

FAIRFIELD COUNTY COMMUNICABLE DISEASE REPORT

OCTOBER 2024



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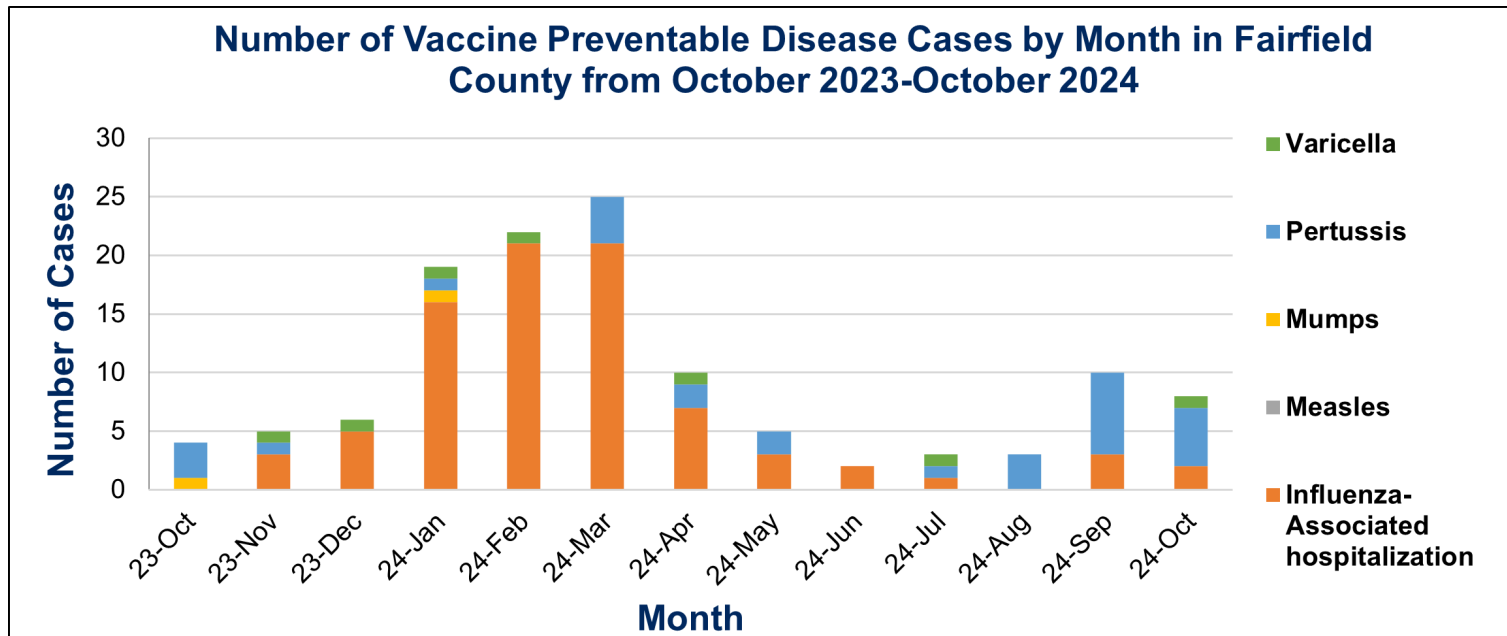
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VACCINE PREVENTABLE DISEASES

Monthly Communicable Disease Report	October 2024	YTD 2024	October 2023	YTD 2023
Vaccine Preventable Diseases				
Influenza-Associated Hospitalization	2	76	0	11
Measles	0	0	0	0
Mumps	0	1	1	5
Pertussis	5	25	3	9
Varicella	1	5	0	5

Key Findings:

- Influenza-associated hospitalizations has 2 reported cases for October 2024. Year-to-Date (YTD) data for 2024 reveals a significant 690% **increase**, with 76 cases compared to 11 during the same period in 2023.
- There was 5 reported cases of Pertussis in October 2024. Pertussis is still showing an upward trend this year, with 25 cases reported YTD compared to 9 cases by the same time last year. The outbreak identified in September is still ongoing with the investigation monitored by Franklin County Public Health.
- One case of varicella was reported with the YTD matching the same time last year (5).
- No cases of measles, or mumps reported in October 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.

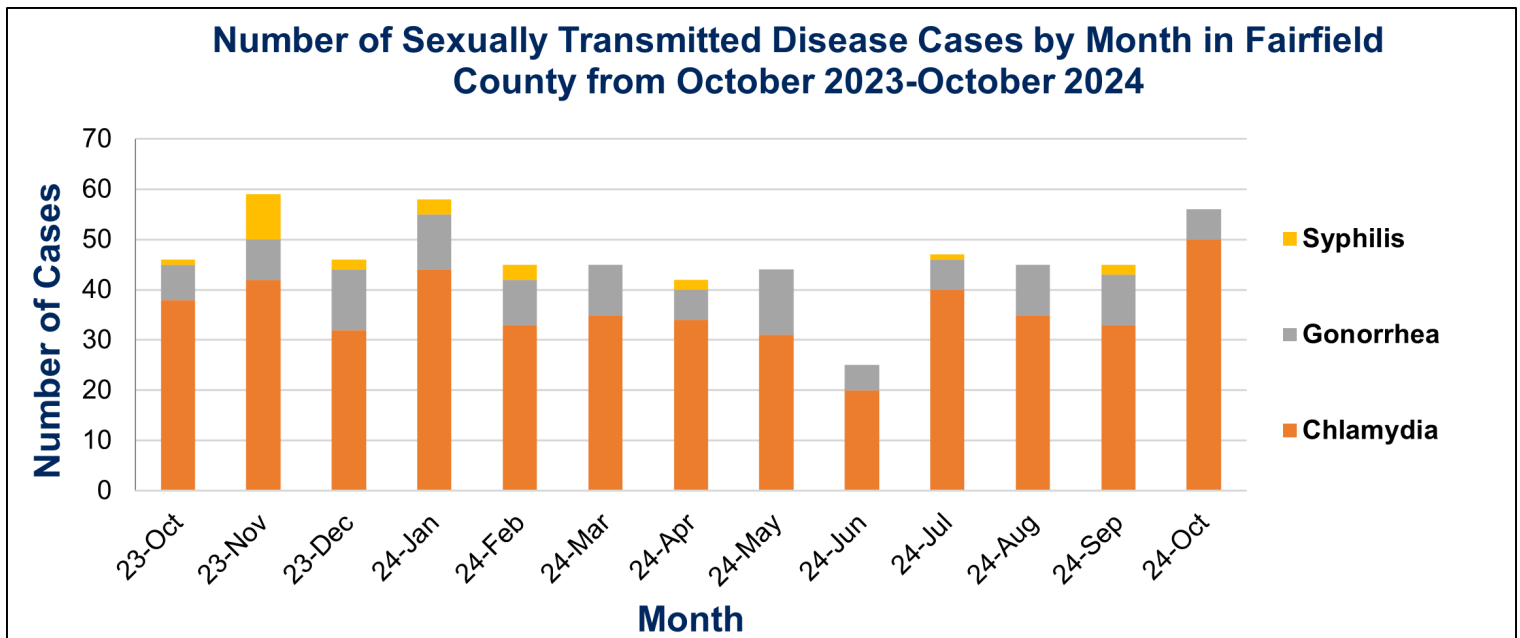
Source: Ohio Disease Reporting System Data as of 11/05/2024

SEXUALLY TRANSMITTED DISEASES

Monthly Communicable Disease Report	October 2024	YTD 2024	October 2023	YTD 2023
Sexually Transmitted Diseases				
Chlamydia	50	355	38	386
Gonorrhea	6	86	7	97
Syphilis	0	10	1	34

Key Findings:

- On a recent decrease, Chlamydia cases have seen a **significant increase** for the month of October, rising from 32 cases in September 2024 to now 50.
- Cases for Gonorrhea were at 6 in October 2024, down by 1 in October 2023.
- Syphilis cases **decreased** back down to 0 compared to 1 in September 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.

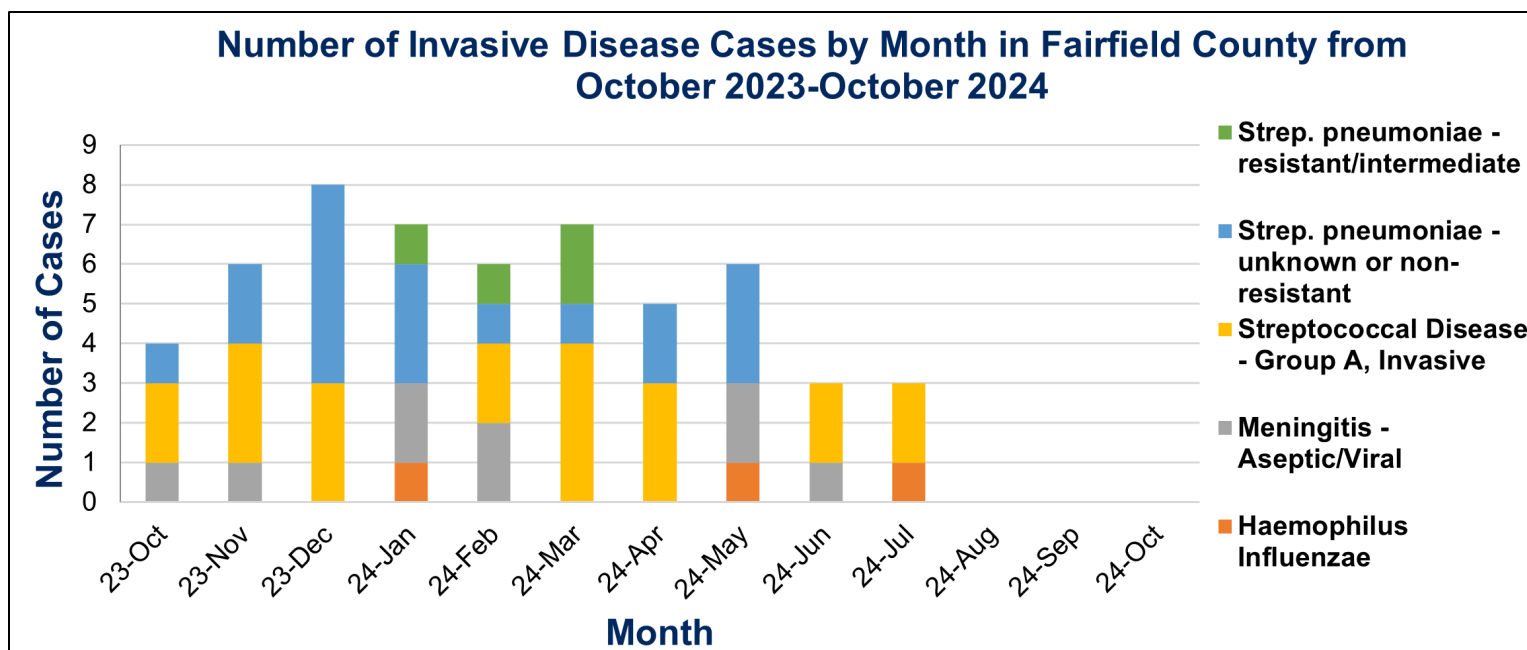
Source: Ohio Disease Reporting System Data as of 11/05/2024

INVASIVE DISEASES

Monthly Communicable Disease Report	October 2024	YTD 2024	October 2023	YTD 2023
Invasive Diseases				
Haemophilus Influenzae	0	3	0	2
Meningitis - Aseptic/Viral	0	7	1	5
Streptococcal Disease - Group A, Invasive	0	13	2	26
Strep. pneumoniae - unknown or non-resistant	0	10	1	10
Strep. pneumoniae - resistant/intermediate	0	4	0	2

Key Findings:

- There were no reported cases of the invasive diseases in Fairfield County for October 2024, consistent with the previous month.
- 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 15 cases overall.



***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.

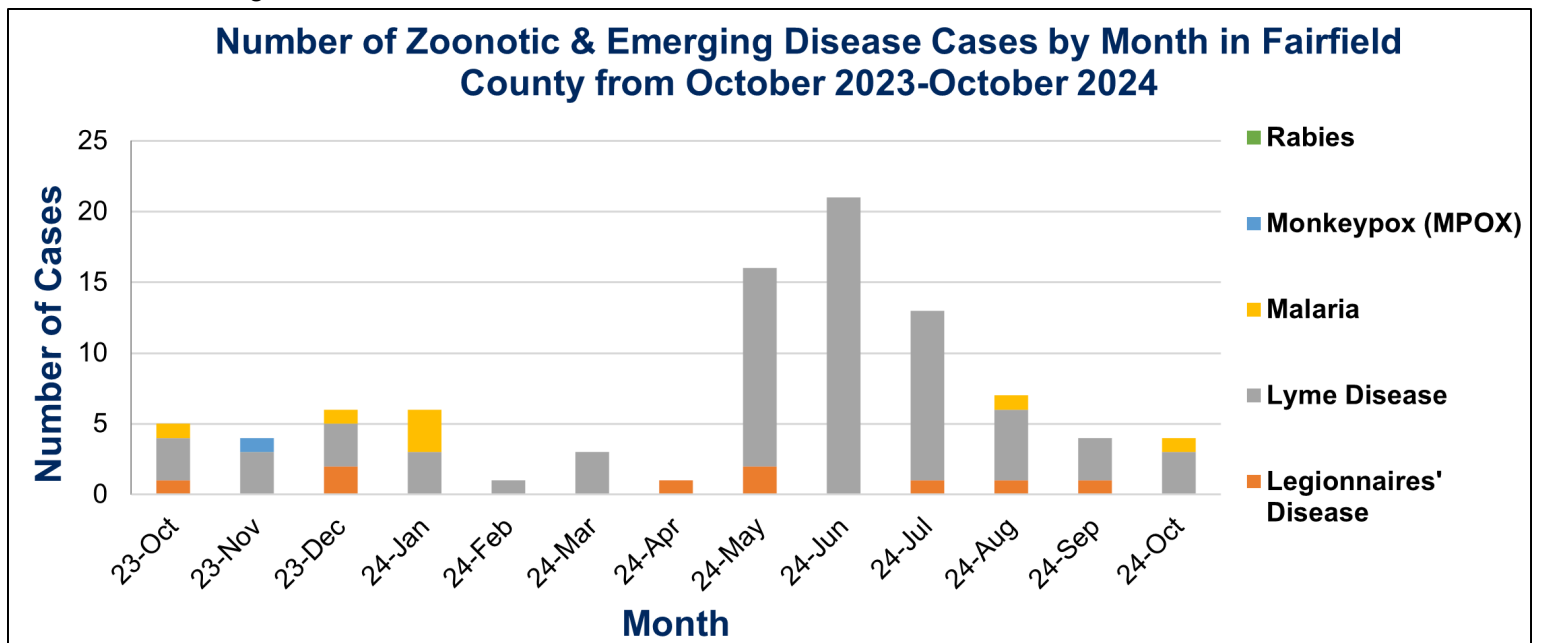
Source: Ohio Disease Reporting System Data as of 11/05/2024

ZOONOTIC & EMERGING DISEASES

Monthly Communicable Disease Report	October 2024	YTD 2024	October 2023	YTD 2023
Zoonotic & Emerging Diseases				
Legionnaires' Disease	0	6	1	4
Lyme Disease	3	65	3	81
Malaria	1	5	1	2
Monkeypox (MPOX)	0	0	0	0
Rabies	0	0	0	0

Key Findings:

- Lyme Disease have reported 3 cases for the month of October. YTD shows a decrease by 16 compared to the same time last year.
- There was 1 case of Malaria reported for October 2024, now putting the YTD at 5 cases compared to 2 in October 2023.
- No cases of Legionnaires, Monkeypox, or Rabies were reported in October 2024.
- 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.



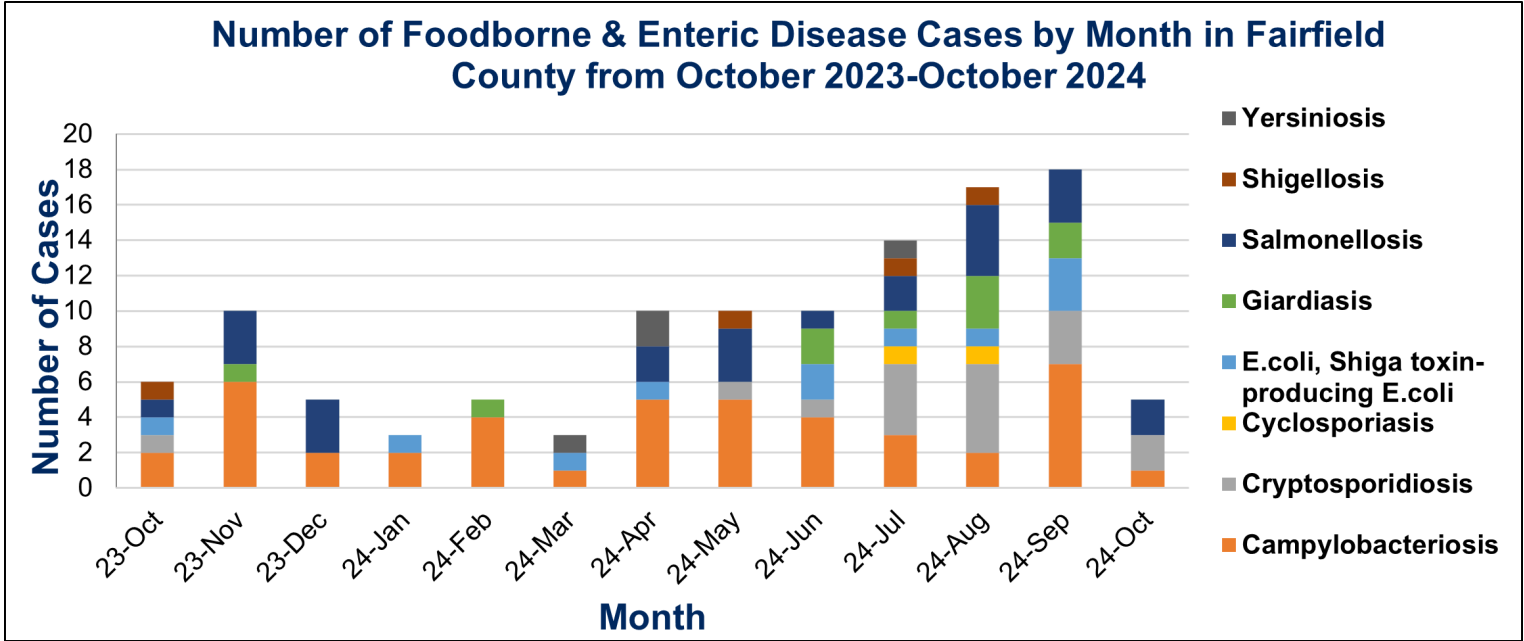
***Note:** The reported data for Legionnaires' Disease, Lyme Disease, Malaria, Monkeypox, and Rabies include confirmed, probable, and suspected cases. Data is subject to change as new and/or updated information is received. Source: Ohio Disease Reporting System Data as of 11/05/2024

FOODBORNE & ENTERIC DISEASES

Monthly Communicable Disease Report	October 2024	YTD 2024	October 2023	YTD 2023
Foodborne & Enteric Diseases				
Campylobacteriosis	1	34	2	25
Cryptosporidiosis	2	16	1	6
Cyclosporiasis	0	2	0	5
E.coli, Shiga toxin-producing E.coli	0	10	1	14
Giardiasis	0	9	0	6
Salmonellosis	2	17	1	30
Shigellosis	0	3	1	3
Yersiniosis	0	4	0	3

Key Findings:

- In October 2024, Campylobacteriosis cases **decreased** by 1 compared to the same month last year. Year-to-Date (YTD) data for 2024 indicates a higher number of cases compared to 2023.
- There were 2 cases of Cryptosporidiosis in October 2024.
- 2 cases of Salmonellosis were reported in October 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 October 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.

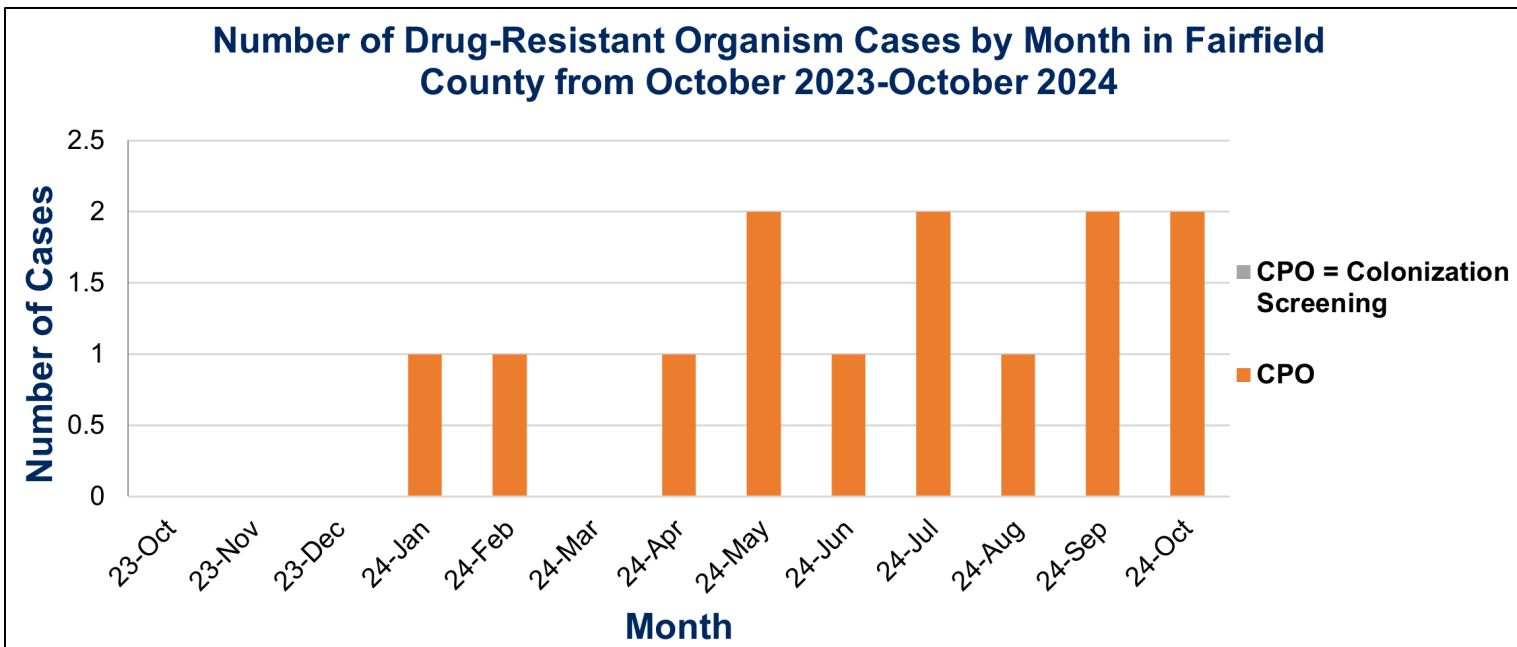
Source: Ohio Disease Reporting System Data as of 11/05/2024

DRUG RESISTANT ORGANISMS

Monthly Communicable Disease Report	October 2024	YTD 2024	October 2023	YTD 2023
Drug-Resistant Organisms				
CPO	2	13	0	11
CPO - Colonization Screening	0	0	0	2

Key Findings:

- In October 2024, there was 2 reported cases for Carbapenemase-producing Organisms (CPO) and 0 cases reported for CPO - colonization screening.
- YTD 2024 has 13 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.

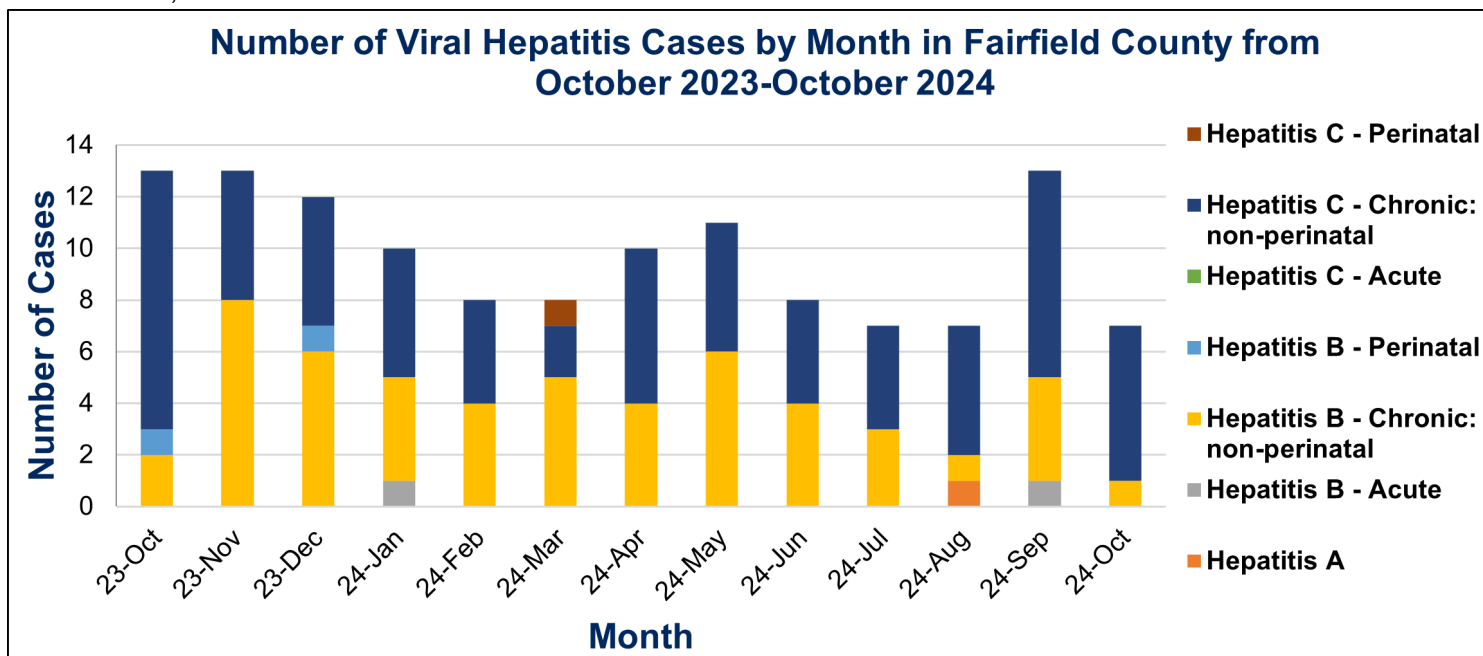
Source: Ohio Disease Reporting System Data as of 11/05/2024

VIRAL HEPATITIS

Monthly Communicable Disease Report	October 2024	YTD 2024	October 2023	YTD 2023
Viral Hepatitis				
Hepatitis A	0	1	0	0
Hepatitis B - Acute	0	2	0	0
Hepatitis B - Chronic: non-perinatal	1	36	2	32
Hepatitis B - Perinatal	0	0	1	6
Hepatitis C - Acute	0	0	0	2
Hepatitis C - Chronic: non-perinatal	6	49	10	84
Hepatitis C - Perinatal	0	1	0	1

Key Findings:

- In October 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 October 2023 with the exception of Perinatal Hepatitis B.
- Chronic Hepatitis B (non-perinatal) saw 1 cases in October 2024, marking a **decrease** compared to the previous month, while Chronic Hepatitis C (non-perinatal) **decreased** to 6 cases.
- Year-to-Date (YTD) data for 2024 shows an **increase** in Chronic Hepatitis B (non-perinatal) cases, with 36 reported cases compared to 32 in YTD 2023.
- Conversely, Chronic Hepatitis C (non-perinatal) has **decreased significantly** overall, with 49 cases reported in YTD 2024, down from 84 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.

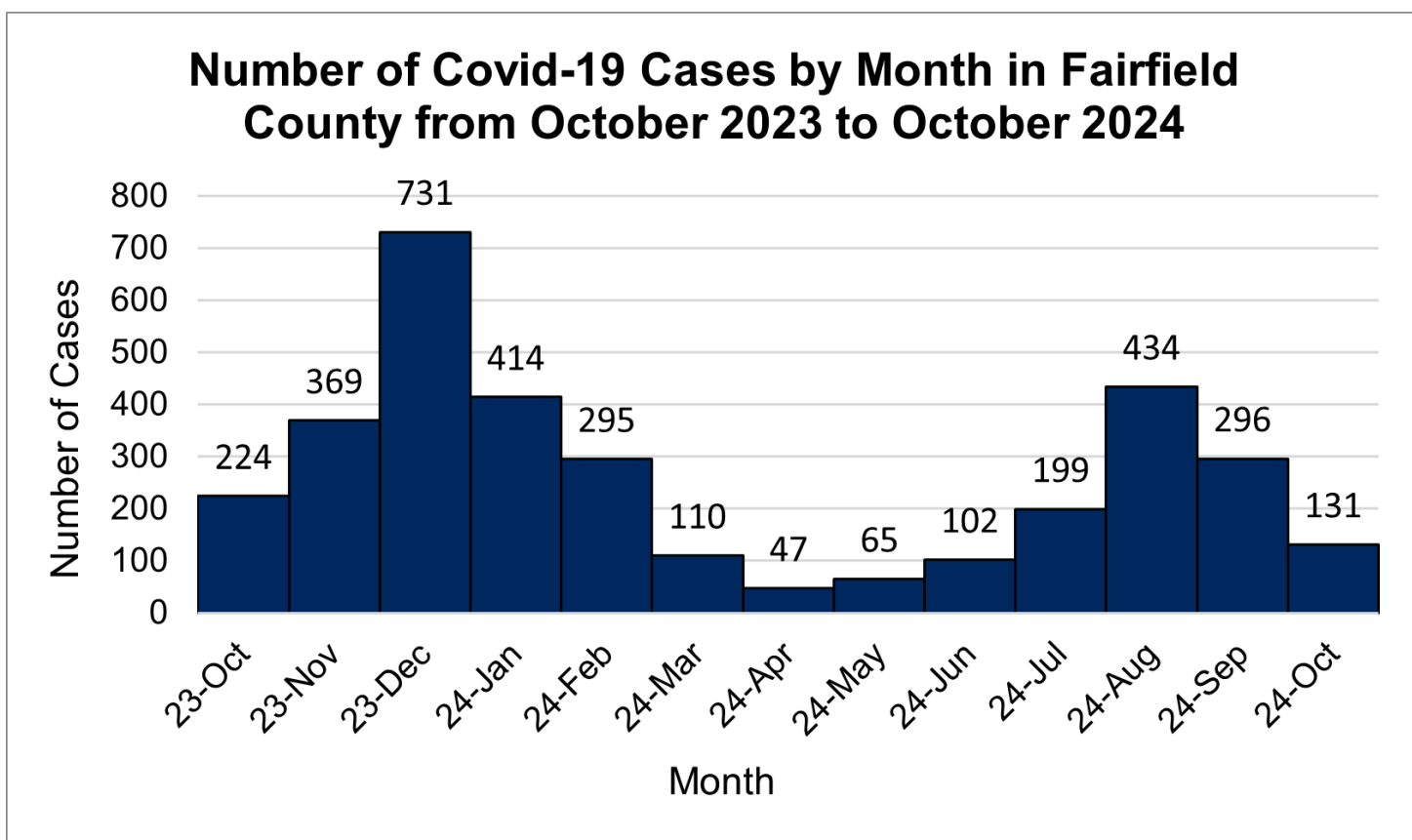
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CORONAVIRUS

Disease	October 2024	YTD 2024	October 2023	YTD 2023	Change
Covid-19	131	2093	464	2574	-33

Key Findings:

- In October 2024, there were 131 reported cases of COVID-19, compared to 464 cases in October 2023.
- Year-to-date (YTD) 2024 had 2093 cases, showing a **decrease** from 2574 cases in YTD 2023.
- The change in cases between October 2023 and October 2024 was minus 33, indicating a **decrease** in cases over the same period.
- Cases were on an upward trend from April 2024 to August 2024 and have since been on a decreasing trend.



***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 11/05/2024

Disease	October 23 - October 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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Hepatitis C - Chronic: non-perinatal	6	49	10	84
Hepatitis C - Perinatal	0	1	0	1
Coronavirus				
Covid-19	131	2093	464	2574
Total	213	2961	542	3483

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