

Monthly Surveillance Report

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

Report Month: September

Report Date: October 07, 2024

Report Summary

[In general, the year-to-date number of reported cases of **enteric illnesses** are slightly higher when compared with the median of the past five years. Notably, cases of **shigellosis** (26 vs. 12 cases, 117% increase) and **giardiasis** (29 vs. 21 cases, 38% increase) are higher when compared with the year-to-date median of the past five years.

In September 2024 there were 22 cases **pertussis** reported, bringing the year-to-date total to 86 cases. This is a notable increase from case counts in previous years.

Two thousand nine-hundred and seventy-nine cases of **COVID-19** were reported to DPH in September 2024. This is a 29 percent decrease from the 4,189 cases reported in August 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/>

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 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 October 07, 2024.

Table 1: **Summary Table**

Condition	Year to Date			Monthly Totals		
	5-year Median	2024 Cases	% Change	Jul	Aug	Sep
Type: Bite Exposure						
Animal bites	338	407	20.4	72	72	53
Rabies post-exposure prophylaxis (RPEP)	143	299	109.1	55	63	50
Rabies, animal	4	4	0.0	1	0	1
Total		710		128	135	104
Type: Enterics						
Campylobacteriosis	83	81	-2.4	12	8	5
Cryptosporidiosis	19	14	-26.3	3	3	2
Cyclosporiasis	19	17	-10.5	7	7	1
E. coli O157:H7	3	8	166.7	5	1	1
E. coli shiga toxin (non-O157)	19	27	42.1	1	5	6
Giardiasis	21	29	38.1	8	0	2
Listeriosis	2	3	50.0	1	0	0
Salmonellosis	96	102	6.2	18	11	16
Shigellosis	12	26	116.7	5	3	4
Typhoid fever	2	2	0.0	0	1	1
Vibriosis	3	2	-33.3	0	0	2
Yersiniosis	9	8	-11.1	2	1	1
Total		319		62	40	41
Type: Mycobacterial						
Latent TB infection (LTBI)	302	198	-34.4	16	11	15

Table 1: Summary Table

Condition	Year to Date			Monthly Totals		
	5-year Median	2024 Cases	% Change	Jul	Aug	Sep
Nontuberculosis mycobacteria (NTM)	97	105	8.2	10	14	12
TB disease	11	13	18.2	0	1	0
Total		316		26	26	27
Type: Sexually Transmitted						
Chlamydia	4,753	4,585	-3.5	591	483	498
Gonorrhea	2,413	1,837	-23.9	275	238	237
Syphilis, total	404	383	-5.2	44	43	21
Total		6,805		910	764	756
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	9	19	111.1	5	0	1
Legionellosis	15	23	53.3	5	6	3
Mpox	0	6		2	0	0
Strep Pneumoniae, invasive	39	68	74.4	4	7	6
Toxic shock syndrome (Strep or Staph)	0	0		0	0	0
Total		116		16	13	10
Type: Vaccine-Preventable						
COVID-19	25,973	20,488	-21.1	3,080	4,189	2,979

Table 1: **Summary Table**

Condition	Year to Date			Monthly Totals		
	5-year Median	2024 Cases	% Change	Jul	Aug	Sep
Diphtheria	0	0		0	0	0
Measles	0	0		0	0	0
Meningococcal disease	1	1	0.0	1	0	0
Mumps	0	0		0	0	0
Pertussis	5	86	1,620.0	15	14	22
Rubella	0	0		0	0	0
Tetanus	0	0		0	0	0
Varicella (chickenpox)	7	4	-42.9	0	0	0
Total		20,579		3,096	4,203	3,001
Type: Vectorborne						
Anaplasmosis	1	1	0.0	0	0	0
Chikungunya virus	0	0		0	0	0
Dengue fever	0	7		1	0	1
Ehrlichiosis	32	46	43.8	14	2	4
Lyme	0	0		0	0	0
Malaria	2	1	-50.0	0	0	0
Rocky mountain spotted fever	3	4	33.3	1	0	0
Tularemia	0	0		0	0	0
West nile virus	1	2	100.0	1	1	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	Jul	Aug	Sep
Total		61		17	3	5
Type: Viral Hepatitis						
Hepatitis A, acute	4	2	-50.0	0	0	1
Hepatitis B, acute	4	4	0.0	0	0	1
Hepatitis B, chronic	67	120	79.1	18	13	17
Hepatitis B, prenatal	11	11	0.0	3	0	1
Hepatitis C, acute	7	5	-28.6	1	0	1
Hepatitis C, chronic	239	167	-30.1	9	21	19
Total		309		31	34	40

Campylobacteriosis: 5 new case(s) of Campylobacteriosis reported September, 2024

Fig. 1. Cumulative Campylobacteriosis Cases
By Month of Report

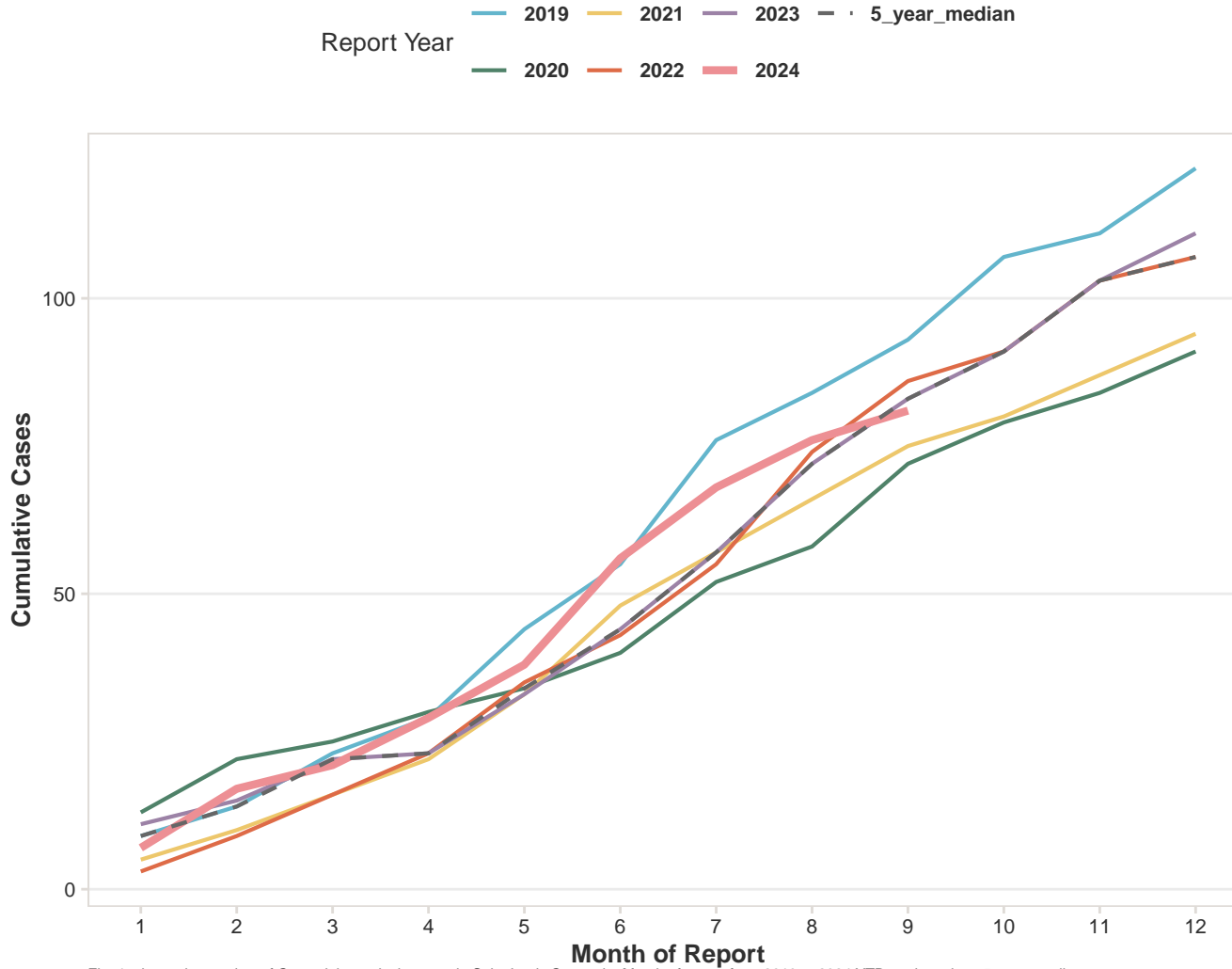


Fig. 1. shows the number of Campylobacteriosis cases in Saint Louis County by Month of report from 2019 to 2024 YTD, and previous 5-year median.

Cryptosporidiosis: 2 new case(s) of Cryptosporidiosis reported September, 2024

Fig. 2. Cumulative Cryptosporidiosis Cases
By Month of Report

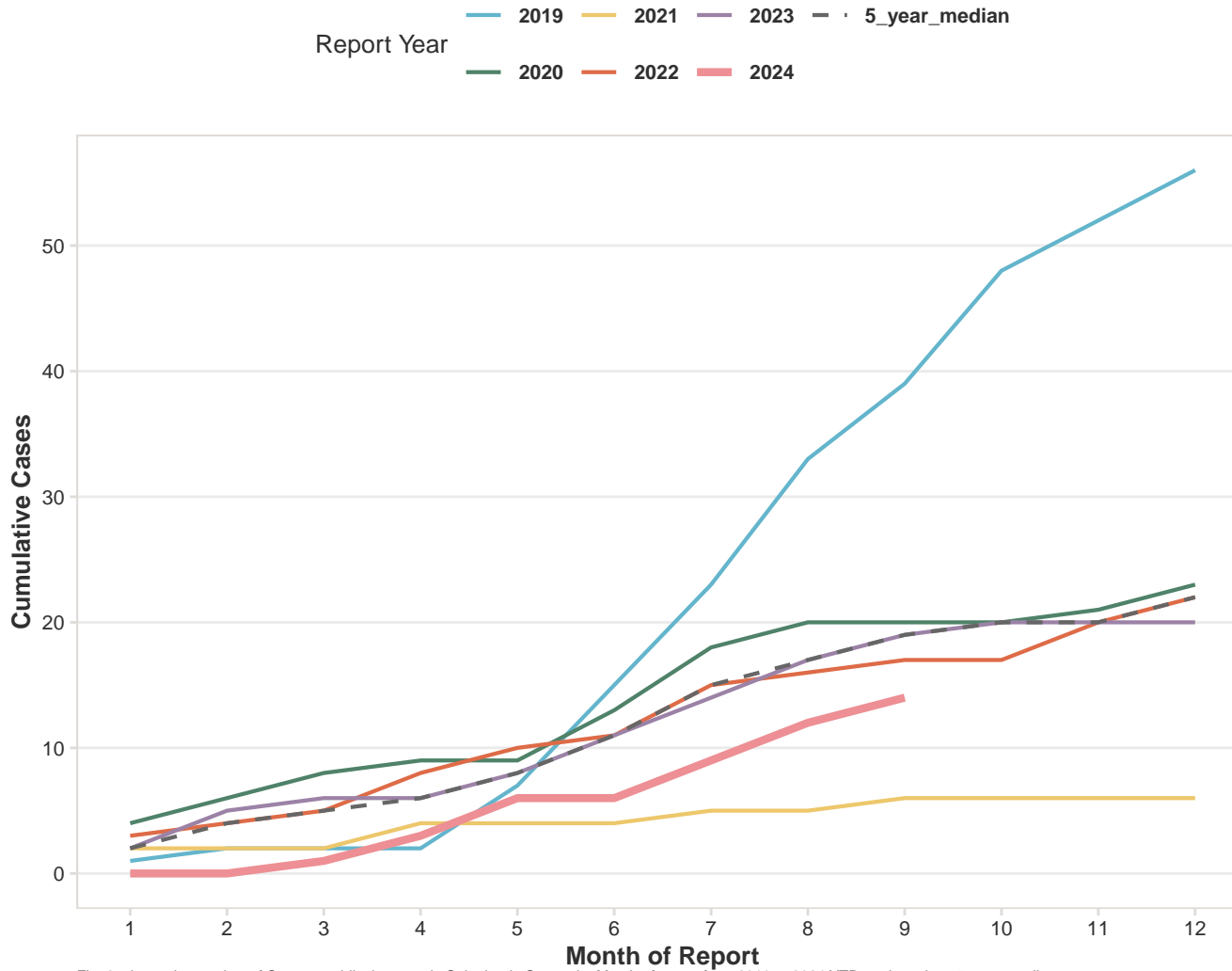


Fig. 2. shows the number of Cryptosporidiosis cases in Saint Louis County by Month of report from 2019 to 2024 YTD, and previous 5-year median.

Cyclosporiasis: 1 new case(s) of Cyclosporiasis reported September, 2024

Fig. 3. Cumulative Cyclosporiasis Cases
By Month of Report

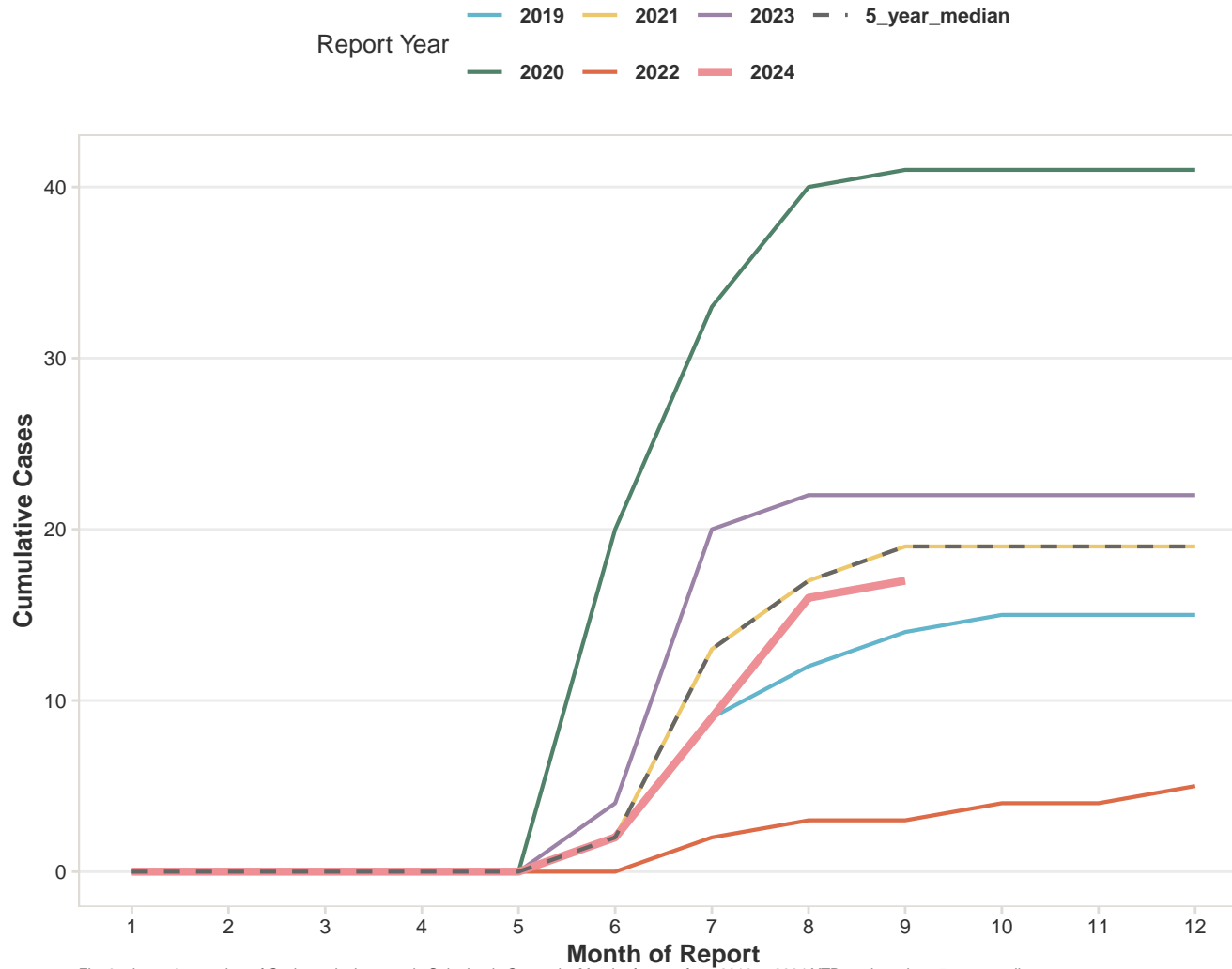


Fig. 3. shows the number of Cyclosporiasis cases in Saint Louis County by Month of report from 2019 to 2024 YTD, and previous 5-year median.

E. coli O157:H7: 1 new case(s) of E. coli O157:H7 reported September, 2024

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

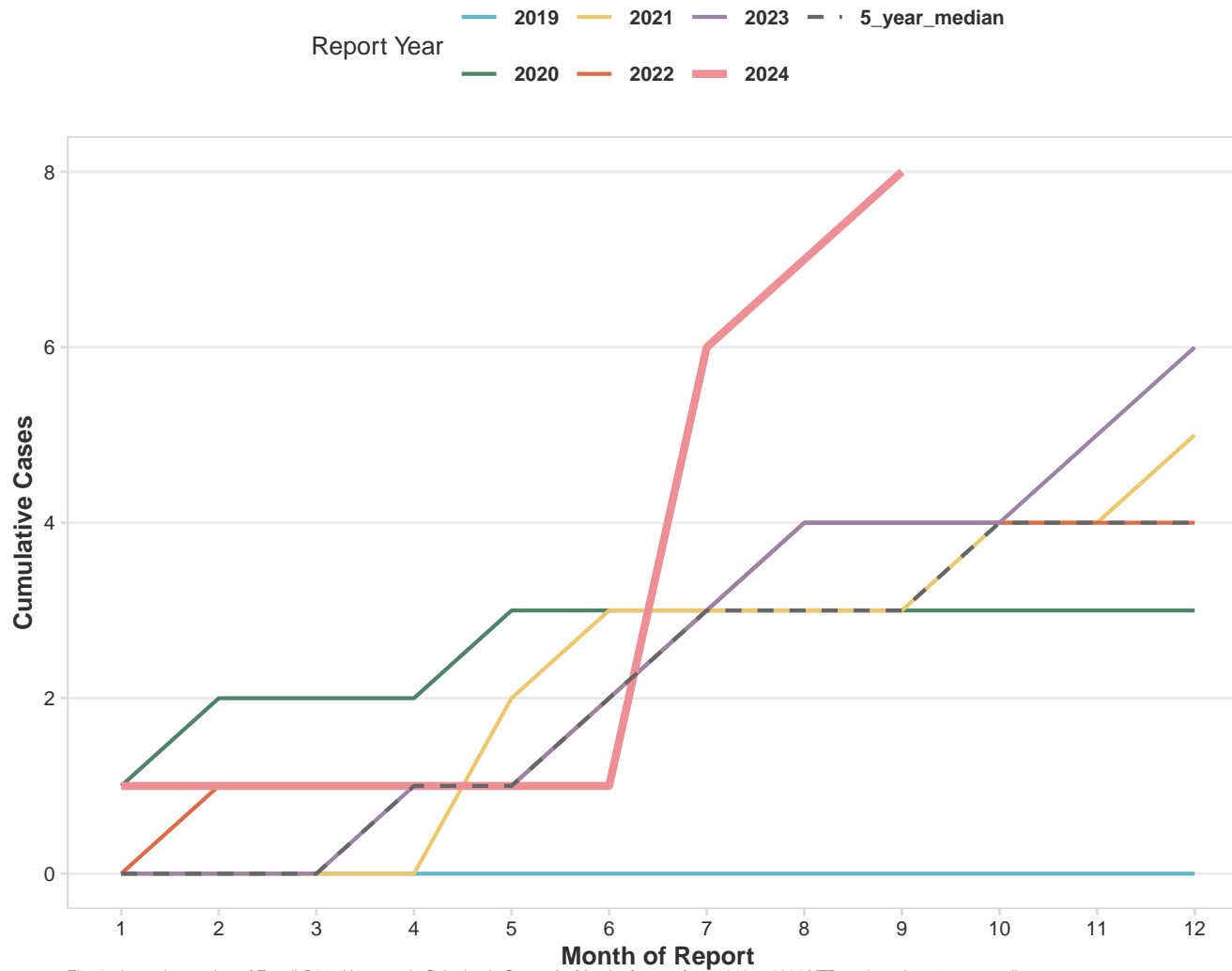


Fig. 4. shows the number of E. coli O157:H7 cases in Saint Louis County by Month of report from 2019 to 2024 YTD, and previous 5-year median.

E. coli shiga toxin (non-O157): 6 new case(s) of E. coli shiga toxin (non-O157) reported September, 2024

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

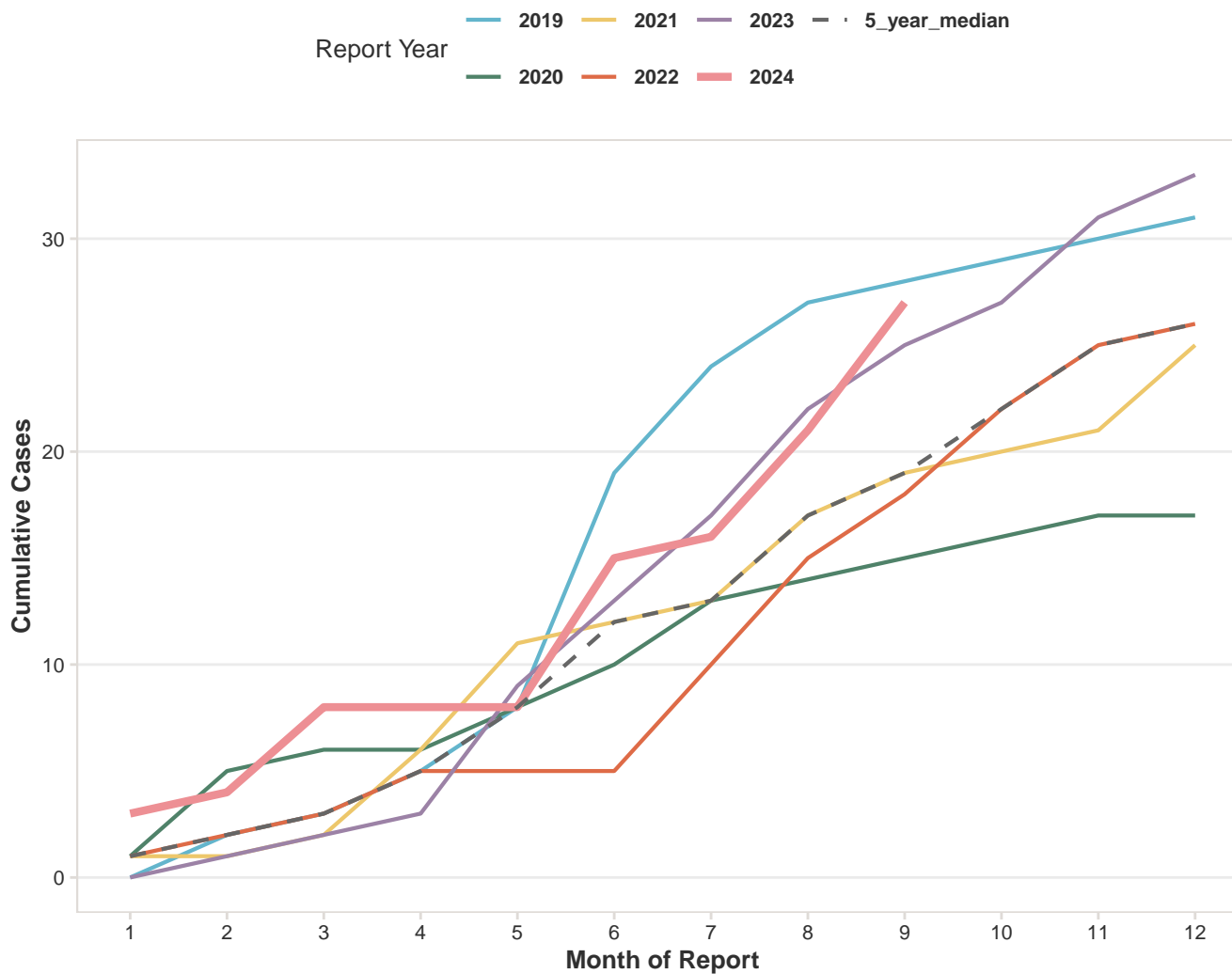


Fig. 5. shows the number of E. coli shiga toxin (non-O157) cases in Saint Louis County by Month of report from 2019 to 2024 YTD, and previous 5-year median.

Ehrlichiosis: 4 new case(s) of Ehrlichiosis reported September, 2024

Fig. 6. Cumulative Ehrlichiosis Cases
By Month of Report

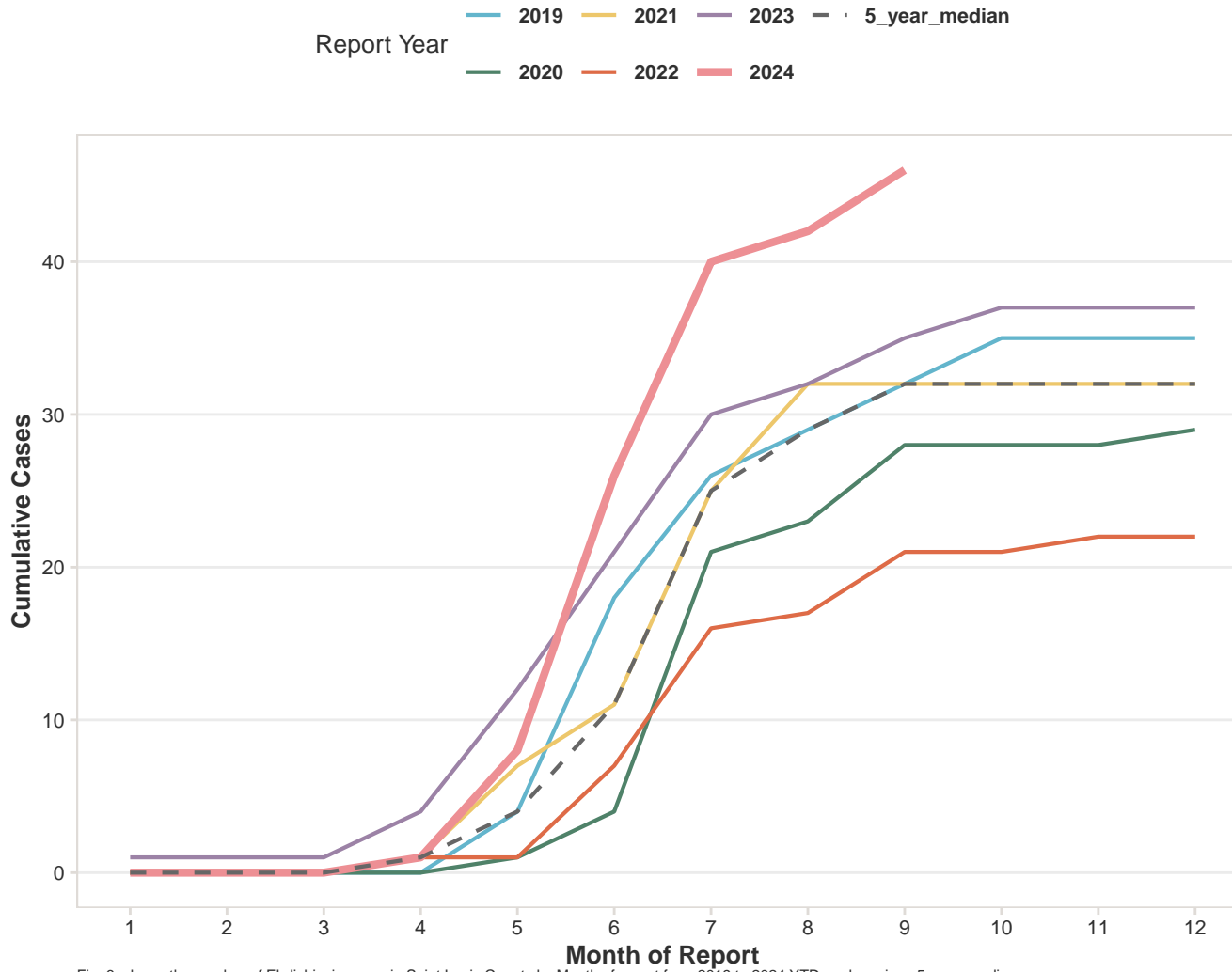


Fig. 6. shows the number of Ehrlichiosis cases in Saint Louis County by Month of report from 2019 to 2024 YTD, and previous 5-year median.

Hepatitis A, acute: 1 new case(s) of Hepatitis A, acute reported September, 2024

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

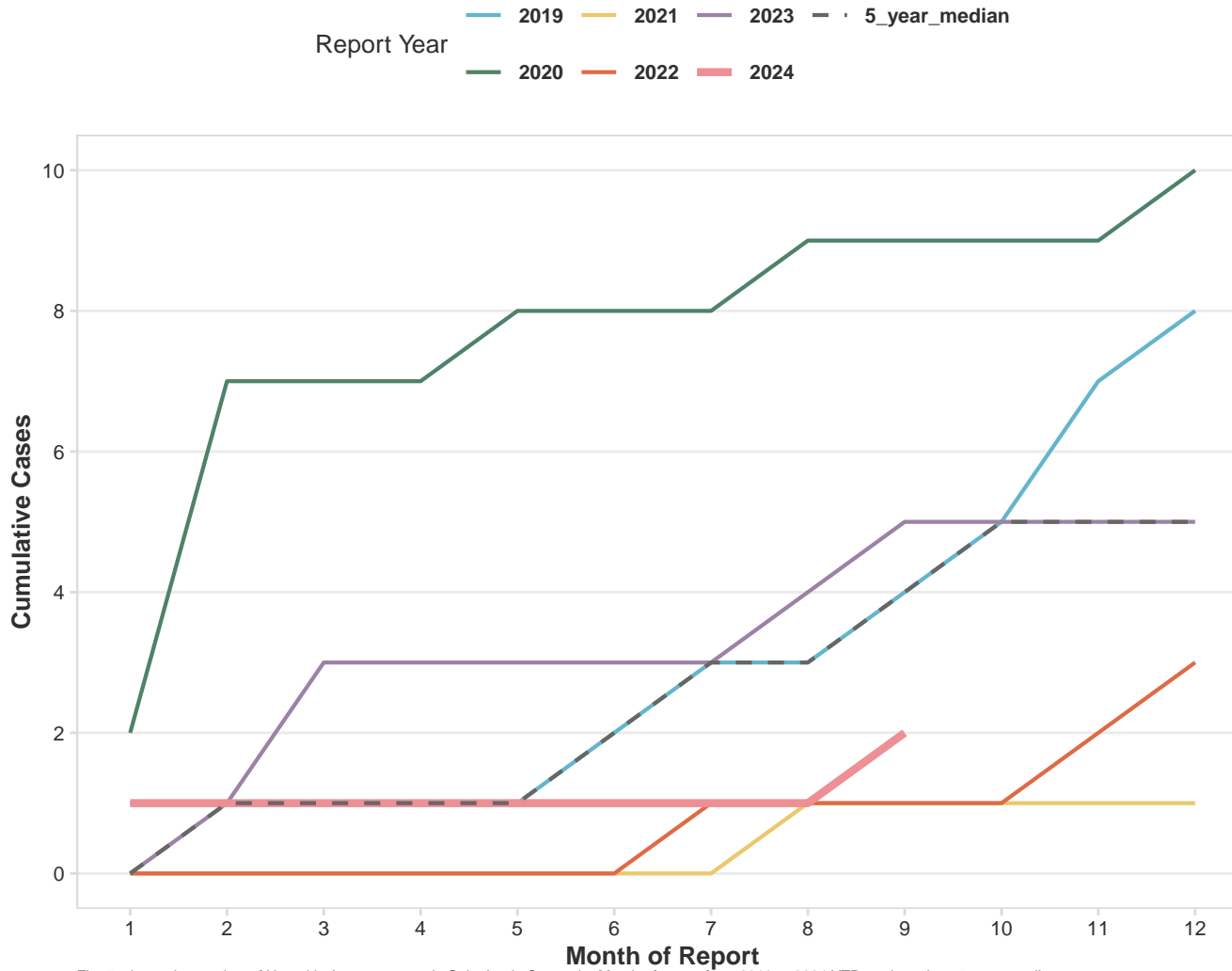


Fig. 7. shows the number of Hepatitis A, acute cases in Saint Louis County by Month of report from 2019 to 2024 YTD, and previous 5-year median.

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

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

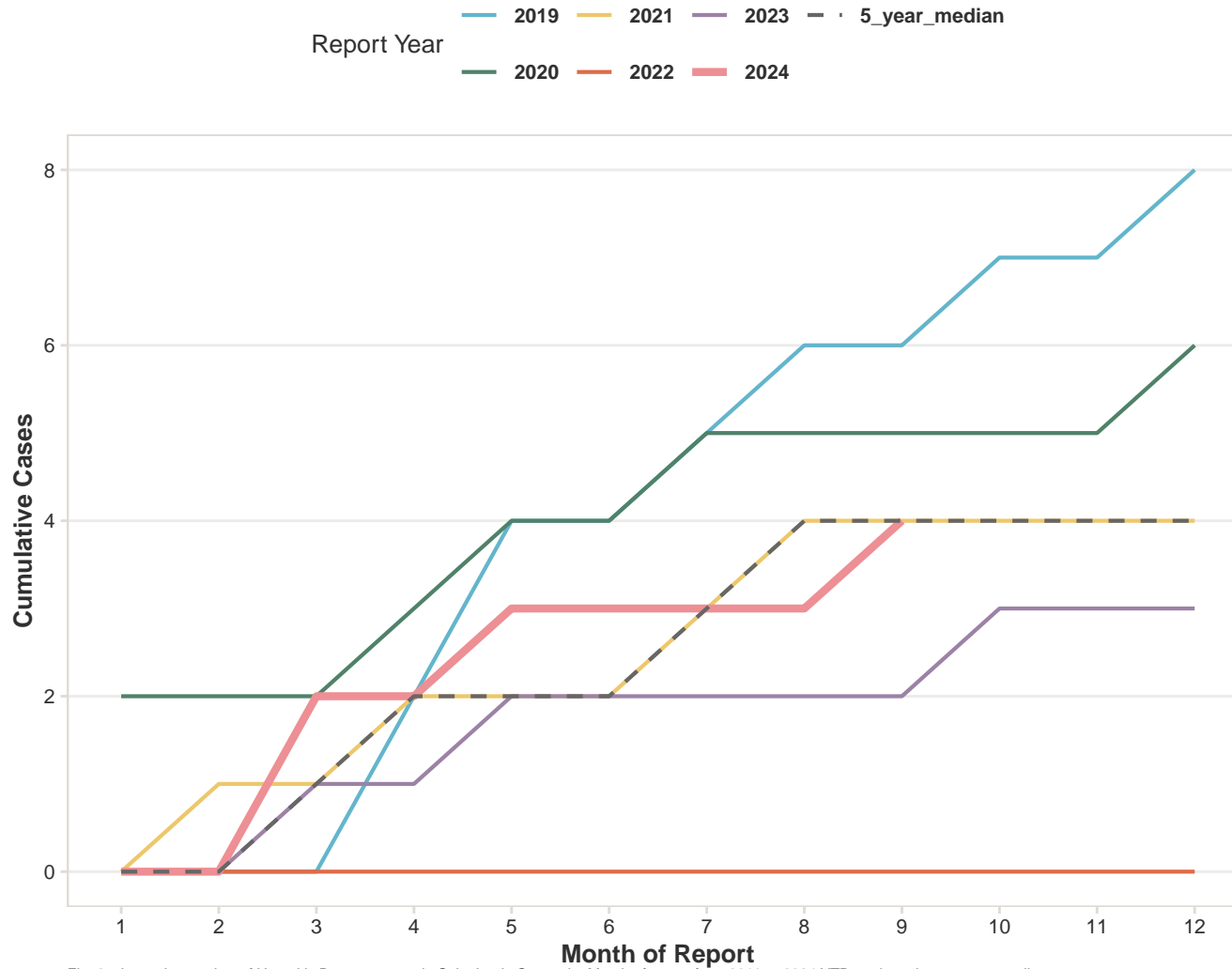


Fig. 8. shows the number of Hepatitis B, acute cases in Saint Louis County by Month of report from 2019 to 2024 YTD, and previous 5-year median.

Hepatitis C, acute: 1 new case(s) of Hepatitis C, acute reported September, 2024

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

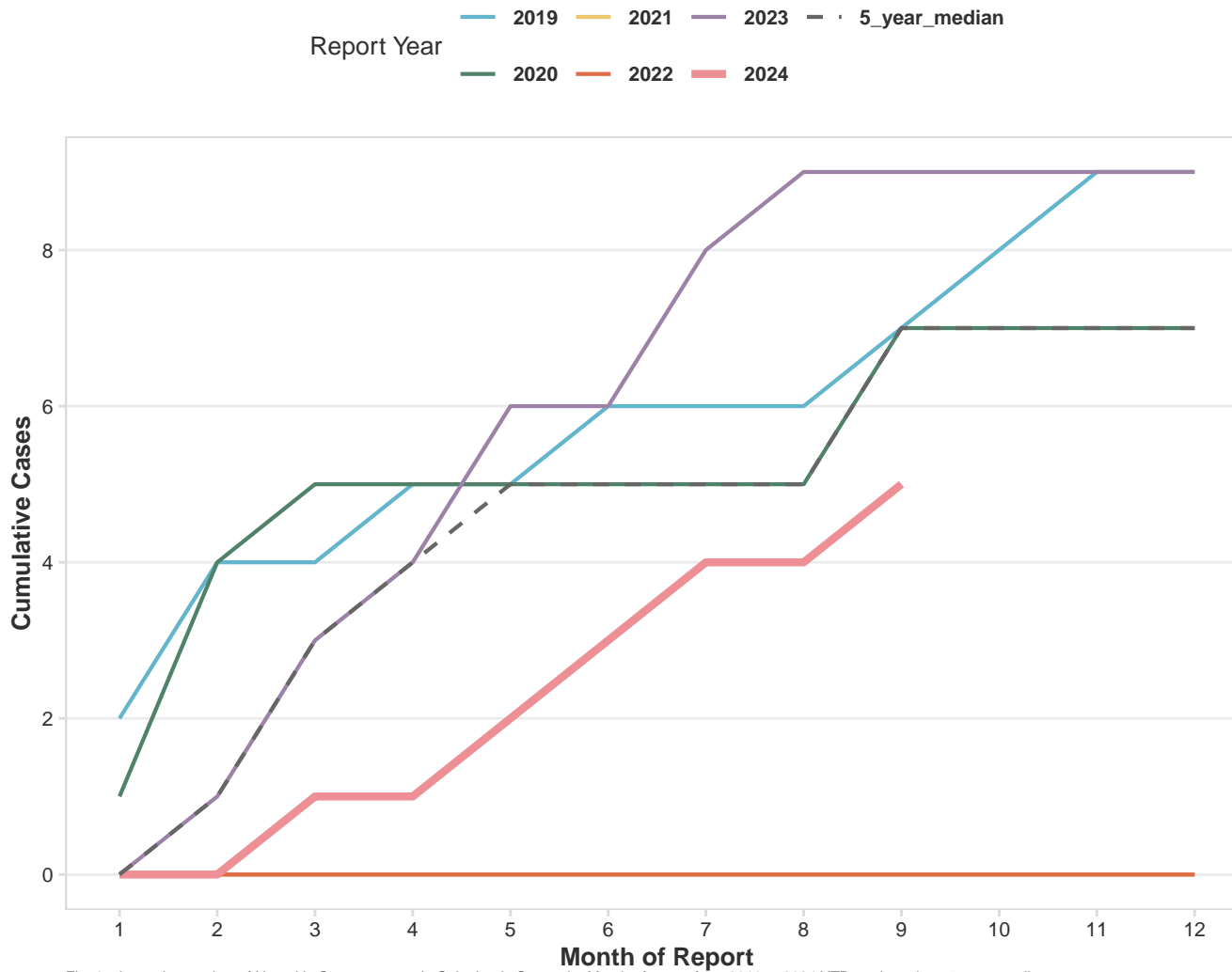


Fig. 9. shows the number of Hepatitis C, acute cases in Saint Louis County by Month of report from 2019 to 2024 YTD, and previous 5-year median.

Legionellosis: 3 new case(s) of Legionellosis reported September, 2024

Fig. 10. Cumulative Legionellosis Cases
By Month of Report

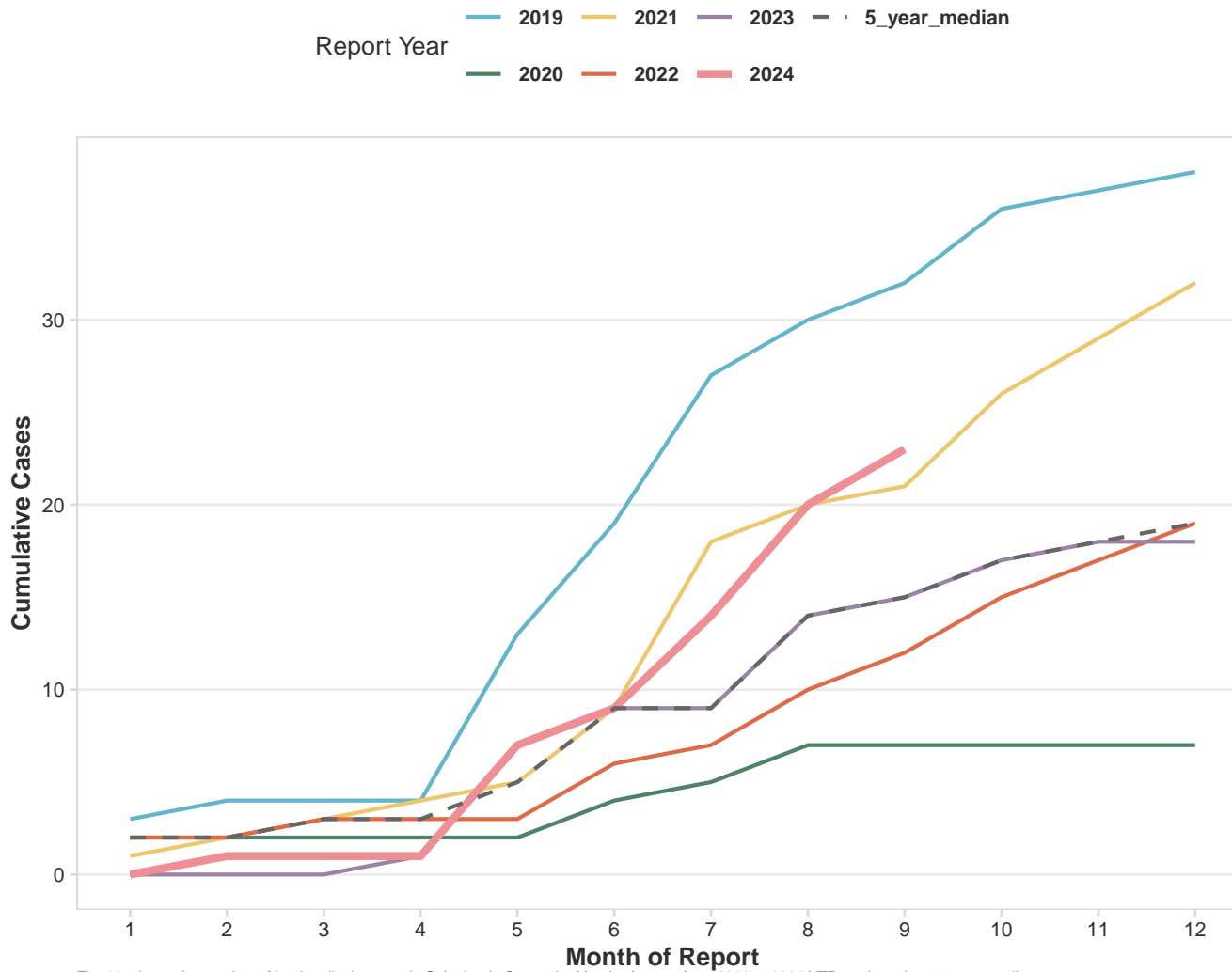


Fig. 10. shows the number of Legionellosis cases in Saint Louis County by Month of report from 2019 to 2024 YTD, and previous 5-year median.

Pertussis: 22 new case(s) of Pertussis reported September, 2024

Fig. 11. Cumulative Pertussis Cases
By Month of Report

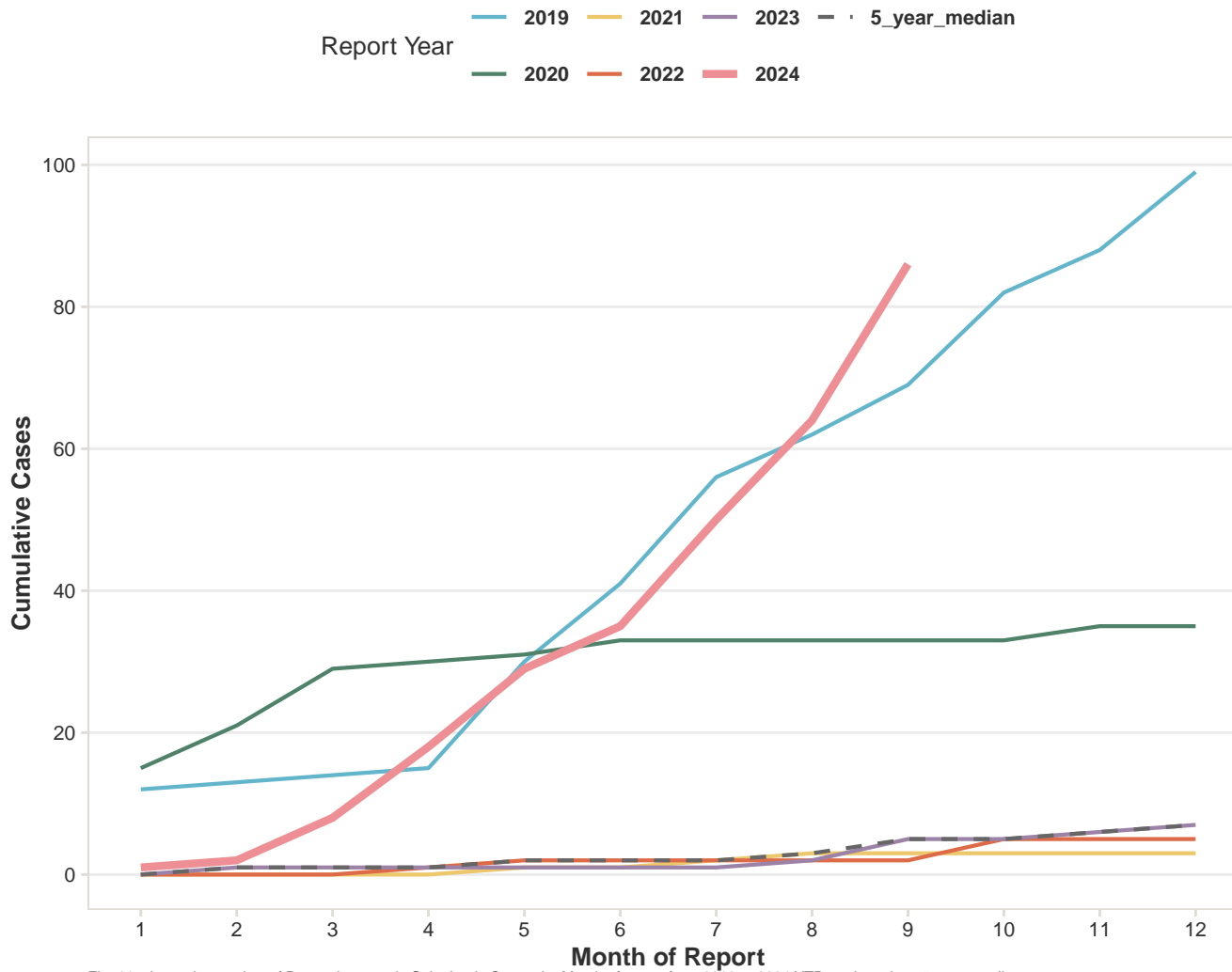


Fig. 11. shows the number of Pertussis cases in Saint Louis County by Month of report from 2019 to 2024 YTD, and previous 5-year median.

Rabies, animal: 1 new case(s) of Rabies, animal reported September, 2024

Fig. 12. Cumulative Rabies, animal Cases
By Month of Report

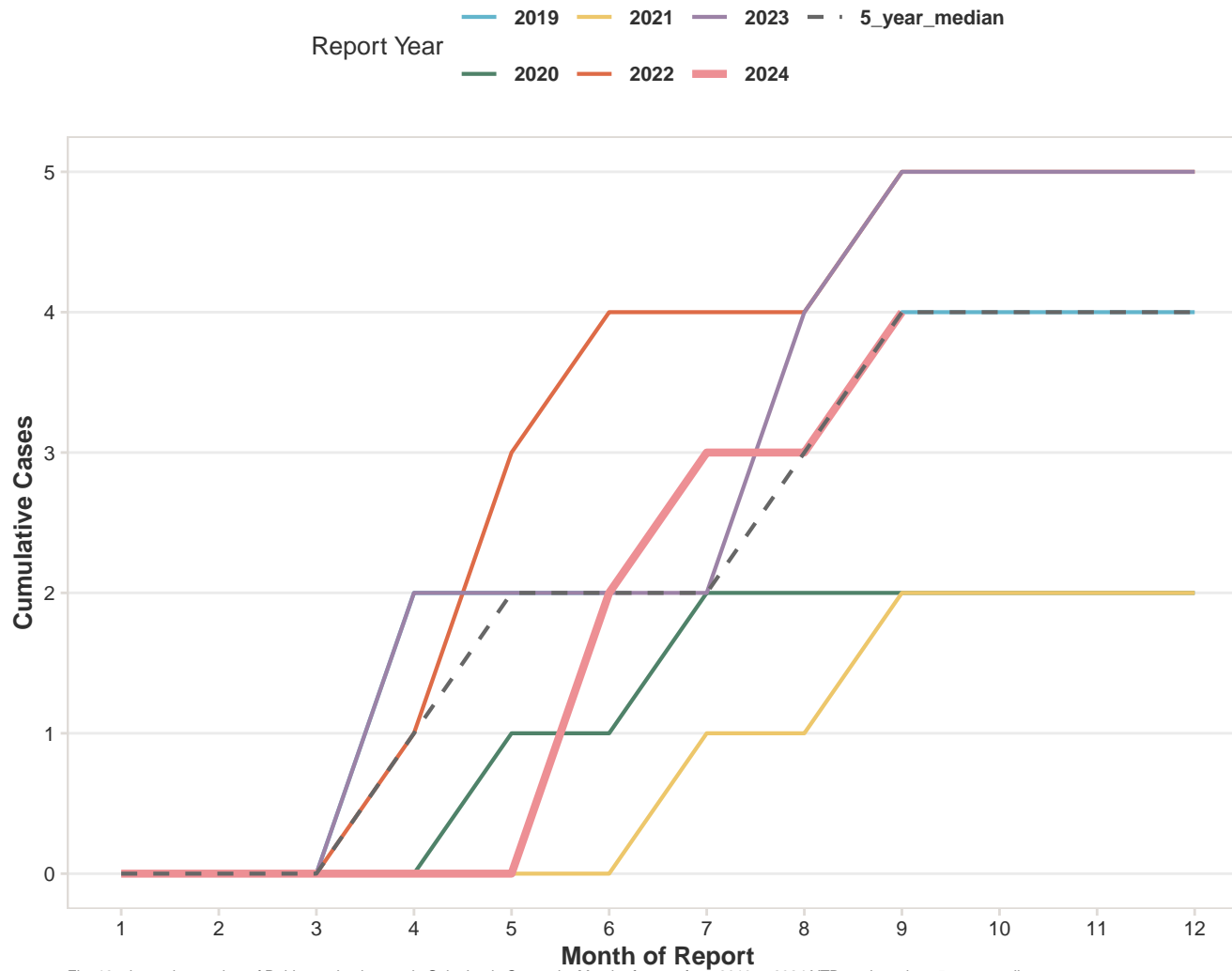


Fig. 12. shows the number of Rabies, animal cases in Saint Louis County by Month of report from 2019 to 2024 YTD, and previous 5-year median.

Salmonellosis: 16 new case(s) of Salmonellosis reported September, 2024

Fig. 13. Cumulative Salmonellosis Cases
By Month of Report

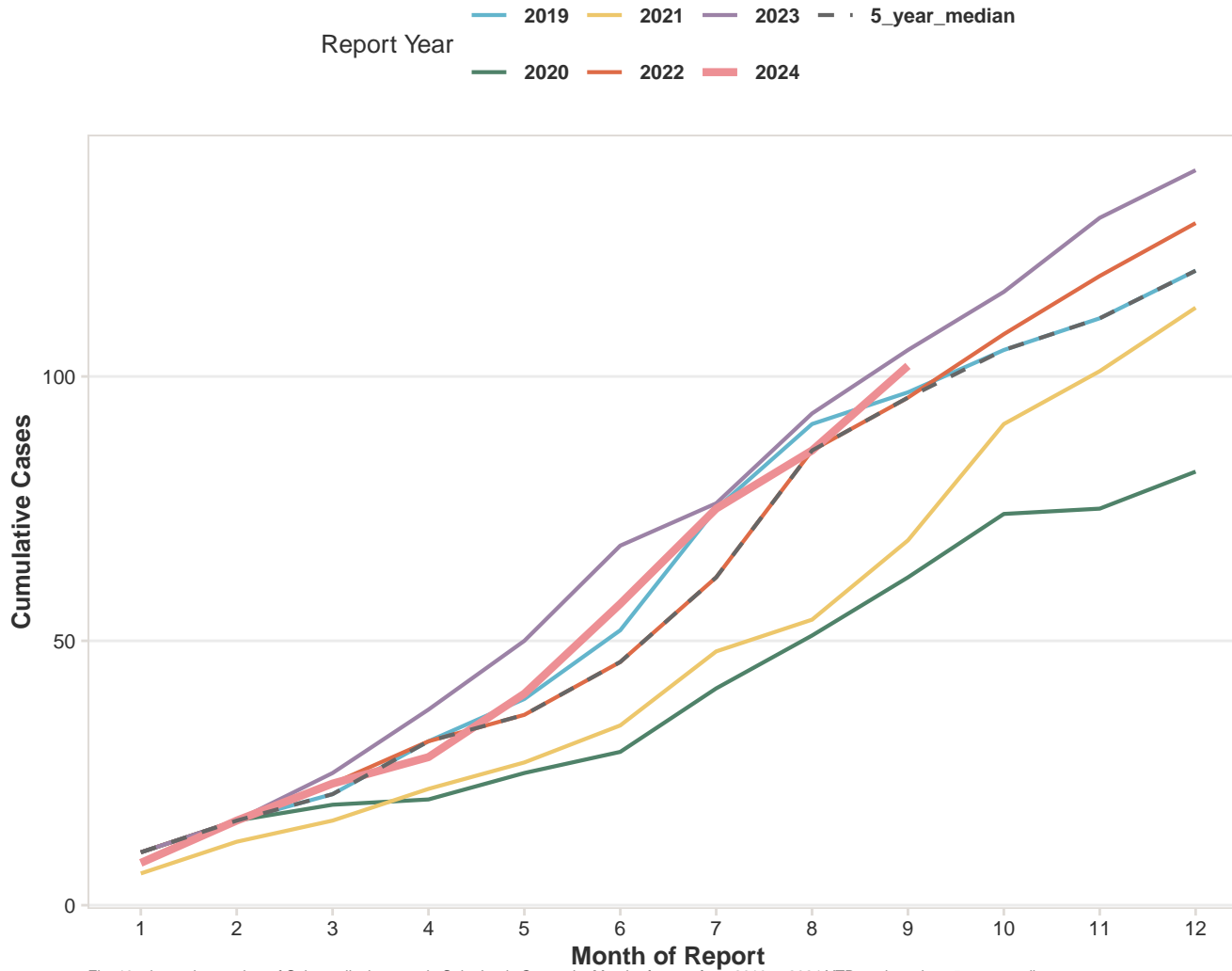


Fig. 13. shows the number of Salmonellosis cases in Saint Louis County by Month of report from 2019 to 2024 YTD, and previous 5-year median.

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

Fig. 14. Cumulative Shigellosis Cases
By Month of Report

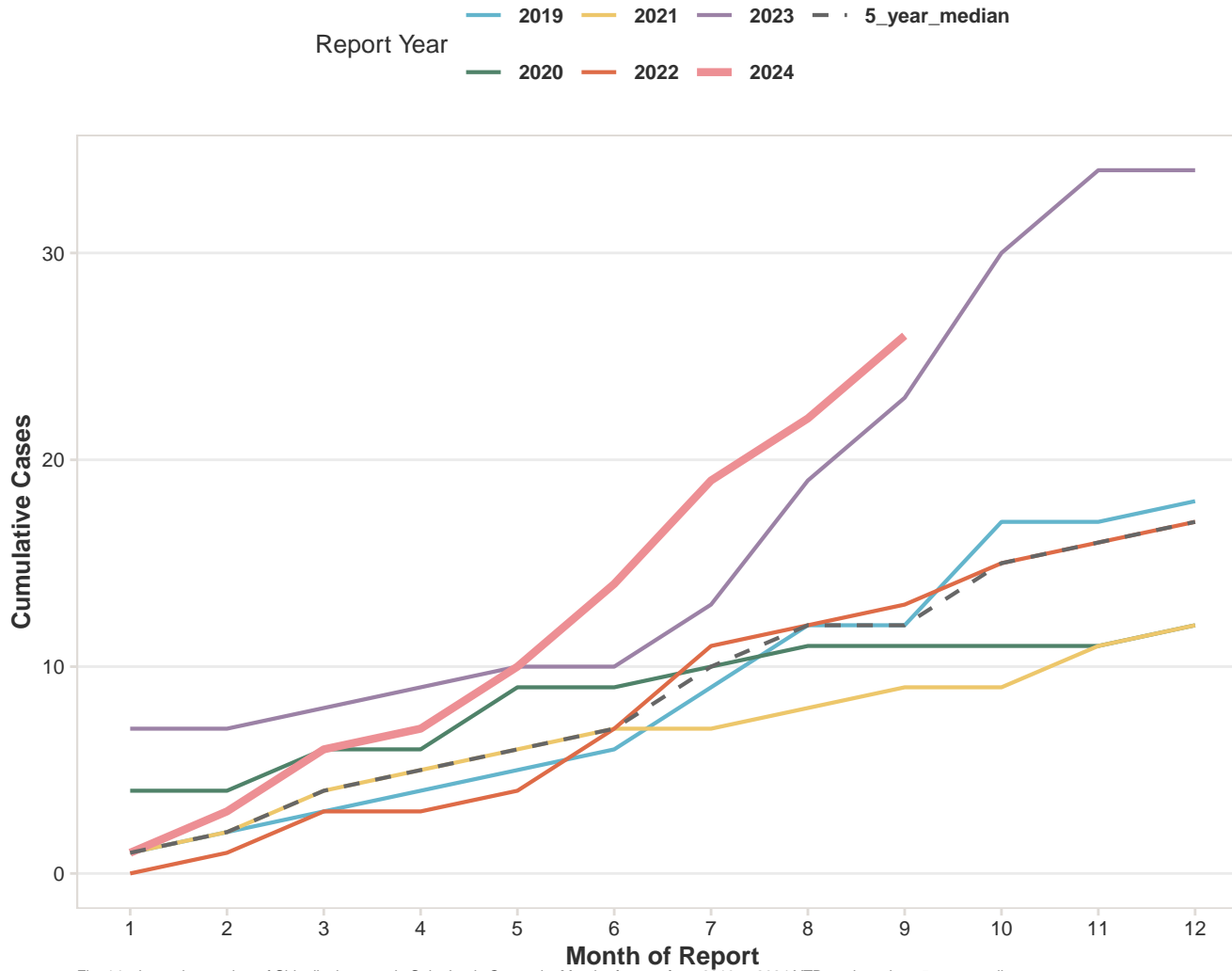


Fig. 14. shows the number of Shigellosis cases in Saint Louis County by Month of report from 2019 to 2024 YTD, and previous 5-year median.

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

Fig. 15. Cumulative TB disease Cases
By Month of Report

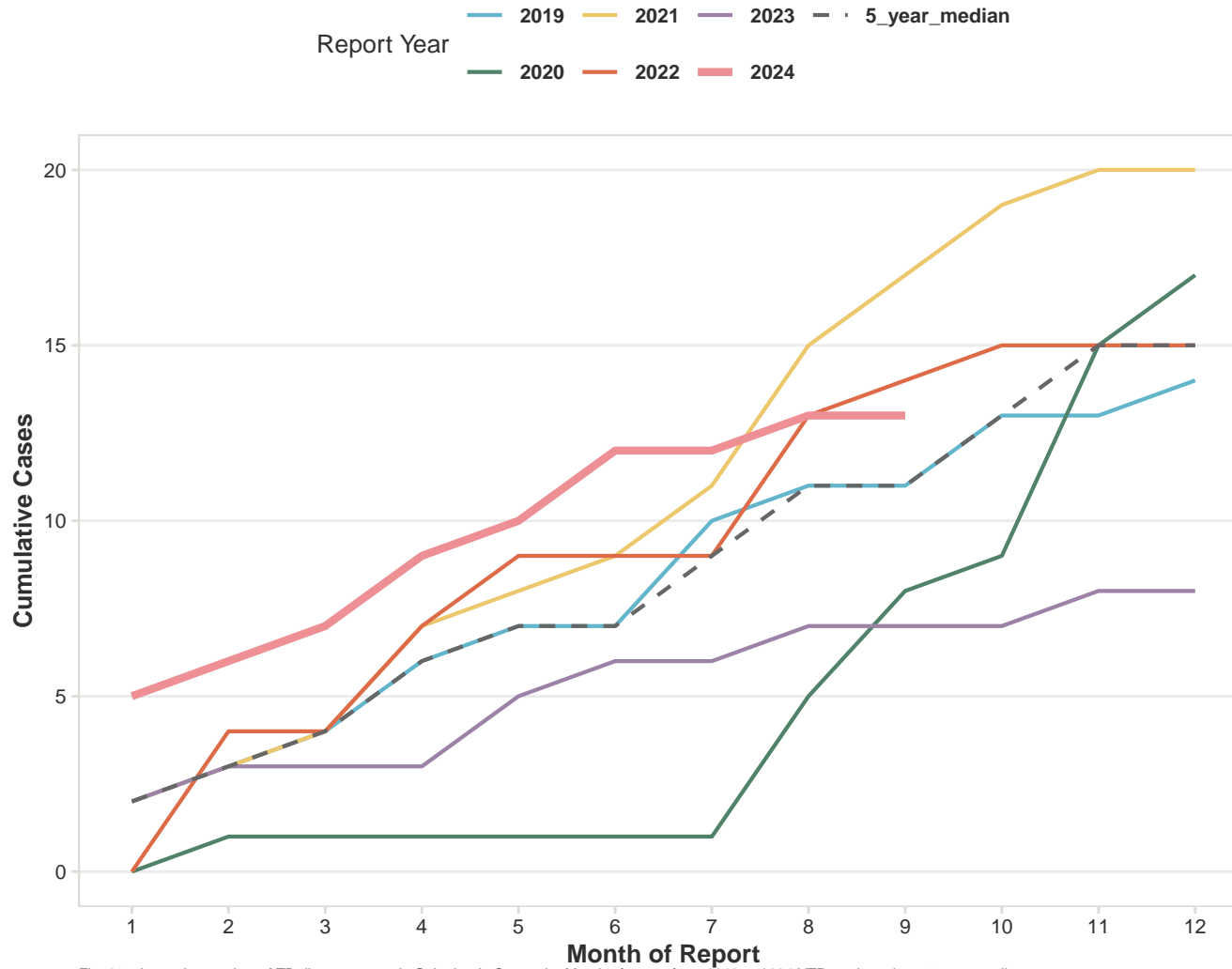


Fig. 15. shows the number of TB disease cases in Saint Louis County by Month of report from 2019 to 2024 YTD, and previous 5-year median.

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

Fig. 16. Cumulative West nile virus Cases
By Month of Report

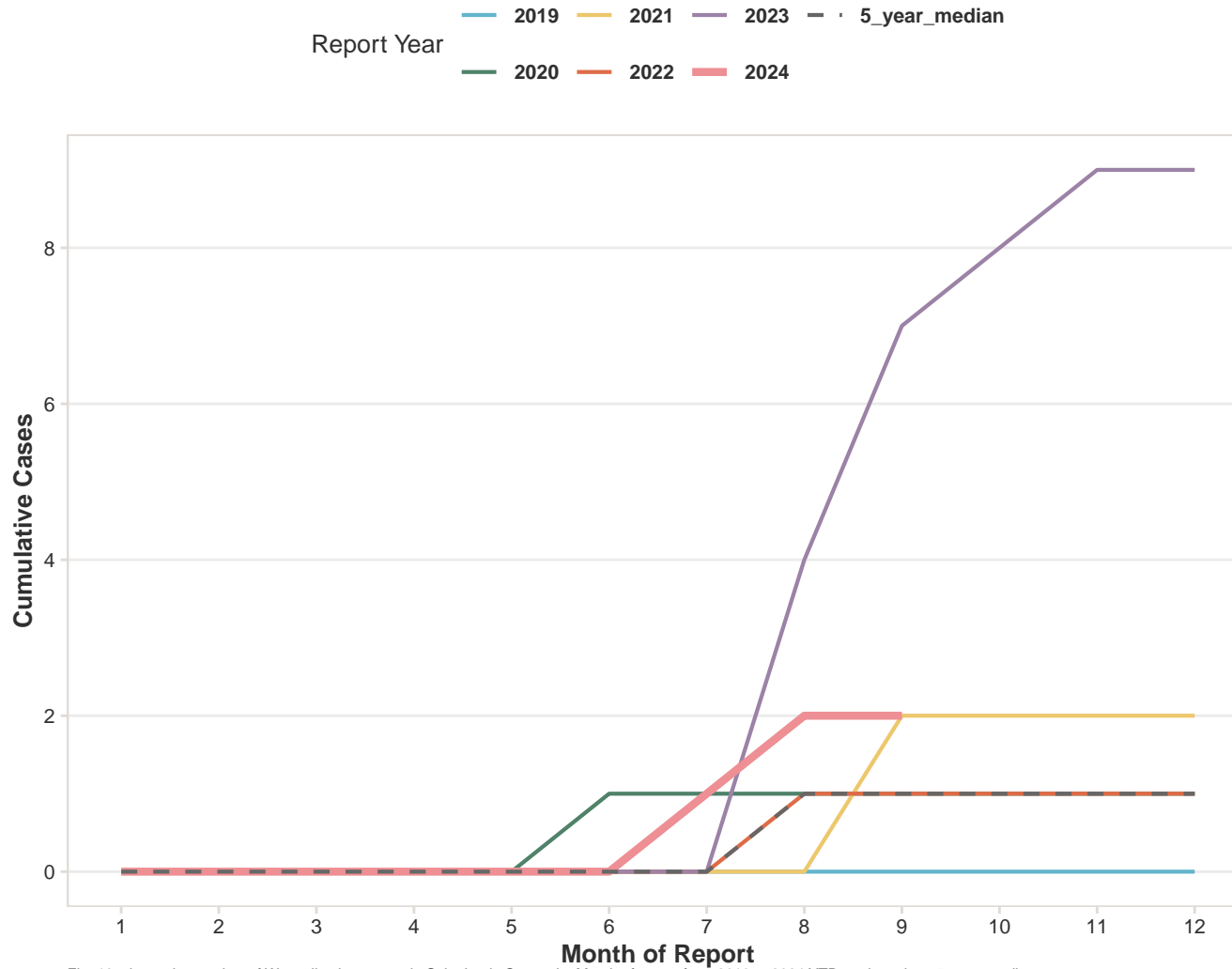


Fig. 16. shows the number of West nile virus cases in Saint Louis County by Month of report from 2019 to 2024 YTD, and previous 5-year median.

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

Fig. 17. Cumulative Varicella (chickenpox) Cases
By Month of Report

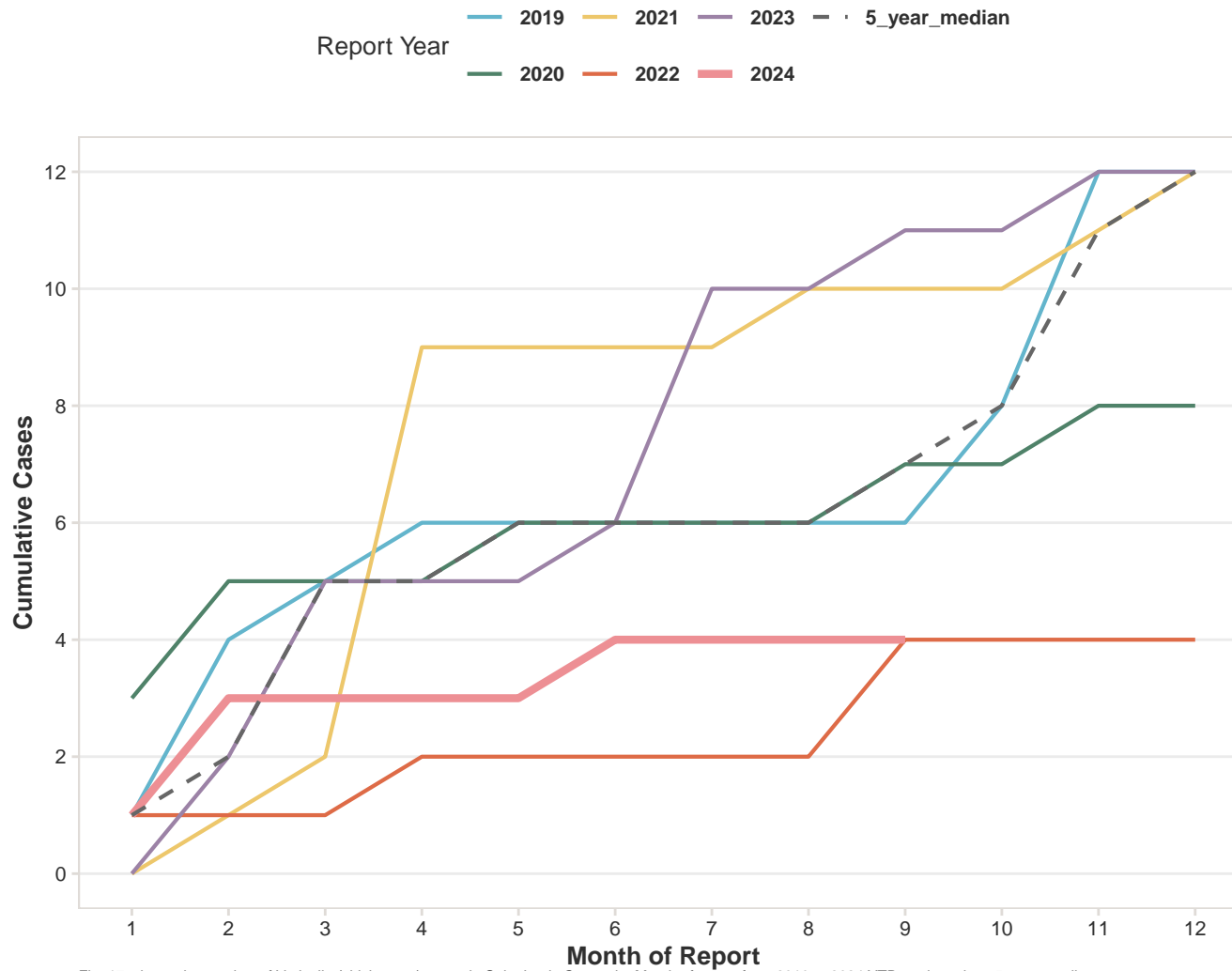


Fig. 17. shows the number of Varicella (chickenpox) cases in Saint Louis County by Month of report from 2019 to 2024 YTD, and previous 5-year median.