



Public Health

JEFFERSON COUNTY

GENERAL HEALTH DISTRICT

2021 ANNUAL REPORT



500 Market Street
6th Floor
Steubenville, OH 43952
740-283-8530

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RADx-UP Grant

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A Message from the Health Commissioner



On behalf of the Board of Health and staff, I am pleased to present the 2021 Jefferson County General Health District (JCGHD) Annual Report.

The last two years have been characterized by unprecedented times for JCGHD. This is due in part to the COVID-19 pandemic and a flurry of administrative changes at JCGHD. Nevertheless, our commitment to Jefferson County is stronger than ever. We will continue to strive for growth in our many services to the community and who we are as public health professionals.

Even though 2021 was a year of ups and downs, the positives undoubtedly outweighed the negatives. Our Nursing Department and Public Health Emergency Preparedness (PHEP) program worked tirelessly to vaccinate Jefferson County residents. The Environmental Division was able to resume normal operations. The WIC Department found creative ways to manage their pandemic related restrictions. The Administrative Department spent countless of hours addressing fiscal and managerial challenges. Our physical location expanded to encompass the entire 6th Floor at the Towers Building and the Toronto office reopened. One of our greatest accomplishments was the purchase the Wellness on Wheels (WOW) medical van to serve residents of Jefferson County with funding from the J.C. Williams Charitable Trust.

I could go on about the positive momentum from 2021, but our actions speak louder than words. We look forward serving Jefferson County in 2022.



Sincerely,

A handwritten signature in black ink, reading "Andrew Henry".

Andrew Henry
Health Commissioner

Year of the COVID-19 Vaccine

The year of 2021 will forever be remembered as the year of the COVID-19 vaccine. As we entered the new year, there was a renewed hope that the COVID-19 vaccine would bring an end to the pandemic. When we fast forward to the end of 2021, even though the vaccine had proven to be effective in preventing severe cases of COVID-19 and death, it did not provide an end to the pandemic. Nevertheless, the dedication of the JCGHD staff to administer over 7,000 vaccines was an accomplishment worth celebrating.

In early January, we began vaccinating healthcare workers and county EMS. Healthcare agencies were instructed to utilize the vaccine interest form on the JCGHD website created specifically for vaccine requests. Vaccine clinics for this first group of eligible individuals were held at Shaffer Plaza throughout January.

On January 7, 2021, Governor DeWine announced Ohio's Phased Approach for vaccine distribution to the general public. Mass vaccination distribution was set to begin on January 21st with the 80 and older population and would progress to include younger populations as more vaccine became available. This marked the beginning of a wild ride that initially seemed like a never ending road.

The first few mass vaccination clinics were held at the Jefferson County Towers Community Room and St. Florian Hall. Then, we settled in at the Fort Steuben Mall for continuous mass vaccination from the end of January – April. In addition to our own sites, JCGHD was blessed to have the support of many local vaccine providers. The coordinated response between JCGHD and Trinity Health System for a unified vaccine sign-up and scheduling system was both quick and efficient. The commitment to getting shots in arms county-wide was truly remarkable.

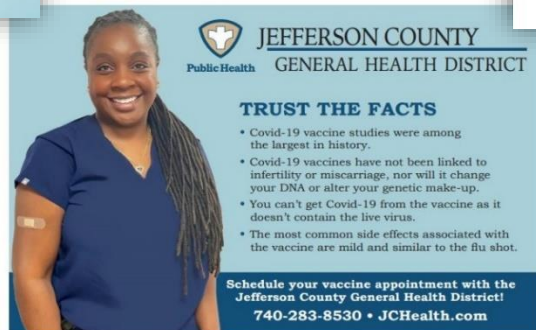


As clinics were held four days a week at the Fort Steuben Mall throughout the winter 2021, schools also joined the mix on February 23rd. All Jefferson County school districts

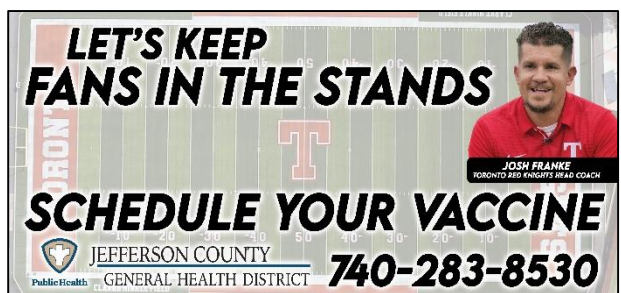
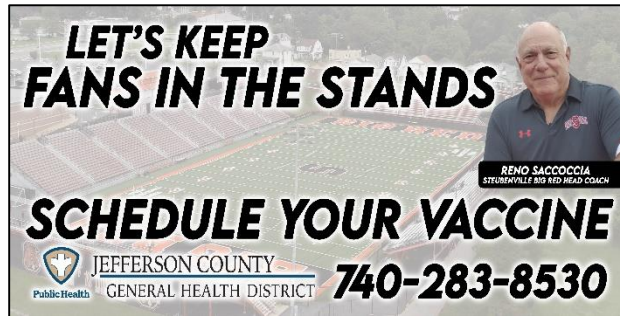
relied on JCGHD to support their vaccination clinics. A partnership with CHANGE, Inc. allowed for mobilization of vaccine clinics to each school district.

Once the mass vaccination clinics ended, outreach was the next step to ensure equitable distribution. JCGHD held Sunday clinics at churches throughout the county advertised as Vaccinate to Congregate. Nursing staff also went to several Jefferson Metropolitan Housing Authority locations to proactively vaccinate county residents living in public housing. Outreach continued at area festivals, community centers and county libraries during summer 2021. JCGHD also partnered with the Ohio Department of Health to offer mobile vaccine sites in Toronto, Dillonvale, Richmond, and Steubenville which was designed to serve both urban and rural Jefferson County. Finally, JCGHD nurses scheduled homebound visits to shut-in patients to ensure everyone had the opportunity to be vaccinated. These home visits were completed by both JCGHD and Carter Home Health.

Summer 2021 saw a decrease in vaccination uptake statewide. Locally, we ran a number of advertisements designed to help increase vaccination rates. These included television commercials, social media, bulk mailing and billboards.



As fall 2021 approached, the goal was to engage school students in our vaccination campaign. A vital aspect to keeping students in school was getting them vaccinated. The JCGHD school vaccination message included several area football coaches promoting keeping players on the field and fans in the stands. This message aired during local high school football broadcasts, select college and professional football games and appeared on area billboards.

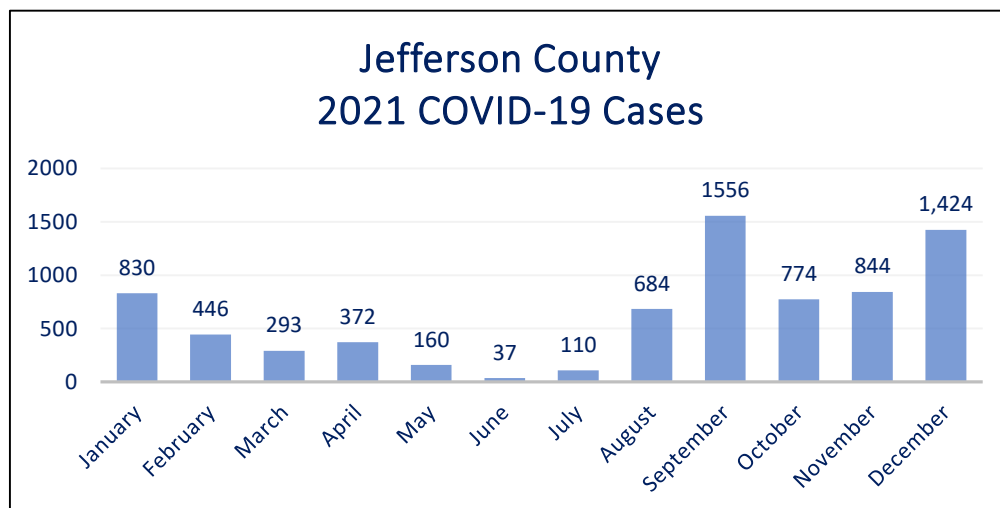


To wrap up the COVID-19 vaccine clinics for 2021, two large booster clinics were held after the CDC recommended an additional dose. The Pfizer, Moderna, and Johnson and Johnson vaccines continued to be available at the JCGHD Nursing Clinic in Steubenville on Tuesday and Wednesday each week, as well as the Toronto office every Monday.

COVID-19 Cases by the Numbers

The first six months of 2021 required COVID-19 Health Order enforcement and education for face coverings and mass gathering limitations. At the start of 2021, Ohio's goal was to reach 50 cases per 100,000 residents for Health Orders to be rescinded. The State of Ohio reported cases per 100,000 residents on a weekly basis. This goal was finally reached on the June 10 report and remained under 50 cases through July 22. Nevertheless, the growing landscape of the pandemic resulted in a shift that saw essentially all Health Orders rescinded effective June 1, 2021.

While the year of 2021 will mostly be remembered for the COVID-19 vaccine, the number of COVID-19 cases in 2021 far exceeded cases from 2020. Reported cases for 2021 was 7,530 and 2020 was 3,534. Surges in September and December were driven by two different COVID-19 variants. The September caseload was attributed to the Delta variant and December brought Jefferson County the Omicron variant. The total number of COVID-19 deaths reported for 2021 was 168.



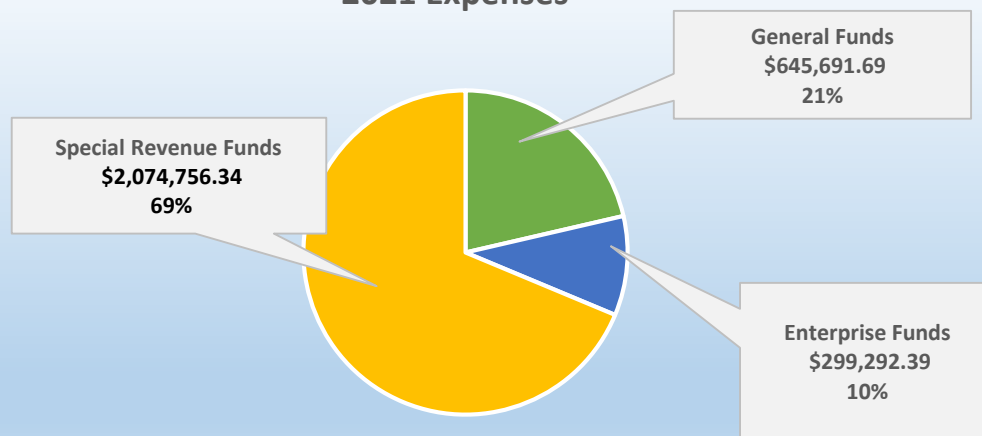
Administrative - Finance

2021 Beginning Balance: \$867,518.80*

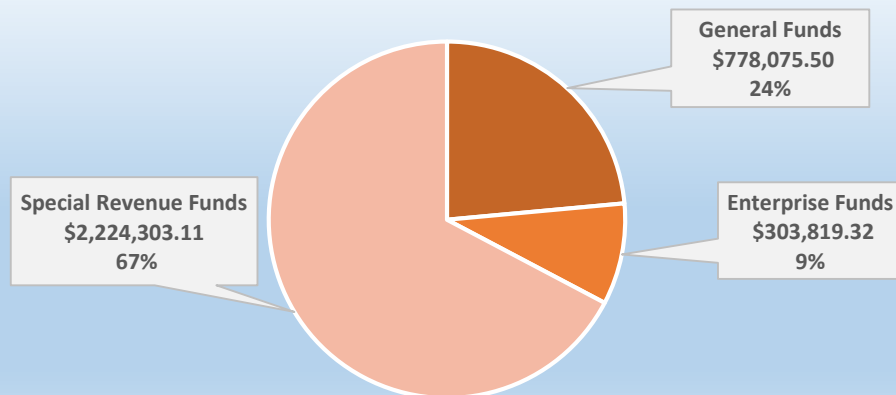
2021 Ending Balance: \$1,153,976.31

**This differs from 2020 ending balance reported at end of 2020 due to audited financial statements for 2018 and 2019 being received in July of 2021. It affected all balances. The release of the audited financial statements was delayed due to an investigation being conducted by the State Auditor's office.*

2021 Expenses



2021 Receipts



Jefferson County General Health District Fund Balance Summary 12/31/2021

	2021			12/31/21
	Beginning Balance	2021 Receipts	2021 Expenses	Ending Cash Balance
General Funds	\$ (70,425.93)	\$ 778,075.50	\$ 645,691.69	\$ 61,957.88
Enterprise Funds	\$ 158,148.90	\$ 303,819.32	\$ 299,292.39	\$ 162,675.83
Special Revenue Funds	\$ 779,795.83	\$ 2,224,303.11	\$ 2,074,756.34	\$ 929,342.60
	\$ 867,518.80	\$ 3,306,197.93	\$ 3,019,740.42	\$ 1,153,976.31

General Fund Comprised of:

District Board of Health	\$ 265,785.77
Vital Statistics	\$ 63,178.63
Nursing	\$ (262,941.96)
TB	\$ 21,476.16
BCMH	\$ (15,025.11)
Toronto	\$ 38,032.12
Accreditation	\$ (48,547.73)
	\$ 61,957.88

Enterprise Funds Comprised of:

Food Service	\$ 76,711.97
Environmental/Sewage	\$ (8,897.67)
Water	\$ 24,468.59
Swimming Pools	\$ 23.31
Trailer Parks	\$ 5,277.15
Plumbing	\$ 64,382.22
Parks & Camps	\$ (86.19)
Tattoo * (previously in General, belongs in Enterprise)	\$ 796.45
	\$ 162,675.83

Special Revenue Funds Comprised of:

Solid Waste	\$ (29,555.25)
CD & D (Landfill)	\$ 617,038.44
PHEP Grant	\$ 47,832.16
Vaccine Equity Grant	\$ 29,103.28
Vaccine Needs Grant	\$ -
HIV Grant	\$ 20,121.64
Maternal Child Health Grant	\$ 112,901.83
Cribs 4 Kids Grant	\$ 36,455.21
WIC Grant	\$ 22,479.71
Lead Grant	\$ 198.83
Immunization (Get Vaccinated) Grant	\$ 33,343.28
Car Seats	\$ 0.10
RadX Grant	\$ (14,275.43)
Public Health Workforce Grant	\$ (14,736.14)
Severance Fund	\$ 37,809.12
Covid 19 Grants	\$ 12,182.53
Scabies Grant	\$ 5,963.00
Mosquito Grant	\$ 5.64
PNC Wellness on Wheels (WOW)	\$ 12,291.21
RC 21 Grant	\$ 183.44
	\$ 929,342.60

\$ 1,153,976.31

Environmental Division

The Environmental Division works to advance policies and programs to reduce chemical and other environmental exposures in the air, water, soil, and food to protect people and provide communities with healthier environments.

The environmental team is comprised of three registered sanitarians and one sanitarian-in-training. They work to ensure that restaurants and retail food establishments meet local and state guidelines. In addition, they regulate residential and sewage treatment systems, tattoo and body piercing facilities, landfills, swimming pools, and campgrounds.

The environmental division also inspects public nuisances such as illegal sewage discharges, trash accumulations, rodent and other animal and insect disease vectors, and other potential public health hazards.

FOOD PROGRAM

The Food Protection Program works to ensure the safety of food prepared, served and sold in Jefferson County through inspections, enforcement and education. The food program year runs from March 1st through the last day of February. The food program



has two branches of regulatory bodies that provide oversight. The Ohio Department of Health oversees food service operations and the Ohio Department of Agriculture oversees retail food establishments. The inspections help to provide residents with safe food that is served at restaurants, retail food establishments, mobile food operations and temporary food events located in our county.

Inspection Type	Number of Permits
Standard	532
Process Reviews/Critical Control Point	190
Mobile	62
Temporary	9
Vending	9
Total	802

SOLID WASTE PROGRAM

One of the most well-known areas of our Environmental Division is the Solid Waste Program. The Solid Waste program is an optional program of local health departments. We are on the Ohio Environmental Protection Agency's solid waste approved list of health departments. As such, we partner with the



Environmental Protection Agency (EPA) to provide local operational enforcement of the EPA regulations. In 2021, we conducted the following inspections: 12 quarterly inspections, 36 focused inspections, and 44 odor patrols. All quarterly inspections were completed for CD&D (Crossridge), Hollow Rock, Cardinal and Steubenville City Landfill. The following had one (1) inspection each: Trinity Auto Clave, Bedway Landfill (closed), Stratton Landfill (closed), and Total Lawn (Compost Facility).

SEWAGE PROGRAM

74 Septic System Installation Permits were issued in 2021.

Township	Number of Permits	Township	Number of Permits
Brush Creek	1	Saline	5
Cross Creek	9	Smithfield	5
Island Creek	18	Springfield	5
Knox	5	Steubenville	1
Mt. Pleasant	7	Warren	3
Ross	4	Wayne	3
Salem	6	Wells	2
		Total	74

78 Septic System Permits to Operate were issued in 2021

Township	Number of Permits	Township	Number of Permits
Brush Creek	1	Saline	6
Cross Creek	11	Smithfield	5
Island Creek	18	Springfield	5

Knox	5	Steubenville	1
Mt. Pleasant	8	Warren	3
Ross	4	Wayne	3
Salem	6	Wells	2
		Total	78

SEMI-PUBLIC SEWAGE TREATMENT SYSTEMS

64 Semi-Public Sewage Treatment Systems were registered in 2021. These systems require annual inspection and all were completed in 2021.

PRIVATE WATER SYSTEMS

Registered Sanitarians and Sanitarians-in-Training from the Jefferson County General Health District inspect the construction of private water systems and collect water samples to ensure that water being consumed is free of bacterial contamination and therefore is safe to drink. 75 water samples were taken to be submitted for bacterial analysis in 2021.



The Jefferson County General Health District is responsible for the following water inspection/sample collection activities within the boundaries of Jefferson County.

- Point of Sale program: In Jefferson County, any time a home is sold having a well, the system must be inspected prior to the closing of the sale.
- New well construction/installation
- Existing wells

18 Private Water Systems were installed in 2021.

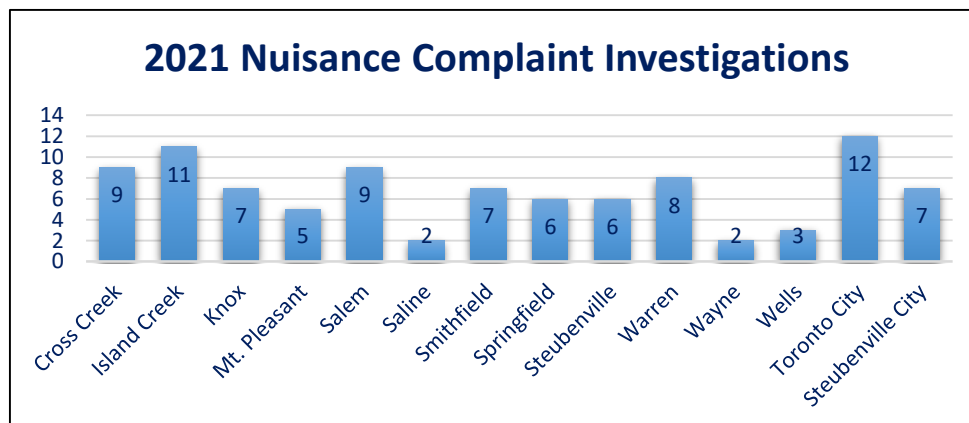
Location	Number Of Private Water Systems Installed
Brush Creek	1
Cross Creek	3
Island Creek	2
Knox	2
Ross	3
Salem	4
Wayne	3
Total	18

PUBLIC HEALTH NUISANCE INVESTIGATIONS

A Public Health Nuisance means "any condition which is injurious or potentially injurious to the health and safety of the public, or which pollutes the air, land, or water". A public nuisance affects the public as a class, not merely one person or a group of citizens. Regulations do not give us authority over indoor housing conditions for homeowners. Some examples of nuisance conditions may include improper storage of garbage, rodents, accumulation of animal wastes, and standing water. Investigations are conducted to determine whether a public health nuisance does in fact exist. Abatement of nuisances is pursued to properly correct any such conditions.



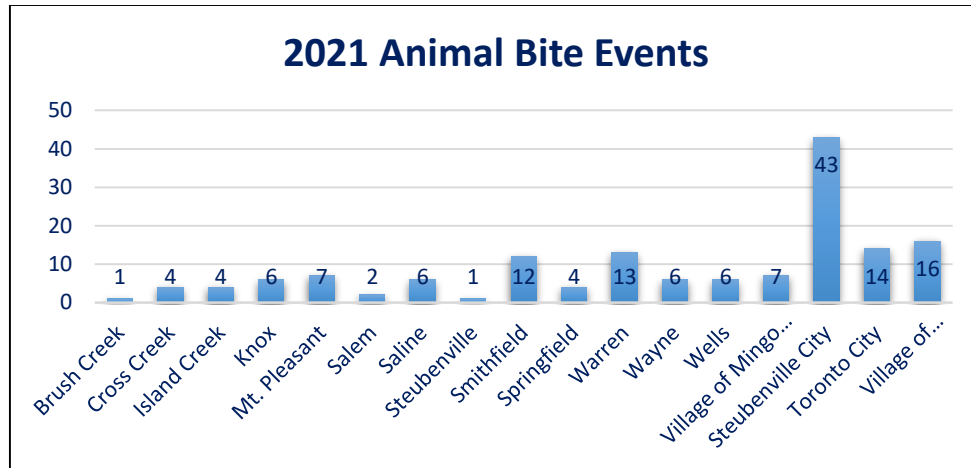
A total of 94 Public Health Nuisance Investigations were conducted in 2021. The following chart shows a breakdown of the complaints by city/township.



REPORTED ANIMAL BITE EVENTS

Ohio law requires that "Whenever an individual is bitten by a dog or other non-human mammal, report of such bite shall be made within twenty-four hours to the health commissioner of the district in which such bite occurred" (Ohio Administrative Code 3701-3-28).

152 Reported Animal Bite Events occurred in 2021.



Nursing Division

VFC

The Vaccines for Children (VFC) program vaccinated 172 children in 2021. This program has allowed our department to reach families that either have no insurance or are underinsured. The goal of VFC to help keep children on schedule with their vaccines. More specially, to have children fully vaccinated by age 2 and maintaining all necessary vaccines through the age of 18. Many children fell behind on their vaccine schedules due to COVID-19. Our department was able to reach out to 5 of our 7 school districts to provide the required 7th and 12th grade immunizations at the school.

Cribs for Kids

The Cribs for Kids grant has allowed us to provide 32 pack-and-plays in 2021. A pack-and-play serves as a designated safe sleep area for infants up to 1 years old. Along with providing cribettes to families, we also provided education to these families on the ABC's of safe sleep. The infant mortality has held a steady rate in Ohio since 2015. By educating families and providing a safe sleep kit, we hope to see a decline in these numbers. Our department partnered with two other counties for this grant and delivered a total of 55 pack and plays to families in Jefferson, Belmont, and Harrison counties.

Maternal Child Health

The Maternal Child Health team held 5 coalition meetings with agencies in Jefferson County that are key stakeholders in women's health. Within these meetings, we developed a survey tool to assess women's access to care and quality of care. We distributed 370 surveys to women ages 18-44. Results of the survey were shared with the coalition and an action plan was created to be implemented in 2022 to include creating women's support/peer groups and creating community gardens in the county.

BCMH

The Bureau for Children with Medical Handicaps (BCMH) program had 55 active clients in 2021, which is up slightly from previous years. Our nurse completed many virtual visits with these clients during COVID-19 to ensure they were remaining actively enrolled in the program and received the care they need. The nurse provides a Letter of Approval for Treatment, Diagnostic, and Service Coordination for families. The nurse also serves as an advocate to assist with financial help for medical necessities.

Flu Clinic Outreach

2021 was a successful year for flu outreach clinics. We visited 16 offsite clinics, such as work places, churches and schools. For three of these clinics, we utilized the WOW unit, which included Richmond, Adena and Fort Steuben Mall.



Community Outreach

Most of JCGHD's outreach in 2021 was vaccine related. However, we did host a Minority Health Fair, two Bike Rodeos and a Holiday Wellness Challenge in addition to the many vaccine clinics.



2021 Communicable Disease Report

Disease	Case Count
Campylobacteriosis	2
Chlamydia	185
COVID-19	7616
CP-CRE	3
Cryptosporidiosis	3
E.coli	2
Giardiasis	0
Gonorrhea	98
Haemophilus influenzae (invasive)	1
Hepatitis A	0
Hepatitis B	9
Hepatitis C	76
Influenza-associated hospitalization	0
Legionnaires' disease	2
Lyme disease	25
Meningitis, aseptic/viral	0
Meningitis, bacterial	0
Pertussis	0
Salmonellosis	5
Shigellosis	1
Streptococcal disease, group A	3
Streptococcus pneumoniae	8
Syphilis	4
West Nile Virus	1
Varicella	0
TOTAL	8044

WIC DIVISION

During 2021, WIC operations continued with no major changes. Visits continue to be mostly done over the phone with a few visits in the clinic for lactation consultations, breast pump issuance and necessary height/weight checks. Nutrition Education is given verbally and with paper handouts.



During National Nutrition Month (March), we focused our education on Personalize Your Plate with Color and provided participants with divided MyPlates, cutting boards, spoons, children's aprons, bibs, recipes and other tools related to the nutrition education for the month.

On May 6th, we participated in the Health Department's Minority Month Health Fair at Historic Fort Steubenville. Healthy snacks of carrots and yogurt based dip and juice boxes were provided along with recipes. WIC Information and Nutrition Education was provided as well.

In the summer of 2021, WIC distributed farm market vouchers to pregnant, breastfeeding, postpartum and child participants. Each participant that chose to receive the vouchers received four coupons worth \$5 each to use at local WIC-approved farmers market. These were distributed with a children's Farmer's Market book, tips for storing fruits and vegetable, a tote bag and guide for in season Ohio grown fruits and vegetables. 670 coupons were issued. Total of distributed coupons was \$3,350 with 24.63% (165 Coupons totaling \$825) redeemed.



We assisted with and presented WIC and Nutrition Education at the Health Department's Bike Rodeos on July 22nd and July 29th. Juice boxes were provided to participants.

During Breastfeeding Awareness Month (August), we celebrated our breastfeeding mothers thru social media posts and provided them with nursing bras, washable breast pads, milk storage bags, nursing covers, cooler bags and Haakas (breastmilk catching pump). Milky Way snack

size candy bars with attached breastfeeding facts were given to local Medical Provider Offices.

On August 12th, we attended the Urban Mission Back to School Rally held at the 7th Street Plaza. Participants were given a bag of information on healthy school lunches, fun recipes and WIC information.

Our contract formula changed from Gerber products to Enfamil Products on October 1st. The Director visited local pediatricians, obstetricians and birthing floors and provided information about this change. Medical Providers were given breastfeeding reference books, flyers for distribution to patients needing lactation assistance, laminated lactation assistance cards for the doctors' use and WIC outreach brochures.



A Grinch "Watch Party" at Home bags were distributed to our participants during December. These had a list of days/times /stations *The Grinch* would be played. Microwave popcorn, hot cocoa, candy cane, Grinch necklace kit and a small Grinch, along with healthy Grinch themed snack recipes using WIC foods. These were well received by the families.

As we look forward to 2022, we hope to continue efforts to better communication and referrals from medical providers, increase breastfeeding rates and maintain current caseload.

VITAL STATISTICS

JCGHD registers all deaths and births occurring within county geographical boundaries. Deaths among younger residents of the district are often from accidents and suicides. Middle age deaths are attributed to heart attacks and cancers.

Death Certificates are available only for persons that were pronounced deceased within the Jefferson County. JCGHD does have statewide access to electronic birth certificates. Through this program, we can issue a birth certificate as long as the person was born in Ohio. Birth and Death certificates can be purchased on line through VitalChek.com.

FIVE YEAR HOME BIRTH TOTALS

YEAR	2017	2018	2019	2020	2021
FEMALE	5	4	6	6	7
MALE	2	5	6	4	7
TOTAL BIRTHS	7	9	12	10	14

BIRTH CERTIFICATES

In 2021, 2,764 birth certificate copies were issued. Of the 2,764, 332 certificates were issued through VitalChek. In 2021, 2,406 birth certificate copies were issued to those born in Steubenville. At the Birthing Center there were 229 births that occurred in 2021. Due to Statewide issuance, a number of copies were issued for births outside of the Jefferson County Health District and outside of Steubenville:

ADENA-2	AKRON-18	ALLIANCE-4	AMHERST-1
AMSTERDAM-1	ASHTABULA-1	ATHENS-1	BARBERTON-4
BARNESVILLE-1	BEDFORD-1	BELLAIRE-16	BELLEFOUTAINE-1
BERGHOLZ-3	BLOOMINGDALE-1	BOARDMAN-7	BRILLIANT-2
BOWLING GREEN-1	CLEVELAND-12	CADIZ-1	CAMBRIDGE-2
CANTON-20	CARROLLTON-1	CINCINNATI-5	CLEVELAND-14
COLUMBUS-29	CONNEAUT-3	COSHOCTON-1	CUYAHOGA FALLS-1
DAYTON-4	DENNISON-4	DILLONVALE-2	DOVER-2
EAST LIVERPOOL-38	EMPIRE-1	FINDLEY-1	GALLIPOLIS-2
GEORGTOWN-1	GLENN ROBBINS-2	HAMILTON-4	IRONDALE-9
LANCASTER-1	LIMA-4	LOGAN-1	LORAIN-1
MADISON-1	MAYNARD-1	MARIETTA-5	MARION-1
MARTINS FERRY-38	MASSILLON-1	MENTOR-1	MIDDLETOWN-3

MINGO JUNCTION-14	MT. VERNON-1	NEWARK-1	NILES-1
OREGON-1	PAULDING-1	PINEY FORK-1	RAVENNA-4
RICHMOND-2	ROME, ITALY-1	SALEM-8	SALINE TWP-1
SANDUSKY-1	SIDNEY-1	SMITHFIELD-1	SPRINGFIELD-2
TIFFIN-1	TILTONSVILLE-1	TOLEDO-1	TORONTO-16
UHRICHSVILLE-1	WARREN-8	WESTERVILLE-1	WILMINGTON-1
WINTERSVILLE-5	WOLF RUN-1	YOUNGSTOWN-7	ZANESVILLE-3

DEATH CERTIFICATES

In 2021, there were 1,101 death certificates filed. JCGHD is now responsible for the filing of all deaths that occur in Jefferson County. In 2021, there was no fetal deaths filed in Jefferson County. There were 496 (45%) burials, 600 (55%) cremations and 5 donations that occurred in the Jefferson County General Health District.

There were a total of 266 Jefferson County Home Deaths and a total of 835 deaths that occurred in Steubenville City.

There were a number of decedents that lived outside the Jefferson County General Health District that passed away in our district:

ALLIANCE-1	BELMONT-1	BELLAIRE-1	BENWOOD, WV-1
BETHANY-2	BOWERSTON-3	BRECKSVILLE-1	BRIDGEPORT-2
BURGETTSTOWN-1	CADIZ-23	CHESTER, WV-6	CHICAGO, IL-1
CLEVELAND, TN-1	CLINTON, PA-1	COLLIERS-8	DENNISON-6
DOVER-1	EAST LIVERPOOL-13	EAST PALESTINE-1	EUCLID-1
FOLLANSBEE, WV-21	FREEPORT-1	HOOKESTOWN, PA-1	HOPEDALE-14
HOUSTON, TX-1	JEWETT-11	LAWRENCE TWP-1	MARTINS FERRY-3
MILLERSBURG-1	MOUNDSVILLE, WV-1	NEWCOMERSTOWN-3	NEW MARTINSVILLE, WV-1
NEW CUMBERLAND, WV-10	NEWELL, WV-1	NEW MANCHESTER, WV-1	NEW PHILADELPHIA-3
PITTSBURGH, PA-1	PORT WASHINGTON-1	PRINCETON-1	SALEM-1
SCIO-6	SEVEN HILLS-1	SHERRODSVILLE-1	ST. CLAIRSVILLE-4
TRIADDELPHIA, WV-1	UHRICHSVILLE-12	VALLEY GROVE, WV-2	VANCOUVER, WA-1
WEIRTON, WV-48	WELLSBURG, WV-18	WELLSVILLE-2	WEST LAFAYETTE-1
WHEELING, WV-8+			

The number of decedents that lived in the Jefferson County Health District:

BERGHOLZ-19	BLOOMINGDALE-25	BRIILLIANT-24	DILLONVALE-19
EAST SPRINGFIELD-2	EMPIRE-4	HAMMONDSVILLE-7	IRONDALE-5
MINGO JUNCTION-69	MT. PLEASANT-2	RAYLAND-35	RICHMOND-18
SALINE TWP-1	SALINEVILLE-1	SMITHFIELD-9	SPRINGFIELD TWP-1

STEUBENVILLE-318	STATTON-2	TILTONSVILLE-5	TORONTO-97
WINTERSVILLE-133	WOLF RUN-3	YORKVILLE-9	

FIVE YEAR DEATH TOTALS

YEARS	2017**	2018	2019	2020	2021
<1	5	1	3	1	1
1-10	1	0	2	3	2
11-20	3	4	2	0	3
21-30	9	7	14	11	15
31-40	19	14	23	19	34
41-50	31	28	27	43	55
51-60	98	98	68	80	109
61-70	187	161	170	175	220
71-80	236	222	207	228	270
81-90	251	242	223	258	265
91-100	118	120	123	113	120
>100	2	5	5	2	7
TOTAL	960	902	867	933	1101

**This includes numbers of deaths that Steubenville Health Department Filed.

In 2021, there were 35 accidents recorded as the manner of death. Of the 35 accidents, 31 were considered to be drug overdose deaths. Common causes of the overdose were usage of Cocaine, Benzodiazepines, Fentanyl, Norfentanyl, Cannabinoid, Opiates, Amphetamines, Buprenorphine, Alcohol, Methamphetamines, Methadone, Diphenhydramine, Fluorofentanyl, Flualprazolam, Ethanol, Acetyl Fentanyl and THC.

In 2021, the causes of death were broken down into additional categories to give a better spectrum of causes of death that occurred in Jefferson County General Health District.

LEADING CAUSES OF DEATH FOR THE PAST FIVE YEARS

CAUSE	2017**	2018	2019	2020	2021
HEART	204	207	158	141	160
CANCER	191	208	185	187	208

CEREBRAL	20	33	48	45	42
ACCIDENTS	41	25	30	28	35
SUICIDES	11	12	15	6	8
ALZHEIMER'S	15	25	22	27	28
PULMONARY	158	108	100	91	114
HOMICIDE	3	2	4	1	3
RENAL	39	37	42	35	31
OTHER	278	68	37	42	24
GASTRO		3	6	9	4
BRAIN DISEASE		11	8	1	7
SEPSIS		46	59	66	64
MYOCARDIAL INFARCTION		47	61	81	80
FAILURE TO THRIVE		46	33	26	32
BOWEL OBSTRUCTION		4	1	4	5
MULTIPLE SCLEROSIS		3	0	0	0
CIRRHOSIS OF LIVER		11	4	6	14
PARKINSON'S		3	5	4	10
LIVER		3	5	0	6
INFLUENZA A			3	2	0
CONGESTIVE HEART FAILURE			39	43	45
DIABETES			0	0	2
COLON DISEASE			1	0	1
PENDING CAUSE			1	3	2
COVID-19				85	153
ALS					2
EPILEPSY					1
GANGRENE					2
MYELODYSPLASTIC SNYDROME					2
SEIZURE					1
UNKNOWN					15
TOTAL	960	902	867	933	1101

The types of cancer were also broken down into addition categories to give a better spectrum of the cancers that have occurred in Jefferson County General Health District.

BREAKDOWN OF CANCER TYPES FOR THE PAST FIVE YEARS

TYPES	2017**	2018	2019	2020	2021
LUNG	65	73	48	67	63
BREAST	10	8	12	8	6

COLON	15	11	16	10	19
PROSTATE	9	7	5	6	9
MELANOMA	4	1	4	1	2
LIVER	9	7	7	15	11
PANCREAS	14	22	22	19	17
BLADDER	4	4	5	2	12
LEUKEMIA	4	5	4	7	1
LYMPHOMA	6	10	5	4	5
OVARIAN	4	6	3	5	7
BRAIN	3	8	5	4	9
OTHER	44	21	13	11	7
MYELOMA		4	7	1	5
UTERINE		1	3	3	0
RENAL		5	6	4	3
BOWEL		1	0	0	0
GASTRIC		4	2	2	4
RECTAL		1	5	6	4
THYROID		1	0	1	0
ESOPHAGEAL		5	7	3	6
BONE		1	1	1	2
GALL BLADDER		2	0	0	1
CERVICAL			4	0	4
LARYNX			1	2	1
THROAT			0	2	2
TESTICULAR				1	0
FACE					1
PELVIC					1
PERITONEAL					0
UNKNOWN				2	6
TOTAL	191	208	185	187	208