

Health Commissioner Report

R. Joseph Ebel R.S., M.S., M.B.A

2010 began with the continuation of H1N1 vaccination clinics. During the 2009-2010 H1N1 campaign we vaccinated 20,000 people in our clinics.



With the H1N1 response behind us, we began to look at quality improvement projects. These included the development of a new flu reporting system to quickly and accurately collect information on flu cases from local doctors. We brought together our public health partners from the community, including the hospitals, medical providers, health care agencies, mental health providers, and others, to create a Community Health Improvement Committee.

The committee focused on strengthening the whole system rather than separate pieces, thus bringing together diverse interests to collaboratively determine the most effective way to conduct public health activities.

The committee completed a Local Public Health System Assessment and Forces of Change Assessment. These assessments, along with Community Health Assessment and Community Themes and Strengths Assessment, were used to create the Community Health Improvement Plan.

2010 Highlights/Challenges

- New grant received allowing us to launch our Early Head Start Home Visiting Program for low income children from birth until they turn three.
- A Community Health Improvement Committee was formed to develop a comprehensive Community Health Improvement Plan.
- Healthy Homes Coalition was formed to address Radon, Lead, Indoor Air Quality, Safety, Maintenance, and other health hazards found in homes.
- Hosted a Farmers Market at our offices on Thursday evenings throughout the summer.
- Held a scrap tire recycling event where over 6,000 tires were collected.
- Provided education, collected data, and developed guidance on bed bugs.
- Completed the 2009-10 H1N1 Flu Vaccination Campaign.
- Received \$75,000 tobacco use prevention grant from the CDC.
- Added a Bike Ride event and 5K Trail Run to our wellness program.
- Challenge - CFLP Solid Waste District funding for solid waste enforcement was reduced from \$104,489 in 2009 to \$98,500 in 2010 and to \$62,000 for 2011.

Administration

Board of Health

- Rod Ellis
- Mona Myers
- Pat Smith
- Dr. Patrick Scarpitti
- Phil Mitchell
- Gary Wood
- Tom Mullady
- Neisha Grubaugh
- Jim Glover
- Carole Wachtel
- Ray Wagner

Management Team

R. Joseph Ebel R.S., M.S., M.B.A.

Dr. Charles Marty

Barbara Lanthorn

Nancy Hanger R.N.

Robert Sealock R.S.

Mary Beth Hagstad R.N., M.S.N., C.N.S.

Todd Kirkpatrick M.S., R.D., L.D.

Chad Brown R.S., M.P.H.

Health Commissioner

Medical Director

Business Manager/Registrar

Nursing Director

Environmental Health Director

Child and Family Health Services Director

WIC and Health Promotion Director

Community Health Development Director



Tire Amnesty Day



LCHD Farmers Market



Bed Bugs

Public Health Nursing / Child and Family Health Services

Nursing Programs	2009	2010
Immunizations (# of Children)	2,381	2,321
International Travel Vaccine Clients	455	473
Total Immunization Doses Administered	12,672	10,348
H1N1 Flu Vaccine Doses Administered	17,347	2,608
Flu Vaccine Doses (Seasonal)	1,949	2,392
TB Tests	1,728	859
HIV Testing	1,154	1,031
Dental Sealants Applied	1,226	1,280
STD Clinic Clients	633	565
Help Me Grow Home Visits	1,486	999
Early Head Start Home Visits		1,323
At Risk Pregnancy Consultations	2,098	1,700
BCMHS Visits (Children w/Medical Handicaps)	120	171
Head Lice Consultations/Visits	270	175
Home Health Visits	252	70
Breast and Cervical Cancer Program	373	1,110
Lead Poisoning Prevention Home Visits		28

Highlights:

- Launched Early Head Start program providing home visits and parenting training to income eligible households of children under 3 years old.
- Continued HIV testing program even though HIV grant funding was eliminated at the end of 2009.
- Provided a nurse to work 83 days at the Community Health Clinic.

At-Risk Pregnancy Program: Provides education and counseling to pregnant women and new moms. The goal of this program is for the clients to experience a healthy pregnancy and delivery, and equip them to care for their newborn child.

Reproductive Health Clinic: Diagnosis, treatment, and counseling for sexually transmitted diseases. Free HIV testing and counseling.



Help Me Grow is a program for Licking County's expectant parents, newborns, and toddlers. It provides health and developmental services so that children start school ready and able to learn. This program offers guidance to parents on typical growth and development

of babies and toddlers and assists parents in learning positive parenting techniques. It guides parents in coordinating services for the unique developmental needs of their children

Breast and Cervical Cancer

Project: Provides education, screening, re-screening, diagnostics and case



management related to breast and cervical cancer in an eight county central Ohio region.

Women are eligible for the BCCP if they meet the following:

- Live in households with incomes less than 200 percent of the poverty level, and
- Are uninsured, and
- Are 40 years of age or older to receive Pap tests and clinical breast exams, or
- Are 50 years of age or older to receive mammograms.

Dental Sealants: Provides free dental screenings, oral health education, and dental sealants to 2nd and 6th grade students in income qualifying districts. Sealants seal the tops of molars, reducing the risk of cavities. Newark City Schools, Mt. Gilead (Park Avenue Elementary), Mt. Vernon City (Twin Oak Elementary), Par Excellence Academy Elementary, Ridgewood (West Lafayette Elementary), River View School District (Union Elementary & Warsaw Elementary).

Early Head Start Program: This new program began in March 2010. The goal is to work with low income families with children under three years old to provide parenting training and to work with the children to make sure that they are developing properly.

Public Health Preparedness

- Coordinated efficient H1N1 clinic operations, enabling us to vaccinate over 250 people per hour.
- Installed an emergency generator to power the building during an outage.
- Completed an Information Technology disaster recovery plan, and implemented changes.
- Upgraded our computerized mapping (GIS) capabilities. Mapped disease cases, clinic sites, and environmental health hazards.

Epidemiology – Communicable Disease Report

Reportable Condition	Cases
Amebiasis	0
Botulism, infant	0
Brucellosis	0
Campylobacteriosis	35
Chlamydia	377
Coccidioidomycosis	0
Creutzfeldt-Jakob Disease	1
Cryptosporidiosis	9
E. coli	3
Ehrlichiosis - Human Granulocytic (HGE)	0
Ehrlichiosis - Human Monocytic (HME)	0
Encephalitis - post other infection	0
Encephalitis - primary viral	0
Giardiasis	8
Gonorrhea	50
Haemophilus influenzae (invasive disease)	3
Hemolytic uremic syndrome (HUS)	0
Hepatitis A	1
Hepatitis B (including delta) - acute	2
Hepatitis B (including delta) - chronic	26
Hepatitis C - acute	1
Hepatitis C - chronic	90
Hepatitis E	0
Influenza-associated Hospitalization	4
Influenza (Seasonal)	39
LaCrosse virus disease (other California serogroup virus disease)	1
Legionellosis - Legionnaires' Disease	4
Leptospirosis	0
Listeriosis	0
Lyme Disease	7
Malaria	0
Meningitis - aseptic/viral	6
Meningitis - bacterial (Not N. meningitidis)	2
Meningococcal disease - Neisseria meningitidis	0
Mumps	0
Pertussis	127
Q fever	0
Rabies - animal	0
Rocky Mountain spotted fever (RMSF)	1
Salmonellosis	15
Shigellosis	0
St. Louis encephalitis virus disease	0
Streptococcal - Group A -invasive	2
Streptococcal - Group B - in newborn	1
Streptococcal toxic shock syndrome (STSS)	0
Streptococcus pneumoniae - invasive antibiotic resistance unknown	31
Streptococcus Pneumoniae-invasive antibiotic resistant/intermediate	0
Toxic Shock Syndrome	3
Typhus fever	0
Varicella	22
Vibrio parahaemolyticus infection	0
West Nile virus disease (also current infection)	0
Yersiniosis	0

Health Promotion

We're Active Licking County is a wellness program and newsletter that promotes physical activity and proper nutrition. Activities include: Wellness Coalition meetings, Pink Strides Trail Run and Wellness Walk, Change Gears Bike Ride, pedometer distribution, www.lcwalc.org and www.trail2health.org websites, bike to work day, and Kickin' Ash Splash pool party.



Child Safety Seats: In 2010 our technicians did 110 car seat checks, taught 26 car seat classes, and provided low income residents with 118 free car seats.

Parents Who Host Lose the Most: Prevention of underage alcohol use and education of parents about the dangers of allowing underage drinking in their homes. Partnered with Newark P.D. and L.C. Sheriff to conduct compliance checks at businesses that sell alcohol.

Partners in Wellness: 3rd Grade Health and Wellness program. Provides lessons every two



weeks on a variety of topics including nutrition, exercise, handwashing, and bullying prevention to 1,400 students in Granville, Johnstown, Licking Valley, Heath, North Fork, Lakewood, Licking Heights, Northridge, Par Excellence, and Granville Christian Academy.

Safe Communities: Traffic Safety program provides motorcycle safety, drunk and drugged driving prevention, seat belt "Click it or Ticket" campaign, What's Holding You Back, Over the Limit – Under Arrest, State Farm teen driving event, and other initiatives.

Tobacco Prevention: Kickin' Ash Splash tobacco free pool party was attended by over 1,100 people. New grant funds awarded beginning in November 2010.

SASS – Screening and Social Support for Breast Cancer Program:



- Enrolled 34 new women (165 women total in program).
- Provided 85 screening mammograms and 12 diagnostic mammograms.
- Medical reimbursements to 35 women diagnosed with breast cancer.
- Spring into Pink and Summer Update programs attended by over 100 cancer survivors.
- Rally for the Cure: Moundbuilder's Country Club event raised over \$27,000.
- Pink Strides Trail Run/Walk raised \$3,609 and with over 150 participants.

Health Fairs and Events: Health Educators attended 14 health fairs at employers, schools, and other locations. LCHD participated in the Utica Ice Cream Festival Parade, Granville 4th of July parade, Johnstown Firefighters parade, Buckeye Lake Firefighters Association parade, and Newark Jaycees parade. 835 Cable TV commercials aired. 4 billboards posted.



Environmental Health

Program	Permits	Inspections	Consultations
Food Service Operations	587	1708	553
Food Establishments	212	473	293
Mobile	94	310	64
Vending	116	142	13
Temporary Food Event	132	125	30
Manufactured Home Park	35	99	41
Campground	19	36	32
Day Camp	9	12	1
Pools and Spas	68	524	31
Bathing Beaches	3	6	2
Waste Facility	3	230	37
Schools	77	110	28
Tattoo/Body Piercing	7	5	12
New Sewage Installations	73	103	370
Sewage Alterations	38	24	45
Existing Sewage Systems		84	58
Semi-Public Sewage	364	293	8
Private Water Systems	157	124	111
Plumbing Residential	1089	1589	990
Plumbing Commercial	132	405	135
Backflow Prevention	1129		
Water Samples Collected	367		
Radon Test Kits Distributed	481		
Nuisance Complaints	Complaints	Inspect/Consult	
Solid Waste	690	609	
Sewage	54	188	
Food	108	112	
Smoking	65		
Other	30	30	
Total	929		
Rabies / Animal Bites			
Dog	262		
Cat	78		
Raccoon	1		
Other	3		
Mosquito Control	422	traps set	
West Nile Virus	63	positive pools	
Miles of Spraying	1025		

Water Quality Protection

Our new Illicit Discharge Elimination



Program identified numerous storm and collector tiles which

we will monitor to make sure that no water quality problems are created by failing sewage systems, improper plumbing connections, or other pollution sources. We have found some problem areas, and our sanitarians are following up on those discharges to eliminate the source of the pollution.

Mosquito Control

In 2010 we identified 63 pools, or



groups, of mosquitoes infected with West Nile Virus.

This was the second highest number found in the state for the year. Extra trapping, larvacide applications, and spraying were conducted to combat this health risk.

Bed Bugs

Bed bugs have become an increasing problem in Licking County and across the country. Our staff collected data, identified insects, provided education and developed guidance to help homeowners address this challenging problem.

Environmental Health Permits/Complaints by Political Subdivision

Political Subdivision	Sewage Permits	Well Permits	Plumbing Residential	Plumbing Commercial	Nuisance Complaints	Animal Bites	Food*	Permits	Visits All EH Programs
Alexandria	1	1	0	0	0	0	7	45	
Bennington	3	3	2	0	1	1	2	42	
Bowling Green	3	5	5	0	2	2	1	60	
Buckeye Lake	0	2	720	40	22	4	33	1036	
Burlington	2	1	1	0	1	1	5	54	
Croton	0	0	0	0	7	0	3	65	
Eden	3	4	0	0	0	3	5	54	
Etna	2	0	18	5	16	6	36	338	
Fallsbury	4	6	3	0	3	4	3	75	
Franklin	1	4	2	0	0	4	1	44	
Granville Twp.	14	16	14	1	7	18	21	291	
Granville Village	2	0	14	9	8	6	46	317	
Gratiot	0	0	0	0	0	0	0	9	
Hanover Twp.	0	5	3	0	3	7	10	112	
Hanover Village	0	4	5	3	0	1	8	73	
Harrison	2	6	14	2	7	2	8	180	
Hartford	1	3	0	0	0	3	3	82	
Heath	0	0	4	15	42	33	138	735	
Hebron	0	0	2	1	6	3	48	163	
Hopewell	2	6	2	0	1	2	1	40	
Jersey	0	6	2	0	3	1	6	126	
Johnstown	0	0	2	8	3	0	54	258	
Kirkersville	0	0	0	2	4	0	4	86	
Liberty	5	5	6	0	7	4	8	140	
Licking	9	10	11	3	9	10	31	246	
Madison	3	2	4	0	9	5	6	141	
Mary Ann	2	5	1	0	8	5	3	120	
McKean	3	7	1	0	2	2	5	72	
Monroe	7	9	12	0	5	10	8	118	
Newark Twp.	2	2	3	0	2	1	5	85	
Newark City	3	0	88	30	690	155	362	3768	
Newton	4	5	3	0	8	6	6	98	
Pataskala	4	8	72	8	32	35	98	733	
Perry	6	6	2	0	2	0	3	58	
St. Albans	7	8	8	1	0	2	1	105	
St. Louisville	0	0	0	0	3	0	5	27	
Union	14	15	25	1	8	9	40	323	
Utica	0	0	0	1	9	4	50	146	
Washington	3	2	40	2	0	6	9	152	
Totals	112	156	1089	132	930	355	1083	10617	

*Food includes Food Service, Retail Food Establishments, Mobile, Vending, and Temporary.

WIC – Women, Infants, and Children

Licking County’s Women, Infant, and Children’s Supplemental Nutrition Program (WIC)



provides nutrition education

and screening, supplemental foods, and referrals to women (pregnant, postpartum, and breastfeeding), infants, and children less than 5 years old.

Caseload	Monthly Average
Total	3582
LCHD	2622
Buckeye Lake	213
Pataskala	527
Johnstown	213
GRADS	7

- \$2,016,349.50 was spent in 2010 on groceries purchased with Licking County WIC coupons.
- Promotion of on-line nutrition education at www.wichealth.org (anyone can access/utilize)
- Distribution of \$4,875.00 (325 booklets, each containing five - \$3.00 coupons) in our 7th year of the Farmers Market Nutrition Program

Vital Statistics – Birth and Death Records

Births and Deaths occurring in Licking County are recorded by the Registrar, and certified copies of birth and death certificates are available. 2010 Births: 1105; Deaths: 1241.

38 Children, or 3.4%, were born to mothers under 18 years old. 73 (6.6%) mothers were less than 20 years old.

Most popular names for children born in Licking County during 2010:

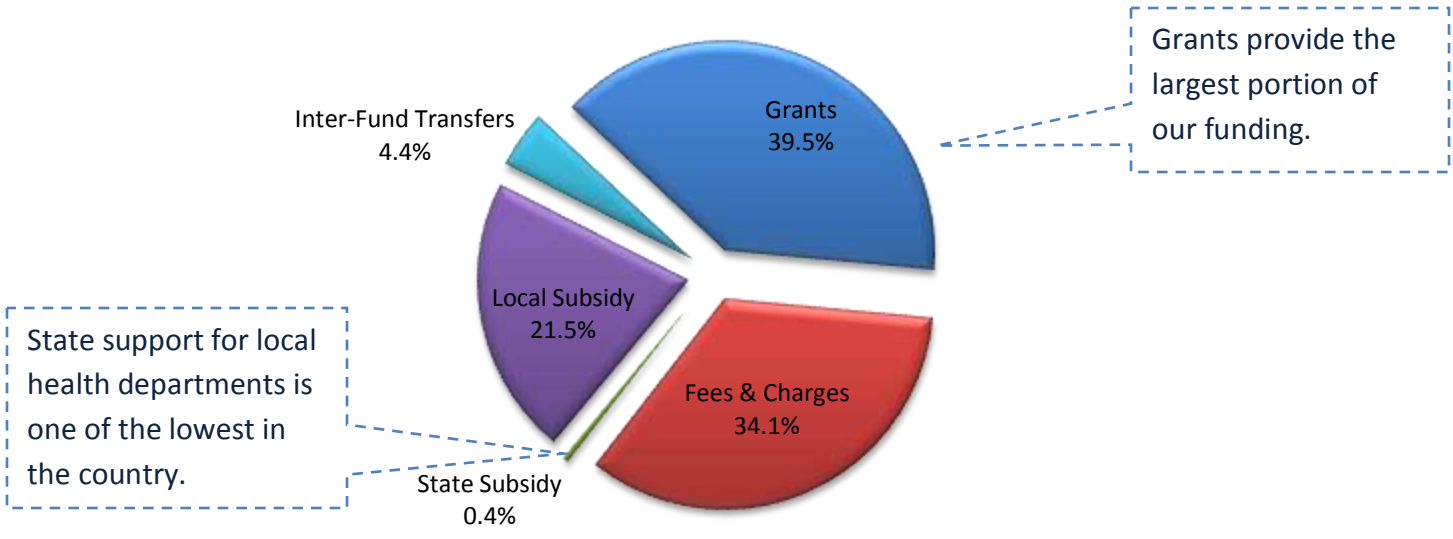


Boys	#	Girls	#
Noah	9	Lillian	9
Brayden	7	Addison	8
Carter	6	Ella	8
Ethan	6	Madison	7
Colton	6	Emma	6
Joshua	6	Grace	6
Liam	6	Olivia	6
Mason	6	Abigail	5
Parker	6		



Financial Report

Funding Sources



Grant Funds	2010
Child & Family Health Services	\$ 42,740
Help Me Grow	\$ 247,475
Injury Prevention	\$ 2,250
Tobacco Prevention/Compliance	\$ 45,676
Radon	\$ 41,250
Safe Communities	\$ 31,871
Immunizations	\$ 74,650
Physical Activity-United Way	\$ 24,000
Emergency Preparedness	\$ 496,719
Breast & Cervical Cancer Project	\$ 178,397
Dental Sealants	\$ 51,850
Women, Infants, & Children	\$ 642,956
Solid Waste District	\$ 95,800
Komen Breast Cancer	\$ 45,000
HIV/DIS	\$ 16,750
City Readiness Initiative	\$ 20,359
Early Head Start	\$ 164,760
OSU - Quality Improvement Project	\$ 5,000
Boeing Foundation	\$ 10,990
Ohio Attorney General - Lead	\$ 16,056
ODNR Tire Recycling	\$ 9,200
Newark Rotary Club	\$ 2,500
Child Car Seats	\$ 200
Grant Funding Total	\$ 2,266,449

Funding Source	2010
Grants	\$ 2,266,449
Fees & Charges	\$ 1,873,090
State Subsidy	\$ 24,500
Local Subsidy	\$ 1,233,717
Inter-Fund Transfers	\$ 338,046
Total	\$ 5,735,802

Fund	Expenses
General	\$ 4,197,476.76
GRF Contingency	\$ -
WIC	\$ 591,315.20
WIC Contingency	\$ -
Solid Waste	\$ 100,533.47
C&DD Disposal	\$ 139,703.77
C&DD Groundwater	\$ 9,314.28
Sewage Disposal	\$ 81,344.41
Home Health SVS	\$ 1,943.00
Total all Funds	\$ 5,121,630.89

Licking County Health Department

Public Health is:

Prevention
Protection
Promotion



Building a Healthier Licking County

We are Public Health. www.lickingcohealth.org

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