

# FAIRFIELD COUNTY COMMUNICABLE DISEASE REPORT

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**JULY 2024**





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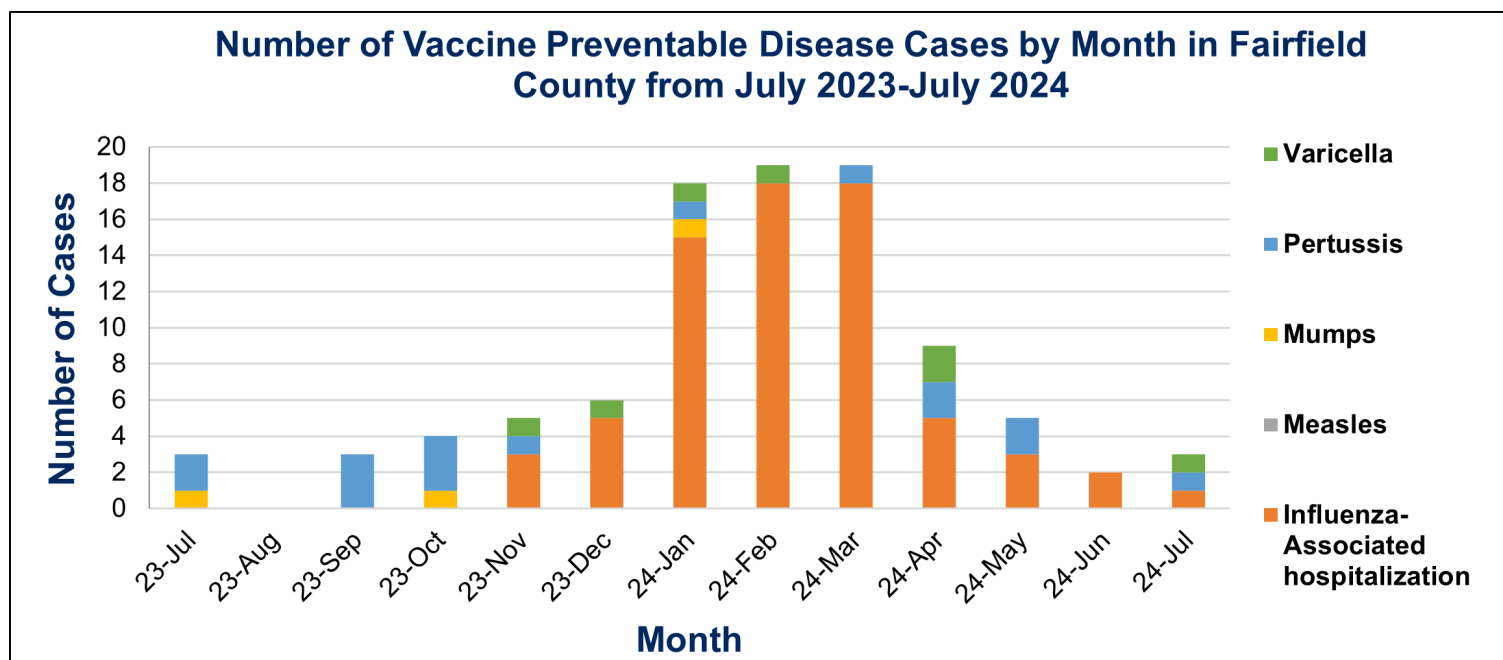
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# VACCINE PREVENTABLE DISEASES

Monthly Communicable Disease Report	July 2024	YTD 2024	July 2023	YTD 2023
<b>Vaccine Preventable Diseases</b>				
Influenza-Associated Hospitalization	1	71	0	11
Measles	0	0	0	0
Mumps	0	1	1	4
Pertussis	1	10	2	3
Varicella	1	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 and Varicella in July 2024. Pertussis is showing an upward trend this year, with 10 cases reported YTD compared to 3 cases by the same time last year. Varicella shows a **slight decrease**, with 4 cases YTD in 2024 compared to 5 cases in 2023.
- No cases of measles or mumps were reported in July 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.

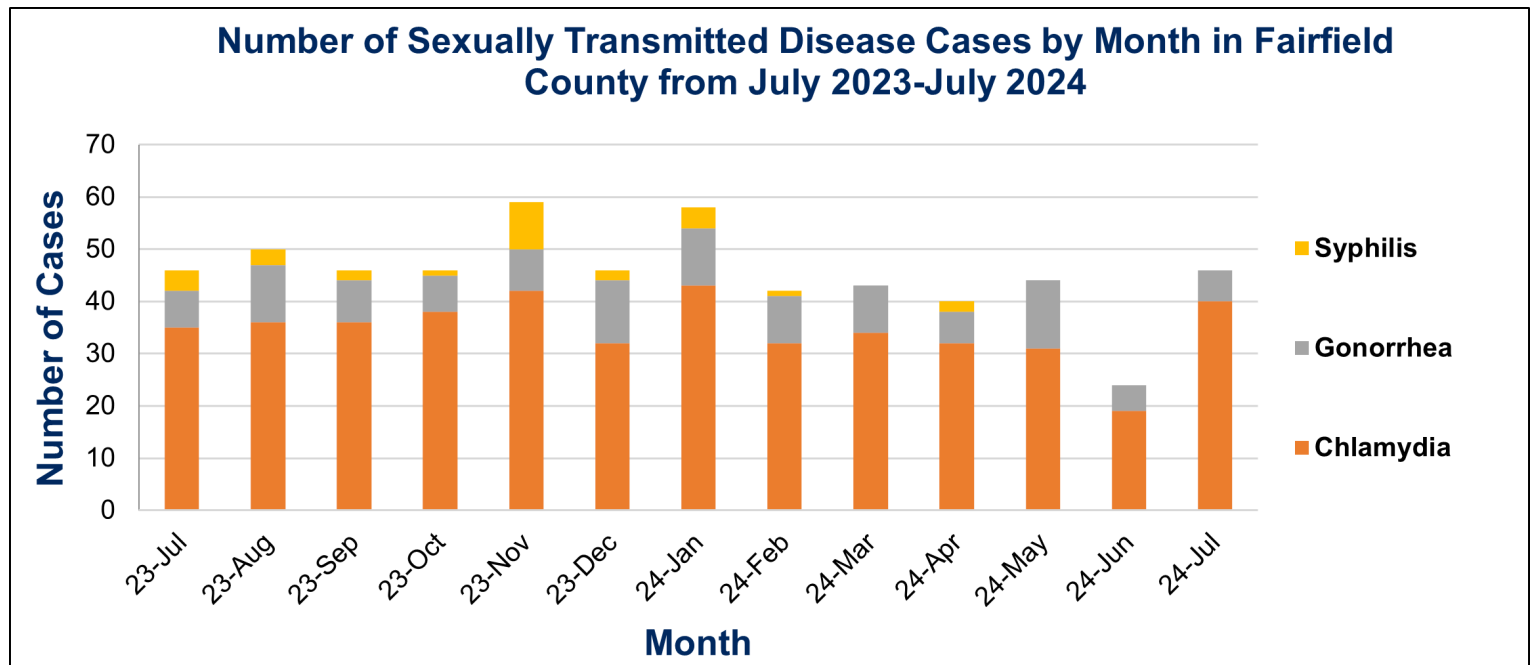
Source: Ohio Disease Reporting System Data as of 08/06/2024.

# SEXUALLY TRANSMITTED DISEASES

Monthly Communicable Disease Report	July 2024	YTD 2024	July 2023	YTD 2023
<b>Sexually Transmitted Diseases</b>				
Chlamydia	40	237	35	276
Gonorrhea	6	60	7	71
Syphilis	0	8	4	28

## Key Findings:

- Chlamydia cases have seen a **significant increase**, rising from 19 in June 2024 to 40 in July. However, this number aligns closely with the 35 cases reported during the same period last year.
- Gonorrhea cases reported 6 cases in July 2024, down from 7 in July 2023.
- Syphilis cases remain at 0 for July 2024, a notable improvement compared to the 4 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.



**\*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.

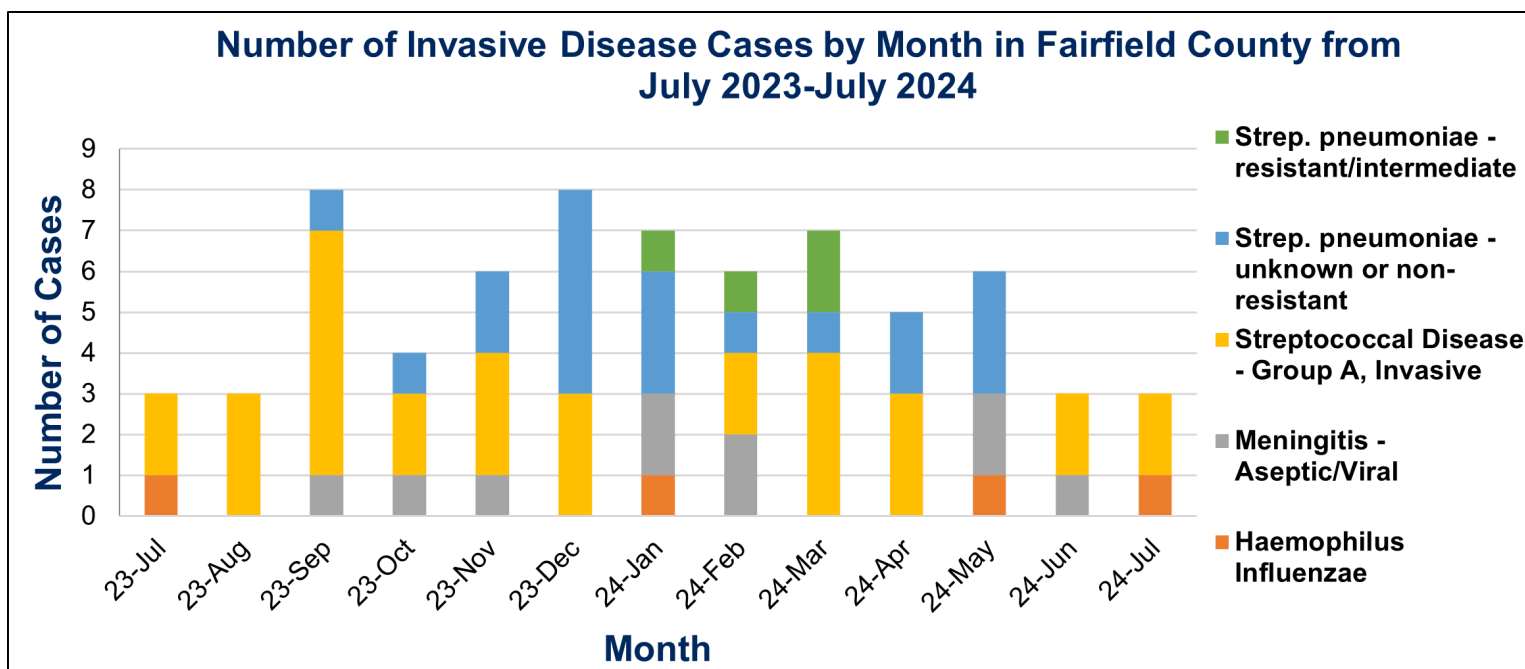
Source: Ohio Disease Reporting System Data as of 08/06/2024.

# INVASIVE DISEASES

Monthly Communicable Disease Report	July 2024	YTD 2024	July 2023	YTD 2023
<b>Invasive Diseases</b>				
Haemophilus Influenzae	1	3	1	2
Meningitis - Aseptic/Viral	0	7	0	3
Streptococcal Disease - Group A, Invasive	2	13	2	15
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 Meningitis (Aseptic/Viral), Streptococcus pneumoniae (unknown or non-resistant), or Streptococcus pneumoniae (resistant/intermediate) in July 2024.
- Haemophilus influenzae recorded 1 case in July 2024, consistent with the same period last year.
- Two cases of Streptococcal Disease (Group A, Invasive) were reported, marking a steady trend with 2 cases in July 2024. However, Year-to-Date (YTD) data shows an overall decrease of 2 cases compared to last year.



**\*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.

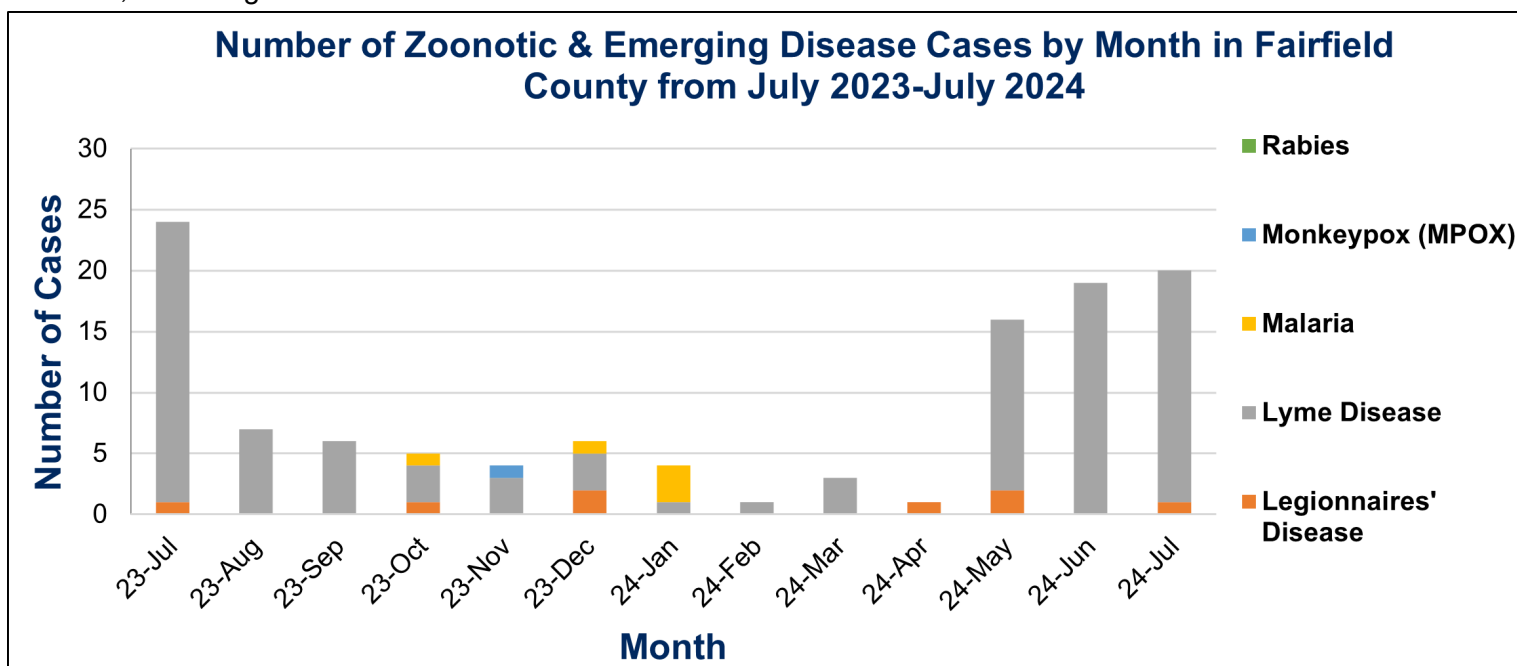
Source: Ohio Disease Reporting System Data as of 08/06/2024.

# ZOONOTIC & EMERGING DISEASES

Monthly Communicable Disease Report	July 2024	YTD 2024	July 2023	YTD 2023
<b>Zoonotic &amp; Emerging Diseases</b>				
Legionnaires' Disease	1	4	1	3
Lyme Disease	19	61	23	65
Malaria	0	3	0	1
Monkeypox (MPOX)	0	0	0	0
Rabies	0	0	0	0

## Key Findings:

- Lyme Disease cases continue to show a significant upward trend this year, with 19 cases reported in July 2024, the same as the previous month. However, this represents a decrease compared to the 23 cases reported in July 2023 and overall YTD case counts. FCHD is actively identifying hot spots within the county to enhance outreach efforts.
- No cases of Malaria, Monkeypox, or Rabies were reported in July 2024, consistent with the trends observed in 2023.
- Legionnaires' Disease reported 1 case in July 2024, matching the 1 case from July 2023.
- 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.



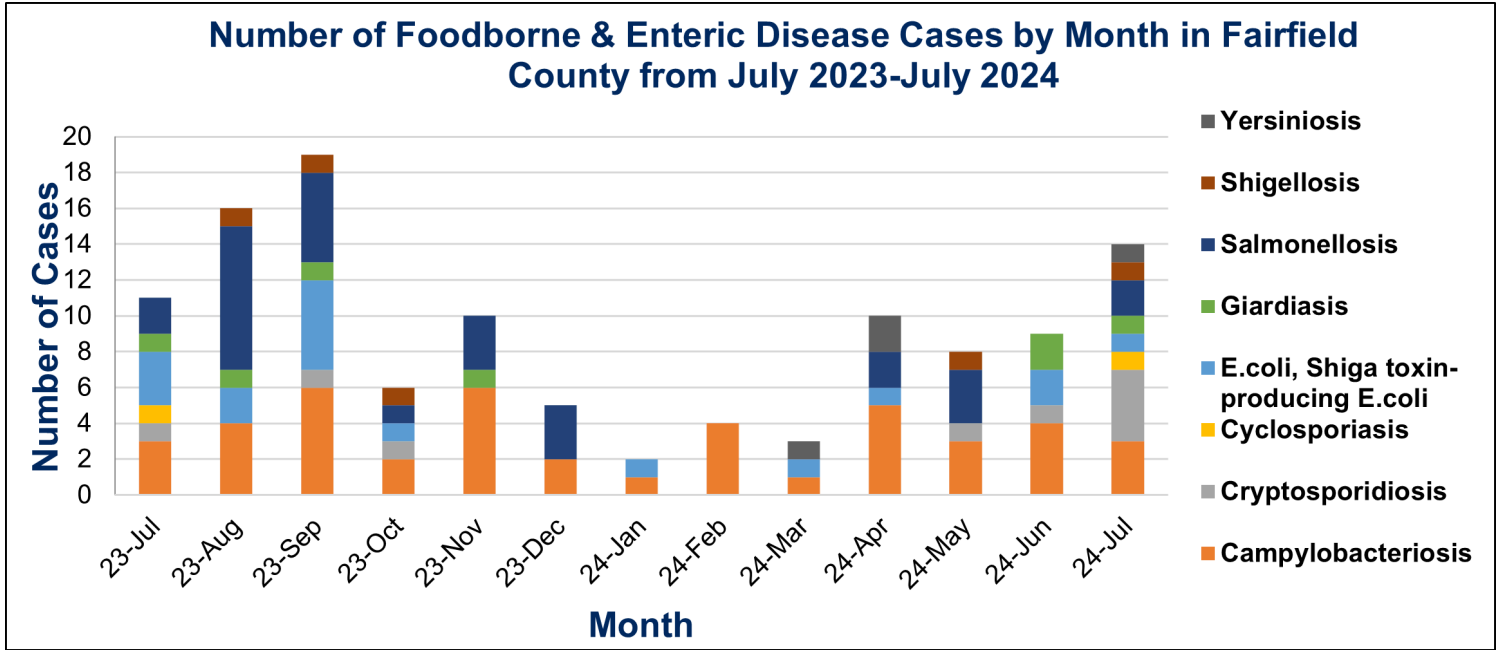
**\*Note:** The reported data for Legionnaires' Disease, Lyme Disease, Malaria, Monkeypox, and Rabies include confirmed, probable, and suspected cases. Data is subject to change as new and/or updated information is received. Source: Ohio Disease Reporting System Data as of 08/06/2024.

# FOODBORNE & ENTERIC DISEASES

Monthly Communicable Disease Report	July 2024	YTD 2024	July 2023	YTD 2023
<b>Foodborne &amp; Enteric Diseases</b>				
Campylobacteriosis	3	24	3	13
Cryptosporidiosis	4	6	1	4
Cyclosporiasis	1	1	1	5
E.coli, Shiga toxin-producing E.coli	1	6	3	6
Giardiasis	1	4	1	4
Salmonellosis	2	8	2	16
Shigellosis	1	2	0	0
Yersiniosis	1	4	0	3

**Key Findings:**

- In July 2024, Campylobacteriosis cases **decreased** by 1 compared to June 2024, remaining consistent with the same period last year. 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), Giardiasis, Shigellosis, and Yersiniosis in July 2024, consistent with the case numbers from the same time last year.
- There were 4 cases of Cryptosporidiosis in July 2024, with two cases linked, indicating an outbreak. FCHD is actively investigating the source and any additional connections.
- Two cases of Salmonellosis were reported in July 2024, an **increase** compared to the previous month but consistent with the 2 cases reported in July 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.

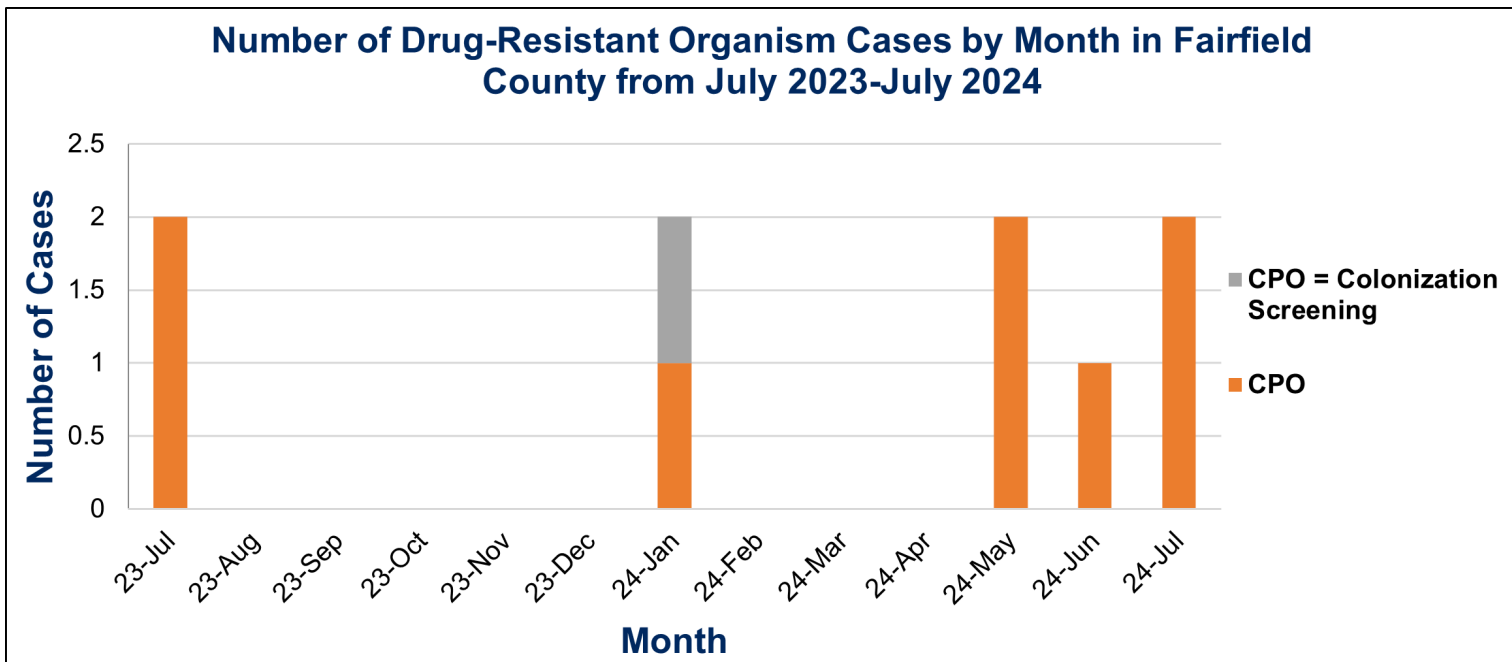
Source: Ohio Disease Reporting System Data as of 08/06/2024.

# DRUG RESISTANT ORGANISMS

Monthly Communicable Disease Report	July 2024	YTD 2024	July 2023	YTD 2023
<b>Drug-Resistant Organisms</b>				
CPO	2	8	2	11
CPO - Colonization Screening	0	0	0	2

## Key Findings:

- In July 2024, there was 2 reported cases of Carbapenemase-producing Organisms (CPO) and 0 for CPO - colonization screening.
- YTD 2024 had 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.

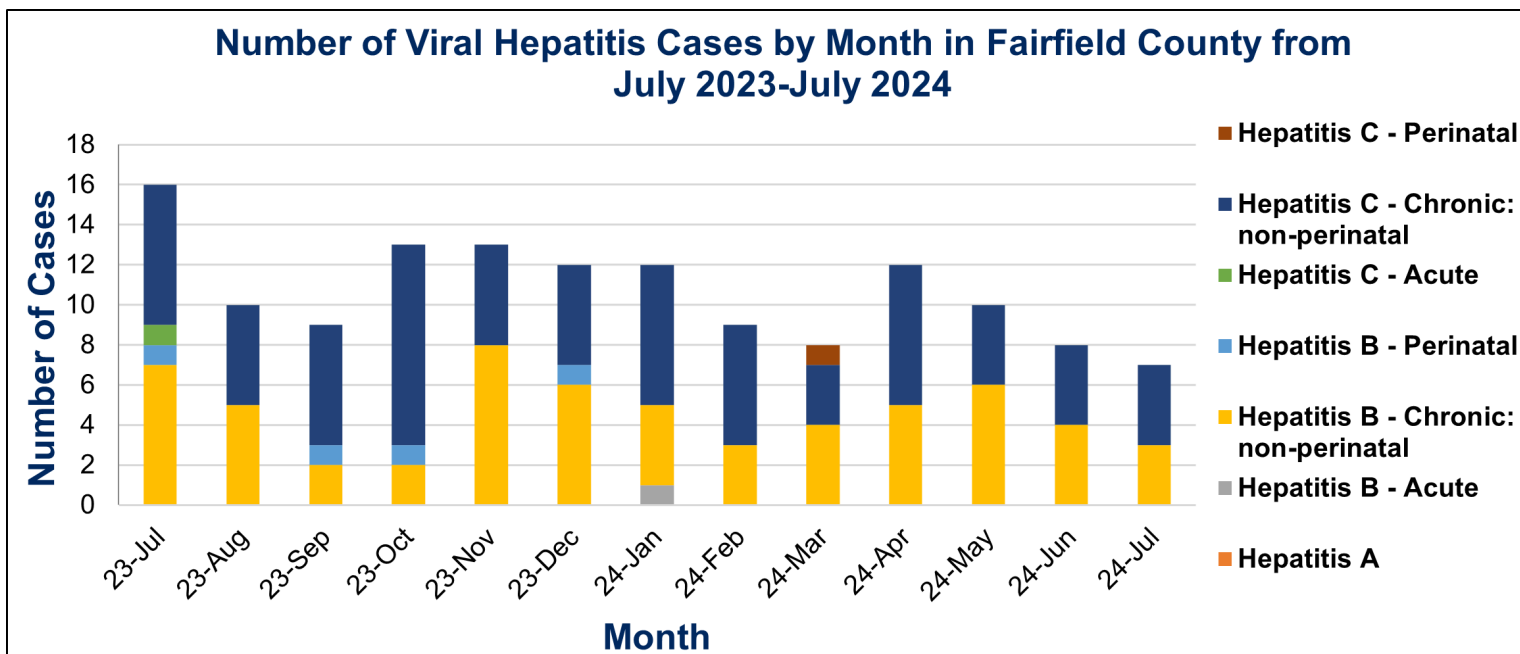


# VIRAL HEPATITIS

Monthly Communicable Disease Report	July 2024	YTD 2024	July 2023	YTD 2023
<b>Viral Hepatitis</b>				
Hepatitis A	0	0	0	0
Hepatitis B - Acute	0	1	0	0
Hepatitis B - Chronic: non-perinatal	3	30	7	23
Hepatitis B - Perinatal	0	0	1	4
Hepatitis C - Acute	0	0	1	2
Hepatitis C - Chronic: non-perinatal	4	30	7	63
Hepatitis C - Perinatal	0	1	0	1

## Key Findings:

- In July 2024, there were no reported cases of Hepatitis A, Acute Hepatitis B, Perinatal Hepatitis B, Acute Hepatitis C, or Perinatal Hepatitis C, consistent with the absence of cases for each in July 2023.
- Chronic Hepatitis B (non-perinatal) saw 3 cases in July 2024, marking a **decrease** compared to the previous month, while Chronic Hepatitis C (non-perinatal) remained steady with 4 cases, the same as last month.
- Year-to-Date (YTD) data for 2024 shows an **increase** in Chronic Hepatitis B (non-perinatal) cases, with 30 reported cases compared to 23 in YTD 2023.
- Conversely, Chronic Hepatitis C (non-perinatal) has **decreased significantly** overall, with 30 cases reported in YTD 2024, down from 63 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.

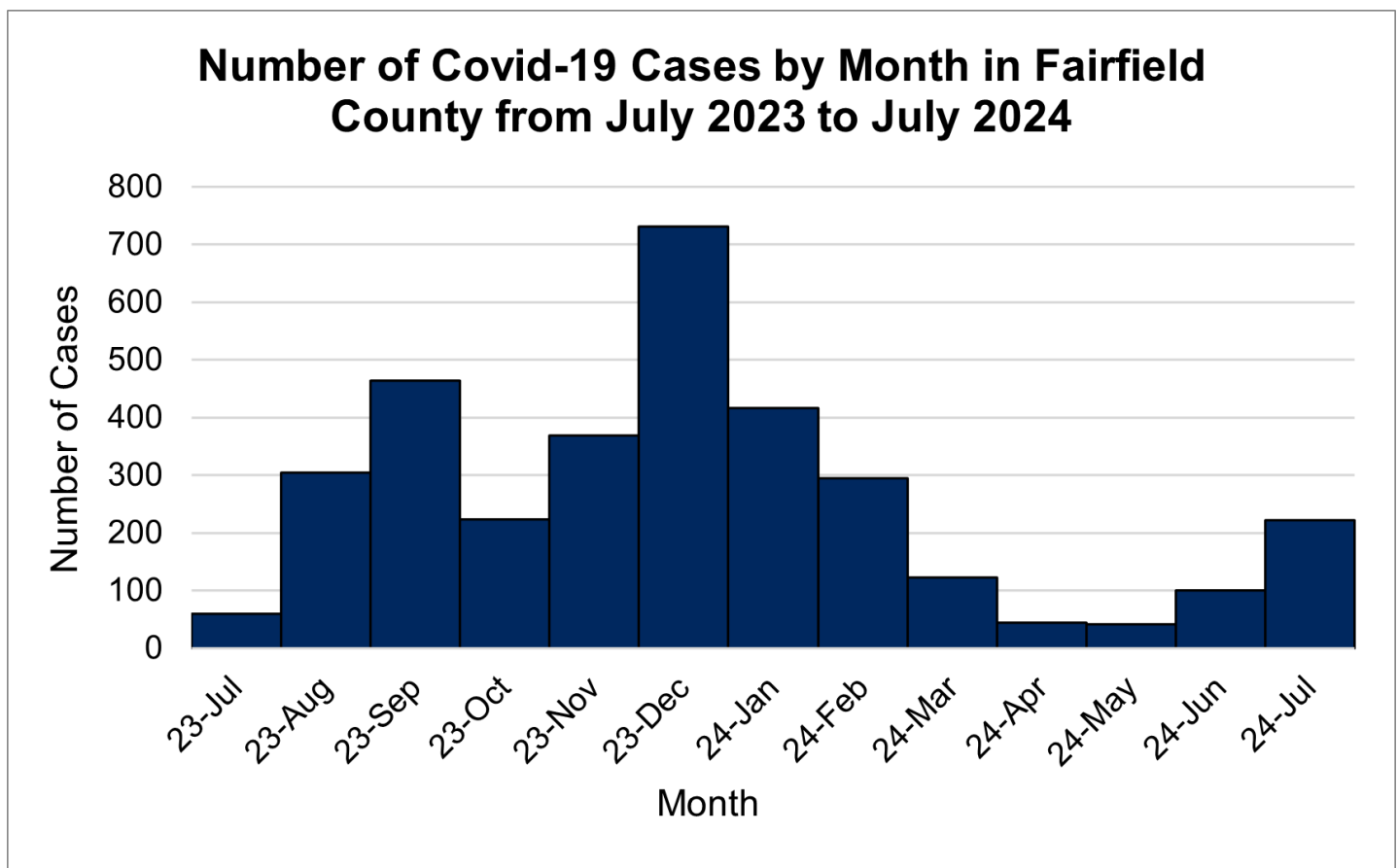
Source: Ohio Disease Reporting System Data as of 08/06/2024.

# CORONAVIRUS

Disease	July 2024	YTD 2024	July 2023	YTD 2023	Change
Covid-19	222	1244	60	1581	+162

## Key Findings:

- In July 2024, there were 222 reported cases of COVID-19, compared to 60 cases in July 2023.
- Year-to-date (YTD) 2024 had 1244 cases, showing a **decrease** from 1581 cases in YTD 2023.
- The change in cases between July 2023 and July 2024 was plus 162, indicating a **increase** in cases over the same period.
- Cases are currently on an upward trend since June of 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 08/06/2024.

Disease	July 23 - July 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	July 2024	YTD 2024	July 2023	YTD 2023
<b>Vaccine Preventable Diseases</b>				
Influenza-Associated Hospitalization	1	71	0	11
Measles	0	0	0	0
Mumps	0	1	1	4
Pertussis	1	10	2	3
Varicella	1	4	0	5
<b>Sexually Transmitted Diseases</b>				
Chlamydia	40	237	35	276
Gonorrhea	6	60	7	71
Syphilis	0	8	4	28
<b>Invasive Diseases</b>				
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<b>Zoonotic &amp; Emerging Diseases</b>				
Legionnaires' Disease	1	4	1	3
Lyme Disease	19	61	23	65
Malaria	0	3	0	1
Monkeypox (MPOX)	0	0	0	0
Rabies	0	0	0	0
<b>Foodborne &amp; Enteric Diseases</b>				
Campylobacteriosis	3	24	3	13
Cryptosporidiosis	4	6	1	4
Cyclosporiasis	1	1	1	5
E.coli, Shiga toxin-producing E.coli	1	6	3	6
Giardiasis	1	4	1	4
Salmonellosis	2	8	2	16
Shigellosis	1	2	0	0
Yersiniosis	1	4	0	3
<b>Drug-Resistant Organisms</b>				
CPO	2	8	2	11
CPO - Colonization Screening	0	0	0	2
<b>Viral Hepatitis</b>				
Hepatitis A	0	0	0	0
Hepatitis B - Acute	0	1	0	0
Hepatitis B - Chronic: non-perinatal	3	30	7	23
Hepatitis B - Perinatal	0	0	1	4
Hepatitis C - Acute	0	0	1	2
Hepatitis C - Chronic: non-perinatal	4	30	7	63
Hepatitis C - Perinatal	0	1	0	1
<b>Coronavirus</b>				
Covid-19	222	1244	60	1581
<b>Total</b>	<b>317</b>	<b>1865</b>	<b>165</b>	<b>2235</b>

\*Case counts include confirmed, probable, and suspected cases (excluding Covid-19). Not pictured: 1 Brucellosis, 1 TB