

FAIRFIELD COUNTY COMMUNICABLE DISEASE REPORT

AUGUST 2024



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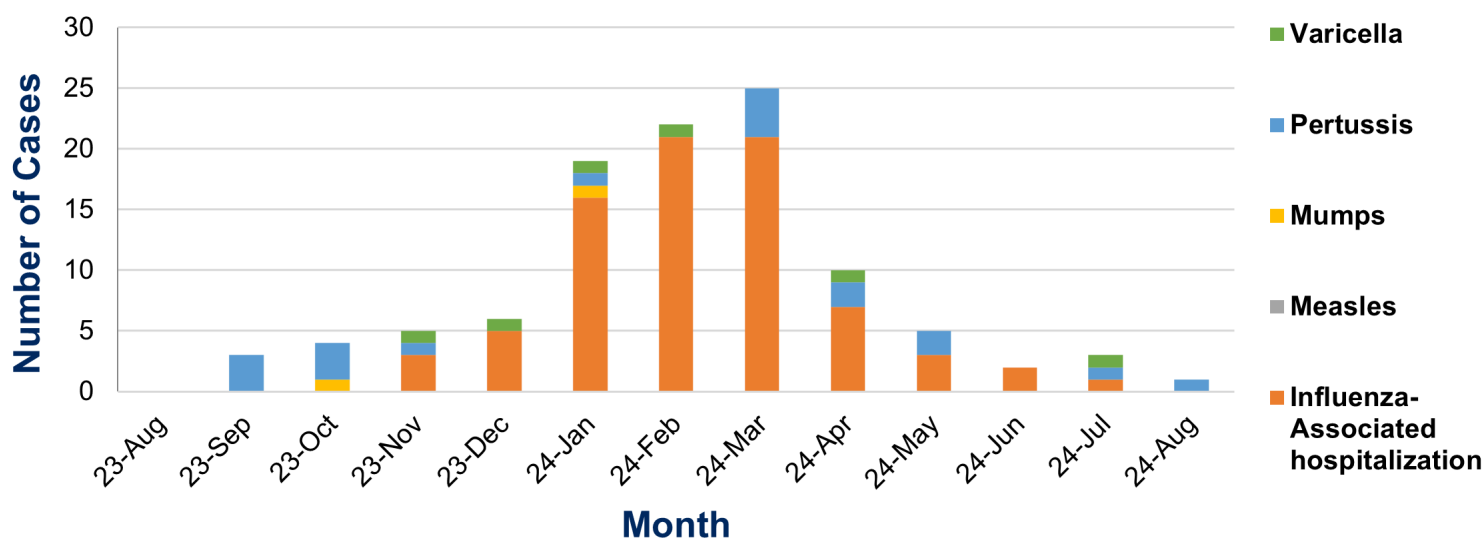
VACCINE PREVENTABLE DISEASES

Monthly Communicable Disease Report	August 2024	YTD 2024	August 2023	YTD 2023
Vaccine Preventable Diseases				
Influenza-Associated Hospitalization	0	71	0	11
Measles	0	0	0	0
Mumps	0	1	0	4
Pertussis	1	11	0	3
Varicella	0	4	0	5

Key Findings:

- Influenza-associated hospitalizations have continued to **decline** in 2024. However, Year-to-Date (YTD) data for 2024 reveals a significant 645% increase, with 71 cases compared to 11 during the same period in 2023.
- There was 1 reported case each of Pertussis in August 2024. Pertussis is showing an upward trend this year, with 11 cases reported YTD compared to 3 cases by the same time last year.
- No cases of measles, mumps, or varicella were reported in August 2024.

Number of Vaccine Preventable Disease Cases by Month in Fairfield County from August 2023-August 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 09/03/2024

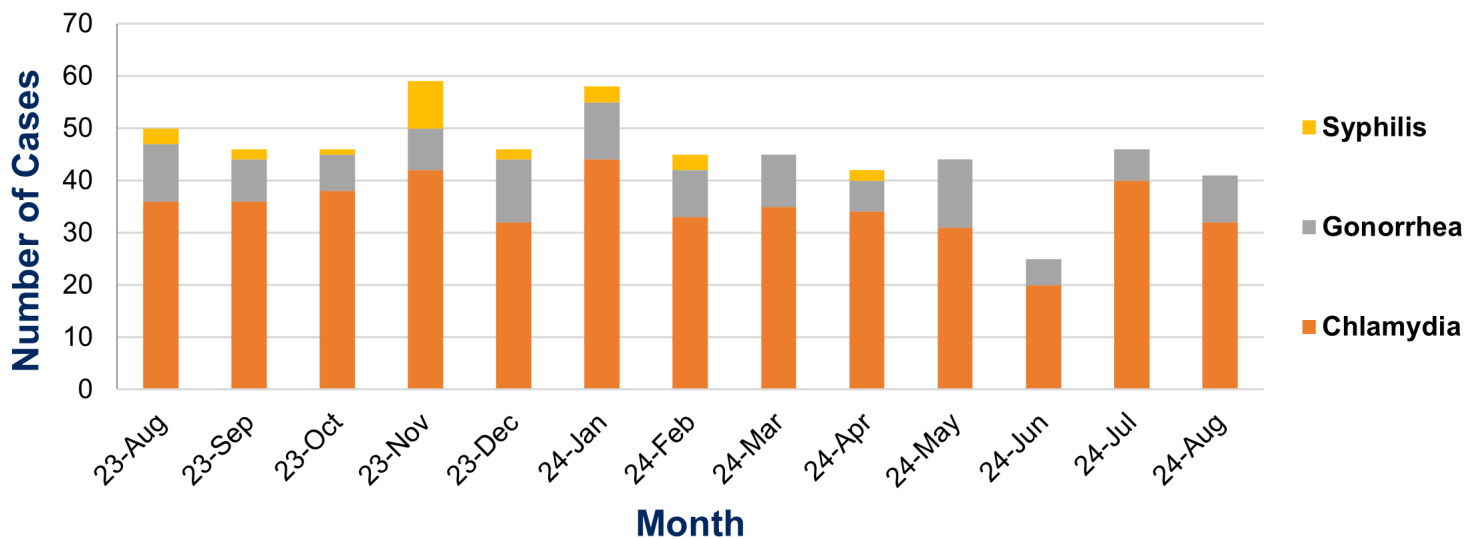
SEXUALLY TRANSMITTED DISEASES

Monthly Communicable Disease Report	August 2024	YTD 2024	August 2023	YTD 2023
Sexually Transmitted Diseases				
Chlamydia	32	269	36	312
Gonorrhea	9	69	11	82
Syphilis	0	8	3	31

Key Findings:

- Chlamydia cases have seen a **significant increase** recently in the summer months, rising from 19 in June 2024 to 40 in July. However, August 2024 numbers report a **decrease** to 32, closely aligning with 36 cases reported during the same period last year.
- Gonorrhea cases reported 9 cases in August 2024, down from 11 in August 2023.
- Syphilis cases remain at 0 for August 2024, a notable improvement compared to the 3 cases reported during the same month last year.
- 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.

Number of Sexually Transmitted Disease Cases by Month in Fairfield County from August 2023-August 2024



***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 09/03/2024

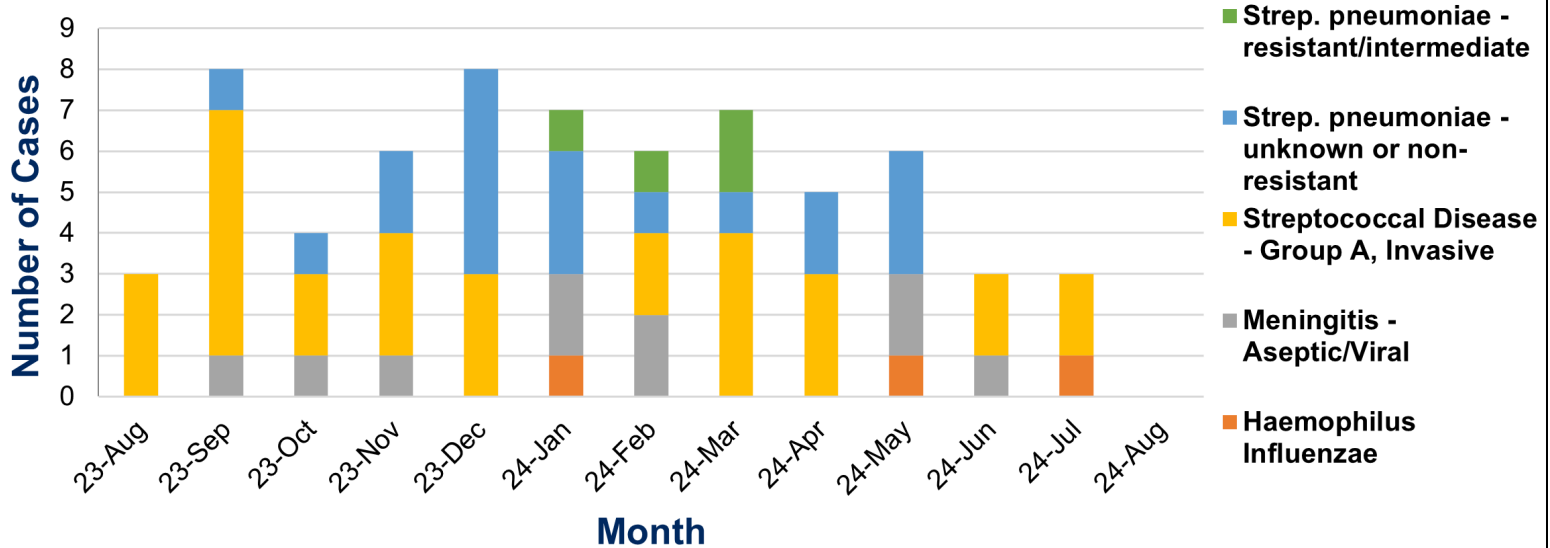
INVASIVE DISEASES

Monthly Communicable Disease Report	August 2024	YTD 2024	August 2023	YTD 2023
Invasive Diseases				
Haemophilus Influenzae	0	3	0	2
Meningitis - Aseptic/Viral	0	7	0	3
Streptococcal Disease - Group A, Invasive	0	13	3	18
Strep. pneumoniae - unknown or non-resistant	0	10	0	8
Strep. pneumoniae - resistant/intermediate	0	4	0	2

Key Findings:

- There were no reported cases of the invasive diseases in Fairfield County for August 2024.
- For Streptococcal Disease (Group A, Invasive), data shows a decrease compared to 3 cases the same time last year.
- Overall YTD data is showing an increase in cases compared to 2023 with the exception of Streptococcal Disease (Group A, Invasive) showing a decrease of 5 cases overall.

Number of Invasive Disease Cases by Month in Fairfield County from August 2023-August 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 09/03/2024

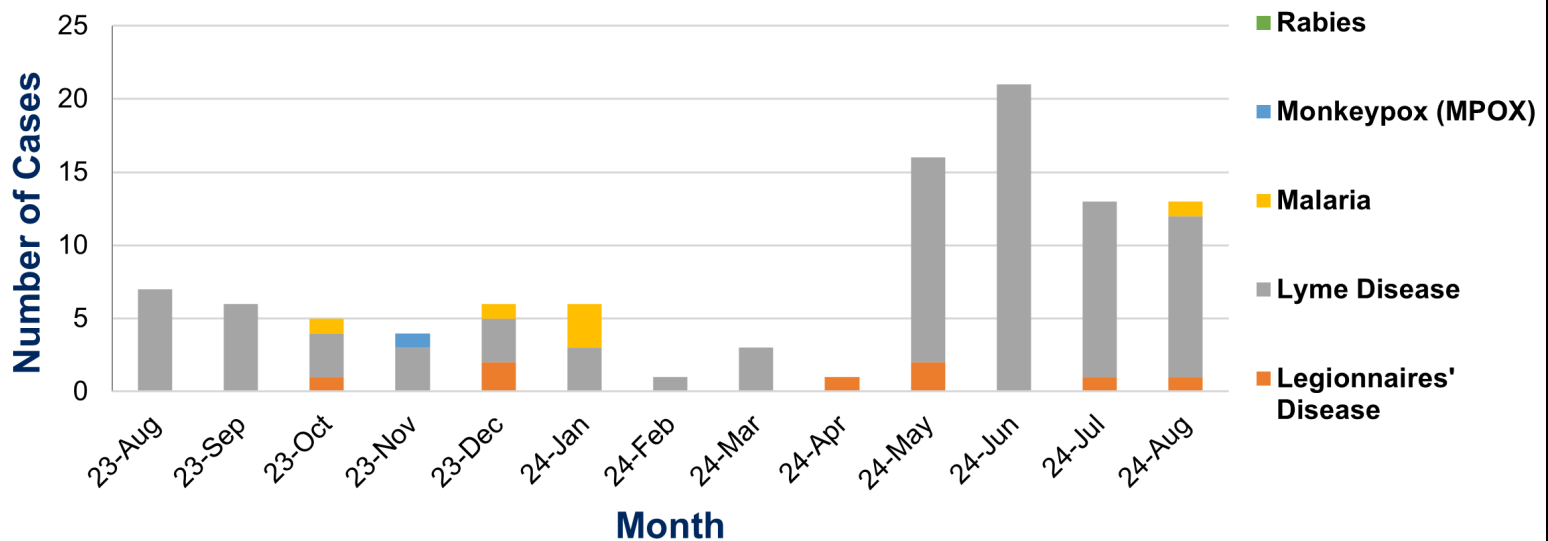
ZOONOTIC & EMERGING DISEASES

Monthly Communicable Disease Report	August 2024	YTD 2024	August 2023	YTD 2023
Zoonotic & Emerging Diseases				
Legionnaires' Disease	1	5	0	3
Lyme Disease	11	65	7	72
Malaria	1	4	0	1
Monkeypox (MPOX)	0	0	0	0
Rabies	0	0	0	0

Key Findings:

- Lyme Disease was showing an increasing trend for June and July of 2024, but have started to decrease with 11 cases reported in August 2024. FCHD is actively identifying hot spots within the county to enhance outreach efforts.
- No cases of Monkeypox, or Rabies were reported in August 2024, consistent with the trends observed in 2023.
- Legionnaires' Disease reported 1 case in August 2024, an increase compared to the same time last year.
- There was 1 case of Malaria, which was obtained internationally. Year-to-date (YTD) data shows an increase with 4 for the year compared to 1 last year at this time.
- There have been no reported cases of Monkeypox or Rabies in either the year-to-date (YTD) data for 2024 or 2023, indicating a stable trend.

Number of Zoonotic & Emerging Disease Cases by Month in Fairfield County from August 2023-August 2024



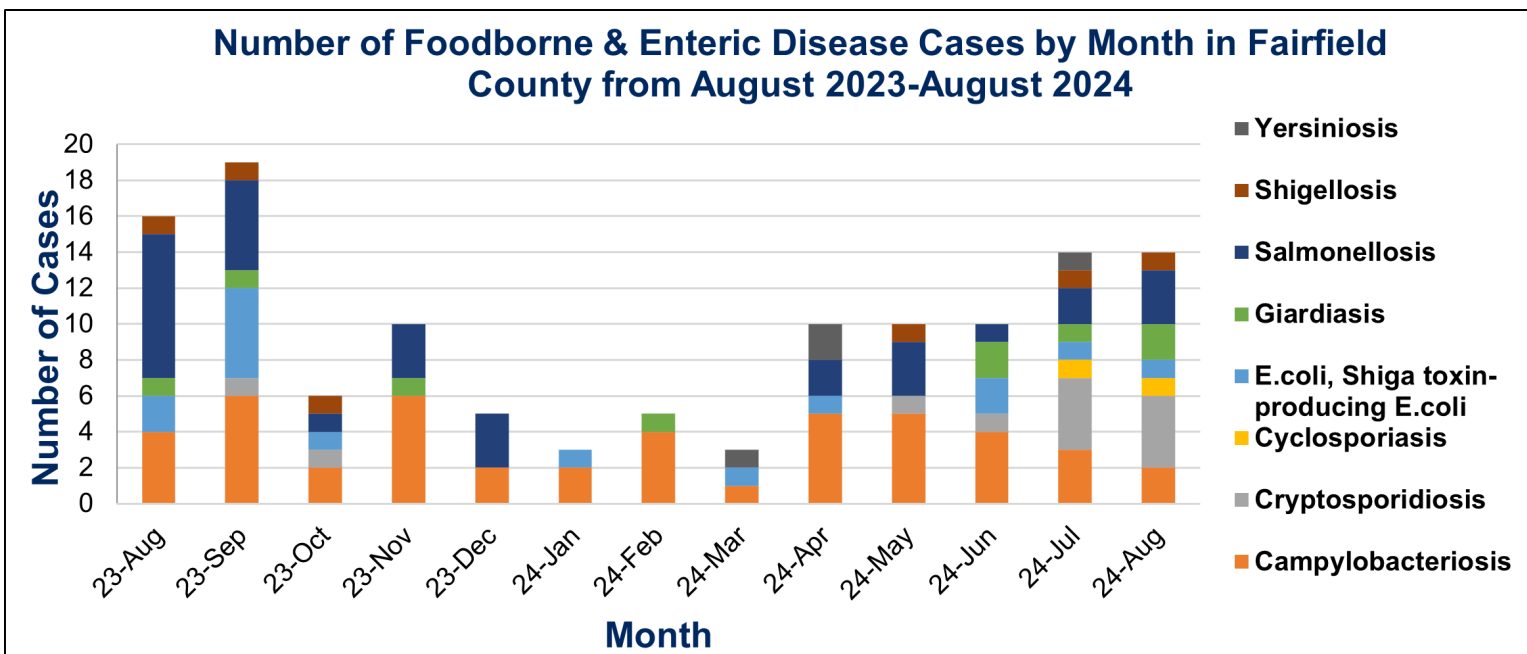
***Note:** The reported data for Legionnaires' Disease, Lyme Disease, Malaria, Monkeypox, and Rabies include confirmed, probable, and suspected cases. Data is subject to change as new and/or updated information is received. Source: Ohio Disease Reporting System Data as of 09/03/2024

FOODBORNE & ENTERIC DISEASES

Monthly Communicable Disease Report	August 2024	YTD 2024	August 2023	YTD 2023
Foodborne & Enteric Diseases				
Campylobacteriosis	2	26	4	17
Cryptosporidiosis	4	10	0	4
Cyclosporiasis	1	2	0	5
E.coli, Shiga toxin-producing E.coli	1	7	2	8
Giardiasis	2	6	1	5
Salmonellosis	3	11	8	24
Shigellosis	1	3	1	1
Yersiniosis	0	4	0	3

Key Findings:

- In August 2024, Campylobacteriosis cases **decreased** by 2 compared to August 2023. Year-to-Date (YTD) data for 2024 indicates a higher number of cases compared to 2023.
- There was 1 reported case each of Cyclosporiasis, E.Coli (Shiga toxin-producing), and Shigellosis in August 2024.
- There were 4 cases of Cryptosporidiosis in August 2024, the same amount as the previous month. There have been no linked cases identified.
- 3 cases of Salmonellosis were reported in August 2024, an **increase** compared to the previous month but down from the 8 cases reported in August 2023. Overall YTD data shows a **significant decrease**, highlighting the effectiveness of FCHD Environmental Health efforts.



***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.

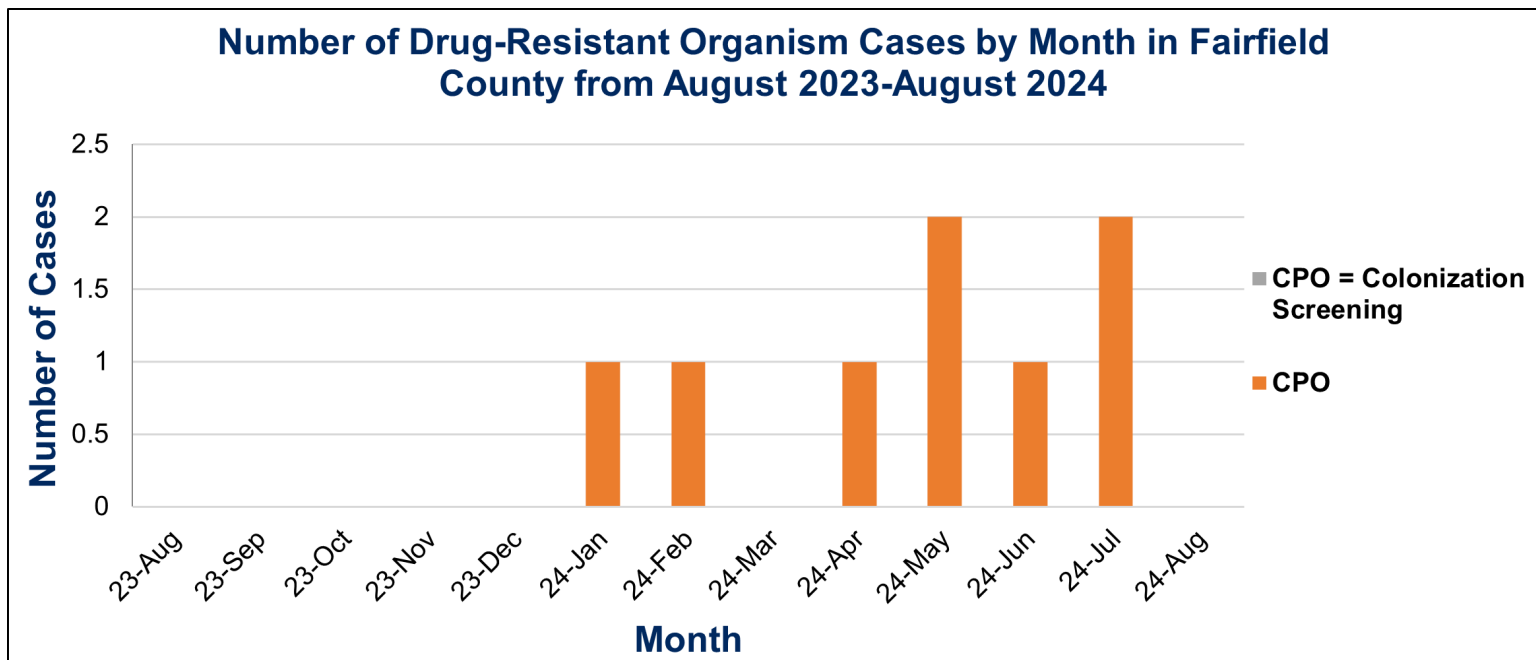
Source: Ohio Disease Reporting System Data as of 09/03/2024

DRUG RESISTANT ORGANISMS

Monthly Communicable Disease Report	August 2024	YTD 2024	August 2023	YTD 2023
Drug-Resistant Organisms				
CPO	0	8	0	11
CPO - Colonization Screening	0	0	0	2

Key Findings:

- In August 2024, there was 0 reported cases for both Carbapenemase-producing Organisms (CPO) and CPO - colonization screening.
- YTD 2024 has 8 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 08/06/2024.

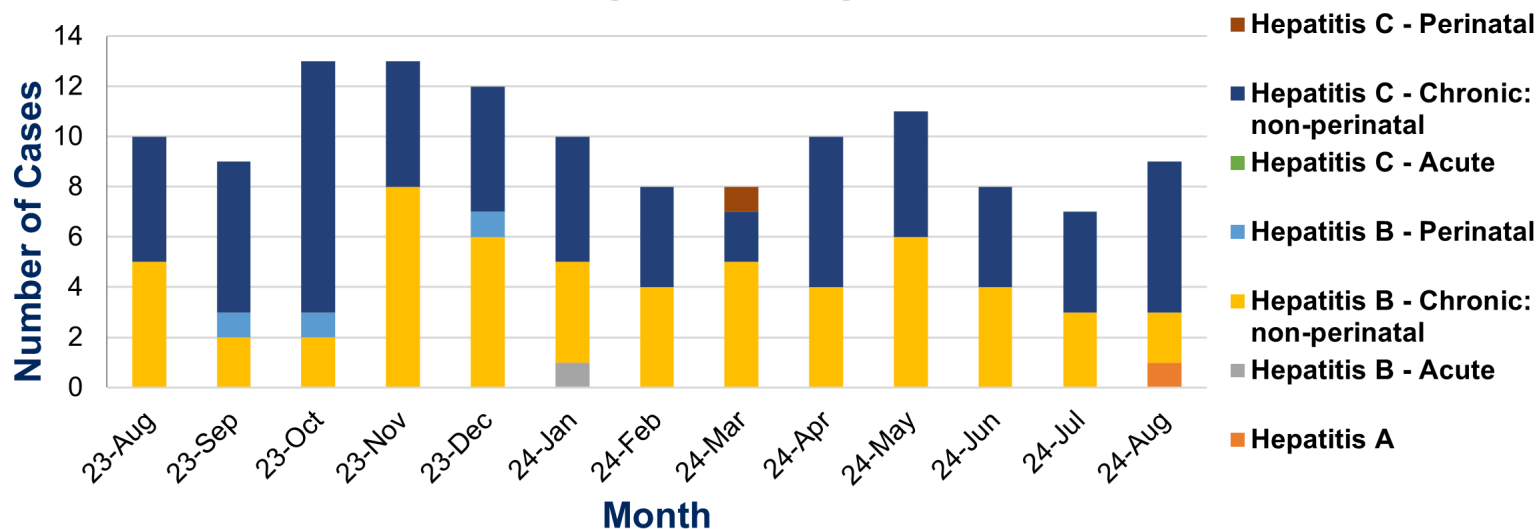
VIRAL HEPATITIS

Monthly Communicable Disease Report	August 2024	YTD 2024	August 2023	YTD 2023
Viral Hepatitis				
Hepatitis A	1	1	0	0
Hepatitis B - Acute	0	1	0	0
Hepatitis B - Chronic: non-perinatal	2	32	5	28
Hepatitis B - Perinatal	0	0	0	4
Hepatitis C - Acute	0	0	0	2
Hepatitis C - Chronic: non-perinatal	6	36	5	68
Hepatitis C - Perinatal	0	1	0	1

Key Findings:

- In August 2024, there were no reported cases of Acute Hepatitis B, Perinatal Hepatitis B, Acute Hepatitis C, or Perinatal Hepatitis C, consistent with the absence of cases for each in August 2023.
- Chronic Hepatitis B (non-perinatal) saw 2 cases in August 2024, marking a **decrease** compared to the previous month, while Chronic Hepatitis C (non-perinatal) increased to 6 cases, up from 4 cases the previous two months.
- Year-to-Date (YTD) data for 2024 shows an **increase** in Chronic Hepatitis B (non-perinatal) cases, with 32 reported cases compared to 28 in YTD 2023.
- Conversely, Chronic Hepatitis C (non-perinatal) has **decreased significantly** overall, with 36 cases reported in YTD 2024, down from 68 cases in YTD 2023.
- There was 1 case of Hepatitis A that is still under investigation for classification status.

Number of Viral Hepatitis Cases by Month in Fairfield County from August 2023-August 2024



***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.

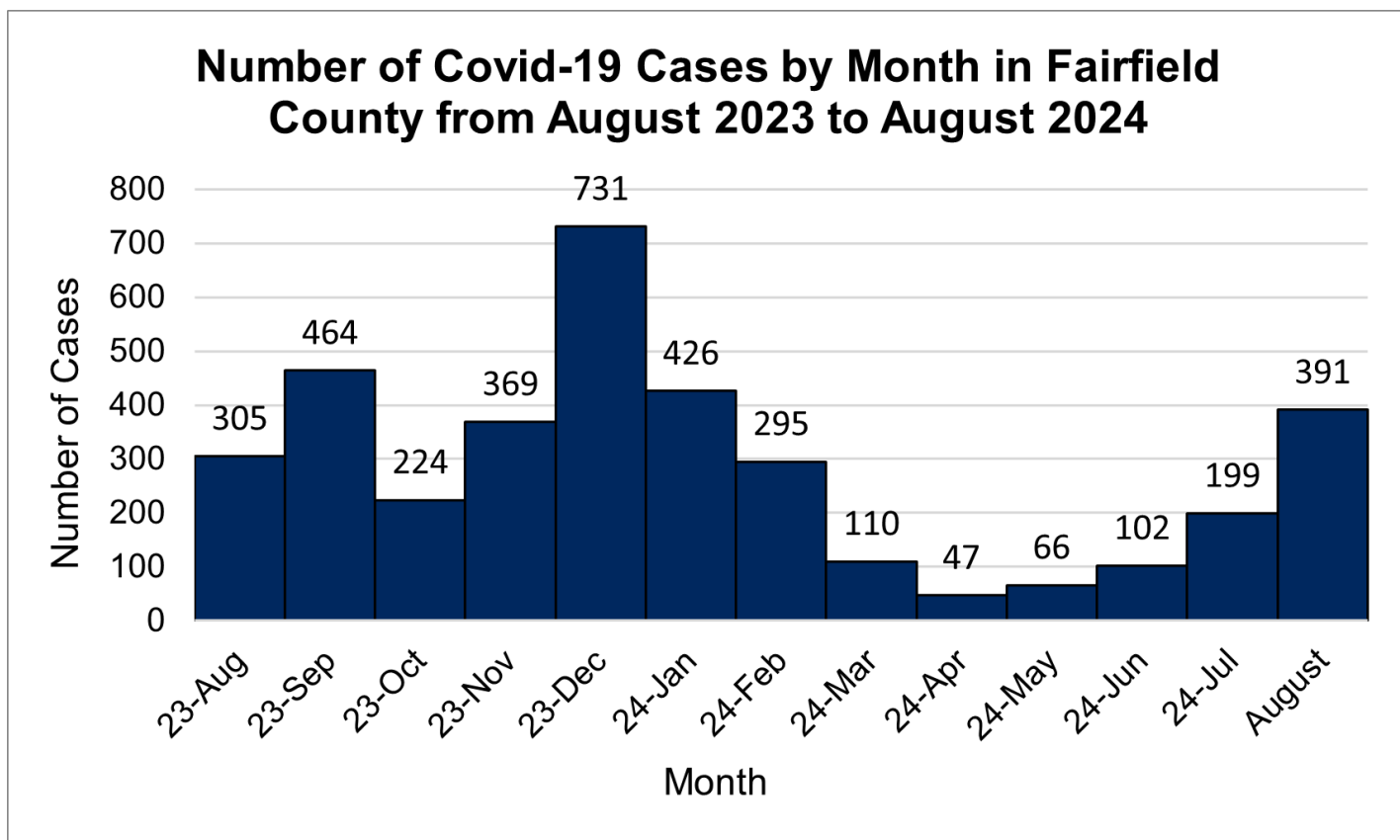
Source: Ohio Disease Reporting System Data as of 09/03/2024

CORONAVIRUS

Disease	August 2024	YTD 2024	August 2023	YTD 2023	Change
Covid-19	391	1636	305	1886	+86

Key Findings:

- In August 2024, there were 391 reported cases of COVID-19, compared to 305 cases in August 2023.
- Year-to-date (YTD) 2024 had 1636 cases, showing a **decrease** from 1886 cases in YTD 2023.
- The change in cases between August 2023 and August 2024 was plus 86, indicating a **increase** in cases over the same period.
- Cases are currently on an upward trend since April 2024.



***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 09/03/2024

Disease	August 23 - August 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

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Vaccine Preventable Diseases				
Influenza-Associated Hospitalization	0	71	0	11
Measles	0	0	0	0
Mumps	0	1	0	4
Pertussis	1	11	0	3
Varicella	0	4	0	5
Sexually Transmitted Diseases				
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Lyme Disease	11	65	7	72
Malaria	1	4	0	1
Monkeypox (MPOX)	0	0	0	0
Rabies	0	0	0	0
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Cyclosporiasis	1	2	0	5
E.coli, Shiga toxin-producing E.coli	1	7	2	8
Giardiasis	2	6	1	5
Salmonellosis	3	11	8	24
Shigellosis	1	3	1	1
Yersiniosis	0	4	0	3
Drug-Resistant Organisms				
CPO	0	8	0	11
CPO - Colonization Screening	0	0	0	2
Viral Hepatitis				
Hepatitis A	1	1	0	0
Hepatitis B - Acute	0	1	0	0
Hepatitis B - Chronic: non-perinatal	2	32	5	28
Hepatitis B - Perinatal	0	0	0	4
Hepatitis C - Acute	0	0	0	2
Hepatitis C - Chronic: non-perinatal	6	36	5	68
Hepatitis C - Perinatal	0	1	0	1
Coronavirus				
Covid-19	391	1636	305	1886
Total	469	2328	391	2626

*Case counts include confirmed, probable, and suspected cases (excluding Covid-19).