



**EAST LIVERPOOL CITY  
HEALTH DISTRICT**

**ANNUAL REPORT  
2018**

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# EAST LIVERPOOL CITY HEALTH DISTRICT

## Mission Statement

To improve the quality of life by promoting healthy lifestyles, preventing disease, and protecting the people we serve.

## Vision Statement

Safety and Good Health for the People of our Community

## Values

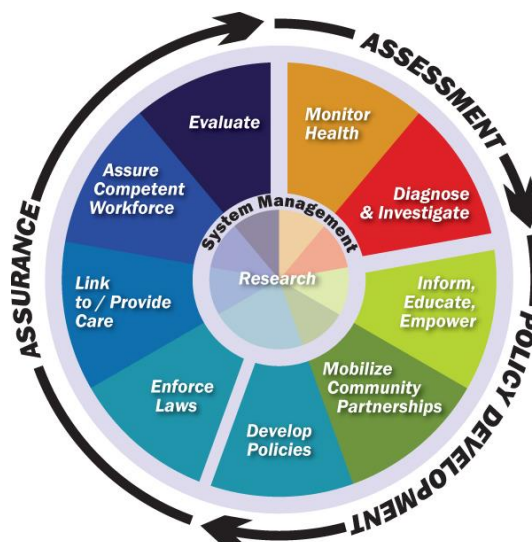
**Quality:** We are dedicated to maintaining a standard of excellence in providing public health services by continuous quality improvement.

**Collaboration:** We are committed to being a supportive and communicative team member to our community partners by fostering positive relationships and optimizing our combined experiences and expertise.

**Integrity:** We hold ourselves to high ethical standards in all our actions and relationships.

**Respect:** We treat everyone with equal value, dignity and compassion.

## 10 Essential Public Health Services



## Health Department Personnel

Carol Cowan, R.S., R.D.H.	Health Commissioner
Stephanie Summers, R.N.	Director of Nursing
Anthony Pasquarella, R.S.	Director of Environmental Health
Kayla Crowl, S.I.T.	Housing Inspector, Sanitarian-in-Training
Charles Payne III, D.O.	Medical Director
Shelia Moman	Registrar
Lois Boyd	Vital Statistics
Mary English	Vital Statistics

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## Members of the Board of Health

Mayor Ryan Stovall, President

Carl Covert, Vice President

Robert Duffy

Sara Bricker

Jeffrey Caldwell, D.M.D.

Amber Ramsey

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In compliance with section 3707.47 of the Ohio Revised Code, this report is presented to the citizens of the City of East Liverpool, East Liverpool City Council, and the Director of the Ohio Department of Health.

Its purpose is to offer a summary of the activities of the East Liverpool City Health District throughout the calendar year of 2018.

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## **A Word from the Health Commissioner,**

During 2018, the East Liverpool City Health District consistently strived to create a healthy and safe community by offering services in our nursing department, environmental health department and by developing programs that promote healthy lifestyles and prevent disease. We work to include and engage individuals from all age groups and diversities. Chronic disease such as heart disease, diabetes, stroke and lung disease are contribute to risk factor relatable to changeable health behaviors; making healthy nutritional choices, increasing physical activity, managing stress, and stopping use of tobacco products. Through awareness, education, and initiatives, we are looking to reduce the risk factors that include obesity, high blood pressure, and tobacco use which lead to chronic disease. We also look to build programs that will contribute to injury prevention such as infant and child car seat safety instructions.

Our vital statistic department serves the community by issuing birth and death certificate amongst other official documents within minutes of request. The nursing department provides immunizations to infants, children, and adults as well as blood pressure screening. The environmental health department oversees the food safety program and addresses environmental health issues such as nuisance complaints, water, and sewage concerns.

We value the community's stakeholders-our schools, healthcare facilities, businesses and citizens-who work with us and contribute their support and resources, both financially and gifts of time, in the collaborative effort cause effective change and produce a positive impact for the will-being for every individual. We also have been fortunate to receive grants that aid us in offering programs for the community.

The focus of accreditation is population-based disease prevention, health protection and health promotion. The health district submitted an application for accreditation to the Public Health Accreditation Board PHAB in June 2018. Required documentation for all 12 Domains of the Standards and Measures need to be uploaded to PHAB within a year. A site visit by an accreditation team will be then scheduled. All health districts in Ohio should be accredited by July 2020. We are looking forward to becoming an accredited Public Health District and we are committed to improve and protect the health and safety of the public.

The East Liverpool City Health District's staff works together to serve our community and is dedicated to providing quality services and access to care which prevent disease, injury and manage risk factors. We look forward to serving each citizen and encourage them to participate in our local programs and services that we offer.

Respectfully,

Carol Cowan

# Vital Statistics

The vital statistic division issue certified birth and death records and burial permits providing legal documentation for these events and maintains these records. Such records date back to 1908. The vital statistics division can now issue certified birth certificates for all births occurring in the State of Ohio. WE process birth and death affidavits, issue medical supplements, process Acknowledgement of Paternity Affidavits for the fathers to establish paternity, and process verification forms from the VA to verify veterans' deaths. The East Liverpool City Health District issued 2453 documents in 2018.

Certified birth certificates has a registrar's raised, embossed, impressed or multicolored seal. The registrar's signature and the date the certificate was filed with the registrar's office. The full names of the applicant's parents must also be included. Vital Statistics staff issues certified copies while customers wait, which is approximately ten minutes.

The cost of a birth or death certificate is \$26.50. We do not accept personal checks. However, payment can be made with money orders, cashier's checks or cash. Also, payments may be paid with a credit/debit card for an additional \$3.00 convenience fee, paid to Municipipay. The birth certificate fees are distributed for the following contributions:

\$1.45 per birth record for Domestic Violence Fund which goes towards homeless shelters for women in the State of Ohio.

\$2.91 per birth record for Ohio Children Trust Fund for Prevention of Child Abuse through ODJFS

\$3.00 per birth/death record for Vital Statistics Base Fee

\$5.00 per record for Vital Statistics Technology Fee

\$1.00 per record for a Local Subsidy Fee which is reimbursed back to the health department each quarter

**\$13.36 total per certificate reimbursed to the State of Ohio**

This report is published each quarter (January, April, July, and October).

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A kiosk is available with a computer equipped with a program for the public to have direct access to birth and death records. The electronic index is designed to supplement Integrated Prenatal health Information System (IPHIS) and electronic death records system (EDRS), birth and death record registration and issuance system. Local health districts using the electronic index will no longer need to retain copies of newly created birth records or update copies of older birth records that have been altered due to affidavit, legal name change, paternity documentation, or court-ordered corrections. Statewide implementation of the Index is the solution to two problems: the need to have an update corrected index available for the public and the tack of organizing paperwork to make updates to locally held copies of birth records.

# Vital Statistics

## Certified Death Certificates Issued – 661

Death Certificates Received –179\*

\*People who have passed away in East Liverpool City limits

Male 97

Female 82

### Deaths by Month

Month	Deaths
January	20
February	13
March	18
April	11
May	10
June	13
July	14
August	21
September	17
October	12
November	15
December	15

### Deaths by Age

Age	<1	1-10	11-20	21-30	31-40	41-50	51-60	61-70	71-80	81-90	91-100	>100
Deaths	1	0	1	4	6	4	21	34	40	47	18	3

Death Affidavits Issued	12	Affidavits of Paternity completed by Registrar	1
Fetal Deaths	0	Free Death Certificate for Veteran's Benefits	10
Medical Supplements Issued	70	Birth Certificate Issued	1,211
Burial Permits Issued	278	Burial Permits Sold	221

# Vital Statistics



## Causes of Death

<b>HEART</b>	<b><u>66</u></b>	<b>SEPSIS</b>	<b><u>21</u></b>
Myocardial Infarction	45		
Cardiac Dysrhythmia	4	<b>DEMENTIA</b>	<b><u>6</u></b>
Arteriosclerotic HD	8		
Congestive Failure	9	<b>DRUG</b>	<b><u>10</u></b>
<b>CANCER</b>	<b><u>24</u></b>	<b>PULMONARY</b>	<b><u>21</u></b>
Lung	15	Pneumonia	10
Pancreatic	1	Chronic Obstructive	7
Breast	3	Respiratory Failure	1
Myeloma	1	Emphysema	2
Esophageal	1	Pulmonary Edema	1
Colon	1		
Abdominal	1	<b>SUICIDE</b>	<b><u>2</u></b>
Unknown	1	Hanging	1
		Gunshot	1
<b>VASCULAR</b>	<b><u>3</u></b>	<b>RENAL FAILURE</b>	<b><u>5</u></b>
<b>PARKINSONS</b>	<b><u>1</u></b>	<b>OTHERS</b>	<b><u>20</u></b>
		<b>Total =</b>	<b>179</b>



# Vital Statistics

## Deaths According to Age = 179

Age	White Male	Non-white Male	White Female	Non-white Female	Total
<1	0	0	1	0	1
1-10	0	0	0	0	0
11-20	1	0	0	0	1
21-30	3	1	0	0	4
31-40	5	1	0	0	6
41-50	4	0	0	0	4
51-60	16	0	5	0	21
61-70	18	2	14	0	34
71-80	23	0	17	0	40
81-90	19	0	27	1	47
91-100	3	0	15	0	18
>100	1	0	2	0	3
<b>TOTAL</b>	<b>93</b>	<b>4</b>	<b>81</b>	<b>1</b>	<b>179</b>

## HEART DISEASE TOTAL = 66

Age	White Male	Non-white Male	White Female	Non-white Female	Total
<1	0	0	0	0	0
1-10	0	0	0	0	0
11-20	0	0	0	0	0
21-30	0	0	0	0	0
31-40	0	0	0	0	0
41-50	2	0	0	0	2
51-60	10	0	0	0	10
61-70	7	1	7	0	15
71-80	9	0	7	0	16
81-90	6	0	9	1	16
91-100	1	0	5	0	6
>100	0	0	1	0	1
<b>TOTAL</b>	<b>35</b>	<b>1</b>	<b>29</b>	<b>1</b>	<b>66</b>

# Vital Statistics

**CANCER TOTAL = 24**

Age	White Male	Non-white Male	White Female	Non-white Female	Total
<1	0	0	0	0	0
1-10	0	0	0	0	0
11-20	0	0	0	0	0
21-30	0	0	0	0	0
31-40	0	0	0	0	0
41-50	0	0	0	0	0
51-60	3	0	2	0	5
61-70	5	0	2	0	7
71-80	5	0	3	0	8
81-90	1	0	3	0	4
91-100	0	0	0	0	0
>100	0	0	0	0	0
<b>TOTAL</b>	<b>14</b>	<b>0</b>	<b>10</b>	<b>0</b>	<b>24</b>

**PULMONARY DISEASE TOTAL= 19**

Age	White Male	Non-white Male	White Female	Non-white Female	Total
<1	0	0	0	0	0
1-10	0	0	0	0	0
11-20	0	0	0	0	0
21-30	0	0	0	0	0
31-40	0	0	0	0	0
41-50	0	0	0	0	0
51-60	1	0	1	0	2
61-70	1	0	3	0	4
71-80	2	0	4	0	6
81-90	2	0	3	0	5
91-100	0	0	2	0	2
>100	1	0	1	0	2
<b>TOTAL</b>	<b>7</b>	<b>0</b>	<b>14</b>	<b>0</b>	<b>21</b>

# Vital Statistics

## SUICIDE TOTAL = 2

Age	White Male	Non-white Male	White Female	Non-white Female	Total
<1	0	0	0	0	0
1-10	0	0	0	0	0
11-20	0	0	0	0	0
21-30	0	0	0	0	0
31-40	0	0	0	0	0
41-50	0	0	0	0	0
51-60	1	0	0	0	1
61-70	0	0	0	0	0
71-80	0	0	0	0	0
81-90	1	0	0	0	1
91-100	0	0	0	0	0
>100	0	0	0	0	0
<b>TOTAL</b>	<b>2</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>

## DRUG OVERDOSE TOTAL = 10

Age	White Male	Non-white Male	White Female	Non-white Female	Total
<1	0	0	0	0	0
1-10	0	0	0	0	0
11-20	1	0	0	0	1
21-30	2	1	0	0	3
31-40	3	1	0	0	4
41-50	1	0	0	0	1
51-60	0	0	1	0	1
61-70	0	0	0	0	0
71-80	0	0	0	0	0
81-90	0	0	0	0	0
91-100	0	0	0	0	0
>100	0	0	0	0	0
<b>TOTAL</b>	<b>7</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>10</b>

# Vital Statistics

## VASCULAR DISEASE TOTAL = 3

Age	White Male	Non-white Male	White Female	Non-white Female	Total
<1	0	0	0	0	0
1-10	0	0	0	0	0
11-20	0	0	0	0	0
21-30	0	0	0	0	0
31-40	0	0	0	0	0
41-50	0	0	0	0	0
51-60	0	0	0	0	0
61-70	0	0	1	0	1
71-80	0	0	0	0	0
81-90	0	0	2	0	2
91-100	0	0	0	0	0
>100	0	0	0	0	0
<b>TOTAL</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>3</b>

## OTHER = 53

Age	White Male	Non-white Male	White Female	Non-white Female	Total
<1	0	0	1	0	1
1-10	0	0	0	0	0
11-20	0	0	0	0	0
21-30	1	0	0	0	1
31-40	1	0	0	0	1
41-50	1	0	0	0	1
51-60	1	0	1	0	2
61-70	5	1	1	0	7
71-80	7	0	3	0	10
81-90	9	0	11	0	20
91-100	2	0	8	0	10
>100	0	0	0	0	0
<b>TOTAL</b>	<b>27</b>	<b>1</b>	<b>25</b>	<b>0</b>	<b>53</b>

# Vital Statistics

Smoking contributed to cause of death on 22 death certificates.

Many deaths certificates are marked “unknown” for smoking as a contributing factor.

8 out of 14 lung cancer deaths were marked as smoking was a known contributing factor. That is 57%.

## Lung cancer deaths city of residence:

### Lung Cancer- Total 14

Wellsville-1


Salineville-1

Lisbon-1

East Liverpool City Limits-8

Calcutta-3

# Nursing Division



Stephanie Summers, RN, manages the nursing division administering child and adult immunizations, holding flu clinics in the community, monitoring communicable diseases and investigating cases. With over 47 reportable infectious diseases, keeping track of disease statistics, monitoring and investigating cases is critical in avoiding possible outbreaks.

Vaccines initiate a person's immune system which produces antibodies against the disease and protects the individual from being susceptible to the potentially deadly disease.

We utilize the Ohio Impact Statewide Immunization System (SIIS) which provides a centralized data base to retain vaccination records available to registered health care providers and school nurses.

We participate in the Ohio Department of Health Vaccine for Children (VFC) Program to raise Ohio's immunization rates. This is a federally funded program that provides vaccines at no cost to the public and private health care providers who enroll and agree to immunize eligible children in the clinic.

We also participate with VaxCare, a private vaccine company that supplies vaccines for people with private insurance or no insurance. Vaccines that we provide is Tdap, Hepatitis A, Hepatitis B, Flu, HPV, Polio, DTaP, Meningitis, Measles, Mumps, Rubella (MMR), Pneumonia, Chickenpox and Shingles.

ELCHD is credentialed to offer services to Medicaid insurance subscribers and their dependents. We accept Medicaid including CareSource, United Healthcare, Buckeye, Molina, and Paramount. We bill for administration of the vaccines.

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## Medical Director

Charles Payne III, D.O. is the medical director appointed by the Board of Health. Dr. Payne graduated from the Lake Erie College of Osteopathic Medicine in 2006 and did his residency at St. John Medical Center in Westlake, Ohio. Board certified in internal medicine and emergency medicine, he practices as an emergency room physician, medical director of the emergency department, and an internal medicine hospitalist at East Liverpool City Hospital.

# Nursing Division

## IMMUNIZATION PROGRAM-VFC

Children Vaccinated = 100      Adults Vaccinated = 10

### Children Vaccines Administered

Vaccines	# of Vaccines Admin. Children
DTaP	9
Gardasil	19
Hep A	23
Hep B	9
HIB	8
Influenza	17
IPV	3
Kinrix	6
MMR	18
Menveo	26
Pediarix	6
Prevnar	8
Rotvirus	5
Tdap	16
Varicella	25
Men B	20
<b>TOTAL</b>	<b>218</b>

### Adult Vaccines Administered

### # of Adults Receiving Flu Vaccine/Age

Vaccines	# of Vaccines		Vaccines	# of Adults
			19-24	1
Influenza	10		25-44	3
MMR	0		45-64	6
Tdap	0		65 +	0
<b>TOTAL</b>	<b>10</b>		<b>TOTAL</b>	<b>10</b>

# Nursing Division

## IMMUNIZATION PROGRAM- VaxCare

Children Vaccinated = 30

Adults Vaccinated = 16

### Children Vaccines Administered

Vaccines	# of Vaccines Admin. Children
DTaP	0
Gardasil	9
Hep A	9
Hep B	0
HIB	0
Influenza	7
IPV	0
Kinrix	0
MMR	1
Menveo	17
Pediarix	0
Prevnar	0
Rotvirus	0
Tdap	5
Varicella	3
<b>TOTAL</b>	<b>51</b>

### Adult Vaccines Administered

### # of Adults receiving Flu Vaccinations Age

Vaccines	# of Vaccines		Vaccines	# of Adults
Influenza	9		19-24	1
MMR	0		25-44	0
Tdap	10		45-64	5
Hep A	2		65 +	3
Hep B	4			
PCV	0			
Varicella	1			
Zostavax	0			
<b>TOTAL</b>	<b>16</b>		<b>TOTAL</b>	<b>9</b>



# Nursing Division

## Communicable Disease Report

Chlamydia	39
Flu Confirmed	13
Gonorrhea	11
Hepatitis C	23
Lyme Disease	1
Mycobacterial Disease (other than tuberculosis)	0
Streptococcus Pneumonia (Invasive Disease ISP)	1
Legionnaires Disease	2
Salmonellosis	0
Hepatitis B	0
Leptospirosis	0
Streptococcal Disease	0
Group A Invasive	0
Listeriosis	0
Meningitis, Aseptic inc. Viral meningoencephalitis	0
Cryptosporidiosis	0
Giardiasis	0
Campylobacteriosis	1
<b>TOTAL</b>	<b>90</b>

## Sexually Transmitted Disease Activity According to Age

Age	Gonorrhea	Chlamydia
<14	0	0
15-19	1	16
20-35	9	22
36-45	1	1
46+	0	0
<b>TOTAL</b>	<b>11</b>	<b>39</b>

# Nursing Division

**We are now offering the following vaccines for children and adults who are insured, self-pay and/or have Medicaid\***

Chickenpox	Child/Adult
DTaP- (diphtheria, tetanus, pertussis)	Child
DTaP & polio	Child
Flu	6 months & Up
Hepatitis A	Child/Adult
Hepatitis B	Child/Adult/Health Care
Hib	Child
Human papilloma virus (HPV) Gardasil 9	Teens
Meningitis-(MCV)	7 <sup>th</sup> & 12 <sup>th</sup> grade
Meningitis-Men B	6-18 yrs old
Measles, Mumps, Rubella-MMR	Child/Adult
Polio	Kindergarten/teens
Pneumonia – Prevnar 13	Child/Adult
Rotavirus	Child (VFC)
Shingles-Shingrix	Adult
Tdap-(tetanus, diphtheria, pertussis)	7 <sup>th</sup> grade/adults

Most insurances are accepted. VaxCare will bill your insurance company. The nursing department will verify insurance coverage and edibility for you.

\*We also accept Medicaid for children and uninsured/under-insured children under the VFC program at NO COST for the vaccine.

Credit cards and cash are accepted for self-pay adults.

Please call the nursing office to check on prices for self-pay.

# Environmental Health Division



## **PUBLIC HEALTH EMERGENCY PREPAREDNESS (PHEP)**

East Liverpool City Health District relies on a regional epidemiologist and Columbiana County Emergency Preparedness Coordinator, Paula Cope, R.S. to assist with managing public health emergencies. This shared position between health departments is structured by the Ohio Department of Health's Preparedness Grant and has proven to be successful and cost effective.

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## **POTASSIUM IODIDE (KI) TABLET**

Potassium iodide tablets are available for pick up to local residents at the East Liverpool City Health District and the Columbiana County Emergency Management Agency. They were also distributed to the East Liverpool City School District.

KI is approved by the FDA as a non-prescription drug for use as a "blocking agent" to prevent the human thyroid gland from absorbing radioactive iodine. KI floods the thyroid gland with nonradioactive iodine and prevents the uptake of radioactive iodine. When administered in the recommended dose, KI is effective in reducing the risk of thyroid cancer in individuals or population at risk for inhalation or ingestion of radioactive iodine.

Public health officials will tell the public when to take KI and the dosage. If a nuclear accident occurs, officials will find out which radioactive substances are present before recommending people take KI.

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## **NUISANCE INVESTIGATION**

The East Liverpool City Health District investigates multiple types of complaints each year including complaints of animals, sewage, toxic hazardous material, garbage, air pollution, vector-borne disease, stagnate water, illegal dumping and unsanitary conditions. The health department determines if there is a valid environmental health concern and a violation of public health laws. An appropriate course of action will be acted upon to abate the nuisance. It is the responsibility of the property owner to correct the conditions causing a public health nuisance.

# Environmental Health Division

## Environmental Mandated Programs

### Food Service Operation/Retail Food Establishment & Public Swimming Pools

#### Inspections-FSO/RFE

178 Total Inspections

#### FSO

Standard Inspections	73
Critical Control Point	30
Pre-Licensing Inspections	10
Consultations	7
Temporary Inspections	6
Mobile Inspections	6
Vending	10

Plan Reviews 7

#### RFE

Standard Inspections	29
Process Reviews	6
Other Inspections:	
Swimming Pools	4
School Building	6

#### Licenses Issued-FSO/RFE

75 Total Licenses

Retail Food Establishment	19
Food Service Operations	<u>56</u>
Restaurants	37
Mobile Food	3
Temporary Food	6
Vending	10

Tattoo Establishments 0

Swimming Pools 2

#### Reported Animal Bites 31

Dog	27
Cat	4
Persons Starting PET*	1

\*(Pet Exposure Treatment)

1 cat, 1 bat, and 1 rat were sent to USDA for rabies testing. All results were negative.

# Environmental Health Division

## RABIES

### Rabies Clinic

The East Liverpool City Health District hosted a Rabies Clinic partnering with the Community Animal Clinic in May and October, vaccinating **166 dogs and 32 cats**. The clinic was held at Westgate Middle School. The vaccine cost \$5.00

### Oral Rabies Vaccination (ORV) Program

The Ohio Department of Health led Oral Rabies Vaccination Program in association with Wildlife Services, a program with the U.S. Department of Agriculture's Animal and Plant Health Inspection Services. The goal is to prevent the spread of raccoon rabies and protect public health and safety including animal health.

This program has been in effect since 1997 targeting raccoon tables in 15 eastern states from Maine to Alabama.

The rabies bait is a sachet containing Raboral V-RG rabies vaccine which are covered with fishmeal crumbs to make it attractive to wildlife. Once the animal eats the sachet, the vaccine is absorbed through their tonsils, giving them immunity against rabies. The vaccine should be effective for more than a year.

Over 800 sachets of bait were distributed in East Liverpool by hand from a vehicle covering 40 miles. Areas targeted were edges of wooded terrain, farm fields, streams, ditches and rivers, hollow trees, railroad tracks, dumpsters, out buildings and protective gardens.

Rabies is a viral disease that affects animals, especially raccoons, skunks and bats and is fatal for the animal. Rabies virus is found in the saliva of infected animals and is spread by a scratch or bite that can ultimately affect humans.

### Follow these rules of protection:

- Avoid all contact with wild animals. Do not attempt to feed wild animals.
- Keep pets healthy by getting them vaccinated yearly against rabies.
- Seek immediate medical attention if bitten and report animal to animal control.

# Financial Statement

## REVENUE

### Local Funds

Local General Revenue	\$94,464.45
Personal Health Services	\$986.53
Reimbursement	\$16,762.64
Vital Statistics	\$54,905.45
Grants-Health Promotion	\$3,956.80

### State Funds

State Subsidy	\$2,100.24
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<b>Federal Funds</b>	<u>\$ 0.00</u>
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<b>TOTAL</b>	<b>\$173,176.11</b>
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## TOTAL MONIES RECEIPTED

Birth & Death Certificates	\$50,949.38
Birth & Death Rebate	\$3,956.07
Burial Permits	\$774.00
Food Services License	\$16,762.64
State Subsidy	\$2,100.24
Swimming Pool License	<u>\$135.00</u>
<b>TOTAL</b>	<b>\$60,414.84</b>

## EXPENDITURES

Labor costs	\$135,744.00
Non-labor costs	<u>\$22,183.00</u>
<b>TOTAL</b>	<b>\$157,927.00</b>

## REMITTANCE FEES TO THE

### STATE OF OHIO

Food Service	\$1,793.00
Vital Records-Birth/Death	\$23,063.00
Division of Real Estate	\$600.00
Swimming Pool	<u>\$135.00</u>
<b>TOTAL</b>	<b>\$26,203.50</b>

# Community Health Programs

## Rabies Clinic



East Liverpool City Health District partnered with the Community Animal Clinic to offer a rabies clinic in May and October 2018 at Westgate Middle School for dogs and cats. Each vaccine cost only \$5.00. 168 dogs and 32 cats were given vaccines.

## Cancer Screening

East Liverpool City Health District and East Liverpool City Hospital partnered to provide a free screening clinic, held at the offices of River Valley Health Physicians on October 13, 2018. Participants were screened for skin cancer, diabetes, high blood pressure, and BMI. They also received a voucher for free blood work at city hospital for 30 days following the screening appointment which included cholesterol, triglycerides, HDL, LDL, comprehensive metabolic profile, complete blood count, thyroid (TSH) and prostate blood screening (PSA) for males. A voucher for a free oral cancer screening provided by the East Liverpool City Health District at Jeffrey Caldwell DDS office were given. The screenings can detect potential serious health issues that would be followed-up with their personal physicians. All appointments were filled and 35 people were seen.

## Camp Earth



East Liverpool City Health District's summer youth program- Camp EARTH-focused on nutrition, physical activity, arts and crafts, science, and safety. It was 5 weeks in the summer, 2 days per week for 3 -5 hours each day. Eight year olds to 13 year olds enrolled for 25 kids.

The sponsors were: Heritage Thermal Services, East Liverpool City Hospital, and OSU Extension.

Camp Counselors were Carol Cowan (ELCHD), Dr. Lydia Rose (Professor KSU), Susan Payton (YSU-adjunct facility). In addition to the Community Resource Center contributing lunches, a few examples of what the campers made for lunch were tacos, wraps, and fruit smoothies for lunch.

The following were on-site activities and field trips the campers participated in:

- ELCPD-Chief John Lane, Chad Tagenhorst, Ivo



Chief Lane talked to the campers about safety, anti-bullying, and duties of a police officer. He demonstrated how police manages a crime scene and how to make an arrest. The kids were given a bullet proof vest equipped with handcuffs to wear and taught how to "takedown" a uncooperative criminal using the "stuffed dummy" used in police training. Tatenhorst brought



Ivo, the police dog and showed the kids how Ivo helps the police track down criminals and items. An obstacle course was set up to simulate the physical activity officers do in the police academy.

- **KSU**



Kent State University East Liverpool campus hosted a field trip for the kids attending East Liverpool City Health District's Camp EARTH. The students participated in various interactive experiences. They visited the occupational therapy department and participated in activities such as assessing grip strength by using a dyno meter, engaged in therapeutic exercises and all movements were related to of daily living so they could begin to see process of an activity analysis. The students were assigned a disability using props to simulate arthritis and low vision. They were required to maneuver a wheelchair 25 feet so they may better understand the struggles individuals face with physical disabilities. Kathy Swoboda, Associate Lecturer, Occupation Therapy Assistant Lab Technician. Dr. Sue Rossi, Assistant Dean and Ms. Tina Smith, Public Relations served as team advisors for the campers. Megan Rodgers, lab assistant, helped in the physiology lab where the students were able to see human models. Janet Peterson, associate professor for the nursing program assisted in the nursing lab. Michael Kennedy, chemist, at Heritage Thermal Services, did interactive chemistry experiments with the campers.

- **Karate**-Kelly and David Havefield demonstrated to the kids basic principles of karate and defense mechanisms in interactive participation.



- **Art**-Lora Russell, local artist did chalk art with the campers.
- **Yoga**-Amy McCormack

- **Sign Language**-Debbie Reynolds-Boggs, a deaf education teacher in Mansfield, Ohio and local resident taught the kids the alphabet in sign language and how to sign their name and some phrases. She also taught them about challenges deaf people face and an introduction how they communicate.
- **Randy's Raisings**-Randy Delposen, owner, took the kids on a wagon ride through the farm and taught them about gardening, bees, vegetable production and benefits. Kids were given some herb plants home.
- **OSU Extension**- Renee Eichler and Corrina Gromley, SNAP-Ed Program Assistants

Each day of camp began with MyPlate nutrition lessons and interactive activities that included campers making their own lunch with healthy food provided such as smoothies and wraps. Expanded Food and Nutrition Education Program (EFNEP) was also taught and the children conducted science experiments. All lessons are evidence-based and include food safety.

- Campers enjoyed swimming days at Thompson Park pool.
- Campers were fitted with new bike helmets made possible from a grant received from Safe Kids and taught bike safety.
- Campers made mosquito repellant lanterns to take home with mosquito bands and information on how to prevent mosquito bites and home protection.
- Anti-tobacco "The Stand" lessons were taught and t-shirts and smoke-free home items were given.

## **Maternal and Child Health Focus Group**

A diverse community partnership group met to discuss health disparities and factors impacting community health status, focusing on pregnant women and young children. Teen pregnancy, prenatal care, smoking during pregnancy, health effects of low-birth weight babies and infant mortality were discussed. The data collected and reported in the Community Health Needs Assessment was shared and discussed with the group.

Smoking during pregnancy was identified as a very serious factor impacting pregnancy outcomes. To promote the QUIT Line and East Liverpool City Hospital's tobacco cessation classes, a billboard was designed and placed in the East End of town.



## **Educapoolza**



ELCHD partnered with East Liverpool City Hospital to offer educational material on immunizations, bike safety, anti-smoking displays and brochures. Over 500 students and their families attended. 40 free bike helmets were distributed by raffle.

## **Grocery Store Tours**



ELCHD partnered with East Liverpool City Hospital (ELCH) and their registered dietician to offer education on decoding food labels, healthy eating, shopping techniques, affordable ways to buy healthy food and tips on lowering blood pressure at local grocery stores. The dietician was also available to walk through the store to give guidance while shopping and help the shopper with reading food labels and making healthy choices. Healthy recipes cards were distributed along with information on chronic disease prevention tips. The medical residents from ELCH took blood pressures and offered education on high blood pressure.



## Community Garden



To promote healthy eating and to provide an opportunity for growing your own produce, 30 raised beds were available in the community garden located in an East End neighborhood. Several local churches, the Girl Scouts, a nursing home, along with neighbors participated in gardening. Healthy nutrition information and gardening tips were available in the garden shed which all gardeners had access to. A new pavilion was erected to provide shade and a picnic table.

# HOUSING

In May 2018, the Board of Health approved having the housing department within the health district with a fulltime housing inspector. The housing department focuses on rental property inspections, ensuring that the property is maintained and is safe, sanitary, and habitable for humans. City Ordinance Part Thirteen, Title 5 details all housing codes.

In addition, Ohio Revised Code 3707.0-1, powers of board-abatement of nuisances, states the board of health of a city or general health district shall abate and remove all nuisances within its jurisdiction. It may, by order, compel the owners, agents, assignees, occupants, or tenants of any lot, property, building, or structure to abate and remove any nuisance therein, and prosecute such persons for neglect or refusal to obey such orders. When a building, erection, excavation, premises, business, pursuit, matter, or thing, or the sewerage, drainage, plumbing, or ventilation thereof is, in the opinion of the board, in a condition dangerous to life or health, and when a building or structure is occupied or rented for living or business purposes and sanitary plumbing and sewerage are feasible and necessary, but neglected or refused, the board may declare it a public nuisance and order it to be removed, abated, suspended, altered, or otherwise improved or purified by the owner, agent, or other person having control thereof or responsible for such condition, and may prosecute him for the refusal or neglect to obey such order. The board may, by its officers and employees, remove, abate, suspend, alter, or otherwise improve or purify such nuisance and certify the costs and expense thereof to the county auditor, to be assessed against the property and thereby made a lien upon it and collected as other taxes.

The housing inspector also addresses issues with owner occupied housing where there are unsanitary and unsafe conditions that are public health nuisances.

There are 1025 rental licenses issued in 2018. From June –December of 2018 there were 135 inspections, 17 orders to vacate, and 77 complaints received.