

FAIRFIELD COUNTY COMMUNICABLE DISEASE REPORT

DECEMBER 2024



TABLE OF CONTENTS

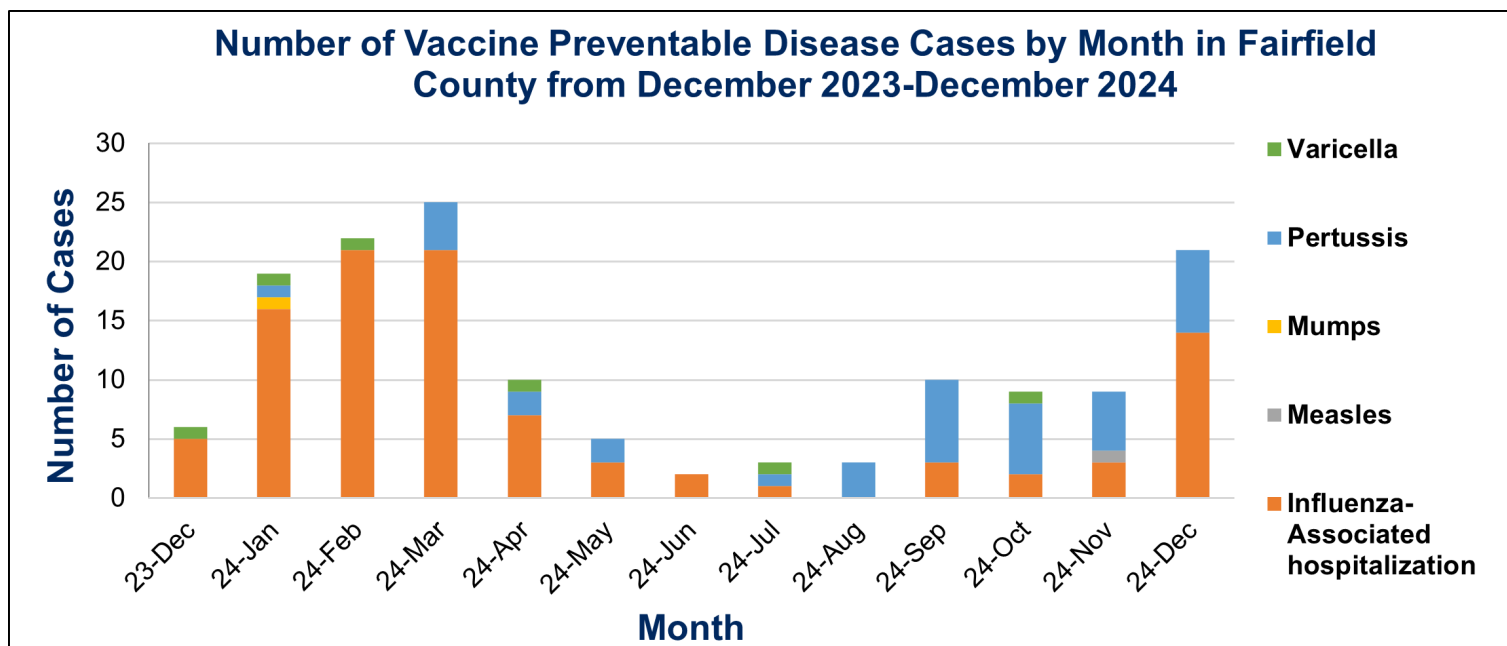
Vaccine Preventable Diseases	3
Sexually Transmitted Diseases	4
Invasive Diseases	5
Zoonotic & Emerging Diseases	6
Foodborne & Enteric Diseases	7
Drug-Resistant Organisms	8
Viral Hepatitis	9
Coronavirus	10
Communicable Disease Summary	11

VACCINE PREVENTABLE DISEASES

Monthly Communicable Disease Report	December 2024	YTD 2024	December 2023	YTD 2023
Vaccine Preventable Diseases				
Influenza-Associated Hospitalization	14	93	5	19
Measles	0	1	0	0
Mumps	0	1	0	5
Pertussis	7	38	0	10
Varicella	0	5	1	7

Key Findings:

- Influenza-associated hospitalizations has increased to 14 cases for December 2024 compared to 2 cases the previous month. Year-to-Date (YTD) data for 2024 reveals a significant **increase**, with 93 cases compared to 19 during the same period in 2023.
- There was 7 reported cases of Pertussis in December 2024. Pertussis is still showing an upward trend overall this year, with 38 cases reported YTD compared to 10 cases by the same time last year. The outbreak identified in September is still ongoing with the investigation monitored by Franklin County Public Health.
- No cases of Varicella, Measles or mumps reported in December 2024.



***Note:** The reported data for Influenza-Associated hospitalizations, Measles, Mumps, Pertussis, and Varicella include confirmed, probable, and suspected cases. Data is subject to change as new and/or updated information is received.

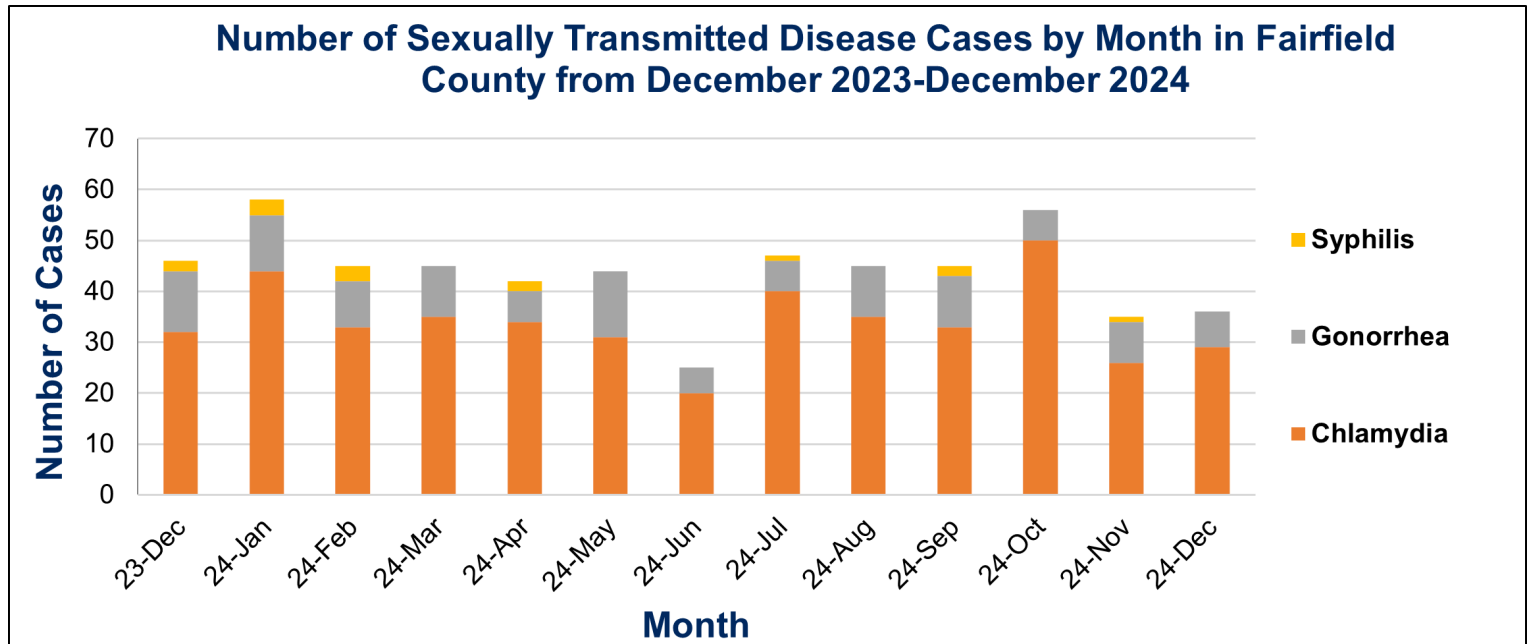
Source: Ohio Disease Reporting System Data as of 01/03/2025

SEXUALLY TRANSMITTED DISEASES

Monthly Communicable Disease Report	December 2024	YTD 2024	December 2023	YTD 2023
Sexually Transmitted Diseases				
Chlamydia	29	410	32	460
Gonorrhea	7	101	12	117
Syphilis	0	11	2	45

Key Findings:

- Chlamydia cases have **increased** from 23 cases in November to 29 cases in December 2024.
- Cases for Gonorrhea were at 7 in December 2024, a **decrease** from the same time last year.
- There was no cases Syphilis in December 2024.
- Year-to-date (YTD) data for 2024 shows a **decrease** in cases of Chlamydia, Gonorrhea, and Syphilis compared to 2023, reflecting the positive impact of current FCHD outreach efforts.



***Note:** The reported data for Chlamydia, Gonorrhea, and Syphilis include confirmed, probable, and suspected cases. Data is subject to change as new and/or updated information is received.

Source: Ohio Disease Reporting System Data as of 01/03/2025

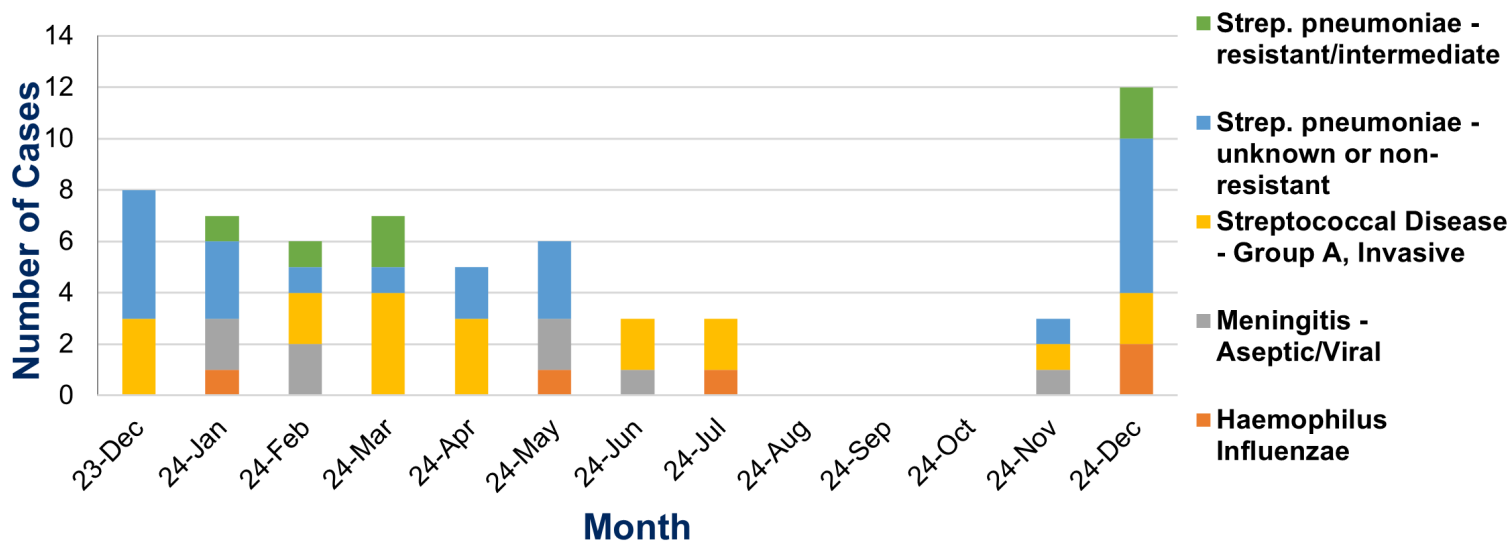
INVASIVE DISEASES

Monthly Communicable Disease Report	December 2024	YTD 2024	December 2023	YTD 2023
Invasive Diseases				
Haemophilus Influenzae	2	5	0	2
Meningitis - Aseptic/Viral	0	8	0	6
Streptococcal Disease - Group A, Invasive	2	16	3	32
Strep. pneumoniae - unknown or non-resistant	6	17	5	17
Strep. pneumoniae - resistant/intermediate	2	6	0	2

Key Findings:

- In December 2024, there were 2 cases of H. influenzae and 2 cases of Strep. pneumoniae (resistant/intermediate), compared to no cases of either condition in December 2023.
- 2 cases of Streptococcal disease (Group A, invasive) were reported, down from 3 the previous year.
- 6 cases of Strep. pneumoniae (unknown or non-resistant) were observed, slightly higher than the 5 cases reported last year.
- 1 case of Meningococcal disease (N. meningitidis) was reported for December 2024 but is not included in the above table.
- There were no cases of Meningitis (aseptic/viral), consistent with the same time last year.

Number of Invasive Disease Cases by Month in Fairfield County from December 2023-December 2024



***Note:** The reported data for Haemophilus Influenzae, Meningitis (Aseptic/Viral), Streptococcal Disease (Group A, Invasive), Strep. pneumoniae (unknown or non-resistant), and Strep. pneumoniae (resistant/intermediate) include confirmed, probable, and suspected cases. Data is subject to change as new and/or updated information is received.

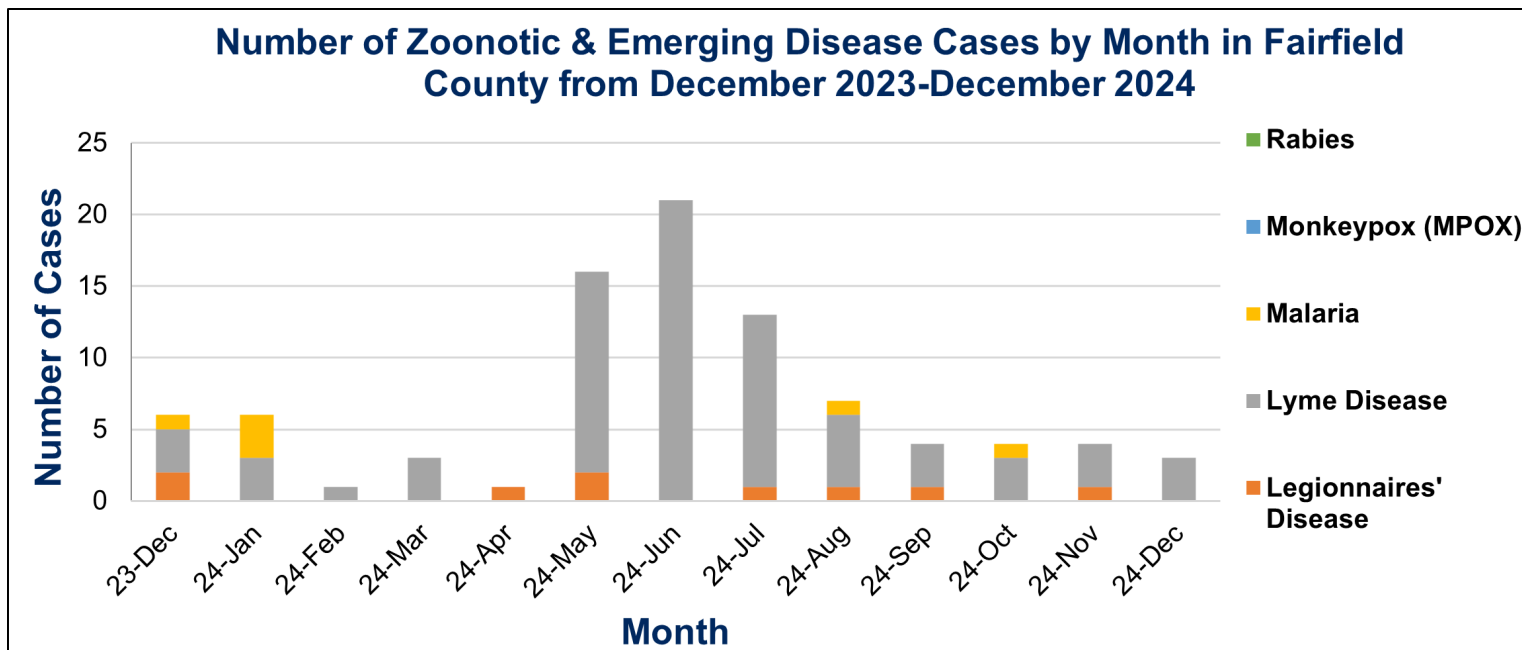
Source: Ohio Disease Reporting System Data as of 01/03/2025

ZOONOTIC & EMERGING DISEASES

Monthly Communicable Disease Report	December 2024	YTD 2024	December 2023	YTD 2023
Zoonotic & Emerging Diseases				
Legionnaires' Disease	0	7	2	6
Lyme Disease	3	71	3	87
Malaria	0	5	1	3
Monkeypox (MPOX)	0	0	0	1
Rabies	0	0	0	0

Key Findings:

- For the month of December, there was 3 Lyme Disease cases, consistent with the same time last year. YTD shows a **decrease** by 16 compared to 2023.
- No cases of Legionnaires, Malaria, Monkeypox, or Rabies were reported in December 2024.



***Note:** The reported data for Legionnaires' Disease, Lyme Disease, Malaria, Monkeypox, and Rabies include confirmed, probable, and suspected cases. Data is subject to change as new and/or updated information is received.

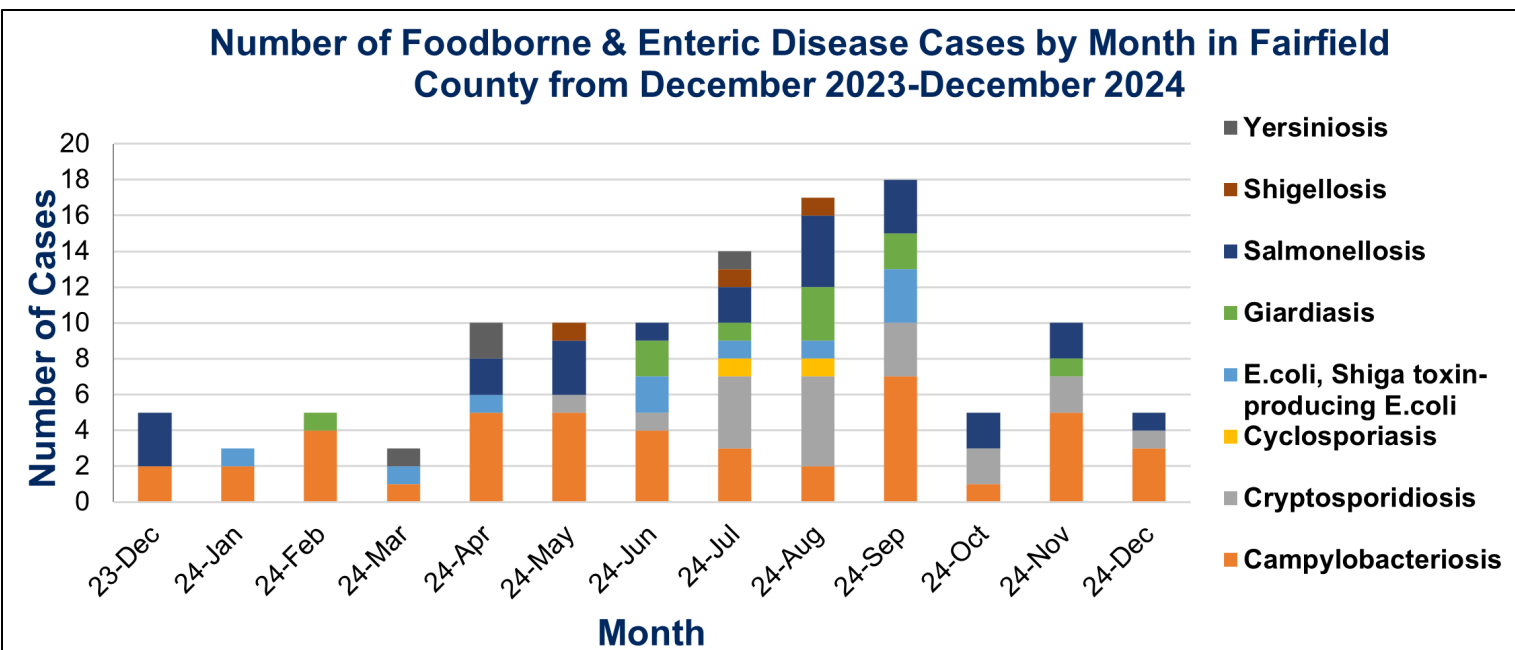
Source: Ohio Disease Reporting System Data as of 01/03/2025

FOODBORNE & ENTERIC DISEASES

Monthly Communicable Disease Report	December 2024	YTD 2024	December 2023	YTD 2023
Foodborne & Enteric Diseases				
Campylobacteriosis	3	42	2	33
Cryptosporidiosis	1	19	0	6
Cyclosporiasis	0	2	0	5
E.coli, Shiga toxin-producing E.coli	0	10	0	14
Giardiasis	0	10	0	7
Salmonellosis	1	20	3	36
Shigellosis	0	3	0	3
Yersiniosis	0	4	0	3

Key Findings:

- In December 2024, there was 3 cases of Campylobacteriosis, a **decrease** by 2 compared to the same month last year. Year-to-Date (YTD) data for 2024 indicates a higher number of cases compared to 2023.
- There was 1 case of Cryptosporidiosis in December 2024. YTD data shows a **significant increase** in cases compared to last year.
- 1 case of Salmonellosis was reported in December 2024. Overall YTD data shows a **significant decrease**, highlighting the effectiveness of FCHD Environmental Health efforts.
- There were 0 cases for Cyclosporiasis, E. coli, Giardiasis, Shigellosis, and Yersiniosis for December 2024.



***Note:** The reported data for Campylobacteriosis, Cryptosporidiosis, Cyclosporiasis, E.Coli, Shiga toxin-producing E. Coli, Giardiasis, Salmonellosis, Shigellosis, and Yersiniosis include confirmed, probable, and suspected cases. Data is subject to change as new and/or updated information is received.

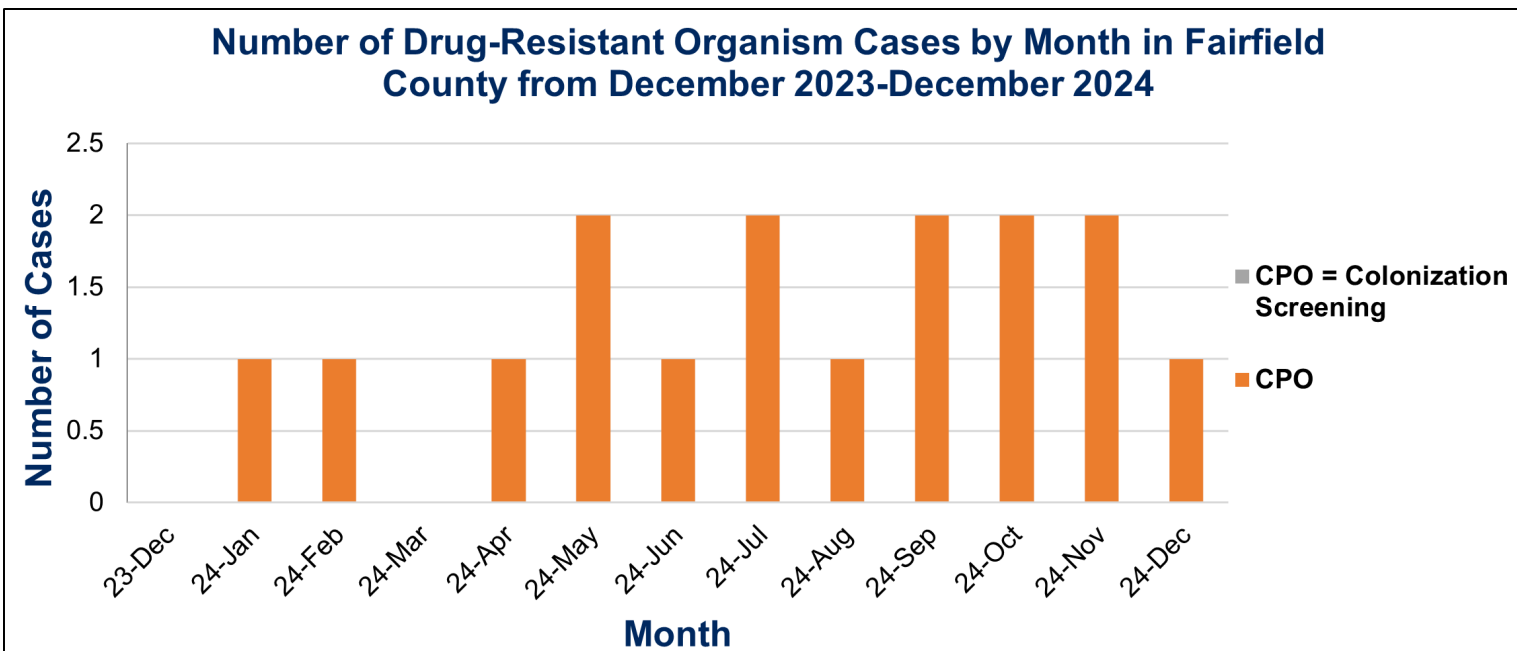
Source: Ohio Disease Reporting System Data as of 01/03/2025

DRUG RESISTANT ORGANISMS

Monthly Communicable Disease Report	December 2024	YTD 2024	December 2023	YTD 2023
Drug-Resistant Organisms				
CPO	1	16	0	11
CPO - Colonization Screening	0	0	0	2

Key Findings:

- In December 2024, there was 1 reported case for Carbapenemase-producing Organisms (CPO) and 0 cases reported for CPO - colonization screening.
- YTD 2024 has 16 reported cases of CPO and 0 cases of CPO - colonization screening compared to 11 in the YTD 2023 for CPO and 2 for CPO - colonization screening.



***Note:** The reported data for CPO and CPO - Colonization Screening include confirmed, probable, and suspected cases. Data is subject to change as new and/or updated information is received.

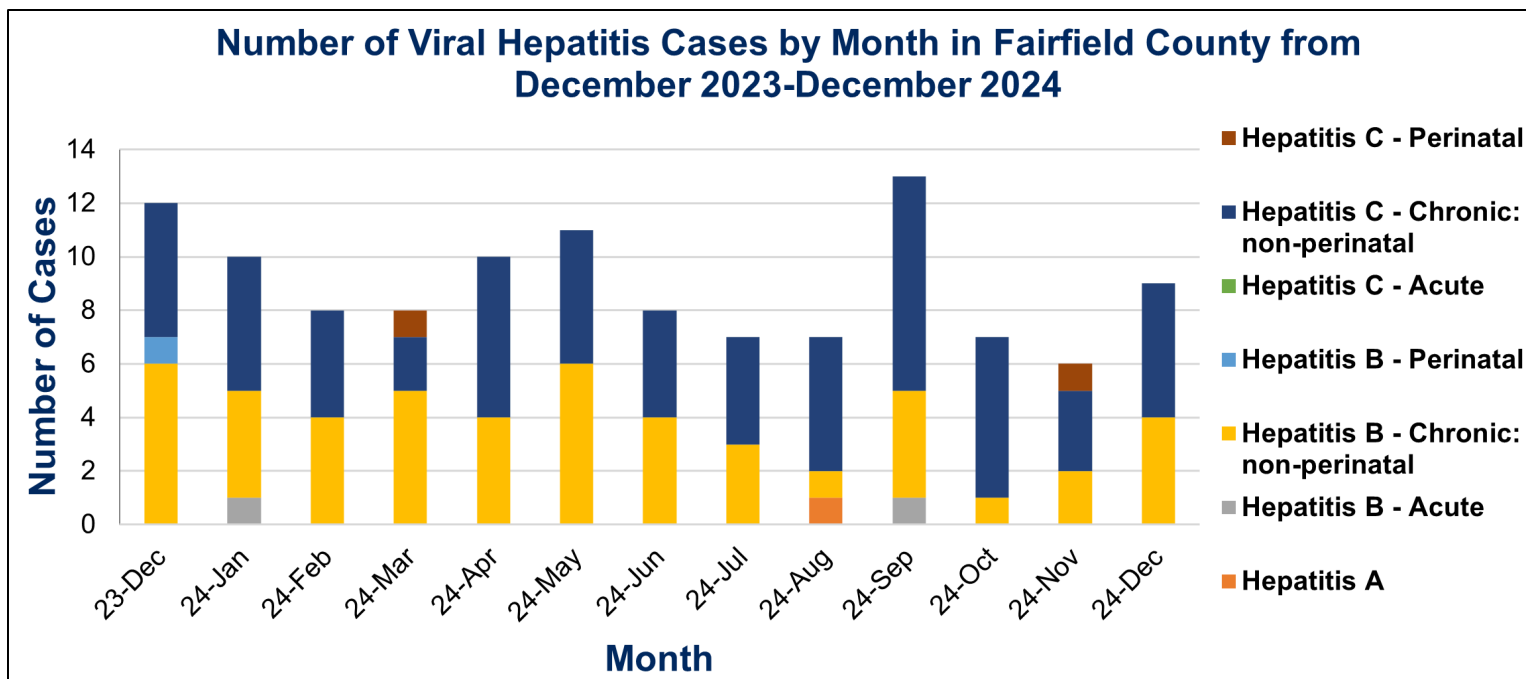
Source: Ohio Disease Reporting System Data as of 01/03/2025

VIRAL HEPATITIS

Monthly Communicable Disease Report	December 2024	YTD 2024	December 2023	YTD 2023
Viral Hepatitis				
Hepatitis A	0	1	0	0
Hepatitis B - Acute	0	2	0	0
Hepatitis B - Chronic: non-perinatal	4	42	6	46
Hepatitis B - Perinatal	0	0	1	7
Hepatitis C - Acute	0	0	0	2
Hepatitis C - Chronic: non-perinatal	5	57	5	94
Hepatitis C - Perinatal	0	2	0	1

Key Findings:

- In December 2024, there were no reported cases of Hepatitis A, Acute or Perinatal Hepatitis B, and Acute or Perinatal Hepatitis C, consistent with the absence of cases for each in December 2023 with the exception of Hepatitis B perinatal (1 case).
- Year-to-Date (YTD) data for 2024 shows an **decrease** in Chronic Hepatitis B (non-perinatal) cases, with 42 reported cases compared to 46 in YTD 2023.
- Conversely, Chronic Hepatitis C (non-perinatal) has **decreased significantly** overall, with 57 cases reported in YTD 2024, down from 94 cases in YTD 2023.



***Note:** The reported data for Hepatitis A, Hepatitis B (Acute, Chronic, perinatal), Hepatitis C (Acute, Chronic, Perinatal) include confirmed, probable, and suspected cases. Data is subject to change as new and/or updated information is received.

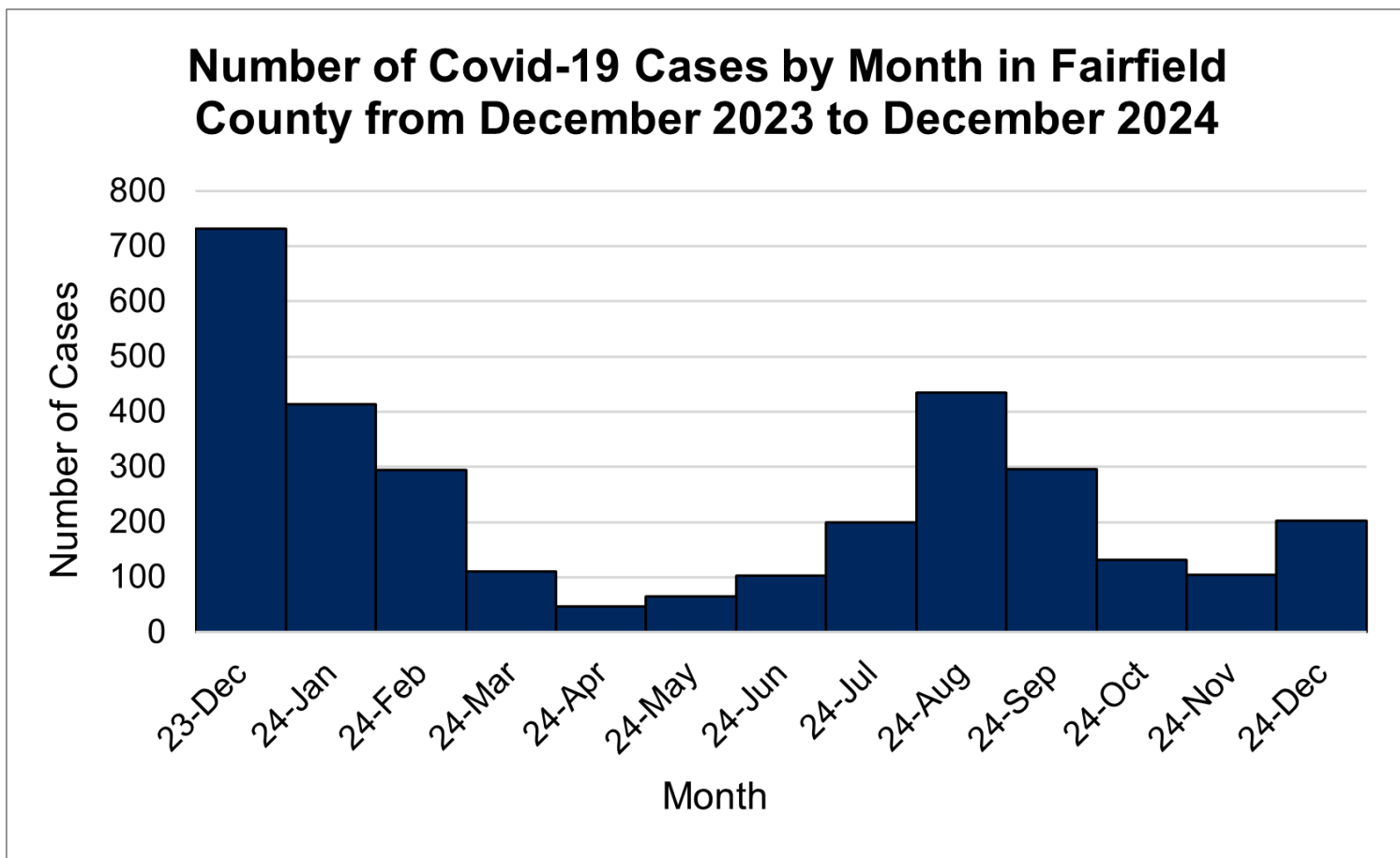
Source: Ohio Disease Reporting System Data as of 01/03/2025

CORONAVIRUS

Disease	Dec 2024	YTD 2024	Dec 2023	YTD 2023	Change
Covid-19	202	2399	731	3674	-529

Key Findings:

- In December 2024, there were 202 reported cases of COVID-19, compared to 731 cases in December 2023.
- Year-to-date (YTD) 2024 had 2,399 cases, showing a **decrease** from 3,674 cases in YTD 2023.
- The change in cases between December 2023 and December 2024 was minus 529, indicating a **decrease** in cases over the same period.



***Note:** The reported data for Covid-19 includes both confirmed, and probable cases. Data is subject to change as new and/or updated information is received.

Source: Ohio Disease Reporting System Data as of 01/03/2025

Disease	Dec 23 - Dec 24 Trendline
Covid-19	

For the most recent information on COVID-19 in Fairfield County please visit:

<https://www.fairfieldhealth.org/FDH-COVID-19-Information.html>

COMMUNICABLE DISEASE SUMMARY

Monthly Communicable Disease Report	December 2024	YTD 2024	December 2023	YTD 2023
Vaccine Preventable Diseases				
Influenza-Associated Hospitalization	14	93	5	19
Measles	0	1	0	0
Mumps	0	1	0	5
Pertussis	7	38	0	10
Varicella	0	5	1	7
Sexually Transmitted Diseases				
Chlamydia	29	410	32	460
Gonorrhea	7	101	12	117
Syphilis	0	11	2	45
Invasive Diseases				
Haemophilus Influenzae	2	5	0	2
Meningitis - Aseptic/Viral	0	8	0	6
Streptococcal Disease - Group A, Invasive	2	16	3	32
Strep. pneumoniae - unknown or non-resistant	6	17	5	17
Strep. pneumoniae - resistant/intermediate	2	6	0	2
Zoonotic & Emerging Diseases				
Legionnaires' Disease	0	7	2	6
Lyme Disease	3	71	3	87
Malaria	0	5	1	3
Monkeypox (MPOX)	0	0	0	1
Rabies	0	0	0	0
Foodborne & Enteric Diseases				
Campylobacteriosis	3	42	2	33
Cryptosporidiosis	1	19	0	6
Cyclosporiasis	0	2	0	5
E.coli, Shiga toxin-producing E.coli	0	10	0	14
Giardiasis	0	10	0	7
Salmonellosis	1	20	3	36
Shigellosis	0	3	0	3
Yersiniosis	0	4	0	3
Drug-Resistant Organisms				
CPO	1	16	0	11
CPO - Colonization Screening	0	0	0	2
Viral Hepatitis				
Hepatitis A	0	1	0	0
Hepatitis B - Acute	0	2	0	0
Hepatitis B - Chronic: non-perinatal	4	42	6	46
Hepatitis B - Perinatal	0	0	1	7
Hepatitis C - Acute	0	0	0	2
Hepatitis C - Chronic: non-perinatal	5	57	5	94
Hepatitis C - Perinatal	0	2	0	1
Coronavirus				
Covid-19	202	2399	731	3674
Total	289	3424	814	4763

*Case counts include confirmed, probable, and suspected cases (excluding Covid-19). **Not pictured: 1 Meningococcal disease - N. meningitidis**