



Executive Director's Report
JCHD Board of Trustees Meeting
April 25th, 2024

1. Recognition of Employee Achievement Award

Steven Crawford was honored by the Missouri Environmental Health Association with the Lifetime Achievement Award.

2. Employee Professional Development Day-March 21st

We held our Professional Development Day at the Hillsboro Civic Center on March 21st. It was very successful with several speakers and various topics. We appreciate Mr. Pigg giving an opening talk to the staff. I would also like to acknowledge the hard work of Brianne Zwiener and Nikki Null for putting the development day together.

3. JCHD Board elections

We are excited to have new board member, Valerie Brown Taylor, and incumbent, Amber Henry serve on the JCHD Board following their election victory in April.

4. PHEOC activation

The JCHD Public Health Emergency Operations Center has been activated at the awareness level. This activation is due to the substantial increase in measles cases. The awareness level prompts our preparedness team to review our readiness in the event we must respond to an increase of measles in the county. They review, create and edit plans for this response and work with other sections of JCHD who might be part of the response.

5. On-going Projects

1. **Strategic Planning** – Administrative staff will be meeting May 1st to develop our strategic plan.
2. **Job Descriptions** – Staff are reviewing job description and meeting with HR Tailormade to update all JCHD job descriptions. Once completed, the new descriptions will be more closely aligned with our job performance appraisals.
3. **Salary study** – Progress meeting scheduled for April 22nd.
4. **New Building Project** – we are beginning to see progress with the new building. Footings are being poured. We should have a new timeline for completion at the next Building meeting on Thursday, April 25th.



Jefferson County Health Department will champion positive health outcomes and behaviors through innovative programs and community engagement.

NEW BUILDING REPORT

April 2024

1. Footings are being poured for the building.
2. Waiting on full building permit from City of Hillsboro.
3. Furniture meeting on April 30th.
4. Architect financial report:

Contract amount:	\$719,750.00
Billed against:	<u>\$554,453.44</u>
Remaining:	\$165,296.56

77.03% of the architect contract has been completed
5. Construction financial report (no payment requests made since last report)

Contract amount:	\$7,942,300.00
Billed against:	<u>\$ 305,925.65</u>
Remaining:	\$7,636,374.35



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Public Health
Prevent. Promote. Protect.



Jefferson County Health Department will champion positive health outcomes and behaviors through innovative programs and community engagement.

Community Services Board Report- April 2024

(Analytics and Updates from March 2023)

The Community Services Department consists of our Communicable Disease Prevention Team, Environmental Public Health Team, Public Health Preparedness Planner and the Special Healthcare Needs Team. This department manages non-clinical public health programs.

Foundation of Public Health Module Areas of Capability and Expertise:

Communicable Disease Prevention:

Increase in Invasive Serogroup Y Meningococcal Disease in the United States - CDC Health Advisory, March 28, 2024

Background Meningococcal disease, caused by the bacterium *Neisseria meningitidis*, is a rare but severe illness with a case-fatality rate of 10–15% even with appropriate antibiotic treatment. Meningococcal disease most often presents as meningitis, with symptoms that may include fever, headache, stiff neck, nausea, vomiting, photophobia, or altered mental status; or as meningococcal bloodstream infection, with symptoms that may include fever and chills, fatigue, vomiting, cold hands and feet, severe aches and pains, rapid breathing, diarrhea, or, in later stages, a dark purple rash. While initial symptoms of meningococcal disease can at first be non-specific, they worsen rapidly, and the disease can become life-threatening within hours. Immediate antibiotic treatment for meningococcal disease is critical. Survivors may experience long-term effects such as deafness or amputations of the extremities.

Summary The Centers for Disease Control and Prevention (CDC) is issuing this Health Alert Network (HAN) Health Advisory to alert healthcare providers to an increase in invasive meningococcal disease, mainly attributable to *Neisseria meningitidis* serogroup Y (Figure). In 2023, 422 cases were reported in the United States, the highest annual number of cases reported since 2014. As of March 25, 2024, 143 cases have been reported to CDC for the current calendar year, an increase of 62 cases over the 81 reported as of this date in 2023. A specific meningococcal strain, sequence type (ST) 1466, is responsible for most (101 of 148, 68%) serogroup Y cases with available sequence type data that were reported across the United States in 2023. Cases caused by this strain are disproportionately occurring in people ages 30–60 years (65%), Black or African American people (63%), and people with HIV (15%). In addition, most cases of invasive meningococcal disease caused by ST-1466 in 2023 had a clinical presentation other than meningitis: 64% presented with bacteremia, and at least 4% presented with septic arthritis. Of 94 patients with known outcomes, 17 (18%) died; this case-fatality rate is higher than the historical case fatality rate of 11% reported for serogroup Y cases in 2017–2021.

Communicable Disease Prevention continued:

Mission: Capacity to prevent and stop the spread of disease through strategies such as surveillance, investigation, education, and interventions.

Programs: Communicable Disease Investigation, Vector Control, Animal Bite Investigations

Funding Sources: Public Health Emergency Preparedness (PHEP) MDHSS Contract, Epidemiological and Laboratory Capacity Enhancing Detection Expansion (ELC-EXP) MDHSS Contract.

Communicable Disease Surveillance Summary Report

Communicable Disease Surveillance Summary Report - March 2024

Jefferson County, Missouri

NOTES ON THE DATA:

- All data and information are conditional and may change as more reports are received.
- Case definitions are established by the Missouri Department of Health and Senior Services' (DHSS) Communicable Disease Investigation Reference Manual. The totals reflect the number of confirmed and probable cases reported; suspect cases are not included.
- Data is reported in epidemiologic weeks established by the CDC's Morbidity and Mortality Weekly Report (MMWR). The MMWR week starts on a Sunday and ends on Saturday. Values for MMWR week range from 1 to 53, although most years consist of 52 weeks. The 2024 MMWR calendar began on December 31, 2023.
- Case date may be based on the onset date, diagnosis date, specimen date, or test date.
- Excluded from this report are Sexually Transmitted Diseases, Influenza, and COVID-19.
- Jefferson County Health Department monitors all reportable disease cases year-round. Figures 1. and 2. include detailed views of diseases or conditions that may be of importance during the time of year this report is published. Variables such as outbreaks or the seasonality of communicable diseases may affect the number of cases per month and call for a more in-depth look. Seasonal change in the incidence of infectious diseases is common.

Additional Sources of Information:

Jefferson County Health Department's Respiratory Illness page

- <https://www.jeffcohealth.org/respiratory-illnesses>

Missouri Department of Health and Senior Services Influenza Surveillance Report

- <https://health.mo.gov/living/healthcondiseases/communicable/influenza/dashboard.php>

Missouri Department of Health and Senior Services, Communicable Disease Investigation Reference Manual

- <https://health.mo.gov/living/healthcondiseases/communicable/communicabledisease/cdmanual/index.php>

Table 1. Number of Enteric Cases by Month, Jefferson County, Missouri

Disease or Condition	Five Previous Months					Year to Date Comparison		
	November 2023	December 2023	January 2024	February 2024	March 2024	YTD 2024	YTD 5 Previous Year Mean	YTD Alert ¹
Campylobacteriosis	2	1	0	3	0	3	5.2	
Cryptosporidiosis	0	0	0	0	0	0	0.6	
Cyclosporiasis	0	0	0	0	0	0	0	
E. Coli O157:H7	0	0	1	0	0	1	0	
E. Coli Shiga Toxin +	0	0	1	0	0	1	1.4	
Giardiasis	0	1	2	1	0	3	0	*
Hepatitis A Acute	0	0	0	0	0	0	1.4	
Listeriosis	0	0	0	0	0	0	0.2	
Salmonellosis	4	2	1	0	0	1	5.4	
Shigellosis	2	0	0	1	0	1	0	
Yersiniosis	0	1	0	1	0	1	1.2	
Enteric Totals	8	5	5	6	0	11	15.4	

¹ Year- to- Date alerts represent an increase of at least one standard deviation for total cases in the current year compared to the same time period in the five previous years.

Table 2. Number of Respiratory and Systemic Disease Cases by Month, Jefferson County, Missouri

Disease or Condition	Five Previous Months					Year to Date Comparison		
	November 2023	December 2023	January 2024	February 2024	March 2024	YTD 2024	YTD 5 Previous Year Mean	YTD Alert
Coccidioidomycosis	0	0	0	0	0	0	0	
Haemophilus Influenzae, Invasive	1	2	1	0	0	1	2	
Legionellosis	2	0	0	0	0	0	0.4	
Measles	0	0	0	0	0	0	0.2	
Pertussis	0	1	1	1	0	2	6	
Staph Aureus, VISA	0	0	0	0	0	0	0.6	
Streptococcus Pneumoniae, Invasive	1	3	3	4	2	10	8.8	
Streptococcal Toxic Shock Syndrome	0	0	0	0	0	0	0	
Varicella	0	0	0	0	0	0	1.4	
Respiratory and Systemic Totals	4	6	5	5	2	13	19.4	

Table 3. Number of Vector-Borne Cases by Month, Jefferson County, Missouri

Disease or Condition	Five Previous Months					Year to Date Comparison		
	November 2023	December 2023	January 2024	February 2024	March 2024	YTD 2024	YTD 5 Previous Year Mean	YTD Alert
Anaplasma Phagocytophilum	0	0	0	0	0	0	0	
Babesiosis	0	0	0	0	0	0	0	
Dengue Fever	0	0	0	1	0	1	0	
Ehrlichia Chaffeensis	0	0	0	0	0	0	0	
Ehrlichia Ewingii	0	0	0	0	0	0	0	
Ehrlichiosis Anaplasmosis Undetermined	1	0	0	0	0	0	0	
Lyme	0	0	0	0	0	0	0	
Malaria	0	0	0	0	0	0	0	
Q Fever	0	0	0	0	0	0	0	
Rocky Mountain Spotted Fever	0	0	0	0	0	0	0.2	
Tularemia	0	0	0	1	0	1	0	
Vector-Borne Totals	1	0	0	2	0	2	0.2	

Table 4. Number of Other/Miscellaneous Cases by Month, Jefferson County, Missouri

Disease or Condition	Five Previous Months					Year to Date Comparison		
	November 2023	December 2023	January 2024	February 2024	March 2024	YTD 2024	YTD 5 Previous Year Mean	YTD Alert
Animal Bites	21	19	14	18	27	59	45	*
MOTT	1	2	0	1	1	2	6	
Rabies Animal	0	0	0	0	0	0	0	
Rabies Post Exposure Prophylaxis	2	1	0	0	0	0	2.2	
TB Disease	1	0	0	0	0	0	0.4	
TB Infection	3	1	3	0	3	8	9	
Other/Miscellaneous Totals	28	23	17	19	31	48	62.6	

Figure 1. Strep Pnuemoniae, Invasive

Jefferson County, Missouri

Strep Pneumoniae, also called pneumococcus, is a bacterium that causes acute infection. Strep pneumoniae bacteria can cause many types of infections, such as pneumonia, meningitis, sinusitis, and bacteremia. Some of these infections can be life-threatening. Some pneumococcal infections are considered "invasive" when the infection occurs in areas of the body that are normally sterile. Two pneumococcal vaccines are available in the United States to help protect against pneumococcal disease. There were 2 cases of Strep Pneumoniae, Invasive reported during March 2024 in Jefferson County. During the previous 5 years, the number of cases has ranged from 0 to 8 per month.

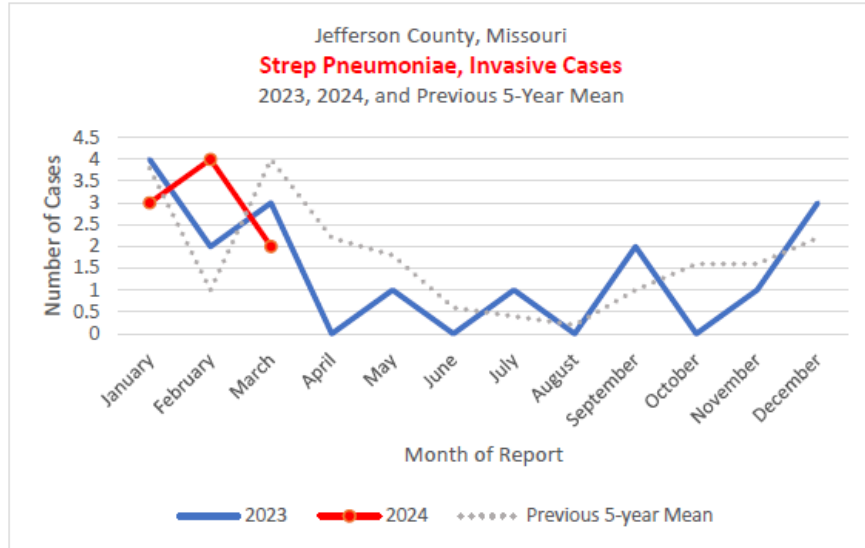
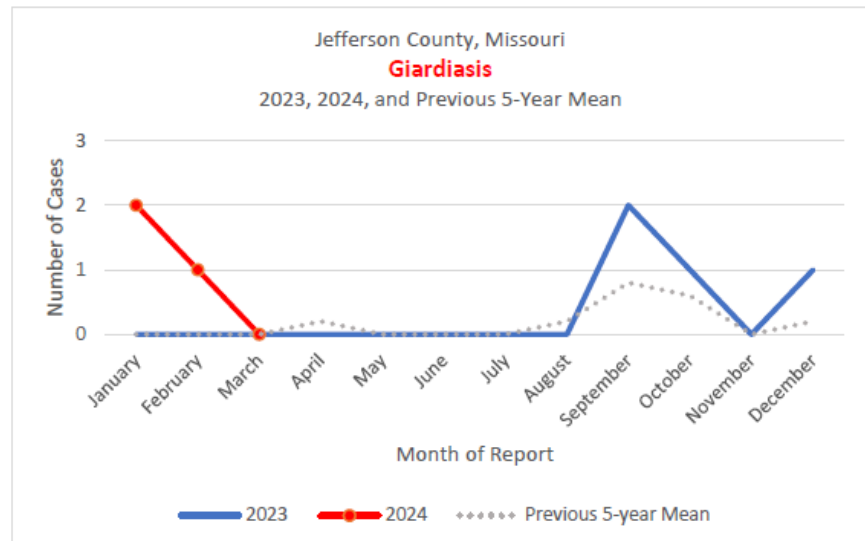


Figure 2. Giardiasis

Jefferson County, Missouri

Giardia is a tiny parasite that causes the diarrheal disease giardiasis. Giardia is found on surfaces or in soil, food, or water that has been contaminated with feces from infected people or animals. You can get giardiasis if you swallow Giardia germs. Giardia spreads easily and can spread from person to person or through contaminated water, food, surfaces, or objects. The most common way people get sick is by swallowing contaminated drinking water or recreational water (for example, lakes, rivers, or pools). Healthcare providers can prescribe the proper antiparasitic medications to help reduce the amount of time symptoms last. Asymptomatic infection is also common. There were 0 cases of Giardiasis reported during March 2024 in Jefferson County. During the previous 5 years, the number of cases has ranged from 0 to 2 per month. A year-to-date alert has been noted for Giardiasis. Year-to-date alerts are present when the total cases in the current year are more than one standard deviation above the mean for the same time period in the previous five years.



Environmental Public Health

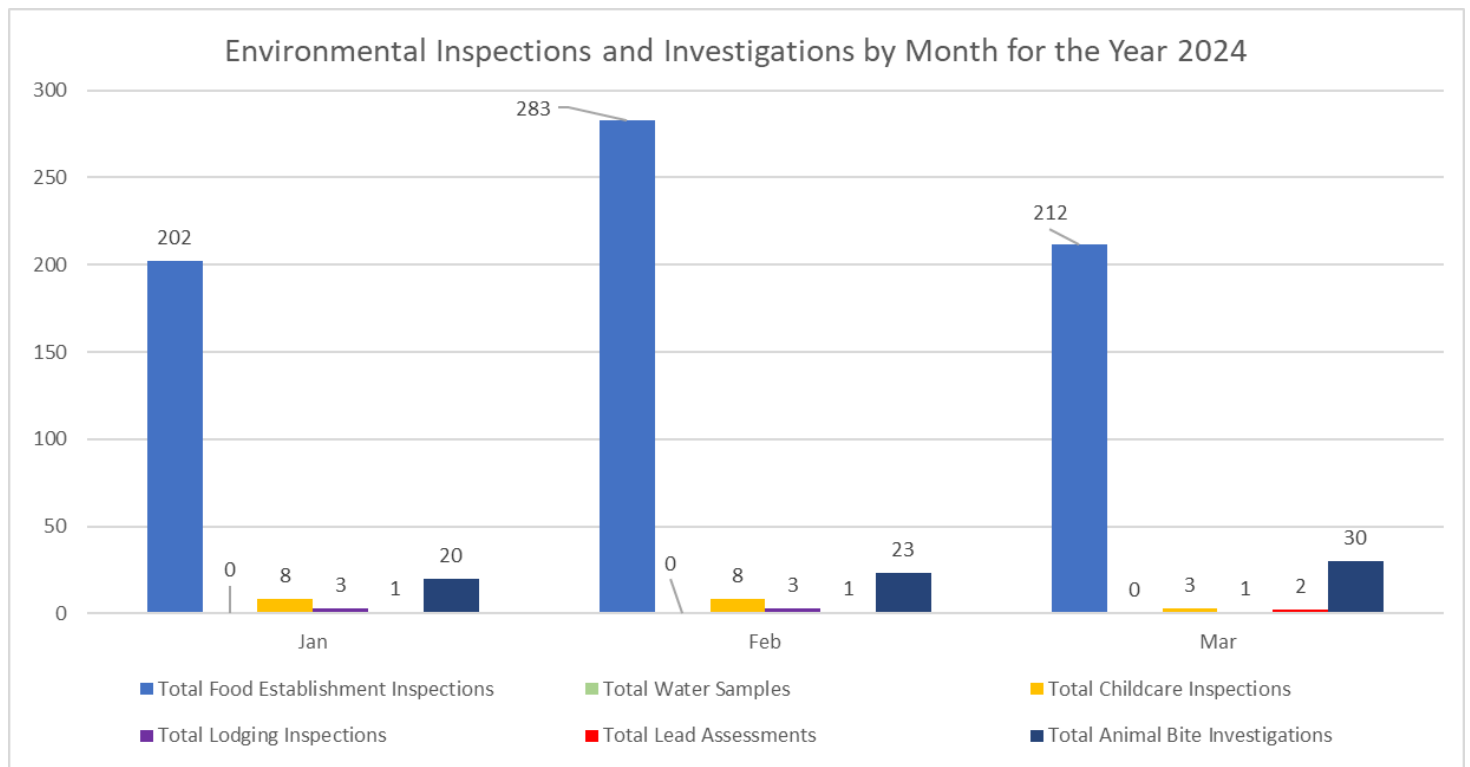
Environmental Public Health:

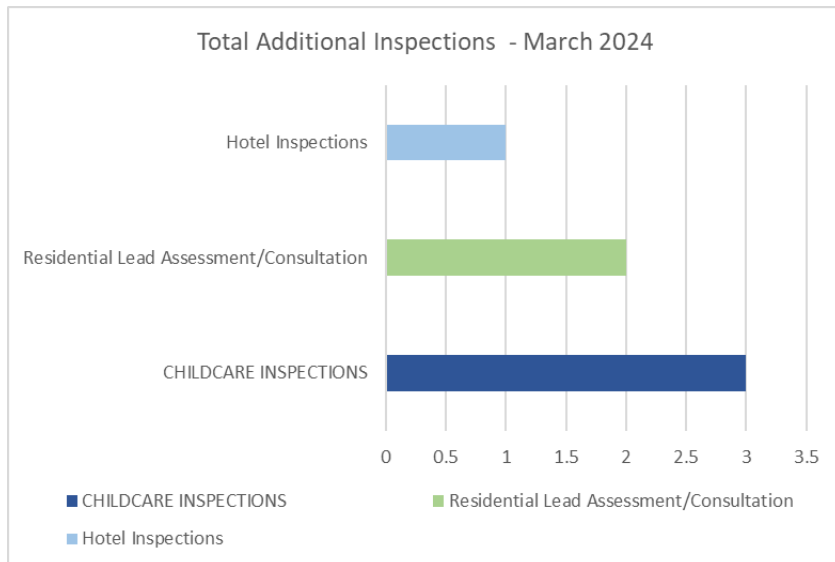
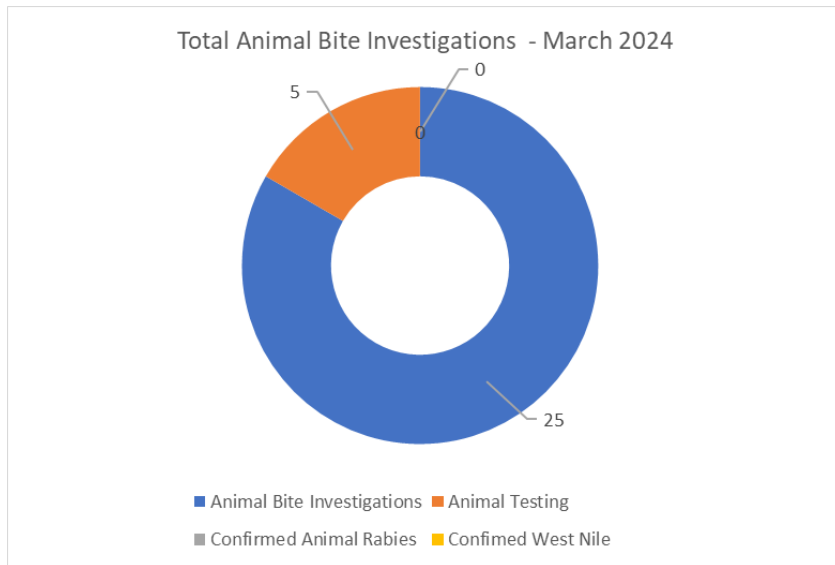
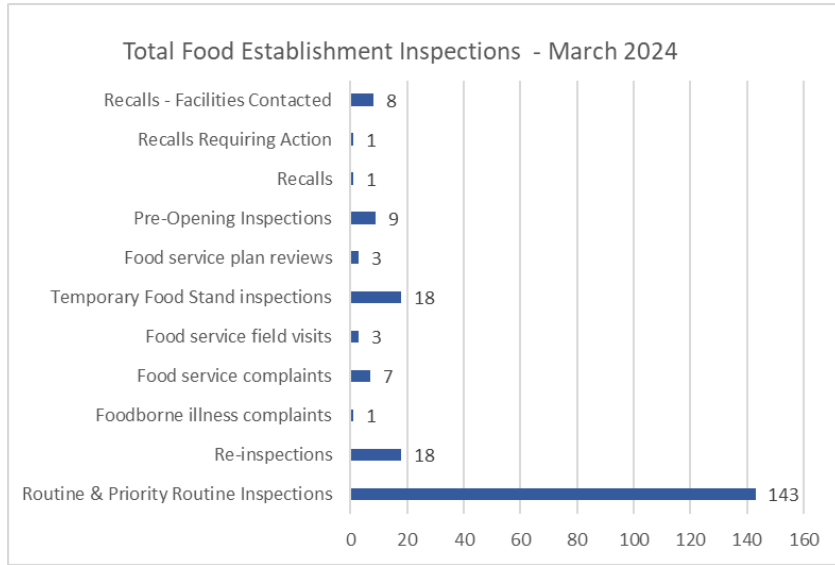
- The environmental Lead program conducted 1 lead risk assessment for a county resident, 1 consultation and 1 community event to educate on the risks of lead poisoning and promote lead screenings and soil and private well water testing that can be completed by EPA.
- There was one Class 1 High recall for ground cinnamon, with the potential to be contaminated with lead. 8 stores were visited by inspectors with 100% compliance by the establishments.

Mission: Capacity to reduce harmful exposures and foster safe and health environments that protect communities.

Programs: Food Program (Jefferson County Food Code, Food and beverages Permits, Temporary Permits, Farmers Market Master Training, and ServSafe Certifications), Water Sample Laboratory Services (Private and Public Water and Wells), Childcare Sanitation Inspections (CCSI), Lead Assessment and Education, and Lodging.

Funding Sources: Childcare Sanitation Inspections (CCSI) MO DHSS Contract, Summer Food Services Program (SFSP) MDHSS Contract, Children's Health Insurance Program (CHIP) Health Services Initiative (HSI)-LEAD MO DHSS Contract, CORE MDHSS Contract, Superfund Lead Health Education and Voluntary Institutional Control Program (VICP) MDHSS contract, Environmental Implementation of Grading System and Advancement on Conformance with Program Standards (GSAC) FDA contract





Public Health Preparedness and Special Healthcare Needs

Public Health Preparedness (PHP) - Emergency Preparedness and Response:

The Preparedness Planner and the Community Services Manager continue to complete the 2020 COVID-19 Pandemic After Action Report/Improvement Plan and update the 15 Preparedness Capability Plans utilizing lessons learned during real-world events. Upon completion of these documents, JCHD will submit the Project Public Health Readiness (PPHR) re-accreditation application. Jefferson County is currently the only county in Missouri to hold this national accreditation. During this re-accreditation year, another county will be applying for its first accreditation. The information and education gained during the initial accreditation process in 2019 was instrumental in coordinating the COVID-19 Pandemic Response for the county. PPHR documentation will be submitted to MDHSS and St. Charles County Health Department for initial review. The final submission is due in August 2024.

Mission: Capacity to promote ongoing community resilience and preparedness, issue and enforce public health orders, share information with key partners and the general public, and lead the health and medical response to emergencies

Programs: Public Health Preparedness Planning and Response, Training and Exercises, and Project Public Health Ready (PPHR) Accreditation

Funding Sources: Public Health Emergency Preparedness (PHEP) MDHSS Contract, Cities Readiness Initiative (CRI) MDHSS Contract, Epidemiological and Laboratory Capacity Enhancing Detection Expansion (ELC-EXP) MDHSS Contract.

Linkage to Medical, Behavioral, and Community Resources:

Examples of resource navigation and case management provided to participants and program updates in the month of March:

- During the month of March, one of our coordinators was able to get medical records for two participants that have been working to get qualified since January. They were able to schedule one enrollment. Another positive outcome is that they were able to provide information for a new provider in the area, and upon sending three separate referrals one day, the provider immediately created a job posting in the area and had interviews already lined up two days later to provide services to our participants.

JCHD contracts with MO Department of Health and Senior Services (MO DHSS) to provide resource navigation to connect participants to providers. MO DHSS reimburses providers for services and JCHD for staffing expenses through the ABI and CYSHCN contracts. No JCHD funds are utilized for this program.

Mission: Capacity to develop a strong network of partners with diverse expertise and resources to build a strong foundation for community health.

Programs: Adult Brain Injury and Children and Youth with Special Healthcare Needs Service Coordination and Public Health Preparedness inclusion planning

Funding Sources: Adult Brain Injury Program Service Coordination (ABI) Missouri Regions F and G, Children and Youth with Special Healthcare Needs Service Coordination (CYSHCN) Missouri Regions 10 and 11.



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2024 Clinical Services Board Report- March

JCHD clinical services section consists of nursing services including office general clinic and family planning services, community clinical services, mobile wellness program services, communicable disease testing, Tuberculosis investigations and case management, nutrition services, dental services, and front office services including vital records.

Foundational Public Health Services Areas: Access to Healthcare, Maternal Child & Family Health, Chronic Disease Prevention, and Communicable Disease

Family Planning:

- Total appointments in the Family Planning program in March was 116 for 110 distinct patients.
- The Right Time Program has been extended for funding through December 31, 2024.
- JCHD participated in a clinical efficiency study the week of April 15-17. During this study a consultant evaluated the JCHD clinical flow from registration through check-out and provided input and suggestions to improve the clinical efficiency. A report will be provided from this study on the April Board Report.
- Family Planning Clinic was granted additional Title X funding of \$20,000 for the 2023-2024 contract timeframe that had to be utilized by March 30th. Those funds were utilized to stock up on contraceptive methods, period and hygiene products for our patients and community members in need, educational literature and posters for the clinic.

General Clinic:

- Total appointments in General Clinic in March was 233 for 190 distinct patients.
- TB Program: The breakdown for TB services in March includes: LTBI=19, Investigations=12, LTBI DOT=6, Active TB=2, Cases Closed=5. JCHD sent staff for TB program training on March 12th. The August 2023 TB event After Action Report was finalized in March.
- Immunizations: JCHD will be attending the Missouri Immunization Conference April 24-April 26 in Columbia, MO. We are working on returning overstock of Influenza vaccines for credit. The expiration date is June but if we return before that date we will get the maximum credit. We will keep a minimal number on hand and available at both locations through the expiration. Next year's prebook is secured with our first shipment expected by the end of August. Prevnar 13 is soon to be replaced with Prevnar 20. We are working with vaccine reps to get our stocks of Prevnar 13 returned for credit.
- Childcare Health Consultation- The 2024 childcare provider training schedule was released, JCHD is collaborating with Environmental and Case Management for 2 lead poisoning prevention presentations. The CCHC program is connecting with DeSoto Head Start to offer health promotions to all four classrooms,

Community Clinics:

- Total Community Clinic appointments in March was 232 appointments for 118 distinct patients.
- The mobile team toured the Craftsmen facility in St. Charles on March 7th. JCHD is finalizing the sales agreement with Craftsmen after feedback to the vendor on layout and design of the new mobile vehicle. The build for the new mobile healthcare vehicle is expected to take 8 months from the signing of the sales agreement.
- Several members of the community and clinical teams attended a two-day unhoused event on March 18-19th where we provided wellness services, program education and outreach.
- The community clinical team is preparing for the Measles Emergency Response exercise that will be taking place in April and will include clinical aspects of testing and vaccination as part of the exercise.

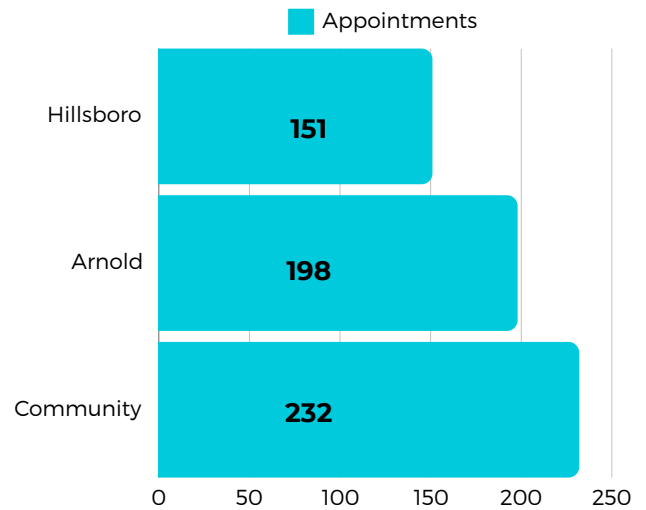
March Medical Appointment Data

Total Appointments

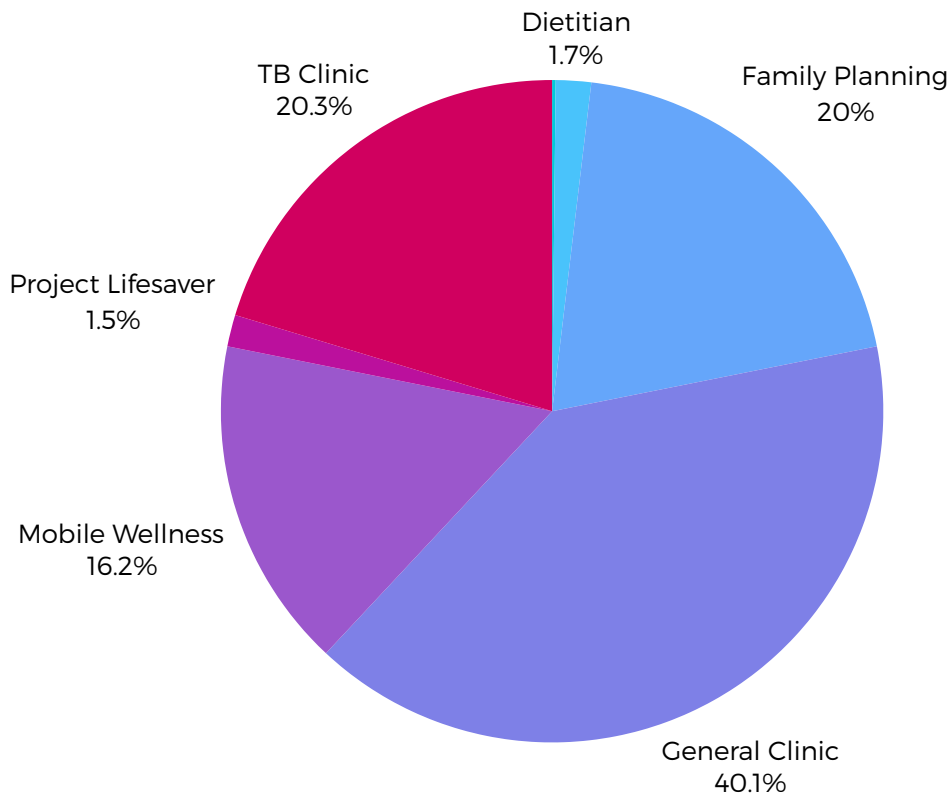


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Appointments by Location



Appointments by Resource



Dental Services:

- The Pediatric Dental team spent March at the Hillsboro school system. See below for details of services provided at the school system.
- The Smiles To Go Program will be moving to the Festus school system in April to finish out the school year.
- The dental program provided services for a total of 114 unique patients in February. This includes 75 patients in the pediatric dental program and 39 adult patients.



**JCHD Smiles to Go Dental Van
Provided Services Report**



Hillsboro School District
3/5/24-3/28/24

Procedure	#
Exams Completed/Students Seen	72
Cleanings and Fluoride	69
Sealants	149
Fillings	33
Extractions	1
After School Emergencies	4

Amount of Services Provided: \$27,675.26

Vital Records:

- JCHD provides both birth and death certificates at the Hillsboro and Arnold offices. For more information on these services you can visit the website at: <https://www.jeffcohealth.org/administrative-services>
- In the first quarter of 2024 the front office staff provided services at a two-day unboxed event. Both birth and death certificates were offered at the event for attendees. JCHD provided 8 birth certificates during that event at no cost to the recipients. JCHD utilized the Jefferson Foundation Program Support Grant to cover the costs of these certificates.
- The chart below provides data on vital records provided during the first quarter of 2024 by month and location.

Quarter 1		
	Arnold	Hillsboro
Jan:		
# birth:	467	504
# death:	354	895
\$:	11300.66	18062.51
Feb:		
# birth:	445	565
# death:	358	920
\$:	11017.44	19232.07
March:		
# birth:	564	592
# death:	234	499
\$:	11362.31	14896.46
# total:	2422	3975
\$ total:	33680.41	52191.04
Grand totals, both offices:		6397 #
		85871.45 \$



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Health Communications Board Report- April 2024

Grant/Contract Deliverables: Community awareness, education, and marketing are part of most contract and grant funds received by the health department. The Health Comms team plays a vital role in developing campaigns, creating and disseminating content, and implementing services and programs related to agency contract/grant funding.

- **Overdose Data to Action Grant**

- Jefferson County Drug Prevention Coalition meeting (29 in attendance)
- Jefferson County Drug Education Conference (41 in attendance)
- Attended the MO Fatality Review for LPHAs in Jefferson City.
 - Discussed the need/how to establish an Overdose Fatality Review Board in Jefferson County and the need to follow up with SIM (Sequential Intercept Model) conducted in Jefferson County to address recidivism in the Jail and supports/priorities identified.
- Visited OnPoint NYC in New York, coordinated through NACCHO, to view innovative harm reduction/safe-use sites and provided ideas for strategies that can be implemented in Jeffco.
- Met with Atlas Youth Outreach and Jefferson County's Mental Health Summit Planning Committee to encourage collaboration with JCDPC membership.
- Narcan doses distributed: 104 doses

- **Maternal Child Health Contract**

- New employee completed MCH Coordinator Training
- Began working on breastfeeding resources printout and webpage.
- Continued work on the website resource page
- Began creating the community partners toolkit, including researching resources, gathering them into accessible versions on the website, creating graphics, and writing posts.
- Planned out programs and offerings for upcoming community events.

- **Children and Youth with Special Healthcare Needs**

- Began drafting a digital awareness campaign to let families know about the program and the funding it provides.

Foundational Areas: Injury Prevention, Maternal, Child, & Family Health, Linkage to Resources, Communicable Disease Prevention

Foundational Capabilities: Communications, Emergency Preparedness & Response, Organizational Administrative Competencies, Assessment and Surveillance, Community Partnership Development, Accountability & Performance Management

Health Communications Report (cont'd)

Community Engagement: Health Comms team members are often out in the community at various events and locations, providing services and education, learning more about population needs, and developing partnerships. Our team also creates educational and awareness campaigns for the community.

- Jefferson County Drug Education Conference. Presentation topics included:
 - Current Drug Trends & Xylazine
 - SLU Toxicology to discuss substances being analyzed for investigations,
 - MO Poison Control discussed poison-related dares
 - Chestnut PEERS shared their stories of recovery and support in the community.
- Community Event to support the Unhoused at the First Baptist Church of Festus.
 - Narcan and SUD resources were made available and distributed at the event.
- Creating content promoting various JCHD services and public health observance days.
- Attended the family event at Hillsboro Intermediate School and brought the Smoothie Bike. There was great attendance; over 50 kids made smoothies!
- Car Seat Program: Our certified car seat technician provided and installed 7 car seats and checked 9 additional car seats.

Foundational Areas: Chronic Disease Prevention, Injury Prevention, Maternal, Child, & Family Health, Linkage to Resources, Communicable Disease Prevention, Environmental Health

Foundational Capabilities: Communications, Community Partnership Development, Emergency Preparedness & Response, Organizational Administrative Competencies, Policy Development & Support, Assessment & Surveillance

Organization & Workforce Development: The Organizational Development Specialist works on all aspects of developing the agency and our workforce through assessments, training, and quality improvement.

- Continued to update the JCHD Workforce Development Plan, pulling information from December staff surveys, assessing agency Core Competency score, and determining the best training options moving forward.
- Facilitated the March Professional Development Day agenda, training, and staff accommodations.
- Updated job postings and continued to work through recruitment process for open positions.
- Organized and completed onboarding for 4 new employees.
- Assisted clinical services manager with clinical scheduling, coverage, timecard approvals, and teams schedule updates.
- Tracking of LinkedIn Learning certification certificates, staff auto insurance coverage, expired staff ID's, and certificates or licenses set to expire.

Foundational Capabilities: Communications, Organizational Administrative Competencies, Accountability & Performance Management, Assessment and Surveillance, Policy Development & Support