covering 100,500 acres.
- There was 1 WNV case in Lake County in 2013\*
- Health District submitted NPDES Mosquito report to EPA in a timely manner
- ODH Zoonotic Disease Program discontinued tick and mosquito identification along with mosquito virus testing
- Two gravid traps monitored adult mosquito population in Lake County in 2013

### Air Pollution Control

- Assisted OEPA in ongoing legal proceedings for asbestos violations
- Attended bi-monthly LEPC meetings
- Attended asbestos refresher course
- Staff renewed certification at smoke school
- Participated in monthly OLAPCOA (local air authority) meetings
- Served on NOACA air pollution committee
- Responded to and assisted OEPA with mercury spills
- Northeast Ohio is listed as marginal non-attainment for current ozone standards
- NOACA called 4 Ozone Action Days and 1 Particulate Advisory Days
- Monitored several small asbestos abatement and demolition projects for federal requirements including Lake County Land Bank
- Staff serves on Ohio EPA Technical Services Organization
- Conducted 94 smoke-free inspections\*

### Plumbing

- Utilized three contract plumbing inspectors on as-needed basis rather than hiring additional staff
- Attended training at Department of Commerce and Ohio Association of Plumbing Inspectors
- Participated in numerous pre-construction conferences for large projects
- Active in the Plumber Association of Northeast Ohio (PANO)
- Provided plumbing inspection coverage for Painesville City for absences of their inspector

### Miscellaneous

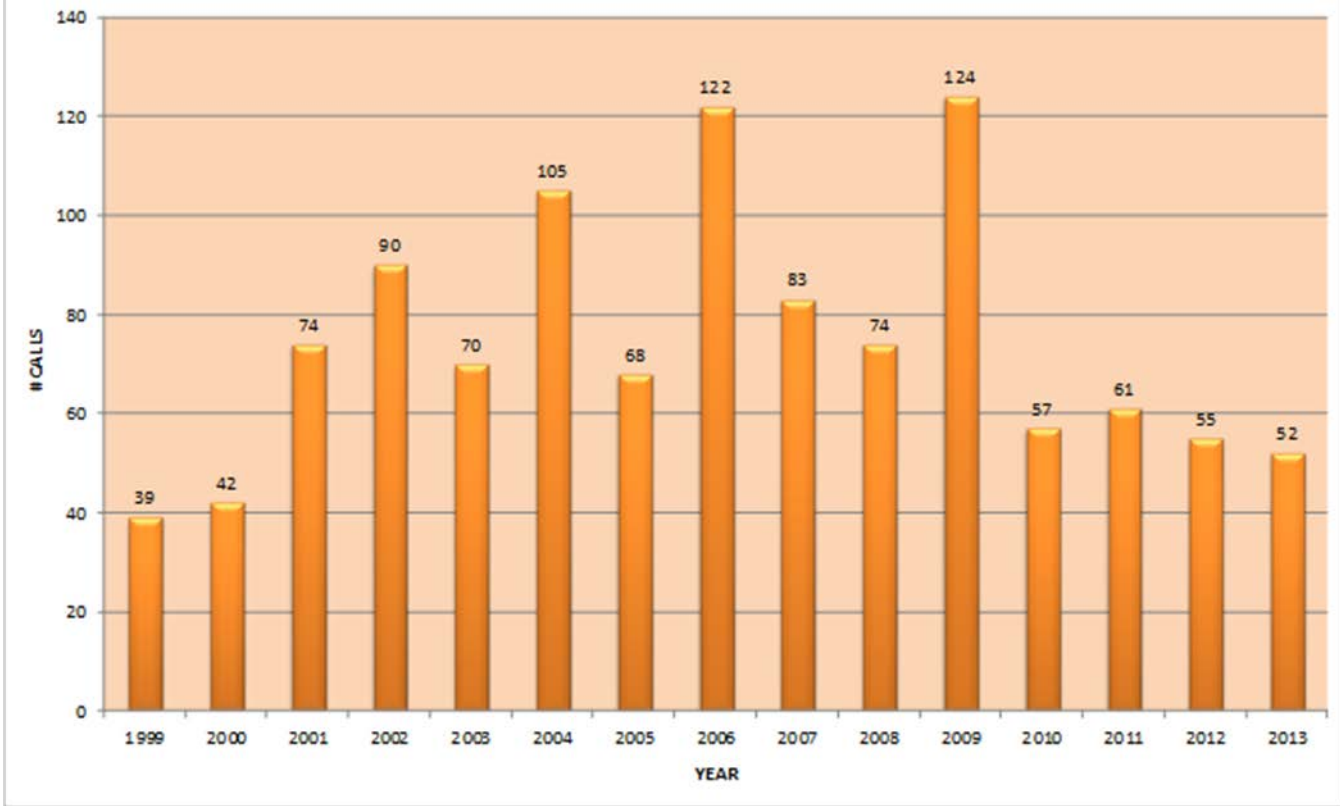
- Facilitated environmental health program orientation and relative field experience to interested student interns
- Several presentations were given by staff on various topics including careers in public health, water and sewage fundamentals, rabies, communicable disease, LCGHD programs, and housing
- Participated in Earth Day at Lake Metroparks and Lake County Fair
- Worked with community health nursing staff to revise procedures, improve communication, and train staff to investigate and document communicable disease outbreaks
- Staff was trained in bloodborne pathogens, CPR and HIPPA
- Staff continues to monitor Marcellus and Utica shale drilling
- Staff attended Ohio Environmental Health Association regional and/or state educational conferences
- EH staff attended monthly In Service Training sessions for various topics
- Served as community preceptor for a high school student and MPH graduate student

\*indicates graphics follow narrative

## 2013 Environmental Health Numbers of Places & Activities

ITEM	2013 # places	# ACTIVITIES		
		# Office Activities	# Field Activities	Total Activities
Air Pollution		2737	1387	4124
Animal Bites	631	1362	170	1532
Asbestos		309	108	417
Bathing Beaches		455	547	1002
Bioterrorism Planning		17	0	17
CD Investigation		54	3	57
Closed Landfills	10	48	17	65
Compost Sites		111	36	147
Day camps	6	30	10	40
Disaster Response		107	23	130
Env. Assessments		55	0	55
Existing Home Sewage Evaluations	45	191	156	347
Existing Residential Water Samples	16	30	19	49
Food Operations Commercial/Non Commercial	991/194	2979	4365	7344
Food Plan Review	55	420	40	460
H1N1		0	0	0
Home Sewage Repair	54	224	126	350
Housing		1712	551	2263
Sewage Operation Permits (SFOSTS)	15	347	233	580
Registered Service Providers	19	7	0	7
Infectious Waste Generators (Non-Primary)	69	0	0	0
Infectious Waste Generators (Primary)	14	10	1	11
Infectious Waste Trucks	4	0	0	0
KI Pills		0	0	0
Lot Split Review	15	18	10	28
Mercury		4	1	5
MHP	0	14	3	17
Micro Markets	0	0	0	0
Mobile Food Operations	109	291	403	694
Mosquitoes/Ticks		740	415	1155
Marinas	0	1	0	1
Open Burning	134	114	194	308
Open Landfills	1	74	27	101
Other EH & Comprehensive		6268	450	6718
Other Food		810	96	906
Other Liquid Wastes		82	26	108
Other Nuisances		482	152	634
Other Recreation		48	9	57
Other Sewage		1515	398	1913
Other Solid Wastes		549	347	896
Other Water		257	64	321
Phase 2		1298	480	1778
Plumbing Permits/Fixtures/Contractors	349/7844/141	2521	1780	4301
Pool/Spa	113	213	302	515
Private Water System Alteration Permits	2	33	8	41
Private Water System New Permits	11	175	48	223
Private Water System Sealing Permits	24	28	10	38
Radiation		250	312	562
Rec. Vehicle Camps/Temp Camps	2/10	35	27	62
Schools	78	252	195	447
Semi Public Sewage Systems	273	266	308	574
Semi Public Water Samples	4	15	0	15
Septage (Septic Tank) Haulers/Trucks	24/32	12	0	12
Registered Sewage Installers	27	30	0	30
Home Sewage & SF New or Replacement Permits	53	380	211	591
Sewer Connections		430	28	458
Site Evaluations	31	396	82	478
Smoking Complaints	94	99	81	180
Subdivisions Approvals/Lots	1	70	3	73
Solid Waste Haulers	0	1	0	1
Tattoo Only/Tattoo & Piercing Establishments	29	82	59	141
Temporary Food Operations	148	292	203	495
Vendor/Locations	11/148	57	68	125
Water Hauler	6	10	3	13
<b>TOTAL</b>		<b>29417</b>	<b>14595</b>	<b>44012</b>

**# AFTER HOURS CALLS PER YEAR, 3/24/99 THRU 12/31/2013**

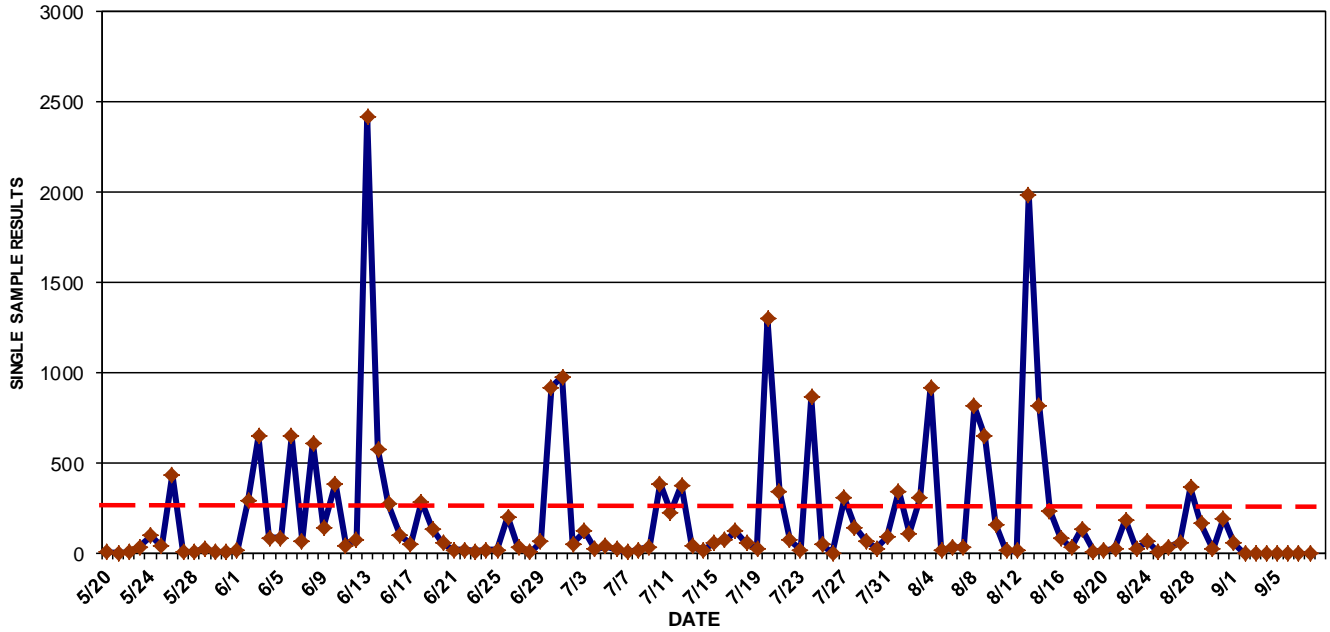


**POTASSIUM IODIDE (KI) DISTRIBUTION 2009 - 2013**

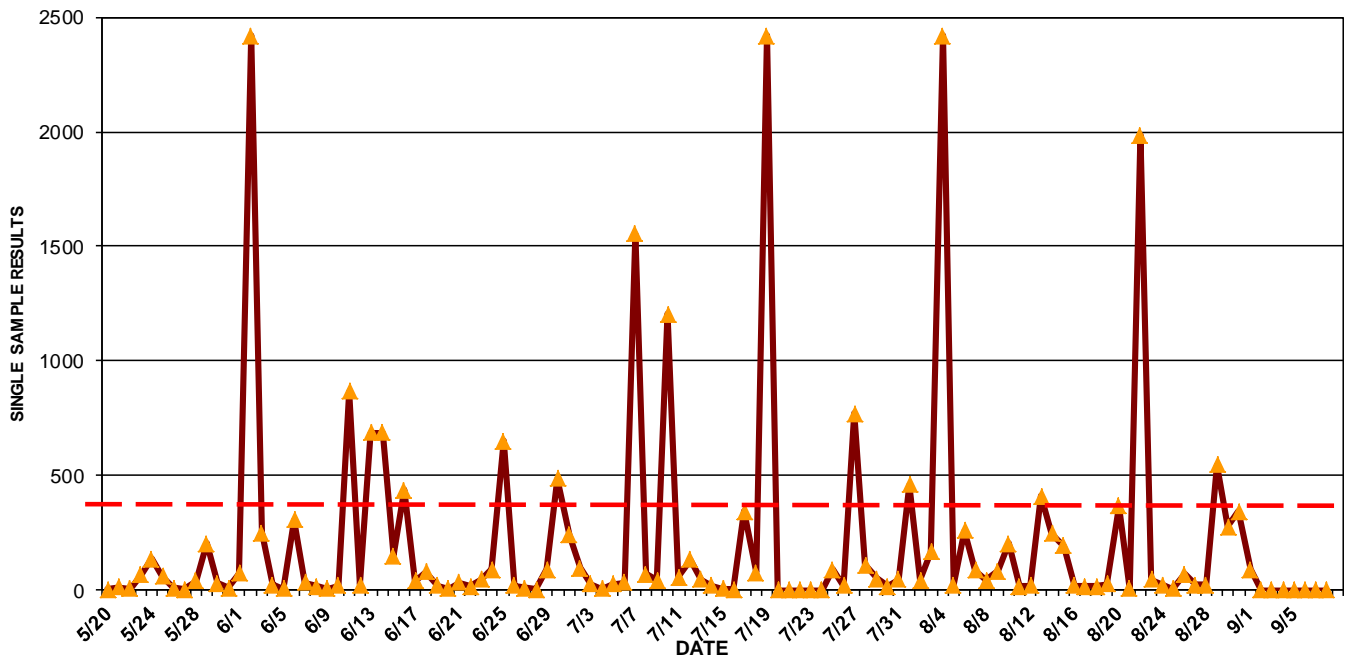
Distribution Location	Distributed	
	pills	4 tablet baggies
Distributed to EPZ Businesses (bagged)	54,548	13,637
Distributed to Day Cares, Schools (bagged)	68,500	17,125
Distributed to Walk Ins @ LCGHD (bagged)	19,400	4850
Distributed to public by Pharmacies Dec 2009 (bagged)	10,588	2,647
Distributed to public by Pharmacies Sept 2010 (bagged)	18,592	4,648
<b>Distribution Total</b>	<b>171,628</b>	<b>42,907</b>



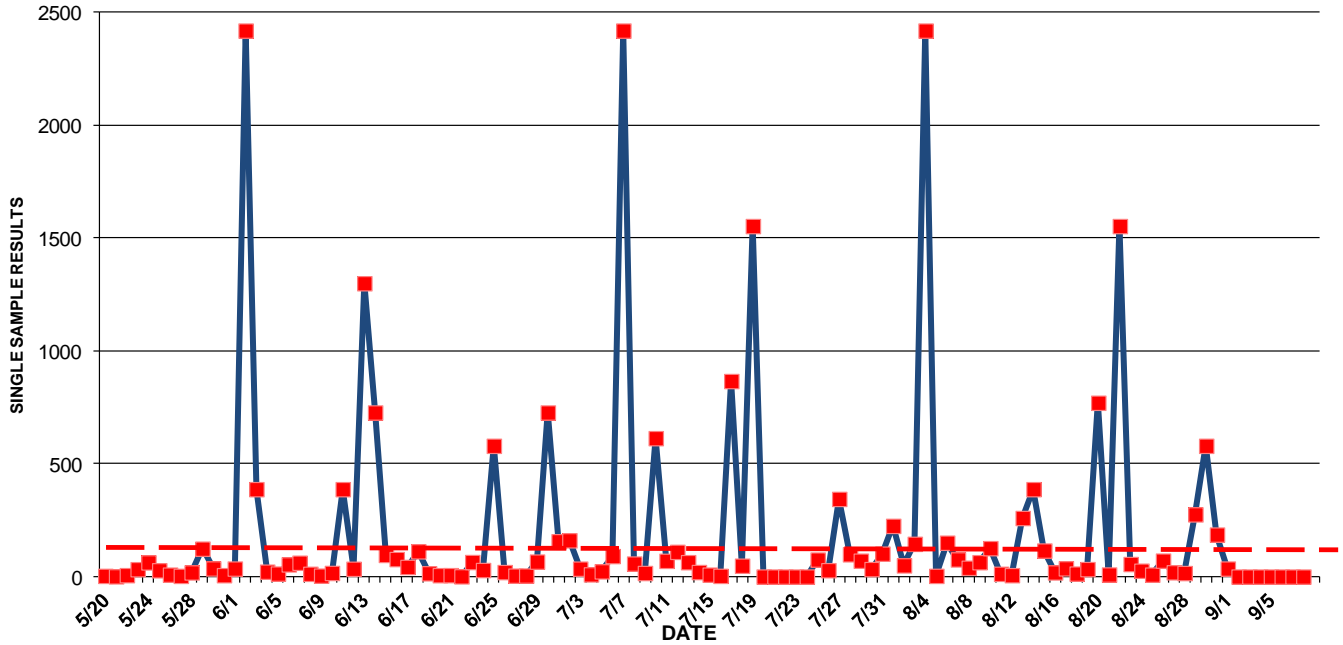
**FAIRPORT HARBOR BEACH  
RAW LAB RESULTS  
2013  
E. COLI PER 100 ML**



**HEADLANDS EAST BEACH  
RAW LAB RESULTS  
2013  
E. COLI PER 100 ML**



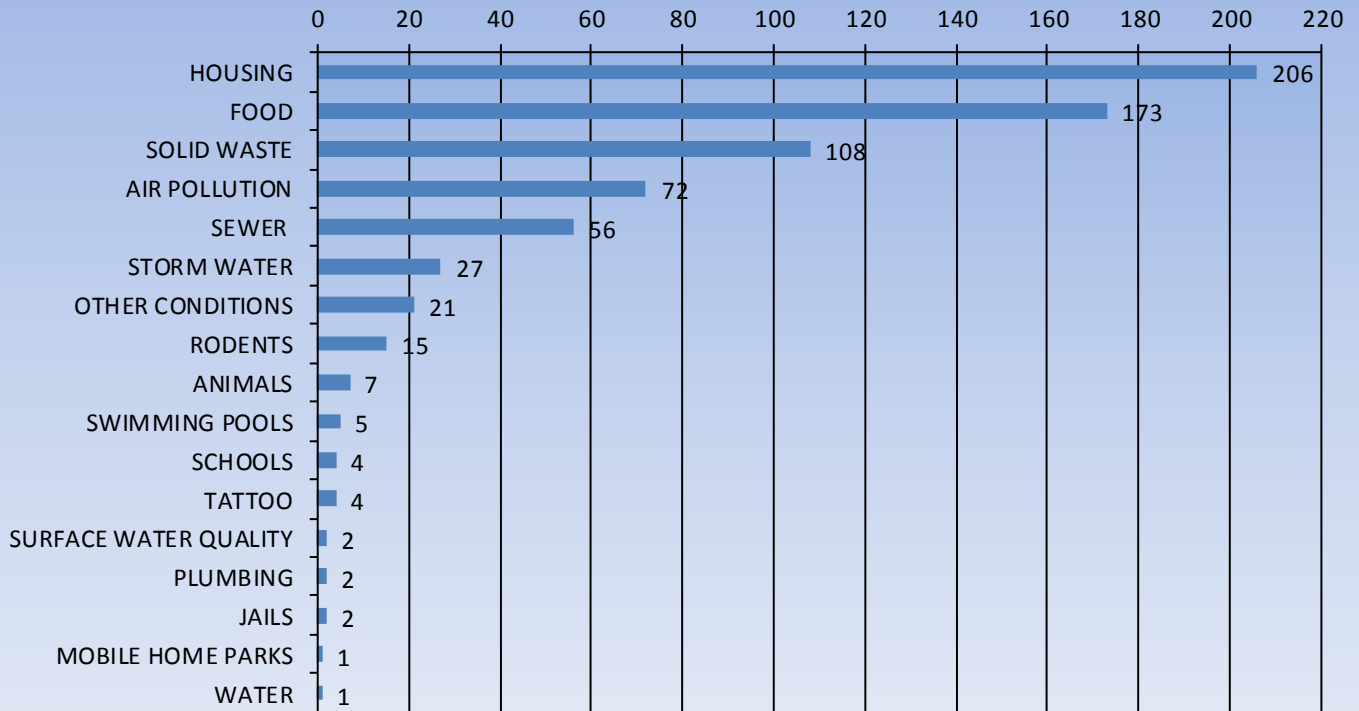
**HEADLANDS WEST BEACH  
RAW LAB RESULTS  
2013  
E. COLI PER 100 ML**



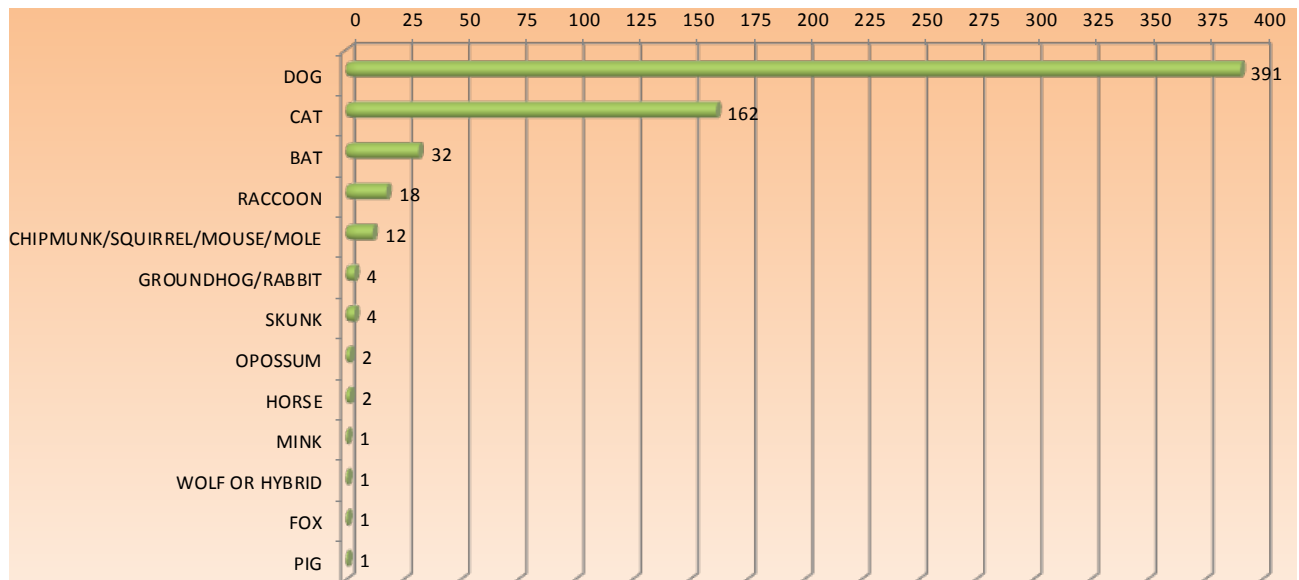
**Lake County Bathing Beach Summary  
2003-2013  
# Exceedences >235 E. coli/100ml**

Year	June thru August Precip (inches)	# Samples	# Standard Exceedences		
			Fairport Harbor	Headlands West	Headlands East
2003	8.7	62	15	7	4
2004	10.4	57	7	4	4
2005	9.6	56	8	8	8
2006	23.1	57	5	13	14
2007	10.3	106	18	8	10
2008	16.8	105	23	13	10
2009	9.44	111	15	7	9
2010	10.56	103	11	17	16
2011	15.49	102	20	16	13
2012	7.18	105	18	11	13
2013	17.84	105	27	19	26

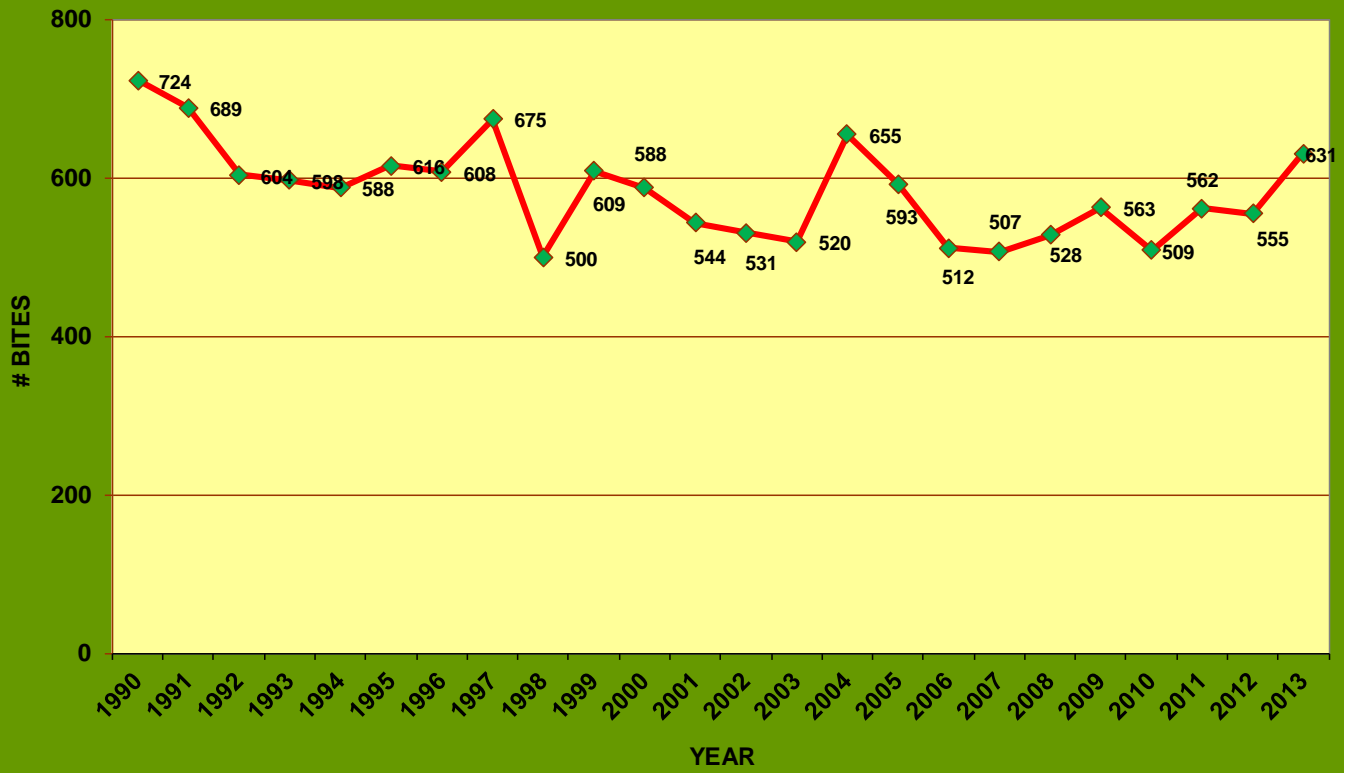
## # NUISANCE COMPLAINTS 2013 N=706



## # 2013 ANIMAL BITES/EXPOSURES (N=631)

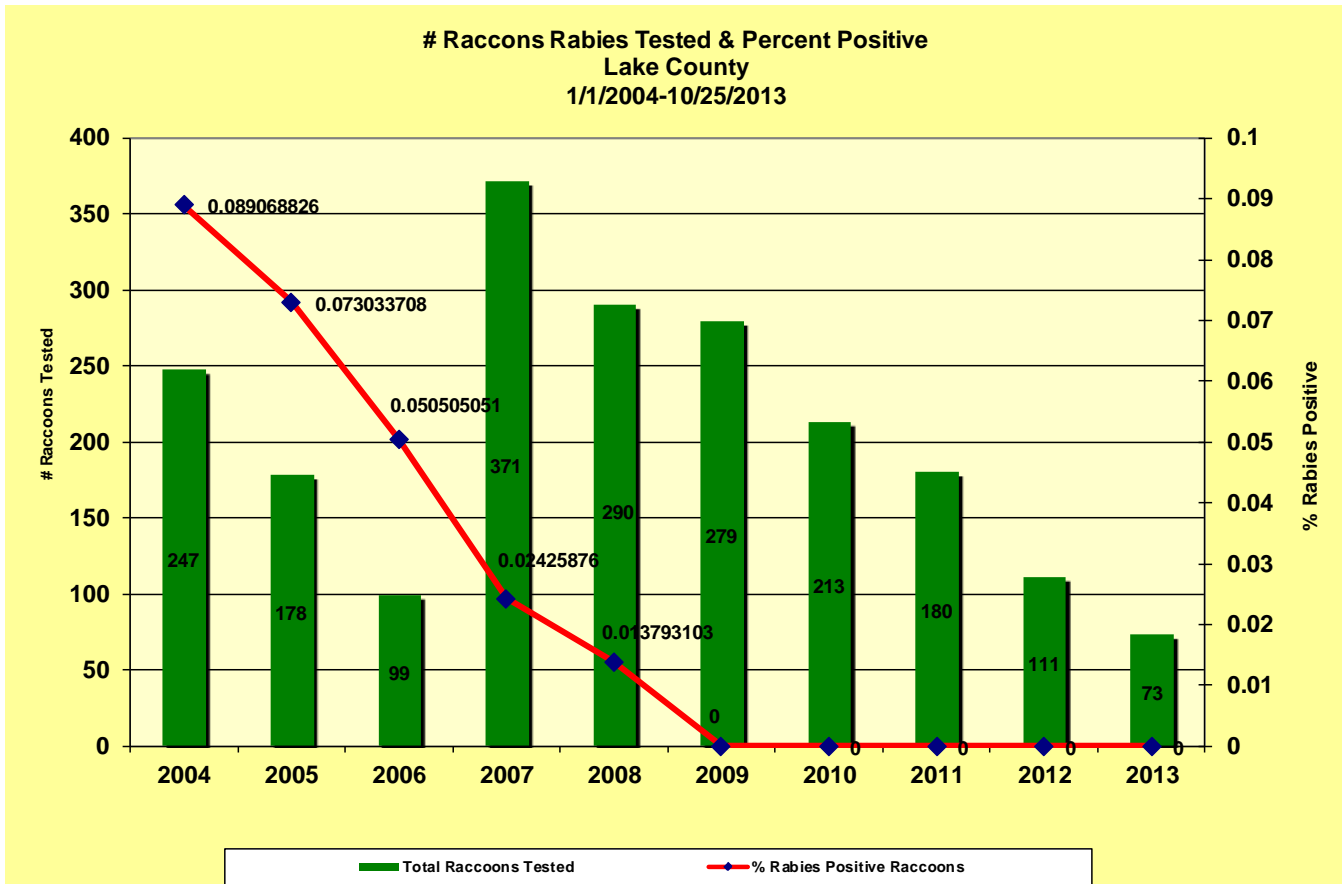
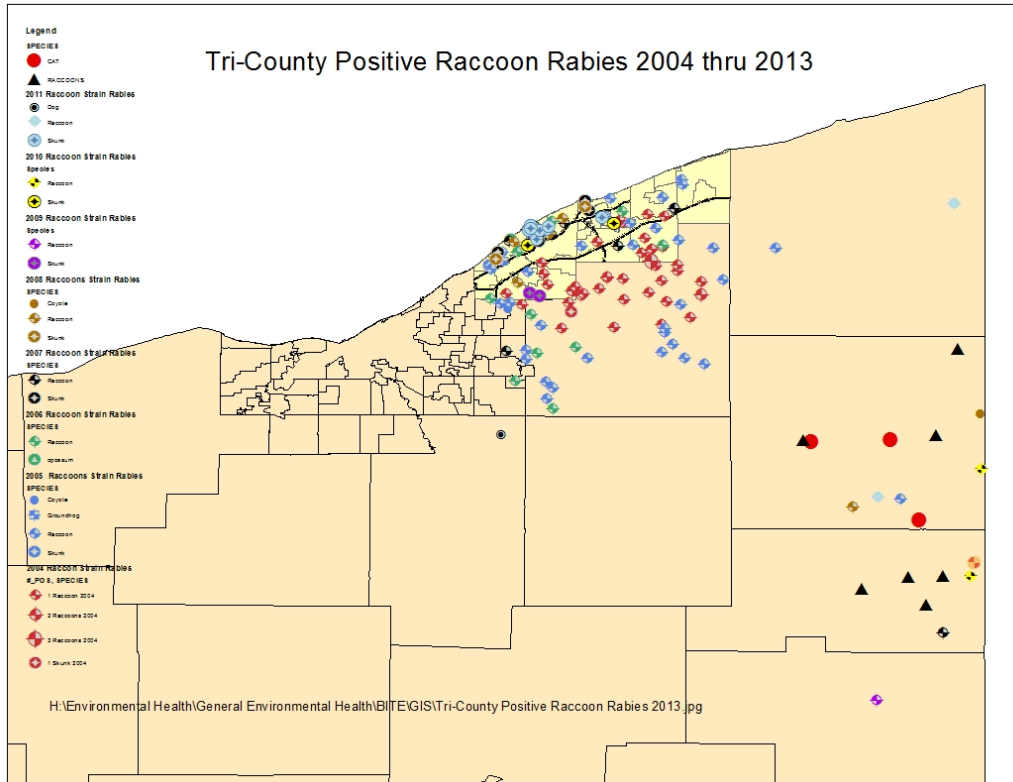


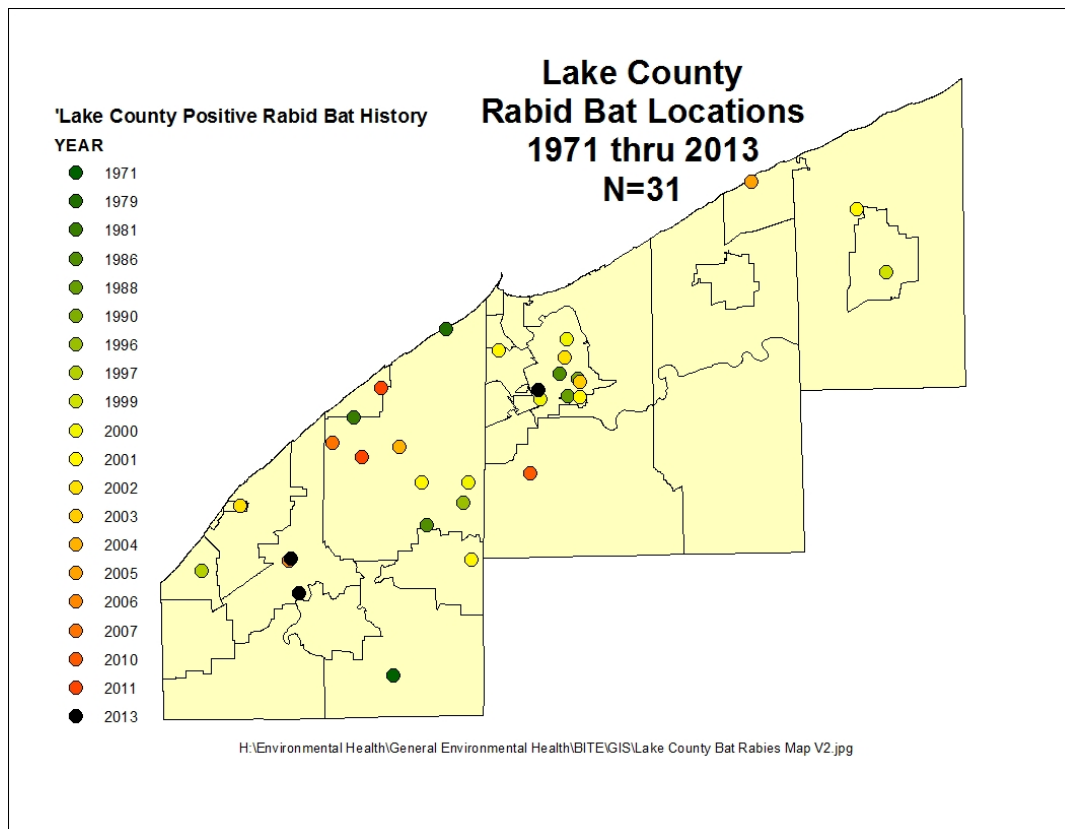
### # LAKE COUNTY ANIMAL BITES/YEAR, 1990 THRU 2013



### # RACCOON STRAIN RABID ANIMALS

County/Year	2013	2012	2011	2010	2009	2008	2007	2006	2005	2004	TOTAL
Ashtabula			3						1		4
Cuyahoga							1	1	4	1	7
Geauga								4	16	23	43
Lake			8	3	3	7	18	6	15	22	82
Mahoning	4	1	1	1			1				8
Summit			1								1
Trumbull	3	1	1	1		2			1		9
<b>TOTAL</b>	<b>7</b>	<b>2</b>	<b>14</b>	<b>5</b>	<b>3</b>	<b>9</b>	<b>20</b>	<b>11</b>	<b>37</b>	<b>46</b>	<b>154</b>

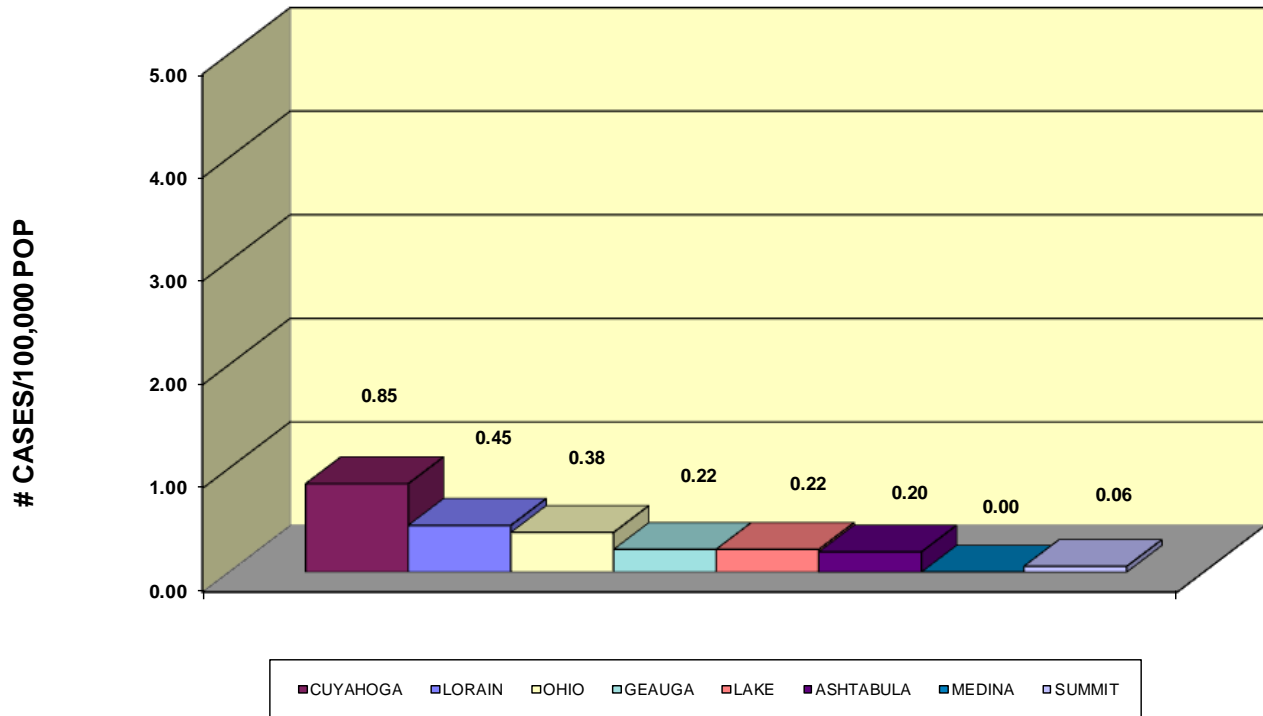




## US, Ohio and Lake County Human WNV Cases

Year	# States* Affected with WNV	# States* With Human WNV	# US Human Cases	# US Human Fatalities	# Ohio Human Cases	# Ohio Human Fatalities	# Lake C Human Cases	# Lake C Human Fatalities
1999	4	1	62	7	0	0	0	0
2000	12	3	21	2	0	0	0	0
2001	27	10	66	9	0	0	0	0
2002	44	40	4,156	284	441	31	7	0
2003	47	46	9,862	264	108	8	1	0
2004	45	41	2,539	100	12	2	0	0
2005	49	42	3,000	119	61	2	0	0
2006	49	42	4,269	177	48	4	2	0
2007	49	43	3,598	121	23	3	0	0
2008	48	42	1,356	44	15	1	0	0
2009	48	34	722	33	2	0	0	0
2010	49	41	1,021	57	5	0	0	0
2011	48	43	712	43	21	1	1	0
2012	48	48	5,674	286	121	7	0	0
2013	46	46	2,271	100	24	3	1	0
<b>Total</b>			<b>39,329</b>	<b>1,646</b>	<b>881</b>	<b>62</b>	<b>12</b>	<b>0</b>

**2003 thru 2013  
HUMAN WNV INCIDENCE RATES/ 100,000/Yr.  
AS OF 01/29/2014  
CONFIRMED OR PROBABLE CASES**

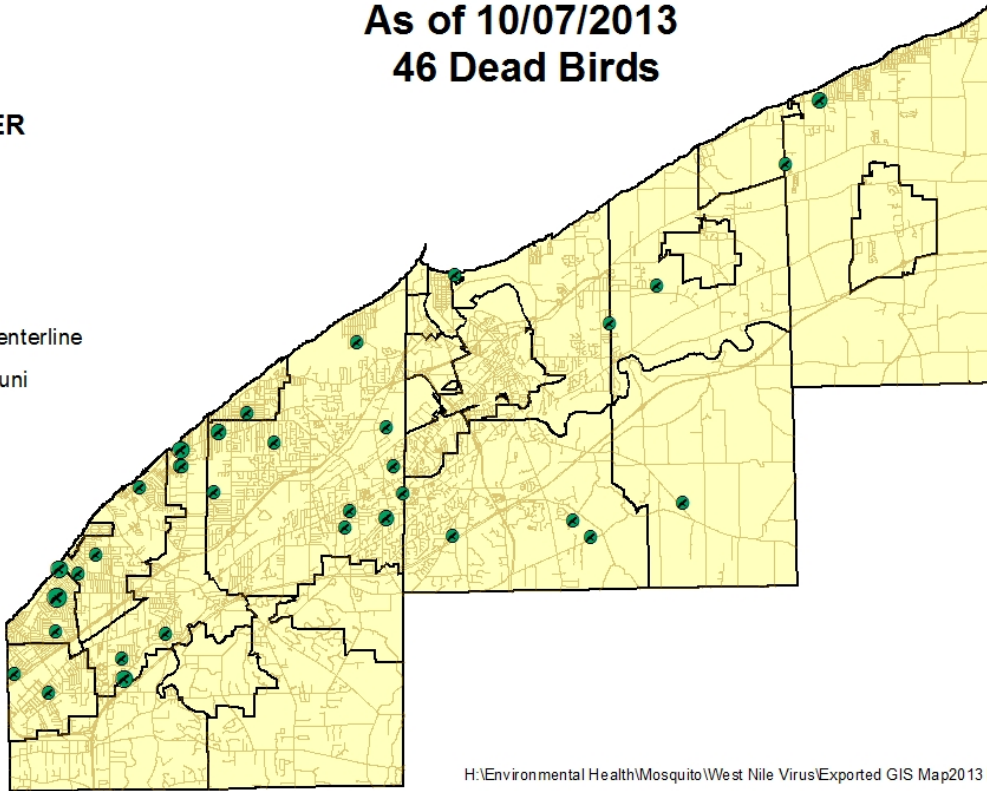
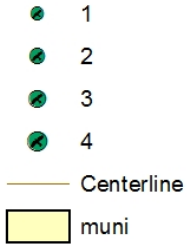


**Lake County Dead Bird Calls/Testing**

Year	# Dead Bird Calls	# Birds Tested	# WNV + Positive Birds	% Positive Birds
2001	109	109	13	11.93%
2002	78	78	21	26.92%
2003	774	61	5	8.20%
2004	641	118	1	0.85%
2005	358	56	4	7.14%
2006	580	144	29	20.14%
2007	243	15	0	0.00%
2008	144	6	1	16.67%
2009	84	0	0	N/A
2010	66	0	0	N/A
2011	54	0	0	N/A
2012	89	0	0	N/A
2013	46	0	0	N/A

## 2013 Dead Bird Calls As of 10/07/2013 46 Dead Birds

### NUMBER



H:\Environmental Health\Mosquito\West Nile Virus\Exported GIS Map2013 Birds.jpg

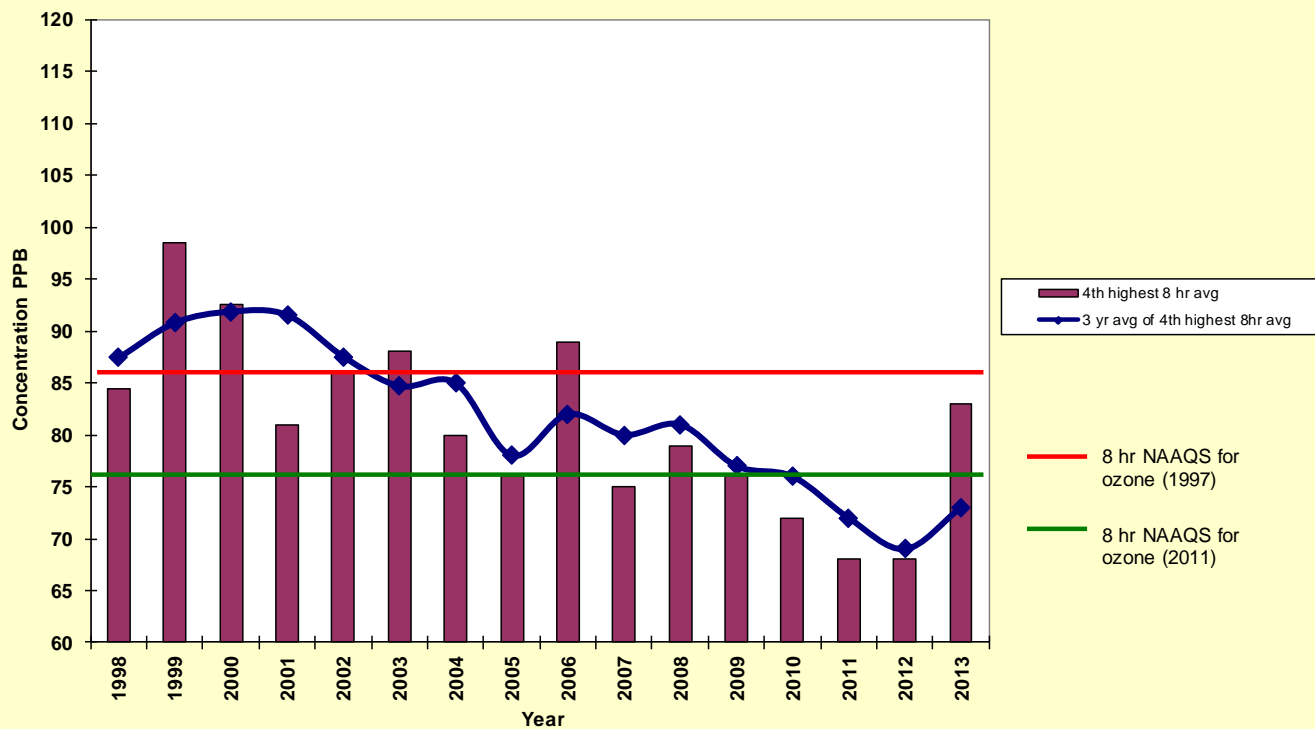
### FIRST WNV OCCURRENCES BY YEAR

	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
First Ohio + Dead Bird	None	None	7/11/2001	5/19/2002	5/29/2003	5/14/2004	6/3/2005	6/20/2006	7/20/2007	8/1/2008	N/A	N/A	N/A	N/A	N/A
First LC + Dead Bird	None	None	7/11/2001	5/22/2002	7/15/2003	9/7/2004	7/26/2005	6/20/2006	None	8/6/2008	N/A	N/A	N/A	N/A	N/A
First Ohio + Mosquito	None	None	8/27/2001	5/28/2002	6/5/2003	6/1/2004	6/20/2005	6/7/2006	6/6/2007	6/12/2008	6/29/2009	5/18/2010	5/12/2011	5/14/2012	N/A
First LC + Mosquito	None	None	None	6/18/2002	6/30/2003	6/10/2004	7/21/2005	7/16/2006	7/31/2007	7/10/2008	8/13/2009	7/22/2010	6/9/2011	6/12/2012	N/A
First Ohio Human Case	None	None	None	8/14/2002	7/9/2003	7/5/2004	6/14/2005	8/5/2006	7/12/2007	7/25/2008	8/10/2009	8/1/2010	8/29/2011	7/27/2012	8/20/2013
First LC Human Case	None	None	None	8/12/2002	8/20/2003	None	None	8/20/2006	None	None	None	None	9/12/2011		9/6/2013
# Ohio Human Cases	0	0	0	441	108	12	61	48	23	15	2	5	21	121	24
# Ohio Human Deaths	0	0	0	31	8	2	2	4	3	1	0	0	1	7	3
# Ohio WNV +Dead Birds/Tests	0	0	280/941	877/1663	175/1265	80/2164	73/925	126/1502	22/115	14/98	N/A	N/A	N/A	N/A	N/A
# Ohio WNV +Mosq Pools/Tests	0	0	26/2529	1870/8134	799/19678	874/14202	1373/14705	909/15300	324/8213	381/11018	243/8413	260/8843	582/8436	1214/6265	N/A
# LC Human Cases	0	0	0	7	1	0	0	2	0	0	0	0	1	0	1
# LC WNV + Dead Birds/Tests	0	0	13/109	21/78	5/61	1/118	4/56	29/144	0/15	1/6	N/A	N/A	N/A	N/A	N/A
# LC WNV + Mosq Pools/Tests	0	0	0/347	76/604	55/1685	26/1079	34/858	87/1568	7/625	15/749	1/101	3/225	3/123	20/139	N/A
# US Human Cases	62	21	66	4156	9862	2539	3000	4269	3598	1356	720	981	690	5387	2374
# US Human Deaths	7	2	9	284	264	100	119	177	121	44	32	47	1	243	114

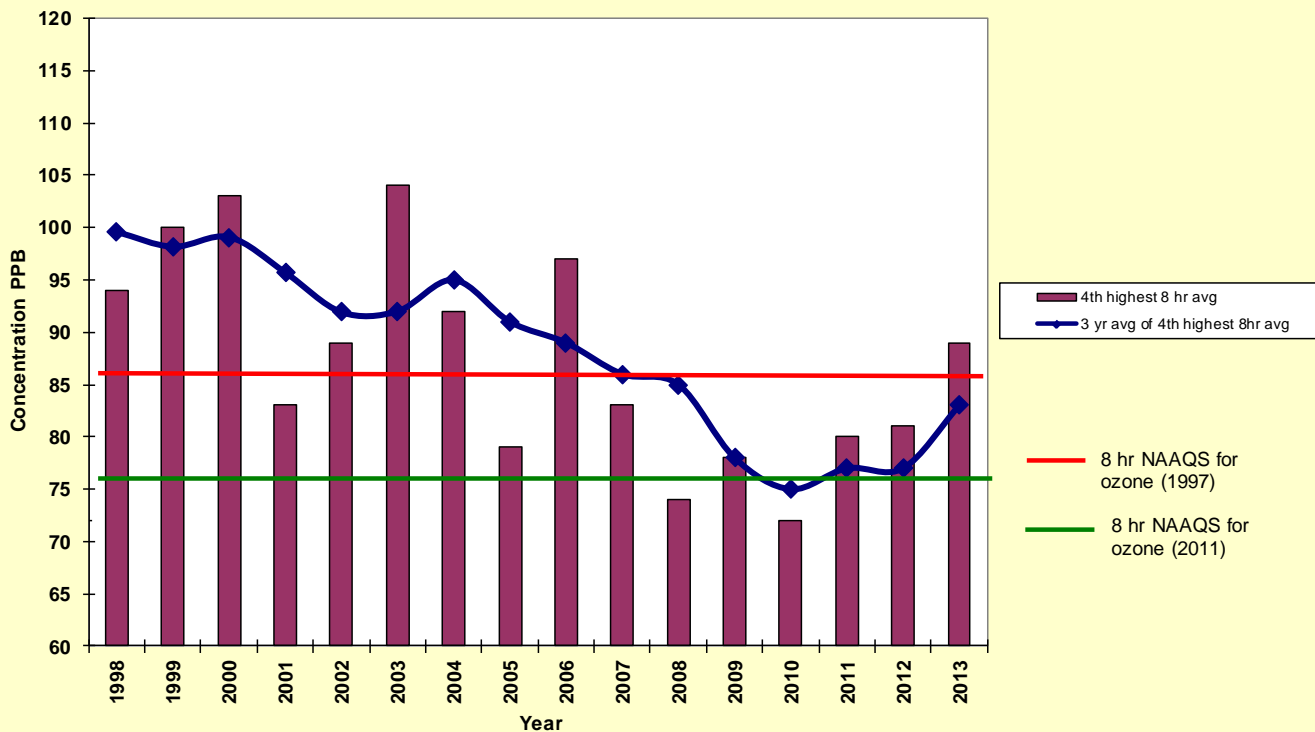
Note-all dates by collection date  
2/18/2014



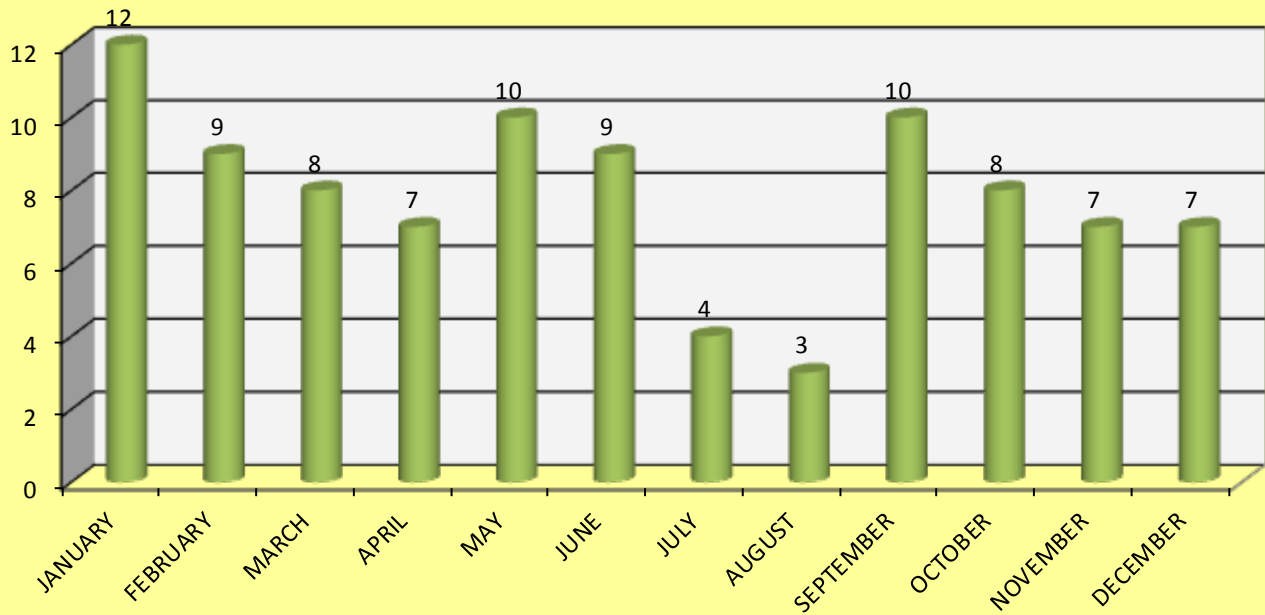
8hr Averaged Ozone Trend- Painesville



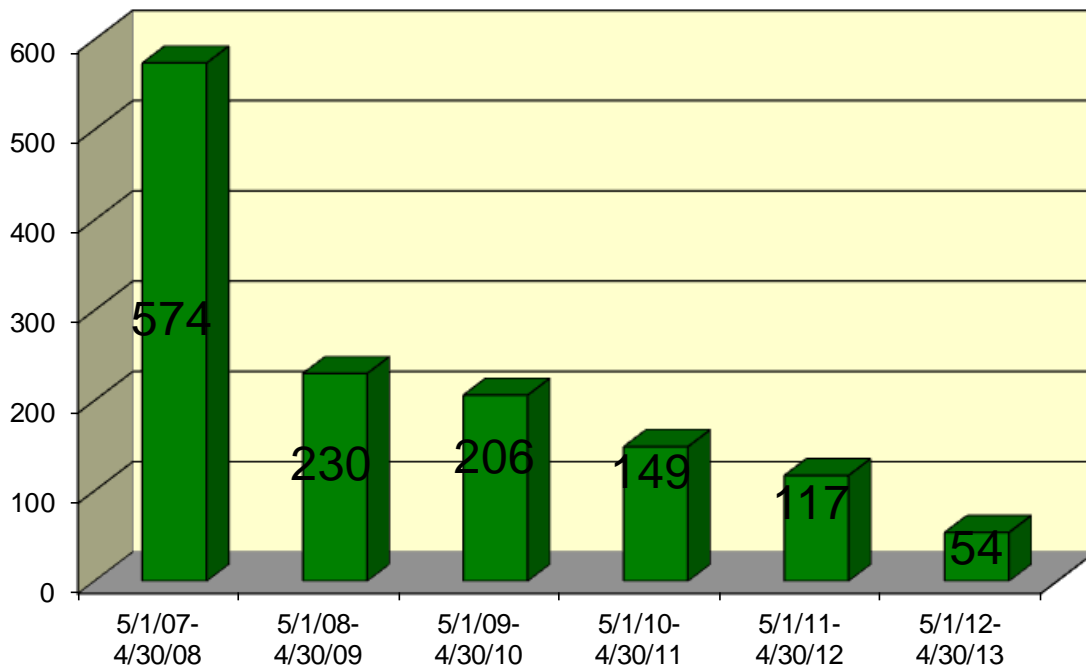
8hr Averaged Ozone Trend- Eastlake



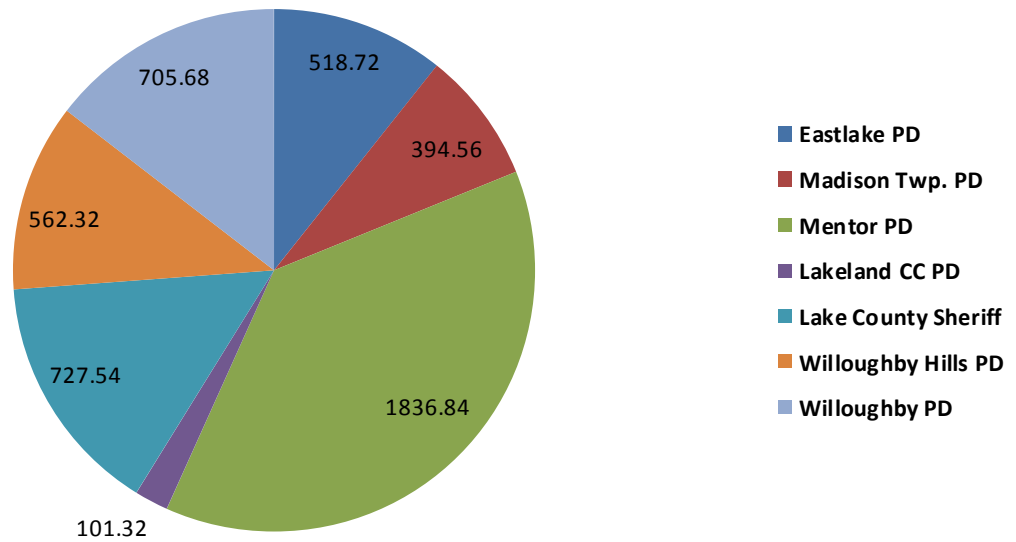
### Smoking Complaints 2013 (N=94)



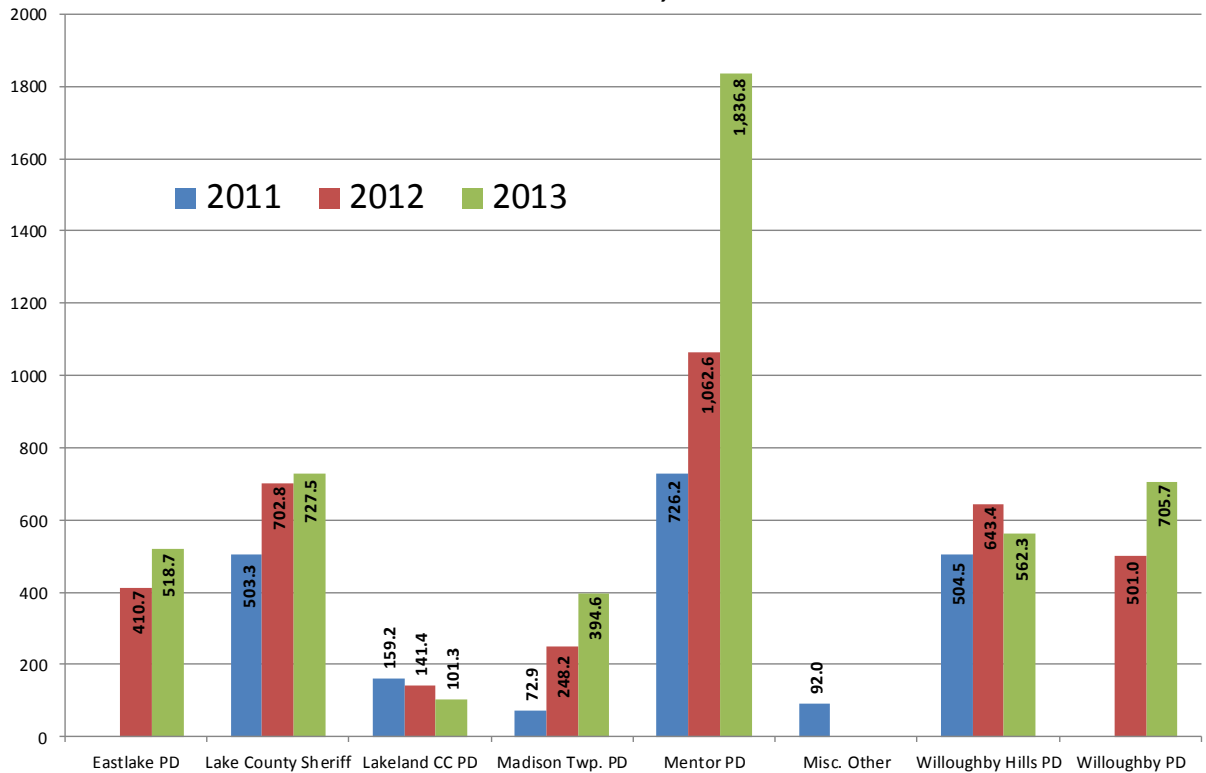
### Smoking Complaints 05/01/07-1/31/13



## Pharmaceutical Drugs Collected & Destroyed 2013 Total 4,847



## Lake County Drug Disposal By Year and Agency (Lbs.) Total Collected 9,478.12



### **3.0 DIRECTOR OF COMMUNITY HEALTH SERVICES REPORT**

#### **3.01 ADMINISTRATIVE REVIEW**

##### **3.01.01**

##### **A Historic Step for the Lake County General Health District**

On July 25, 2013 the Lake County General Health District (LCGHD) submitted its documentation for consideration in the second stage of the Public Health Accreditation Board (PHAB <http://www.phaboard.org/>) process. Deputy Health Commissioner/Director of Community Health Services and PHAB Coordinator Ron H. Graham, R.D., L.D., M.P.H. attended the two day training in Alexandria, Virginia on July 24-25, 2012. However, the process started with the submission of the PHAB application in February 2012; which required the submission of the 2011 Lake County Community Health Assessment, Lake County Community Health Plan 2011, and the Lake County General Health District's Public Health Strategic Plan.

The final stage of the accreditation process is the on-site visit by the Review Team that is scheduled for March 2013. Site visits will be conducted by a peer team of three to four PHAB trained site visitors. The visit serves several purposes: verify the accuracy of documentation submitted by the health department, seek answers to questions regarding conformity with the standards and measures, and provide opportunity for discussion and further explanation. Site visits will typically last two to three days, depending upon the complexity of the application.

Within two weeks following the site visit, the site visit team will develop a site visit report. The report will describe: (1) how conformity with each measure was demonstrated, or detail what was missing; (2) areas of excellence or unique promising practices; and (3) opportunities for improvement.

After the site visit the Accreditation Committee, appointed by the PHAB Board of Directors, will review and determine the accreditation status of applicant health departments. There are two accreditation status decision categories: "Accredited" (which runs for a period of five years) or "Not Accredited." The Accreditation Committee will make accreditation decisions based on the site visit report, including the site visit team's scores and descriptive information.

#### **Background**

##### **National Voluntary Public Health Accreditation and the Public Health Accreditation Board**

The Deputy Health Commissioner/Director of Community Health Services assumed the leadership and responsibility of PHAB Coordinator; leading the Board of Health, management team, and staff on the course towards accreditation.

Public health departments play a critical role in protecting and improving the health of people and communities. In cities, towns, and states across the nation, health departments provide a range of services aimed at promoting healthy behaviors; preventing diseases and injuries; ensuring access to safe food, water, clean air, and life-saving immunizations; and preparing for and responding to health emergencies. Accreditation also promotes consistency in meeting

standards. With an ever-increasing number of health departments now applying for and becoming accredited, you will soon be able to receive the same quality of public health services wherever you go in the United States.

The National Accreditation Program for health departments sets standards against which the nation's more than 3,000 public health agencies can continuously work to improve the quality of their services and performance. A decade in development, the National Accreditation Program was created collaboratively by hundreds of public health practitioners working at the national, tribal, state, local, and territorial levels. Since the program's launch in September 2011, more than 125 health departments have applied to PHAB for accreditation and hundreds of public health practitioners from across the nation have been trained to serve as volunteer peer site visitors for the program.

To receive accreditation, a health department must undergo a rigorous, multi-faceted, peer-reviewed assessment process to ensure it meets or exceeds a specific set of quality standards and measures. The peer-review process provides valuable feedback to inform health departments of their strengths and areas for improvement so that they can better protect and promote the health of the people in the communities they serve.

### **3.01.02**

#### **Lake County General Health District Supports the Village of Fairport Harbor in Community Engagement**

The Health District assisted the Village of Fairport Harbor to improve community engagement, and awareness, for the promotion of health and wellness via their "The Enchantment of Living Healthy" event held on June 8, 2013. Ron H. Graham and support met on a weekly basis over several months leading up to the event with numerous partners to prepare for the debut event. The Village of Fairport Harbor was honored in 2012 by the Lake County Health District and formally recognized as the first ACHIEVE Wellness Community. The Health District believes this was a unique opportunity to showcase not only Fairport Harbor but Lake County as a destination; promoting the natural assets and healthy living. The event was combined with the largely successful JUST RUN<sup>®</sup> Lake County Youth 5K run and program that saw the participation of over four hundred children and parents. ([http://www.justrun.org/Satellites/Lake\\_County\\_OH.htm](http://www.justrun.org/Satellites/Lake_County_OH.htm))

In 2014 an application will be distributed to each of the twenty three political subdivisions, in a voluntary application process, to partner with the Health District and ACHIEVE Wellness Lake County to assess, plan, and implement evidenced based prevention efforts in their community over a three year period.

### **3.01.03**

#### **Lake County Given the GOLD for a Healthy Community**

Health Educator and ACHIEVE Wellness Lake County Coach Katelyn Barbis-Coan continues to make Lake County synonymous with "health" and "innovation. On September 26, 2013 the Lake County General Health District was notified that it had been selected to receive the **GOLD** Healthy Ohio Healthy Community award. In 2012 the Lake County General Health District had

received a SILVER award. This award was presented during the Health Educators Institute conference at Salt Fork State Park on Thursday, October 24, 2013. As a Gold award winner, Ms. Barbis-Coan participated in a panel presentation breakout session describing a highlight of the initiative.

#### **3.01.04**

##### **Health Policy Institute of Ohio Wellness and Prevention Collaborative**

Health Educator Katelyn Barbis-Coan and the Deputy Health Commissioner Ron H. Graham actively participated in the Health Policy Institute of Ohio Wellness and Prevention Collaborative. The Lake County General Health District is a recently approved member of this advisory committee/collaborative. The collaborative is designed to provide technical support and to identify models, methodologies, strategies to engage decision makers to develop policies and legislation that improves public health services. <http://healthpolicyohio.org/>

#### **3.01.05**

##### **The Department of Family and Community Medicine, Office of Public Health Practice, Consortium of Eastern Ohio Master of Public Health Community Advisory Panel Committees**

The Deputy Health Commissioner, Ron H. Graham, as a member and Chair, attended the Department of Family and Community Medicine, Office of Public Health Practice, Consortium of Eastern Ohio Master of Public Health (<http://www3.neomed.edu/MPH/>) Community Advisory Panel meeting at the Northeast Ohio Medical University (NEOMED) on March 22, 2013. The mission of the Consortium of Eastern Ohio Master of Public Health program is to provide accredited public health education designed for the working professional. It does this through a collaborative learning community, drawing on the collective resources of its five member institutions and partnering community agencies. The program strives to produce respected and competent professionals able to improve public health practice, especially in eastern Ohio.

#### **3.01.06**

##### **Lake County General Health District Represented at Northeast Ohio College of Medicine Strategic Planning Event**

Mr. Ron H. Graham, Deputy Health Commissioner and Chair for the Office of Public Health with NEOMED and the Consortium of Eastern Ohio College Master in Public Health represented the Health District at a two day strategic planning event on October 2-3, 2013 in North Canton Ohio. Over 35 public health leaders participated in the event and were challenged to provide the vision of public health education over the next century.

The event focused on four areas; experiential learning/internships, curriculum, student support, diversity, and mission/vision. The keynote speaker for the retreat was Ms. Donna J. Petersen, M.H.S., Sc.D, Interim Senior Vice President, and University of South Florida Health/Dean of the College of Public Health/Professor of Global Health.

### **3.01.07**

#### **Lake County General Health District Represented at the Lake County Free Clinic 2014-2016 Strategic Planning Retreat**

Mr. Ron H. Graham represents the Lake County General Health District on the Lake County Free Clinic (LCFC) Board of Trustees and is currently the Board Treasurer. The planning process took place on Friday, September 21 and Saturday, September 22, 2013 on the Lake Erie College Campus. In addition to the Health District, other health care agencies represented on the Board include; Lake County Alcohol, Drug Addiction and Mental Health Services, Lake Health, Cleveland Clinic, and University Hospitals.

Free and charitable clinics are safety-net health care organizations that utilize a volunteer/staff model to provide a range of medical, dental, pharmacy, vision, and/or behavioral health services to economically disadvantaged individuals.

The retreat focused on the impact of the Affordable Care Act on the Lake County Free Clinic. One of the major impacts on free and charitable clinics is the increase in Medicaid eligibility to 133% of the poverty level. A large number of patients seen at a clinic will now be eligible for coverage. Expanded coverage is projected to be extended to 32 million nationally, the Congressional Budget Office estimates that roughly 23 million people will still be without health insurance coverage. LCFC will need to determine how this will impact their target population and what changes need to be made.

### **3.01.08**

#### **Lake County General Health District Staff Participated in Active Shooter Training**

As a result of active shooter events in Sandy Hook, Connecticut and Aurora, Colorado it was suggested to the Lake County General Health District Employee Health and Safety Committee that an active shooter plan be developed for the Health District. After consulting with Detective Michael Bailey of the Painesville City Police Department and reviewing current plans, Lake County General Health District decided to add an Active Shooter element to its already-existing Building Emergency Evacuation Plan (BEEP). To assure that Lake County General Health District staff were proficient in this new area of the BEEP, Detective Bailey provided Active Shooter training twice to Lake County General Health District staff on July 25, 2013 and once on August 29, 2013. The training covered:

- Response in Active Shooting (liability in doing nothing, profiling, involvement of Law Enforcement);
- Active Shooter in Your Vicinity (evacuation, taking care of self, calling 911, following Law Enforcement's instructions, hiding);
- Taking Action Against the Active Shooter (Locking down/silencing cell phones, improvised weapons, commitment to your actions); and
- How to Respond when Law Enforcement Arrives (Quad System, keeping hands visible, Management as leaders).

The Lake County General Health District Employee Health and Safety Committee met to improve the current Building Emergency and Evacuation Plan so that it addresses an "active shooter" scenario based on recommendations from the City of Painesville Police Department.

All rooms and windows were numbered to assist with identification on locations within the building during an emergency.

Additionally, a self-defense class has been provided to staff that frequently work in isolated clinic settings, provide home visiting, and work evening clinics. The six hour training was provided by Lt. Gerry Bailey of the City of Painesville Police Department. The training was provided at no financial cost to the Health District and was provided as part of the Health District's Workforce Development and Employee Satisfaction plans.

### **3.01.09**

#### **United Way Youth Selected the Lake County General Health District's Drug Assistance Program**

In May, Ron H. Graham presented the Health District's Drug Assistance/Drug Repository program for the United Way's Youth Panel. Composed of high school students the panel was provided with an array of programs to review with the option of funding those that the panel deemed beneficial to the community. On May 30<sup>th</sup> the Lake County General Health District received notice that the youth had selected the Drug Assistance/Drug Repository program to be the recipient of a \$2,000 grant award. Letters of gratitude were provided to the United Way and each of the participating youth during the week of June 3, 2013.

### **3.01.10**

#### **Ohio Public Health Partnership Funds Health District**

The Ohio Public Health Partnership notified several health districts that applied for competitive public health accreditation preparation funds, but not awarded in late 2012, of a potential reimbursement for work completed despite the denial. Deputy Health Commissioner Ron H. Graham and Associate Health Educator Ms. Cathy Bevan responded with the work completed by the end of September 2013 in regard to accreditation efforts and received notice on July 29, 2013 that the Lake County General Health District was selected as one of twelve health districts to receive \$1,200 in funds. Funds were to be used to cover some additional personnel costs incurred in guaranteeing submission of the necessary documentation for accreditation the last month prior to the July 25, 2013 deadline.

### **3.01.11**

#### **ACHIEVE Wellness Lake County Efforts Recognized Again**

ACHIEVE Wellness Lake County continues to thrive under the leadership of Health Educator Ms. Katelyn Barbis-Coan, who continues to lead new county-wide wellness and prevention efforts. ACHIEVE Wellness Lake County was featured in the National Association of Chronic Disease Directors (NACDD) national publication. The NACDD Impact Brief is an e-news bulletin that goes out electronically once a month to over 3,000 NACDD members and affiliates.

### **3.01.12**

#### **Health Works Clinic Expands to Provide Co-located Medical Nutrition Therapy Services at Crossroads, Lake County Adolescent Counseling Center**

Ron H. Graham and Crossroads Chief Executive Officer Mr. Mike Matoney partnered to establish the co-location of pediatric weight management/medical nutrition therapy services



(MNT) to enhance the service delivery to children with multiple physical and behavioral health problems. Public Health Dietitian Ms. Cori Kitaura, R.D., L.D. provides twenty to twenty-four hours a month on-site at the Munson Road location in Mentor. The clinic, which started in July 2013, is the result of a joint venture geared to increasing health care access and will be evaluated every six months.

Additionally, Medicaid has recently adopted coverage for medical nutrition therapy. The coverage has been researched by WIC Director Ms. Lauren Henderson, R.D, L.D., who will assist in generating some additional revenue and reduce client costs for the services. Services are currently provided on a sliding fee schedule. Anthem Blue Cross and Blue Shield, via American Health Specialty, provides reimbursement and newly adopted coverage and credentialing will be explored by Ms. Judi Waite, Clinical Services' Clerical Supervisor.

### **3.01.13**

#### **Environmental Health to Pilot Medicaid Administrative Claiming (MAC)**

Public Health Social Work Supervisor Ms. Sandi Allison L.S.W., and Deputy Health Commissioner Ron H. Graham developed the MAC Environmental Health Unit Plan (EH) so that the LCGHD may benefit from the potential reimbursement, while promoting healthcare coverage to low income populations and at-risk individuals often residing in homes that are the source of nuisance complaints. The MAC program, established by the Ohio Department of Health and implemented under the supervision of the Deputy Health Commissioner, has generated approximately \$75,000 in “no strings attached” reimbursement with much of the funds being generated, at the time, by Help Me Grow. In an effort to maximize such a benefit, a plan will be submitted to approve the new EH plan. Ms. Allison and Mr. Graham worked with EH Director Nancy Niehus M.S., R.S. and EH Supervisor Laura Kuns R.S. to assure a successful implementation beginning January 2014. Ron H. Graham also presented “MAC 101” at the Ohio Environmental Health Association in October 2013.

### **3.01.14**

#### **United Way Governmental Kick Off Scheduled for September 2013**

The Lake County United Governmental Campaign Team held its kick-off meeting on September 19, 2013 at the Lake County Jail. Campaign chairs this year include: Ron H. Graham; Dan Dunlap, Lake County Sheriff; Judy Moran, Lake County Commissioner; and Erin Fink, Lake County Engineer. The 2013 campaign officially started on Thursday, August 22, 2013 and the United Way asked Lake County residents to GET CONNECTED! Campaign Chair Dr. Paul Vanek and Campaign Co-Chair Dr. Lori Stevic-Rust worked to help achieve this year's fundraising goals.

### **3.01.15**

#### **Lake County Selected for “Invite Only” Corner Store Training**

Health Educator and ACHIEVE Wellness Lake County leader Katelyn Barbis-Coan represented the Health District at the Ohio Department of Health's Creating Healthy Communities one-day healthy corner store training. The training was held at the Ohio Department of Agriculture in Reynoldsburg, Ohio and included nationally recognized trainers from Change Lab Solutions.

This was an exciting opportunity for the Health District and the initiatives promoted by the ACHIEVE Wellness Lake County membership; the training goals include:

- Describe the elements of a healthy food retailer certification program
- Share lessons learned from current retailer initiatives in Ohio and beyond
- Provide concrete sustainability planning ideas
- Create an individual plan for expanding retail initiatives

### **3.01.16**

#### **Lake County General Health District Staff Appointed to Ohio Alliance of YMCAs**

Lake County YMCA's Chief Executive Officer Mr. Dick Bennett submitted Deputy Health Commissioner Ron H. Graham's name for one of the four state-wide community leader seats on the Ohio Alliance of YMCAs. On November 20th the Alliance Council affirmed the appointment. The Alliance Council is a dynamic group of YMCA professionals who are engaged in and passionate about public policy and advocacy on behalf of Ohio's Ys. The Council represents 58 strong and diverse YMCA associations throughout the state that serve over 1.6 million Ohioans.

In addition to guiding and monitoring Alliance activities, he will be a member of the Ohio Alliance of YMCAs Foundation governing council. The Alliance Foundation was created to support the great work of the Alliance, as well as each of Ohio's Ys. The Foundation focuses on grant administration for not only statewide YMCA initiatives and programs, but also supports local YMCAs securing and administering grants for community work. Two examples of Foundation initiatives are Pioneering Healthier Communities Ohio, which is a policy change movement targeted at childhood obesity, and Youth in Government.

### **3.01.17**

#### **Lake County General Health District Participated in Council on Small Enterprise Small Business Wellness Dialogue**

The Health District was one of twenty-five targeted agencies to participate in the Council on Small Enterprise (COSE) Small Business Wellness Dialogue on December 3-4, 2013. They believe that with the right information, the right guidance, and the input of experts, stakeholders and their small business owners, they can develop one of the country's best approaches to advancing "the right things" that will help them and their employees continue to pursue healthier lifestyles and advance wellness initiatives in their business.

COSE represents a dense population of small business owners (14,000 member businesses with more than 135,000 employees; 100,000 total businesses in the region) in a relatively tight geography (eight counties) with 15+ other small business chamber partner organizations. The goal during this event is to facilitate a dialogue about the best way an organization like COSE and community partners can impact the wellness initiatives of the small business community.

### **3.01.18**

#### **Lake County General Health District Strategic Plan 2014 Division of Community Health Services**

The Division of Community Health Services (CHS) has identified several goals that align with the 2012-2014 Lake County General Health District's Public Health Strategic Plan to help guide its efforts during fiscal year 2014. A strategic plan is a management tool that serves the purpose of helping an organization do a better job, because a plan focuses the energy, resources, and time of everyone in the organization in the same direction.

Simply put, a strategic plan is the formalized road map that describes how the agency executes the chosen strategy. A plan spells out where an organization is going over the next year or more and how it's going to get there. Typically, the plan is organization-wide or focused on a major function, such as a division or a department. [http://www.lcghd.org/documents/LCGHD%20Public%20Health%20Strategic%20Plan\\_final.pdf](http://www.lcghd.org/documents/LCGHD%20Public%20Health%20Strategic%20Plan_final.pdf)

#### **CHS Goal 1: Prevention, promotion/education, and protection are planned components of all public health programs**

Strategies:

- 1.) Maintain and enhance agency compliance with the newly developed Public Health Accreditation plans including; Workforce Development, Performance Management, Community Health Improvement, and Continuous Quality Improvement.
- 2.) Actively align agency resources to maintain and enhance the infrastructure necessary to deliver effective, efficient, and relevant public health services to the population served.

#### **CHS Goal 2: Hire and retain well qualified employees**

Strategies:

- 1.) Develop a comprehensive recruitment, training, and professional development system that reduces redundant training costs, minimizes staff turnover, and promotes innovation among all employees.
- 2.) Increase the role of the Employee Health and Safety Committee in identifying and implementing occupational safety and employee health programs and services.

#### **CHS Goal 3: Enhance data management and use of public health information**

Strategies:

- 1.) Train and support staff in actively using geographic information system applications to monitor, assess, analyze, and visualize health and disease data to improve program planning, grant acquisition, support community stakeholders, and the identification of health disparities.
- 2.) Evaluate and implement new accounting/financial planning software to accommodate the increased need for financial tracking, reporting, and planning.

#### **CHS Goal 4: Improve external and internal communications and customer service**

Strategies:

- 1.) Prioritize the active and on-going use of customer satisfaction feedback and evaluation methods for both internal and external partners to improve the delivery of health district and related public health services.

- 2.) Increase communication of customer service outcomes to both internal and external customers.

#### CHS Goal 5: Pursue stable and adequate dedicated funding and maximize our resources

Strategies:

- 1.) Increase the number of multi-year, regional, and research grants available to implement evidence based preventive public health programs and contribute to the adoption policies, evidence based programs, and the body of research in the field of public health.
- 2.) Transition small and pilot based grants to an increased number of staff to ensure a foundation of supplemental funds to support the changing needs of the community.

#### CHS Goal 6: Strengthen the public health system to better serve the public, including preparing for emergencies and everyday threats

Strategies:

- 1.) Revise and train staff to support the continuity of operations plan of the Health District, and core functions, during a public health, county-wide, or state-wide emergency.
- 2.) Identify and strengthen new and existing partnerships between the Lake County General Health District and key stakeholders on a routine basis.

### **3.02 CLINICAL SERVICES PROGRAMS – 2013**

The programs and projects of the Clinical Services area are funded by grants, fees and local tax dollars. Programs are implemented by a Nursing Director, five Public Health Nurses, Clerical Supervisor, two clerks and a clerk/translator. Services include: adult, child and flu immunizations; lead screening; health assessments for Jobs and Family Services; Hepatitis C screening; Blood Pressure and Cholesterol screening; care coordination for children with special health care needs; newborn home visits; well child physicals; health education, emergency preparedness planning and community collaboration. Nurses also conduct communicable disease surveillance, investigation, prevention education and tuberculosis control for the county.

Clinical Services staff participated in program and project specific training, competency skill assessment and continuous quality improvement projects. As many of the programs of this division are evidenced based and follow the essential services of public health, nurses provided numerous examples to the agency's Public Health Accreditation committee.

Public Health Nurses represented the Health District on the following state, regional and local committees: Child and Family Health Services Advisory Council, Regional and State Public Health Epidemiology, Regional Infection Control, Head Start Health Advisory, Auburn Career Center Health Service Program Advisory, Lake County School Nurse Consortium, Child Fatality Review Board, Family First Council's Children's Wrap-around committee and Early Childhood Coordinating Committee, Medical Reserve Corps, Metropolitan Medical Response, ACHIEVE, Ohio Tuberculosis Coalition, Ohio Healthy Homes – Lead Prevention Program, Lake Health Homecare Advisory, and the Ohio Public Health Association.

Clinical Services serves residents with public or private medical insurance and those without insurance. The Affordable Care Act has expanded the number of services covered by insurance, including eliminating co-payments for recommended vaccinations under new group and individual plans for in-network providers and for the Medicaid expansion population. To avoid

using our public health budget to pay for services that can be billed to insurers, Clinical Services developed systems to bill an individual's insurance provider while ensuring services are available and the public health safety net is maintained.

In an effort to more effectively integrate and exchange data with our community partners, Clinical Services adopted and implemented an electronic health record system in Well Child Clinics. We utilized Centers for Medicare and Medicaid financial incentives (\$21,200) authorized by the American Recovery and Reinvestment Act of 2009 to purchase one "provider license" and lease the software of eClinical Works. To receive future incentive payments, we must show that we are "meaningfully using" this software by meeting thresholds for a number of objectives established by CMS. The incentive program is staged in three steps with increasing requirements for participation.

### **3.02.01**

#### **Child and Family Health Services /Well Child Clinic**

The Child and Family Health Services (CFHS) Program is designed as an organized community effort to eliminate health disparities, improve birth outcomes and improve the health status of women, infants and children in Ohio. This goal is addressed by assessing and monitoring maternal and child health status; informing and educating the public and families about maternal and child health issues; providing leadership to assure the health of women, children, youth and their families; linking women, children and youth to services, and assuring access to health care; and evaluating the effectiveness, accessibility and quality of health care services. CFHS includes the following four components: Community Health Assessment and Planning (required), Child and Adolescent Health, Perinatal Health. The population of interest for CFHS is low-income women and children in racial and ethnic groups that are disproportionately affected by poor health outcomes. The focus is on geographic areas and populations of highest need.

This program provides a comprehensive well child physical exam, nutritional assessment, hearing testing, developmental screening, and immunizations for children and adolescents. Screenings are age appropriate and completed by a team that includes a physician, several nurses, and a dietitian. Sports, work, pre-school, school-aged physicals, and well baby checkups are completed. Well Child Clinic remains partially funded by the Children and Families Health Services Grant. Fees are based on a sliding fee scale set by the Ohio Department of Health. Medicaid is also accepted.

- There were twenty (20) Well Child Clinics were held in the 2013. A total of one hundred and twenty-six (126) clients were served.
- A Spanish-speaking Interpreter was available for all Well Child Clinics. Language Line Interpreter Service was available for other non-English speaking clients.
- Let's Move Childcare Program was introduced to four local child care facilities to combat childhood obesity. The Coordinated Approach to Child Health (CATCH) an evidenced-based, coordinated school health program designed to promote physical activity and healthy food choices and the prevention of tobacco use in children was introduced to after-school organizations in Lake County.
- Child and Family Health Services Advisory Council met quarterly to review the program goals and to discuss maternal/child needs of the community. The Director of

Nursing serves on this Advisory Council along with other local agencies. Using Healthy People 2020 goals, the advisory members have developed an action plan to increase breastfeeding, increase infant safe sleep awareness, conduct postpartum depression screenings; decrease childhood obesity and provide county-wide awareness of medication safe keeping.

### **3.02.02**

#### **Lead Testing**

Information on Lead Testing, children at risk and side effects of lead poisoning is offered routinely to clients in the Well Child Clinic and Lead Clinic.

- Public Health Nurses follow the case management protocols of the Ohio Department of Health Healthy Homes and Childhood Lead Poisoning Prevention Program. All households with children with elevated lead levels are contacted by a public health nurse for environmental assessment, family education and coordination of future screenings.
- In 2013, one hundred and one (101) children under six years were tested and no child had lead levels above 10ug/dL. Screening clinics took place at the health district and at local Lake – Geauga Head Start locations.

### **3.02.03**

#### **Immunizations/Vaccines**

Vaccines are the safest and most effective way to manage many infectious diseases. Some of the greatest public health successes of the past are the result of successful vaccination programs. The Affordable Care Act has expanded the no-cost coverage of vaccines to most. The Vaccines for Children and Section 317 programs continue to provide a safety net for individuals who are uninsured or underinsured. Vaccines are among the most cost-effective clinical services to prevent diseases among adults and children and also provide a very high return on investment. Additionally, the ability to regularly vaccinate adults and children is an important measure for how well our system can effectively reach and encourage vaccinations. This capability is amplified during a time of crisis, when it is necessary to reach and encourage mass segments or the whole population of a community to get vaccinated against a new threat.

#### **3.02.03.01**

##### **Childhood Immunizations**

This program provides protection against vaccine-preventable childhood diseases through the administration of the appropriate vaccines to children 2 months to 18 years of age, as well as, providing parental education.

- In 2013, fifty-six (56) Child Immunization Clinics were held vaccinating one thousand one hundred and four (1104) children. Clinics were held at various locations and times, in an effort to fully serve clients throughout the county. Spanish-speaking Interpreters were utilized at the Painesville morning and afternoon clinics.
- In 2013, greater than 77% of two year olds who attended a Health District clinic were up to date on recommended vaccinations.

- Utilized Ohio Immunization Registry (IMPACT SIIS) to enable data sharing.
- Adopted strategies to accept multiple insurance payers-reducing out of pocket costs for insured children. Participant breakdown by payment method indicated: 43% no insurance; 29% Medicaid insured; 16% privately insured; and 12% underinsured (insured but no vaccine coverage).
- Worked with school nurses to facilitate children meeting school vaccination requirements. This included providing vaccinations at the August Back to School event and a Painesville middle school Tdap clinic.
- The Health District continues to partner with community businesses, local service organizations, libraries and the pharmaceutical companies to provide incentives and information literature to the community to improve immunization awareness. English and Spanish immunization education occurs through local radio spots, advertisements and LakeTran bus ads.
- The Immunization Action Plan Grant funds outreach activities for the community and medical providers. Fairs, events and presentations are utilized to increase awareness of the need for childhood immunizations.
- The Maximize Office-Based Immunization Program (MOBI) and the Assessment Feedback Incentives Exchange (AFIX) reports and assessments are offered to local medical providers to assess immunization activity in their practice. We provided the education program and practice assessment to the staff of eight physician practices.
- Lake County General Health District continues as a site for area nurse/provider trainings, provided through Center for Disease Control (CDC) and Ohio Department of Health (ODH). Immunization staff attends these programs to acquire training on vaccine information and schedules. Nurses receive continuing education credits for this training.
- Medical Director, Nancy Rodway, MD, reviewed and approved all policies and procedural changes that were recommended by the Clinical Services Policy and Procedure Review Committee.
- Staff nurses meet monthly and review current trends, address changes needed in practice standards and assure that the Immunization Practice Standards Protocol for the agency are up-to-date. Immunization program quality is monitored through medical chart audits, staff competency assessment and client satisfaction surveys.

### **3.02.03.02**

#### **Adult Immunizations**

This program provides appropriate vaccines to the adult population for vaccine-preventable communicable diseases.

- In 2013, twenty-three (23) clinics were held vaccinating five hundred and twenty-seven (527) adults. Participant breakdown by payment method indicated: 63% were self-pay; 29% privately insured; and 8% had Medicaid.
- Staff promoted adult immunization awareness and the need for vaccine protection at various fairs, presentations and events throughout the year. Adult vaccine information is provided to parents on newborn home visits, school nurse meetings, community education courses and community presentations.
- To reverse the trends of increase in the occurrence of pertussis, eligible caregivers of

young children were offered a tetanus-diphtheria and pertussis (Tdap) booster at all children and adult clinics at a reduced rate.

### 2013 VACCINE ADMINISTERED SUMMARY

Shaded square equals not applicable

Vaccine Name	Childhood	Adult
Influenza	302	1210
DTaP	93	
Hepatitis A	284	108
Hepatitis B	73	251
HIB	90	
HPV	208	
Kinrix	73	
Meningitis	158	9
MMR	159	15
Pediarix	40	
Pentacel	31	
Pneumonia	2	5
Polio	89	
Prevnar	115	
Rabies		10
Rotavirus	55	
Td/Tdap	188	151
Varicella	190	20
Zostavax		42
<b>TOTALS</b>	<b>2150</b>	<b>1821</b>

#### 3.02.03.03

##### Flu Clinics

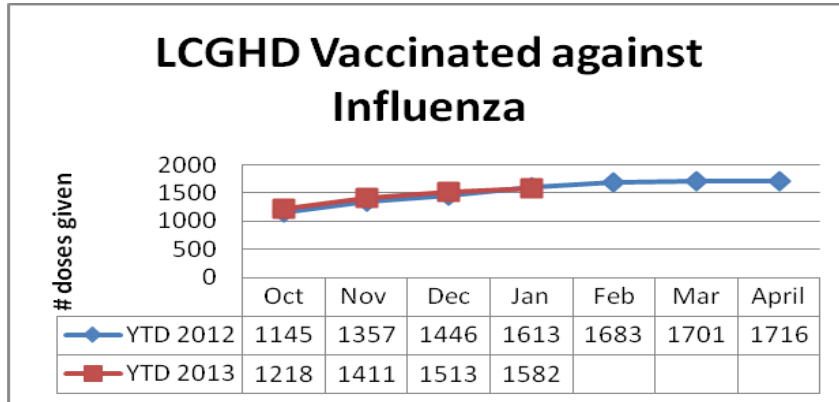
The safest most effective way to prevent flu is to receive an annual flu shot. Vaccination against influenza is recommended for anyone over 6 months of age who wants to reduce the risk for becoming ill with influenza or transmitting it to others. In 2012-13 season, only 40% of Ohioans were vaccinated against influenza.

- One thousand two hundred and thirty-one (1210) adult doses were administered from October 2013 through December 2013. The Lake County General Health District offered seniors the high-dose flu vaccine this year. The immunization clinics were conducted at Senior Centers, Lakeland Community College, various adult care facilities and at the Lake County General Health District. The Clinical Services Public Health Nursing staff made 9 home visits to those unable to attend a clinic.
- Three hundred and eighty-seven (302) child doses of flu have been administered from September through December 2013. Lake County General Health District offered flu



vaccine in nasal and injectable formulations. Flu vaccine continues to be administered for the first few months in 2014.

- In 2013, sporadic reports of influenza began in November. By the beginning of January 2014 there was evidence of widespread illness in Ohio.
- Increased public education about the importance of getting vaccinated occurred through various media venues - local cable channel interviews, radio interviews, internet, radio spots, and regular press releases.



### **3.02.04**

#### **Bureau for Children with Medical Handicaps (BCMh)**

This program targets families of children ages 0-21 years of age, who have a medical handicapping condition and who need financial assistance for uninsured medical expenses related to the child's ongoing medical care. Families must meet income eligibility requirements.

- A monthly average of two hundred and ninety-two (292) Lake County children were currently enrolled in the BCMH program during 2013. This includes diagnostic, treatment and service coordination (PHN) programs. Approximately, two hundred and seven (207) Lake County children are active on the BCMH Treatment Program.
- The BCMH Public Health Nurse initiated diagnostic coverage on twenty-three (23) newly identified children.
- Nine (9) home visits were made to clients on the BCMH Program.
- BCMH Public Health Nurse (PHN) assesses the medical needs of the Help Me Grow (HMG) clients. HMG/PHN referrals were reviewed resulting in seven (7) home visits to clients.

### **3.02.05**

#### **Newborn Home Visit Program**

The Newborn Home Visit Program targets first time parents, teen parents, and their newborn infants. Public Health Nurses make a one-time home visit in the first few weeks after the baby is born to provide an assessment of mother and child, answer questions, link families to services and resources within our community and provide information to keep babies healthy and safe.

- Public Health Nurses made one hundred and fifty-two (152) newborn home visits.

- A \$10,000 Lake County Community Block Grant was awarded to support this project from October 2012 through August 2013.
- Targeted Safe sleep education was conducted to support state-wide initiative to reduce Infant Mortality.
- Post-partum depression was assessed using Edinburgh post-partum depression tool.
- Nurses conducted a quality improvement project to increase breastfeeding duration.

### **3.02.06**

#### **Communicable Disease Program**

Germs have no boundaries. The threat of infectious disease continues to exist in this country - (MERS, novel influenza, MRSA, Hepatitis A). This program identifies and controls communicable disease outbreaks in Lake County in order to protect the public from illness, disability and/or death. Communicable Disease maintains a system of surveillance and communication to identify and monitor ongoing and newly emerging infectious diseases; investigation capacity and the ability to develop containment strategies. They forward reports of communicable disease to the Ohio Department of Health (ODH).

- One thousand three hundred and thirty-one (1,331) communicable diseases were directly reported to the Lake County General Health District by laboratories, physicians, hospital and other health professionals for 2013. All required investigations were completed on cases reported to the Health District. One hundred and forty-four cases were reported and transferred to other jurisdictions. An additional one hundred and fifteen (115) investigations did not meet the ODH case definition and deemed not a case.
- Three (3) disease outbreak investigations were conducted during the year (2 norovirus and 1 Hepatitis A) impacting a total of fifty (50) individuals.
- Nurses utilize the Epi-Center Surveillance System to monitor regional hospital emergency department registrations. This community health surveillance program observes for surges in respiratory, gastrointestinal and neurologic conditions. This year, ninety-one (91) Epi-Center investigations were conducted.
- Influenza surveillance is conducted with the local laboratories, urgent cares, physician offices reporting positive influenza rapid tests on a weekly basis during flu season. By year-end, twenty-one (21) individuals had been reported as hospitalized for the 2013-2014 influenza season.
- Disease investigation staff participated in Regional and State Epidemiology workgroups, trainings and exercises (Gastro-Gambit) and published the *2012 Lake County Communicable Disease Report*.
- The Centers for Disease Control (CDC) has posted a final web update on the *Salmonella* outbreak (March –August 2013) linked to live baby poultry sourced from a mail-order hatchery in Mt. Healthy Ohio. A total of one hundred and fifty eight (158) persons from thirty (30) states were infected. Ohio reported twenty- two (22) cases associated with this outbreak from the following counties: Adams, Ashtabula, Erie, Fairfield, Fayette, Franklin, Greene, Jefferson, Lake, Madison, Miami, Montgomery, Portage, Sandusky, Union, and Washington. Of Ohio’s twenty-two (22) cases, 36% (8) were in children younger than five years, 23% (5) were children aged 5-17 years, and the remaining were adults aged 21-46 years; 59% (13) of cases were

female. Nearly one-third (32%) of cases were hospitalized. More than three-fourths of cases (77%) reported exposure to chicks or ducklings prior to illness onset; known sources of the poultry traced back to Mt. Healthy Hatchery.

### Communicable Disease Surveillance Report

Type of Case Reported	2011	2012	2013
Botulism – Infant	0	0	0
Campylobacter	30	23	48
Chlamydia	534	625	672
Coccidioidomycosis	0	1	0
Creutzfeldt Jakob Disease	0	1	0
Cryptosporidiosis	7	5	2
Cytomegalovirus (Congenital)	0	1	0
E. Coli 0157:H7	0	1	1
E. Coli <i>not</i> 0157:H7	3	0	2
Giardia	8	4	9
Gonorrhea	136	141	143
Haemophilus Influenza	7	2	2
Hepatitis A	7	3	8
Hepatitis B	19	23	25
Hepatitis C	154	169	185
Influenza-Hospitalized	34	31	87
LaCrosse Virus Disease	1	0	0
Legionella (Legionnaires Disease)	5	4	9
Lyme Disease	8	2	2
Meningitis, Aseptic	11	7	9
Meningitis, Bacterial – not Neisseria	1	2	0
Mumps	2	1	2
Mycobacterium, Abcessus	0	1	1
Mycobacterium, Avium	10	5	5
Mycobacterium, Avium Intracellulare	2	9	6
Mycobacterium, Chelonei	1	1	0
Mycobacterium, Fortuitum	2	0	2
Mycobacterium, Gordonae	7	3	6
MycobacteriumMucogenicum	0	0	1
Mycobacterium Other Than TB	1	1	4
Mycobacterium, Tuberculosis (Case)	0	1	1
Mycobacterium, Tuberculosis (Suspect)	0	0	1
Mycobacterium, Tuberculosis Complex	0	0	1
Mycobacterium, Xenopi	0	1	1
Pertussis	6	25	16
Rocky Mountain Spotted Fever	0	1	0
Q-Fever	1	0	0
Salmonella	30	23	41

<b>Type of Case Reported</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>
Shigellosis	3	16	5
Streptococcal, Group A	12	4	5
Streptococcal, Group B (newborn)	0	0	1
Streptococcus, Pneumonai	13	11	13
Syphilis	14	8	5
Varicella	48	16	8
West Nile Virus	1	0	1
Yersinia	0	2	1
<b>TOTALS</b>	<b>1118</b>	<b>1174</b>	<b>1331</b>

### **Top 5 Reportable Diseases by Age Range in 2013.**

<b>Disease</b>	<b>0-15 yrs</b>	<b>16-18 yrs</b>	<b>19-25 yrs</b>	<b>26-35 yrs</b>	<b>36-45 yrs</b>	<b>45 yrs +</b>	<b>Total</b>
Chlamydia	18	119	384	126	19	6	<b>672</b>
Hepatitis C	1	3	34	23	30	94	<b>185</b>
Gonorrhea	4	18	71	36	7	7	<b>143</b>
Influenza-Hospitalized	21	1	2	0	4	59	<b>87</b>
Campylobacter	3	2	4	3	3	33	<b>48</b>

#### **3.02.07**

#### **Rabies Vaccine Program**

This program targets residents of Lake County who had or may have a potential exposure to Rabies. Communicable Disease Nurses provide information on how to obtain Rabies vaccine for use in post-exposure therapy. Technical information on Rabies disease and Rabies vaccine is provided to local physicians upon request. An information packet about Rabies and Rabies vaccine is available to clients/families in need of post-exposure vaccine.

Pre-exposure rabies vaccine (3 dose series) is available to individuals in high risk occupations. Pre-Exposure Rabies vaccine administered to four (4) clients in 2013.

#### **3.02.08**

#### **Tuberculosis Control Program**

Communicable Disease Nurses receive reports of suspect and confirmed cases of active Tuberculosis (TB) for contact identification and follow-up. Prevention efforts include medication therapy for positive reactors and cases and providing TB Testing Clinics and client education. Fees for TB Testing are determined annually by the Board of Health.

- A total of thirty-three (33) TB Skin Testing Clinics were held between the Painesville and Willoughby Clinics. Additional skin testing was conducted at assisted living facilities and workplaces.
- Two (2) confirmed TB cases were reported in Lake County for 2013 and case management services initiated.
- A total of thirty (30) home visits were made to ensure medication compliance for the

TB cases.

- TB Risk Assessment was conducted under CDC guidelines. The Lake County General Health District is a low risk facility for TB disease.
- A total of eight hundred and seven (807) TB skins tests were administered by the Health District.
- A total of eight (8) clients TB tested through the Health District had a positive reaction.
- One hundred and fifty-six (156) TB skin tests were provided at no charge to residents of the local homeless shelter.
- Responded to severe decrease in supply of Isoniazid (INH), one of the four core drugs to treat tuberculosis disease and infection.
- Responded to April through November 2013 nationwide shortage of Tubersol, the approved solution for use in tuberculosis skin testing, by providing additional community testing services.

Health District TB Program Review:	2013
# TB Tests Performed	807
# Positive Reactors from TB testing	8
Percentage of Positives	.09

Other TB Statistics	2013
Number of Verified TB Cases Reported from all sources	2
Number of Clients Receiving TB Medication through the Health District	12

### **3.02.09**

#### **Hepatitis C Antibody Screening Clinic**

In response to a major U.S. health problem of chronic Hepatitis C, the Lake County General Health District continued testing high-risk adults for Hepatitis C. It is estimated that nearly four million Americans are infected with Hepatitis C, but 75% of these individuals do not know they are infected. This free screening test can detect if the person had been infected with hepatitis C by a finger stick blood test. If the test returns positive the person is referred to a physician for follow up. Twenty-two (22) high-risk adults were screened in 2013.

### **3.02.10**

#### **Community Education**

The Lake County General Health District offers three (3) courses required for child providers and teachers. Each course has a set fee payable at the time of the class and is taught by a Health District Public Health Nurse.

- Pediatric First Aid for Caregivers and Teachers (Ped FACT) an American Academy of Pediatrics pediatric first aid six-hour course. We updated the curriculum on this course

- Basic Life Support (BLS) Skills a four-hour American Heart Association CPR course.
- Communicable Disease Full Course (6 hour) and Refresher Course (3 hour) for child care providers working in licensed centers or Type A homes.

Additionally, public health nurses provide bloodborne pathogen training, communicable disease awareness classes and blood pressure screenings for numerous Lake County agencies and businesses. Three hundred and forty-nine (349) individuals received training by a public health nurse.

### **3.02.11**

#### **Other Public Health Clinical Activities**

##### Genetic Newborn Screening.

This is a mandatory screening of all newborns in accordance with Ohio Administrative Code 3701.45. The Health District would provide this screening if there was a home-birth with no physician or midwife in attendance or when a physician is unable to locate a baby who needs a second test or retest. In 2013, the Health District followed up with 12 home birth families about testing. None required public health nursing assistance for testing.

##### Universal Newborn Hearing Screening.

This is a mandatory notification to parents/guardian of the availability of Ohio's Newborn Hearing Screening program in accordance with Ohio Administrative Code 3701-40-10. In 2013, the Health District assisted twelve families obtain hearing screenings for their infants.

##### Health Assessments.

This is a service that Clinical Services provides to perform initial health screenings as needed for placement of foster/custody children. There were five (5) health assessments completed by Public Health Nurses in 2013 for the Lake County Department of Job and Family Services.

##### Perinatal Hepatitis B Prevention Program

This program supports pregnant women and new mothers affected by Hepatitis B in receiving appropriate medical care for their children and themselves. This includes Hepatitis B immunization, and testing to prevent infants and family from getting Hepatitis B for eight families.

##### Sickle Cell Anemia Diagnostic Testing.

Clinical Services continues to partner with the American Sickle Cell Anemia Association to provide a monthly diagnostic testing and counseling clinic for sickle cell anemia and other hemoglobin disorders to local residents. In 2013, thirty-five (35) Lake County residents were tested at the Health District and sixty-three at Lake Geauga United Head Start.

### **3.03 PUBLIC HEALTH SOCIAL WORK**

#### **3.03.01**

##### **HIV Prevention**

The HIV team tested four hundred and ninety five (495) people throughout Lake, Geauga, and Ashtabula counties in 2013 These numbers also included testing at Lakeland Community College,

Teen Challenge, Lake House Recovery, Lake and Ashtabula Salvation Army, and Community Action in Ashtabula

Throughout the year the HIV peers and the HIV team put out multiple flyers and clinic schedules to help spread the word about prevention and testing. HIV Prevention surpassed its testing goals this year and formed 3 new partnerships with fifteen (15) Memorandum of Understanding's (MOU) in the tri-County area.

**3.03.02**

**HIV Medical Case Management**

The Lake County Health District shifted the HIV Medical Case Management services and support this year to the Public Health Social Work Unit. During this transition the Unit has re-structured to include weekly staff meetings, clinical chart reviews, and training on the standards of care performance management documents to streamline services and better define outcomes to HIV positive individuals and their families. The primary focus of Case Management continues to be establishing adequate medical care for clients, ensuring medication adherence, and preventing HIV transmission. Medical case managers also assist with linkage and referral (when appropriate) for other supportive services such as housing, utilities, and food assistance with a current proposal completed for 2014 to add additional staff hours for these support services.

At the closure of 2013 there were eighty-four (84) active individuals in Lake, Geauga, and Ashtabula counties utilizing our HIV Case Management services. Of the 84, seventy-six (76) were below poverty.

**3.03.02.01**

**HIV Case Management Demographics**

**Age**

51 and over	40-50	30-49	20-39	19 and under
26	36	12	5	5

**Race**

Caucasian	African American	Asian
69	15	2

**Sex**

Male	Female	Transgender
56	27	1

### **3.03.03**

#### **HIV Early Intervention Services**

The main feature of 2013 Early Intervention Service (EIS) was to clarify and streamline the defined service needs for the regional area and retain the Ryan White Standards of Care. The services are currently geared toward the newly diagnosed and those starting over in care. This includes a population of education to those at-risk who do not know their status, in order to encourage testing. The goals are to provide health education regarding the HIV disease, referrals to needed community services, and to transition to Medical Case Management or medical care before EIS services are terminated. Team meetings are held with Case Management and Prevention staff to determine when an individual is in need of EIS or Medical Case management.

### **3.03.04**

#### **HIV Food Bank**

In 2013, six hundred and thirty-one (631) clients were served by the HIV Food Pantry.

### **3.03.05**

#### **HIV Outreach**

Like the Early Intervention Services program, Outreach Services were redefined within the Ryan White Standards of Care for the Health District. For Outreach Services, those HIV positive clients at risk for non-medication adherence or medical care, or those who are out of care, but still in Case Management, will receive outreach support services to make referrals and ensure linkages to medical care. This service will be driven by the peer-to-peer program to motivate and support clients to engage in care and provide services to increase medical outcomes. Peers will build relationships, assist in making appointments, and provide transportation, as needed, to medical appointments.

### **3.03.06**

#### **The Ohio Benefit Bank**

<b>Applications Completed Year to Date (September 2013 –December 2013)</b>	<b>Totals</b>
OH Common Application (JFS 7200)	37
OH Energy Assistance Program	22
OH Help with Medicare Expenses (JFS 7103)	4
OH Combined Programs (JFS 7216)	5
Help with Medicare Prescription Drug Plan Costs (LIS)	4
OH Healthy U Referral	11
OH Golden Buckeye	1
OH Child Care Benefits	1
Free Application for Federal Student Aid 2012-2013	1
<b>Total</b>	<b>52</b>



**3.03.07**

**Drug Assistance Program**

<b>AGE</b>	<b>Number</b>
6 to 12	0
13 to 18	1
19 to 25	2
26 to 39	20
40 to 55	21
56 to 65	137
66 to 75	57
76 to 80	29
81 to 85	16
86 to up	22
Unknown	16
<b>TOTAL</b>	<b>321</b>

<b>GENDER</b>	<b>Number</b>
Male	116
Female	205
<b>TOTAL</b>	<b>321</b>

<b>COMMUNITIES SERVED</b>	<b>Number</b>
44057 Madison	17
44060 Kirtland Hills	2
44060 Mentor	56
44060 Mentor on the Lake	6
44060&44077 Concord	10
44077 Fairport Harbor	7
44077 Painesville	78
44081 Perry	14
44092 Wickliffe	15
44092 Willoughby Hills	4
44094 Kirtland	1
44094 Willoughby	27
44095 Eastlake	29
44095 Willowick	13
Ashtabula County	2
Cuyahoga County	5
Geauga County	34
Portage County	1

**3.03.08**

**Certified Application Counseling (CAC)**

This program will assist qualified individuals and employers in comparing health insurance options, known as Qualified Health Plans (QHP's) which meet basic standards such as quality and consumer protections under the Obama Healthcare Law. The program also, will assist qualified consumers with application and enrollment in the Ohio expanded Medicaid Insurance Program. The Lake County General Health District will help over 100 individuals per month with applications and enrollment, and provide outreach to 350 individuals/businesses per month.

<b>CAC Clients</b> (Began the last week of October 2013)			
<b>Phone</b>	<b>Email</b>	<b>In-person</b>	<b>YTD Total</b>
39	12	22	73

### **3.04      WIC (Women, Infants and Children)**

#### **3.04.01** **WIC Program**

The WIC program serves: pregnant, post-partum, breastfeeding women, infants and children up to five years old who have qualifying income and medical/nutritional health risks.

WIC...

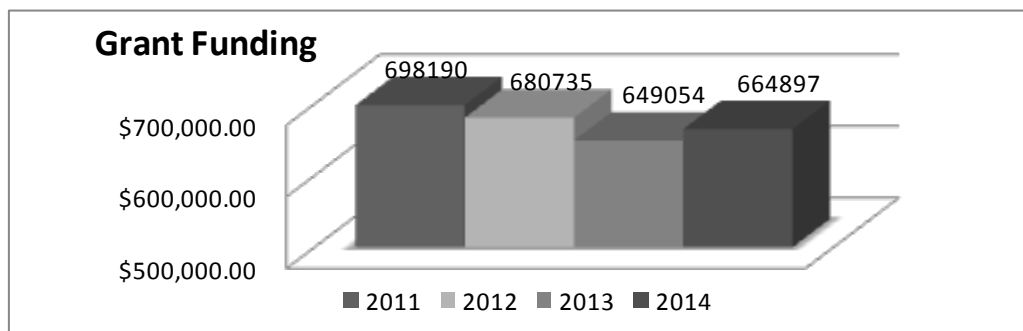
- provides nutrition and breastfeeding education, counseling and support.
- is a supplemental food program offering nutritious foods aligning with the dietary guidelines including, but not limited to: fresh fruits and vegetables, whole grains, low fat dairy products and high protein sources.
- is a referral agency working closely with other community health care services.
- provides nutritional care through a collaboration of health professionals including, licensed dietitians, registered nurses, physician assistants, nurse practitioners and physicians.
- provides individual nutrition assessments, group nutrition sessions, one on one counseling sessions, self-education, breastfeeding peer support groups, and high risk counseling sessions.
- provides Best Practices.

WIC has been proven to...

- help fight against childhood obesity by promoting physical activity paired up with good nutrition counseling.
- decrease rates of pregnancy weight gain less than or greater than ideal.
- decrease the rate of anemia in the 3<sup>rd</sup> trimester.
- decrease the rates of infant low and high birth weight.
- help increase breastfeeding initiation rates by offering breast pumps and an increase in food for our breastfeeding mothers.
- decrease smoking rates during the last three months of pregnancy by implementing our smoking cessation program, screening all pregnant women.

#### **3.04.02** **WIC Funding**

Funding is provided through the Ohio Department of Health.

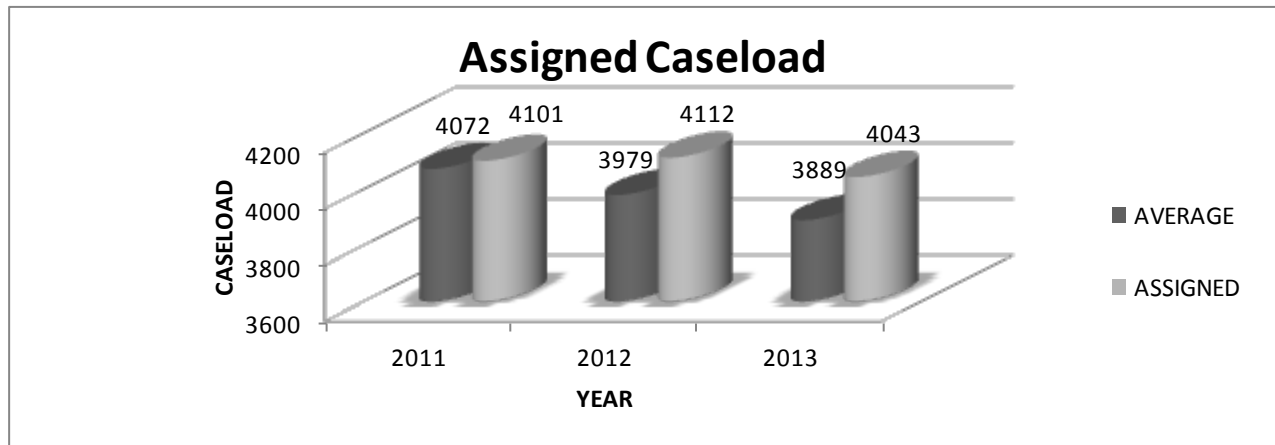


**3.04.03**

**WIC Locations and Caseload**

The Lake County WIC Program has three clinics in the county.

1. Painesville, located in the health department, which makes up 56% of our caseload.
2. Willoughby (west), located in Willoughby on Euclid Avenue, which makes up 34% of our caseload.
3. Madison (east), located at Stratton Place, which makes up 11% of our caseload.



**3.04.04**

**WIC Vendors**

The Lake County WIC Program offers Farmer’s Market vouchers to qualifying participants. Vouchers valued at \$15.00 each were provided to 689 participants in 2013, generating potential revenue for local farmers estimated at \$10,335.00.

<b>Farmer’s Market Distribution 2013</b>					
	Pregnant	Post-Partum	Breastfeeding	Children	TOTAL
Painesville	27	15	15	215	<b>272</b>
Willoughby	8	8	9	103	<b>128</b>
Madison	24	19	12	138	<b>193</b>
<b>TOTAL</b>	<b>59</b>	<b>42</b>	<b>36</b>	<b>456</b>	<b>593</b>

Lake County WIC supports our local economy by partnering with 31 different vendors in various cities throughout the county. On a monthly average, approximately \$260,000.00 is generated at our local stores.

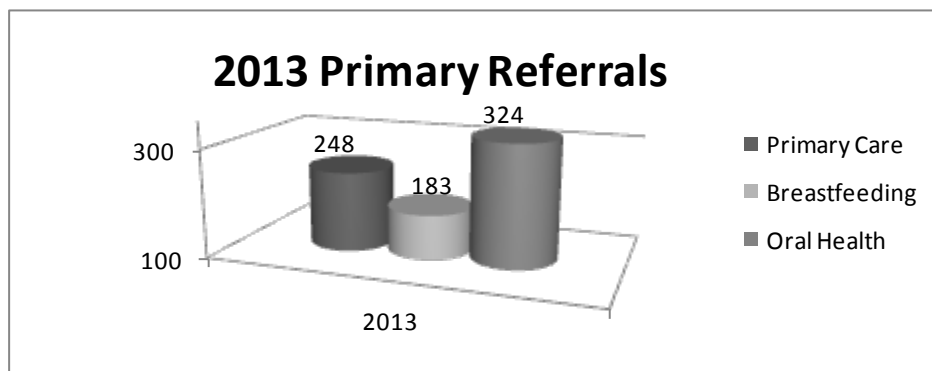
2013	1 <sup>st</sup> Quarter	2 <sup>nd</sup> Quarter	3 <sup>rd</sup> Quarter	4 <sup>th</sup> Quarter	Total
	\$792,947.26	\$763,064.05	\$818,921.76	\$801,372.45	<b>\$3,102,283.44</b>

### **3.04.05**

#### **WIC's Other Programs**

The Lake County WIC Program has implemented new screening processes and programs to help promote healthier lifestyles and enhance collaboration among other health care agencies.

- ✓ Implementation of best practices five A's smoking cessation program.
- ✓ Partners with mobile dentist to run clinics twice annually. In 2013 there were 324 referrals made to oral health.
- ✓ Partners for breastfeeding support. In 2013 there were 128 referrals made for additional breastfeeding support.
- ✓ Partners with local physicians. In 2013 there were 248 referrals made to local physicians.



### **3.05 HEALTH PROMOTION AND PLANNING**

#### **3.05.01**

##### **Unit Supervisor's Report**

The Unit Supervisor has been involved in the federal and local audits for the following grants: HIV Case Management, Cities Readiness Initiative, Public Health Emergency Preparedness, and Safe Communities through the Ohio Department of Public Safety. In October 2013, the Health Promotion and Planning Unit was reorganized along with the Public Health Social Work Unit. In the transition phase, many job duties were reassigned to establish a solid transition.

The Unit Supervisor assisted in various health fair events throughout the year. Also, the following exercises/major trainings were attended: Second Annual Lake County Strategic National Stockpile Advisory meeting and raining, Perry Nuclear Power Plant graded Drill, a Continuity of Operations Plan training, Social Media and Preparedness training, and a Women's Conference.

A leadership training was completed along with other management staff. Throughout the year, webinar information and articles were distributed to engage the public health accreditation process.

### **3.05.02**

#### **Health Educators**

##### **3.05.02.01**

#### **Preparedness Specialist**

The Preparedness Specialist served as the Public Information Officer and Clinic Liaison Officer for the Perry Point of Dispensing Set-Up and Mass Dispensing Drill at Perry Middle School. The Preparedness Specialist served as an invited evaluator of the public information objective for the Pandora tabletop exercise at the Cuyahoga County Medical Examiner's Office and the Cleveland Indians Active Shooter Full Scale Exercise at Progressive Field and the Cleveland Emergency Operations Center. The Preparedness Specialist was invited to and attended a meeting to assist in reviewing the Crisis Plan for Auburn Career Center.

The Preparedness Specialist assisted with the creation of the WIC Breastfeeding Lake County Facebook page and a new Healthy Fatherhood Program Facebook page.

The Preparedness Specialist planned and executed the Third Annual Strategic National Stockpile Advisory Board Meeting on April 26, 2013 at the Lake County Emergency Operations Center. Forty-five individuals from 16 different disciplines of local agencies attended. Speakers included representatives from Perry Joint Fire District, Perry Village Police Department, Lake County Sheriff's Office, and the Federal Bureau of Investigation.

After consultation with the Painesville City Police Department (PD), the Preparedness Specialist revised the Lake County General Health District (LCGHD) Building Emergency Evacuation Plan to include the element of "Active Shooter" and coordinated and facilitated three trainings on the plan with the Painesville City PD for LCGHD staff.

The Preparedness Specialist created the training *Lake County Point of Dispensing (POD) Core Management Team and General POD Training* to be taken by LCGHD staff as part of their general orientation. It can also be taken by new POD volunteers.

#### **Data Reports**

<b>Plans and Documents 2013</b>	<b>New, Updated, and Reviewed</b>
<b>Total YTD</b>	<b>42</b>
<b>Number of New Fans/Followers on Social Media</b>	
<b>Total YTD</b>	<b>451</b>
<b>Number of Community Interactions on Social Media</b>	
<b>Total YTD</b>	<b>1979</b>
<b>Agencies/Individuals Served/Total Documents/Items 2013</b>	
<b>Total YTD</b>	<b>1346</b>
<b>News Releases 2013</b>	
<b>Total YTD</b>	<b>55</b>

### 3.05.02.02

#### Medical Reserve Corps

In 2013, 24 new volunteers joined the Medical Reserve Corps (MRC) Unit, four medical and twenty for the new MRC Veterinary Response Team (VRT). Presently, there are 112 medical MRC volunteers, 12 non-medical volunteers, and 36 volunteers trained for the Veterinary Response Team. The MRC Coordinator attended several trainings; including, MRC Seasonal Leadership and Training Summit, IS-10 Animals in Disaster, IS -111 Livestock in Disaster, Disaster Preparedness for Animals (Disaster Psychology, Animal Behavior and Handling, Emergency Animal Sheltering, Search and Rescue, Decontamination, Animal First Aid/, Ohio Responds Training, QI leaders/Accreditation Coordinators Learning Community, Ohio Voluntary Accreditation Team Learning Community, and Performance Management. New VRT members attended intense trainings in the Animals in Disaster modules.

MRC volunteers assisted with the following: Drug Repository, Perry Point of Dispensing Drill, Fairport Harbor Enchantment of Healthy Living Just Run day/evening events, Back to School Bash. In addition to these events, volunteers assisted with unit recruitment efforts.

#### Data Charts

<b>Lake County Medical Reserve Corps Volunteers (November, 2013) OHIO RESPONDS</b>			
Volunteers by Profession (Medical)	Number Registered	Total number of Registered Volunteers on Ohio Responds	Total Percentage
Registered Nurse	49	112	44%
Other Medical	24	112	21%
Pharmacist	9	112	9%
Licensed Vocational Nurse	6	112	6%
Physician M.D.	5	112	5%
Social Worker / Clinical	5	112	5%
Advanced Practice Nurse	3	112	2%
Mental Health Counselor	2	112	1%
Veterinarian	2	112	1%
Veterinary Technician	2	112	1%
Dentist	1	112	1%
Licensed Practical Nurse	1	112	1%
Physician Assistant	1	112	1%
Home Health Aide	1	112	1%
EMT-Paramedic	1	112	1%
<b>TOTAL VOLUNTEERS</b>	<b>112</b>	<b>112</b>	<b>100%</b>

<b>Lake County Medical Reserve Corps Volunteers (November, 2013) OHIO RESPONDS</b>			
Volunteers by Profession (Non-Medical)	Number Registered	Total Number Volunteers	Total Percentage
Other Non-Medical	5	12	42%
Government	4	12	34%
Insurance	1	12	8%

<b>Lake County Medical Reserve Corps Volunteers (November, 2013) OHIO RESPONDS</b>			
Volunteers by Profession (Non-Medical)	Number Registered	Total Number Volunteers	Total Percentage
Administrative Support Worker	1	12	8%
Storage and Distribution Manager	1	12	8%
<b>TOTAL VOLUNTEERS</b>	<b>12</b>	<b>12</b>	<b>100%</b>

The Lake County MRC Veterinary Response Team are comprised of MRC volunteers on Ohio Respond with and without medical backgrounds and volunteers who do not have access to a computer.

<b>Lake County Veterinary Response Team Volunteers – (November, 2013)</b>			
Volunteers by Profession	Number Registered	Total Number Volunteers	Total Percentage
Veterinarians	2	27	8%
Veterinarian Techs	2	27	8%
Non-Medical	23	27	84%
<b>TOTAL VOLUNTEERS</b>	<b>27</b>	<b>27</b>	<b>100%</b>

### **3.05.02.03**

#### **Safe Communities**

As the Lake County Safe Communities Coalition Coordinator, the Health Educator organized many community events and campaigns throughout 2013. To kick off the *Click It or Ticket* campaign at Heroes Day, the Coalition presented their Outstanding Community Partner Award to Yours Truly Restaurant of Mentor. Buckle-Downs were held at eight Lake County McDonald's restaurants in May. The Coalition partnered with three neighboring county coalitions to host the Northcoast Motorcycle Safety Ride in May. A record turnout of nearly 300 participants enjoyed a safe ride escorted by the Ohio State Highway Patrol. The Health Educator attended two Bike Nights at Quaker Steak & Lube and provided motorcycle safety information to riders during the Lake County Captains Bike Night. The Coordinator hosted a dinner to kick off the *Drive Sober or Get Pulled Over* campaign in August, as well as participating in Kids Day at the Lake County Fair. To promote the use of designated drivers during the Halloween season, the Coalition partnered with the Downtown Willoughby Bar & Restaurant Association to create a poster for all their member organizations to post. Near the end of the year, the Coalition partnered with the Lake County Crime Prevention Taskforce to host the Protect & Serve Tavern at the Great Lakes Mall in Mentor. The Coalition distributed over 25,000 themed-napkins to bars and restaurants to promote designated drivers during the St. Patrick's Day and December holiday party seasons. Additionally, the Health Educator provided traffic safety information at tables during National Night Out, Kmart Safety Day, Lake Health Hospital Employee Health Fairs, Lake County Employees Health Fairs, and the City of Painesville Employees Health Fairs. Six Coalition meetings were held in 2013, as well as meetings of the Crash Fatality Review Board, School Resource Officers, and the Fire Safety Educators.

The Health Educator conducted both child safety seat classes and installations, distributing both child and booster seats to Lake County residents. The Health Educator coordinated a child safety

seat check and distribution at the Back to School Bash in August. The Health Educator attended the 2013 Child Passenger Safety Technician Refresher course in February.

The Health Educator received a grant of 50 bike helmets from the Ohio American Academy of Pediatrics in May and coordinated a free distribution at the Great Lakes Mall. The Health Educator assisted the principal at Maple Elementary in Painesville by providing bike helmets for their students.

The Health Educator chaired the Child Fatality Review Board Meeting and is a member of the Child and Family Health Services Advisory Board. The Health Educator serves as the secretary for the Lake County Suicide Prevention Coalition. The Health Educator also worked with Dr. Keep from Lake Health to publish the Lake County Drug Surveillance Report in January, giving the community a more detailed account of opiate deaths occurring in Lake County. The Health Educator worked at the Just Run<sup>®</sup> 5k, Enchantment of Healthy Living event, Carnival of Choices Fair, and the Back to School Bash.

The Health Educator continued training for the role of Back-Up Public Information Officer (PIO) for the Lake County General Health District, observing the Perry Drill Exercise, attending an Strategic National Stockpile training, and attending a lunch and learn series at the Northeast Ohio Sewer District. The Health Educator also completed the G290 and G291 Basic PIO Series hosted by the Ohio Emergency Management Office.

<b>Seat Distribution</b>	<b>HI Back Boosters</b>	<b>Convertible Seats</b>	<b>Backless Boosters</b>
<b>Total for 2013</b>	<b>5</b>	<b>57</b>	<b>29</b>

<b>Child Passenger Seat Participant Demographics – City 2013</b>									
	City								
	Pville	Estlke	Madison	Mentor	Willowick	Concord	WH	Other	Total
<b><u>YTD</u></b>	28	5	6	11	2	2	4	12	<b>70</b>

<b><i>Child Passenger Seat Participant Demographics – Race 2013</i></b>				
	Caucasian	African-American	Hispanic	<b>Total</b>
<b><u>YTD</u></b>	47	7	16	<b>70</b>

<b><i>Safety Seat Installations/Checks 2013</i></b>				
	Infant	Convertible Rear-Facing	Forward-Facing	<b>Total</b>
<b><u>YTD</u></b>	18	18	5	<b>41</b>

<b><i>Bike Helmets Distributed 2013</i></b>					
	Toddler	Child	Youth	Adult	<b>Total</b>
<b><u>YTD</u></b>	41	73	0	1	<b>115</b>



### 3.05.02.04

#### ACHIEVE

The Health Educator, as the Chair for ACHIEVE Wellness Lake County, the Program Coordinator for JUST RUN<sup>®</sup> Lake County, and the Chair for the Employee Health and Safety Committee, and the Health District had a successful year in terms of encouraging health, wellness, and prevention among Lake County residents and employees. The Health Educator planned a variety of wellness programs for organizations that had approached the Health District to help incorporate wellness into their worksite for employees, students, etc.

The Health District was awarded the Healthy Ohio Healthy Community Award – Gold in 2013. Each year, the Ohio Department of Health recognizes the outstanding achievements of communities that implement health related policies and provide a healthy community environment with the Healthy Ohio Healthy Community Awards. In 2013, fourteen cities, two townships, one village, and four counties were honored for their roles in promoting good health for their residents. The purpose of the award is to improve the quality of life for all residents of the community. Focusing on nutrition, physical activity, and tobacco cessation efforts, the award recognizes communities' efforts to encourage employees and residents to make healthy choices.

The Health Educator applied for the County Health Rankings & Roadmaps *Roadmaps to Health* Community Coaching Program and the Health District was named a *Roadmaps to Health* Community in December 2013. This is a nine month program that involves monthly conference calls with a community coach from County Health Rankings & Roadmaps and an optional community site visit. This coaching program is designed for community teams who have completed some type of community assessment, set priorities, and are now ready to take action. Examples of the type of work the coach and team could accomplish include:

- Strengthening an existing partnership to take action.
- Selecting and implementing a policy or program to address a specific health focus area.
- Creating an evaluation plan for your work.

JUST RUN<sup>®</sup> Lake County had a record breaking year with 765 students enrolled in the program. With funds/donations received from United Way of Lake County, Willoughby Elks Club, and HUMAN Vending, the Health District was able to host its inaugural JUST RUN<sup>®</sup> Lake County 5K. The day of the race was filled with positive energy as a 7 year old with a prosthetic leg and a 9 year old in remission from Leukemia crossed the finish line, along with hundreds of other dedicated, young runners.

The Lake County General Health District Employee Health and Safety Committee accomplished a number of big items in the past year.

- Sidewalks were painted.
- Two-part self-defense class offered to staff.
- Family and Friends First Aid offered to staff.
- County car cleaning process determined and in effect.
- Building Evacuation and Emergency Plan updated.

- Numbering the windows in the event an emergency were to happen.
- Revised Evacuation Routes with appropriate markings to include the AED, fire alarm pulls, fire extinguishers, and alarm pads.
- Employee of the Quarter policy determined and signage posted for EOQ parking spot.

ACHIEVE Wellness Lake County was featured in the August edition of the National Association of Chronic Disease Directors' (NACDD) Impact Brief for their successful work in the school sector. Highlights included the implementation of school gardens, healthy cooking labs and food tasting programs, and the implementation of short bursts of physical activity throughout the school day.

### **3.05.02.05**

#### **Registered Dietician**

The Health Educator/Registered Dietician worked with The News-Herald to implement the 2013 Lighten Up weight-loss contest. The participants lost a total of 714.6 pounds. Requirements for this program included monthly meetings with the Health Works' Registered Dietitian, Vitabot usage, monthly weigh-ins, and an optional complimentary meal off the Lighten Up menu at Cabana's Restaurant.

In 2013, Health Works has made some strides in expanding its services by adding Medicaid billing, by marketing throughout the county, and through a partnership with Crossroads. These efforts were done to try to increase the number of referrals and caseload for Health Works. With help from the Clerical Supervisor in Community Health Services, a Medicaid billing and reimbursement form was created for those who receive Medical Nutrition Therapy through Health Works. Additionally, marketing included flyers, promotional deals, and a press release, distributed throughout the county.

As for the partnership with Crossroads, the Wellness Clinic at Crossroads was created in July 2013. For four hours per week, the Registered Dietitian provided nutrition services, similar to Health Works. The main goal was to identify Crossroads clientele who may benefit from nutrition education and counseling, particularly those who are at risk or are overweight or obese and taking psychotropic medications. A second goal is make it more convenient for clients to have a "one stop shop" for their appointments. While it took some time to build up a caseload, there are a steady number of referrals. The Dietitian also provides nutrition services at the Crossroads Early Childhood Services upon request. She did a staff training for Early Head Start (EHS) on infant feeding, as well as discussed portion sizes and tips on feeding a toddler with the EHS parents.

This year, the Dietitian was part of the childhood obesity prevention part of the Child and Family Health Services (CFHS) grant. She took over the daycare centers, who were implementing *Let's Move!* Child Care. There were five active participants. For CFHS FY14, Healthy Children, Healthy Weights (HCHW) was chosen as the program for daycares. HCHW is a Step Up To Quality (SUTQ) approved training and program developed by Columbus Public Health. The Dietitian worked closely with the Lake County trainer from Starting Point in order to implement the HCHW curriculum. However, due to changes at the state level for SUTQ, HCHW could not

be implemented. Instead, the Dietitian chose to use *Let's Move!* Child Care for the remainder of the grant year since daycare centers are familiar with this program and it is low-cost to implement.

In 2013, the Registered Dietitian gained new job responsibilities. She is now the Registered Dietitian for Lake County General Health District's Well Child Clinics, in which weight, height, BMI, hemoglobin and/or lead readings are obtained. Also, families are provided with nutrition education. The Registered Dietician was trained on the electronic health records system, eClinical Works.

In addition, the Registered Dietitian trained to become a Women's Infants and Children (WIC) Health Professional to fill in as needed in the Lake County WIC Clinics. Training included basic maternal nutrition, infant feeding and nutrition, breastfeeding, WIC policies and procedures, WIC's computer system, and specific Lake County WIC program information and procedures.

# JUST RUN Program 2013



Lake County General Health District  
33 Mill Street  
Painesville, OH 44077  
Telephone: (440) 350-2543  
Fax: (440) 350-2548  
[www.lcghd.org](http://www.lcghd.org)