



# **EAST LIVERPOOL CITY HEALTH DISTRICT ANNUAL REPORT 2022**

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**Carol Cowan-Health Commissioner**

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Closed Legal Holidays

[www.eastliverpool.com/health](http://www.eastliverpool.com/health)

## Mission Statement

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

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## Vision Statement

Safety and Good Health for the People of our Community

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## 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.E.H.S.	<b>Health Commissioner</b>
Mary Beth Jones, R.N.	<b>Director of Nursing</b>
Carol Cowan, R.E.H.S.	<b>Director of Environmental Health</b>
Kayla Crowl, R.E.H.S.	<b>Housing Inspector, Accreditation Coordinator</b>
Amy Toot	<b>Housing Inspector</b>
Shawn Blair, S.I.T.	<b>Environmental Division</b>
Charles Payne III, D.O.	<b>Medical Director</b>
Shelia Moman	<b>Registrar</b>
Vikki Anderson	<b>Deputy Registrar</b>

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## Members of the Board of Health

Mayor Greg Bricker, President

Carl Covert, Vice President

Jeffrey Caldwell, DMD

Amber Ramsey

Lauren McIntosh, CNP

John Dawson, MSN

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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 2021.

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

During 2022, the East Liverpool City Health District

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 causing effective change and producing a positive impact for the well-being for every individual. We also have been fortunate to receive grants that aid us in offering programs and vaccine clinics for the community.

We are continuing the process of becoming an accredited health district. The focus of accreditation is population-based disease prevention, health protection and health promotion. Our 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 was submitted in September 2021. A site visit by an accreditation team will be scheduled. All health districts in Ohio are mandated to be accredited by December 2025. 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 and Board of Health are dedicated to working together to serve our community and provide quality services and access to care which prevents disease, injury and manage risk factors. Our goal is always to provide accurate and updated information. Through our efforts, we strive to have a positive impact on the lives in our community. We look forward to serving each citizen and encouraging 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 decision 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 2692 documents in 2021

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

## Death Certificates Issued – 277

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

**Male - 142**

**Female - 135**

### Deaths by Month

Month	Deaths
January	46
February	22
March	16
April	27
May	19
June	13
July	15
August	25
September	18
October	30
November	19
December	27

### 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 M/F	1	1	1	0	7	12	20	73	79	54	29	0

Death Affidavits Issued	67	Affidavits of Paternity completed by Registrar	6
Fetal Deaths	0	Free Death Certificate for Veteran's Benefits	2
Medical Supplements Issued	18	Birth Abstracts Sold	1005
Burial Permits Sold	295	Death Certificates Sold	1228

# Vital Statistics

CANCER DEATHS 2022 – 36 13%															
	M	F	RACE	< 1	1- 9	10- 19	20- 29	30 - 39	40- 49	50- 59	60 - 69	70- 79	80- 89	90- 99	>100
LUNG	X		W									X			
LUNG		X	W								X				
LUNG		X	BL									X			
LUNG		X	W									X			
LUNG	X		W									X			
LUNG		X	W								X				
LUNG	X		W								X				
LUNG	X		W									X			
LUNG	X		W									X			
LUNG	X		W										X		
LUNG	X		W									X			
ESOPHAGEAL	X		W						X						
ESOPHAGEAL	X		W						X						
ESOPHAGEAL	X		W										X		
ESOPHAGEAL	X		W									X			
ESOPHAGEAL	X		W						X						
LIVER		X	W								X				
LIVER	X		W									X			
LIVER	X		W											X	
LIVER	X		W								X				
COLON	X		W								X				
COLON		X	W								X				
COLON		X	BL								X				
PROSTATE	X		BL											X	
PROSTATE	X		W											X	
BRAIN		X	W									X			
BRAIN	X		W								X				
BREAST		X	W									X			
BLADDER		X	W								X				
RENAL		X	W								X				
ENDOMETRIAL		X	W						X						
ORAL	X		W							X					
CERVICAL		X	W						X						
LEUKEMIA	X		W									X			
LARYNGEAL		X	W								X				
UNKNOWN	X		W										X		
<b>Total</b>	<b>22</b>	<b>14</b>							<b>4</b>	<b>2</b>	<b>12</b>	<b>12</b>	<b>3</b>	<b>3</b>	



# Vital Statistics

Cancer	Number	Percentage
LUNG	11	30.5%
ESOPHAGEAL	5	13.8%
LIVER	4	11.1%
COLON	3	8.3%
PROSTATE	2	5.5%
BRAIN	2	5.5%
BREAST	1	2.7%
BLADDER	1	2.7%
RENAL	1	2.7%
ENDOMETRICAL	1	2.7%
ORAL	1	2.7%
CERVICAL	1	2.7%
LEUKEMIA	1	2.7%
LARYNGEAL	1	2.7%
UNKNOWN	1	2.7%

HEART-RELATED DEATHS 2022-30 %														
	< 1	1-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	>100	Total	Percentage Male to Female
Male	0	0	0	0	0	2	5	18	11	5	2	0	43	51.8%
Female	0	0	0	0	0	0	1	6	14	13	6	0	40	48.2%
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>6</b>	<b>24</b>	<b>25</b>	<b>18</b>	<b>8</b>	<b>0</b>	<b>83</b>	

Males – most deaths in the 60s =% 70s=%

Females-most deaths in the 70s =% 80s=%

Male Heart Disease deaths occurs a decade earlier than women

COVID DEATHS 2022- 10.5%													
	< 1	1-9	10-19	20-29	30-39	40-49	50-59	60-69	70-79	80-89	90-99	>100	Total
Male	0	0	0	0	0	0	2	6	5	5	1	0	16
Female	0	0	0	0	0	1	1	2	4	5	1	0	13
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>3</b>	<b>8</b>	<b>9</b>	<b>10</b>	<b>2</b>	<b>0</b>	<b>29</b>

# Vital Statistics

In order to determine the leading cause of death within city limits, data was taken from death certificates for all 12 months in 2022.

MONTH	LEADING CAUSE OF DEATH	2 <sup>ND</sup> LEADING CAUSE OF DEATH
January 2022	COVID 33%	HEART 17%
February 2022	HEART 45%	COVID 32%
March 2022	HEART 31%	RESP 19%
April 2022	HEART 35%	RESP 19%
May 2022	HEART 21%	CANCER 21%, RESP 21%
June 2022	CANCER 46%	HEART 15%, RESP 15%
July 2022	HEART 46%	DRUGS 13%, CANCER 13%
August 2022	HEART 40%	CANCER 17%
September 2022	HEART 27%	RESPIRATORY 27%
October 2022	HEART 30%	CANCER 20%
November 2022	HEART 32%	REPSIRATORY 26%
December 2022	HEART 41%	CANCER 22%

SUICIDE-2022 .72%			
SEX	AGE	LOCATION	CORONER NOTES
M	38	1019 CLAIBOURNE ST GIRLFRIEND'S HOUSE	GUNSHOT TO HEAD
F	69	313 CAROLINA AVE-HOME	GUNSHOT TO CHEST

DRUG DEATHS 2022- 2.8 %													
	< 1	1- 9	10 - 19	20 - 29	30 - 39	40 - 49	50- 59	60- 69	70- 79	80- 89	90- 99	>100	Total
Male	0	0	0	0	3	0	1	1	0	0	0	0	5
Female	0	0	0	0	0	2	1	0	0	0	0	0	3
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>2</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>8</b>


# Vital Statistics

DRUGS-9					
	MALE/FEMALE	AGE	ADDRESS	LOCATION OF DEATH	RACE
#70	MALE	35	LISBON, OH	ELCH-DOA	W
#99	FEMALE	49	503 COLLEGE ST	HOME	W
#113	FEMALE	59	505 MARYLAND ST	HOME	BL
#145	MALE	35	840 LOUISE ST	ELCH-	W
# 156	MALE	65	UNKNOWN-EL	1845 LISBON ST	W
#176	MALE	44	1575 HOLIDAY ST	707 ST CLAIR AVE	BL
#203	MALE	57	777 FENTON ST	HOME	W
#245	FEMALE	46	1147 OHIO AVE	HOME	W
#268	MALE	36	NEWELL	ELCH	W

DEATH BY RACE -2022			
RACE	SEX	AGE	CAUSE
BLACK	F	50-59	COVID
BLACK	F	60-69	Cirrhosis
BLACK	F	90-99	MI
BLACK	F	70-79	Lung Cancer
BLACK	F	60-69	Drugs
BLACK	F	60-69	Resp Failure
BLACK	M	60-69	Sepsis
BLACK	M	90-99	Prostate Cancer
BLACK	M	40-49	Drugs
BLACK	F	90-99	Stroke
BLACK	F	90-99	ESRD
BLACK	F	90-99	Colon Cancer

NON-WHITE DEATHS 2022- 4.3 %													
	< 1	1- 9	10 - 19	20 - 29	30- 39	40- 49	50- 59	60- 69	70- 79	80- 89	90- 99	>100	Total
Male	0	0	0	0	0	1	0	1	0	0	1	0	3
Female	0	0	0	0	0	0	1	3	1	0	4	0	9
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>	<b>4</b>	<b>1</b>	<b>0</b>	<b>5</b>	<b>0</b>	<b>12</b>

# Nursing Division



Mary Beth Jones, 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 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 Vaccines Administered

Vaccines	# of Vaccines Admin. Children
DTaP	0
Gardasil	15
Hep A	1
Hep B	0
HIB	1
Influenza	3
IPV	0
Kinrix	3
MMR	1
Menveo	16
Tdap	8
Vaxelis	3
PCU/Prevnar	4
Varivax	3
Rotarix	2
Men B	4
<b>Total</b>	<b>64</b>

### Adult Flu Vaccines Administered

Flu Vaccines	#
25-44	3
45-64	7
65+	5
<b>Total</b>	<b>15</b>

Covid Vaccines	Adult
Moderna	450

# Nursing Division

## IMMUNIZATION PROGRAM- VaxCare

### Children Vaccines Administered

Vaccines	# of Vaccines Admin. Children
DTaP	0
Gardasil	2
Hep A	0
Hep B-adult	0
HIB	0
Influenza	0
IPV/Polio	1
Kinrix	0
MMR-adult	0
Menveo	2
Pediarix	0
Prevnar 13	0
Rotvirus	0
Tdap	0
Varicella	0
Men B	1
<b>TOTAL</b>	<b>6</b>

### Adult Vaccines Administered

### # Receiving Flu Vaccinations Age

Vaccines	#		Vaccines	#
Influenza	9		0-18	0
MMR	3		19-24	1
Tdap	5		25-44	2
Hep A	0		45-64	3
Hep B	6		<b>65+</b>	<b>3</b>
PCV	2			
Varicella	0			
Shingrix	7			
<b>TOTAL</b>	<b>32</b>		<b>TOTAL</b>	<b>9</b>

# Nursing Division

## Communicable Disease Report

Chlamydia	27
Haemophilus Influenza	1
Gonorrhoea	9
Hepatitis C	3
Lyme Disease	2
Mycobacterial Disease	0
Streptococcus Pneumonia	1
Influenza Hospital Associated	3
Salmonellosis	0
Hepatitis B	0
Staphylococcal Aureus	1
Streptococcal Disease	0
CP-CRE	2
Listeriosis	0
Meningitis, Aseptic inc. Viral meningoencephalitis	2
Cryptosporidiosis	0
Giardiasis	1
Covid-probable	161
Covid-confirmed	922
<b>TOTAL</b>	<b>1135</b>

## Sexually Transmitted Disease Activity According to Age

Age	Gonorrhoea-9 44% male 55%-female	Chlamydia-27 18.5% male 81% Female	# Pregnant-3
<14	0	0	
15-19 14%	1-female	4-female	
20-35 72%	2-male 4-female 6 total	3-males 17-female 20 total	19-Gonorrhoea 24-Chlamydia 31-Chlamydia
36-45 8%	1-male	1-male 1-female	
46+ 6%	1-male	1-male	

# 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 20	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, Kayla Hamilton, 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		Licenses Issued-FSO/RFE	
Total Inspections	136	Total Licenses	71
<b>FSO</b>			
Standard Inspections	56	Retail Food Establishment	24
Pre-Licensing Inspections	0	Food Service Operations	47
Consultations	1	Restaurants	30
Temporary Inspections	10	Mobile Food	1
Mobile Inspections	2	Temporary Food	10
Vending	6	Vending	6
Plan Reviews	2		
Complaint	2		
Follow-up	16		
<b>RFE</b>		Tattoo Establishments	0
Standard Inspections	36	Swimming Pools	2
Pre-Licensing Inspections	2		
Consultations	2		
Complaint	2		
Follow-Up	5		
Other Inspections:			
Swimming Pools	2		
School Buildings	4		

# Environmental Health Division

## 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 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	\$121,450.00
Nursing	\$1,070.00
Food Service	\$14,465.00
Vital Statistics	\$60,768.00
Swimming Pool	<u>\$135.00</u>
	<b>\$197,888.00</b>

### State Funds

ODH-grants	\$94,676.63
State Subsidy	<u>\$2,762.17</u>
	<b>\$97,438.80</b>

<b>Federal Funds</b>	<u>\$ 0.00</u>
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<b>TOTAL</b>	<b>\$295,326.80</b>
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## EXPENDITURES

Labor Costs-wages	\$192,750.00
Labor Costs-fringe	\$32,027.00
Non-Labor Costs	\$34,220.00
Supplies	\$2,684.00
Accreditation	\$5,600.00
Health Insurance	<u>\$28,045.00</u>
<b>TOTAL</b>	<b>\$295,326.00</b>

## REMITANCE FEES TO THE STATE

Ohio Dept of Health	\$33,027.52
Ohio Dept of Agriculture	\$644.00
Ohio Division of Real Estate	<u>\$548.50</u>
<b>Total</b>	<b>\$34,220.00</b>

# 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. The housing division responded to 166 complaints, ordered 59 demolitions, inspected 474 rental properties, and condemned 76 houses in 2022. In addition, housing inspectors file charges and prepare and testify for court hearings in efforts to enforce housing codes.

# Community Health

Covid-19 vaccine booster clinics were held multiple times during the year. Our team partnered with East Liverpool City Hospital's Pharmacist, Resident Doctors, and medical students to offer free walk-in Moderna Booster clinics at the East Liverpool Community and Learning Center. The clinics were very successful, and hundreds of residents were vaccinated.

We partnered with Columbiana County Health Partners which included the Columbiana County Health Department, Salem City Health District, East Liverpool City Hospital, Salem Regional Hospital, Mental Health Recovery Board and Services, OSU Extension, CASH coalition, Columbiana County Educational Service Center, Family and Children First Council to do a Community Health Needs Assessment (CHNA) and a Community Health Improvement Plan (CHIP). Primary data was gathered from key stakeholders and focus groups including vulnerable populations and together with key secondary data findings, the CHNA was developed which identified our health needs." The goal is to effectively promote better health outcomes in Columbiana County by leveraging multiple perspectives, community relationships and areas of expertise", 2022 CHNA, page 3. A CHIP was then created in collaboration with our health partners spelling out strategies for the next 3-years which will address the health needs identified in the CHNA. Both plans are available on our website, [www.eastliverpool.com/healthdept](http://www.eastliverpool.com/healthdept).

East Liverpool City Health District formed a Healthy Living Coalition in partnership with East Liverpool City Hospital in the Fall of 2022 and includes multiple organizations, schools, health professionals, elected officials, law enforcement and citizens in East Liverpool. The mission of the coalition is to promote healthy living and prevent disease through education, media campaigns, physical activity initiatives, and nutrition initiatives.

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