

Notes on the data:

This report includes confirmed and probable cases; suspect cases are not included. These data are provisional as of 11/6/2023.

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The year-to-date numbers of reported cases of several **enteric illnesses** are slightly higher when compared with the median of the previous five years. Notably, cases of **shigellosis** (27 vs. 15 cases, an 80% increase) and **E. coli shiga toxin (non O157)** (27 vs. 22 cases, a 23% increase) are higher when compared with the year-to-date median of the past five years.

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Two thousand, two hundred, and eighty-two cases of **COVID-19** were reported to Saint Louis County Department of Public Health (DPH) in October 2023. This is a 32% decrease from the 3,343 cases reported in September 2023.

For more information on COVID-19, please visit our website at:

<https://stlouiscountymo.gov/st-louis-county-departments/public-health/covid-19/covid-19-data-reports/>

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Influenza activity is low in Saint Louis County, but slowly increasing. For more information on influenza in Saint Louis County, please see our Weekly Influenza Report which is updated every Wednesday during influenza season.

For our Weekly Influenza Report, please visit our website at:

<https://stlouiscountymo.gov/st-louis-county-departments/public-health/health-data-and-statistics/communicable-disease-reports/influenza-reports/influenza-weekly-report/>

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For more information on sexually transmitted infections (STIs), please visit our website at:

<https://stlouiscountymo.gov/st-louis-county-departments/public-health/health-data-and-statistics/communicable-disease-reports/sexually-transmitted-infections/>

If you need to reach us at any time outside of normal business hours, please note the following:

To report a public health emergency in Saint Louis County:

During normal business hours - Monday thru Friday 8:00 a.m. - 5:00 p.m.

Call Saint Louis County DPH at **(314) 615-1630**.

At all other times:

call **(314) 615-7677** or fax **(314) 615-7643**.

To report any Saint Louis area Hazardous Material concern: Call 911.

Saint Louis County Department of Public Health - Division of Communicable Disease Prevention
Summary Surveillance CDP Monthly Report (October 2023) Report Date: November 6, 2023

		Year to date			Monthly Totals		
		Current	Historic	% Change	August	September	October
		2023	Median of 5 previous years (2018-2022) YTD totals	from current YTD totals to historic 5 year median			
Enteric	Campylobacteriosis	91	91	0%	15	11	8
	Cryptosporidiosis	20	20	0%	3	2	1
	Cyclosporiasis	22	19	16%	2	0	0
	E. coli O157:H7	4	4	0%	1	0	0
	E. coli shiga toxin + (non O157) (not serogrouped)	27	22	23%	5	3	2
	Giardiasis	26	25	4%	3	5	4
	Hepatitis A acute	4	5	-20%	1	0	0
	Salmonellosis	116	105	10%	17	12	11
	Shiga toxin positive (Unk. organism)	0	0	N/A	0	0	0
	Shigellosis	27	15	80%	5	3	6
	Vibriosis	5	3	67%	3	0	0
Yersiniosis	17	6	183%	0	4	1	
Enteric Totals		359			55	40	33
Respiratory	COVID-19	20652	33455	-38%	3068	3343	2282
	Legionellosis	17	24	-29%	5	1	2
	Pertussis	5	30	-83%	1	3	0
Respiratory Totals		20674			3074	3347	2284
Vector Borne	Anaplasma phagocytophilum	0	0	N/A	0	0	0
	Dengue fever	1	0	N/A	1	0	0
	Ehrlichiosis	36	28	29%	2	3	1
	Lyme	8	2	300%	0	1	0
	Malaria	2	2	0%	1	0	0
	Q fever	0	0	N/A	0	0	0
	Rocky Mountain spotted fever	2	8	-75%	1	0	0
	Tularemia	0	0	N/A	0	0	0
	West Nile, neuroinvasive	8	1	700%	4	3	1
	West Nile, non neuroinvasive	0	0	N/A	0	0	0
Zika	0	0	N/A	0	0	0	
Vector Borne Totals		57			9	7	2
Systemic	Haemophilus influenzae, invasive	21	10	110%	1	2	3
	Hepatitis B acute	2	4	-50%	0	1	0
	Hepatitis C acute	3	7	-57%	1	0	0
	Hepatitis C chronic	220	301	-27%	27	18	14
	Listeriosis	0	3	-100%	0	0	0
	Meningococcal disease	0	1	-100%	0	0	0
	Mpox	2	0	N/A	1	0	0
	Mumps	0	1	-100%	0	0	0
	Staph aureus, VISA	0	5	-100%	0	0	0
	Strep Pneumoniae, invasive	42	42	0%	3	4	2
Toxic shock (strep or staph) syndrome	2	0	N/A	0	1	0	
Systemic Totals		292			33	26	19
Mycobacterial	Nontuberculous Mycobacteria (NTM)	104	112	-7%	11	5	13
	TB disease*	8	15	-47%	1	0	0
	TB infection	230	406	-43%	33	23	7
Mycobacterial Totals		342			45	28	20

*Includes reported and/or managed TB cases

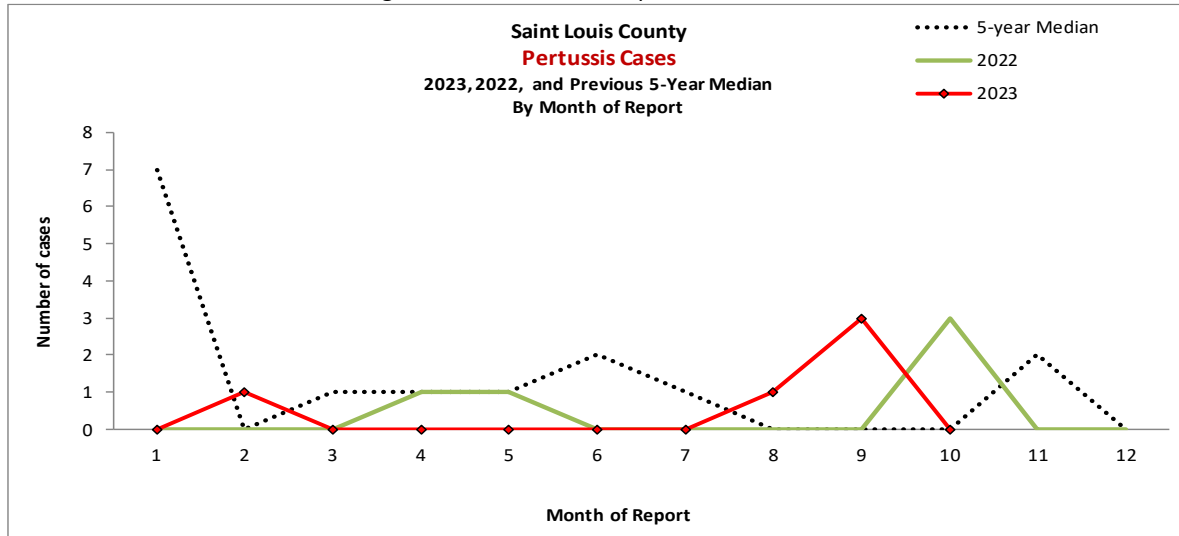
Saint Louis County Department of Public Health - Division of Communicable Disease Prevention

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Respiratory Disease:

PERTUSSIS: There were zero new cases of Pertussis reported in October 2023.

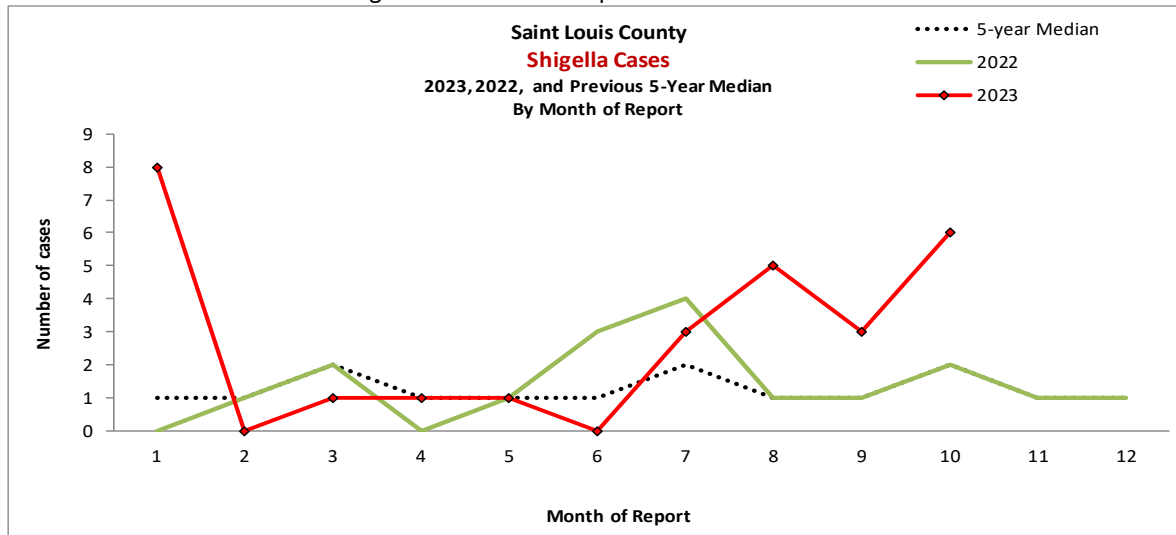
During the previous five years, the median number of cases has ranged from zero to seven per month.



Acute Gastrointestinal Diseases:

SHIGELLA: There were six new cases of Shigella reported in October 2023.

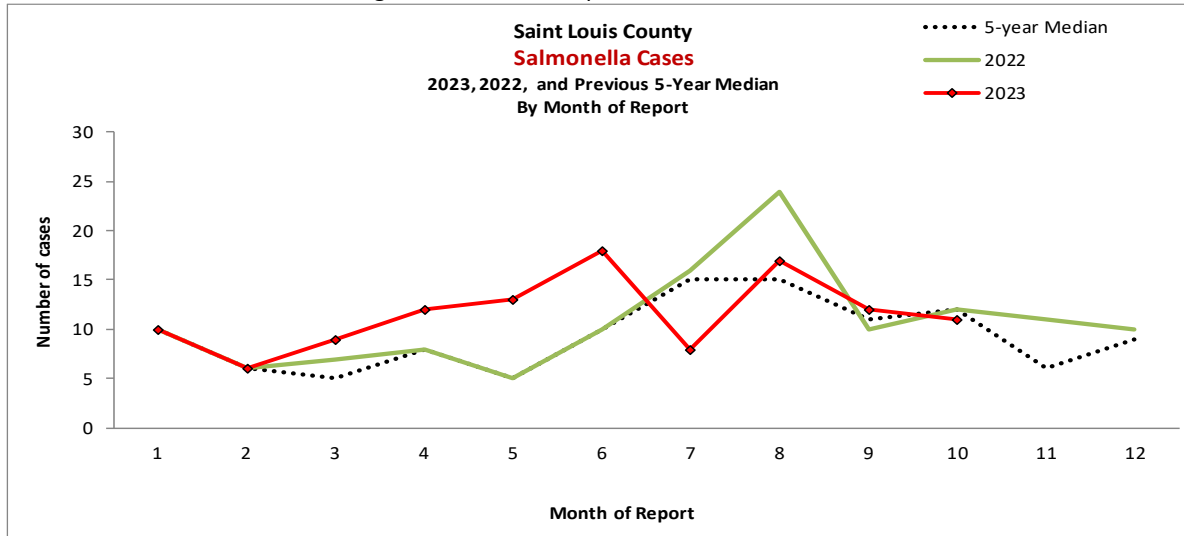
During the previous five years, the median number of cases has ranged from one to two per month.



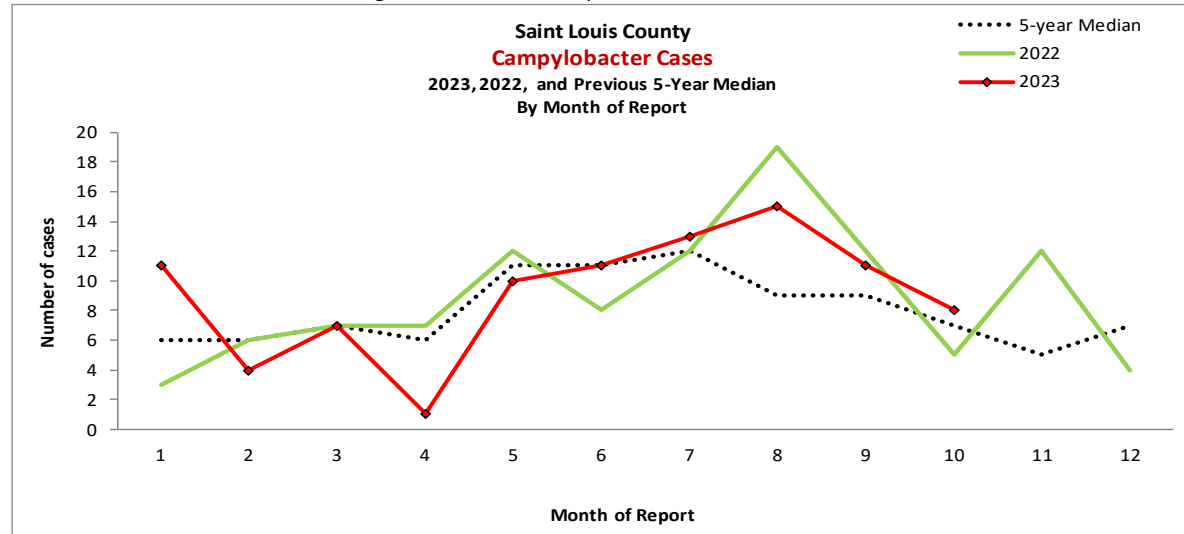
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SALMONELLA: There were 17 new cases of Salmonella reported in October 2023. During the previous five years, the median number of cases has ranged from five to 15 per month.

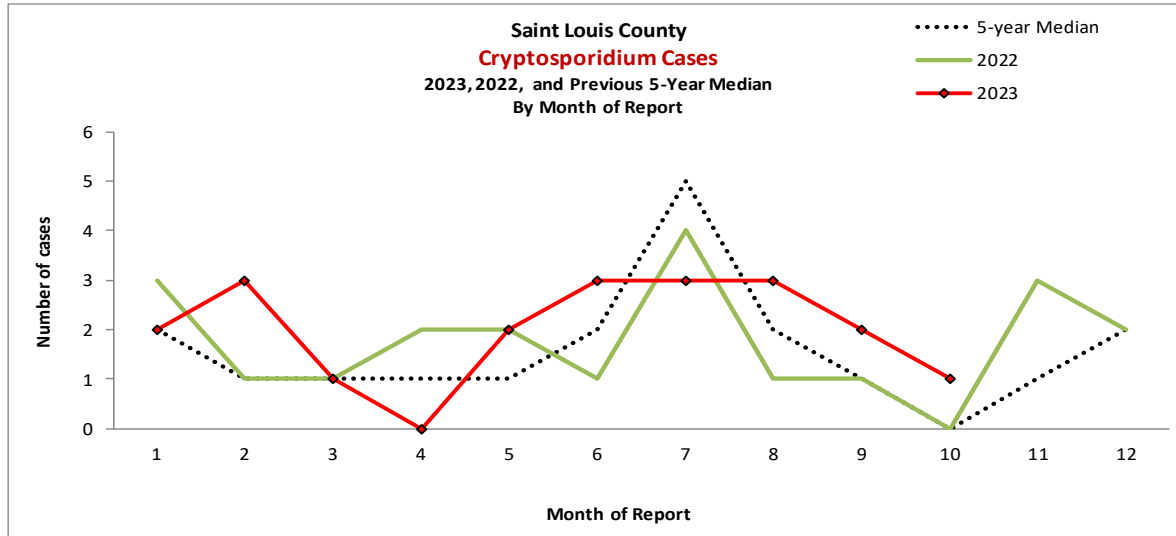


CAMPYLOBACTER: There were eight new cases of Campylobacter reported in October 2023. During the previous five years, the median number of cases has ranged from five to 12 per month.

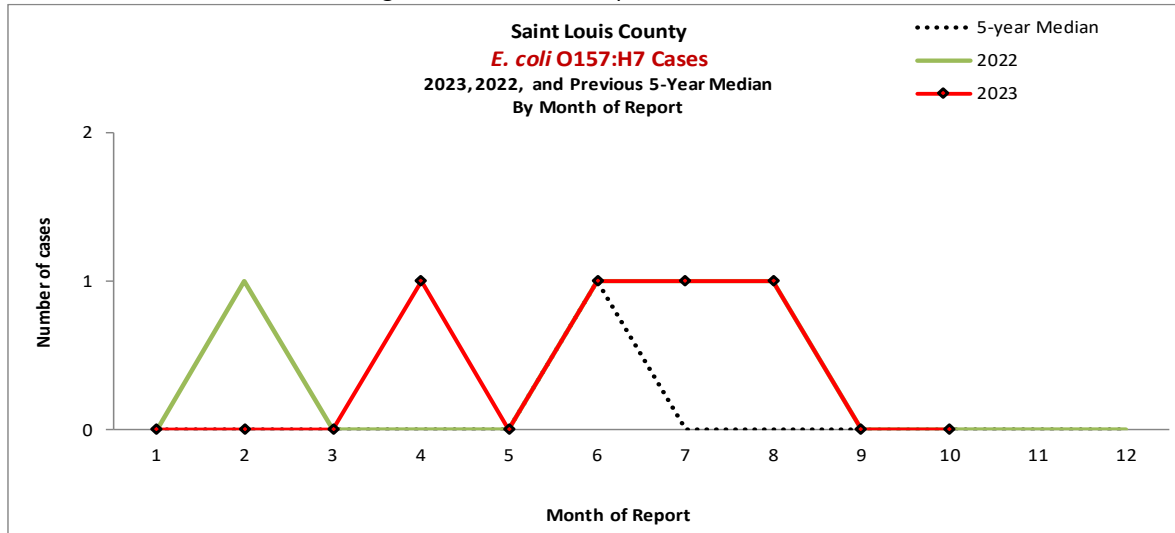


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CRYPTOSPORIDIOSIS: There was one new case of *Cryptosporidium* reported in October 2023. During the previous five years, the median number of cases has ranged from zero to five per month.

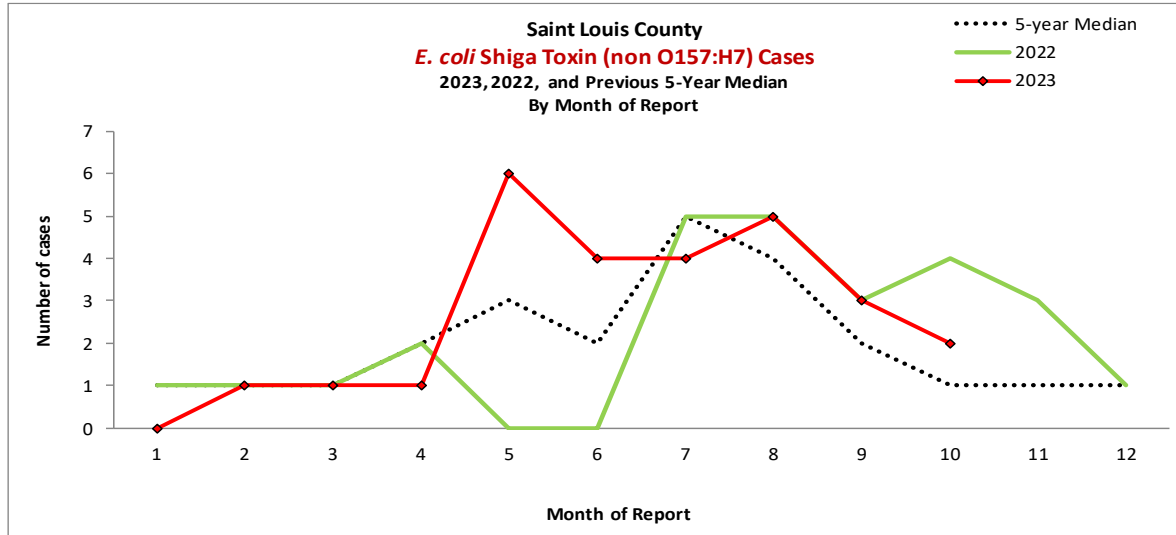


E. COLI O157:H7: There were zero new cases of *E. coli* O157:H7 reported in October 2023. During the previous five years, the median number of cases has ranged from zero to one per month.



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E. COLI SHIGA TOXIN (non O157:H7): There were two new cases of *E. coli* Shiga Toxin (non O157:H7) reported in October 2023. During the previous five years, the median number of cases has ranged from one to five per month.



GIARDIA: There were four new cases of Giardia reported in October 2023. During the previous five years, the median number of cases has ranged from one to three per month.

