

MARCH CLINICAL BOARD REPORT

Month Reporting: MARCH 2023

Date: 04/24/23

Reported By: M. Melissa Parmeley, Clinical Services Manager

DEPARTMENT AND PROGRAM NARRATIVE:

PROGRAM/SECTION	FOUNDATIONAL PUBLIC	CONTRACT/	ACTION/OUTCOME
	HEALTH SERVICE	GRANT	
FAMILY PLANNING	Maternal, Child & Family	Title X; TRT	The new data reporting file (FPAR
	Health	SMHW; WW	2.0) for MFHC (Missouri Family
	Communicable Disease		Health Council) is being coordinated
	Access to Care		with CureMD. Data reporting is part
			of the Title X and TRT contracts with
			MFHC. The last data report was
			completed with MFHC in December
			and was completed manually. With
			the updated reporting requirements
			for these programs that started in
			January (FPAR 2.0), a new system
			has been developed utilizing an
			automated reporting mechanism
			with the JCHD's Electronic Medical
			Record system – CureMD. This new
			electronic data file automates the
			data collection but still requires
			JCHD staff to review, correct and
			upload the data file to MFHC.
			An Education and Outreach RN was
			hired in March for the TRT program.
			This position is funded through this
			program and required by contract.





GENERAL CLINIC	Maternal, Child & Family	VFC; 317; AIG	The vaccine program continues to
	Health	STD; TB; EPA	work on a quality improvement
	Communicable Disease	Lead Superfund	program with the guidance of the
	Access to Care		Missouri Department of Health and
	Injury Prevention		Senior Services. The next meeting
			with MDHSS is set for May.
			The Lead program completed 16
			lead Point of Care tests in the office
			during the month. This program is
			working to reduce the refusal rates
			for lead screenings through
			education of parents. Through this
			effort we have seen a decrease in
			refusal rates from 25% to 14% last
			month.
			The TB program investigated and
			managed 2 active cases during the
			month of March and is actively
			working Direct Observation Therapy
			for two cases.
MOBILE WELLNESS	Maternal, Child & Family	Local Public	The Mobile Wellness program
	Health	Health	visited the following locations in
	Communicable Disease	Disparities	March: DeSoto Farmer's Market,
	Access to Care		High Ridge Fire Department, Festus
			School District, My Place, My Place
			Too, Peace Pantry in Cedar Hill,
			Jefferson College, Sunny Hill
			Residential Care, and Hillsboro
			School District.
TESTING/COMMUNITY	Maternal, Child & Family	ELC	The community clinic team
CLINICS	Health	AIG	completed two events in March that
	Communicable Disease		included the Senior Expo in Festus
	Access to Care		on March 22 and a Soil and Water
			event on Saturday March 25 th . The
			following services were offered
			during these events: COVID-19 and
			Flu vaccines, health screenings
			(Blood Pressure checks, lipid test,
			glucose test)



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

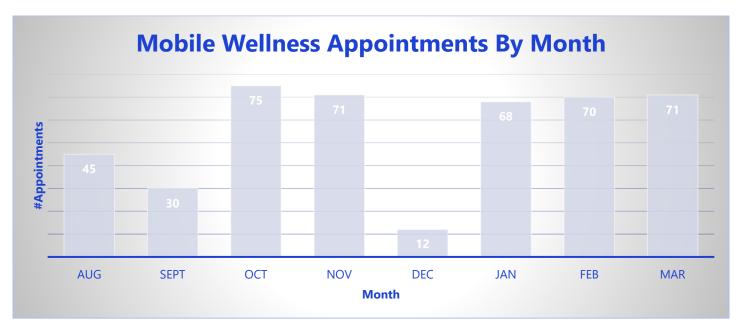
DENTAL	Maternal, Child & Family	Sealant and Tele	The Dental program was at the
	Health	dentistry	Hillsboro School system in March
	Access to Care		and transitioned to the Festus
			school system at the end of the
			month. The pediatric dental
			program will close out the school
			year at the Festus school system.



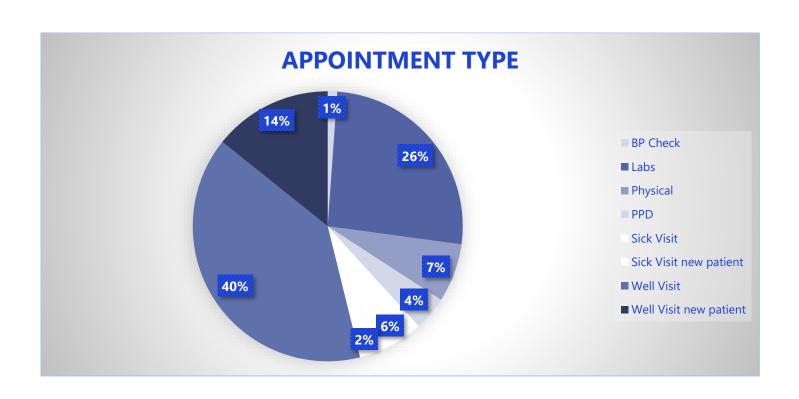


COMMUNITY CLINIC DASHBOARD

Mobile Wellness:



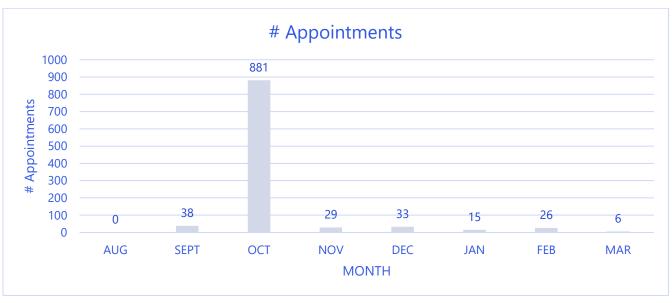
^{*}Month of December, no Nurse Practitioner available.

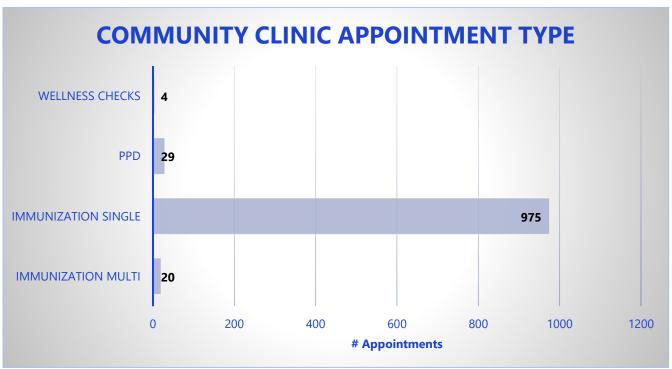




COMMUNITY CLINICS:

This represents clinical services performed through situations such as: Homebound visits, community events, organizational partnerships, school-based clinics, and specialty clinics (i.e. Monkeypox).







Jefferson County Health Department 405 Main Street, Hillsboro, MO 63050 Phone: 636-797-3737 Fax: 636-797-4631 www.jeffcohealth.org





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COMMUNITY SERVICES BOARD REPORT

MONTHLY NEWSLETTER OF THE JCHD COMMUNITY SERVICES TEAM:
COMMUNICABLE DISEASE, ENVIRONMENTAL, HEALTH EDUCATION, AND PREPAREDNESS

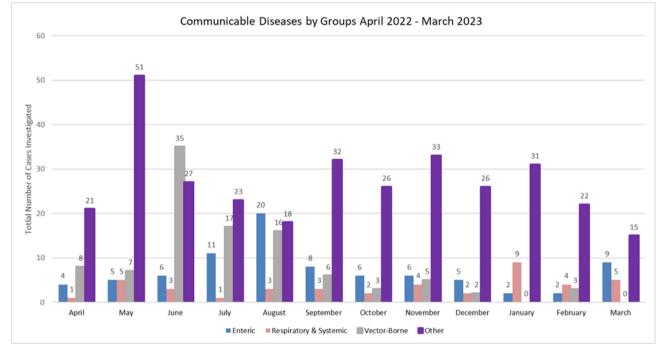
April 27, 2023

FOUNDATIONAL PUBLIC HEALTH SERVICES MODEL-AREAS OF EXPERTISE:

Communicable Disease Prevention-Capacity to prevent and stop the spread of disease through strategies such as surveillance, investigation, education, and interventions.

Associated JCHD Programs

- Public Health Emergency Preparedness (PHEP)
- Cities Readiness Initiative (CRI)
- Epidemiological and Laboratory Capacity Enhancing Detection Expansion (ELC-EXP)
- Communicable Disease Investigation
 - March 2023 Total Cases Investigated
 - Enteric
 - Campylobacteriosis 3
 - Hepatitis A Acute 2
 - Salmonellosis 3
 - Yersiniosis 1
 - Respiratory and Systemic
 - H. Influenza, Invasive 1
 - Pertussis 1
 - Strep Pneumoniae, Invasive 3
 - Other
 - MOTT 6
 - TB Infection 4
- Vector Control and Animal Bites
 - March 2023 Total Cases Investigated
 - Animal Bites 4
 - Rabies Post Exposure Prophylaxis 1

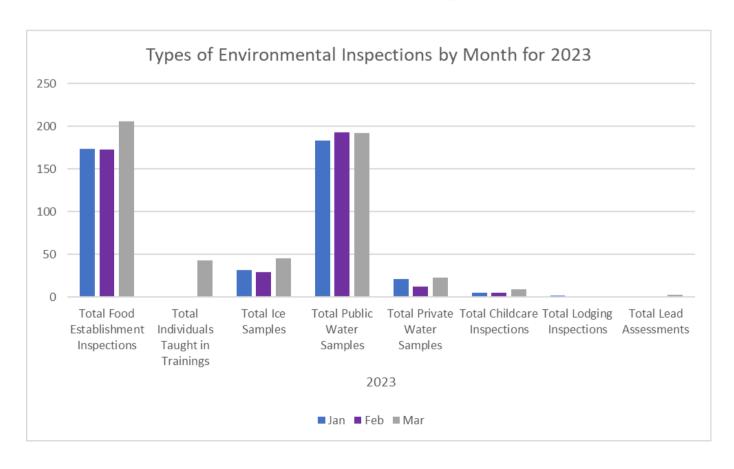


• Not all cases investigated are considered "confirmed" or "probable". Those cases that do not meet specific case definition will be classified as "suspect" or "no case". This chart represents all cases investigated. For a full list of only "confirmed" or "probable" cases see the monthly JCHD Communicable Disease Report.

Environmental Public Health-Capacity to reduce harmful exposures and foster safe and health environments that protect communities.

Associated JCHD Programs

- Food Program
 - Jefferson County Food Code
 - Food and Beverage Permits, Temporary Permits, Farmers Market Master Training, and ServSafe Certifications
- Water Sample Laboratory Services
 - Private and Public Water and Wells
- Childcare Sanitation Inspections (CCSI) childcare facilities
- Superfund Lead Health Education and Voluntary Institutional Control Programs (Superfund Lead)
- Environmental Implementation of Grading System and Advancement on Conformance with Program Standards (GSAC)
 - Facilitated a focus group with Heartland Realty to discuss connecting homeowners/buyers with lead assessment resources.
- Summer Food Services Program (SFSP)
- Childrens' Health Insurance Program (CHIP) Health Services Initiative (HSI) -_Lead



Chronic Disease Prevention-Capacity to work with community partners to share information, develop polices, and create environments that prevent chronic diseases and support chronic disease management.

Associated JCHD Programs

- Health Education
 - Weight Loss, Diabetes, Heart Disease, Hypertension, Digestive Disorders, Good Allergies, Pediatric and Adult Nutrition, Group Nutrition Counseling
 - March 2023
 - Dietician presented at Ashton Village
 - Partnering with COMTREA on health and wellness presentations for those in psychosocial rehabilitation group.
- Public Health Advocacy

injury Prevention-Capacity to analyze trends, research causes, develop strategies, and create policies in order to reduce preventable injuries.

Associated JCHD Programs

- Overdose to Action (OD2A)
 - March 2023
 - Met with Jefferson County Treatment Court to discuss a future collaboration to increase access to care and resources.
 - Such as: preventative health care, sexual health care and education, car seats, healthy family activities and healthy eating.
- National Association of County and City Health Officials (NACCHO) Implementing Overdose Prevention Strategies at the Local Level (IOPSSL)
- Car Seats
 - o March 2023
 - Attended Rock Community Fire open house to provide education and installation checks.
- Youth Bike Helmets
- Project Lifesaver
- Drug Prevention Coalition partnerships
- Vaping education and resources
 - o March 2023
 - Presented vaping education to 15 middle school students.
 - Partnering with Chestnut Health Systems to create a vaping cessation program.

Maternal, Child, and Family Health-Capacity to address conditions that affect health behaviors among women, support family health, and ensure children the healthiest start in life.

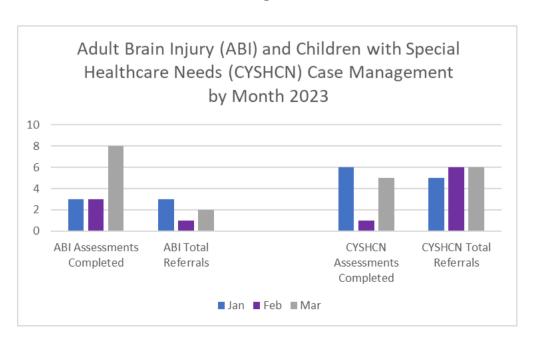
Associated JCHD Programs

- Maternal Child Health (MCH)
 - o March 2023
 - Presented Stress Reduction Seminar to 35 middle school students.
 - Created a Farmers Market toolkit to engage families and children.
- Child Care Health Consultation (CCHC)
 - o March 2023
 - Presented Emergency Preparedness class to childcare providers.
- Childrens' Health Insurance Program (CHIP) Health Services Initiative (HSI) School Health
- Teen Coalition

Linkage to Medical, Behavioral, and Community Resources-Capacity to develop a strong network of partners with diverse expertise and resources to build a strong foundation for community health.

Associated JCHD Programs

- 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
- Local Public Health Disparities Initiative (LPHDI)
 - o March 2023
 - Partnering with Chestnut Health Systems to provide a behavioral health counselor.
 - This counselor will be certified on the new vaping cessation program.





Champion positive health outcomes and behaviors through innovative programs and community engagement

Communicable Disease Surveillance Summary Report

Jefferson County, Missouri

March 2023

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 2023 MMWR calendar began on January 1, 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.

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

	Five Previous Months					Year to Date Comparison		
Disease or Condition	November 2022	December 2022	January 2023	February 2023	March 2023	YTD 2023	YTD 5 Previous Year Mean	YTD Alert ¹
Campylobacteriosis	2	1	1	1	3	5	5.4	
Cryptosporidiosis	1	0	0	0	0	0	0.6	
Cyclosporiasis	0	0	0	0	0	0	0	
E. Coli O157:H7	0	0	0	0	0	0	0	
E. Coli Shiga Toxin +	0	0	0	0	0	0	0	
Giardiasis	0	0	0	0	0	0	0	
Hepatitis A Acute	0	0	0	0	0	0	1.4	
Listeriosis	0	0	0	0	0	0	0.2	
Salmonellosis	1	4	1	1	2	4	4.8	
Shigellosis	0	0	0	0	0	0	0	
Yersiniosis	0	0	0	0	1	1	1.4	
Enteric Totals	4	5	2	2	6	10	13.8	

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

		Five	Previous Mo	onths		Year to Date Comparison		
Disease or Condition	November 2022	December 2022	January 2023	February 2023	March 2023	YTD 2023	YTD 5 Previous Year Mean	YTD Alert
Coccidioidomycosis	0	0	0	0	0	0	0	
Haemophilus Influenzae, Invasive	1	1	2	0	1	3	2.4	
Legionellosis	0	0	0	0	0	0	0.6	
Pertussis	0	0	0	0	0	0	6.2	
Staph Aureus, VISA	0	0	0	0	0	0	0.6	
Streptococcus Pneumoniae, Invasive	3	0	4	2	3	9	10.6	
Streptococcal Toxic Shock Syndrome	0	0	0	0	0	0	0	
Varicella	0	1	2	0	0	2	1	
Respiratory and Systemic Totals	4	2	8	2	4	14	21.4	

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

	Five Previous Months					Year to Date Comparison		
Disease or Condition	November 2022	December 2022	January 2023	February 2023	March 2023	YTD 2023	YTD 5 Previous Year Mean	YTD Alert
Anaplasma Phagocytophilum	0	0	0	0	0	0	0	
Babesiosis	0	0	0	0	0	0	0	
Ehrlichia Chaffeensis	0	0	0	0	0	0	0	
Ehrlichia Ewingii	0	0	0	0	0	0	0	
Ehrlichiosis Anaplasmosis Undetermined	0	0	0	0	0	0	0	
Rocky Mountain Spotted Fever	2	0	0	0	0	0	0.4	
Tularemia	0	0	0	0	0	0	0	
Vector-Borne Totals	2	0	0	0	0	0	0.4	

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

		Five	Previous Mo	onths		Year to Date Comparison		
Disease or Condition	November 2022	December 2022	January 2023	February 2023	March 2023	YTD 2023	YTD 5 Previous Year Mean	YTD Alert
Animal Bites	20	18	24	19	14	57	37.2	*
MOTT	3	2	0	2	6	8	5.8	*
Rabies Animal	0	0	0	0	0	0	0	
Rabies Post Exposure Prophylaxis	2	1	1	1	1	3	1.6	
TB Disease	1	0	0	0	0	0	0.4	
TB Infection	6	2	2	1	1	4	9.2	
Other/Miscellaneous Totals	31	23	27	23	22	72	54.2	

Figure 1. Streptococcus Pneumoniae, Invasive Jefferson County, Missouri

Strep Pneumoniae, also called pneumococcus, is a bacterium that causes acute infection. 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 3 cases of Strep Pneumoniae, Invasive reported during March 2023 in Jefferson County. During the previous 5 years, the number of cases has ranged from 0 to 8 per month.

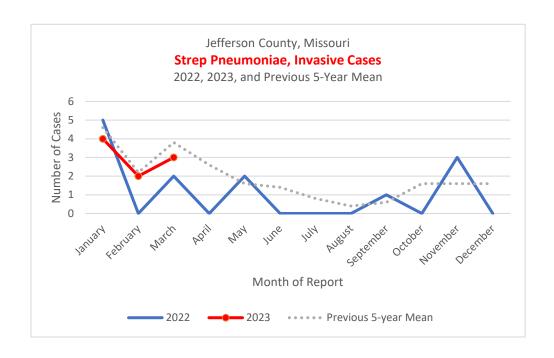
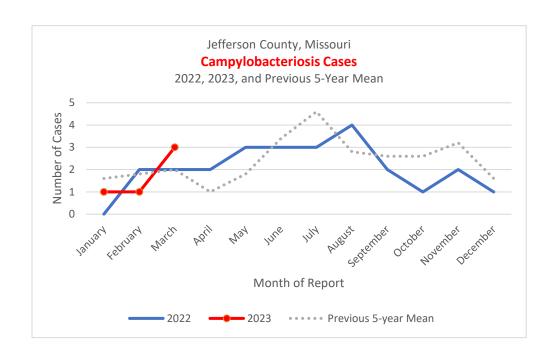


Figure 2. Campylobacteriosis Jefferson County, Missouri

Campylobacter infection, or campylobacteriosis, is caused by Campylobacter bacteria. Campylobacteriosis is one of the most common causes of diarrheal illness in the United States. There are 21 Campylobacter species; however, Campylobacter jejuni and Campylobacter coli are the two species that most often infect humans. Almost all persons infected with Campylobacter recover without any specific treatment. Antimicrobial therapy is warranted only for patients with severe disease or those at high risk for severe disease, such as those with immune systems severely weakened from medications or other illnesses. There were 3 cases of Campylobacteriosis reported during March 2023 in Jefferson County. During the previous 5 years, the number of cases has ranged from 0 to 8 per month.



ADDITIONAL DATA SOURCES AND INFORMATION

Jefferson County Health Department's Covid-19 Data Dashboard https://www.jeffcohealth.org/covid19-data

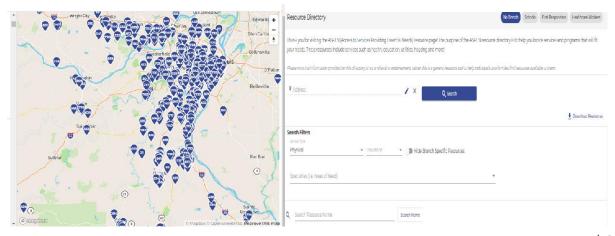
Jefferson County Health Department's Influenza Data Dashboard https://www.jeffcohealth.org/flu-season-info

Missouri Department of Health and Senior Services, Communicable Disease Investigation Reference Manual: https://health.mo.gov/living/healthcondiseases/communicable/communicabledisease/cdmanual/index.php

The below tables present the activities and work performed for the month of March 2023 and display the alignment with grants, contracts, and the deliverables which each grant and contract were awarded upon. Such alignment also conforms with the Missouri Foundational Public Health Services Model.

PROGRAM	DELIVERABLE/FOUNDATION	CURRENT OUTCOMES, IMPACTS
	CAPABILITY	& PROGRESS
ASPEN: Community Resource Directory	Public Health Capacity; Linkage to medical, behavioral and community	ASPEN Coordinator is in the process of updating the JCHNetwork.org website to
Missouri Foundational Public Health Services Model: -Linkage to medical, behavioral and community resourcesCommunity Partnership Development FUNDING STREAM Jefferson Foundation Transformative Grant Missouri DHSS Health Disparities contract	resources: Identify statewide, regional, and local medical and behavioral healthcare community partners and their capacities. Develop and implement a prioritized plan for increasing access to quality health care. Support community-based initiatives that increase access to quality medical and behavioral healthcare. Ability to create and maintain strategic, non-program specific relationships with key community partners.	provide information regarding ASPEN frequently asked questions. This month's areas of focus included identifying resources in the community that assist individuals and families with autism and grief support. We have also been working with community partners to gain additional resources that address substance use. Current Community and Regional Resources in Public ASPEN Directory: Community Resources: 1,021 School Internal Resources: 9

Below are images from the live resource directory: https://bh.jchnetwork.org/app/admin/resource-directory



PROGRAM	DELIVERABLE/FOUNDATION	CURRENT OUTCOMES, IMPACTS
	CAPABILITY	& PROGRESS
ASPEN: School Behavioral Health Portal Missouri Foundational Public Health Services Model:	Public Health Capacity; Linkage to medical, behavioral and community resources: • Provide timely, accurate, and locally relevant education to the community on the	ASPEN staff have been working with schools to identify opportunities to engage with staff and families to provide information, training, and education regarding the ASPEN platform and mental health awareness.
-Linkage to medical, behavioral and community resources. -Injury Prevention FUNDING STREAMS	behavioral health care system. Injury Prevention: Identify statewide, regional and local injury prevention community partners and their capacities Work with partners to	ASPEN Coordinator, JCHD PIO and community partners are planning the development of a short video with information about the ASPEN program to help inform parents. ASPEN staff have worked closely with
Jefferson Foundation Transformative Grant Missouri DHSS Health Disparities contract	implement evidence based and populations-based interventions that mitigate suicide risk	Missouri Center for Public Health Excellence to develop a survey for current users.

ASPEN School Metrics: 4/20/23 at 4:05 PM CT



March 2023 Report of ASPEN (Accessing Services Providing Essential Needs) Presented at the April 27th, 2023, Meeting of the Jefferson County Health Center Board of Directors

PROGRAM	DELIVERABLE/FOUNDATION	CURRENT OUTCOMES, IMPACTS
	CAPABILITY	& PROGRESS
ASPEN: First Responder and Health Care Worker Portals Missouri Foundational Public Health Services Model: -Linkage to medical, behavioral and community resourcesInjury Prevention FUNDING STREAMS Jefferson Foundation Transformative Grant Missouri DHSS Health Disparities contract	Public Health Capacity; Linkage to medical, behavioral and community resources: • Identify statewide, regional, and local medical and behavioral healthcare community partners and their capacities. • Advocate and seek funding for policies and initiatives that increase access to quality medical and behavioral healthcare.	ASPEN Coordinator is working directly with current department chief officers to increase staff awareness and education regarding mental health resources and information about ASPEN. Additional departments have reached out to the ASPEN Coordinator to gain information about First Responder resources and ASPEN. ASPEN has begun connecting with interested county ambulance districts.

ASPEN Responder Metrics: 4/20/23 at 4:10 PM CT





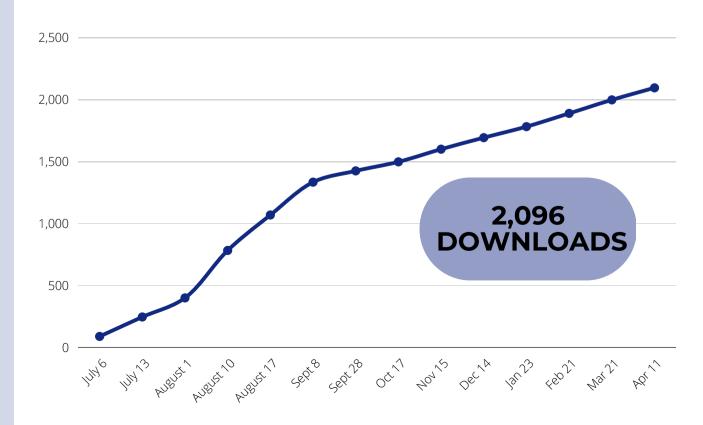
Communications & Marketing

Monthly Report- April 2023 Analytics from March 2023

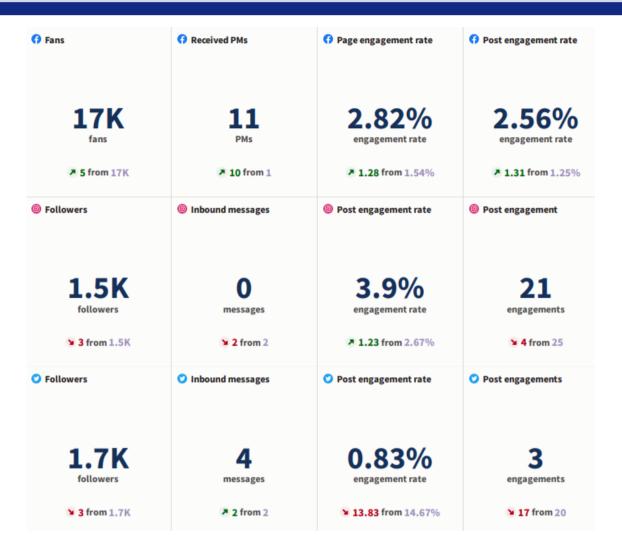
Updates

- Current communications projects we are working on:
 - Lead Campaign
 - Partnering with Farmer's Markets to provide education about gardening safely with lead soil
 - Monsido and accessibility
 - Website updates
 - Adult Immunization Grant
 - Communicable disease education
- New Board of Trustees page was added to the website which includes board member information, bylaws, approved board minutes, and program board reports
- Community event season is coming up and JCHD will be attending a lot events and fairs over the next several months providing services and education

JCHD MOBILE APP DATA

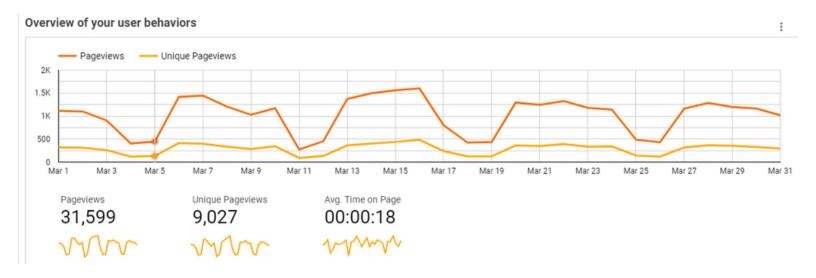


Social Media Analytics

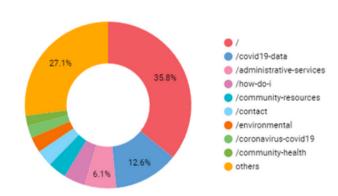




JCHD Google Analytics Behaviors Overview

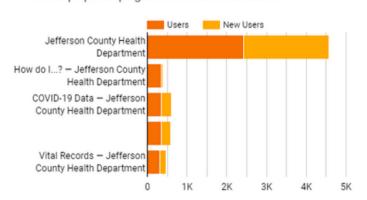


Which page is the most popular?



	Page	Pageviews
1.	1	11,312
2.	/covid19-data	3,994
3.	/administrative-services	1,931
4.	/how-do-i	1,322
5.	/community-resources	1,137
6.	/contact	1,013
7.	/environmental	955
8.	/coronavirus-covid19	763
9.	/community-health	621
10.	/dental	609

Most popular pages with title breakdown



	Page Title	Pageviews
1.	Jefferson County Health Depart	11,614
2.	COVID-19 Data — Jefferson Cou	4,066
3.	How do I? — Jefferson County	1,322
4.	Vital Records — Jefferson Count	1,294
5.	Community Resources - Jeffers	1,140
6.	Contact - Jefferson County Hea	1,064
7.	Environmental – Jefferson Coun	961
8.	COVID-19 - Jefferson County H	763
9.	Administrative — Jefferson Cou	643
10.	Dental — Jefferson County Healt	627



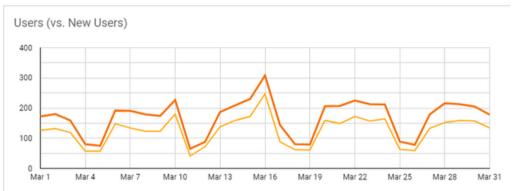
Users **4,134**

Sessions 6,006

 $\begin{array}{c} \text{Bounce Rate} \\ 0.55\% \end{array}$

Avg. Time on Page 00:00:18

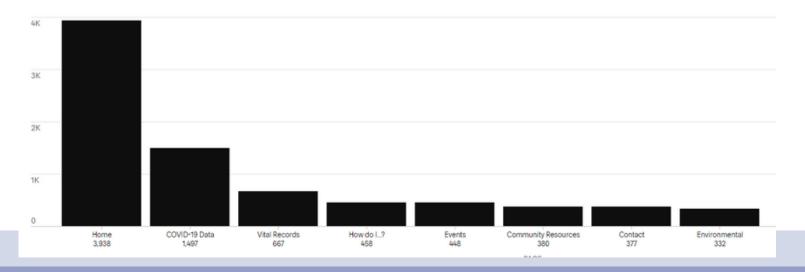




	Sessions 6.0K	Users 4.1K	New Users 3.9K	Bounce Rate 0.5%	Pages / Session 5.3	Avg. Session Duration 01:1:8
Source / Medium	Sessions	Users	New Users	Bounce Rate	Pages / Session	Avg Session Duration
google / organic	2,905	2,205	2,034	0.07%	5.79	00:01:31
(direct) / (none)	2,466	1,560	1,492	1.22%	4.5	00:01:00
bing / organic	173	144	127	0%	7.99	00:01:59
I.facebook.com / referral	86	22	12	0%	4.01	00:02:06
m.facebook.com / referral	85	63	62	0%	3.72	00:00:09
yahoo / organic	70	45	37	0%	6.09	00:01:31
jeffcohealth.sharepoint.co	43	16	2	0%	5.44	00:01:02
facebook.com / referral	35	35	35	0%	3	00:00:00
duckduckgo / organic	33	24	23	0%	6.45	00:01:11
newsbreakapp.com / refe	23	23	23	0%	3	00:00:00

Top Pageviews ②

Mar 1-31, 2023 • 62% of 13,042 Pageviews +1% mo/mo



Google Business Profiles

Hillsboro Office: 972 Interactions

% 549

+24%

271

website visits from profile

+2%

■ 1

message

3,265
 profile views
 +16%

♦ 151

people asked for directions

+18%

q 1,749

searches

+24%

Arnold: 1,503 Interactions

% 722

calls

+7%

¾ 403

website visits from profile

+16%

1 4

messages

-50%

o 5,054

profile views

+14%

◆ 374

people asked for directions

+24%

Q 2,751

searches

+19%

Monsido: Website Accessibility



Overall accessibility compliance

Done	A	AA
105 issues done	72 issues to fix/review	

Quality Assurance Report	
Overall compliance status (% of pages without issues)	93.27%
Crawl information	
Pages scanned	490
Links found	3,166
Links	
Broken links	29
Pages with broken links	33
Misspellings	
Misspellings	0
Pages with misspellings	0
Potential misspellings	81
Pages with potential misspellings	128

Readability score		
Crawl information		
Pages scanned		490
	Distribution	
Grade/Level		Pages
6th grade		8
7th grade		11
8th to 9th grade		55
10th to 12th grade		81
College		154
College graduate		181