

Monthly Surveillance Report

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

Report Month: March

Report Date: April 01, 2024

Report Summary

[The year-to-date numbers of several **enteric illnesses** are about the same when compared with the median of the previous five years. With only three months' of data, however, it's too early in the year to assess any meaningful trends across years.

One thousand, one hundred, and thirty-five (1,135) cases of **COVID-19** were reported to DPH in March 2024. This is a 52 percent decrease from the 2,358 cases reported in February 2024. 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/>

Influenza activity is declining in Saint Louis County. For more information on influenza, 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/>

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.]

Data Notes: This report includes confirmed and probable cases; suspect cases are not included. These data provisional as of April 01, 2024.

Table 1: Summary Table

Condition	Year to Date			Monthly Totals		
	5-year Median	2024 Cases	% Change	Jan	Feb	Mar
Type: Bite Exposure						
Animal bites	52	91	75.0	33	28	30
Rabies post-exposure prophylaxis (RPEP)	18	49	172.2	20	13	16
Rabies, animal	0	0		0	0	0
Total		140		53	41	46
Type: Enterics						
Campylobacteriosis	22	21	-4.5	7	10	4
Cryptosporidiosis	5	1	-80.0	0	0	1
Cyclosporiasis	0	0		0	0	0
E. coli O157:H7	0	1		1	0	0
E. coli shiga toxin (non-O157)	3	8	166.7	3	1	4
Giardiasis	5	8	60.0	4	3	1
Listeriosis	0	0		0	0	0
Salmonellosis	21	23	9.5	8	8	7
Shigellosis	4	6	50.0	1	2	3
Typhoid fever	0	0		0	0	0
Vibriosis	0	0		0	0	0
Yersiniosis	4	2	-50.0	1	0	1
Total		70		25	24	21
Type: Mycobacterial						
Latent TB infection (LTBI)	77	72	-6.5	30	22	20

Table 1: **Summary Table**

Condition	Year to Date			Monthly Totals		
	5-year Median	2024 Cases	% Change	Jan	Feb	Mar
Nontuberculosis mycobacteria (NTM)	32	33	3.1	10	11	12
TB disease	4	5	25.0	4	1	0
Total		110		44	34	32
Type: Sexually Transmitted						
Chlamydia	1,546	1,466	-5.2	577	449	440
Gonorrhea	741	545	-26.5	251	157	137
Syphilis, total	122	115	-5.7	60	33	22
Total		2,126		888	639	599
Type: Systemic						
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	5	9	80.0	5	3	1
Legionellosis	3	1	-66.7	0	1	0
Mpox	0	1		1	0	0
Strep pneumoniae, invasive	0	0		0	0	0
Toxic shock syndrome (Strep or Staph)	0	0		0	0	0
Total		11		6	4	1
Type: Vaccine-Preventable						
COVID-19	10,148	7,584	-25.3	4,091	2,358	1,135

Table 1: **Summary Table**

Condition	Year to Date			Monthly Totals		
	5-year Median	2024 Cases	% Change	Jan	Feb	Mar
Diphtheria	0	0		0	0	0
Measles	0	0		0	0	0
Meningococcal disease	0	0		0	0	0
Mumps	0	0		0	0	0
Pertussis	1	8	700.0	1	1	6
Rubella	0	0		0	0	0
Tetanus	0	0		0	0	0
Varicella (chickenpox)	5	3	-40.0	1	2	0
Total		7,595		4,093	2,361	1,141
Type: Vectorborne						
Anaplasmosis	0	1		0	1	0
Chikungunya virus	0	0		0	0	0
Dengue fever	0	4		3	1	0
Ehrlichiosis	0	0		0	0	0
Lyme	0	0		0	0	0
Malaria	0	0		0	0	0
Rocky mountain spotted fever	0	0		0	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	Jan	Feb	Mar
Total		5		3	2	0
Type: Viral Hepatitis						
Hepatitis A, acute	1	1	0.0	1	0	0
Hepatitis B, acute	1	1	0.0	0	0	1
Hepatitis B, chronic	24	29	20.8	14	6	9
Hepatitis B, prenatal	5	5	0.0	2	3	0
Hepatitis C, acute	2	1	-50.0	0	1	0
Hepatitis C, chronic	102	58	-43.1	25	16	17
Total		95		42	26	27

Campylobacteriosis: 4 new case(s) of Campylobacteriosis reported March, 2024

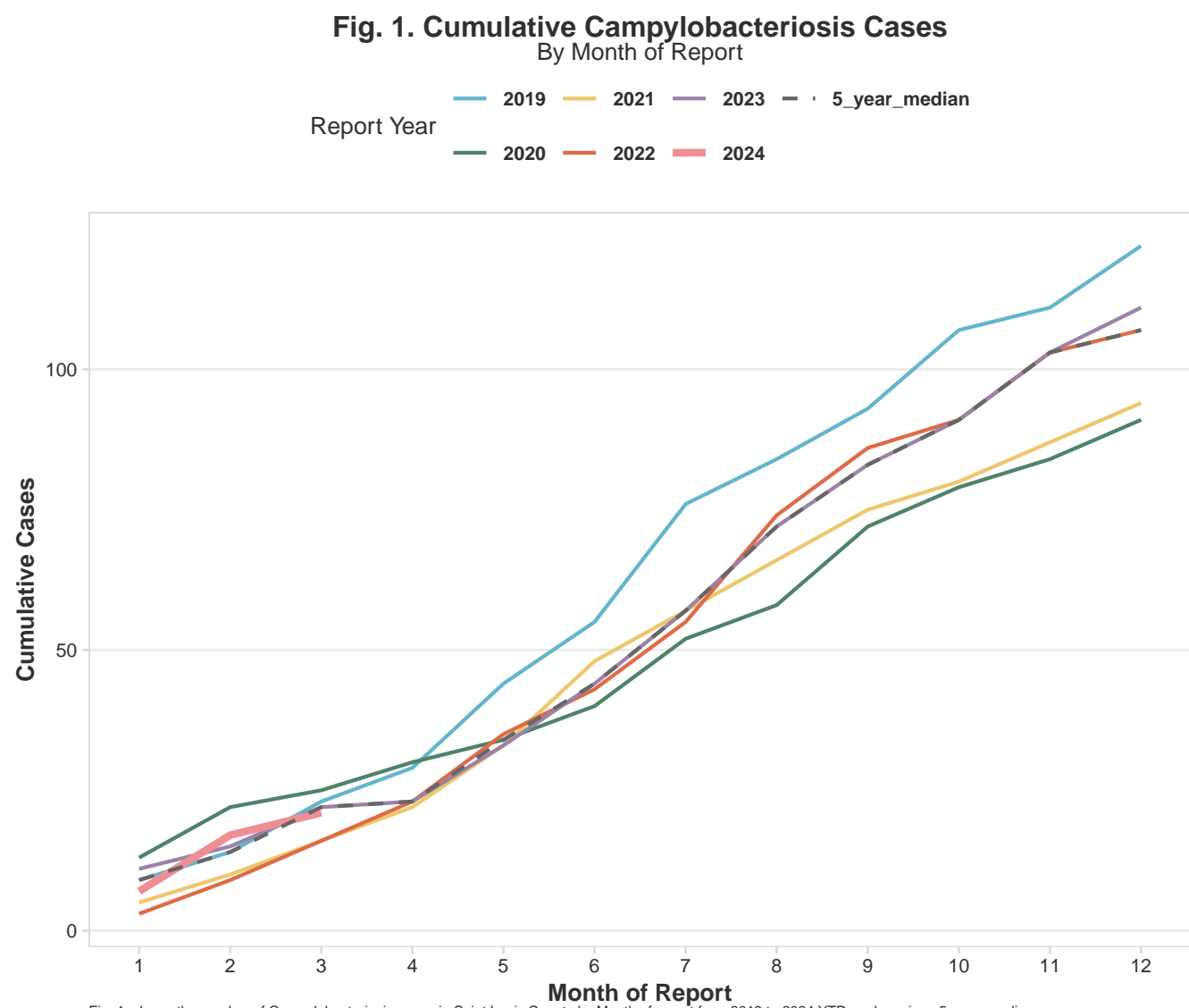


Fig. 1. shows the number of Campylobacteriosis cases in Saint Louis County by Month of report from 2019 to 2024 YTD, and previous 5-year median.

Cryptosporidiosis: 1 new case(s) of Cryptosporidiosis reported March, 2024

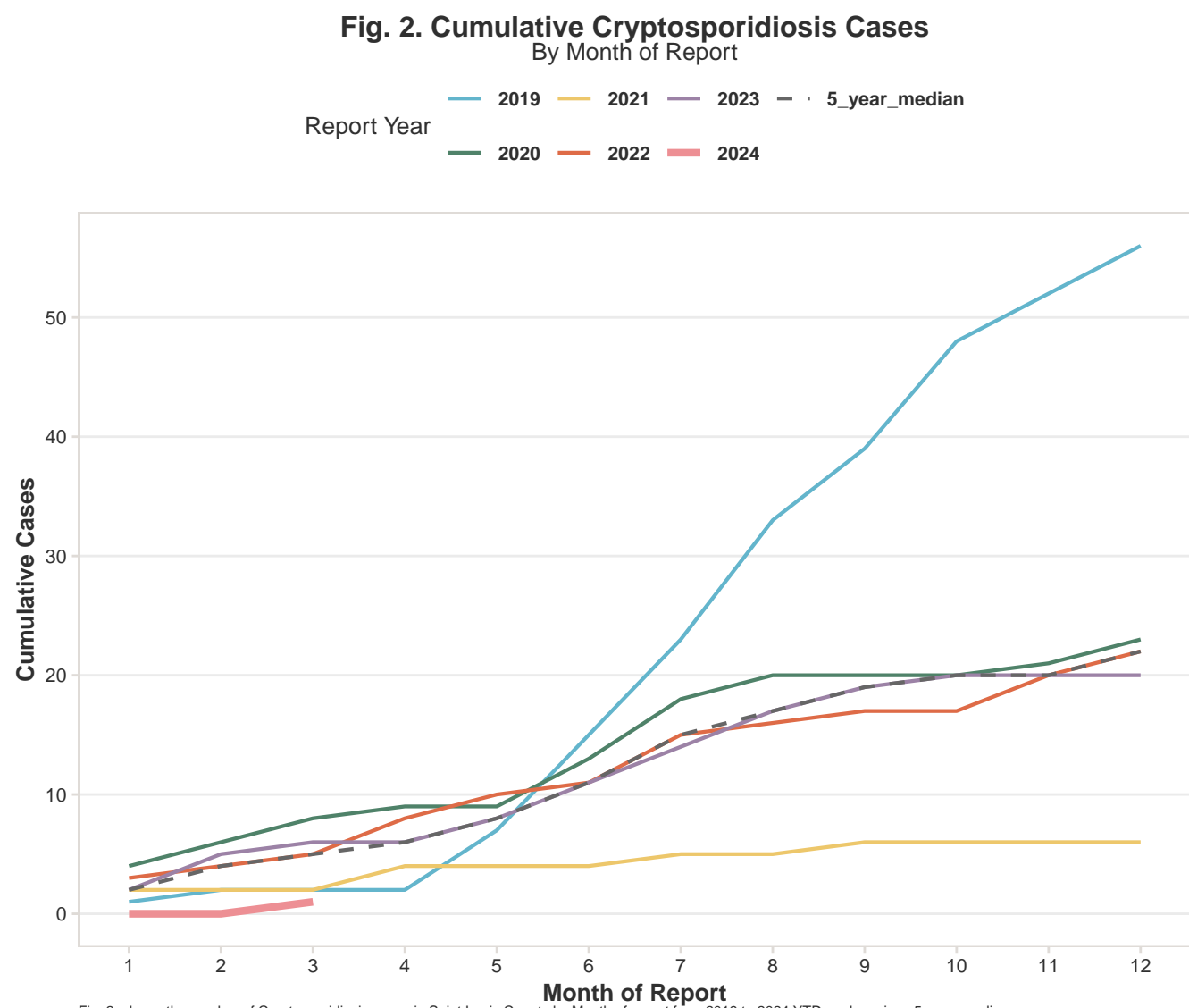


Fig. 2. shows the number of Cryptosporidiosis cases in Saint Louis County by Month of report from 2019 to 2024 YTD, and previous 5-year median.

Cyclosporiasis: 0 new case(s) of Cyclosporiasis reported March, 2024

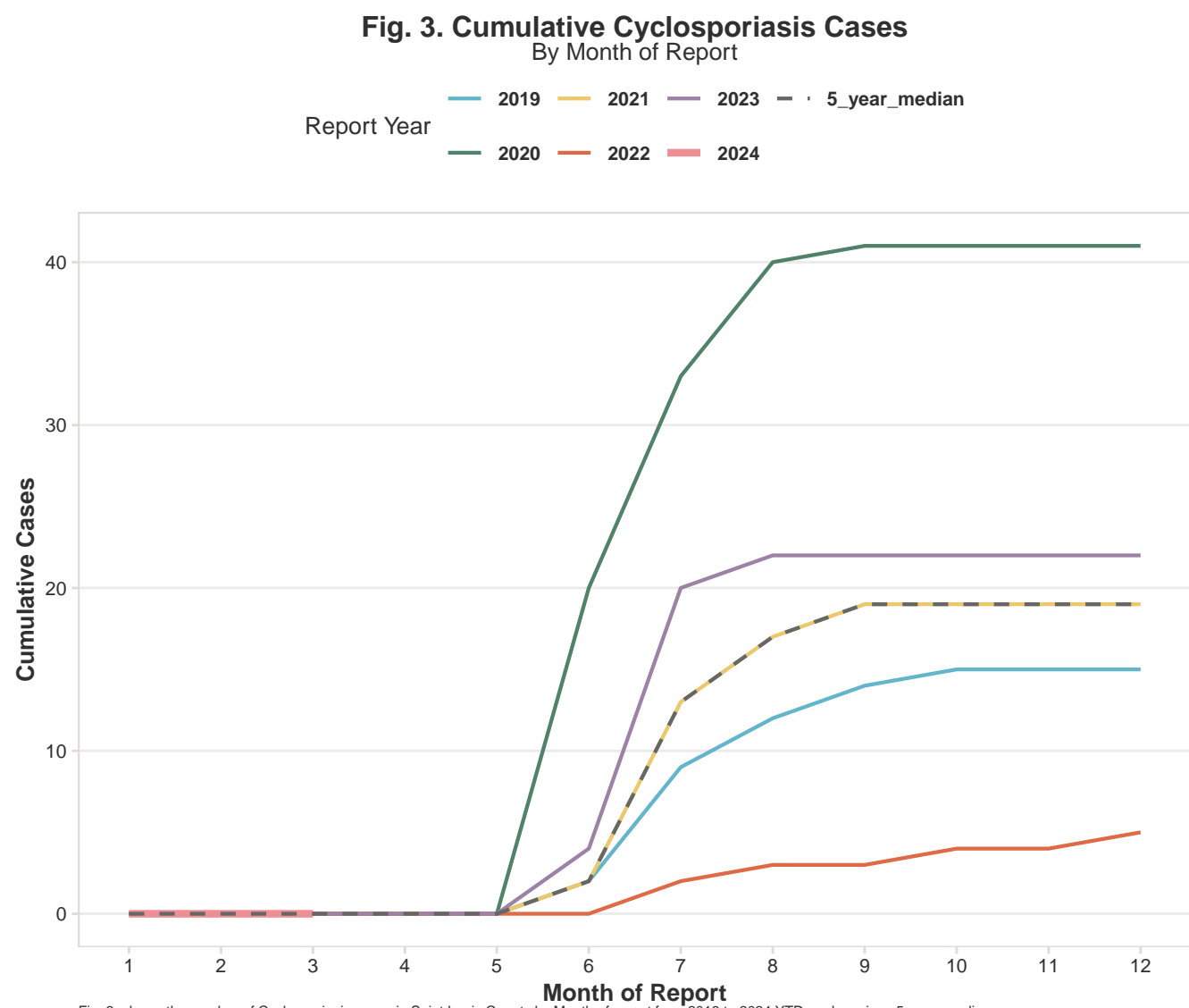


Fig. 3. shows the number of Cyclosporiasis cases in Saint Louis County by Month of report from 2019 to 2024 YTD, and previous 5-year median.

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



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

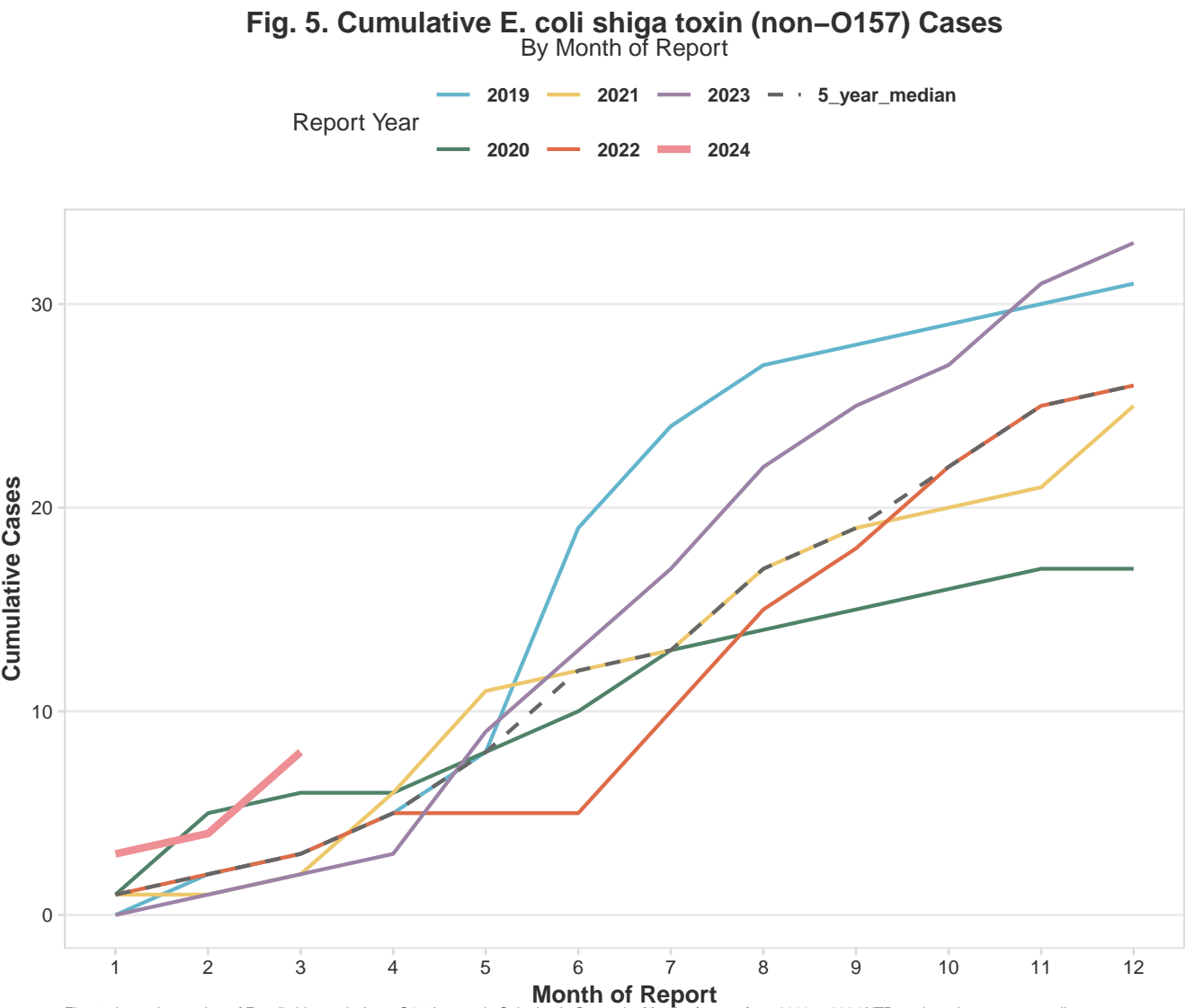


Fig. 5. shows the number of E. coli shiga toxin (non-O157) cases in Saint Louis County by Month of report from 2019 to 2024 YTD, and previous 5-year median.

Ehrlichiosis: 0 new case(s) of Ehrlichiosis reported March, 2024

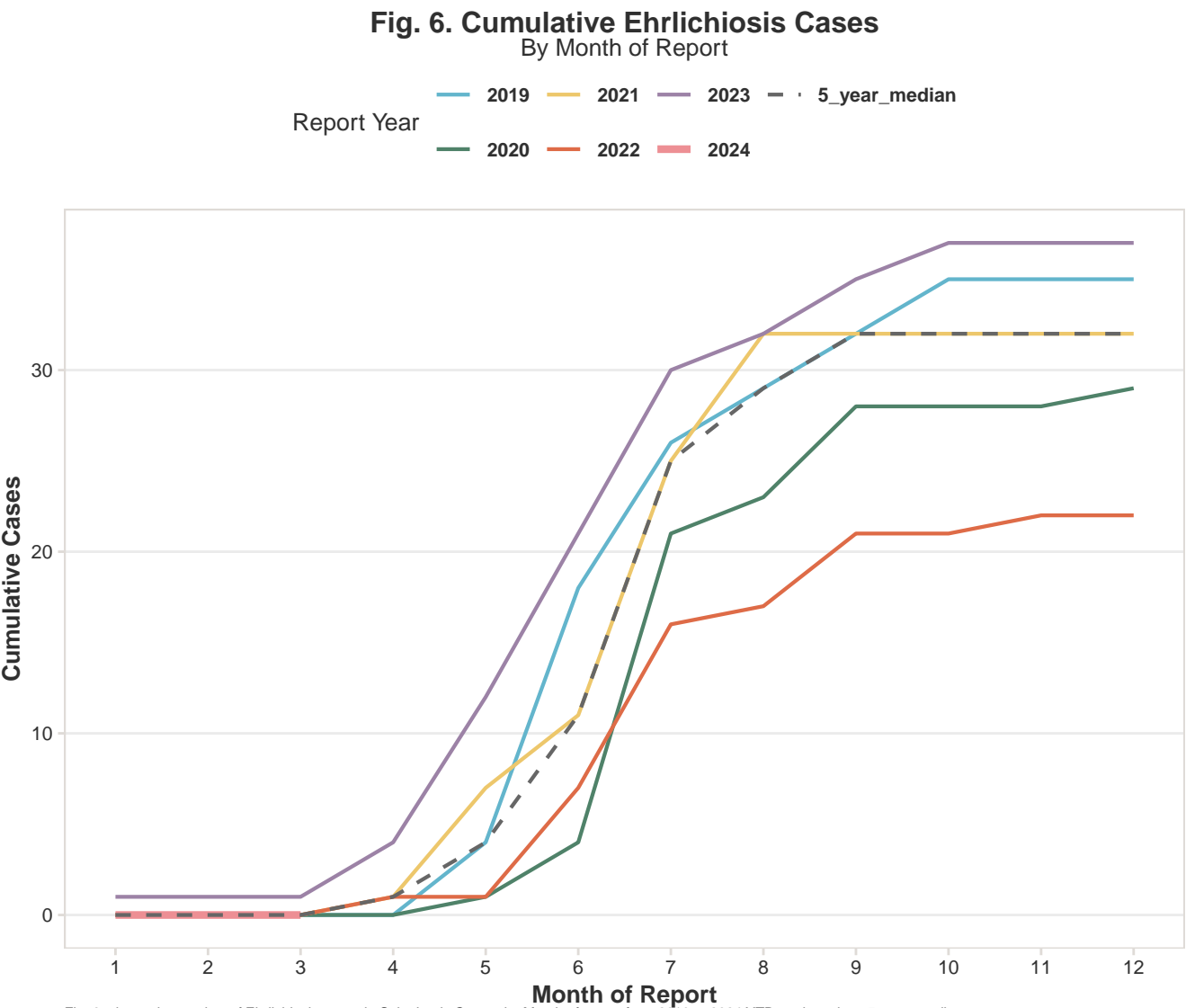


Fig. 6. shows the number of Ehrlichiosis cases in Saint Louis County by Month of report from 2019 to 2024 YTD, and previous 5-year median.

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

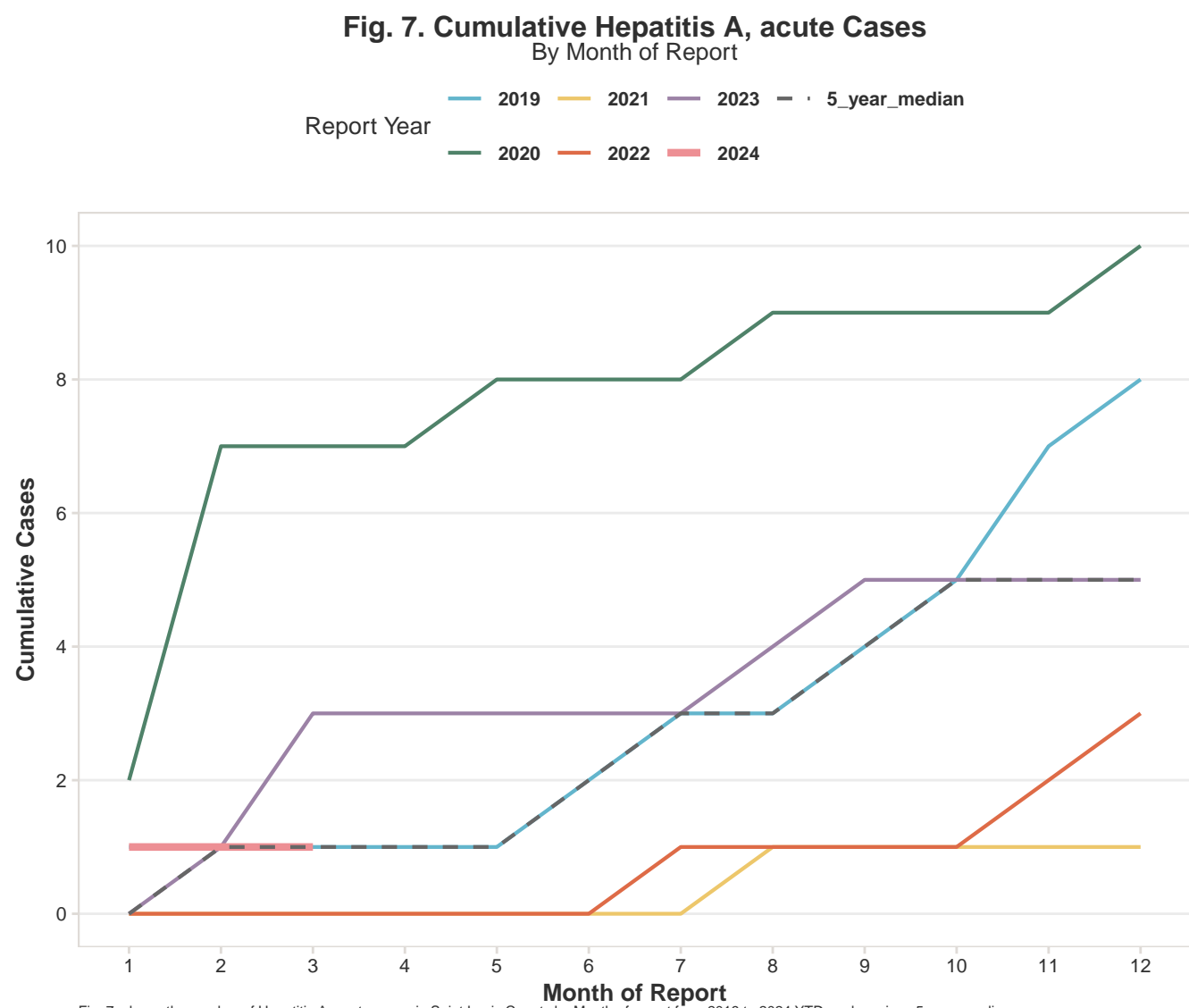


Fig. 7. shows the number of Hepatitis A, acute cases in Saint Louis County by Month of report from 2019 to 2024 YTD, and previous 5-year median.

Hepatitis B, acute: 1 new case(s) of Hepatitis B, acute reported March, 2024

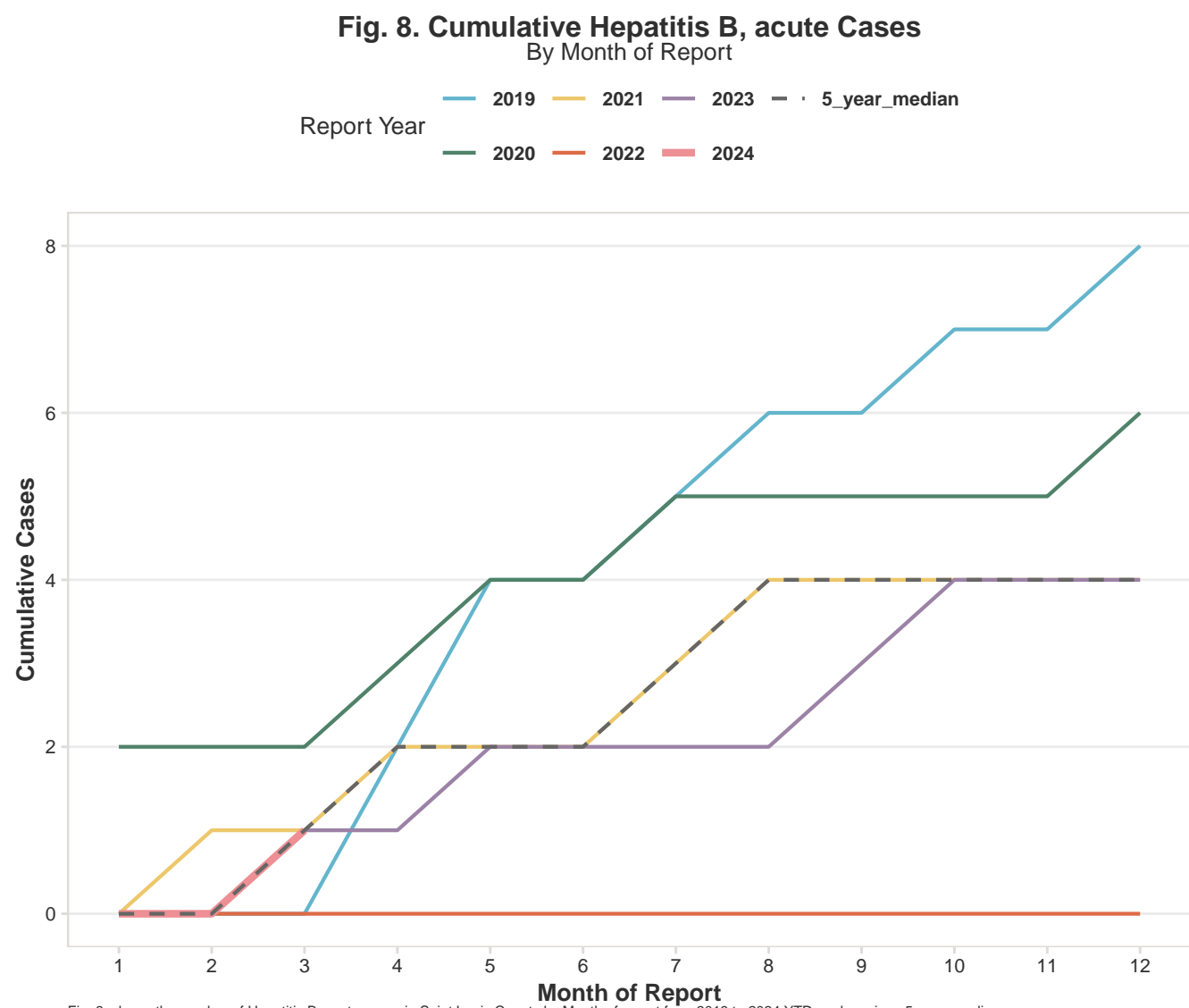


Fig. 8. shows the number of Hepatitis B, acute cases in Saint Louis County by Month of report from 2019 to 2024 YTD, and previous 5-year median.

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

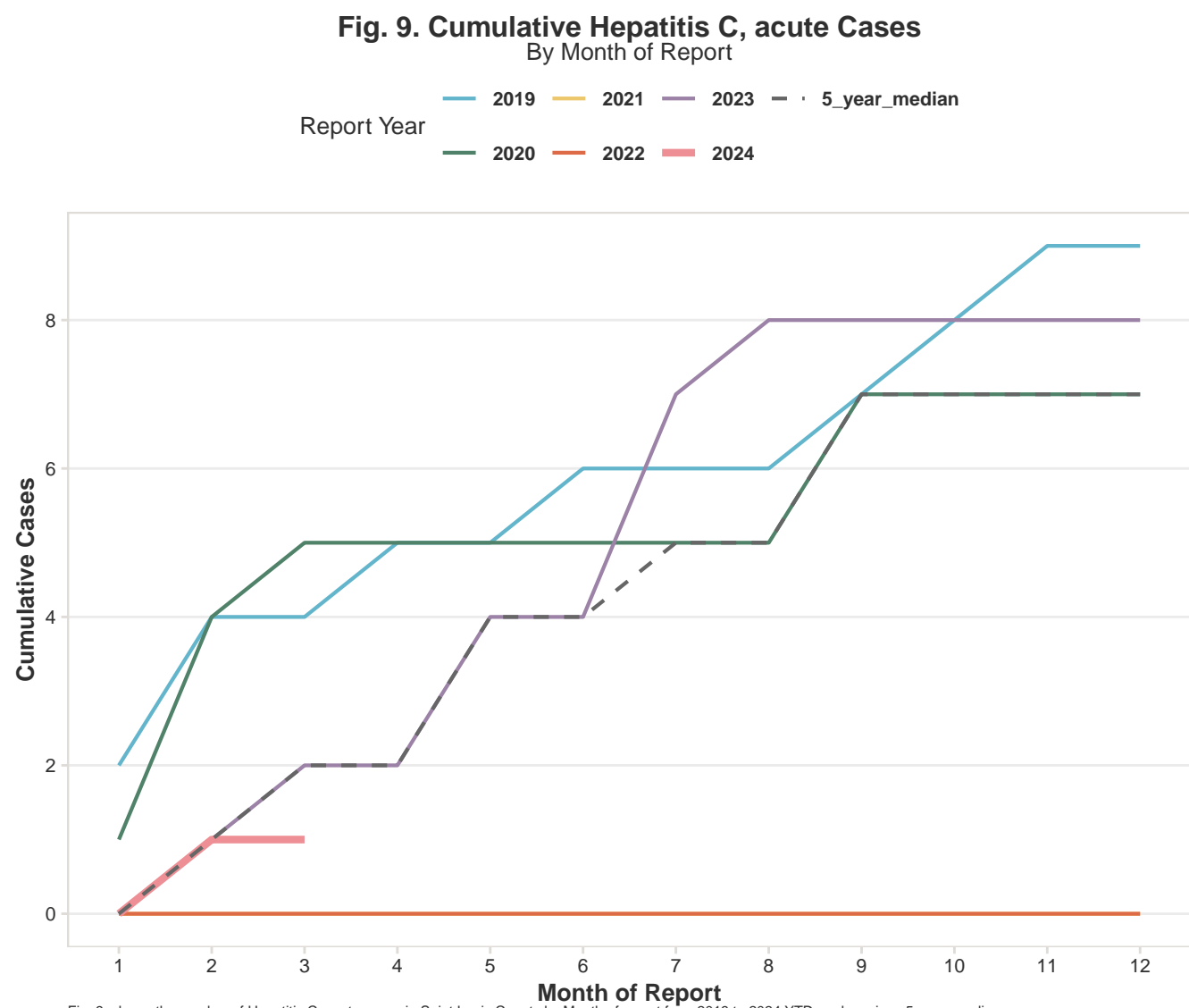


Fig. 9. shows the number of Hepatitis C, acute cases in Saint Louis County by Month of report from 2019 to 2024 YTD, and previous 5-year median.

Legionellosis: 0 new case(s) of Legionellosis reported March, 2024

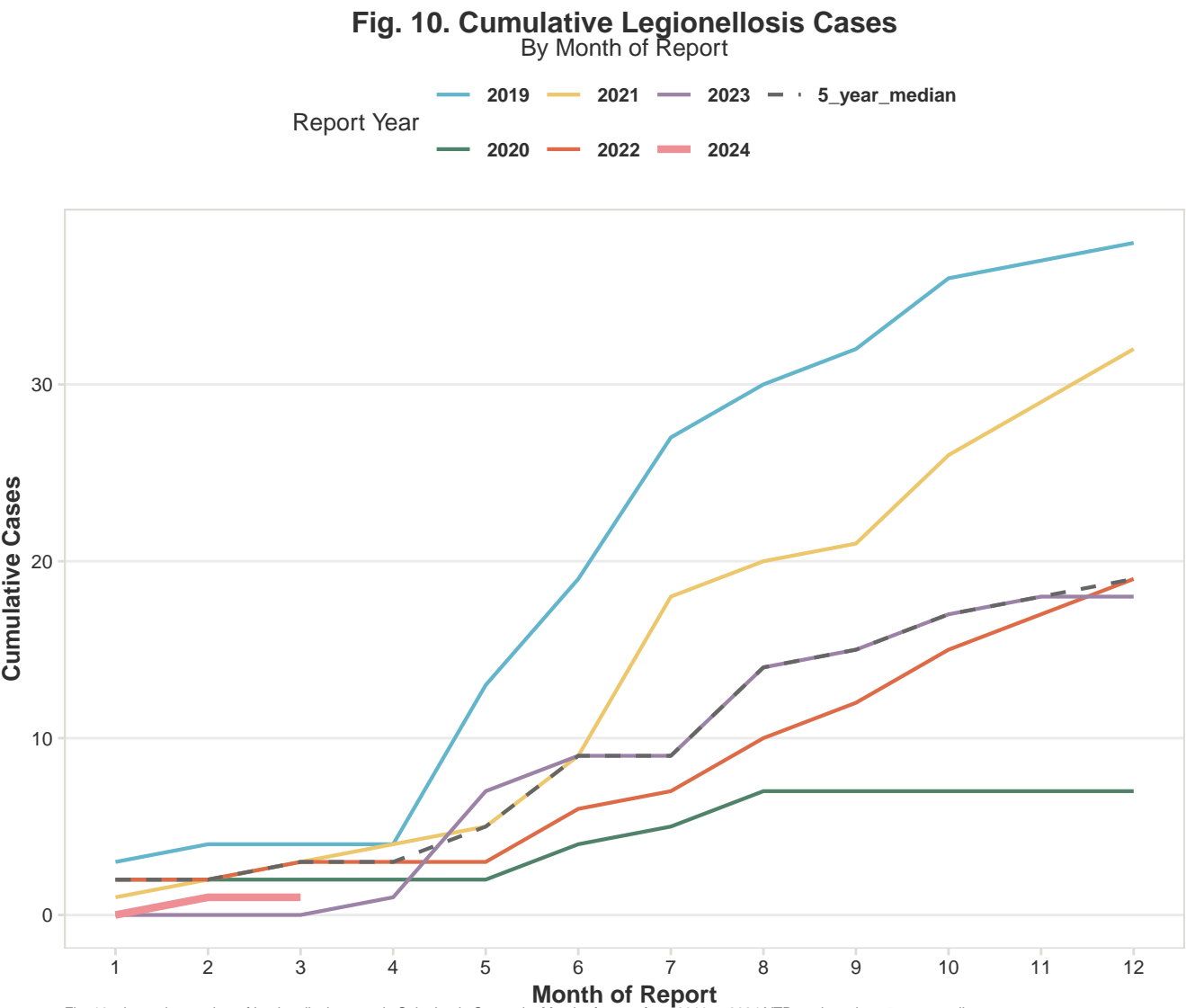


Fig. 10. shows the number of Legionellosis cases in Saint Louis County by Month of report from 2019 to 2024 YTD, and previous 5-year median.

Rabies, animal: 0 new case(s) of Rabies, animal reported March, 2024

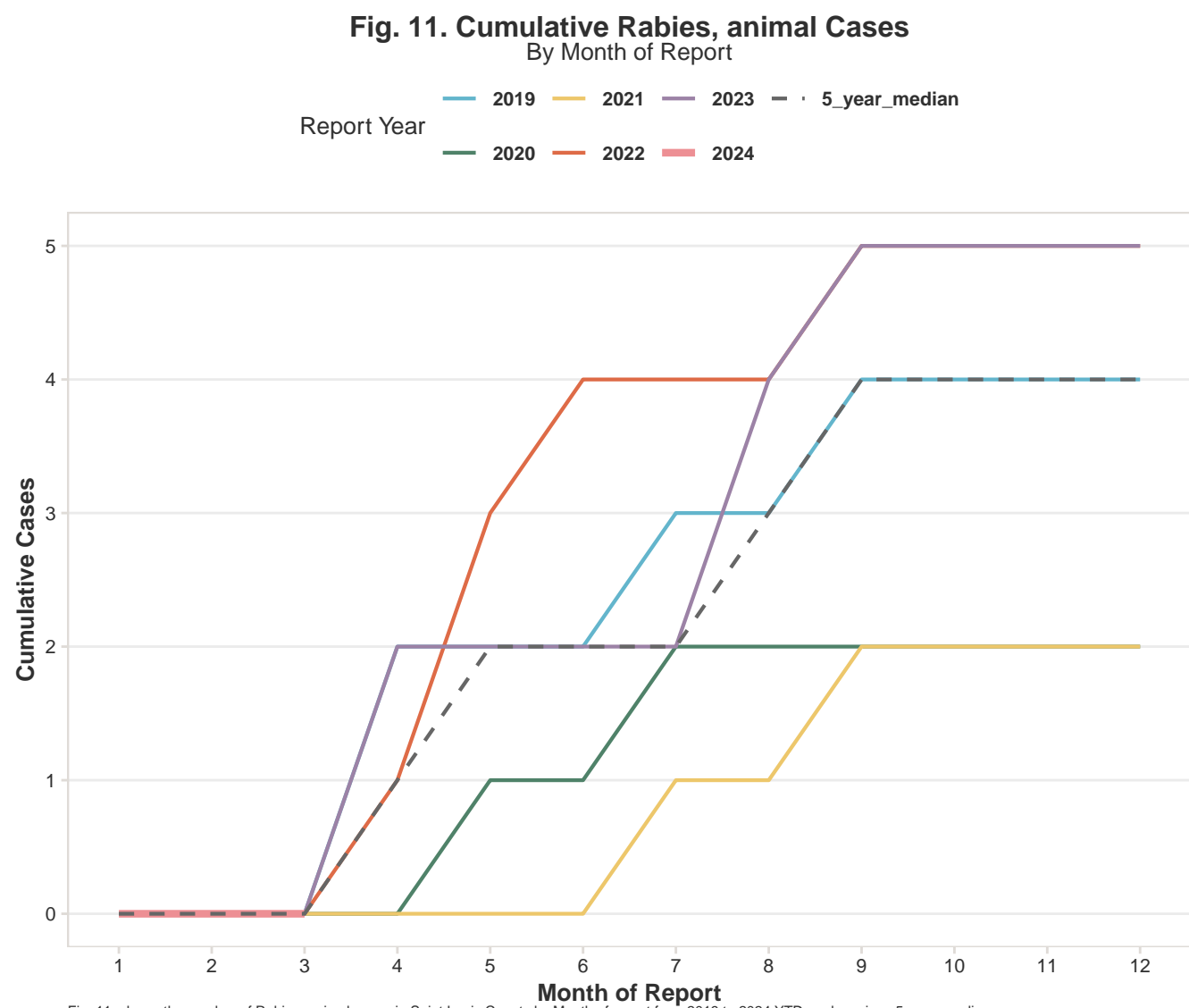


Fig. 11. shows the number of Rabies, animal cases in Saint Louis County by Month of report from 2019 to 2024 YTD, and previous 5–year median.

Salmonellosis: 7 new case(s) of Salmonellosis reported March, 2024

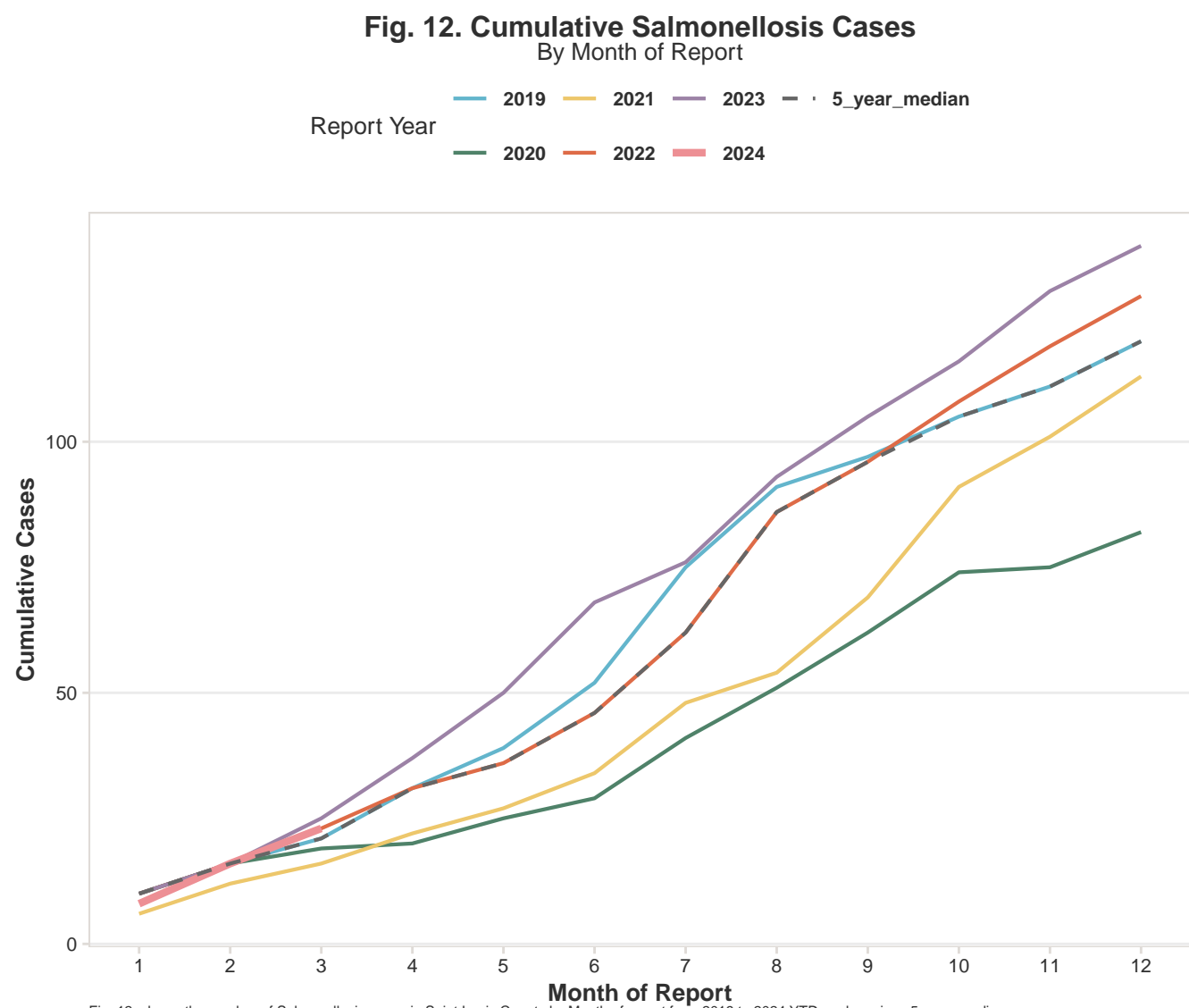


Fig. 12. shows the number of Salmonellosis cases in Saint Louis County by Month of report from 2019 to 2024 YTD, and previous 5-year median.

Shigellosis: 3 new case(s) of Shigellosis reported March, 2024

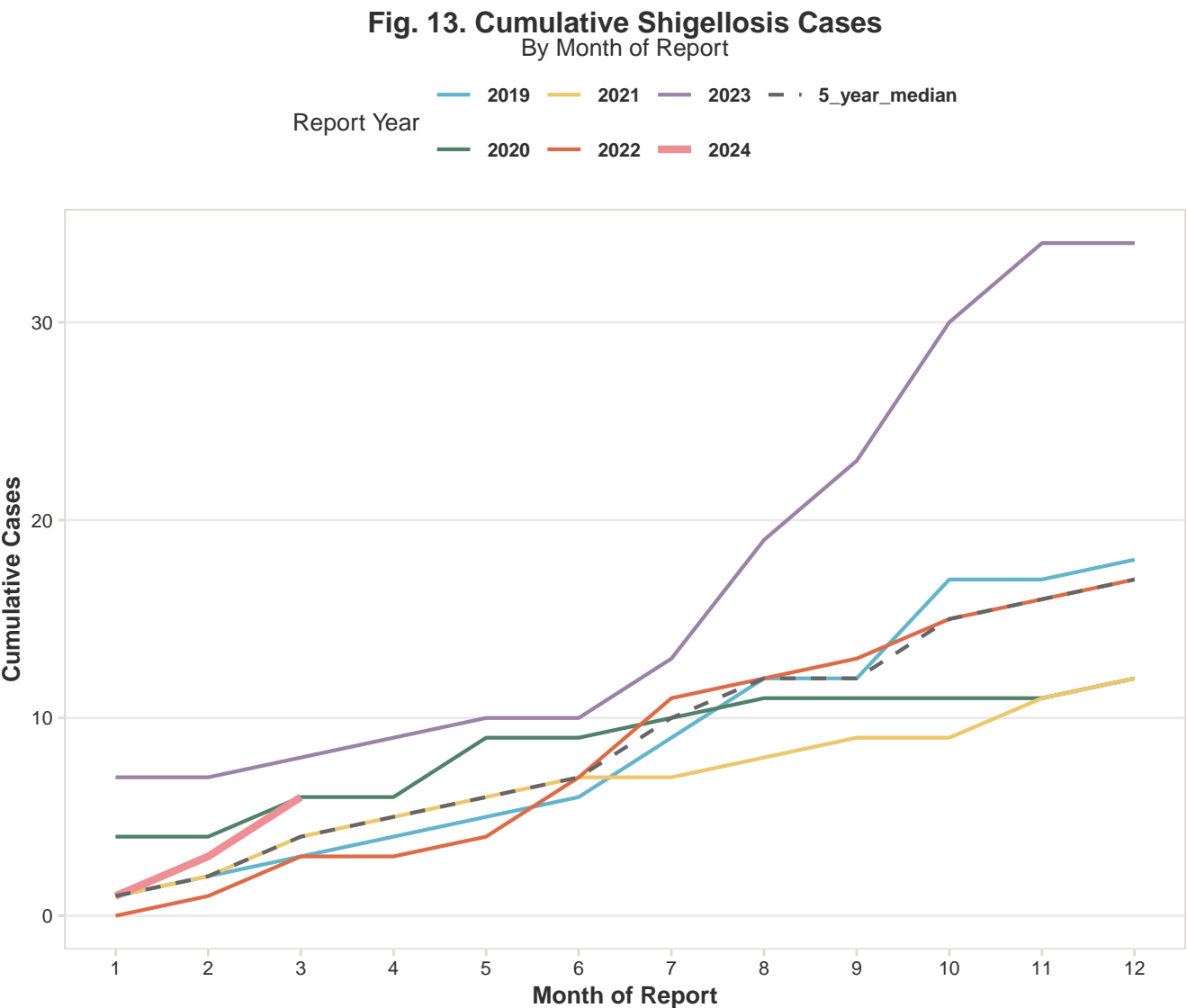


Fig. 13. shows the number of Shigellosis cases in Saint Louis County by Month of report from 2019 to 2024 YTD, and previous 5-year median.

TB disease: 0 new case(s) of TB disease reported March, 2024

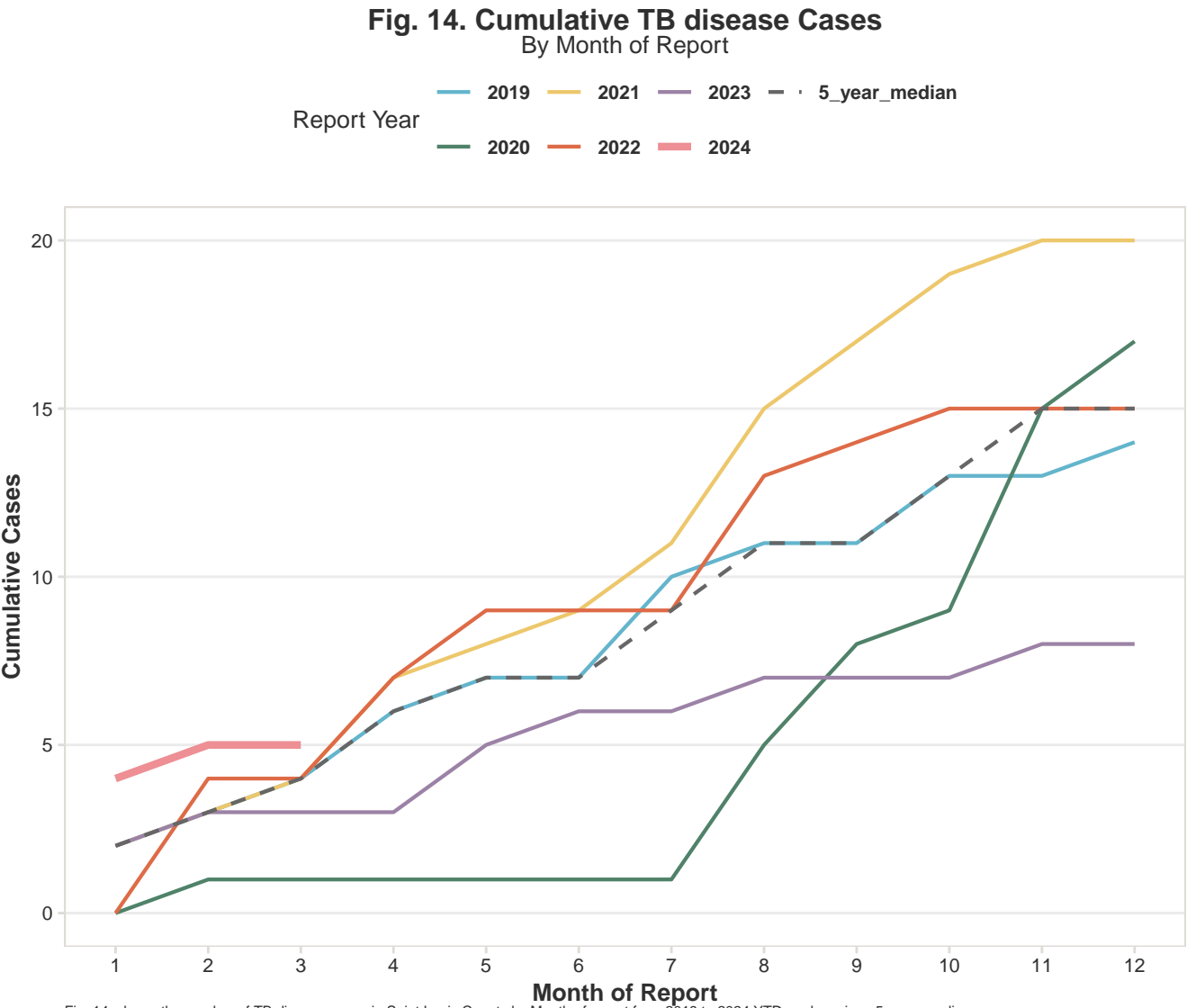


Fig. 14. shows the number of TB disease cases in Saint Louis County by Month of report from 2019 to 2024 YTD, and previous 5-year median.

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

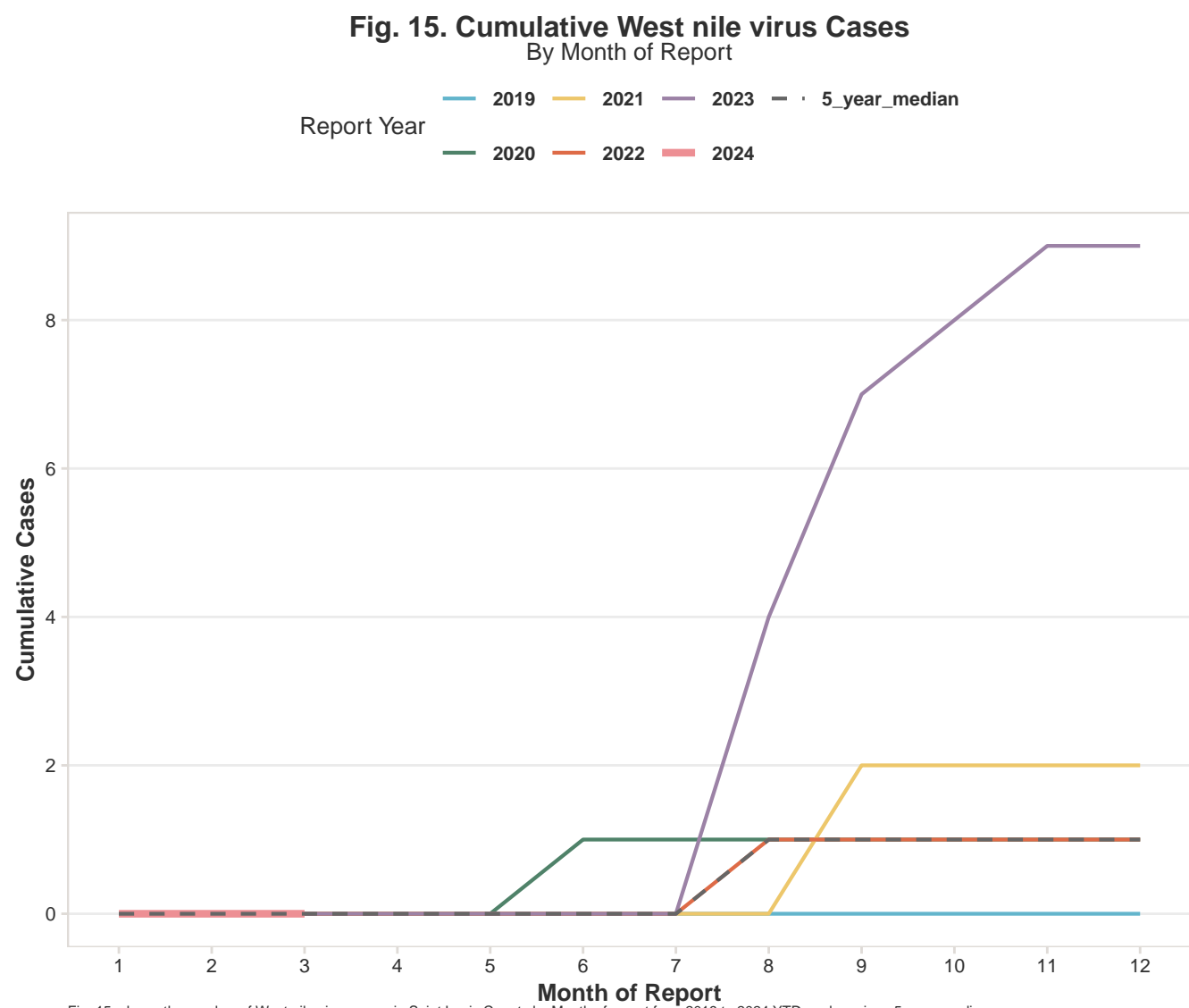


Fig. 15. shows the number of West nile virus cases in Saint Louis County by Month of report from 2019 to 2024 YTD, and previous 5-year median.

Varicella (chickenpox): 0 new case(s) of Varicella (chickenpox) reported March, 2024

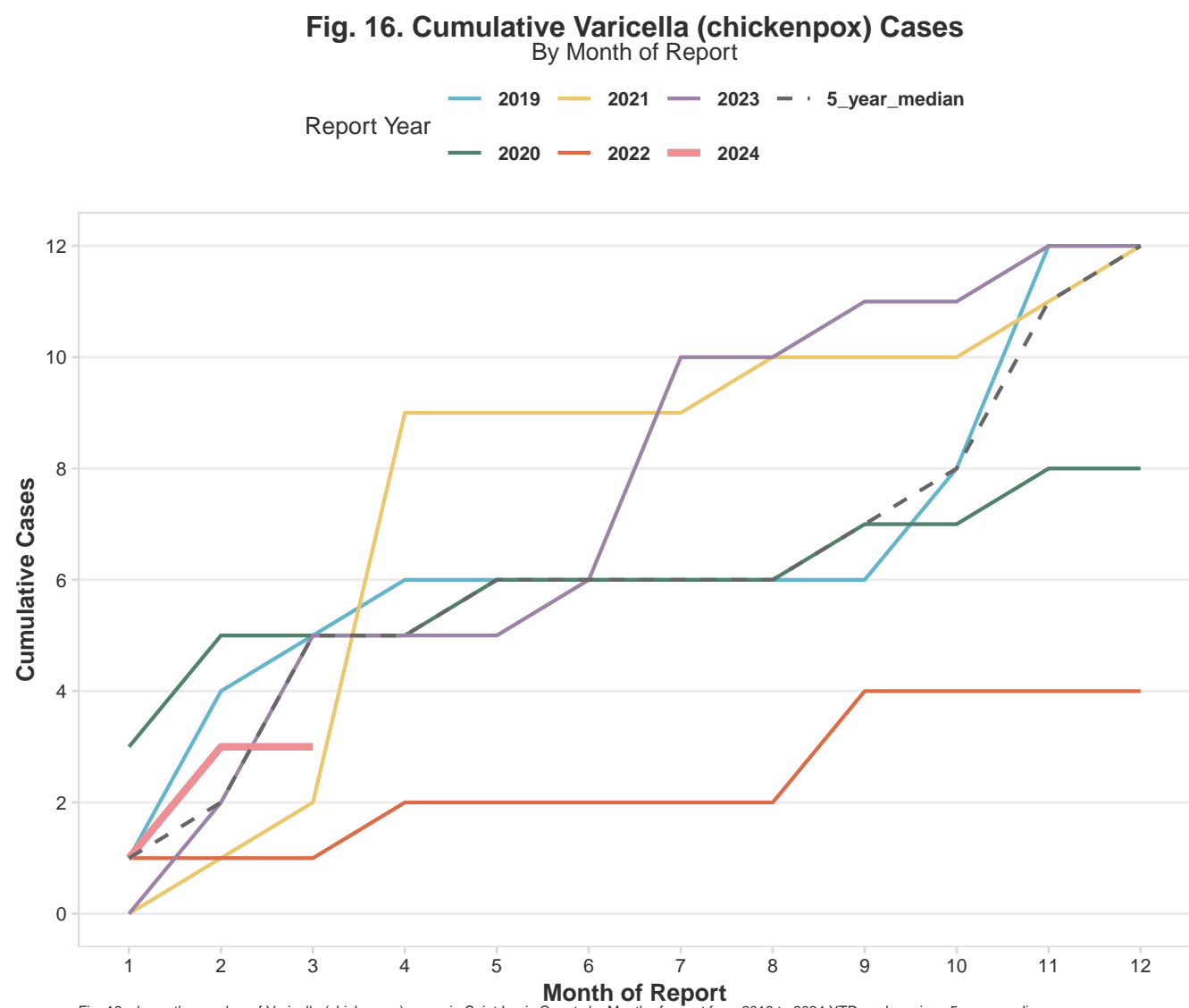


Fig. 16. shows the number of Varicella (chickenpox) cases in Saint Louis County by Month of report from 2019 to 2024 YTD, and previous 5--year median.