

Annual Snapshot 2023



Dear Residents and Visitors of St Joseph County,

The Department of Health (DOH) has had a year of transitions and growth. There has been changes to the department's structure and leadership, its vision and mission, as well as increased opportunities offered through new funding by Health First Indiana.

As you can see in the report the overall activity of the DOH has increased in 2023, with increased services, outreach events, social needs assessment, and completions of inspections and permits. This work is expected to improve and expand. The DOH received \$3,293,255.46 from Health First Indiana funding out of which \$973,755.46 will be allocated to 19 community partners to improve the overall health of our community. The decision to allocate a little under a third of our funding to community partners reflects our commitment to partnership and supporting the work of those who are improving the overall health of our community. The remainder of the funding will be used to improve and strengthen the work of the DOH. It will allow for innovative new programs to address school health, maternal and child health, mental health, obesity-related chronic conditions, cancer prevention, radon, and lead poisoning to highlight a few.

As we move into 2024, I am excited about the new initiatives we will begin and the strategic plan that outlines the path for improvement over the next four years. In addition, the DOH has restructured the organization work chart to reflect our mission and streamline responsibilities for new programs that we will be offering the county. We plan to continue to strengthen the DOH's position as a source of unbiased public health knowledge with increased transparency and resources for the community. In addition, the DOH looks forward to increasing community engagement and partnerships to share information, resources, evidence-based practices, and data to improve the health of our community.

I am honored to have the opportunity to be the St. Joseph County Health Officer and I am grateful to lead the excellent staff and team we have at the DOH to further serve the community. I will leave you with our new mission statement: *"To promote health and wellness with compassion and integrity through partnerships, education, protection, and advocacy for all who reside in and visit St. Joseph County."*

To a fantastic and healthy 2024!

With gratitude,

A handwritten signature in black ink, appearing to read "Diana Purushotham", is written over a light blue horizontal line.

Diana Purushotham
Health Officer

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

Board of Health

The Board of Health sets policy and oversees the Department of Health. It is composed of community members appointed by the mayors of South Bend Mishawaka, County Commissioners and County Council.

(L-R) - L-R Marcellus Lebbin, Counsel, Elizabeth Lindenman, MD, Michelle Migliore, DO – Vice President, John Linn, P.E. – President, Robert Hays, MD, Jill Kaps VanBruaene, Ellen Reilander, Esq., Kristin Vincent, CNM



Administration

Health Officer– Diana Purushotham, M.D. (July 2023-current)
 Joseph Cerbin, M.D. (March-July 2023)
 Robert M. Einterz, M.D. (until March 2023)
 Deputy Health Officer– Mark D. Fox, M.D., PhD, MPH (until July 2023)
 Administrator– Amy Ruppe
 Data Analyst(s)- Brandon Gary, Peter Duffy
 Executive Administrative Assistant– Jennifer Parcell



Health Officer

Diana Purushotham M.D.

(July 24, 2023–Current)

Joseph Cerbin M.D.

(March 31, 2023-July 24, 2023)

Robert M. Einterz M.D.

(February 2020–March 31, 2023)

The Health Officer is the chief executive of the department of health. Dr. Purushotham brings a passion for health education and disease prevention to the Department.



Deputy Health Officer

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

(August 28, 2018-July 21, 2023)

The Deputy Health Officer supports the chief executive of the department of health. His priority areas were lead, infant mortality, and immunizations.

Our Organization: Units and Staff



Environmental Health

Director—Mark Espich
 Assistant Director—Brett Davis
 Administrative Assistant—Melanie Martinez, Pam Thompson (5/31/23)
 Staff Assistant—Jozie Mikel, Melaine Martinez (05/31/23)
 Environmental Health Specialists—Stephan Sass; Amelia Lyczynski; Brianna McCall; David Ekkens; Jeff Murawski; Jessica Dilling; Josiah Hartman; Kara Dishman; Patrick Sovinski; Katey Myers, John Engstrom (8/22/23)
 Vector Specialist—Bradley Johnson (08/10/23)

Nursing

Director—Jodie Pairitz
 Administrative Assistants—Gina Frendenburg (11/08/23), Donna Hurley (12/29/23)
 Registrars—Ana Otero-Torres, Fran Woodcox, Loida Acosta, Paula Sulentic, Marisol Cruz-Casteneda
 Immunization Nurses—Mary Pickens (01/30/23), Delores Williams, Barbara James, Stephanie Swanson, Elaine Flemming, Abigail Maxwell;
 Public Health Nurses—Lauren Gunderson; Ashley Helmen, Lori Montgomery
 Disease Investigation Specialist(s)—Danielle Sims, Micaela Enright

Health Outreach, Promotion, & Education

Director—Robin Vida
 Health Promotion Specialists—Kristen Sachman
 Maternal/Infant Coordinator—Sally Dixon (06/20/23)



Food Services

Director—Carolyn Smith
 Assistant Director—Karen Teague
 Administrative Assistant—Sarah DeFreeuw
 Staff Assistant—Sharyl Smith
 Food Service Specialists—Jacob Parcell; Jamie Young, Kaitlyn Hammes, Lynette Wesley, Melissa Papp

Vital Records

Director—Ericka Tijerina
 Assistant Director—Denise Kingsberry
 Registrars—Angie Weatherspoon, Katie Mesaros, Lisa Murray, Kimyon Woods-Holt (07/20/23)

Emergency Preparedness

Public Health Coordinator—Jenna Rose, Harry Gilbride (06/07/23)

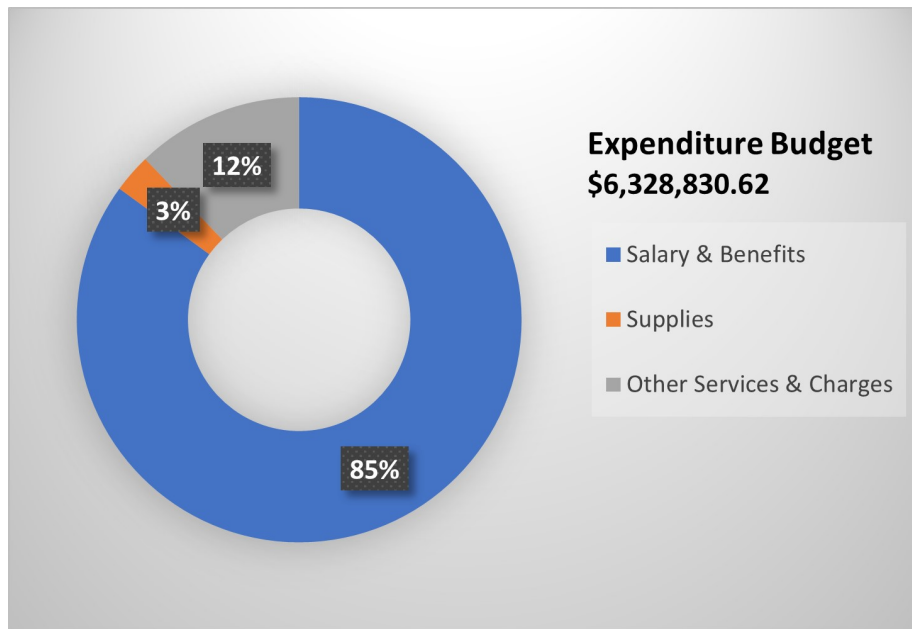
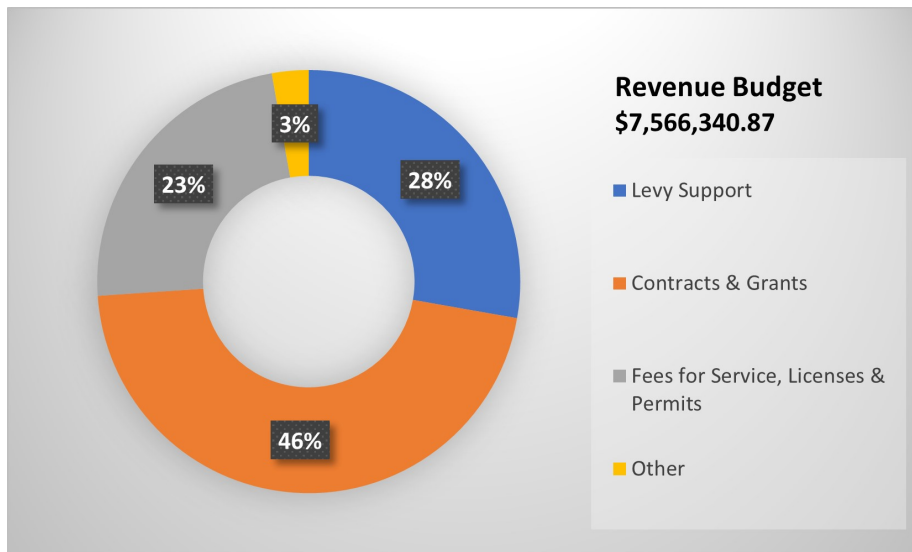


Health Equity, Epidemiology, & Data

Director—Cassy White (06/02/23), Renata Williams
 Assistant Director—Taylor Coats (06/02/23), Alissa Balke
 Administrative Assistant—Amy Schnick
 PACEs Coordinator—Frank Spesia (07/05/23)
 Data Analyst—Mary Wachira (07/31/23)
 Health Promotion Specialist—Tiffany Chukwuma
 Perinatal/Prenatal Lead Program Coordinator—Nancy Coiro

Community Health Worker Coordinator(s)- Savannah Hardy (06/02/23); Jael Jackson (08/10/23); Jonathan Carmona
 Community Health Workers: Andrea Romo; Andrea Tobar (Safety PIN); Cathy Escobedo (Safety PIN); Jessica Robinson; Kim Dreibelbeis; LaRhonda Hosea; LaShawna Love; Maria (Melissa) Elissetche; Mercedes Lopez; Rafael Lemus; Veronica Escobedo; Tracina Chism-Fikes (Safety PIN) (05/26/23); Clara Davis (06/16/23); Sherrie Selmon (12/04/23)

Financials



Environmental Health Unit



CONTAMINATION CLEANUPS AND MONITORING

The Environmental Unit has been an instrumental partner in facilitating the ongoing clean up of the former South Bend Range factory on South Bend's west side. Additionally, the Environmental Unit has been monitoring and working towards rectification of two areas of sodium chloride groundwater contamination. Multiple properties were added to the Wellhead Protection Program, where the Department of Health routinely performs inspections within certain distances of municipal water supply wells.

PERMITS

There were 861 well and septic system permits issued in 2023. Only 15% (128) of those permits were for well and/or septic abandonments, meaning there remains a high demand for and high risk for our groundwater.

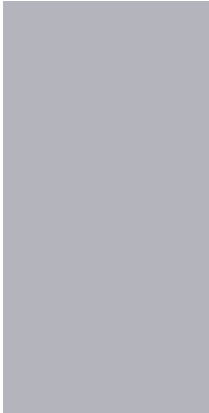
VECTOR CONTROL

The Environmental Unit's Vector Control program refined operations for better efficiency, and in turn, collected 277 mosquito traps in 2023, and tested 13,589 mosquitoes split amongst 315 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 a record-setting 153 West Nile Virus-positive mosquito pools detected in 2023. However, due to rapid response and interventions, there were no human cases detected.

NUMBERS AT A GLANCE

- Conducted 117 lead risk assessments
- Conducted 1,035 septic inspections/ consultations
- Conducted 152 Wellhead Protection Area inspections
- Conducted 94 massage establishment inspections and 47 tattoo/body piercing establishments
- 951 complaint responses regarding housing:
 - Pests
 - Cleanliness
 - Water shutoff
 - Waste disposal
- Processed 4,341 Property Transfer applications
- Sent 518 Orders of Abatement

Nursing



IMMUNIZATIONS

The mobile team had a busy 2023. The Mobile Team got our online scheduling system, Phreesia, up and running so that patients could pre-register for mobile clinics by using a QR code printed on the flyers used to advertise upcoming clinics. The Team saw patients of all ages, from babies at the BABE Store to seniors in assisted living facilities. We worked closely again with the school systems to get students up to date on their required immunizations. The mobile team worked with new partners in the community including South Bend Parks, Boys & Girls Club, and AIDS Ministries. The Mobile Unit partnered with Beacon Community Impact and REAL Services to assist with grants they each had to help people get immunized. The Regular Immunization Clinics in both South Bend and Mishawaka continue to be open five days a week and we are seeing on average 12-18 patients per day in our busiest season. The clinic also provided travel consults along with appropriate vaccines for international travel. All of the clinics received new refrigerators and freezers to replace older models.

TUBERCULOSIS (TB)

The TB team provides directly observed therapy (DOT) and case management services for active and latent infected tuberculosis patients. Patients who get medication through the Saint Joseph County Department of Health receive them free of charge. Our team also assists the refugee clinics with state requirements in regard to Tuberculosis and works closely with Class B's to fulfill CDC requirements. In addition, the team provides education and contact tracing for anyone potentially exposed. In 2023 we began offering a new service at our clinic called a QuantIFERON Gold Plus (TB blood test) at an affordable price of \$35.

PUBLIC HEALTH NURSING

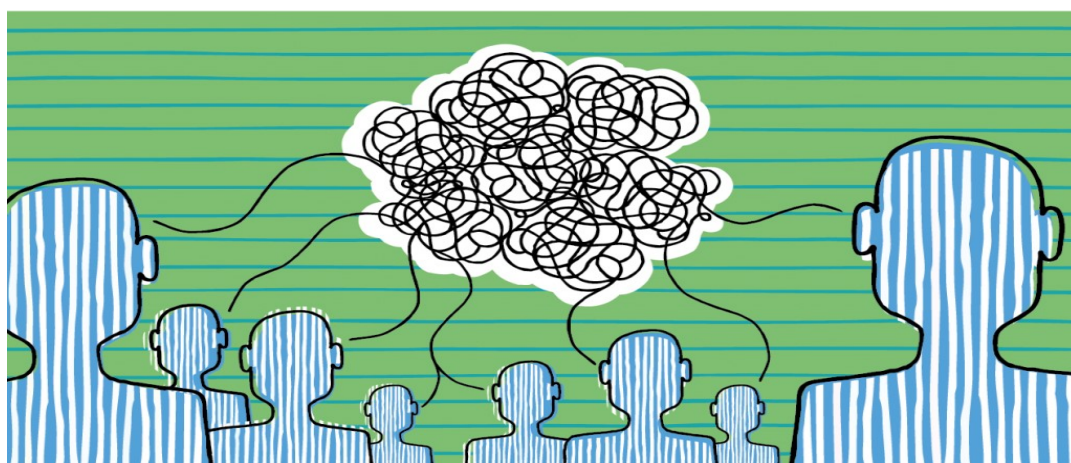
In our Nursing Unit, the Lead Disease Investigation Specialist receives all elevated blood lead levels (EBLLs) from the Indiana Department of Health and assigns each case to either a Public Health Nurse or a Community Health Worker to investigate. Public Health Nurses and Community Health Workers provide case management services for children under the age of 7 with confirmed lead levels greater than 5 µg/dL. In 2023, the team received 272 monitoring (3.5 – 4.9 µg/dL) and unconfirmed cases and 58 case management cases (≥ 5 µg/dL).

Public Health Nursing has also assisted with over 514 Animal Bites and excluding Covid-19, 1,128 Communicable Diseases cases. Since we are in the process of hiring new staff, St. Joseph County Nursing Division has had the State help investigate communicable diseases with their Local Health Department Assistance Program. The goal for 2024 will be to take all of St. Joseph Counties' cases back to investigate locally. As with everything, the Nursing Division looks forward to helping the resident's of St. Joseph County get the needed resources and education to prevent the spread of infectious disease.

NUMBERS AT A GLANCE

- Mobile Clinics Conducted: **113**
- Immunizations Provided: **5,110**
- Number of Individuals Immunized: **3,657**
- Active TB Case Management: **3**
- Directly observed therapies (DOT) Visits by TB Nurses: **376**
- Nurse Visits by TB Nurse: Lauren Gunderson RN and Danielle Sims, Disease Investigation Specialist (DIS): **352**
- Lead Managed Cases (>5ug/dL): **58**
- Lead Monitoring Cases (3.5-4.9ug/dL): **272**

Health Outreach, Promotion, and Education



MENTAL HEALTH (SUBSTANCE USE & SUICIDE PREVENTION)

In 2023, we received two NACCHO grants focused on 1) Health Equity in Addressing Overdose Response and 2) Addressing the Intersection of ACEs, Suicide, and Overdose. Through our efforts to address overdose response, we had the opportunity to mentor a community in Ohio and a community in Wisconsin on their overdose prevention efforts. Grant funds have allowed for the expansion of access to Naloxone across the county. Addressing the intersection of ACEs, suicide, and overdose allowed us as a Department to coordinate partnerships to create a community-focused action plan on addressing risk and protective factors to reduce overdose and suicide by addressing trauma.

MATERNAL/INFANT HEALTH

In 2023, the HOPE team, through Maternal Infant Health Initiatives, continued work towards ensuring the conditions of optimal births for all people and to eliminate racial and social inequities in a sustained effort. Our FIMR program transitioned to Beacon Community Impact in September 2023 as they were awarded the state funding.

The Fetal Infant Mortality Case Review (FIMR) Team: Studied 9 cases of infant loss and 2 cases of stillbirth from 2022 and 2023. In the Spring of 2023, we released our 2023 report on data from 2017-2021 and is available [here](#). Our reviews were less than 2022 due to staff turnover. Our Community Action Workgroups engaged in the following activities and initiatives based on the recommendations from the FIMR Case Review which led us for the first part of 2023 and was committed to planning a mental health educational workshop for maternal health providers at University of Notre Dame. Over 60 providers and clinical staff attended a training session featuring Dr. Camila Arnaudo.

HEALTH COMMUNICATIONS

The HOPE team completed 386 total requests for health communications (see chart for breakdown). Requests were either for website, social media, or printed (flyers, one-pagers, etc.).

Numbers at a Glance

- 3,000+ doses of naloxone distributed to community partners and members
- 50 wound-care kits distributed to treatment housing & street medicine outreach

Overdose & Suicide

Deaths

- 97 (Preliminary) overdoses
- 45 suicides

FIMR Reviews

- Reviewed 11 infant and fetal death cases.

Health Communication

Requests

Unit	Total Requests
Administration	12
CARE	138
Environmental	68
Food Service	12
HOPE	38
Immunization	86
Nursing	14

Food Services Unit



FOOD SERVICES

As agents of the Indiana Department of Health, our Food Safety Inspection Officers (FSIO) are responsible for ensuring that all who reside in and visit St Joseph County enjoy safe, sanitary, honestly prepared and presented food. Food establishments are inspected to assess its staff's overall understanding and compliance with food safety rules and sanitation requirements. The 3,441 routine plus 638 temporary inspections performed, in 2023 represent a 46.8% combined increase over the 2,452 routine and 599 temporary inspections completed in 2022. The prevention and reduction of foodborne illness is always the main goal of any inspection.

TEMPORARY EVENTS

Among last year's 234 temporary events were several celebratory activities held in conjunction with Notre Dame's first home game vs HBCU Tennessee State. Highlighted that weekend were First Friday food vendor sales, Saturday morning tailgating & evening Bar Crawl, plus a Sunday morning Fun Fest. Several out of town food vendors participated in these historic weekend's first time events.

On September 9th-10th, the City of South Bend transformed one of its park venues to host Fusion Fest. This two-day multicultural celebration featured vendors offering authentic cuisine from five global regions of the world. The entire food inspection staff was on hand to conduct inspections.

AQUATICS

2023 totals reflect an increase in pool closures due to changes in how and where collected data was recorded which resulted in totals being reported more smoothly. Facilities required to closed between inspections, due to a series of unsatisfactory bacteriological reports, accounts for some of the increase in closures. Additionally, since COVID, many facilities report higher maintenance staff turnover, resulting in a decreased level of monitoring and correction of disinfectant concentration issues.

NUMBERS AT A GLANCE

- Retail inspections: 3,441
- Perfect Inspection Certificates: 1,165
- Food Service Complaints: 204
- Food Store Complaints: 30
- Abatement Correspondence: 4
- Opening Inspections: 112
- Temporary Events: 267
- Temporary Inspections: 638
- Possible Food Borne Illness Investigations: 9
- Smoking Complaints: 5
- Fire Investigations: 5
- Pool Inspections: 145
- Pool Consultations: 2
- Pool complaints: 6
- Pools Closed: 123

Vital Records Unit



BACKGROUND

St. Joseph County Vital Records provides services for birth and death events that occurred in St. Joseph Co., IN. Our office offers the ability to establish paternity in office, make corrections to birth records, record legal name and gender changes, and a variety of other maintenance services. We conveniently offer two locations for services in South Bend and Mishawaka.

The purchase of a new microfilm machine was an upgrade made to improve quality services for our customers requesting older records.

DATABASE UPDATE

The Indiana State Department of Health has had continued success with the rollout of DRIVE. Birth, death, and fetal death certificates are now fully processed digitally. Continued efforts have provided additional resources for reporting and data sharing.

Numbers at a Glance

- Total Births: 4,169
- Total Deaths: 3,402
- Births Records Issued: 16,702
- Deaths Records Issued: 18,233
- Corrections/Amendments: 135
- Correction/Amendment Copy: 3
- Paternities: 78
- Paternity Copy: 99

Emergency Preparedness/Response Unit



EMERGENCY PREPAREDNESS & RESPONSE

As we re-emerged and adapted to post pandemic response, our efforts have shifted to ensuring our Emergency Preparedness and Response plans reflect realistic actions in our community. The primary focus of 2023 was to assess what was learned that worked and what didn't work of the Department of Health's response. Our Local Public Health Coordinator has worked diligently to edit and revise our All Hazards Command and Activation plan which is inclusive of our Continuity of Operations plan, Crisis Emergency Risk Communication Plan, and other appropriate annexes. The Local Public Health Coordinator also continued cultivating connections at the State and regional levels by actively participating in District 2 Local Health Department meetings and District 2 Healthcare Coalition meetings.

A focus for 2024 will be to build up our Emergency Support Function (ESF) 8 meetings and organizing quarterly tabletop exercises for Department of Health staff. We ended the year with planning for a community training on psychological first aid and planning for the solar eclipse coming in April of 2024.

Health Equity, Epidemiology, & Data



Community Health Workers

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 2023, 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 work with community partners to identify pressing community health needs.

In 2023, 907 individuals filled out an SNA requesting help for them and their family. In total, the CDC-CHWs assisted 1,933 people, connecting them to 1,298 resources. The CDC-CHWs assisted 330 residents in applying for insurance. Those who were ineligible for insurance were referred to health providers and specialists offering sliding-scale services.

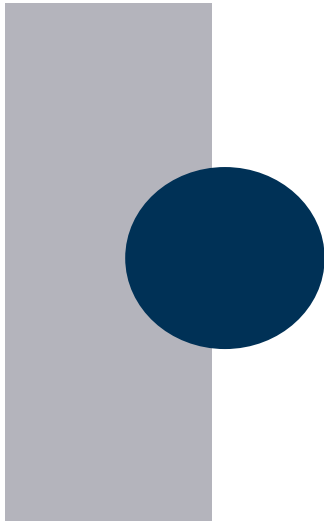
Outreach

To broaden the awareness and impact of our programs, the CDC and Lead CHWs regularly engage in community outreach. Outreach efforts include lead awareness events, attending community events, canvassing, and recurrent partner site visits. In 2023, CHWs participated in 1,537 outreach activities.

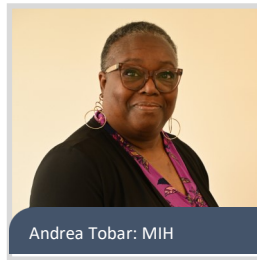
Numbers at a Glance

- Conducted **907** Needs Assessments
- Provided insurance assistance to **330** St. Joseph County Residents
- Provided social support resources to **1,298** St. Joseph County Residents.
- Participated in **1,537** outreach activities.

Health Equity, Epidemiology, & Data (MIH)



Cathy Escobedo: MIH



Andrea Tobar: MIH



Jessica Robinson: CDC-CHW

The **Maternal/Infant Health 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 they identified that a client needs insurance or other social resources. Since May 2022, the MIH CHWs have worked with 238 clients. Out of these, it was the first pregnancy for 120 clients. 89 clients were classified as high risk due to current or past medical complications. In total, the MIH CHWs received 238 SNAs reporting 364 social needs and assisted 136 individuals in applying for or switching insurance to a pregnancy plan.

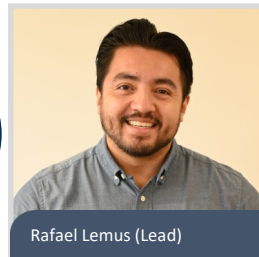
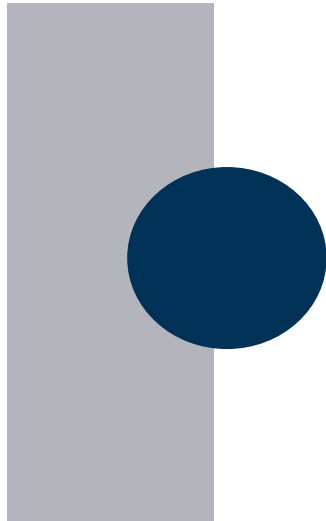
DATA ANALYSIS AND REPORTING

In 2023, 25 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 also provide insight into Department operations to improve our service for community members. Automated alert systems increase efficiency and consistency, improve accountability, enhance speed and accuracy of data management and analysis, and allow for the department to adapt to the evolving needs of the community.

Numbers at a Glance

- Supported **238** pregnant clients
- Assisted **136** pregnant individuals in insurance navigation
- Managed **25** projects through REDCap

Health Equity, Epidemiology, & Data (Lead)



The **Lead Community Health Workers** (Lead CHWs) work with families to provide community-based lead screenings, education, case management and monitoring, and solutions for the social needs of families that have children with elevated blood lead levels (EBLL).

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, mitigation strategies depend on the EBLL value. 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 $3.5\mu\text{g}/\text{dL}$.

The Department of Health continued to strengthen our multidisciplinary response to childhood lead poisoning through coordination with the Nursing and Environmental Health Units. The process begins when a Disease Investigation Specialist receives blood lead testing results and creates case investigation documents. They then assign the cases to the Community Health Workers or Public Health Nurses for confirmation, monitoring, or case management.

The CHWs work to ensure that confirmatory testing occurs within the recommended timeframe. The Environmental Health Specialist conducts lead risk assessments in the homes of children with elevated lead blood levels. The team provides families with testing kits and resource guides on ways to reduce lead exposure in homes and will continue to monitor the family until the case is closed. Coordination among these units helps ensure that families receive all recommended services for children with EBLLs. In 2023, this team worked with 330 lead cases.

Numbers at a Glance

- Lead Cases: **330**
- Lead Managed Cases (> $4.9\mu\text{g}/\text{dL}$): **216**
- Lead Monitoring Cases (3.5 to $4.9\mu\text{g}/\text{dL}$): **58**
- **56** unreachable and unconfirmed Lead referral cases
- **40** Lead screening and educational events and tested **265** children
- **117** home lead risk assessments

Annexes:

Environmental Health

	Difference 2023 vs 2022	2023	2022	2021	2020
SEPTIC PROGRAM					
Residential - New Construction					
A. Inspections	-3.0%	194	200	180	154
B. Consultations	-28.6%	10	14	29	16
Residential - Replacement					
A. Inspections	17.1%	780	666	683	871
B. Consultations	-64.3%	20	56	87	53
Commercial					
A. Inspections	-15.2%	28	33	12	30
B. Consultations	-84.6%	2	13	6	8
C. Cluster System Inspections	0.0%	1	1	18	5
Abandonments without Replacements	13.2%	43	38	44	130
Permit Applications Received	10.0%	528	480	589	758
Permits Issued	3.1%	469	455	495	609
Public Information Events	0.0%	1	1	3	2
SUBDIVISION PROGRAM					
A. Health Officer Reports	25.0%	35	28	48	40
B. Subdivision Reviews	59.0%	62	39	55	56
C. Rezoning and Replat Reviews	-87.5%	1	8	10	8
WELLHEAD PROGRAM					
A. Inspections Performed	16.0%	152	131	114	125
WELL DRILLING PROGRAM					
Residential					
A. Inspections	-4.9%	175	184	281	209
B. Well Abandonments	-5.5%	225	238	314	247
Commercial					
A. Inspections	0.0%	3	3	1	1
B. Well Abandonment Inspections	66.7%	5	3	4	4
New Construction					
A. Permit Applications Received	10.3%	86	78	97	65
B. Permits Issued	-7.8%	71	77	95	69
Replacement Permits Issued	19.2%	255	214	304	270
Public Information Events	-91.7%	1	12	0	0
SOURCE WATER PROGRAM					
A. Phase I Inquiries	3.6%	200	193	191	124
B. Spill Responses	-25.0%	3	4	1	4
C. Meth Lab Occurrence Response		0	0	0	0
D. Other Source Water Inspections	1108.3%	145	12	16	13

Environmental (cont.)

SURFACE WATER PROGRAM		Difference 2023 vs 2022	2023	2022	2021	2020
A. Surface Water Sampling		N/A	0	0	0	0
LEAD PROGRAM						
		Difference 2023 vs 2022	2023	2022	2021	2020
A. HUD Lead Inspections			0	0	7	6
B. Lead Risk Assessments		60.3%	117	73	45	56
a. EBLL Assessments		81.8%	60	33	20	22
b. Parent Request		42.5%	57	40	48	34
C. Clearances		283.3%	69	18	23	24
D. Off-site Meetings			12	0	0	5
E. Public Information Events		700.0%	8	1	1	1
D. Children Tested for Lead Levels*		-2.0%	3484	3556	3286	3560
CAFO PROGRAM						
		Difference 2023 vs 2022	2023	2022	2021	2020
A. Inspections Performed		N/A	0	0	0	0
AIR QUALITY PROGRAM						
		Difference 2023 vs 2022	2023	2022	2021	2020
A. Burn Permits		-15.7%	59	70	**	**
B. Indoor Air Quality Investigations			0	0	0	1
C. Mold Investigations		-33.3%	4	6	0	6
VECTOR PROGRAM						
		Difference 2023 vs 2022	2023	2022	2021	2020
A. Inspections Performed		-57.4%	29	68	35	24
B. Sites Treated		-3.3%	29	30	9	17
C. Traps Collected		39.9%	277	198	275	212
D. ISDH Submissions		157.9%	441	171	323	125
E. Public Information Events		75.0%	7	4	8	2
HEALTHY HOMES PROGRAM (Inside)						
		Difference 2023 vs 2022	2023	2022	2021	2020
A. Initial Complaints		2.2%	185	181	202	152
a. No Water		-9.8%	37	41	37	48
b. Garbage/Food Waste		9.4%	58	53	57	40
c. Feces		-1.9%	52	53	37	33
d. Rodents/Cockroaches		11.8%	38	34	71	31
B. Follow-up Complaints		-88.3%	23	196	161	192
a. No Water		45.2%	135	93	60	90
b. Garbage/Food Waste		-25.8%	49	66	58	49
c. Feces		-15.4%	22	26	26	45
d. Rodents/Cockroaches		118.2%	24	11	17	25
C. Dwellings Declared Unfit		39.3%	39	28	22	13

Environmental (cont.)

MASSAGE		Difference 2023 vs 2022	2023	2022	2021	2020
A. Establishment Inspections		-17.5%	94	114	78	70
TATTOO/BODY PIERCING PROGRAM						
		Difference 2023 vs 2022	2023	2022	2021	2020
A. Inspections Performed		-4.1%	47	49	38	28
COMPLAINTS / INVESTIGATIONS						
		Difference 2023 vs 2022	2023	2022	2021	2020
A. Garbage/Food Waste (Outside)		-14.4%	113	132	64	93
B. Sewage		11.8%	114	102	96	111
C. Water (ditches, lakes, ponds & swells)		50.0%	6	4	8	4
D. Motels/Hotels		325.0%	17	4	5	7
E. Burning		43.8%	23	16	17	26
F. Other		-63.9%	146	404	153	82
ABATEMENT LETTERS						
		Difference 2023 vs 2022	2023	2022	2021	2020
A. Abatement Letters		1.0%	398	394	341	174
B. Immediate Threat to Public Health Letters		-38.5%	8	13	8	4
C. Order to Vacate/Condemn Letter		39.0%	57	41	31	12
D. Impending Legal Action Letters		61.8%	55	34	35	22
SUBSURFACE INVESTIGATIONS						
		Difference 2023 vs 2022	2023	2022	2021	2020
A. Internal		-100.0%	0	29	0	0
B. External		N/A	2	0	0	0

Amongst all programs, the environmental unit saw a 5.6% increase in total services offered in 2023 when compared to 2022. Public service events related to the lead, and vector program all saw significant increases. Most in-spections within each respective program boast similar or greater amounts for this year compared to last.

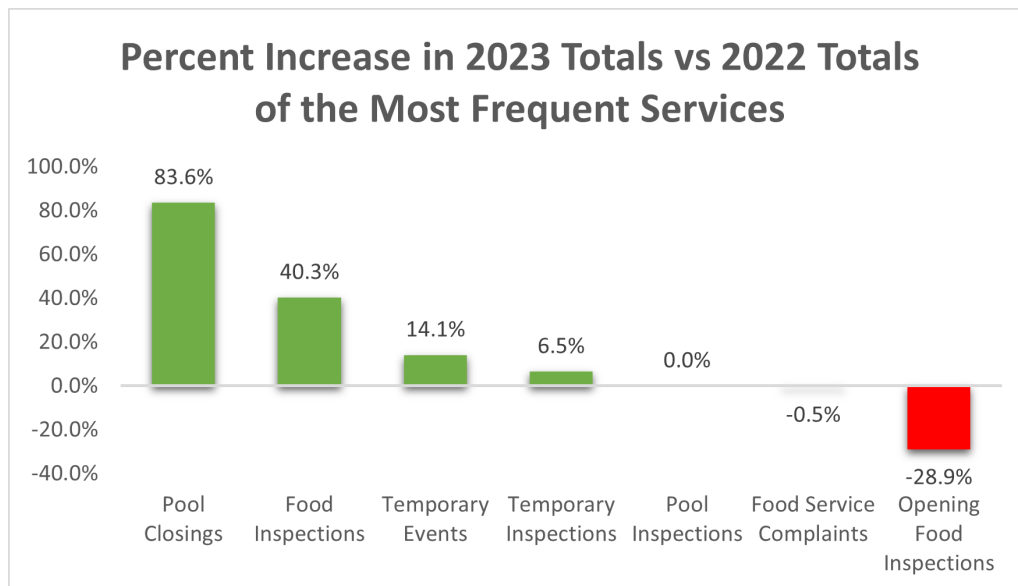
Finance

Overview of Revenue and Expenditures

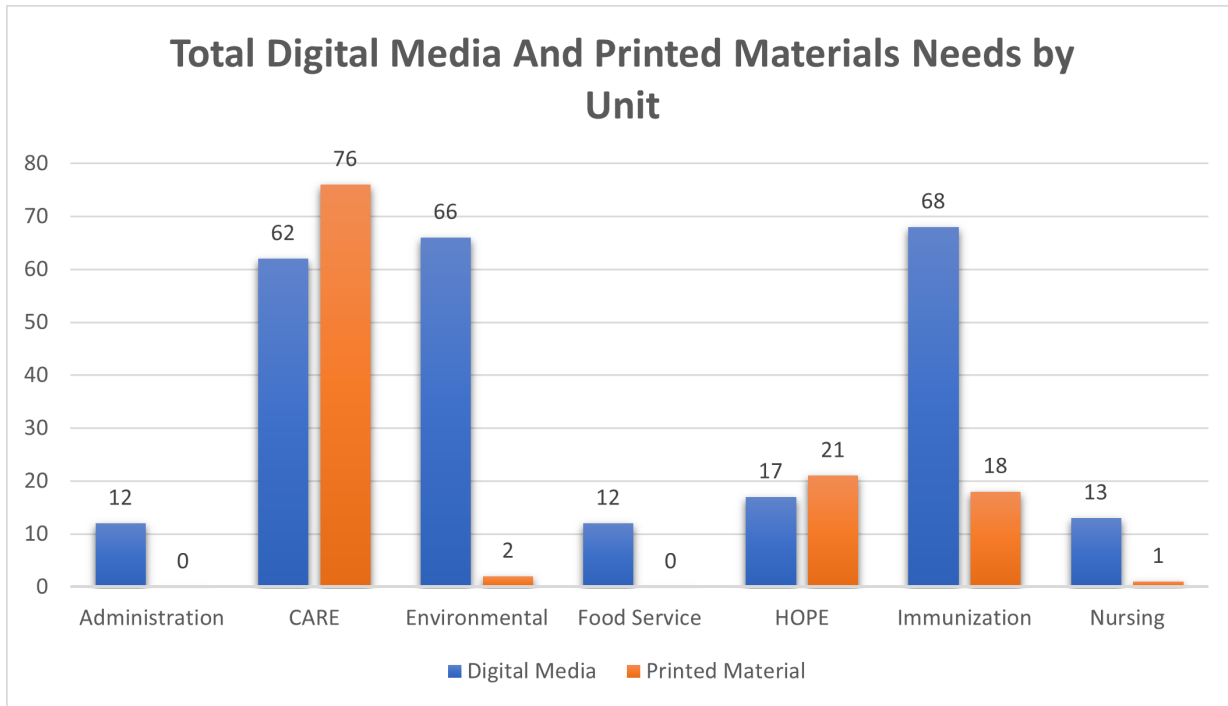
	2021	2022	2023
County Health Fund Revenue	\$3,468,867.48	\$5,529,274.92	\$4,609,147.74
County-Wide Lead Initiative Revenue	\$0	\$201,058.12	\$291,701.55
Grant Revenue	\$1,868,121.14	\$2,518,071.43	\$2,665,491.58
TOTAL REVENUE	\$5,336,988.62	\$8,248,404.47	\$7,566,340.87
County Health Fund Expenditures	\$3,518,924.87	\$3,693,682.30	\$4,053,970.60
County-Wide Lead Initiative Expenditures	\$135,357.88	\$253,185.48	\$283,542.04
Grant Expenditures	\$1,167,108.71	\$2,565,415.06	\$1,991,317.98
TOTAL EXPENDITURES	\$4,821,391.46	\$6,512,282.84	\$6,328,830.62

Food Services

	2023	2022	Difference 2023 vs 2022
Food Store Complaints	30	27	11.1%
Food Service Complaints	204	205	-0.5%
Civil Penalties	0	3	-100.0%
Heath Officer Hearings	0	1	-100.0%
Abatements Correspondence	4	16	-75.0%
Possible Foodborne Illness Investigations	9	8	12.5%
Opening Food Inspections	108	152	-28.9%
Food Inspections	3441	2452	40.3%
Plan Review New Construction Remodel	32	40	-20.0%
Fire Investigations	5	10	-50.0%
Establishments Requested To Close	0	1	-100.0%
Temporary Events	267	234	14.1%
Temporary Inspections	638	599	6.5%
Mobile Inspections	56	23	143.5%
Meetings	86	70	22.9%
Smoking Complaints	5	2	150.0%
Smoking Appeals Hearings	0	0	*
Pool Inspections	145	145	0.0%
Pool Consultations	2	0	*
Pool Complaints	6	3	100.0%
Pool Closings	123	67	83.6%

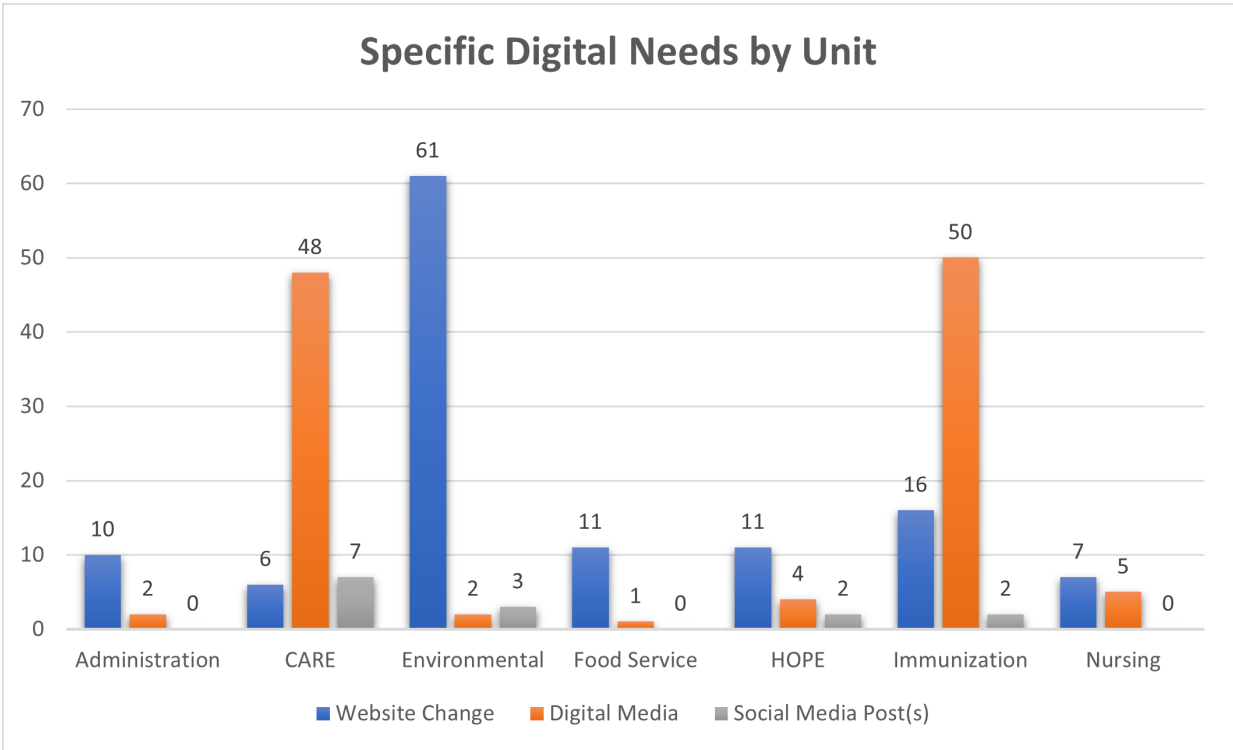
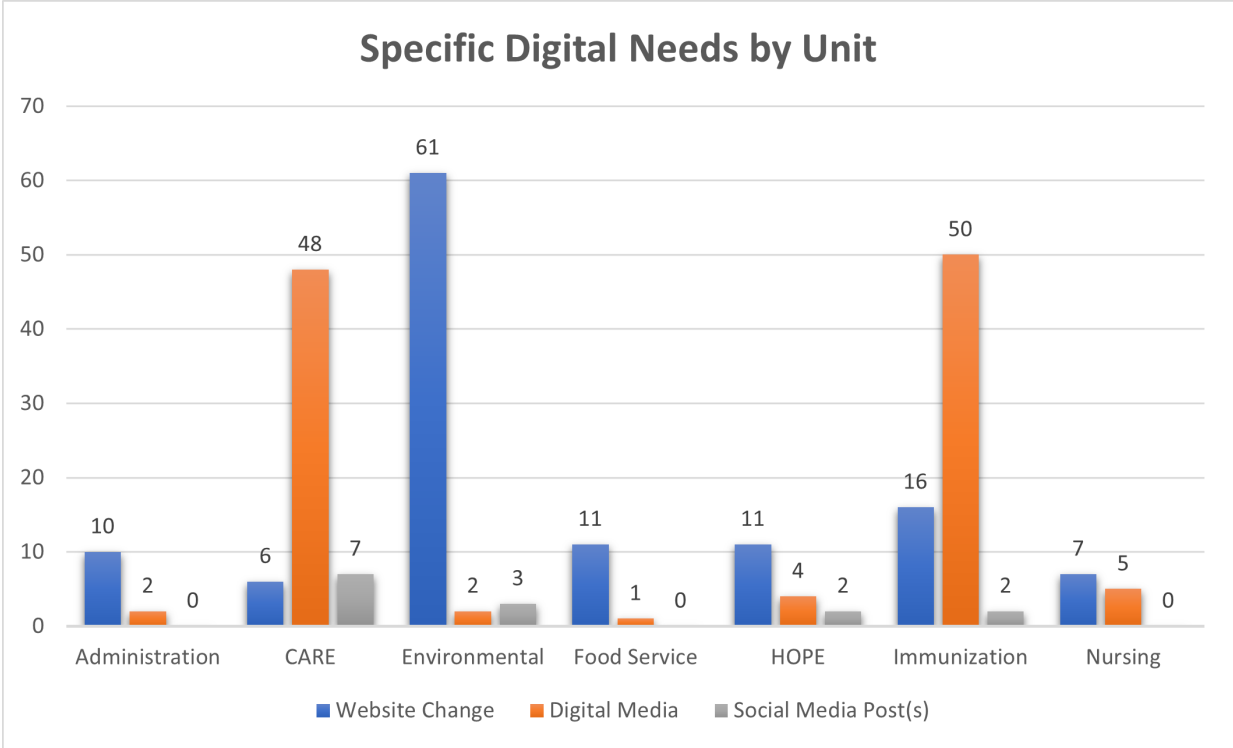


Health Outreach, Promotion, and Education (HOPE)

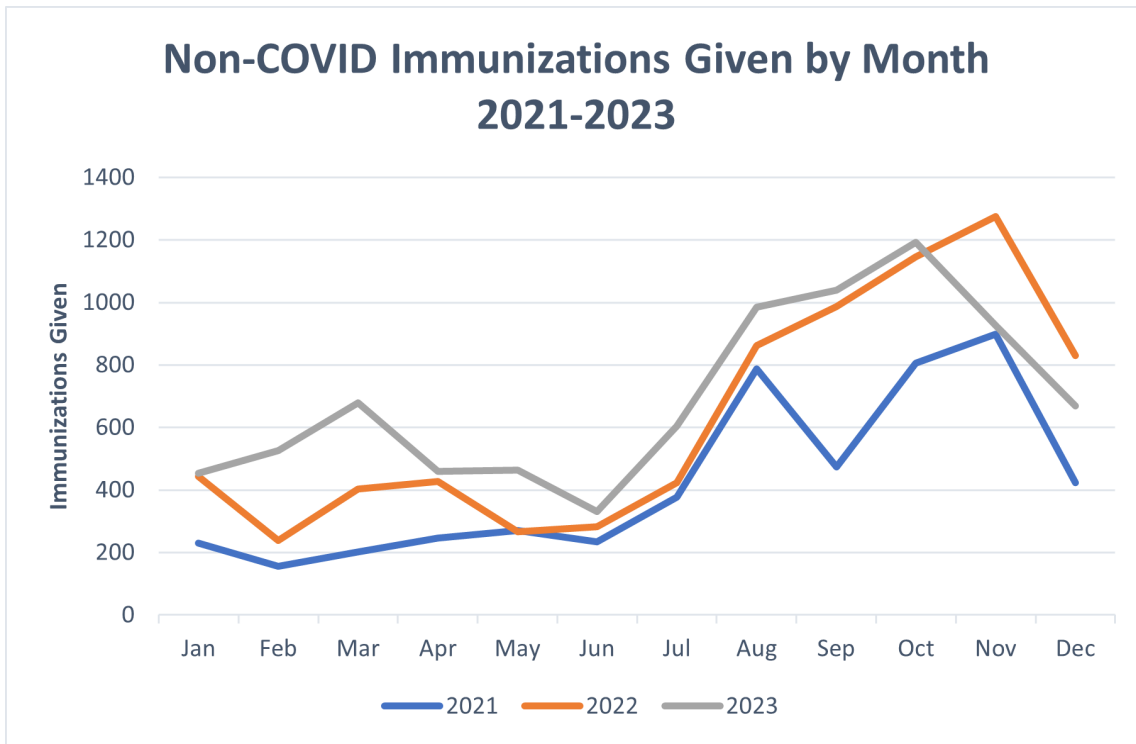


A table combining the totals for digital media and printed materials within each unit can be found in HOPE's "Numbers at a Glance" (page 8).

HOPE (cont.)



Nursing



We saw a spike in immunizations given starting in August which then decreases towards the end of the calendar year. This trend is similar in years past.

Immunizations Given Excluding Covid			
	2021	2022	2023
Jan	231	443	454
Feb	156	239	526
Mar	203	404	679
Apr	247	428	460
May	271	266	464
Jun	234	283	331
Jul	377	424	605
Aug	787	862	986
Sep	473	988	1040
Oct	805	1147	1193
Nov	898	1276	926
Dec	423	831	670
Total	5105	7591	8334

Immunizations Given Including Covid			
	2021	2022	2023
Jan	3979	2046	553
Feb	9621	615	591
Mar	23136	680	753
Apr	21644	682	567
May	10974	505	700
Jun	5691	621	345
Jul	1375	660	606
Aug	1600	1093	986
Sep	1331	1253	1040
Oct	2278	1595	1330
Nov	3989	1565	1136
Dec	4237	1020	862
Total	89855	12335	9469

*Data in the chart is also represented in this table

Nursing (cont.)

Confirmed Communicable Disease Cases 2021-2023			
Condition	2021	2022	2023
2019 Clinical Novel Coronavirus	7	13	12
2019 Novel Coronavirus	22142	17420	3019
Anaplasma phagocytophilum	<5	<5	0
Animal Bites	15	421	514
Botulism, infant	<5	0	0
CP-CRE (Retired)	<5	22	<5
Campylobacteriosis	10	9	13
Candida auris, clinical	<5	7	<5
Candida auris, colonization/screening	0	0	<5
Carbapenemase-producing organisms	0	0	8
Coccidioidomycosis	<5	0	<5
Cryptococcus neoformans	<5	0	0
Cryptosporidiosis	8	<5	5
Dengue	<5	0	0
Giardiasis	13	8	7
Haemophilus influenzae, invasive	<5	<5	11
Hepatitis A, acute	0	<5	<5
Hepatitis B virus infection, Chronic	10	13	13
Hepatitis B, acute	<5	5	<5
Hepatitis C Virus Infection, past or present	85	66	47
Hepatitis C, acute	0	<5	<5
Histoplasmosis	<5	<5	<5
Influenza-Associated Death	<5	8	8
Influenza-Associated Pediatric Mortality	0	<5	<5
Lead	104	145	52
Legionellosis	8	7	5
Listeriosis	<5	0	0
Lyme disease	30	21	20
Malaria	0	0	<5
MonkeyPox	0	<5	0
Multisystem Inflammatory Syndrome (MIS)	<5	0	0
Pandrug-resistant Organisms	0	0	<5
Pertussis	<5	<5	7

Nursing (cont.)

Reinfection of Hepatitis C Virus	0	<5	0
Salmonellosis, excluding <i>S. typhi</i> and <i>S. paratyphi</i>	13	11	14
Shiga toxin-producing <i>Escherichia coli</i> (STEC)	<5	<5	<5
Shigellosis	0	0	<5
<i>Strep pneumoniae</i> , invasive	20	39	34
Streptococcal disease, invasive, Group A	10	20	40
Streptococcal toxic shock syndrome	0	<5	0
Varicella (Chickenpox)	<5	<5	<5
West Nile virus, neuroinvasive	<5	0	0

St Joseph County saw a significant decrease in total cases of the 2019 Novel Coronavirus in 2023. The change in cases represents a decrease of 82.7% when compared to the number of cases in 2022. Additionally, only 2 communicable diseases that had less than 5 confirmed cases in 2022 had 5 or more confirmed cases in 2023.