The Erie County Health Department (ECHD) continues to provide Environmental, Nursing, Clinical, Community Health, and Construction based services to our communities.

In 2011, we commissioned three community health assessments, as a part of the “continuous community health improvement process.” The ECHD website, www.eriecohealthohio.org, hosts the information. On behalf of the Board of Health, we urge all Erie County residents to view this data and to use it to develop personal goals or agency policies.

The health department continues to train our staff to respond to potential disease in our community. In late 2011, we responded to the Harmful Algal Blooms (HAB) in our Bay and along our coastline including Kelleys Island. It is with the training and community support that our local health department responded in an unparalleled fashion to this emerging threat to our quality of life.

There are numerous success stories from 2011, from expansion of health services, to good governance solutions for individual issues to continual collaborative efforts with our many local, State, and Federal partners.

Thanks to all who continue to support our agency. The ECHD has been fiscally responsible and we continue to track our daily operations with you in mind.

Please feel free to call me directly on my cell phone (419) 656-2796 or stop by and see your health department at your convenience.

Yours in Good Health!

Peter T. Schade, MPH, RS
Health Commissioner
Erie County General Health District

Erie County Health Department

Hours of operation:
Monday - Friday 8:00 am - 5:00 pm
Thursday 8:00 am - 8:00 pm
Alternating Saturdays 8:00 am - 12:00 noon

Phone: 419-626-5623
Web: www.eriecohealthohio.org

Like Us On Facebook

www.facebook.com/eriecohealth
The Erie County Board of Health is a separate body politic. The Board of Health and the Erie County Health Department are an independent agency operating under Ohio Revised Code in Erie County, Ohio. We serve three cities; Huron, Sandusky, and the City of Vermilion, five villages; Bay View, Berlin Heights, Castalia, Kelleys Island, and Milan, and nine townships; Berlin, Florence, Groton, Huron, Margaretta, Milan, Oxford, Perkins, and Vermilion of Erie County. The health jurisdiction crosses into Lorain County, as we serve the entire City of Vermilion, and our WIC program encompasses both Erie and Huron counties, with offices in Sandusky, Vermilion, Norwalk, and Willard.

The Erie County Board of Health and the Erie County Health Department operate out of our facility at 420 Superior Street, our operation hours are 8am – 5:00pm Monday – Friday, 8am – 12 noon on alternating Saturdays and till 8:00pm on Thursdays for clinic care.

Our phone number is 419-626-5623, website address is www.eriecohealthohio.org, and email address is echd@eriecohealthohio.org.

ERIE COUNTY HEALTH DEPARTMENT
BOARD OF HEALTH STRUCTURE

City of Sandusky………………….. Appoints……….. 5 members
City of Huron…………………… Appoints……….. 1 member
City of Vermilion………………….. Appoints……….. 1 member
District License Council……….. Appoints……….. 1 member
District Advisory Council……….. Appoints……….. 3 members

Board of Health Members
Linda Miller-Moore, President
Charles G. Adams, MD
Richard Bulan
Marsha D. Cooper, MD
Thelma Darden
Dawn Demuth
Darwitt Garrett
Larry Holkenborg
George L. Mylander
Alice Roehrs
George Steinemann, President Pro-Tem
CONTACT INFORMATION

Hours of Operation
Monday – Friday 8:00 am – 5:00 pm
Thursday 8:00 am – 8:00 pm
Alternating Saturdays 8:00 am – 12:00 noon

419-626-5623 | www.erieocohealthohio.org

Service Numbers
Family Practice and Clinic Services Scheduling 419-626-5623 ext. 174
Public Health Outreach Clinic 419-626-5623 ext. 174
Epidemiology and Surveillance 419-626-5623 ext. 141
Immunizations 419-626-5623 ext. 174
Nurse Line 419-626-5623 ext. 142
Home Health 419-626-5623 ext. 127
WIC 419-626-5623 ext. 137

Erie County Health Department Administrative Staff
Peter T. Schade, MPH, RS  Health Commissioner  ext. 112
Robert England, MSOH, RS  Director of Environmental Health Services  ext. 102
Janet Mesenburg, RN  Director of Public Health Nursing Services  ext. 138
Sharon Schaeffer, MPH, RN  Director of Community Health Services  ext. 185
Joseph Palmucci, CFO  Director of Administrative Services  ext. 116
Scott Thom, RBO  Director of Construction Program Services  ext. 206

www.facebook.com/eriecohealth
This division is charged with the financial planning and all details surrounding the fiscal management of the agency including billing, accounts receivable, accounts payable, purchasing, logistics, facilities management, work force training, vital statistics, payroll, and various departmental programs.

**Vital Statistics**

The Vital Statistics office in the Administrative Division can issue certified copies of most birth certificates for those born in Ohio from 1908 through present. Death certificates can be issued for those who have died in Erie County.

To obtain birth or death certificates, visit our office Monday – Friday, 8:00 am – 5:00 pm (excluding holidays), charge by phone, or send in a request to us. Request for Birth/Death Certificates must include the following information:

**Birth Certificate:**
- Birth Name
- Date of Birth
- Current Address
- Current Phone Number
- Mother’s Maiden Name
- Father’s Name

**Death Certificate:**
- Name of Deceased
- Date of Death
- Current Address
- Current Phone Number

**CHILD FATALITY REVIEW BOARD**

State law mandates that each county form a Child Fatality Review Board (CFRB) for the purpose of reviewing the deaths of children under 18 years of age.

Due to the education efforts of the Erie County Health Department, the number of deaths due to either SIDS or improper sleep environment related deaths have been decreasing. These deaths are reviewed by a Child Fatality Review Board in which all deaths of children under the age of 18 years of age are evaluated to get a better understanding of the causes and incidence of those deaths and to recommend plans for implementing local services to reduce preventable child deaths.

<table>
<thead>
<tr>
<th>2011 Causes of Child Fatality Deaths</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Causes of Death</strong></td>
</tr>
<tr>
<td>Extreme Prematurity</td>
</tr>
<tr>
<td>Pending</td>
</tr>
<tr>
<td>Circulatory</td>
</tr>
<tr>
<td>Accident</td>
</tr>
<tr>
<td>Infectious Disease</td>
</tr>
<tr>
<td><strong>Total</strong></td>
</tr>
</tbody>
</table>
# VITAL STATISTICS

## Erie County Births

<table>
<thead>
<tr>
<th></th>
<th>MALE</th>
<th>FEMALE</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESIDENT</td>
<td>244</td>
<td>265</td>
<td>509</td>
</tr>
<tr>
<td>NON-RESIDENT</td>
<td>113</td>
<td>86</td>
<td>199</td>
</tr>
<tr>
<td>TOTAL</td>
<td>357</td>
<td>351</td>
<td>708</td>
</tr>
</tbody>
</table>

## Erie County Births to Unwed Mothers

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>RESIDENT</td>
<td>131</td>
<td></td>
</tr>
<tr>
<td>NON-RESIDENT</td>
<td>26</td>
<td></td>
</tr>
<tr>
<td>TOTAL</td>
<td>157</td>
<td></td>
</tr>
</tbody>
</table>

## Erie County Deaths

<table>
<thead>
<tr>
<th></th>
<th>MALE</th>
<th>FEMALE</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESIDENTS</td>
<td>411</td>
<td>387</td>
<td>798</td>
</tr>
<tr>
<td>NON-RESIDENT</td>
<td>194</td>
<td>130</td>
<td>324</td>
</tr>
<tr>
<td>TOTAL</td>
<td>605</td>
<td>517</td>
<td>1122</td>
</tr>
</tbody>
</table>

## Causes of Death in Erie County (all ages)

<table>
<thead>
<tr>
<th>Causes of Death</th>
<th>Resident</th>
<th>Non-Resident</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Circulatory</td>
<td>290</td>
<td>89</td>
<td>379</td>
</tr>
<tr>
<td>Neoplasm</td>
<td>174</td>
<td>91</td>
<td>265</td>
</tr>
<tr>
<td>Respiratory</td>
<td>120</td>
<td>36</td>
<td>156</td>
</tr>
<tr>
<td>Mental Disorder</td>
<td>73</td>
<td>36</td>
<td>109</td>
</tr>
<tr>
<td>Digestive</td>
<td>29</td>
<td>27</td>
<td>56</td>
</tr>
<tr>
<td>Genitourinary</td>
<td>35</td>
<td>13</td>
<td>48</td>
</tr>
<tr>
<td>Natural Causes</td>
<td>30</td>
<td>10</td>
<td>40</td>
</tr>
<tr>
<td>Nervous System</td>
<td>14</td>
<td>10</td>
<td>24</td>
</tr>
<tr>
<td>Accident/Injury/Poisoning</td>
<td>15</td>
<td>5</td>
<td>20</td>
</tr>
<tr>
<td>Suicide</td>
<td>8</td>
<td>4</td>
<td>12</td>
</tr>
<tr>
<td>Fetal</td>
<td>6</td>
<td>0</td>
<td>6</td>
</tr>
<tr>
<td>Pending</td>
<td>2</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>Endocrine</td>
<td>0</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td>Musculoskeletal</td>
<td>1</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Infant</td>
<td>1</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Homicide</td>
<td>1</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>SIDS</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>799</strong></td>
<td><strong>323</strong></td>
<td><strong>1122</strong></td>
</tr>
</tbody>
</table>
FEES, LICENSES, PERMITS AND VITAL RECORDS

CONSTRUCTION PROGRAM SERVICES
Registration of Plumbing Contractors
Commercial plumbing permit
Residential plumbing permit
Manufactured home installation permit

ENVIRONMENTAL HEALTH PROGRAMS:
PROGRAMS THAT REQUIRE LICENSES
Manufactured Home Parks
Campgrounds
Temporary campgrounds
Food Service Operations
Food Establishments
Mobile food service operations
Temporary food service operations
Marinas
Swimming Pools & Spas
Water haulers
Tattoo and body piercing establishments
Semi public sewage systems
Solid waste/infectious facilities

PROGRAMS THAT REQUIRE PERMITS
Household sewage treatment systems
Private water systems

OTHER SERVICES PROVIDED
School inspections
Sewage system surveys
Water system surveys
Nuisance complaint inspections
Water samples for private water systems
Beach water monitoring
Vector control

VITAL STATISTICS OFFICE
Birth Certificate
Death Certificate
The Erie County Health Department started our fiscal year January 1, 2011 with the following budget:

<table>
<thead>
<tr>
<th>ACCOUNT NAME</th>
<th>2011 BUDGET</th>
<th>ACCOUNT NAME</th>
<th>2011 BUDGET</th>
</tr>
</thead>
<tbody>
<tr>
<td>SALARIES</td>
<td>2,475,326.00</td>
<td>P.E.R.S</td>
<td>448,566.00</td>
</tr>
<tr>
<td>PART TIME EMPLOYEES</td>
<td>728,715.00</td>
<td>WORKERS COMPENSATION</td>
<td>64,081.00</td>
</tr>
<tr>
<td>MEDICARE REIMB.</td>
<td>46,459.00</td>
<td>POSTAGE</td>
<td>35,000.00</td>
</tr>
<tr>
<td>UNEMPLOYMENT COMP.</td>
<td>1,000.00</td>
<td>DRUG SCREENS</td>
<td>2,000.00</td>
</tr>
<tr>
<td>HEALTH INSURANCE</td>
<td>491,581.00</td>
<td>UNIFORM ALLOWANCE</td>
<td>5,000.00</td>
</tr>
<tr>
<td>OFFICE SUPPLIES</td>
<td>81,925.00</td>
<td>INSURANCE</td>
<td>28,000.00</td>
</tr>
<tr>
<td>MEDICAL SUPPLIES</td>
<td>70,000.00</td>
<td>BONDS</td>
<td>4,000.00</td>
</tr>
<tr>
<td>MEDICATIONS/VACCINES</td>
<td>100,000.00</td>
<td>SUBSCRIPTIONS</td>
<td>1,000.00</td>
</tr>
<tr>
<td>PROGRAM SUPPLIES</td>
<td>70,000.00</td>
<td>DUES</td>
<td>5,000.00</td>
</tr>
<tr>
<td>EQUIPMENT</td>
<td>30,000.00</td>
<td>VITAL STATS FEES</td>
<td>135,000.00</td>
</tr>
<tr>
<td>CONTR SERVICES</td>
<td>530,000.00</td>
<td>TAXES &amp; RELATED FEES</td>
<td>40,000.00</td>
</tr>
<tr>
<td>OCCUPANCY &amp; MAINTENANCE</td>
<td>200,100.00</td>
<td>FSO FEES ODH</td>
<td>23,000.00</td>
</tr>
<tr>
<td>SPEECH THERAPY</td>
<td>10,000.00</td>
<td>MARINA FEES ODH</td>
<td>5,300.00</td>
</tr>
<tr>
<td>PHYSICAL THERAPY</td>
<td>15,000.00</td>
<td>MANUFACTURED HOME PARK FEES ODH</td>
<td>2,500.00</td>
</tr>
<tr>
<td>OCCUPATIONAL THERAPY</td>
<td>11,000.00</td>
<td>REC. CAMP FEES ODH</td>
<td>2,300.00</td>
</tr>
<tr>
<td>COMPUTER SERVICES</td>
<td>5,000.00</td>
<td>WATER WELL FEES ODH</td>
<td>600.00</td>
</tr>
<tr>
<td>LEASES</td>
<td>2,400.00</td>
<td>POOL/SPA FEES ODH</td>
<td>10,200.00</td>
</tr>
<tr>
<td>COPIER AGREEMENTS</td>
<td>30,000.00</td>
<td>HSDS FEES ODH</td>
<td>1,200.00</td>
</tr>
<tr>
<td>211 CONTR SERVICES</td>
<td>28,000.00</td>
<td>LANDFILL FEES TO EPA</td>
<td>62,500.00</td>
</tr>
<tr>
<td>EMPLOYEE MILEAGE</td>
<td>90,000.00</td>
<td>LANDFILL CONST. &amp; DEMO</td>
<td>23,000.00</td>
</tr>
<tr>
<td>REG., LODGING</td>
<td>30,000.00</td>
<td>COMMUNICATIONS</td>
<td>41,000.00</td>
</tr>
<tr>
<td>BOARD MEMBER REIMB.</td>
<td>14,080.00</td>
<td>AUDIT FEES</td>
<td>14,000.00</td>
</tr>
<tr>
<td>ADVERTISING</td>
<td>10,000.00</td>
<td>LAB EXPENSEES</td>
<td>50,000.00</td>
</tr>
<tr>
<td>EMPLOYMENT ADVERTISING</td>
<td>3,500.00</td>
<td>MISCELLANEOUS</td>
<td>23,000.00</td>
</tr>
<tr>
<td>PRINTING/REPO</td>
<td>16,000.00</td>
<td><strong>TOTALS</strong></td>
<td>6,116,333.00</td>
</tr>
</tbody>
</table>
2011 REVENUE AND EXPENSES

<table>
<thead>
<tr>
<th>REVENUE</th>
<th>EXPENSES</th>
</tr>
</thead>
<tbody>
<tr>
<td>Levies (2/10, 3/10, 5/10) 2,299,338.15</td>
<td>Salaries, Benefits 4,047,491.57 68.86%</td>
</tr>
<tr>
<td>State Grants 1,460,554.24</td>
<td>Contractual Services 720,509.50 12.26%</td>
</tr>
<tr>
<td>Contracts 743,968.44</td>
<td>State Fees 231,803.85 3.94%</td>
</tr>
<tr>
<td>Permits, Licenses 479,101.24</td>
<td>Supplies 213,922.03 3.64%</td>
</tr>
<tr>
<td>Medicaid 377,657.09</td>
<td>Maintenance 191,400.00 3.26%</td>
</tr>
<tr>
<td>Program Fees 263,735.28</td>
<td>Lab Fees &amp; Medications 160,538.45 2.73%</td>
</tr>
<tr>
<td>Vital Statistics 191,510.00</td>
<td>Travel &amp; Training 122,548.96 2.08%</td>
</tr>
<tr>
<td>Private Insurance 113,211.51</td>
<td>Communications 99,066.58 1.69%</td>
</tr>
<tr>
<td>Medicare 25,912.66</td>
<td>Other Expense 66,954.26 1.14%</td>
</tr>
<tr>
<td>Other Income 19,365.30</td>
<td>Equipment 23,929.91 0.41%</td>
</tr>
<tr>
<td>State Subsidy 14,472.22</td>
<td></td>
</tr>
<tr>
<td>Training Fees 11,055.00</td>
<td></td>
</tr>
<tr>
<td><strong>5,999,881.13</strong></td>
<td><strong>5,878,165.11</strong></td>
</tr>
</tbody>
</table>

As reported, the Erie County Health Department has increased revenue from grants and cooperative agreements and we are working daily to reduce our reliance on levy funds, as we increase our services.
The grant writing teams have been very active in 2011 reviewing 36 funding opportunities and submitting 31 proposals.

Nineteen proposals were awarded funding, with three outcomes still pending. The grant-funded projects occurring in 2011 (some are extended projects awarded in previous years) included the following:

<table>
<thead>
<tr>
<th>Title</th>
<th>Amount</th>
<th>Grantor</th>
<th>Purpose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Viewpoint Garden</td>
<td>$1,119</td>
<td>SECCF</td>
<td>Build raised garden beds and purchase tool shed for Viewpoint senior garden</td>
</tr>
<tr>
<td>Mantis Garden Tool</td>
<td>$350 value</td>
<td>National Gardening Association</td>
<td>Mantis tiller/cultivator product.</td>
</tr>
<tr>
<td>Accreditation Prep, QI</td>
<td>$10,000</td>
<td>OVAT</td>
<td>Self-assessment, ID priority areas, implement QI process and plan, present final report at fall AOHC conference.</td>
</tr>
<tr>
<td>Beach Monitoring Grant</td>
<td>$30,200</td>
<td>ODH</td>
<td>Assessment of water quality at bathing beaches in the county along with public notification</td>
</tr>
<tr>
<td>Train LHDs for 3rd Party Billing Imm Services</td>
<td>$75,000</td>
<td>ODH</td>
<td>Conduct seven regional trainings and provide follow up services for LHD staff to establish 3rd-party billing services for immunization services</td>
</tr>
<tr>
<td>PHEP</td>
<td>$106,318</td>
<td>ODH</td>
<td>To develop and maintain strong public health emergency preparedness at local level (continuation)</td>
</tr>
<tr>
<td>CFHS</td>
<td>$66,000</td>
<td>ODH</td>
<td>Perform ongoing Community Health Assessment and planning, reduce the percentage of children who are overweight (child care centers and schools). (competitive)</td>
</tr>
<tr>
<td>Reproductive Health &amp; Wellness</td>
<td>$55,000</td>
<td>ODH</td>
<td>Formerly Family Planning and Women’s Health (competitive). Improve reproductive health, establish Reproductive Life Plan, service access for target population</td>
</tr>
<tr>
<td>Scrap Tire Project</td>
<td>$10,000</td>
<td>ODNR</td>
<td>Removal of 4500 tires from privately-owned property</td>
</tr>
<tr>
<td>WIC</td>
<td>$633,821</td>
<td>ODH</td>
<td>Provides supplemental foods, nutrition education and breastfeeding support to women, infants and children</td>
</tr>
<tr>
<td>State Indoor Radon</td>
<td>$10,340</td>
<td>ODH</td>
<td>Public awareness and outreach, radon testing, training. Displays at 2 home shows, license renewal</td>
</tr>
</tbody>
</table>
### 2011 GRANT FUNDS CONTINUED

<table>
<thead>
<tr>
<th>Title</th>
<th>Amount</th>
<th>Grantor</th>
<th>Purpose</th>
</tr>
</thead>
<tbody>
<tr>
<td>CDBG – Wellness (Year 3)</td>
<td>$25,000</td>
<td>City of Sandusky Community Development Block Grant (CDBG)</td>
<td>Wellness activities, including walking programs, senior exercise, children’s fruit &amp; veggie club, add CATCH train-the-trainer activities</td>
</tr>
<tr>
<td>CDBG – 2-1-1 (Year 3)</td>
<td>$10,000</td>
<td>City of Sandusky Community Development Block Grant (CDBG)</td>
<td>Partially supports contract with Greater Toledo United Way for 2-1-1 telephone and referral service for Erie County</td>
</tr>
<tr>
<td>Beach Survey</td>
<td>$82,000</td>
<td>ODH</td>
<td>Using GPS mobile mapping to locate and monitor point source pollution on county beaches and upstream in river watershed areas</td>
</tr>
<tr>
<td>DFC Mentoring (Year 2)</td>
<td>$30,000</td>
<td>SAMHSA</td>
<td>Second year of coalition development with assistance from Sandusky County Prevention Partnership</td>
</tr>
<tr>
<td>Immunization Action Plan</td>
<td>$28,539</td>
<td>ODH</td>
<td>Co-applicant with Sandusky Co. HD</td>
</tr>
<tr>
<td>Radon Mini Grant</td>
<td>$4,441</td>
<td>ODH Conference of Radiation Control Program Directors</td>
<td>For purchase of a Radon Resistant New Construction display model for use with outreach activities for building and housing professionals, and purchase of a continuous radon monitor to test RRNC homes.</td>
</tr>
<tr>
<td>Sandusky Bay Algal Bloom Study</td>
<td>$15,000</td>
<td>Ohio Lake Erie Commission</td>
<td>Partnering with NOAA to study satellite imagery paired with water quality studies to analyze HABs</td>
</tr>
<tr>
<td>Parents Who Host Lose the Most</td>
<td>$1000</td>
<td>Drug Free Action Alliance</td>
<td>Community education campaign targeted at adults to decrease parents hosting parties with underage drinking</td>
</tr>
</tbody>
</table>

Proposals submitted in 2010-11 with results still pending include the following:

<table>
<thead>
<tr>
<th>Title</th>
<th>Amount</th>
<th>Grantor</th>
<th>Purpose</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Access Point (2010)</td>
<td>$650,000 cap</td>
<td>U.S. Health and Human Services, HRSA</td>
<td>To establish an FQHC for comprehensive primary and preventive health services for underserved residents</td>
</tr>
<tr>
<td>Healthy Homes/Lead Prevention Program</td>
<td>$30,000</td>
<td>ODH</td>
<td>To establish a northwest Ohio regional network for HHLPPP through direct services, consultation and technical assistance to 22 counties</td>
</tr>
<tr>
<td>Regional Grant</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Outreach Grant</td>
<td>$786</td>
<td>Grace Episcopal Church</td>
<td>To fund purchase of a larger tool shed at Viewpoint Garden (move smaller to new Harborview site) and establish raised bed garden at Harborview (VSGG)</td>
</tr>
</tbody>
</table>
| 1 | Ensure that the needed infrastructure is maintained in order to provide essential public health services.  
|   | • Continue to provide educational training to our public health workforce.  
|   | • Develop and coordinate a data system to enhance infrastructure priorities.  
|   | • Strengthen our agency through measurable outcomes and workforce competency accreditation.  
|   | • Continue to approach the National Public Health Performance Standards Program (NPHPSP) model for service delivery improvement. |
| 2 | Improve access to comprehensive, high quality health care services.  
|   | • Coordinate a referral system for all patients.  
|   | • Increase proportion of residents using a primary care provider.  
|   | • Reduce delays in Medical, Dental, or Mental Health care.  
|   | • Engage transportation resources for access to care. |
| 3 | Reduce the incidence and prevalence of new and emerging disease cases.  
|   | • Provide targeted prevention and screening techniques.  
|   | • Provide education based on the Community Health Assessment indicators.  
|   | • Continue to work towards a community health improvement plan.  
|   | • Provide medical referrals as appropriate for direct and indirect services.  
|   | • Expand the Wellness Health Incentive Program (WHIP) into the public and private sectors. |
| 4 | Increase community health awareness using appropriate health literacy and messaging.  
|   | • Implement social marketing and outreach strategies.  
|   | • Identify priority groups through health assessment.  
|   | • Develop targeted programs, such as obesity prevention, in order to increase quality of life.  
|   | • Mentor community on behavioral changes that promote healthy lifestyles and prevent disease and disabilities. |
| 5 | Improve environmental conditions related to community infrastructure.  
|   | • Continue to work collaboratively toward eliminating sewage contamination of our watershed.  
|   | • Provide construction programs training and consultations as needed to obtain optimal outcomes.  
|   | • Continue to provide resources to our regulated community to maintain compliance. |

Continuous agency priority: Protect people from disease and injury, monitor health status, assure safe and healthy environment, promote healthy lifestyles, address the need for personal health services, and administer the health district.
In 2011, the Environmental Health Division relied on nine (9) Full-Time Employees (FTE’s) and three (3) Part-Time Employees to accomplish and perform the numerous inspections; food-borne illness investigations, sampling, educational classes, complaint investigations, re-inspections, and all associated reporting mechanisms of the collective programs. The Environmental Health Division relies on good governance and a philosophy of working with our regulated communities to gain and maintain compliance, leading to a healthier, safer experience for all.

### Harmful Algal Blooms

In 2011 the Erie County Health Department monitored numerous locations across the shoreline of Sandusky Bay and Lake Erie for Harmful Algal Blooms (HAB’s). The blooms this year were the worst since the 1970’s. During 2011 this department performed 100 tests of area waters looking for HAB’s and the toxins they can potentially produce. HAB’s were identified on numerous occasions and some of the HAB’s, through our testing, were producing a microcystin toxin at levels capable of causing severe illnesses to local wildlife, pets, and patrons of Lake Erie. In 2012 the Erie County Health Department will be collecting samples throughout the year looking for HAB’s and the toxins they produce with the help of a Lake Erie Protection Fund Grant.

### 2011 Environmental Health Statistics

<table>
<thead>
<tr>
<th>Activities</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Routine Inspections</td>
<td>2575</td>
</tr>
<tr>
<td>Re-inspections</td>
<td>405</td>
</tr>
<tr>
<td>Consultations</td>
<td>4342</td>
</tr>
<tr>
<td>Complaint Inspections</td>
<td>788</td>
</tr>
<tr>
<td>Persons Trained</td>
<td>226</td>
</tr>
<tr>
<td>Lead Inspections</td>
<td>613</td>
</tr>
<tr>
<td>Homes Approved as Lead Safe</td>
<td>100</td>
</tr>
<tr>
<td>Sample/Test</td>
<td>925</td>
</tr>
<tr>
<td>Site Reviews</td>
<td>23</td>
</tr>
<tr>
<td>Plan Reviews</td>
<td>24</td>
</tr>
</tbody>
</table>
The following is a list of Environmental Health programs and services conducted by the Erie County Health Department in 2011. Please note that some programs are required under the Ohio Revised Code State Law, some are funded and some programs are Unfunded Mandates, that is to say, we must perform the program services according to State Law, even though no State monies are received.

Food Protection Program
- Inspects restaurants, grocery stores, convenience food stores and temporary food vendors
- Eliminates issues that would increase the risk of food-borne illness to consumers
- ServSafe advanced food safety training

Pools
- Inspections of public pools and spas that focus on items with the greatest risk of disease transmission or injury

Manufactured Home Parks and Campground Programs
- Sanitarians focus specifically on items related to the collection and disposal of sewage and solid waste, as well as the safe distribution and conveyance of potable water

Beach Program
- Monitors 23 beach locations four times a week for the presence of E-coli bacteria
- Harmful algal bloom public notice and education

Solid Waste
- Conducts compliance inspections in all composting facilities, large-quantity infectious waste generators, waste transfer stations, and landfills

Private Water Program
- Provides safe water sampling from private water sources

HUD Lead-Based Paint Hazard Control Program
(The Erie County Health Department is providing qualified staff to:)
- Conduct pre- and post-hazard control blood lead level testing of children 6 years old and younger
- Blood lead testing to protect the health of lead-hazard control workers, supervisors and contractors
- Home lead risk assessment and lead clearance inspections
- Construction management and project specification production for lead hazard control
- Community awareness, education, and outreach programs

Private Residential Sewage and Semipublic Sewage Program
- Ensures that all sewage treatment systems that are newly installed, repaired or replaced do not represent a possible contamination hazard for our water

School Inspection Program

Tattoo and Body Piercing Program
- Prevents the spread of infectious disease during and after tattoo and body piercing procedures

Rabies Control
- Animal quarantines and rabies shot clinics
In 2011, the Nursing Division performed all activities with a common theme: “Community Disease Prevention.” All programs and services in this division are directed at providing preventive health care coupled with reactive responses to disease outbreaks. The Division of Nursing employs 58 full time and part time employees.

In 2011, the Division of Public Health Nursing performed the following activities:

**2011 Public Health Nursing Services**
- Clinic Services Main Campus:
  - 15,858 Public Health Clinic Visits with total charges of $1,006,507

- Clinic Services Outreach Clinic:
  - 2,098 Public Health Outreach Clinic Visits with total charges of $109,383
  - 286 Lead tests
  - 3,150 2011/2012 Seasonal Influenza administered

**HIV/AIDS:**
- 435 HIV tests given with 3063 individuals attending
- HIV education programs
- 133 Hepatitis C tests given

**Erie County Jail Nursing Services:**
- 2,748 nursing assessments with 5,203 nurse sick visits

**Juvenile Justice Center Nursing Services:**
- 997 nursing assessments with 3,699 nurse sick visits

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**Home Health Program Report 2011**

<table>
<thead>
<tr>
<th>CASE LOAD SUMMARY</th>
</tr>
</thead>
<tbody>
<tr>
<td>VISITS</td>
</tr>
<tr>
<td>Skilled Nursing</td>
</tr>
<tr>
<td>Physical Therapy</td>
</tr>
<tr>
<td>Occupational Therapy</td>
</tr>
<tr>
<td>Speech Therapy</td>
</tr>
<tr>
<td>Total Visits</td>
</tr>
</tbody>
</table>
Patient Centered Medical Home

Patient centered medical home (PCMH) is an approach to providing comprehensive primary care to adults, youth and children. The PCMH will broaden access to primary care, while enhancing care coordination. Clinicians practicing in the highest level medical home will:

- Take personal responsibility and accountability for the ongoing care of patients;
- Be accessible to their patients on short notice for expanded hours and open scheduling;
- Be able to conduct consultations through email and telephone;
- Utilize the latest health information technology and evidence-based medical approaches, as well as maintain updated electronic personal health records;
- Conduct regular check-ups with patients to identify looming health crises, and initiate treatment/prevention measures before costly, last-minute emergency procedures are required;
- Advise patients on preventative care based on environmental and genetic risk factors they face;
- Help patients make healthy lifestyle decisions; and
- Coordinate care, when needed, making sure procedures are relevant, necessary and performed efficiently.

The Erie County Community Health Center provides patient-centered primary care services to patients with limited financial resources with a focus on meeting the basic health care needs for the community. The health center continues to maintain an open-door policy, providing treatment regardless of an individual's income or insurance coverage.

Our mission statement is to provide affordable quality, comprehensive primary and preventative health care across all life cycles in a patient centered medical home environment.

All clinical services and programs offered at the Erie County Health Department are focused on wellness, disease prevention, health promotion, and chronic disease management. Our health center provides primary care, prenatal care, women’s health care, sexually transmitted infection clinic, pediatrics, school and work physicals, senior health care, men’s health care.
The following is a list of Public Health Nursing Division programs and services conducted by the Erie County Health Department in 2011.

**Clinic Services**
- Women’s Health Services
- Family Planning Services
- Breast and Cervical Cancer Program (BCCP)
- Prenatal/Postpartum Care
- Sexually Transmitted Disease (STD) Clinic
- HIV Testing
- Hepatitis C Testing
- Child Lead Testing
- Immunizations
- Work and Sport Physicals
- Seasonal Flu Vaccine
- Travel Vaccine Clinic
- Tuberculosis (TB) Testing
- Fluoride Varnish for Child Dental Care
- Mobile Dental Van Service

**Family Practice**
The Erie County Health Department has expanded our services, and is now offering:
- Immunizations
- Pediatrics
- Women’s Health
- Preventative Care
- Men’s Health
- Senior’s Health
- Sports Physicals
- Work Physicals

**Dental Services** — Call toll-free 1-866-378-6965
Smile Express – The Mobile Dental Van and Make-A-Smile Service

**Sudden Infant Death Syndrome**
This program works with the Sudden Infant Death (SID) Network of Ohio and offers information, counseling, referral and other supportive services

**Institutional Care**
The Nursing Division of the Erie County Health Department provides nursing care to youth at the Erie County Juvenile Justice Center and Northern Ohio Community Correctional Center, as well as the adults at the Erie County Jail. These services include: health assessments and monitoring; administration of prescribed medications and medical treatments; identification of medical needs; and health promotion and education

**Public Health Outreach Clinics (See Map)**
The Erie County Health Department expanded with 12 new clinic sites across the county in order to create easier access to health care services for our residents. *No appointment necessary

**Home Health Agency Services**
The Erie County Health Department is a Medicare and Medicaid certified home health agency. We provide the skilled services of nursing, physical, occupational, and speech therapy, medical social work and home health aide care in the comfort of your home. Requests for home health services may come from physicians, hospitals, rehabilitation centers, nursing facilities, and residents or their families. All services must be ordered and approved by a physician

**BCMH Bureau for Children with Medical Handicaps**
The Ohio Department of Health’s Bureau for Children with Medical Handicaps (BCMH) is a health program that links families of children having special healthcare needs to a network of quality providers in their local community. It also helps families obtain payment for diagnostic and treatment services when medical and financial criteria are met.

**Influenza Clinics**
Immunizations
Traveler’s Health
Any person expecting to travel outside the country can call and speak with the immunization nurse, who will determine the protection needed for visiting any area of the world

**Sexually Transmitted Diseases (STD) Clinic and HIV Education and Testing**
The Erie County Health Department receives grant funding from the Ohio Department of Health and the Centers for Disease Control and Prevention, to provide human immunodeficiency virus (HIV) prevention education for the counties of Erie, Huron,
Ottawa, Sandusky, and Seneca, along with free HIV testing in Erie, Huron, Sandusky and Seneca counties. Testing is offered at the Erie County Health Department’s HIV test sites and, like HIV, testing for this disease has risen steadily over the past three (3) years.

**Hepatitis C Testing**
Testing is offered at the Erie County Health Department’s HIV test sites and, like HIV, testing for this disease has risen steadily over the past three (3) years. Free Hepatitis C testing is offered to persons who meet the guidelines set forth by the Ohio Department of Health.

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**PUBLIC HEALTH OUTREACH CLINICS**

<table>
<thead>
<tr>
<th>Sites</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bay View Village Hall</td>
<td>304 East Bay View Drive, Bay View</td>
</tr>
<tr>
<td>Berlin Township Hall</td>
<td>12101 St. Rt. 61, Berlin Heights</td>
</tr>
<tr>
<td>Florence Township Hall</td>
<td>11011 Chapel Street, Birmingham</td>
</tr>
<tr>
<td>Groton Township Hall</td>
<td>9414 Portland Road, Castalia</td>
</tr>
<tr>
<td>Huron Township Hall</td>
<td>1820 Bogart Road, Huron</td>
</tr>
<tr>
<td>Kelleys Island Library</td>
<td>528 Division Street, Kelleys Island</td>
</tr>
<tr>
<td>Margaretta Township Hall</td>
<td>114 Main Street, Castalia</td>
</tr>
<tr>
<td>Milan Village Hall</td>
<td>11 S. Main Street, Milan</td>
</tr>
<tr>
<td>Oxford Township Hall</td>
<td>11104 Ransom Road, Monroeville</td>
</tr>
<tr>
<td>Perkins Township Hall</td>
<td>5420 Milan Road, Sandusky</td>
</tr>
<tr>
<td>Vermilion On the Lake</td>
<td>Vermilion YMCA, 320 Aldrich Road, Vermilion</td>
</tr>
<tr>
<td>Vermilion Township Hall</td>
<td>1907 St. Rt. 60, Vermilion</td>
</tr>
</tbody>
</table>

**Services Provided At All Sites**
- Infant Immunizations
- Information and Referral Resource
- Adult Immunizations
- Hemoglobin A1C
- Adolescent Immunizations
- Blood Glucose
- Traveler Immunizations (advance notice)
- Blood Lipid Profile
- Blood Pressure Screening
- Child Lead Screening
- Height/Weight/BMI
- Health Referrals
- Healthy Lifestyle and Safety Education
School Nursing Program 2011

The Erie County Health District provides school nursing services throughout the region in a variety of settings. Many students come to school with health needs that may interfere with their ability to learn and reach their full potential.

In the typical school population students have health concerns such as seizure, asthma, diabetes, severe allergies (food and environmental), infections, injuries, and emotional difficulties related to these health conditions that may lead to absences from school and, in some cases, academic failure if left unattended or not addressed properly.

With changes to the educational system such as “No Child Left Behind” and “Individual with Disabilities Education Improvement Act of 2004” the school setting has changed. Students with multiple disabilities, chronic medical conditions, and severe behaviors are now welcomed into the school with typical peers. The school nursing system has changed to provide the most appropriate and best care needed. This means that some students have a nurse providing direct care as one-on-one basis, while other school nurses are caring for general student population.

Another change that went into effect in July 2011 was from the 2009 General Assembly enacted measures that all schools employees who administer prescription medication be certified by a licensed health care provider. The Erie County Health Department partnered with North Point Educational Services at BGSU/Firelands to train 100 plus school employees are administering prescription medications with in the school.

The Erie County Health Department is also helping schools support Coordinated School Health Programs. More than 95% of children ages 5-17 are enrolled in schools. In the school year 2010-2011, the Erie County Health Department school nursing program provided over 16,000 nursing hours to students in Erie and surrounding counties.

The Eight Components of a coordinated school health program.

1. Health Services
2. Counseling, Psychological, and Social Services
3. Health Education
4. Health promotion for staff
5. Healthy school environment
6. Nutrition services
7. Physical Education
8. Family and Community Involvement

The Eight Priority Actions for Improving the Health of young people.

1. Monitor critical health related behaviors among young people and the effectiveness of school policies.
2. Establish and maintain dedicated program management and administrative support.
3. Build effective partnerships among state-level governmental and nongovernmental agencies.
4. Establish policies to help local schools effectively implement coordinated school health programs and CDC’s school health guidelines.
5. Establish a technical assistance and resource plan that will provide local school districts with the help needed to effectively implement CDC school health guidelines.
6. Implement health communication strategies to inform decision makers and the public about role of school health programs in promoting health and academic success.
7. Develop a professional development plan for school officials and others responsible for establishing coordinated school health programs.
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SCHOOL NURSING

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School Nurse Report

Clyde-Green Springs Schools
Registered Nurse: One
Mon-Friday: 10:30-3:15 (4.75 Hours Daily; 23.75 Hours Weekly)
Total Students Enrolled: 2260

Edison
Registered Nurse: One
Mon-Thursday: 8:00-1:00pm (5 Hours Daily; 24 Hours Weekly)
Friday: 9:00-1:00pm
Total Students Enrolled: 1607

EHOVE Career Center
Registered Nurse: One
Mon-Friday: 7:30-3:00pm (7.5 Hours Daily; 37.5 Hours Weekly)
Total Students Enrolled: 780

Huron City Schools
Registered Nurses: Two
Tuesday-Friday: 9:00-2:30 (5.5 Hours Four Days a Week; 22 Hours Weekly)
Mon-Thursday: 9:15-3:45 (6.5 Hours Four Days a Week; 26 Hours Weekly)
Total Students Enrolled: 1488

Huron St. Peter’s
Registered Nurse: One
80 Hours Yearly (1.5 Hours Weekly)
Total Students Enrolled: 155

Kelley’s Island School
Registered Nurse: One
As needed basis
Total Students Enrolled: 3

Margaretta Local Schools
Registered Nurses: Two
Mon-Friday: 7:45-3:00pm (7.25 Hours Daily; 36.25 Hours Weekly)
Total Students Enrolled: 1229

Vermilion Local Schools
Registered Nurses: Two
Licensed Practical Nurse: One
Mon-Friday: 9:15-1:45 High School (4.50 Hours Daily; 22.50 Hours Weekly)
Mon-Friday: 8:30-2:00 Middle (5.5 Hours Daily; 27.50 Hours Weekly)
Mon-Friday: 9:15-2:15 Elementary (5 Hours Daily; 25 Hours Weekly)

North Point Educational Service Center
Registered Nurses: Two
Monday-Friday 10:00-2:00 (each nurse 16 hours weekly; total 32 hours per week)
Total Students Enrolled:
Multiple Handicapped Classrooms
Huron County 57
Sandusky County 13
Ottawa County 40
Erie County 65
Flat Rock Educational Center 20
Emotional Disorders
Townsend 66
Genoa 16

Sandusky City
One on One School Nurses
Licensed Practical Nurse: (6.75 Hours Daily; 33.75 Hours Weekly)

One on One School Nurses
Licensed Practical Nurse: (5.15 Hours Daily; Three Days a Week; 15.45 Hours Weekly)

One on One School Nurses
Licensed Practical Nurse: (6.50 Hours Daily; Four Days a Week; 26 Hours Weekly)

Kaleidoscope Huron City Schools for North Point Educational Serve Center
One on One School Nurse
Licensed Practical Nurse (5 Hours Daily; Four Days Week; 20 Hours Weekly)

Substitute School Nurses
Registered Nurse: Two as needed
Licensed Practical Nurse: One as needed
ERIE COUNTY 2011/2012 ADULT & YOUTH HEALTH ASSESSMENT REPORT

Executive Summary & Primary Data Collection Methods
This executive summary provides an overview of health-related data for Erie County children (0-11 years of age) whose parents participated in a county-wide health assessment survey during 2010. The findings are based on self-administered surveys using a structured questionnaire. The questions were modeled after the national survey instrument used in conducting the National Survey of Children’s Health developed by the Child and Adolescent Health Measurement Initiative. The Healthy Communities Foundation of the Hospital Council of Northwest Ohio collected the data, guided the health assessment process and integrated sources of primary and secondary data into the final report.

Design
This community health assessment was cross-sectional in nature and included a written survey of both adults and adolescents within Erie County. From the beginning, community leaders were actively engaged in the planning process and helped define the content, scope, and sequence of the study. Active engagement of community members throughout the planning process is regarded as an important step in completing a valid needs assessment.

Instrument Development
Two survey instruments were designed and pilot tested for this study: one for adults and one for adolescents. As a first step in the design process, health education researchers from the University of Toledo and staff members from the Hospital Council of NW Ohio met to discuss potential sources of valid and reliable survey items that would be appropriate for assessing the health status and health needs of adults and adolescents. The investigators decided to derive the majority of the adult survey items from the Behavioral Risk Factor Surveillance System Survey. The majority of the survey items for the adolescent survey were derived from the Youth Risk Behavior Surveillance System survey. The Project Coordinator from the Hospital Council of NW Ohio conducted a series of meetings with the planning committee from Erie County. During these meetings, banks of potential survey questions from the BRFSS and YRBSS surveys were reviewed and discussed. Based on input from the Erie County planning committee, the Project Coordinator composed a draft of a survey containing 115 items. This draft was reviewed and approved by health education researchers at the University of Toledo.

Sampling
Investigators conducted a power analysis to determine what sample size was needed to ensure a 95% confidence level with a corresponding confidence interval of 5% (i.e., we can be 95% sure that the “true” population responses are within a 5% margin of error of the survey findings.) A sample size of at least 382 responding adults, and 374 responding adolescents was needed to ensure this level of confidence. The random sample of mailing addresses of adults from Erie County was obtained from American Clearinghouse in Louisville, KY.

Procedure

Adult Survey
Prior to mailing the survey to adults, an advance letter was mailed to 1600 adults in Erie County. This advance letter was personalized, printed on Erie County Health Department stationery and was signed by Peter Schade, Health Commissioner, Erie County Health Department. The letter introduced the county health assessment project and informed the readers that they may be randomly selected to receive the survey. The letter also explained that the respondents’ confidentiality would be protected and encouraged the readers to complete and return the survey promptly if they were selected. Two weeks following the advance letter, a three-wave mailing procedure was implemented to maximize the survey return rate. The initial mailing included a personalized hand signed cover letter (on Erie County Health Department stationery) describing the purpose of the study; a questionnaire printed on colored paper; a self-addressed stamped return envelope; and a $2 incentive. Approximately two weeks after the first mailing, a second wave mailing included another personalized cover letter encouraging them to reply, another copy of the questionnaire on colored paper, and another reply envelope. A third wave postcard was sent two weeks after the second wave mailing. Surveys returned as undeliverable were not replaced with another potential respondent. The response rate for the mailing was 47% (n=666). This return rate and sample size means that the responses in the health assessment should be representative of the entire county.

Adolescent Survey
The Project Coordinator met with all school district superintendents and obtained approval for the survey. Schools and grades were randomly selected. Each student in that grade had to have an equal chance of being in the class that was selected, such as a general English or health class. Classrooms were chosen by the school principal. Passive permission slips were mailed home
to parents of any student whose class was selected to participate. The response rate was 95% (n=401). The survey contained 72 questions and had a multiple choice response format.

Data Analysis
Individual responses were anonymous and confidential. Only group data are available. All data were analyzed by health education researchers at the University of Toledo using SPSS 17.0. Crosstabs were used to calculate descriptive statistics for the data presented in this report. To be representative of Erie County, the data collected was weighted by age, gender, race, and income using 2000 census data. Multiple weightings were created based on this information to account for different types of analyses.

Limitations
As with all county assessments, it is important to consider the findings in light of all possible limitations. First, the Erie County adult assessment had a very high response rate (47%). However, if any important differences existed between the respondents and the non-respondents regarding the questions asked, this would represent a threat to the external validity of the results (the generalizability of the results to the population of Erie County). In other words, if the others of those who were sent the survey would have answered the questions significantly differently than those who did respond, the results of this assessment would under-represent or over-represent their perceptions and behaviors. If there were little to no differences between respondents and non-respondents, then this would not be a limitation. Also, it is important to note that, although several questions were asked using the same wording as the CDC questionnaires, the adult data collection method differed. CDC adult data were collected using a set of questions from the total question bank and adults were asked the questions over the telephone rather than as a mail survey. The youth CDC survey was administered in schools in a similar fashion as this county health assessment.

**EXECUTIVE SUMMARY**

Health Care Coverage & Access
9% of Erie County adults are uninsured, increasing to 27% of adults whose income is $25,000 or less. 30% of adults could not access the care they needed at some time in the past year due to cost, increasing to 47% of adults whose income is $25,000 or less.

Cardiovascular Health
4% of Erie County adults reported they had a heart attack or myocardial infarction, increasing to 14% of those aged 65 and over, and 9% of those whose income is $25,000 or less. 28% of adults reported they had been diagnosed with high blood pressure. 82% of adults with high blood pressure were taking medicine for it.

Weight Status
66% of Erie County adults are overweight or obese, increasing to 82% of the African American population, increasing to 84% of the 65 and over population. 30% of Erie County youth are overweight or obese.

Diabetes
13% of Erie County adults had been diagnosed with diabetes, increasing to 22% of adults whose income is $25,000 or less, increasing to 30% of the African American population. Erie County adults diagnosed with diabetes also had one or more of the following characteristics or conditions: overweight or obese (94%), high blood cholesterol (69%), and high blood pressure (67%).

Tobacco Use
26% of Erie County adults reported that they are current smokers. 70% of the 65 and over population reported that they are former smokers. 15% of Erie County youth aged 12-18 are current smokers, increasing to 29% of the 17-18 aged population.

Alcohol Consumption
19% of Erie County adults reported that they drank on average 3 or more days per week. 48% of Erie County youth reported they had at least one drink of alcohol in their life, increasing to 88% of youth aged 17-18.

Marijuana and Other Drug Use
11% of Erie County adults reported using marijuana in the past 6 months. 10% of adults reported using other recreational drugs such as cocaine, methamphetamines, heroin, LSD, inhalants or ecstasy. 3% of adults reported misusing prescription medicine in the past 6 months. 25% of Erie County high school students used marijuana in the past 30 days. 19% of youth reported misusing prescription medicine.

Sexual Health
10% of Erie County adults reported having one sexual partner in the past year, increasing to 20% of adults aged 65 and over. 47% of Erie County high school students reported having sexual intercourse, increasing to 71% of youth aged 17-18. 25% of high school students reported having 4 or more sexual partners.
Methods Overview
This report provides an overview of Erie County children with special needs who participated in a survey during 2011. The findings are based on self-administered surveys using a structured questionnaire. The Erie County Board of Developmental Disabilities collected the data. The Erie County Health Department and Hospital Council of Northwest Ohio helped with data collection, guided the health assessment process and integrated sources of primary and secondary data into the report.

Design
Written surveys were sent in the mail to 620 Erie County households of children with special needs as identified through programs of the Board of Developmental Disabilities, Jobs & Family Services, and the Northpoint Educational Service Center. A total of 139 households (22%) participated in the survey. Letters were sent from the agency the special needs child was enrolled in. Each family only received one survey, if they were serviced with programs from multiple agencies. If two or more children in a family had special needs, they were asked to report fill out the survey for the child whose birthday comes next in calendar year.

Instrument Development
National surveys such as the U.S. Department of Health & Human Services’ National Survey of Children with Special Needs, the Child and Adolescent Health Measurement Initiative’s National Survey of Children’s Health, and the CDC’s Behavioral Risk Factor Surveillance System (BRFSS) were used as a baseline for survey questions.

Limitations
The results of this survey cannot be generalized to the entire population of Erie County children with special needs, as a random sampling method was not used. Having a large sample size (n=139) allows for inferences to be made regarding the data outcomes. However, if any important difference existed between the respondents and the non-respondents regarding the questions asked, this would represent a threat to external validity of the results.

EXECUTIVE SUMMARY

Children with Special Needs: Health & Functional Status
Approximately 40% of Erie County parents reported their child had an emotional, developmental, or behavioral problem which needed treatment or counseling. 54% of parents reported their child needed or used medications that were prescribed by a doctor other than vitamins. Parents reported the following weight status of children: obese (22%), overweight (9%), and underweight (11%).

Children with Special Needs: Insurance, Access, & Utilization
10% of Erie County parents reported there was a time in the past year that their child was not covered by any health insurance. 59% of parents reported they needed to go outside of Erie County to get health care services for their child. Parents reported their child had the following types of health insurance: private insurance (31%), Medicaid (26%), multiple types of insurance including private (15%), BCMH (4%), Medicare (2%), single service plan (2%), and others (5%).

Children with Special Needs: Family Functioning
26% of Erie County parents reported they or a family member had to stop working because of their child’s health condition(s). An additional 23% have cut down on the hours they work because of their child’s health. 55% of parents rated their mental and emotional health as good or excellent.

Children with Special Needs: Care Coordination
17% of Erie County parents reported they could use extra help arranging and coordinating their child’s care. 35% of parents reported their health care providers have talked to them or their child about health care needs as their child becomes an adult. 22% of parents reported they had difficulty trying to use services for their child’s care.
Methods Overview
This report provides an overview of disaster preparedness-related data for Erie County residents who participated in a county-wide survey during 2011. The findings are based on self-administered surveys using a structured questionnaire. The Erie County Health Department and Hospital Council of Northwest Ohio collected the data, guided the health assessment process and integrated sources of primary and secondary data into the report.

Design
Erie County residents (n=587) participated in an online disaster preparedness survey using Survey Monkey and also a written paper survey. They were directed to take the survey by post cards that went home to Erie County households, the Erie County Health Department website, and marketing at the Wightman-Wieber Safety Celebration Fair.

Instrument Development
National surveys such as the CDC’s Behavioral Risk Factor Surveillance System (BRFSS) and AT&T Disaster Preparedness Survey along with local surveys such as the Maui Resident Survey on Disaster Preparedness and the Public Policy Institute of California Statewide Survey were used as a baseline for survey questions. The committee created additional questions to meet local data needs.

Limitations
The results of this survey cannot be generalized to the entire population of Erie County, as a random sampling method was not used. Having a large sample size (n=587) allows for inferences to be made regarding the data outcomes. However, if any important difference existed between the respondents and the non-respondents regarding the questions asked, this would represent a threat to external validity of the results.

EXECUTIVE SUMMARY

Disaster Preparedness: Communication
Erie County residents reported the following method of communication with relatives and family in a large-scale disaster or emergency: cell phone (90%), regular home phone (31%), email (30%), and two-way radio (5%). Residents reported the following ways of getting information from authorities in a large-scale disaster or emergency: radio (64%), television (64%), internet (38%), neighbors (26%), and print media (14%).

Disaster Preparedness: Knowledge & Utilization
Erie County residents reported the following disaster preparedness supplies in their household: 3 day supply of water (37%), working battery radio and batteries (60%), 3 day supply of food (71%), 3 day supply of prescription medicine (78%), working flashlight and batteries (88%), and cell phone (93%).

Disaster Preparedness: Hazards
Erie County residents reported the following natural hazards in which they thought may affect or damage their home or property: high winds/tornado (89%), ice storm (71%), blizzard (70%), fire (44%), flooding (35%), highway/road flooding (16%), drought (11%), earthquake (10%), radiation (9%), and radon (5%).

Disaster Preparedness: Business Preparedness
Erie County residents reported the following preparedness drills and trainings at Erie County businesses: fire drill (49%), tornado drill (43%), CPR training (42%), fire extinguisher training (37%), and hazard analysis (22%). Erie County residents reported the following communication methods at Erie County businesses: email (55%), phone (53%), staff meetings (48%), bulletin board (28%), no normal method (24%), company website (20%), and newsletter (15%).
COMMUNITY HEALTH SERVICES PROGRAMS

The following is a list of Community Health programs and services conducted by the Erie County Health Department in 2011

Health Education Outreach Programs/Health Fairs

Community Health Assessment & Health Statistics

Smokefree Workplace Program

Minority Health Coalition of Erie County

WIC Women, Infants, and Children
- Breastfeeding support, Nutrition Education, and Supplemental food packages.

211
- The 211 system of Erie County is a “three digit” call for non-emergency help. Erie County has contracted with United Way of Greater Toledo to maintain available information on social, human, and other service agencies in our county.

Office of Epidemiology and Surveillance
- The purpose of the Office of Epidemiology and Surveillance is to monitor and respond to changes in the health status of the public.

Emergency Preparedness
The Erie County Health Department has increased its capacity for providing training in emergency preparedness by sending two employees to the US Department of Homeland Security’s Center for Domestic Preparedness (CDP) located in Anniston, Alabama. Members of the Office of Epidemiology and Surveillance and the Environmental Health Division completed an intensive four day course to become certified trainers of FEMA’s Incident Command courses. The incident command system is a federally recognized management and staffing system designed to manage an emergency incident or other large-scale event.

All health department employees complete introductory training in the Incident Command System and the National Incident Management System while management and certain employees in key positions are required to attend advanced training in disaster management. The recent training completed at the CDP will allow the health department staff to teach these advanced topics thereby increasing the capacity for emergency preparedness training not only at the health department but throughout all Northwest Ohio.

OFFICE OF EPIDEMIOLOGY AND SURVEILLANCE

The office of Epidemiology and Surveillance is charged with the roles and responsibilities related to disease surveillance and Emergency Preparedness and Response.

OHIO DISEASE REPORTING SYSTEM

The Ohio Disease Reporting System (ODRS) is a web-based electronic disease reporting system. Hospitals, laboratories, and local health departments enter case information for diseases which are required to be reported by Ohio law.

A total of 659 cases of reportable infectious diseases were recorded in 2011. Of that total, 578 diseases were confirmed—meeting the CDC’s definition as valid case of disease (Reportable Disease Table). As with all other jurisdictions, the sexually transmitted infections chlamydia and gonorrhea are reported in the greatest number. While these cases require little or no investigation, they do require periodic review, data cleaning, and clinical updates such as entering treatment information. Other disease cases
require extensive investigation and follow-up such as certain vaccine-preventable and foodborne disease which necessitate a protracted response to prevent additional cases (Foodborne and Waterborne Disease Table).

**EMERGENCY PREPAREDNESS ACTIVITIES**

The Erie County Health Department is situated in Ohio Homeland Security Region 1, which comprises representatives from 18 Northwest Ohio counties. When the Office of Epidemiology and Surveillance is not investigating cases of disease, it’s strengthening the health department’s response capacity by collaborating with other regional epidemiologists and emergency planners. Recently the health department’s epidemiologist participated with the working group responsible for revising the Northwest Ohio Regional Epidemiological Response Plan.

In addition to collaborating with area professionals, participating in drills, or conducting training events, the Office of Epidemiology and Surveillance has either developed or maintains over a dozen plans designed to prevent and protect its residents from natural or man-made disasters. The following is a list of just some of these plans.

1. **ECHD Community Containment Plan**
   - Provides guidance for personnel to accomplish the mission of during Pandemic Influenza Outbreaks.

2. **ECHD Mass Dispensing / SNS Plan**
   - Provides guidance in performing mass vaccination or medication distribution to the county population.

3. **ECHD Emergency Response Plan**
   - A preplanned guide that provides generic responses to community disaster situations.

4. **ECHD Weapons of Mass Destruction Plan**
   - Annex to the Emergency Response Plan which provides guidance to minimize public health effects and manage the consequences of a Weapons of Mass Destruction attack.

5. **ECHD Interoperable Communication & Health Alert Network Plan**
   - Provides guidance and instruction on redundant communication pathways and equipment.
   - Provides a framework for delivery of urgent public health information.

6. **ECHD Epidemiological Response Plan**
   - Provides guidance for disease surveillance and analysis.
   - Establishes an interdisciplinary outbreak response team for disease investigation and mitigation.

7. **ECHD Continuity of Operations Plan (COOP)**
   - Provides a plan to continue to provide essential services during such time as the main Health Department infrastructure is not operable (Tornado, power outage, etc)

For example, 26 cases of foodborne and/or waterborne diseases were reported during 2011 requiring over 50 hours of follow-up.

<table>
<thead>
<tr>
<th>Foodborne and Waterborne Disease</th>
<th>Cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Campylobacteriosis</td>
<td>7</td>
</tr>
<tr>
<td>Cryptosporidiosis</td>
<td>1</td>
</tr>
<tr>
<td>Giardiasis</td>
<td>2</td>
</tr>
<tr>
<td>Hepatitis A</td>
<td>1</td>
</tr>
<tr>
<td>Listeriosis</td>
<td>2</td>
</tr>
<tr>
<td>Salmonellosis</td>
<td>13</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>26</strong></td>
</tr>
</tbody>
</table>
8. ECHD Computer Disaster Plan
   • Provides guidance on providing computer access during times when normal services are interrupted by catastrophic events

9. ECHD Safety and Health Manual
   • Provides guidance about how to provide a safe and healthy work environment free from any recognized hazard and minimize or eliminate exposure to conditions which may result in injury or illness to employees.

10. ECHD Exposure Control Plan
    • Provides guidance for preventing occupational exposure to bloodborne pathogens (Hepatitis-B, Human Immunodeficiency Virus, etc.)

Plans for which the Erie County Health Department is a participating agency

1. Annex H to the Erie County Emergency Management Plan
   • Provides policies and procedures for mobilizing and managing health and medical services under emergency or disaster conditions, as specified in the county’s Emergency Management Plan.

2. SOP-06 for Davis-Besse Nuclear Power Station Emergency
   • Provides guidance to accomplish designated responsibilities during an emergency at Davis-Besse Nuclear Power Station

3. Northwest Ohio Regional Epidemiological Response Plan
   • Provides a formal process of requesting epidemiological assets from Ohio Homeland Security Region 1.

SURVEILLANCE SYSTEMS

EpiCenter

The Office of Epidemiology and Surveillance routinely monitors electronic surveillance databases such as EpiCenter, the Ohio Disease Reporting System, and the National Retail Data Monitor (NDRM)—just to name a few.

<table>
<thead>
<tr>
<th>EpiCenter Alerts</th>
<th>Cases</th>
</tr>
</thead>
<tbody>
<tr>
<td>Constitutional</td>
<td>1</td>
</tr>
<tr>
<td>Cough</td>
<td>10</td>
</tr>
<tr>
<td>Ear, Nose, &amp; Throat</td>
<td>7</td>
</tr>
<tr>
<td>Fever</td>
<td>7</td>
</tr>
<tr>
<td>Gastrointestinal</td>
<td>2</td>
</tr>
<tr>
<td>Headache</td>
<td>3</td>
</tr>
<tr>
<td>Nausea</td>
<td>10</td>
</tr>
<tr>
<td>Neurological</td>
<td>5</td>
</tr>
<tr>
<td>Rash</td>
<td>9</td>
</tr>
<tr>
<td>Respiratory</td>
<td>8</td>
</tr>
<tr>
<td>Vomiting</td>
<td>8</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td>70</td>
</tr>
</tbody>
</table>

EpiCenter is a statewide syndromic surveillance system that monitors complaints from emergency room visits. In 2011, the Office of Epidemiology and Surveillance received over 75 automated alerts resulting in 40 separate follow-up investigations.
In 2011, the Community Health Division, which includes our WIC program, performed the following activities:

<table>
<thead>
<tr>
<th>PROGRAM</th>
<th>UNDUPPLICATED CLIENT #</th>
<th>TOTAL # OF ENCOUNTERS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Look Who's Walking</td>
<td>140</td>
<td>752</td>
</tr>
<tr>
<td>Nutrition Sessions</td>
<td>125</td>
<td>872</td>
</tr>
<tr>
<td>Boys and Girls Club (CDBG)</td>
<td>59</td>
<td>347</td>
</tr>
<tr>
<td>Senior Exercise (CDBG)</td>
<td>50</td>
<td>941</td>
</tr>
<tr>
<td>LifeSkills</td>
<td>466</td>
<td>5602</td>
</tr>
<tr>
<td># ATTENDED</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Health Fairs/Events/Presentations</td>
<td>62</td>
<td>9,984</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th># OF CALLS FOR ERIE COUNTY</th>
<th># OF AGENCY UPDATES COMPLETED</th>
</tr>
</thead>
<tbody>
<tr>
<td>211 Program Coordination</td>
<td>1661</td>
</tr>
</tbody>
</table>

**WIC Numbers for 2011**

WIC participants reflect the diversity of the people living in our community. The WIC food packages and Vouchers allows people of different ethnicity to obtain foods that reflect those cultural dietary differences.

**Participant caseload:** Number of clients seen monthly.
- Sandusky Clinic: 1449
- Vermilion Clinic: 223
- Erie County Total: 1672
- Willard Clinic: 570 (this clinic closed in May 2011)
- Norwalk Clinic: 2138 (Willard clinic joined in May 2011)
- Huron County Total: 2138

In 2011 Erie-Huron County WIC participants were:
- 11.02% Hispanic
- 9.29% African American
- 7.68% Multi Racial
- 69.35% White

**Peer Numbers:** Number of phone calls made:
- 1,762 phone calls to Pregnant and Breastfeeding mothers
- Prenatal Women seen by peers: 612
- Breastfeeding Women seen by peers: 403
- Home Visits: 18
- Hospital Visits: 5

WIC Baby Showers - quarterly educational program partnering with OSU. Held in both Erie and Huron Co.
- Erie County: 35 Total
  - 30 women
  - 5 men
- Huron County: 50 Total
  - 33 White
  - 2 African American

Happiest Baby on the Block - parenting program partnering with FRMC. Held every month with every 3rd month be here at ECHD. Numbers below are for those held at WIC.
- Erie County Total: 58
- Huron County Total: 74
- Total per project: 132

Breastfeeding/Harvesting of Breastmilk Percentages:
- Erie County: 219 WIC Prenatals initiated breastfeeding or choose to express their Breastmilk to give to their babies.
- Huron County: 233 WIC Prenatals initiated breastfeeding or choose to Pump.
- Total Project: 452 WIC Prenatals initiated breastfeeding or choose to Pump.
The Division of Construction Programs is designed to provide immediate response and solutions to our residential and commercial building industries. This Division offers on-site training, assistance, consultations and inspections for residential plumbing, commercial plumbing and manufactured home installation inspections and the emerging “healthy homes” program which works to eliminate lead poisoning, radon, mercury, mold, moisture and asthma triggers. These services were once provided by the State of Ohio requiring State employees to travel to Erie County coupled with significant lag times in plan approvals and technical decision making. Now, as a local program, we can respond to same day service needs and provide the programs at a much more efficient cost. The staff in this division pride themselves on working with our communities using good governance and sound decision making.

Healthy Homes Program

Raises awareness about the connection between personal health and the home environment.

- Public education and prevention topics include: lead based paint, radon gas, indoor asthma triggers, mold and moisture, and home safety
- Consultations on Healthy Homes topics for families
- Coordination of blood lead testing for children and adults
- Public Health Lead Investigations of lead poisoned children
- Distribution of radon test kits at no cost to homeowner
- Confirmation of concerning radon levels in home with continuous radon monitoring at no cost to homeowner
- Promotion and testing of homes built with radon resistant technology
- Radon testing for real estate transactions
2011 YEAR-END STATISTICAL REPORT
FOR CONSTRUCTION PROGRAMS DIVISION

Plumbing Program
• Total Permits Issued in 2011: 182 – up 50 from 2010
• Commercial Permits Issued in 2011: 34 – down 17 from 2010
• Residential Permits Issued in 2011: 148 – up 67 from 2010

• Total Permit Revenue in 2011: $48,920.00 – down $20,721.50 from 2010
• Total Commercial Revenue in 2011: $26,905.00 – down $22,000.00 from 2010
• Total Residential Revenue in 2011: $22,015.00 – up $1,278.50 from 2010
• Commercial Inspections performed in 2011: 406 – up 29 from 2010
• Residential Inspections performed in 2011: 479 – down 206 from 2010
• Total Combined Inspections performed in 2011: 885 – down 177 from 2010

• Education Revenue in 2011: $950.00 – up $510.00 from 2010
• Contractor Registrations in 2011: 44 Commercial and 27 Residential Only
• Contractor Registration Revenue in 2011: $3,300.00
• Total Plumbing Program Revenue in 2011: $49,870.00 down $23,736.50 from 2010

Manufactured Home Installation Inspection Program
• Erie County issued 10 permits & placed seals on 3 homes with permit revenue totaling $7,929.00
• Huron County issued 4 permits & placed seals on 2 homes with permit revenue totaling $613.36

• Lorain County issued 4 permits & placed seals on 1 homes with permit revenue totaling $513.40
• Total Final Inspection Seals Placed in 2011: 18
• Total Revenue from the permitted homes in 2011: $9,055.

Healthy Homes Program
• 311 – Lead Blood Tests Conducted.
• 11 – Public Health Lead Investigations conducted for ODH.
** 5 Erie Co. ** 4 Huron Co. ** 2 Ottawa Co.
• 488 – Radon Test Kits Distributed.
• 20 – Homes were tested with Continuous Radon Monitor.
• 104 – Prenatal Clients participated in Healthy Homes Project.
• 268 People Attended 11 Healthy Homes Presentations.
• 1,732 People received Healthy Home Information at 6 Health Fairs.
• In 2011 Director of Construction Programs billed 1,410 hours to the HUD Lead Hazard Reduction Grant.

Did You Know…
• Radon gas is the second leading cause of lung cancer next to cigarette smoke.
• Children exposed to lead paint dust are at risk for developmental disabilities.
• Common indoor asthma triggers include dust mites, mold, and cockroaches.
## COMMERCIAL AND RESIDENTIAL PERMIT COMPARISON

### Commercial Plumbing Permits

<table>
<thead>
<tr>
<th>Political Subdivision</th>
<th>Issued Permits</th>
<th>Total Revenue</th>
<th>Percentage of Revenue</th>
</tr>
</thead>
<tbody>
<tr>
<td>10th Berlin Twp.</td>
<td>0</td>
<td>$0.00</td>
<td>0.00%</td>
</tr>
<tr>
<td>9th Florence Twp.</td>
<td>1</td>
<td>$680.00</td>
<td>2.53%</td>
</tr>
<tr>
<td>10th Groton Twp.</td>
<td>0</td>
<td>$0.00</td>
<td>0.00%</td>
</tr>
<tr>
<td>1st Huron Twp.</td>
<td>3</td>
<td>$10,260.00</td>
<td>38.13%</td>
</tr>
<tr>
<td>10th Margaretta Twp.</td>
<td>0</td>
<td>$0.00</td>
<td>0.00%</td>
</tr>
<tr>
<td>11th Milan Twp.</td>
<td>0</td>
<td>$0.00</td>
<td>0.00%</td>
</tr>
<tr>
<td>12th Oxford Twp.</td>
<td>0</td>
<td>$0.00</td>
<td>0.00%</td>
</tr>
<tr>
<td>2nd Perkins Twp.</td>
<td>14</td>
<td>$6,910.00</td>
<td>25.68%</td>
</tr>
<tr>
<td>4th Vermilion Twp.</td>
<td>4</td>
<td>$1,585.00</td>
<td>5.89%</td>
</tr>
<tr>
<td>3rd City of Huron</td>
<td>6</td>
<td>$2,605.00</td>
<td>9.68%</td>
</tr>
<tr>
<td>10th Village of Bay View</td>
<td>0</td>
<td>$0.00</td>
<td>0.00%</td>
</tr>
<tr>
<td>10th Village of Berlin Heights</td>
<td>0</td>
<td>$0.00</td>
<td>0.00%</td>
</tr>
<tr>
<td>5th Village of Castalia</td>
<td>1</td>
<td>$1,580.00</td>
<td>5.87%</td>
</tr>
<tr>
<td>8th Village of Kelleys Island</td>
<td>2</td>
<td>$725.00</td>
<td>2.69%</td>
</tr>
<tr>
<td>6th Village of Milan</td>
<td>2</td>
<td>$1,540.00</td>
<td>5.72%</td>
</tr>
<tr>
<td>7th Outside Erie County</td>
<td>1</td>
<td>$1,020.00</td>
<td>3.79%</td>
</tr>
<tr>
<td><strong>Commercial Totals</strong></td>
<td><strong>34</strong></td>
<td><strong>$26,905.00</strong></td>
<td><strong>100.00%</strong></td>
</tr>
</tbody>
</table>

### Residential Plumbing Permits

<table>
<thead>
<tr>
<th>Political Subdivision</th>
<th>Issued Permits</th>
<th>Total Revenue</th>
<th>Percentage of Revenue</th>
</tr>
</thead>
<tbody>
<tr>
<td>7th Berlin Twp.</td>
<td>4</td>
<td>$1,065.00</td>
<td>4.84%</td>
</tr>
<tr>
<td>10th Florence Twp.</td>
<td>2</td>
<td>$275.00</td>
<td>1.25%</td>
</tr>
<tr>
<td>12th Groton Twp.</td>
<td>1</td>
<td>$260.00</td>
<td>1.18%</td>
</tr>
<tr>
<td>1st Huron Twp.</td>
<td>21</td>
<td>$4,870.00</td>
<td>22.12%</td>
</tr>
<tr>
<td>8th Margaretta Twp.</td>
<td>7</td>
<td>$800.00</td>
<td>3.63%</td>
</tr>
<tr>
<td>6th Milan Twp.</td>
<td>7</td>
<td>$1,235.00</td>
<td>5.61%</td>
</tr>
<tr>
<td>13th Oxford Twp.</td>
<td>2</td>
<td>$425.00</td>
<td>1.93%</td>
</tr>
<tr>
<td>2nd Perkins Twp.</td>
<td>44</td>
<td>$4,495.00</td>
<td>20.42%</td>
</tr>
<tr>
<td>4th Vermilion Twp.</td>
<td>10</td>
<td>$2,035.00</td>
<td>9.24%</td>
</tr>
<tr>
<td>3rd City of Huron</td>
<td>27</td>
<td>$4,100.00</td>
<td>18.62%</td>
</tr>
<tr>
<td>15th Village of Bay View</td>
<td>0</td>
<td>$0.00</td>
<td>0.00%</td>
</tr>
<tr>
<td>11th Village of Berlin Heights</td>
<td>2</td>
<td>$265.00</td>
<td>1.20%</td>
</tr>
<tr>
<td>9th Village of Castalia</td>
<td>8</td>
<td>$625.00</td>
<td>2.84%</td>
</tr>
<tr>
<td>5th Village of Kelleys Island</td>
<td>12</td>
<td>$1,540.00</td>
<td>7.00%</td>
</tr>
<tr>
<td>14th Village of Milan</td>
<td>1</td>
<td>$25.00</td>
<td>0.11%</td>
</tr>
<tr>
<td>15th Outside Erie County</td>
<td>0</td>
<td>$0.00</td>
<td>0.00%</td>
</tr>
<tr>
<td><strong>Residential Totals</strong></td>
<td><strong>148</strong></td>
<td><strong>$22,015.00</strong></td>
<td><strong>100.00%</strong></td>
</tr>
</tbody>
</table>
The Erie County Health Department serving as a public entity, together with a co-applicant board operates the FQHC LAL, Erie County Community Health Center, located at the Erie County Health Department. The service area is Erie County, Ohio. Erie County, a predominantly urban County in Northern Ohio, is located between Toledo (to the west) and Cleveland (to the East). The County Seat, of Erie County, is Sandusky. Erie County, particularly Sandusky, has a dearth of primary and preventive health care providers (particularly those willing/able to serve the low-income). Sandusky, in fact, has a Medically Underserved Population (MUP) Designation (with a score of 60).

There are, according to the US Census 2010, 77,079 individuals residing in Erie County, Ohio. Approximately 49% of residents are male, 51% are female, and 17% are 65 years or older. Almost 87% of Erie County residents are White, 9% are Black, and 2% are Hispanic/Latino. Approximately 88% of residents graduate from High School, 13% have a Bachelors Degree, and 16% are disabled. Roughly 8% of families, in Erie County, live below 100% FPL, 14.5% of individuals live below 100% FPL, and 13.6% of individuals are uninsured.

The ECCHC along with the ECHD, commissioned two Community Health Needs Assessments in 2011. The results of these comprehensive needs assessments and the secondary data associated with each give us the necessary data to develop policies aimed to increased services through our FQHC-LAL. The first Community health assessment surveyed the adult and youth population, the second assessment surveyed the developmentally disabled population in our service area.

While ECHD services are available to all residents of Erie County, particular attention is directed at reaching the 30,000 low-income, uninsured, underinsured, individuals enrolled in Medicaid/Medicare, and vulnerable individuals/families living in Sandusky, Ohio. These 30,000 individuals, of particular significance, comprise the target population of the Federally Qualified Health Center Look-Alike (FQHC-LA), Erie County Community Health Center.

Erie County has experienced tremendous job loss and subsequent unemployment. In July 2008, for example, the unemployment rate in Erie County was 7.5%. In July 2011, conversely, the unemployment rate in Erie County was 8.8%. High unemployment has, and continues to, increase the number of low-income individuals (and, subsequently, individuals without health insurance) living in Erie County and in Sandusky. The ECCHC serves individuals with comprehensive primary care and referral services using a care referral specialist. The ECCHC refers patients to other providers who accept sliding fee scale patients. We depend on the fully funded FQHC’s in Lorain, Ohio and Fremont, Ohio, as well as the neighboring hospital system for care referral. Currently, the Erie County Community Health Center is integrating behavioral health onsite services and 340B prescription services. The ECCHC FQHC LAL clinic is serving approximately 1,300 individuals per month (68 per day).

Together with the co-applicant board, ECHD meets all public entity requirements outlined in PIN 99-09. The Co-Applicant Board of Directors, of particular significance, meets all health center board composition requirements (including having a consumer majority) in governing the ECCHC.

The Erie County Health Department (ECHD), established in 1919, provides the residents of Erie County with (1) Birth/Death Records; (2) Construction Programs (i.e., manufactured home installation and plumbing inspections);
(3) Environmental Health Programs/Services; (4) Health Education and Outreach; (5) Nursing Clinic and Services; (6) Public Health Preparedness Programs/Services; and (7) The Women, Infant, and Children Program (WIC). The FQHC LAL, Erie County Community Health Center, located onsite at the ECHD (in Sandusky), offers the full complement of comprehensive primary and preventive health care services across all lifecycles by 1.6 FTE providers seeing 491 patients per month. The 14 outreach clinics, located throughout Erie County (and operated on a rotating basis), also provide primary and preventive health care services. These outreach clinics are staffed by Registered Nurses (RN) and Licensed Practical Nurses (LPN). Future change in scope applications are being considered for these outreach clinics. In addition to onsite primary and preventive health care services, ECHD offers homecare, school care, jail/detention care, and comprehensive outreach and health education. ECHD, to ensure a coordinated continuum of care, has a vast and diverse partner/referral network. The major health care needs include primary care, which the ECCHC now serves as a patient centered medical home. As our patients enter the system, the electronic patient management program allows our care referral specialists to track and refer patients. Primary care is offered with prenatal care, women's health services, men's health services, STD prevention and control, family planning, family practice, immunizations, travel vaccines, TB testing and screening, wellness-health screenings, disease management, and care referral and case management.

ECHD operates one service delivery location. The ECCHC, FQHC, LAL is the primary service delivery location. This site will be open Monday through Friday from 8:00 a.m. until 5:00 p.m. Extended hours will be offered on Thursday until 8:00 p.m. and every other Saturday from 8:00 a.m. until 12:00 noon. The FQHC-LA designation has significantly supported expanded access for the low income and vulnerable residents of Erie County, Ohio (and, specifically Sandusky).
1 Expand departmental efforts toward improving personal health outcomes.
   • Enhance educational outreach designed to improve community awareness that reduces chronic health risks.
   • Provide outreach education on diseases and conditions that develop with advancing age.
   • Promote quality health and wellness programs for all life cycles including primary care, behavioral health, vision and dental in a patient centered environment.
   • Expand care referral specialist role for the entire “public health system”.

2 Continue to develop the workforce as our primary asset and critical resource.
   • Balance resource prioritization and allocation with needed services.
   • Develop future and strengthen current stable funding sources related to long term services.
   • Redesign the grants management system operations in order to increase competitiveness on a local, State, and National level through agency accreditation.

3 Design and implement a management development program.
   • Begin a time budgeted training system.
   • Assure management training is current and provides users with the necessary tools to succeed.
   • Redesign the organizational chart to better respond to future emerging issues and agency resource prioritization.
   • Develop a physical plant model characteristic design for efficient departmental operations.

4 Control of the obesity epidemic.
   • Create innovative local partnerships.
   • Leadership development and chronic disease management.
   • Continuing the Community Health Assessment process.
   • Use early assessment tools to prevent obesity.
   • Interpretation of data to plan, implement, and evaluate programs.

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**Continuous Agency Priority**

Protect people from disease and injury, monitor health status, assure safe and healthy environment, promote healthy lifestyles, address the need for personal health services, and administer the health district.
## 2012 PROJECTED EXPENSES

<table>
<thead>
<tr>
<th>ACCOUNT NAME</th>
<th>2012 PROJECTED BUDGET</th>
<th>ACCOUNT NAME</th>
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### 2012 PROJECTED REVENUE

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| 433600 Levies                       |                        |
| Levy                                | 2,290,209.00           |
| **Total 433600**                    | **2,290,209.00**       |

| 424300 Permits                      |                        |
| Manu. Home Installations           | 8,000.00               |
| Plumbing Permits - Residential     | 17,000.00              |
| Plumbing Permits - Commercial      | 45,000.00              |
| Septage Haulers Vehicle Permits    | 2,280.00               |
| Install/Repair Permits             | 20,000.00              |
| Alteration Permits                 | 6,000.00               |
| Solid Waste Haulers Permits        | 0.00                   |
| Water Haulers Permits              | 480.00                 |
| Water Well Permits                 | 2,000.00               |
| **Total 424300**                    | **100,760.00**         |

| 424400 Licenses                    |                        |
| FSO Licenses                       | 305,000.00             |
| Marina Licenses                    | 0.00                   |
| Recreational Camp Licenses         | 6,500.00               |
| Pools/Spas Licenses                | 36,000.00              |
| Solid Waste Program Licenses       | 73,400.00              |
| Tattoo Establishment Licenses      | 2,300.00               |
| Manu. Home Park Licenses          | 9,000.00               |
| Vending Licenses                   | 2,600.00               |
| **Total 424400**                    | **434,800.00**         |

| 440000 Contracts                   |                        |
| Detention Center                   | 70,000.00              |
| County Jail                        | 140,000.00             |
| School Contracts                   | 475,000.00             |
| **Total 440000**                    | **685,000.00**         |

| 486100 Other Receipts              |                        |
| Aids Program                       | 51,419.00              |
| **Total Of All Funds**             | **6,330,344.00**       |
Division of Administrative Services

This division is charged with the financial planning and all details surrounding the fiscal management of the agency including billing, accounts receivable, accounts payable, purchasing, logistics, facilities management, work force training, vital statistics, payroll, and various departmental programs.

- **Vital Statistics**
  The Vital Statistics Office in the Administrative Division maintains certificates for all birth and death events that have occurred in Erie County from 1908 through the present.

- **Child Fatality Review Board**
  State law mandates that each county form a Child Fatality Review Board (CFRB) for the purpose of reviewing the deaths of children under 18 years of age.

To obtain your birth or death certificates, visit our office Monday - Friday, 8:00am - 5:00pm (excluding holidays), charge by phone, or send in a request to us. Request for Birth/Death Certificate must include the following information:

- **Birth Certificate:**
  - Birth Name
  - Date of Birth
  - Current Address
  - Current phone number

- **Death Certificate:**
  - Name of deceased
  - Date of Death
  - Current address
  - Current phone number

Division of Public Health Nursing Services

- **Clinic Services**
  - Women’s Health Services
  - Family Planning Services
  - Breast and Cervical Cancer Program (BCCP)
  - Prenatal/Postpartum Care
  - Sexually Transmitted Disease (STD) Clinic
  - HIV Testing
  - Hepatitis C Testing
  - Child Lead Testing
  - Immunizations
  - Work and Sport Physicals
  - Seasonal flu vaccine
  - H1N1 (Swine flu) vaccine
  - Travel Vaccine Clinic
  - Tuberculosis (TB) Testing
  - Fluoride Varnish for Child Dental Care
  - Mobile Dental Van Service

- **Family Practice**
  The Erie County Health Department has expanded our services, and is now offering:
  - Immunizations • Pediatrics • Women’s Health
  - Preventative Care • Men’s Health • Senior’s Health
  - Sports Physicals • Work Physicals

- **Dental Services** - Call toll-free 1-866-378-6965 Smile Express - The Mobile Dental Van and Make-A-Smile Dental Service

- **Sudden Infant Death Syndrome**
  This program works with the Sudden Infant Death (SID) Network of Ohio and offers information, counseling, referral and other supportive services.

- **Influenza Clinics**

- **Immunizations**

- **Traveler’s Health**
  Any person expecting to travel outside the country can call and speak with the immunization nurse, who will determine the protection needed for visiting any area of the world.

- **Institutional Care**
  The Nursing Division of the Erie County Health Department provides nursing care to youth at the Erie County Juvenile Justice Center and Northern Ohio Community Correctional Center, as well as the adults at the Erie County Jail. These services include: health assessments and monitoring; administration of prescribed medications and medical treatments; identification of medical needs; and health promotion and education.

- **Public Health Outreach Clinics**
  The Erie County Health Department expanded with 12 new clinic sites.

**Services provided at all sites**

- Infant Immunizations
- Information and Referral Resource
- Adolescent Immunizations
- Adult Immunizations
- Traveler Immunizations (advance notice)
- Hemoglobin A1C
- Blood Pressure Screening
- Blood Lipid Profile
- Blood Glucose
- Child Lead Screening
- Height/Weight/BMI
- Health Referrals
- Healthy Lifestyle and Safety Education
• **Home Health Agency Services**
The Erie County Health Department is a Medicare and Medicaid certified home health agency. We provide the skilled services of nursing, physical, occupational, and speech therapy, medical social work and home health aide care in the comfort of your home. Requests for home health services may come from physicians, hospitals, rehabilitation centers, nursing facilities, and residents or their families. All services must be ordered and approved by a physician.

• **BCMH Bureau for Children with Medical Handicaps**
The Ohio Department of Health’s Bureau for Children with Medical Handicaps (BCMH) is a health program that links families of children having special health care needs to a network of quality providers in their local community. It also helps families obtain payment for diagnostic and treatment services when medical and financial criteria are met.

• **Sexually Transmitted Diseases (STD Clinic and HIV Education and Testing)**
The Erie County Health Department receives grant funding from the Ohio Department of Health and the Centers for Disease Control and Prevention, to provide human immunodeficiency virus (HIV) prevention education for the counties of Erie, Huron, Ottawa, Sandusky, and Seneca, along with free HIV testing in Erie, Huron, Sandusky and Seneca counties. Testing is offered at the Erie County Health Department’s HIV test sites and, like HIV, testing for this disease has risen steadily over the past three (3) years.

• **Hepatitis C Testing**
Testing is offered at the Erie County Health Department’s HIV test sites and, like HIV, testing for this disease has risen steadily over the past three (3) years. Free Hepatitis C testing is offered to persons who meet the guidelines set forth by the Ohio Department of Health.

• **School Nursing Services**
  - Health Education
  - Safe School Environment
  - Nutrition and Physical Activity
  - Counseling/Mental Health
  - Parent/Community Involvement
  - Staff Wellness
  - Policy Development
  - Appropriate Delegation of Nursing Tasks

Division of Environmental Health Services

• **Food Protection Program**
  - Inspects restaurants, grocery stores, convenience food stores and temporary food vendors
  - Eliminates issues that would increase the risk of food-borne illness to consumers
  - ServSafe advanced food safety training

• **Marinas and Pools**
Inspections of public pools, spas and marinas that focus on items with the greatest risk of disease transmission or injury

• **Manufactured Home Parks & Campground Programs**
Sanitarians focus specifically on items related to the collection and disposal of sewage and solid waste, as well as the safe distribution and conveyance of potable water.

• **Beach Program**
Monitors 23 beach locations four times a week for the presence of E-coli bacteria.

• **Solid Waste**
Conducts compliance inspections in all composting facilities, large-quantity infectious waste generators, waste transfer stations, and landfills.

• **Private Water Program**
Provides safe water sampling from private water sources.

• **HUD Lead-Based Paint Hazard Control Program**
The Erie County Health Department is providing qualified staff to:
  - Conduct pre- and post-hazard control blood lead level testing of children 6 years old and younger
  - Blood lead testing to protect the health of lead-hazard control workers, supervisors and contractors
  - Home lead risk assessment and lead clearance inspections
  - Construction management and project specification production for lead hazard control
  - Community awareness, education, and outreach programs

• **Private Residential Sewage and Semipublic Sewage Program**
Ensures that all sewage treatment systems that are newly installed, repaired or replaced do not represent a possible contamination hazard for our water.

• **School Inspection Program**

• **Tattoo and Body Piercing Program**
Prevents the spread of infectious disease during and after tattoo and body piercing procedures.

• **Rabies Control**
Animal quarantines and rabies shot clinics.

Division of Community Health Services

• **WIC Women, Infants, and Children**
Breastfeeding support, Nutrition Education, and Supplemental food packages.

• **Health Education Outreach Programs/Health fairs**

• **Community Health Assessment & Health Statistics**

• **Smokefree Workplace Program**

• **2-1-1**
The 2-1-1 system of Erie County is a “three digit” call for non-emergency help. Erie County has contracted with United Way of Greater Toledo to maintain available information on social, human, and other service agencies in our county.
• Minority Health Coalition of Erie County

• Office of Epidemiology and Surveillance
The purpose of the Office of Epidemiology and Surveillance is to monitor and respond to changes in the health status of the public.

• Emergency preparedness
The Office of Epidemiology and Surveillance responds to disease outbreaks, and strengthens the health department’s local response by developing and maintaining various emergency plans, collaborating with nearby regional epidemiologists and emergency planners, attending training sessions and conferences, and by providing speakers for public health talks.

The health department formed an Enteric Disease Response Team. Under the direction of the Office of Epidemiology and Surveillance, this interdisciplinary team consisting of public health nurses, environmental health sanitarians, and the department’s epidemiologist is able to respond and resolve any disease outbreak occurring in Erie County.

Division of Construction Program Services

• Comprehensive Plumbing Inspection Program
  - Registration of Plumbing Contractors
  - Commercial and Residential Plumbing Permit Issuance
  - Commercial Plan Review
  - On-site Inspections of Plumbing Installations
  - Public and Private Educational Services Related to Plumbing

• Manufactured Home Installation Inspection Program
  - Issuance of Manufactured Home Installation Permits
  - On-site Inspections of Manufactured Home Installations

• Healthy Homes Program
  - Raises awareness about the connection between personal health and the home environment
  - Education and prevention topics include: lead-based paint, radon gas, indoor asthma triggers, mold and moisture, and home safety
  - Organized Erie County Healthy Homes Summit held January 21, 2009 at Kalahari
  - State of Ohio Healthy Homes conference held June 1-3, 2010 in Erie County
  - Erie County Healthy Homes Coalition meets quarterly to discuss housing and health issues
  - Healthy Homes Newsletter is distributed every other month
  - The Health Department-sanitarian leading this initiative is a credentialed Healthy Homes specialist; a state licensed lead risk assessor and radon tester. She conducts public health lead investigations for cases of elevated blood lead levels in children in Erie, Ottawa, and Huron county
  - Lead poisoning prevention continues to be a priority in Erie County
  - Lead poisoning education provided to physician offices, day care providers, civic groups, and at local health fairs
  - Safe-sleep campaign
  - Partner with Ohio Department of Health Indoor Radon Grant, 583 free radon test kits distributed to the residents of Erie County in 2009
  - Provided consultation to school personnel and radon testing for 438 classrooms in 16 school buildings within the Health District
  - Lead Poisoning Prevention Grant through the Ohio Attorney General’s office was received May 6, 2010. This grant will fund a community health worker to educate client’s seen in the Health Department’s pre-natal clinic about lead poisoning and all Healthy Homes Issues

Did you know that the Environmental Health Division spends approximately 4,500 hours annually conducting inspections, consultations and education in our food safety program?

Did you know that the Environmental Health Division, through our participation in countywide rabies shot clinics, has vaccinated 1850 dogs and cats against rabies exposure and in the process protected?

Did you know that the Environmental Health Division spends more that 1000 hours annually between Memorial and Labor Day conducting our beach and watershed protection program?

Did you know that two thirds of our public pool and spa inspection team are nationally certified as Certified Pool Operators?

Did you know that the food, marina and public pool education programs have trained 530 operators in the principles of food safety, public health and sanitation?