

# Monthly Surveillance Report

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

Report Month: June

Report Date: July 03, 2024

## Report Summary

[The incidence of **enteric illnesses** is rising, as is typical for summer. There were 55 cases of reportable enteric illnesses in June, compared to 29 cases in May. The year-to-date numbers of reported cases of several enteric diseases are higher than the five-year median, including **campylobacteriosis** (56 vs. 44 cases, 27% increase), **giardiasis** (19 vs. 10 cases, 90% increase), **salmonellosis** (57 vs. 46 cases, 24% increase), and **shigellosis** (14 vs. 7 cases, 100% increase).

There has been a notable increase in **pertussis** cases. Thirty four cases have been reported so far in 2024, including 26 in the last 3 months. Most cases have been reported in school-aged children, with limited household transmission.

Two cases of **animal rabies** were identified in June, both in bats.

For more information on sexually transmitted infections (STIs), please visit our website at: <https://stlouiscountymo.gov/st-louis-countydepartments/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 through 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.]

*Data Notes:* This report includes confirmed and probable cases; suspect cases are not included. These data are provisional as of July 03, 2024.

Table 1: Summary Table

Condition	Year to Date			Monthly Totals		
	5-year Median	2024 Cases	% Change	Apr	May	Jun
<b>Type: Bite Exposure</b>						
Animal bites	178	211	18.5	28	47	45
Rabies post-exposure prophylaxis (RPEP)	68	132	94.1	21	32	30
Rabies, animal	2	2	0.0	0	0	2
Total		345		49	79	77
<b>Type: Enterics</b>						
Campylobacteriosis	44	56	27.3	8	9	18
Cryptosporidiosis	11	6	-45.5	2	3	0
Cyclosporiasis	2	2	0.0	0	0	2
E. coli O157:H7	2	1	-50.0	0	0	0
E. coli shiga toxin (non-O157)	12	15	25.0	0	0	7
Giardiasis	10	19	90.0	5	1	5
Listeriosis	1	2	100.0	0	0	2
Salmonellosis	46	57	23.9	5	12	17
Shigellosis	7	14	100.0	1	3	4
Typhoid fever	0	0		0	0	0
Vibriosis	1	0	-100.0	0	0	0
Yersiniosis	5	4	-20.0	1	1	0
Total		176		22	29	55
<b>Type: Mycobacterial</b>						
Latent TB infection (LTBI)	205	141	-31.2	27	19	10

Table 1: **Summary Table**

Condition	Year to Date			Monthly Totals		
	5-year Median	2024 Cases	% Change	Apr	May	Jun
Nontuberculosis mycobacteria (NTM)	65	68	4.6	6	16	12
TB disease	7	11	57.1	2	1	1
Total		220		35	36	23
<b>Type: Sexually Transmitted</b>						
Chlamydia	3,079	3,007	-2.3	448	577	493
Gonorrhea	1,492	1,084	-27.3	163	203	173
Syphilis, total	282	255	-9.6	46	46	21
Total		4,346		657	826	687
<b>Type: Systemic</b>						
Botulism	0	0		0	0	0
Brucellosis	0	0		0	0	0
Coccidioidomycosis	0	0		0	0	0
Creutzfeld-Jakob disease (CJD)	0	0		0	0	0
Haemophilus influenzae, invasive	8	13	62.5	0	2	0
Legionellosis	9	9	0.0	0	6	2
Mpox	0	4		0	2	1
Strep Pneumoniae, invasive	29	50	72.4	6	5	6
Toxic shock syndrome (Strep or Staph)	0	0		0	0	0
Total		76		6	15	9
<b>Type: Vaccine-Preventable</b>						
COVID-19	13,312	10,232	-23.1	678	615	1,293

Table 1: Summary Table

Condition	Year to Date			Monthly Totals		
	5-year Median	2024 Cases	% Change	Apr	May	Jun
Diphtheria	0	0		0	0	0
Measles	0	0		0	0	0
Meningococcal disease	1	0	-100.0	0	0	0
Mumps	0	0		0	0	0
Pertussis	2	34	1,600.0	10	11	5
Rubella	0	0		0	0	0
Tetanus	0	0		0	0	0
Varicella (chickenpox)	6	4	-33.3	0	0	1
Total		10,270		688	626	1,299
<b>Type: Vectorborne</b>						
Anaplasmosis	0	1		0	0	0
Chikungunya virus	0	0		0	0	0
Dengue fever	0	5		0	0	1
Ehrlichiosis	11	24	118.2	1	7	16
Lyme	0	0		0	0	0
Malaria	0	1		0	1	0
Rocky mountain spotted fever	2	2	0.0	2	0	0
Tularemia	0	0		0	0	0
West Nile virus	0	0		0	0	0
Yellow fever	0	0		0	0	0
Zika virus	0	0		0	0	0

Table 1: **Summary Table**

Condition	Year to Date			Monthly Totals		
	5-year Median	2024 Cases	% Change	Apr	May	Jun
Total		33		3	8	17
<b>Type: Viral Hepatitis</b>						
Hepatitis A, acute	2	1	-50.0	0	0	0
Hepatitis B, acute	2	2	0.0	0	0	0
Hepatitis B, chronic	47	74	57.4	12	18	11
Hepatitis B, prenatal	8	7	-12.5	0	0	2
Hepatitis C, acute	5	2	-60.0	0	1	0
Hepatitis C, chronic	178	122	-31.5	16	24	20
Total		208		28	43	33

Campylobacteriosis: 18 new case(s) of Campylobacteriosis reported June, 2024

**Fig. 1. Cumulative Campylobacteriosis Cases**  
By Month of Report

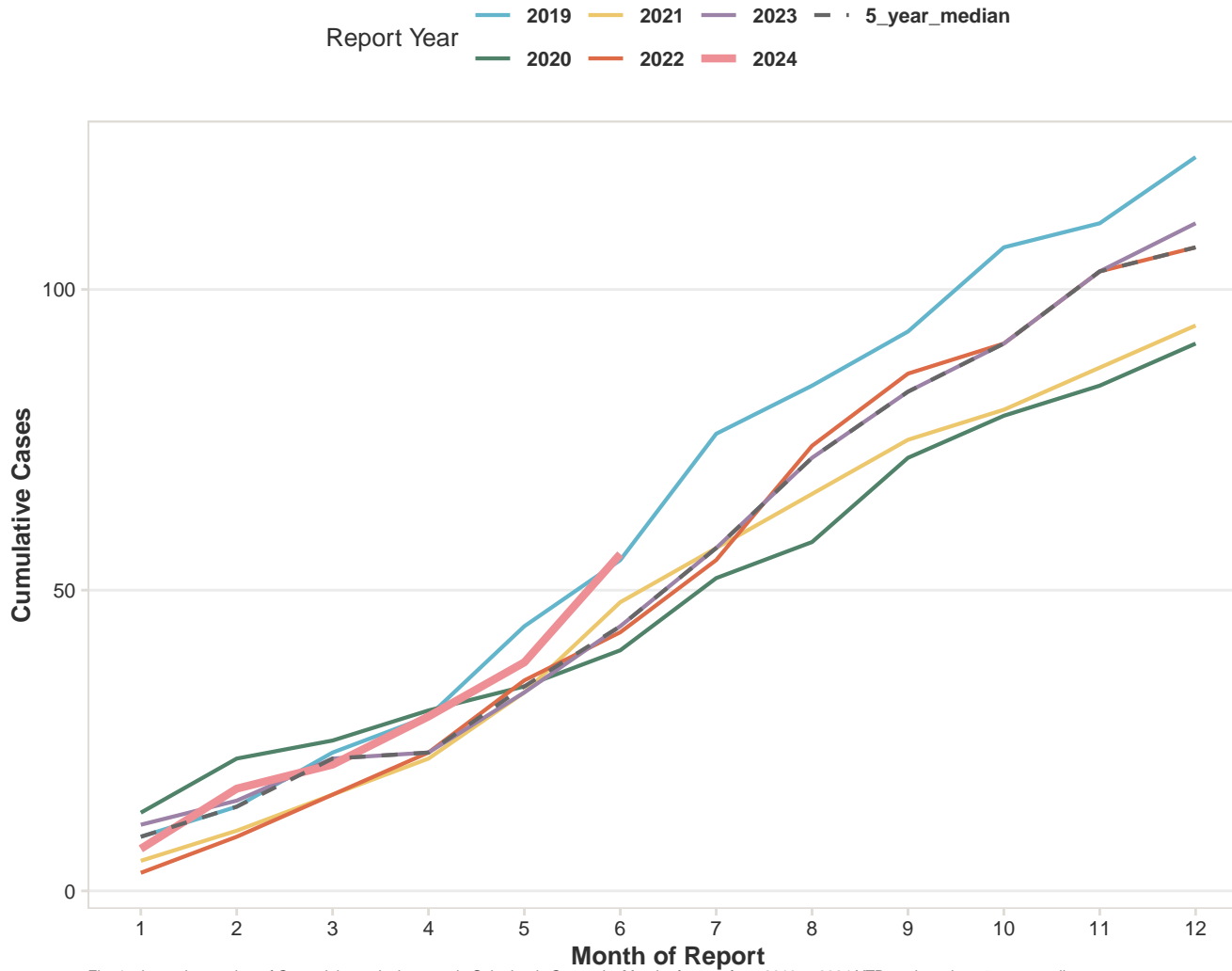


Fig. 1. shows the number of Campylobacteriosis cases in Saint Louis County by Month of report from 2019 to 2024 YTD, and previous 5-year median.

Cryptosporidiosis: 0 new case(s) of Cryptosporidiosis reported June, 2024

**Fig. 2. Cumulative Cryptosporidiosis Cases**  
By Month of Report

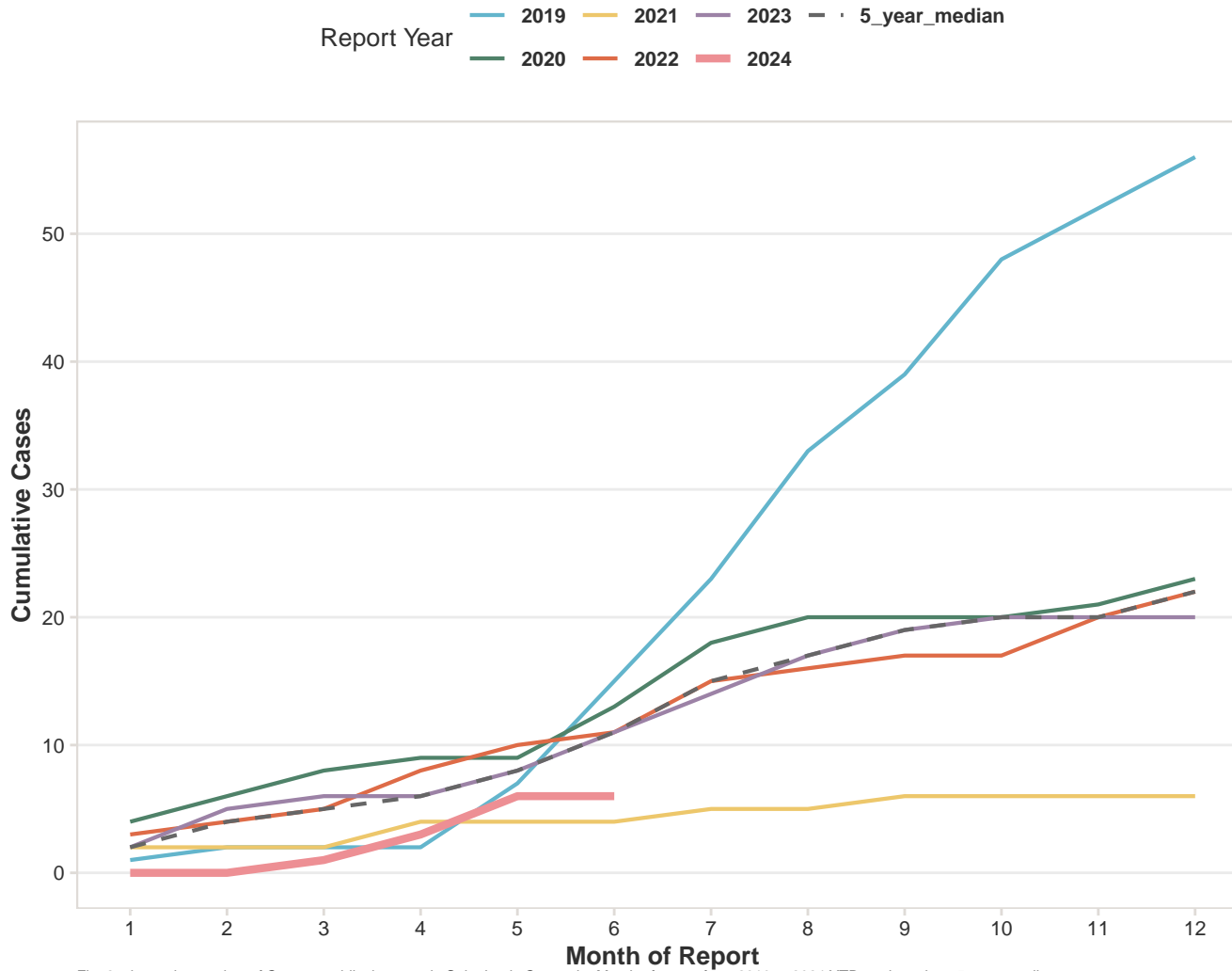


Fig. 2. shows the number of Cryptosporidiosis cases in Saint Louis County by Month of report from 2019 to 2024 YTD, and previous 5-year median.

Cyclosporiasis: 2 new case(s) of Cyclosporiasis reported June, 2024

**Fig. 3. Cumulative Cyclosporiasis Cases**  
By Month of Report

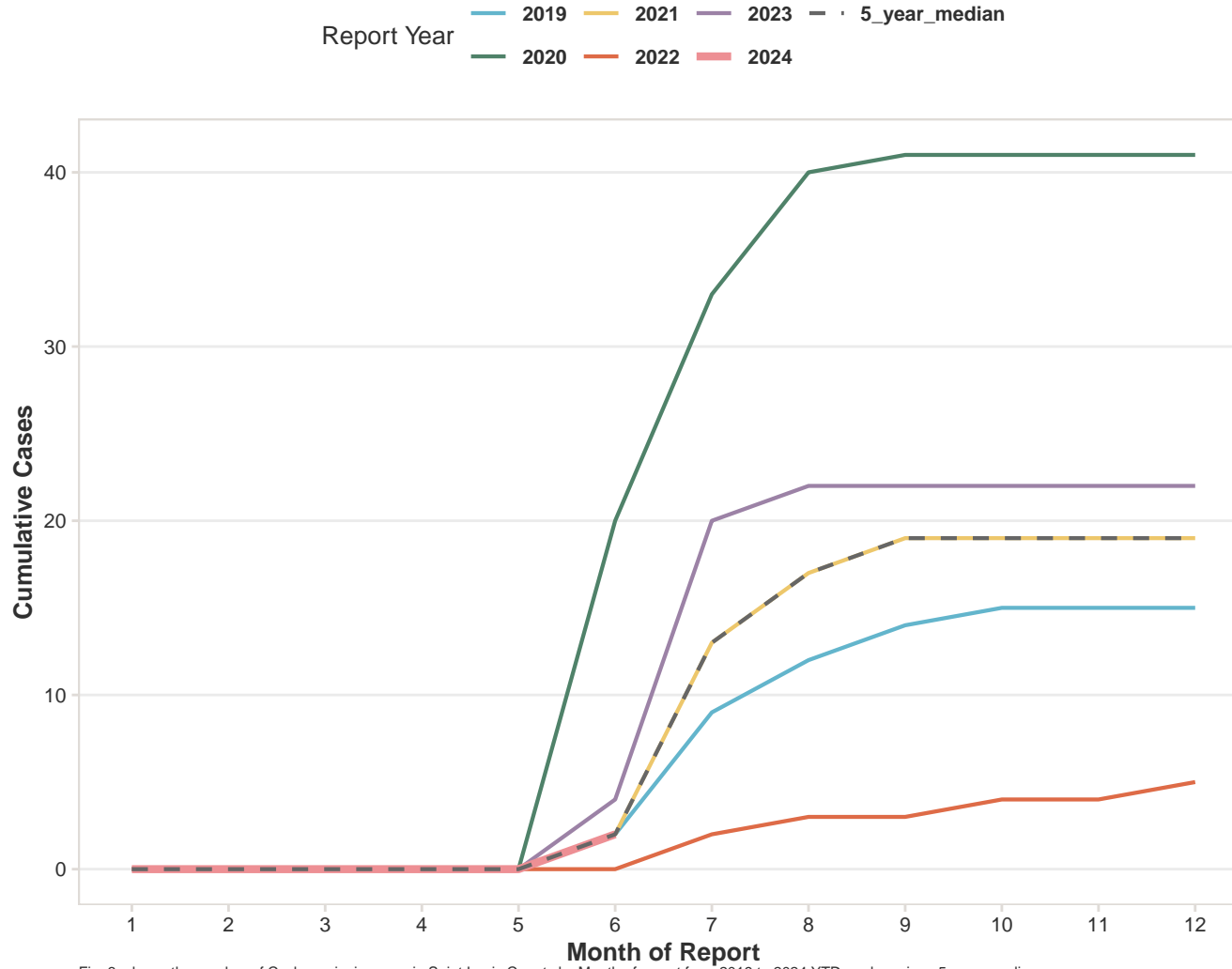


Fig. 3. shows the number of Cyclosporiasis cases in Saint Louis County by Month of report from 2019 to 2024 YTD, and previous 5-year median.



E. coli O157:H7: 0 new case(s) of E. coli O157:H7 reported June, 2024

**Fig. 4. Cumulative E. coli O157:H7 Cases**  
By Month of Report

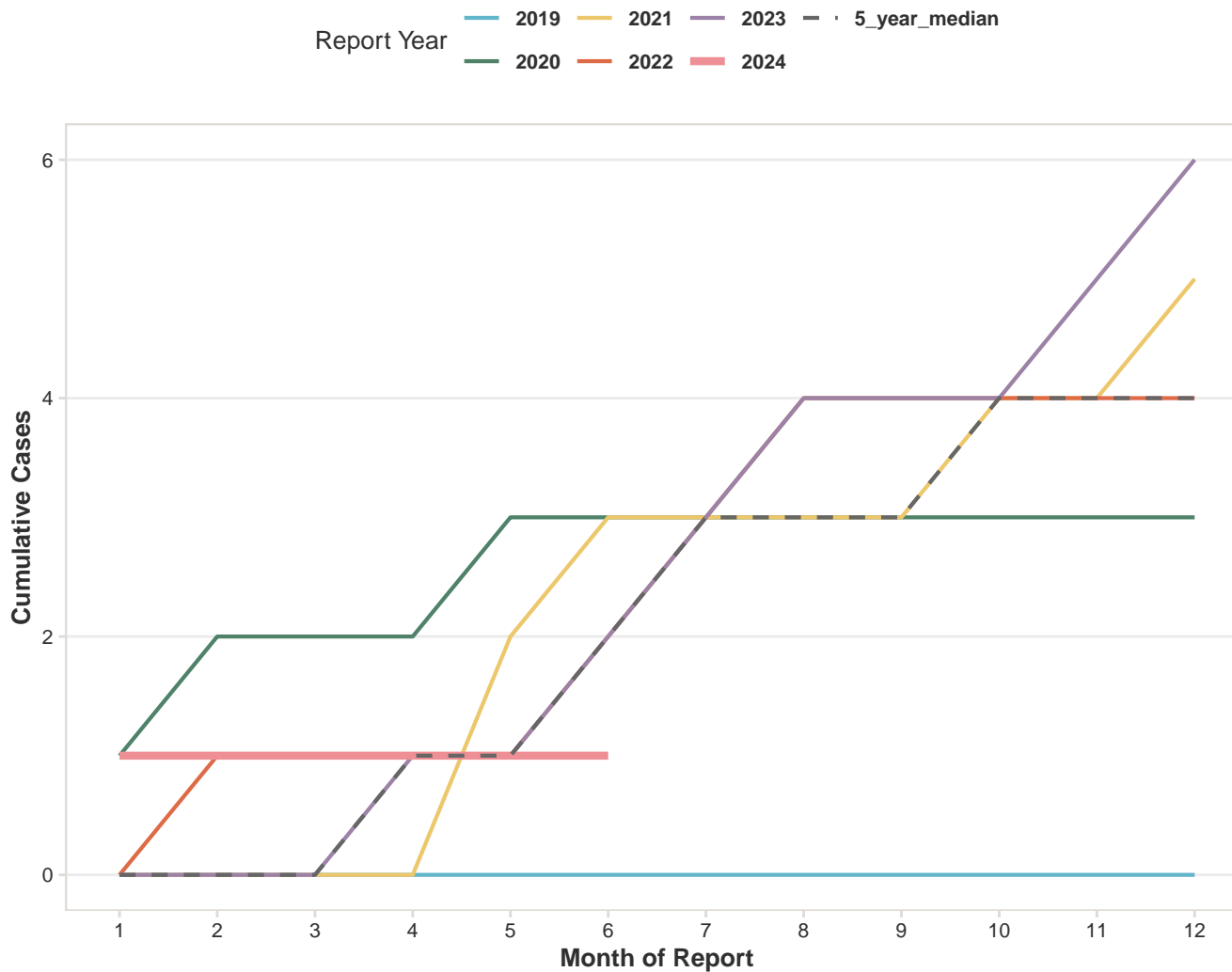


Fig. 4. shows the number of E. coli O157:H7 cases in Saint Louis County by Month of report from 2019 to 2024 YTD, and previous 5-year median.

E. coli shiga toxin (non-O157): 7 new case(s) of E. coli shiga toxin (non-O157) reported June, 2024

**Fig. 5. Cumulative E. coli shiga toxin (non-O157) Cases**  
By Month of Report

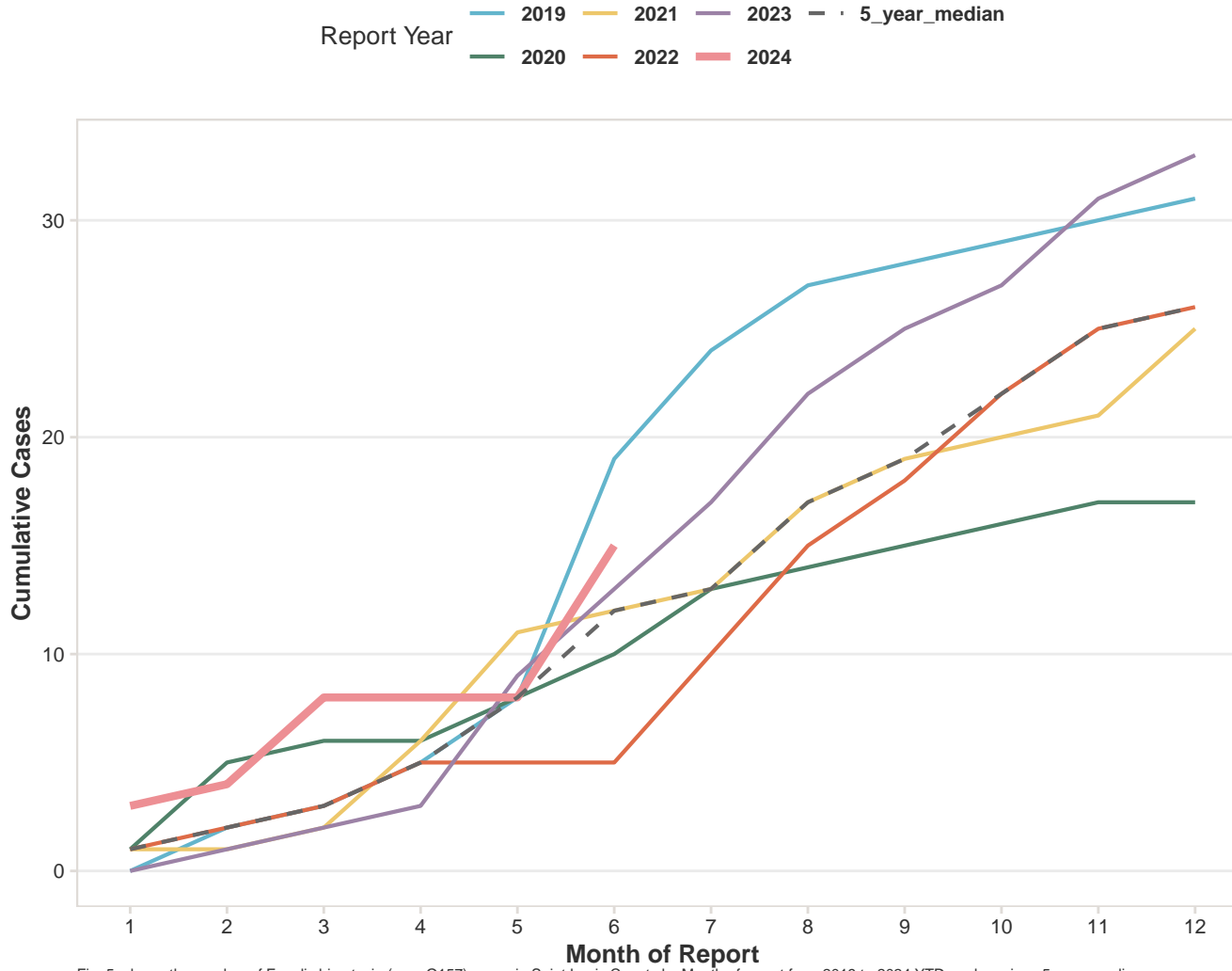


Fig. 5. shows the number of E. coli shiga toxin (non-O157) cases in Saint Louis County by Month of report from 2019 to 2024 YTD, and previous 5-year median.

Ehrlichiosis: 16 new case(s) of Ehrlichiosis reported June, 2024

**Fig. 6. Cumulative Ehrlichiosis Cases**  
By Month of Report

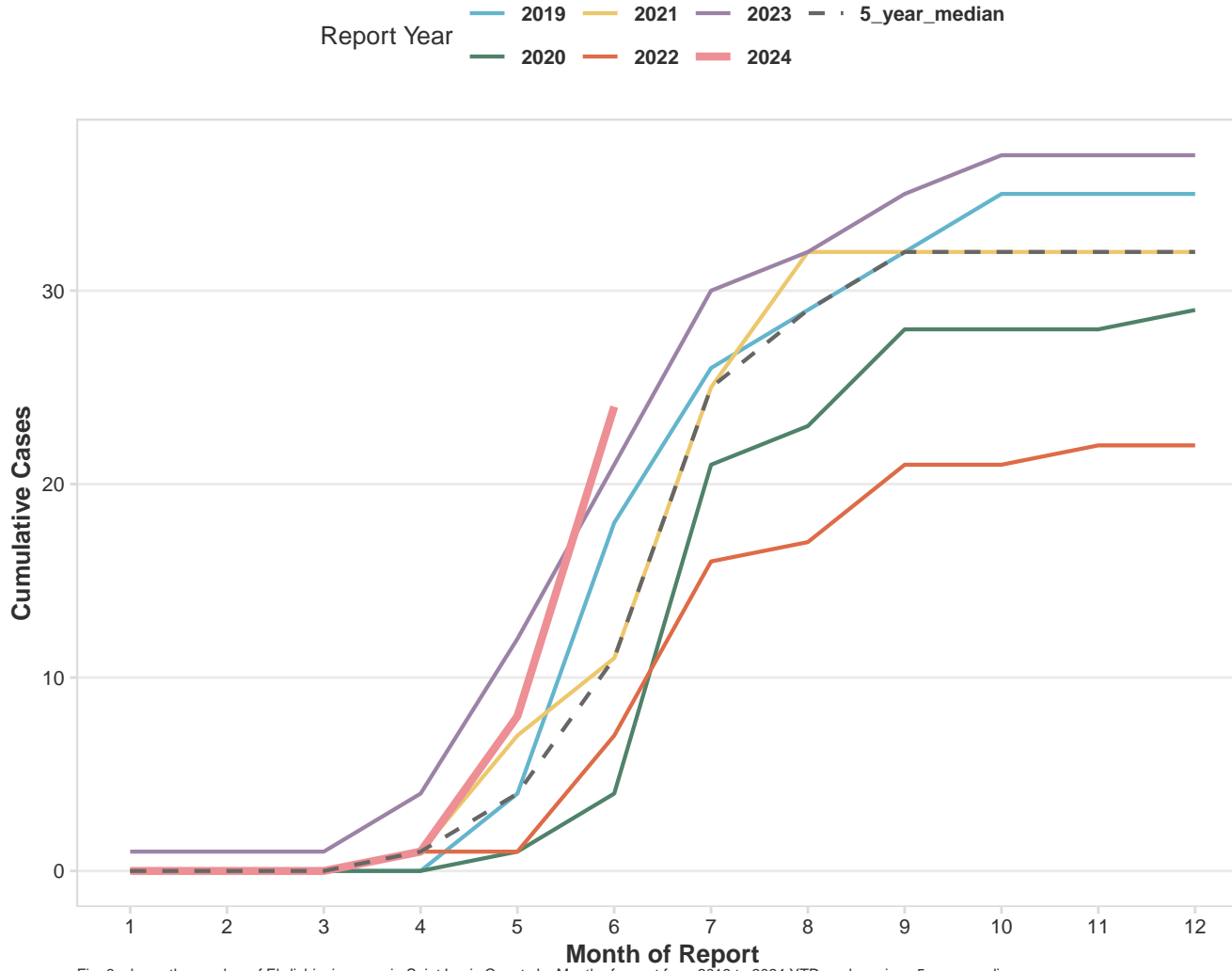


Fig. 6. shows the number of Ehrlichiosis cases in Saint Louis County by Month of report from 2019 to 2024 YTD, and previous 5-year median.

Hepatitis A, acute: 0 new case(s) of Hepatitis A, acute reported June, 2024

**Fig. 7. Cumulative Hepatitis A, acute Cases**  
By Month of Report

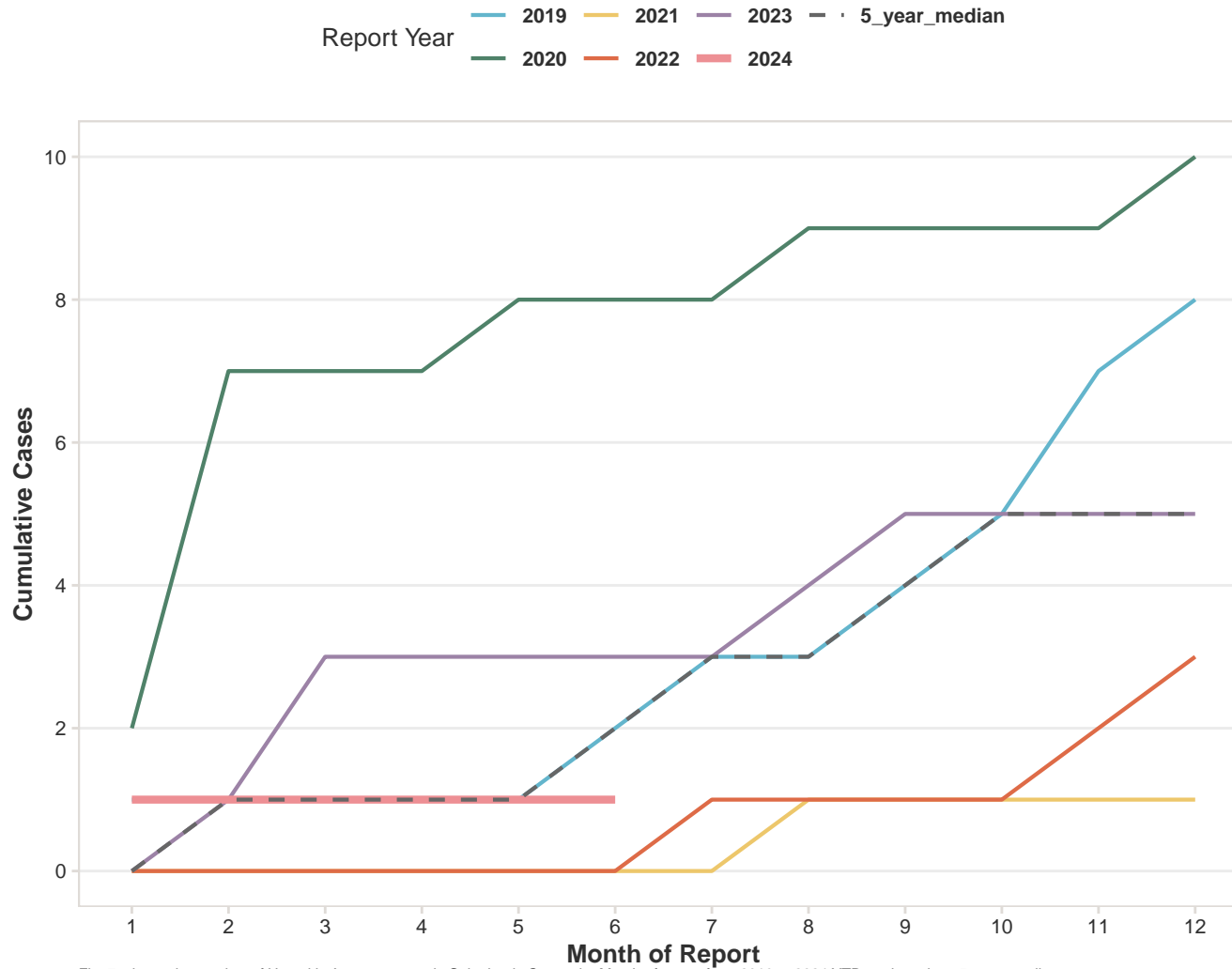


Fig. 7. shows the number of Hepatitis A, acute cases in Saint Louis County by Month of report from 2019 to 2024 YTD, and previous 5-year median.

Hepatitis B, acute: 0 new case(s) of Hepatitis B, acute reported June, 2024

**Fig. 8. Cumulative Hepatitis B, acute Cases**  
By Month of Report

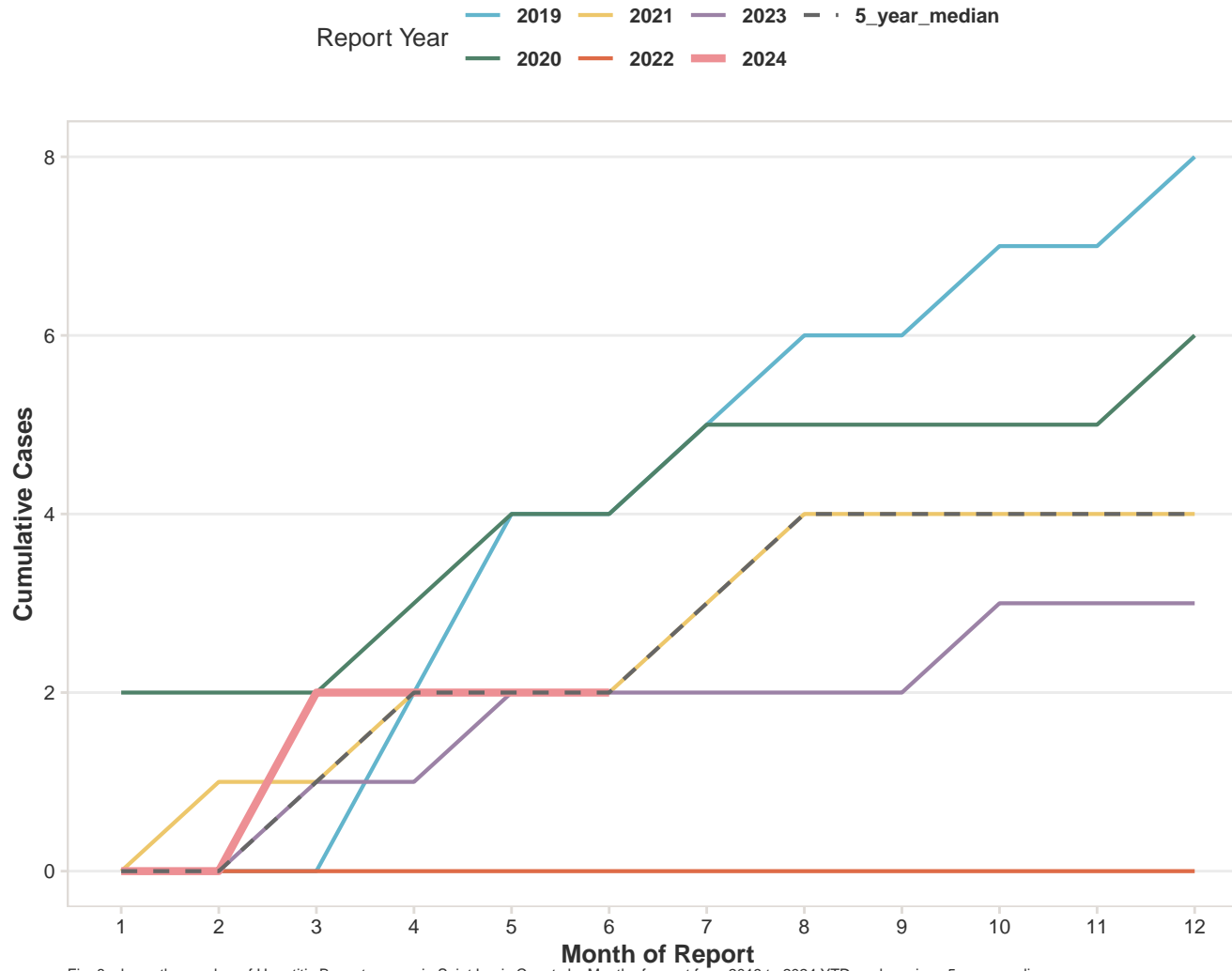


Fig. 8. shows the number of Hepatitis B, acute cases in Saint Louis County by Month of report from 2019 to 2024 YTD, and previous 5-year median.

Hepatitis C, acute: 0 new case(s) of Hepatitis C, acute reported June, 2024

**Fig. 9. Cumulative Hepatitis C, acute Cases**  
By Month of Report

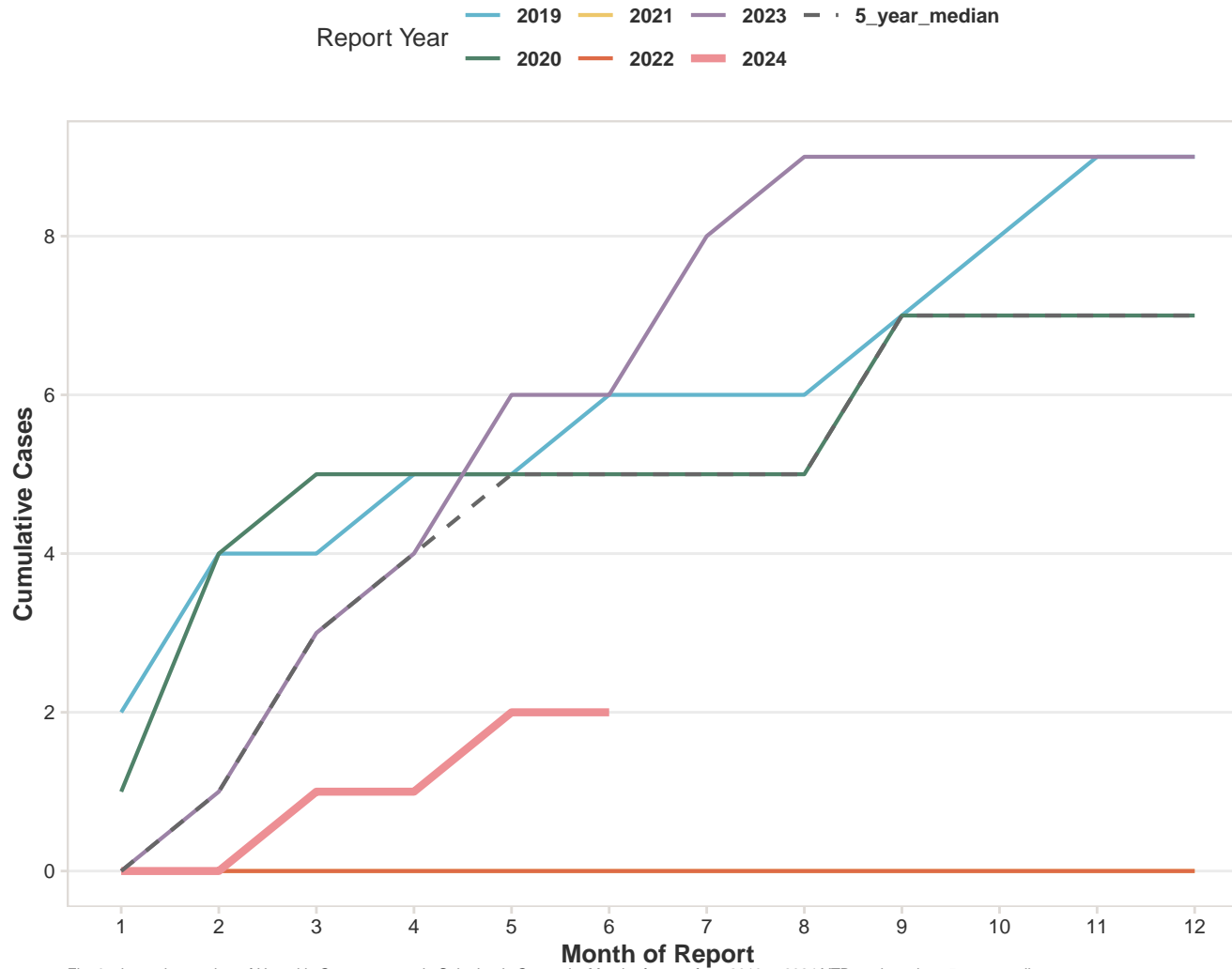


Fig. 9. shows the number of Hepatitis C, acute cases in Saint Louis County by Month of report from 2019 to 2024 YTD, and previous 5-year median.

Legionellosis: 2 new case(s) of Legionellosis reported June, 2024

**Fig. 10. Cumulative Legionellosis Cases**  
By Month of Report

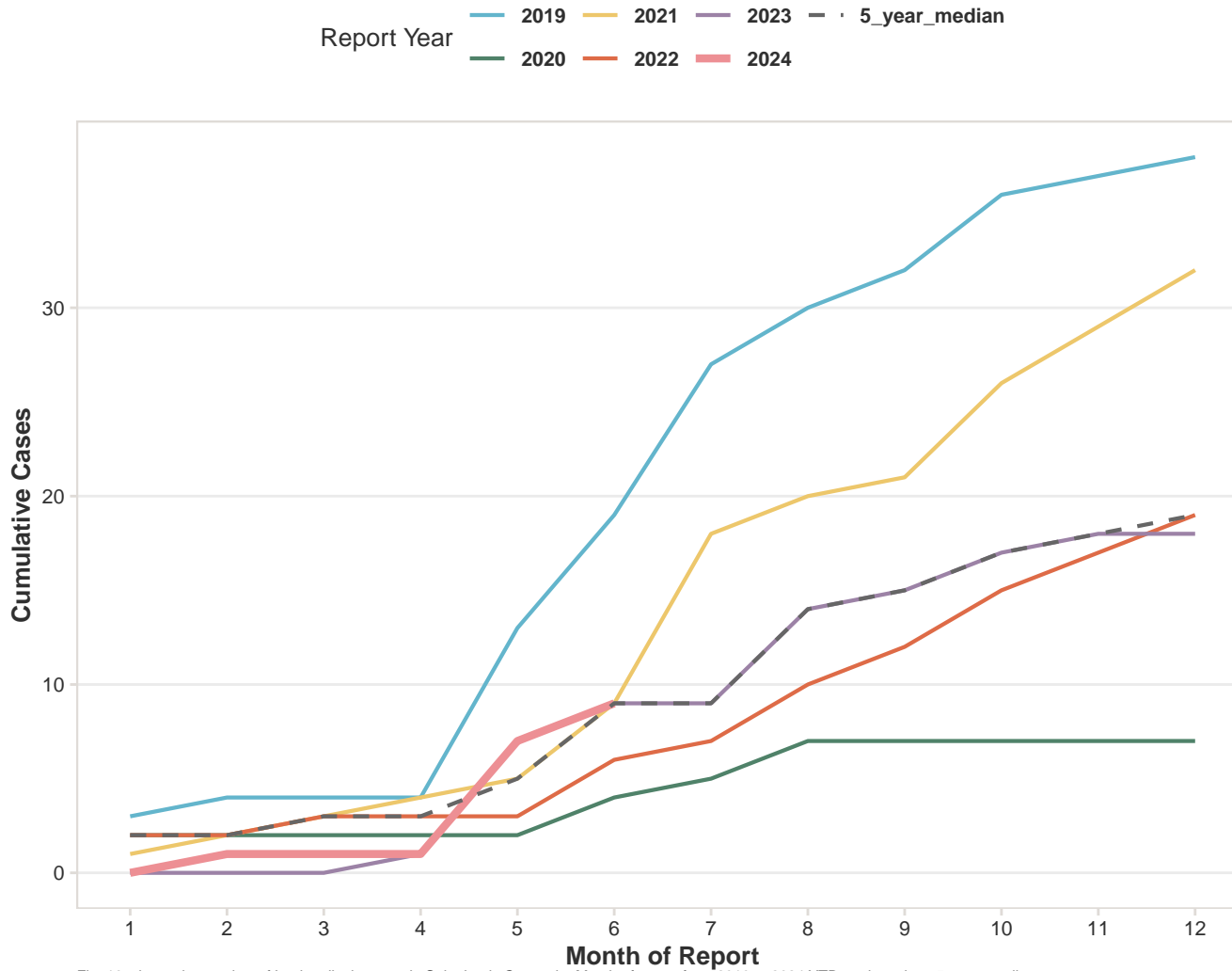


Fig. 10. shows the number of Legionellosis cases in Saint Louis County by Month of report from 2019 to 2024 YTD, and previous 5-year median.

Rabies, animal: 2 new case(s) of Rabies, animal reported June, 2024

**Fig. 11. Cumulative Rabies, animal Cases**  
By Month of Report

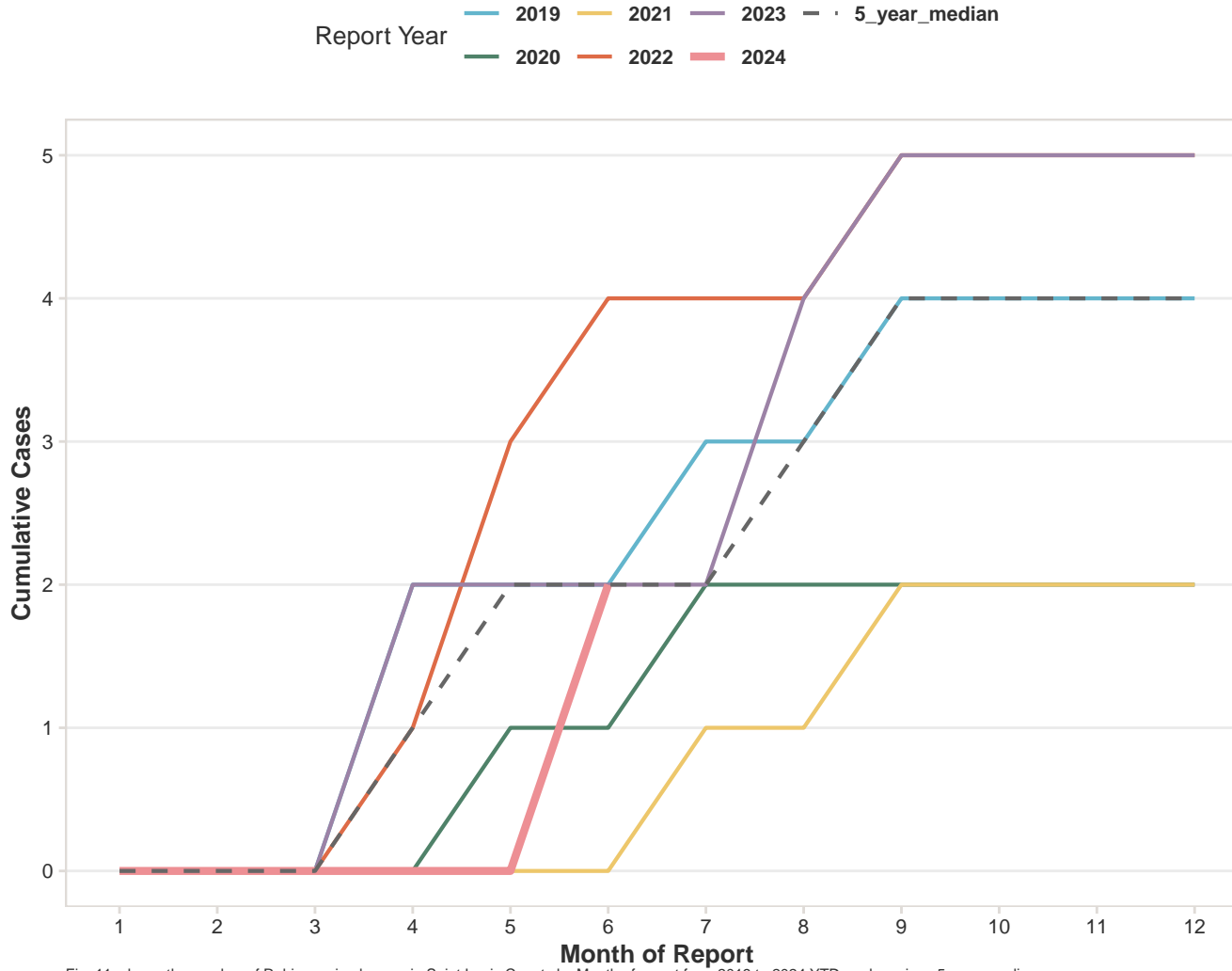


Fig. 11. shows the number of Rabies, animal cases in Saint Louis County by Month of report from 2019 to 2024 YTD, and previous 5-year median.



Salmonellosis: 17 new case(s) of Salmonellosis reported June, 2024

**Fig. 12. Cumulative Salmonellosis Cases**  
By Month of Report

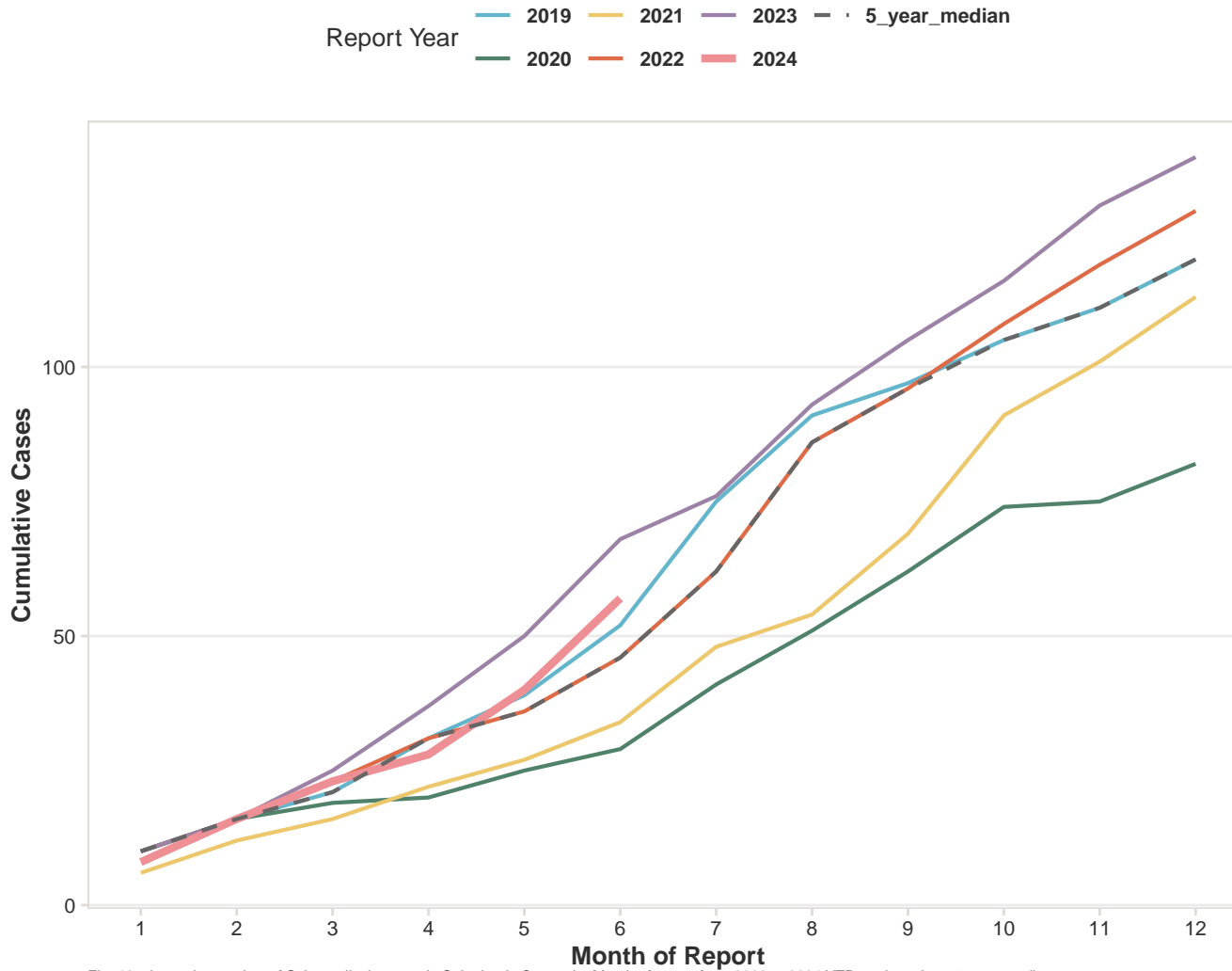


Fig. 12. shows the number of Salmonellosis cases in Saint Louis County by Month of report from 2019 to 2024 YTD, and previous 5-year median.

Shigellosis: 4 new case(s) of Shigellosis reported June, 2024

**Fig. 13. Cumulative Shigellosis Cases**  
By Month of Report

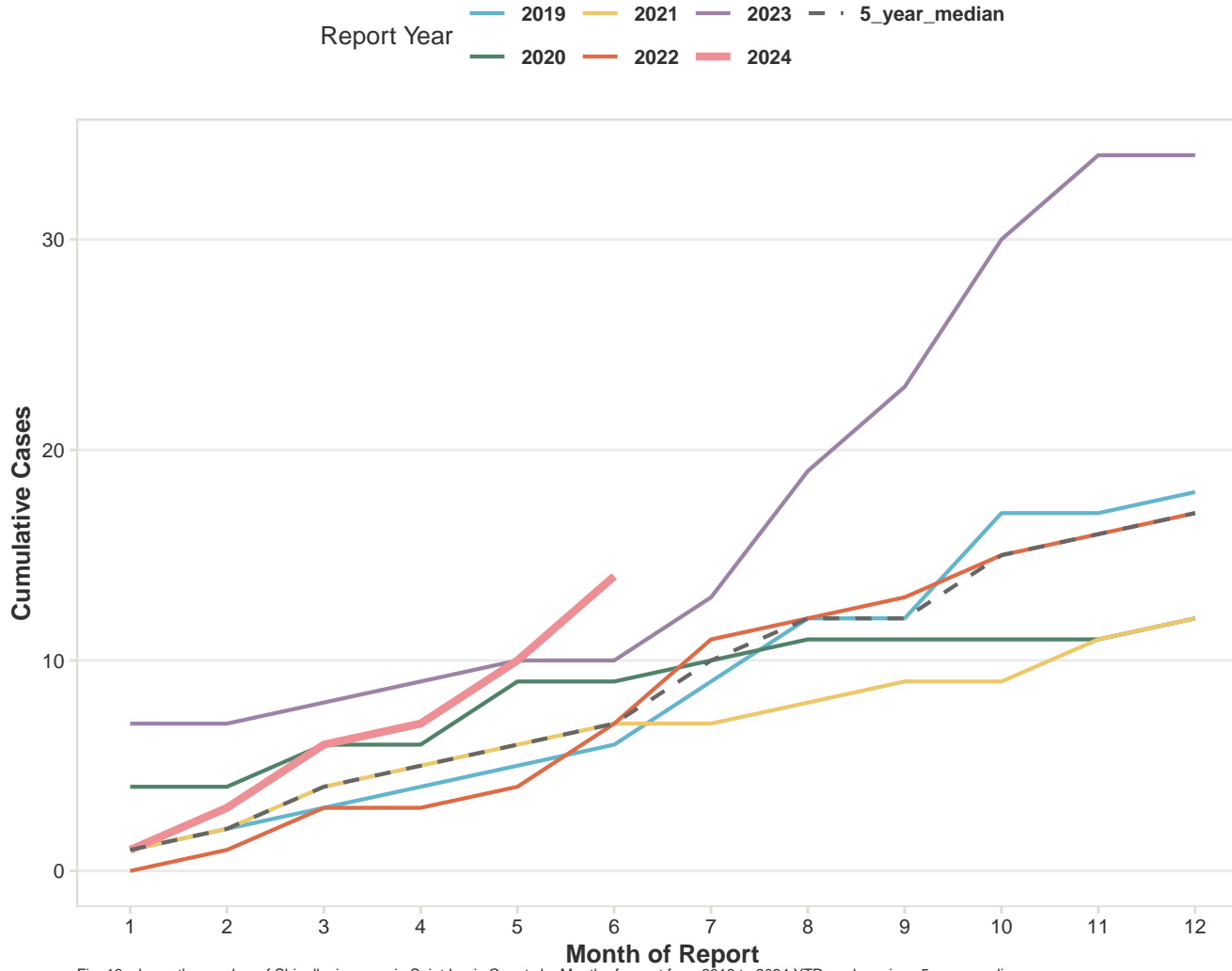


Fig. 13. shows the number of Shigellosis cases in Saint Louis County by Month of report from 2019 to 2024 YTD, and previous 5-year median.

TB disease: 1 new case(s) of TB disease reported June, 2024

**Fig. 14. Cumulative TB disease Cases**  
By Month of Report

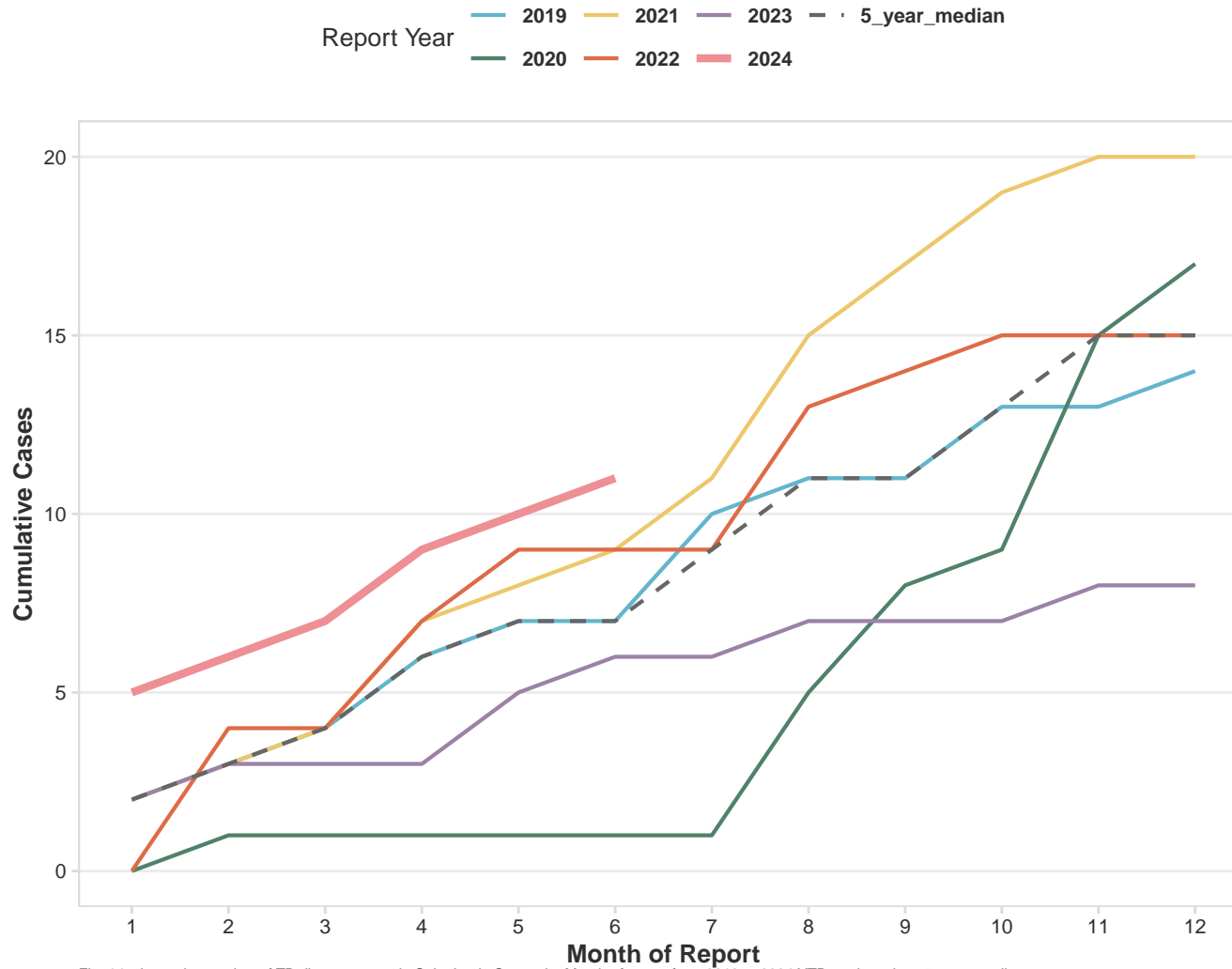


Fig. 14. shows the number of TB disease cases in Saint Louis County by Month of report from 2019 to 2024 YTD, and previous 5-year median.

West nile virus: 0 new case(s) of West nile virus reported June, 2024

**Fig. 15. Cumulative West nile virus Cases**  
By Month of Report

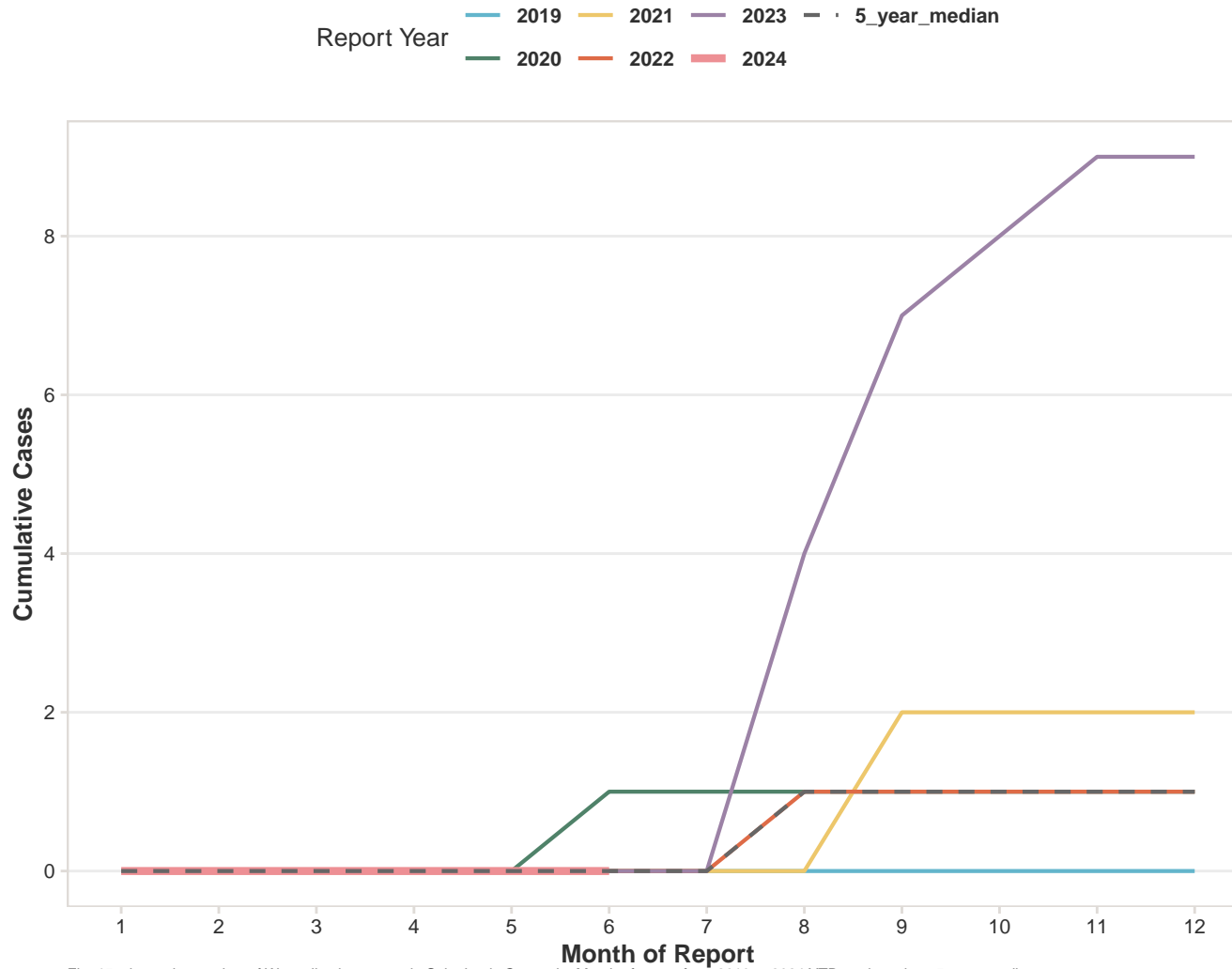


Fig. 15. shows the number of West nile virus cases in Saint Louis County by Month of report from 2019 to 2024 YTD, and previous 5-year median.

Varicella (chickenpox): 1 new case(s) of Varicella (chickenpox) reported June, 2024

**Fig. 16. Cumulative Varicella (chickenpox) Cases**  
By Month of Report

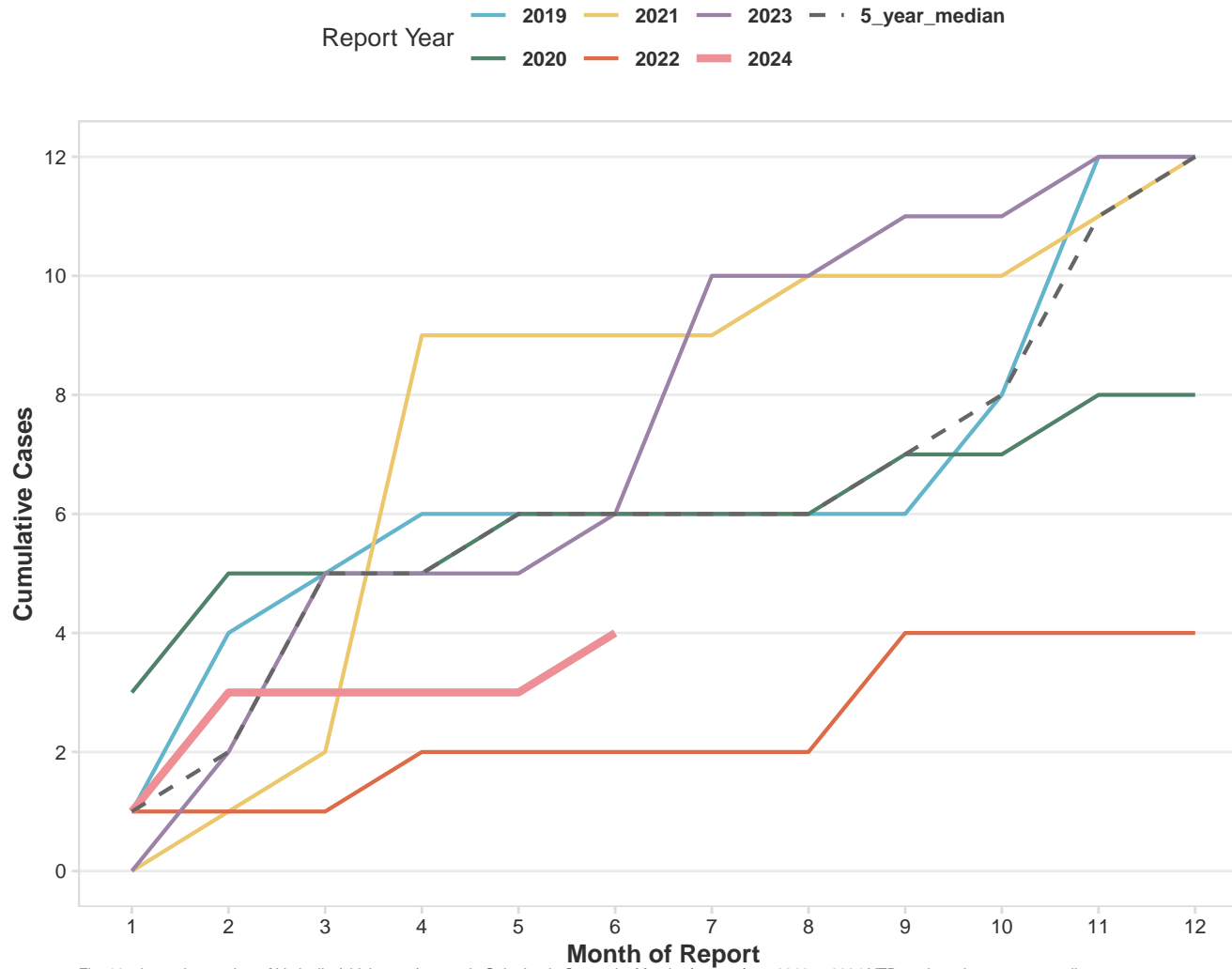


Fig. 16. shows the number of Varicella (chickenpox) cases in Saint Louis County by Month of report from 2019 to 2024 YTD, and previous 5-year median.