



Annual Snapshot 2022

A Message from the Health Officer:

The St. Joseph County Department of Health had an outstanding year in 2022. We achieved—and in most instances surpassed—each of the goals and nearly every objective of the Department’s four-year strategic plan. The activities of the Department, as described in this annual report, set a high standard for local health departments throughout the State of Indiana.

In addition to satisfying all statutory requirements, the Unit leaders and their staff implemented a number of innovative and highly successful programs designed to reduce health disparities and health inequities and promote better health throughout the County. Noteworthy activities include:

- Community health workers’ efforts to connect low-income residents with needed resources
- The weekly refugee screening clinic that enabled multiple refugees, particularly individuals and families fleeing persecution in Afghanistan and Ukraine, to pursue a healthy start in the county
- A partnership with Women’s Care Center to reduce infant and maternal mortality
- An innovative initiative to document the prevalence of adverse childhood experiences in the county and to intervene with measures that nurture resiliency
- Collaboration with service providers and advocates to reduce the number of unhoused people
- A productive immunization team that administered more non-COVID vaccines than in any previous year
- A year-long effort to plan a behavioral crisis response facility, including coordinating the input of multiple institutional partners
- Protecting the community from a myriad of communicable diseases and health burdens.

The Department proved to be highly fiscally responsible. We increased our reserve by nearly \$2 million dollars, right-sized the Department by eliminating some positions, and ended the year in the black for the first time in many years.

Respectfully,

Robert Einterz, M.D.

Our Organization



OUR VISION

Healthy People in a Healthy St. Joseph County

OUR MISSION

To promote physical and mental health and facilitate the prevention of disease, injury, and disability for all St. Joseph County residents



Board of Health

The Board of Health sets policy and oversees the Department of Health. It is composed of community members appointed by the County Commissioners; or, when the Commissioners fail to act, by the County party Chairperson.

Back (L-R) - Marcellus M. Lebbin, J.D, John W. Linn, Michelle A. Migliore, DO, Ilana T. Kirsch, M.D., FACOG, Ellen Reilander, J.D, Heidi Beidinger -Burnett, PhD, MPH; President of the Board, Jason Marker, M.D.; Vice President of the Board

Administration

Health Officer— Robert M. Einterz, M.D.
Deputy Health Officer— Mark D. Fox, M.D., PhD, MPH
Executive Administrative Assistant— Jennifer Parcell
Finance Manager— Amy Ruppe

Health Officer

Robert M. Einterz, M.D.

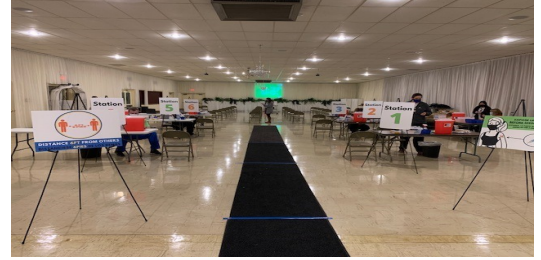
The Health Officer is the chief executive of the department of health. Dr. Einterz was appointed health officer in February 2020. He created a 4 year strategic plan to minimize the morbidity and mortality associated with local health conditions, risk factors, and the magnitude of local disparities.

Deputy Health Officer

Mark D. Fox, M.D., PhD, MPH

Dr. Fox was appointed deputy health officer in 2018. His work is focused on community health improvement initiatives, including health equity, lead poisoning prevention, immunizations, infant mortality, and health promotion.

Our Organization: Units and Staff



Environmental Health
 Director—Mark Espich
 Assistant Director—Brett Davis
 Administrative Assistant—Pam Thompson
 Staff Assistant—Melanie Martinez
 Environmental Health Specialists—
 Briannah McCall; David Ekkens; Jeff Murawski;
 Jessica Dilling; John Engstrom; Josiah
 Hartman; Kara Dishman; Patrick Sovinski

Vital Records
 Director—Ericka Tijerina
 Assistant Director—Denise Kingsberry
 Registrars—
 Angelica Macedo
 Katie Mesaros
 Kimyon Woods-Holt

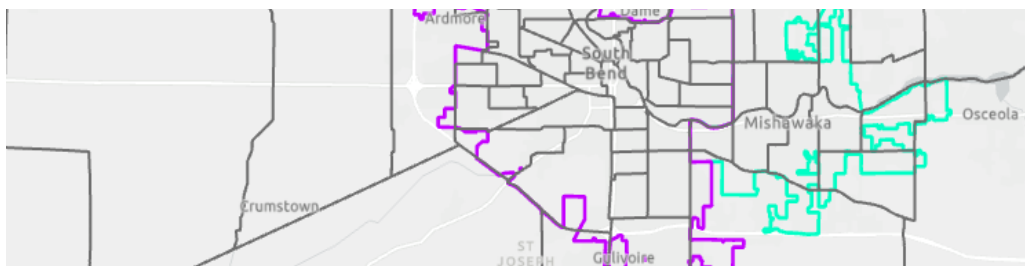
Nursing
 Director of Nursing—Jodie Pairitz
 Immunizations Coordinator—Shelley Chaffee
 Registrars—Ana O-Torres; Fran Woodcox; Loida
 Acosta; Paula Sulentic
 Disease Investigation Specialists—Danielle Sims;
 Renata Williams
 Nurses—Abigail Maxwell; Ashley Helman; Barbara
 James; Lauren Gunderson; Lori Montgomery;
 Stephanie Swanson



**Health Outreach,
 Promotion, & Education**
 Director—Robin Vida
 Maternal Infant Health Coordinator—Sally
 Dixon
 Health Promotion Specialist—Kristen Sachman

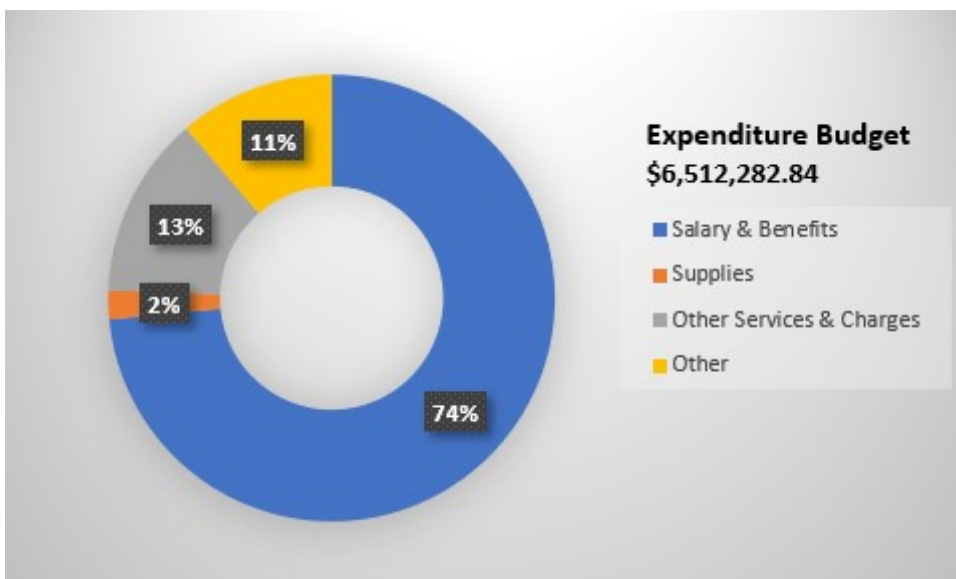
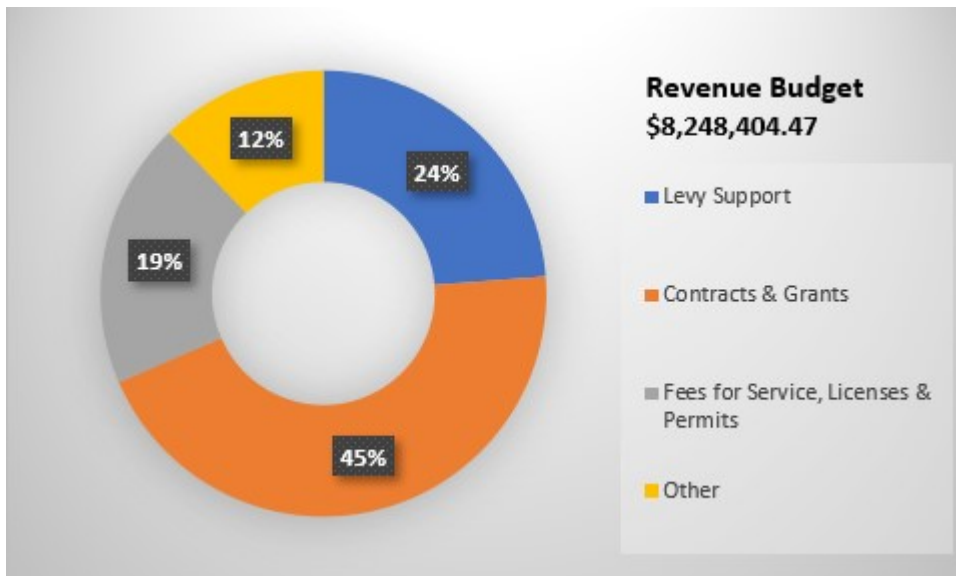
**Emergency
 Preparedness/
 Congregate Outreach**
 Public Health Coordinator— Harry
 Gilbride

Food Services
 Director—Carolyn Smith
 Assistant Director—Karen Teague
 Administrative Assistant—Sarah DeFreeuw
 Staff Assistant—Sharyl Smith
 Food Safety Inspection Officers—Jacob Parcell; Jamie
 Young; Kaitlyn Hammes; Lynette Wesby; Melissa Papp



**Health Equity,
 Epidemiology, & Data**
 Director—Cassy White, MPH
 Assistant Director—Taylor Martin, LCSW
 Administrative Assistant—Amy Schnick
 CHWs Coordinators—Jael Jackson; Jonathan Carmona
 CHWs—Cathy Escobedo; Clara Davis; Jessica Robinson; Kim Dreibelbeis; LaRhonda Hosea; LaShawna Love;
 Mellisa Elissetche; Mercedes Lopez; Rafael Lemus; Savannah Hardy; Tracina Chism-Fikes; Veronica Escobedo
 PACEs Coordinator—Frank Spesia Public Health Associate—Dominique Quartararo
 Data Analysts—Mary Wachira; Peter Duffey

Financials



Environmental Health Unit



SOUTH BEND RANGE CLEANUP

The Environmental Health Unit discovered 76 barrels of hazardous chemicals in the unsecured former South Bend Range factory on the west side of South Bend, and was able to get the Indiana Department of Environmental Management and the US EPA to take action quickly. The facility is now better secured and the barrels have been sampled and staged for removal/disposal in the first part of 2023.

PERMITS

There were 821 well and septic system permits issued in 2022. St. Joseph County has more septic systems than any other county in Indiana. In 2022 there were over 5 times as many permit applications received for residential replacements/repairs than there were residential new construction systems.

VECTOR CONTROL

The Environmental Unit's Vector Control program collected 198 mosquito traps in 2022, and tested 7,015 mosquitoes split amongst 195 pools for West Nile Virus. An additional 11,832 mosquitoes split amongst 172 pools were sent to the Indiana Department of Health for arboviral testing. In all, there were 30 West Nile Virus-positive mosquito pools detected in 2022, the third highest in Indiana and the highest annual number in St. Joseph County history.

NUMBERS AT A GLANCE

- Lead risk assessments: 73
- Septic inspections/consultations: 983
- Wellhead Protection Area inspections: 131
- Conducted 114 massage establishment inspections and 49 tattoo/body piercing establishments
- 1,039 complaint responses regarding housing:
 - Pests
 - Cleanliness
 - Water shutoff
 - Waste disposal
- Processed 5,278 Property Transfer applications
- Sent 482 Orders of Abatement

Nursing Unit



IMMUNIZATIONS

In 2022, the Nursing Unit implemented several changes to enhance capacity and increase access to our services, including the addition of bilingual registrars, additional mobile clinics serving the Hispanic population, and increasing the opening hours for our different clinics. Partnering with area schools, we worked to improve compliance with the state-mandated immunization requirements for school-aged children.

TUBERCULOSIS (TB)

The nurses and disease investigation specialists provide directly observed therapies (DOTs) and case management for active and latent infected tuberculosis patients. The patients receive free medication for treatment through the State. The team also provides education and contact tracing for anyone potentially exposed. In 2022, the team managed 12 active cases, 1,461 DOTs, and had 324 home visits. One of the unit member won the Excellence in TB Prevention and Care from the State.

PUBLIC HEALTH NURSING

The nurses and disease investigation specialists investigated 792 cases of communicable diseases that resulted in 639 confirmed cases. Hepatitis C continues to be the primary disease of concern in the county. In addition, the team managed 528 animal bites reports and worked with 107 bites specimens to follow up on post exposure rabies vaccine.

NUMBERS AT A GLANCE

- Immunizations Provided: 12,328
- Number of Individuals Immunized: 7,583
- Mobile Clinics Conducted: 83
- Active TB Case Management: 12
- Directly observed therapies (DOT) Visits by TB Nurses: 1,461
- Nurse Visits by TB Nurses: 324
- Investigated 792 cases of communicable diseases
- Lead Managed Cases (>4.9µg/dL): 41
- Lead Monitoring Cases (3.5 to 4.9µg/dL): 162

Health Outreach Promotion and Education



MENTAL HEALTH (SUBSTANCE USE & SUICIDE PREVENTION)

The HOPE team distributed 2,500 Narcan doses to local law enforcement, the EMS, Schools, Behavioral Health, MAT Providers, and other community providers. The unit created a strategic workplan to improve the epidemiology and surveillance of substance use disorder, treatment, and recovery; and supported the writing of the county's suicide prevention grant. The unit was awarded a NACCHO grant to mentor two local departments of health on substance use disorder, data equity, community engagement, and strategic partnerships.

MATERNAL/INFANT HEALTH

The unit's Fetal Infant Mortality Case Review (FIMR) team reviewed 29 cases of infant deaths and 14 cases of stillbirth from 2021 and 2022 and made recommendations. The team designed the "Give Your Baby Room to Breathe" campaign to create awareness and education on sleep related Sudden Unexpected Infant Death.

In collaboration with the Community Action group the unit conducted the first 'Achieving Birth Equity Conference' that brought together over 200 participants through the sponsorship from 25 partners. This team hosted 6 'Sharing Pregnancy and Birth Stories' health series to dialogue on what would improve pregnancy, birth, and parenting experiences in our community. The Birth Equity Policy and Legislation group advocated for and informed work on maternal infant health related policies at the state and national levels.

CREATING A CULTURE OF PUBLIC HEALTH

The HOPE team worked with local artists to create 4 additional videos highlighting the departments' efforts and initiatives. The unit director became the school liaison to all school districts in the county and collaborated to improve student health.

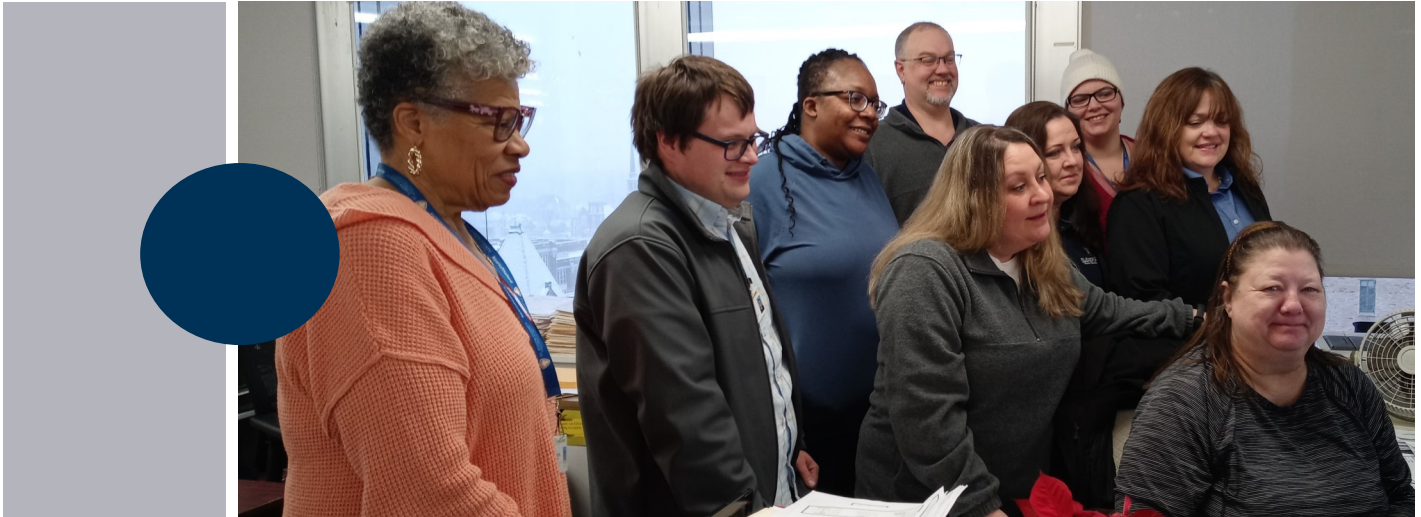
NUMBERS AT A GLANCE

- 2,500 doses of naloxone and 150 wound-care kit distributed to community agencies
- 20 Opioid/Narcan trainings
- Death by suicide – 43
- Collaborated with local health partners to review 43 fetal infant mortality cases
- 174,941 accounts on Social Media interacted with our messages
- 44,684 Facebook page visits

Overdose Deaths



Food Services Unit



FOOD SERVICES

Food inspectors promote safe food handling practices, preventing food borne illnesses, and protect consumer health. Inspections are designed to assess a business’s compliance with sanitation regulations, gauge its staff’s knowledge of safe food handling requirements and provide regulatory oversight to food establishments. The complexity of an operation’s menu and the extent of its preparation methods determine the frequency of establishment inspections. In 2022, the unit conducted unannounced inspections to 2,453 retail entities and 599 temporary food vendors.

AQUATICS

The Food Services Unit also conducts the inspection for 166 permitted public/semi-public pools/spas. Pool/spa inspections ensure clean and sanitary operations and maintenance of facilities and include the pool/spa facility review. A pool or spa may be required to close when disinfectant concentrations are either over the maximum or below the minimum ppm limits, in case of failed and/or missed bacteriological water samples, or a combination of these factors. There were 67 pool closings in 2022.

CONTINUOUS LEARNING

The Food Services staff utilized multiple opportunities for continued learning through virtual training, webinars and in-person workshops. The learning experiences enhanced knowledge and inspection skills, promoted professional development, and offered exposure to national food industry leaders.

NUMBERS AT A GLANCE

- Retail Inspections : 2,453
- Perfect Inspection certificates: 699
- Opening Inspections: 152
- Service Complaints: 205
- Food Store Complaints: 27
- Smoking Complaints: 2
- Abatement Correspondence: 16
- Establishments Ordered Closed: 1
- Temporary Events: 234
- Temporary Inspections: 599
- Possible Food Borne Illness Investigations: 8
- Fire Investigations: 10
- Completed Pool Inspections: 145
- Pools Closed: 67
- Pool Complaints: 3

Vital Records Unit



BACKGROUND

St. Joseph County Vital Records provides services for birth and death events that occurred in the county. Services available from this unit include establishing paternity in-office with an affidavit, making minor corrections to birth records, recording legal name and gender changes, court ordered paternity, and genealogy. Vital Records services are accessible from the South Bend and Mishawaka offices and through online requests.

DATABASE UPDATE

DRIVE (Database for Registering Indiana's Vital Events) continues to evolve in providing enhanced security, efficiency, and accuracy of records throughout the state. In DRIVE, users can collaborate on a single platform with optimal performance.

REAL ID ACT

Once again, the Real ID Act has been postponed. The new date is scheduled for May 7, 2025. From this date, all states and territories will require residents to present the REAL ID issued license, ID, or other accepted ID (passport) to access federal facilities and commercial aircrafts.

NUMBERS AT A GLANCE

- Total Births: 3,973
- Total Deaths: 3,356
- Births Records Issued: 14,326
- Deaths Records Issued: 18,912
- Corrections/Amendments: 40
- Paternity Affidavits: 54
- Paternity Copy: 80

Emergency Preparedness Unit



EMERGENCY PREPAREDNESS

The Public Health Coordinator participated in meetings related to Health Care Coalition District 2, District 2 Local Health Departments, Local Emergency Planning Commission and with community partners in healthcare, public safety, and emergency preparedness. These meetings are designed for training, preparation, and coordination of emergency scenarios across agencies. The unit trains new staff on emergency preparedness and coordinates with emergency coordinators from the Indiana Department of Health (IDOH) to keep the Emergency Training, Exercise Plans, and the Emergency Operations Plan up to date.

MOBILE CLINIC

The unit received a new mobile clinic. This upgraded mobile clinic eased the work of the Nursing immunization unit toward reaching residents in different parts of the county. The mobile clinic has also increased efficiency in the lead testing events conducted by the community health workers. The public health coordinator lead the training on the new mobile clinic and oversaw the decommissioning of the old vehicle for auction.

NUMBERS AT A GLANCE

- Distributed over 45,000 rapid COVID-19 tests to community members and community partners
- Distributed over 5,000 personal protective equipment (PPE) items including gloves, face masks, hand sanitizer, etc. to community partners

Emergency Preparedness Unit



CONGREGATE OUTREACH

The public health coordinator serves as the Congregate Outreach Coordinator and works with the homeless shelters and in-patient rehabilitation centers to address the health needs of unhoused individuals and individuals residing in congregate settings. The unit leader assists in establishing quarantine spaces and protocols, monitoring individuals in quarantine, educating service providers and residents on relevant health and safety matters, conducting mobile clinics, and providing tests and PPE supplies to shelters, in-patient rehab, and soup kitchens.

WASH WEDNESDAYS AND SENIOR SUDS NIGHT

The Wash Wednesday program is created in partnership with Burton's Laundry for unhoused individuals to wash their clothes for free, every other Wednesday. The public health coordinator manages and monitors this program.

In 2022, the Wash Wednesday program expanded and established a Senior Suds Night to serve seniors on fixed incomes, every other Tuesday. This expansion was realized through the involvement of new local partners like Christ the King and Clay Church Food Pantry. The Senior Suds Night invites individuals aged 55 and above to the Burton's Laundry, to wash and dry their clothes for free. On this visit, the seniors are also provided with detergent and a packed meal.

NUMBERS AT A GLANCE

- Collaborated with 20 community organizations
- Oversaw 5,698 laundry wash loads for the Wash Wednesday program
- Completed 2,127 laundry wash loads for the Senior Suds Night

Health Equity, Epidemiology, & Data



COMMUNITY HEALTH WORKERS (CHWs)

The CHW programs are designed to reduce health disparities and improve community wellbeing, primarily by engaging residents around health priorities and assisting them in accessing health resources. The CHWs respond to Social Needs Assessments (SNAs) that residents complete online or through community partners. The HEED Unit has 3 CHW programs: CDC-CHWs, Lead CHWs, and the Maternal/Infant Health (MIH) CHWs.

In 2022, **eight CDC-CHWs** were focused on twelve census tracts with the highest social vulnerability index. The CHWs build relationships with residents in these census tracts, provide resource connections, insurance navigation, COVID-19 testing, and conduct health cafes to identify pressing community health needs. The CDC-CHWs received 327 SNAs, assisting 203 individuals who requested assistance and providing 265 resources. The CDC-CHWs team assisted 111 residents in applying for insurance. They also connected those ineligible for insurance to health providers and specialists offering sliding-scale services.

The **Lead CHWs** work with families to provide community-based lead screenings, lead education, lead case management and monitoring, and addressing social needs for families with children with elevated blood lead levels (EBLL). In 2022, the team worked with 203 lead referrals. This team works closely with the Nursing and Environmental Health units to ensure families receive all needed services.

NUMBERS AT A GLANCE

- Conducted 327 Needs Assessments
- Lead Referrals: 203
- 10 children received Lead Test after CHW home visit
- Provided insurance assistance to 111 County Residents
- Conducted 21 Lead Screening sessions in Daycares, and tested 183 children
- Conducted 45 monthly health cafés in the census tracts

Health Equity, Epidemiology, & Data



The **MIH CHWs** are embedded within the Women’s Care Center (WCC) to provide insurance navigation, resource referral, and connection to prenatal care for pregnant persons. Clients are referred to the MIH CHWs by WCC counselors when it is identified that a client needs insurance or other social resources. Since May 2022, the MIH CHWs have worked with 155 clients. Out of these, 64 were first pregnancy, and 96 were classified as high risk due to current or past medical complications. The MIH CHWs received 155 SNAs reporting 271 social needs. The MIH CHWs assisted 106 individuals in applying for or switching insurance to a pregnancy plan.

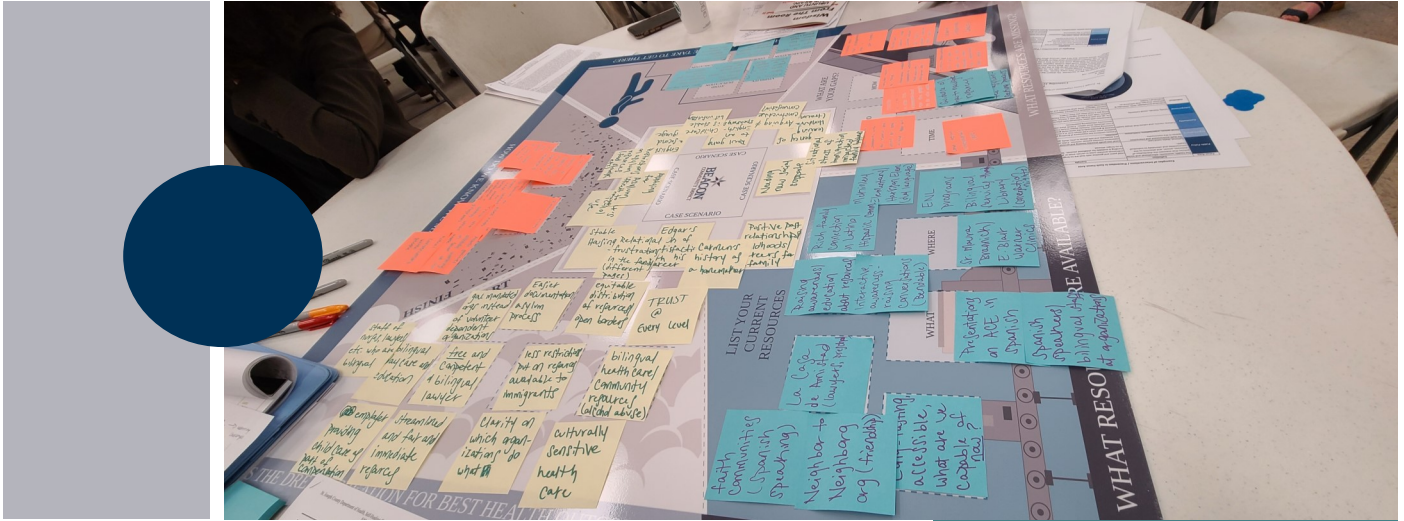
DATA ANALYSIS AND REPORTING

In 2022, 17 projects were underway within the REDCap (Research Electronic Database Capture) database. These projects facilitated communication between the community and the department through customer satisfaction surveys, information requests, social needs assessments, and other tools. The REDCap instruments provide insights into the services of the Department that can better assist community members and improves rapport between the residents and CHWs. Automated alert systems increase efficiency and consistency in oversight and accountability, enhance speed and accuracy of data management and analysis, and allow for the department to understand the evolving needs of the community more quickly. The use of REDCap was made possible through a partnership with the Regenstrief Institute and Indiana University. In September, the DoH applied for and received its own REDCap license.

NUMBERS AT A GLANCE

- Supported 155 pregnant clients
- Assisted 106 pregnant individuals in insurance navigation
- Gained REDCap license to support documentation, accountability, and data analysis
- Managed 17 projects through REDCap
- Produced the first data and evidence driven county health equity report

Health Equity, Epidemiology, & Data



Positive Childhood Experiences (PCEs) are a set of seven experiences that can mitigate the harms of Adverse Childhood Experiences (ACEs) and improve health outcomes throughout the life course. The seven PCEs are different types of relationships and supports that individuals may be exposed to during childhood.

The department developed a PCEs survey to assess the prevalence of PCEs among adolescents in St. Joseph County. The mean PCE score was four, and 75% of the respondents had five or fewer PCEs. The DoH was awarded two separate planning grants totaling \$75,000 to address the intersection of ACEs, suicide, and overdose. In 2022, these funds were used to support PACEs Day, an event that brought together local providers in healthcare, mental health, education, and social services. Additional planning funds have supported the development of a strategic plan to address ACEs, suicide, and overdose between the HEED and HOPE units.

Future efforts to address PACEs will be collaborative and data driven. The PCEs survey is an opportunity to efficiently collect data that is local and actionable. Pairing these PCEs data with additional measures to assess the risk for suicide and overdose will give the DoH powerful insights into both the risk and protective factors at play in our community. These data will be used to inform new partnerships and programs intended to minimize the risk factors, strengthen the protective factors, and ultimately decrease the rates of suicide and overdose in St. Joseph County.

NUMBERS AT A GLANCE

- Awarded \$75,000 in grants for ACEs, suicide, and overdose prevention
- Assessed PCEs for 820 adolescents in one middle school and two high schools in St. Joseph County
- Convened 75 professionals from 35 local providers in healthcare, mental health, education, and social services for PACEs Day

Multi-unit Lead Abatement



Environmental lead is harmful to the physical, mental, and social development of young children. While there is no safe level of lead in the blood, in July 2022, the Indiana Department of Health lowered the reference threshold for blood lead levels from 10 $\mu\text{g}/\text{dL}$ to 5 $\mu\text{g}/\text{dL}$. Any confirmed result of 5 $\mu\text{g}/\text{dL}$ and above is enrolled in case management until there are two consecutive levels below 5. Results between 3.5 – 4.9 $\mu\text{g}/\text{dL}$ are monitored until the level drops to below 3.5 $\mu\text{g}/\text{dL}$.

In 2022, we implemented a coordinated response to better integrate the services of our Nursing, Environmental Health, and Health Equity, Epidemiology & Data units. The Disease Investigation Specialist receives all blood lead testing results, creates case investigation documents, and assigns cases to the Community Health Workers or Public Health Nurses for confirmation, monitoring, or case management. In 2022, the team worked with 203 lead referrals.

The Lead Community Health Workers (Lead CHWs) work with families to provide community-based lead screenings, lead education, case management and monitoring, and to address the social needs for families of children with elevated blood lead levels (EBLL). The CHWs also work to ensure that confirmatory testing occurs within the recommended timeframe. The Environmental Health Specialist conducts lead risk assessments in all the homes where a child has elevated lead blood levels. The team provides families with testing kits and resource guide on ways to reduce lead exposure in homes. Coordination among these units helps ensure that families receive all recommended services for children with EBLLs.

NUMBERS AT A GLANCE

- Lead Referrals: 203
- Lead Managed Cases (>4.9 $\mu\text{g}/\text{dL}$): 41
- Lead Monitoring Cases (3.5 to 4.9 $\mu\text{g}/\text{dL}$): 162
- 32 unreachable and unconfirmed Lead referral cases
- 10 children received Lead test after CHW home visit
- 21 Lead screening events in Daycares, and tested 183 children
- 73 home Lead risk assessments

Annexes:

Finance

Overview of Revenue and Expenditures

	2020	2021	2022
County Health Fund Revenue	\$3,048,961.68	\$3,468,867.48	\$5,529,274.92
County-Wide Lead Initiative Revenue	\$200,000.00	\$0	\$201,058.12
Grant Revenue	\$396,887.39	\$1,868,121.14	\$2,518,071.43
TOTAL REVENUE	\$3,645,849.07	\$5,336,988.62	\$8,248,404.47
County Health Fund Expenditures	\$3,100,681.85	\$3,518,924.87	\$3,693,682.30
County-Wide Lead Initiative Expenditures	\$21,257.55	\$135,357.88	\$253,185.48
Grant Expenditures	\$695,717.04	\$1,167,108.71	\$2,565,415.06
TOTAL EXPENDITURES	\$3,817,656.44	\$4,821,391.46	\$6,512,282.84

NOTE: The increase in the County Health Fund revenue is due to the Indiana Department of Health (IDoH) submitting to insurances for reimbursements on our behalf for the COVID-19 vaccines we administered and salary recovery we received from four different grants.

Environmental Health Unit

Work Activities	2020	2021	2022
SEPTIC PROGRAM			
Residential - New Construction			
A. Inspections	154	180	200
B. Consultations	16	29	14
Residential - Replacement			
A. Inspections	871	683	666
B. Consultations	53	87	56
Commercial			
A. Inspections	30	12	33
B. Consultations	8	6	13
C. Cluster System Inspections	5	18	1
Abandonments without Replacements	130	44	38
Permit Applications Received	758	589	480
Permits Issued	609	495	455
Public Information Events	2	3	1
SUBDIVISION PROGRAM			
A. Health Officer Reports	40	48	28
B. Subdivision Reviews	56	55	39
C. Rezoning and Replat Reviews	8	10	8
WELLHEAD PROGRAM			
A. Inspections Performed	125	114	131
WELL DRILLING PROGRAM			
Residential			
A. Inspections	209	281	184
B. Well Abandonments	247	314	238
Commercial			
A. Inspections	1	1	3
B. Well Abandonment Inspections	4	4	3
New Construction			
A. Permit Applications Received	65	97	78
B. Permits Issued	69	95	77
Replacement Permits Issued	270	304	214
Public Information Events	0	0	12

	2020	2021	2022
SOURCE WATER PROGRAM			
A. Phase I Inquiries	124	191	193
B. Spill Responses	4	1	4
C. Meth Lab Occurrence Response	0	0	0
D. Other Source Water Inspections	13	16	12
SURFACE WATER PROGRAM			
A. Surface Water Sampling	0	0	0
LEAD PROGRAM			
A. HUD Lead Inspections	6	7	0
B. Lead Risk Assessments	56	45	73
EBLL Assessments	22	20	33
Parent Request	34	48	40
C. Clearances	24	23	18
D. Off-site Meetings	5	0	0
E. Public Information Events	1	1	1
Children Tested for Lead Levels*	3560	3286	3556
CAFO PROGRAM			
A. Inspections Performed	0	0	0
AIR QUALITY PROGRAM			
A. Burn Permits	**	**	70
B. Indoor Air Quality Investigations	1	0	0
C. Mold Investigations	6	0	6
VECTOR PROGRAM			
A. Inspections Performed	24	35	68
B. Sites Treated	17	9	30
C. Traps Collected	212	275	198
D. ISDH Submissions	125	323	171
E. Public Information Events	2	8	4
HEALTHY HOMES PROGRAM (Inside)			
A. Initial Complaints	152	202	181
No Water	48	37	41
Garbage/Food Waste	40	57	53
Feces	33	37	53
Rodents/Cockroaches	31	71	34

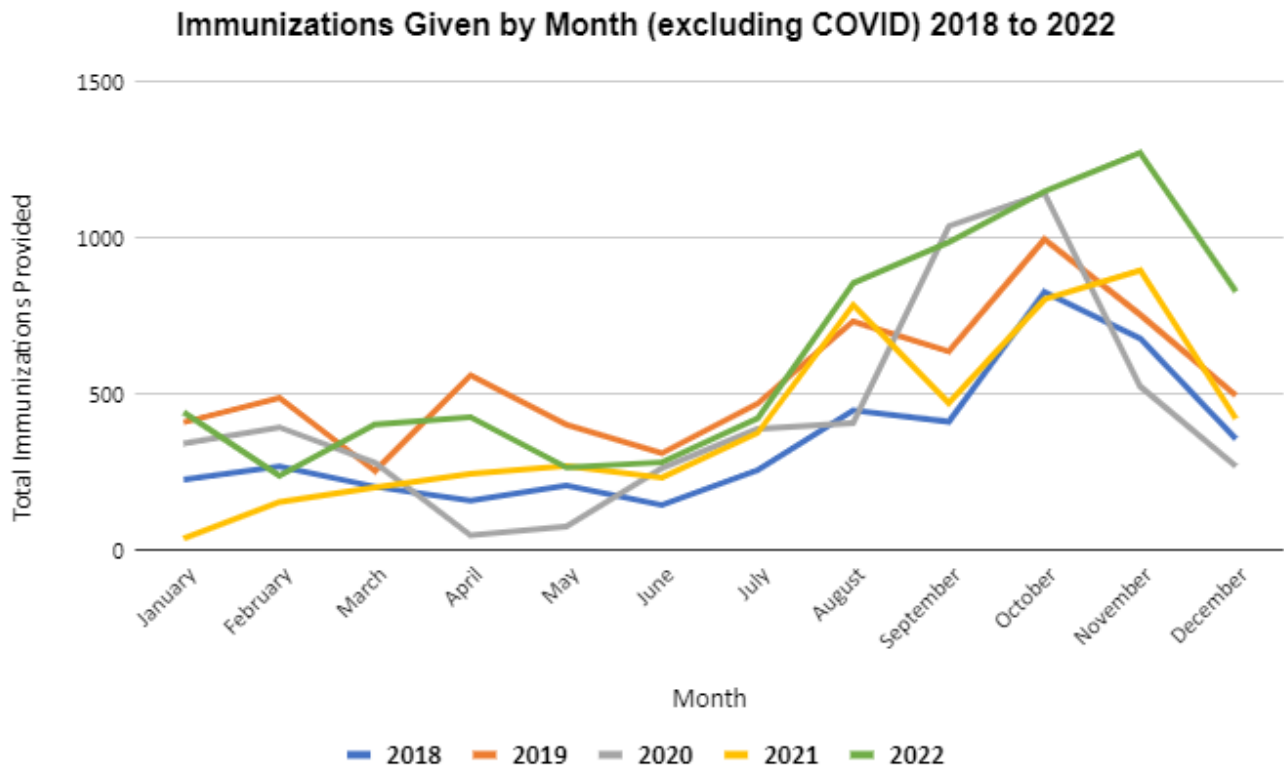
	2020	2021	2022
HEALTHY HOMES PROGRAM (Inside)			
A. Follow-up Complaints	192	161	196
No Water	90	60	93
Garbage/Food Waste	49	58	66
Feces	45	26	26
Rodents/Cockroaches	25	17	11
B. Dwellings Declared Unfit	13	22	28
MESSAGE			
A. Establishment Inspections	70	78	114
TATTOO/BODY PIERCING PROGRAM			
A. Inspections Performed	28	38	49
COMPLAINTS / INVESTIGATIONS			
A. Garbage/Food Waste (Outside)	93	64	132
B. Sewage	111	96	102
C. Water (ditches, lakes, ponds & swells)	4	8	4
D. Motels/Hotels	7	5	4
E. Burning	26	17	16
F. Others (campers and Recreation Vehicles-RVs)	82	153	404
ABATEMENT LETTERS			
A. Abatement Letters	174	341	394
B. Immediate Threat to Public Health Letters	4	8	13
C. Order to Vacate/Condemn Letter	12	31	41
D. Impending Legal Action Letters	22	35	34
SUBSURFACE INVESTIGATIONS			
A. Internal	0	0	29
B. External	0	0	0

* Due to time lag of State Database System, the Lead testing numbers are one month behind.

**No data collected on Burn Permits during this time frame.

Nursing

Immunizations



Total Immunizations (including COVID)					
	2018	2019	2020	2021	2022
January	228	411	343	3979	2046
February	270	490	395	9621	615
March	205	255	282	23136	680
April	160	562	49	21644	682
May	209	403	78	10974	505
June	147	312	265	5691	621
July	258	471	390	1375	660
August	449	734	409	1600	1093
September	413	638	1039	1331	1253
October	828	998	1144	2278	1595
November	679	756	526	3989	1565
December	358	497	271	4237	1020
Total	4204	6527	5191	89855	12335

Tuberculosis			
	2020	2021	2022
TST Placed	361	338	348
TST Positive	11	5	11
Active Cases	5	12	12

Communicable Disease Surveillance						
	2020		2021		2022	
Condition	Started	Confirmed	Started	Confirmed	Started	Confirmed
Anaplasmosis			<5	0		<5
Animal Bites	598	598	752	752	417	413
Babesiosis	0	0	<5	0	0	0
Botulism (Infant)	<5	0	0	0	0	0
Campylobacteriosis	49	35	83	20	17	12
Candida auris, clinical	<5	<5	0	0		6
Carbapenemase producing Carbapenem Resistant (CP-PRE)	8	<5	15	7	40	21
Coccidioidomycosis	<5	<5	0	0	0	0
Cryptococcus neoformans	<5	<5	<5	<5	0	0
Cryptosporidiosis	10	5	7	6		<5
Dengue	<5	<5	<5	0	0	0
EEE (Encephalitis)	0	0	<5	0	0	0
Ehrlichiosis	0	0	<5	1	0	0
Giardiasis	14	12	9	9	10	0
Hemophilus influenzae, invasive	5	<5	8	5	<5	<5
Hepatitis A, acute	37	0	14	<5	<5	<5
Hepatitis B, Chronic	33	9	50	8	38	13
Hepatitis B, acute	<5	<5	5	<5	<5	<5
Hepatitis C, Perinatal	<5	0	<5	0	<5	0
Hepatitis C, acute	7	<5	<5	<5	<5	<5
Hepatitis C, Chronic	208	79	168	77	112	57
Hepatitis E	<5	0	<5	0	0	0
Histoplasmosis	16	<5	12	<5	6	<5
Influenza-Associated Death	<5	<5	6	6		8
Influenza-Associated Pediatric Mortality					<5	<5
Legionellosis	15	7	22	12		7
Listeriosis	<5	<5	0	0	0	0
Lyme disease	60	31	95	14	35	22

Meningococcal Invasive Disease (Neisseria)	0	0	<5	<5	0	0
Multisystem Inflammatory System (MIS)						
Monkeypox	0	0	0	0	9	<5
Mumps	<5	0	6	0	0	0
Paratyphoid Fever	0	0	<5	<5	0	0
Pertussis (Whooping Cough)	7	0	9	<5	<5	0
Psittacosis (Ornithosis)					<5	0
Q-Fever (Coxiella Burnetii Infection)	<5	0	<5	0	0	0
Rocky Mountain Spotted Fever	<5	0	<5	0	0	0
Rubeola (Measles)	0	0	5	0	0	0
Rubella (Measles)	<5	0	0	0	0	0
Salmonellosis, excluding S. typhi and S. paratyphi	17	11	25	20	12	9
Severe Staph (Previously Healthy person)	0	0	<5	0	0	0
Severe Acute Respiratory Syndrome (SARS-CoV)	0	0	0	0	<5	0
Shiga toxin-producing Escherichia coli (STEC)	<5	<5	7	0	<5	<5
Shigellosis	0	0	6	<5	<5	
Strep pneumoniae, invasive	20	19	34	33	39	39
Streptococcal disease, invasive, Group A	12	10	25	15	22	22
Toxic Shock Syndrome Streptococcal (STSS)	0	0	<5	<5	0	0
Tularemia	<5	0	0	0	0	0
Typhus Fever	0	0	<5	0	0	0
Unknown Vector Zoo	0	0	<5	0	0	0
Varicella (Chickenpox)	29	<5	47	5	22	<5
West Nile Virus Non-Invasive Disease	0	0	<5	0	0	0
Yersiniosis	<5	<5	0	0	<5	0
Zika Virus Infection, Non-Congenital	0	0	<5	0	0	0
Total	34456	22985	1445	1013	28815	18136

Food Services

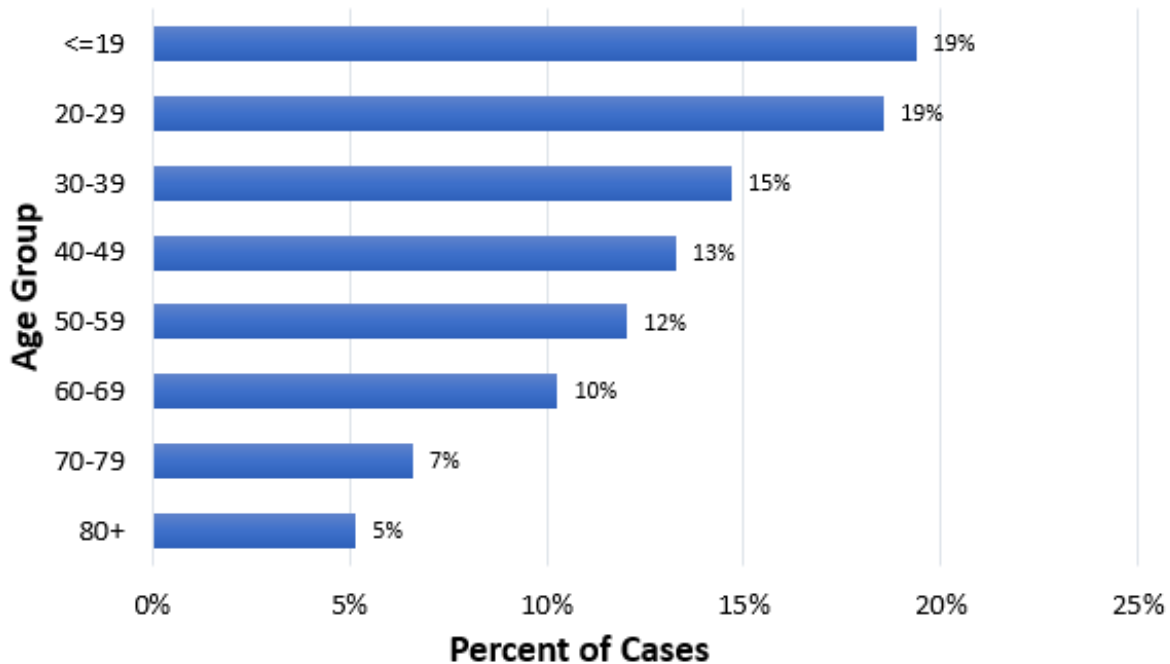
Food Division	2020	2021	2022
Complaints - Food Service	396	218	205
Complaints - Food Store	99	39	27
Certificates of Perfect Inspection	380	513	699
Abatement Correspondence	13	19	16
Health Officer Hearings	0	4	1
Number of Opening Inspections	113	171	152
Retail Inspections Completed	2798	2172	2453
Establishments Ordered to Cease Operations	0	2	1
Temporary Events	261	305	234
Temporary Inspections	115	388	599
Possible Food Borne Illness Investigations	5	15	8
Smoking Complaints	7	5	2
Fire Investigations	2	9	10
Pool Information			
Number of Inspections	97	170	145
Consultations	32	1	0
Pool Complaints	3	5	3
Closings	42	78	67
Staff Development			
Meetings and Trainings (Total in Hours)	***	***	***

*** Information not tracked in this format due to reporting system change.

COVID-19 Summary

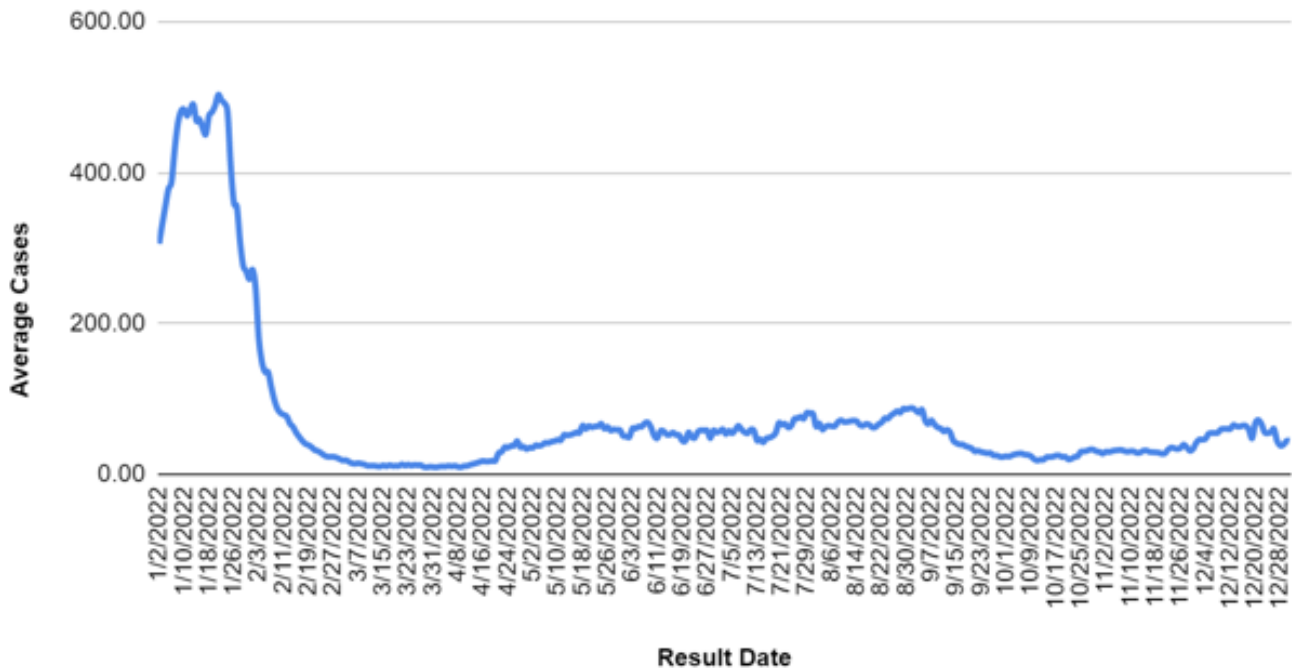
2022 Summary Data	
Total Cases in St. Joseph County	26,980
Percent of County Residents Infected	10%
Cases per 100,000 Residents	9,958
Deaths	202
Percent of County Residents who completed Primary Series	61.4%
Number of Residents—Bivalent booster uptake	37,710
Percent of Residents—Bivalent booster uptake	13.8%

Percent of Cases by Age Group, 2022



COVID-19 Summary

SJC COVID Cases 7-Day Average, 2022



Deaths due to COVID by Month, 2022

