

FAIRFIELD COUNTY COMMUNICABLE DISEASE REPORT

SEPTEMBER 2024



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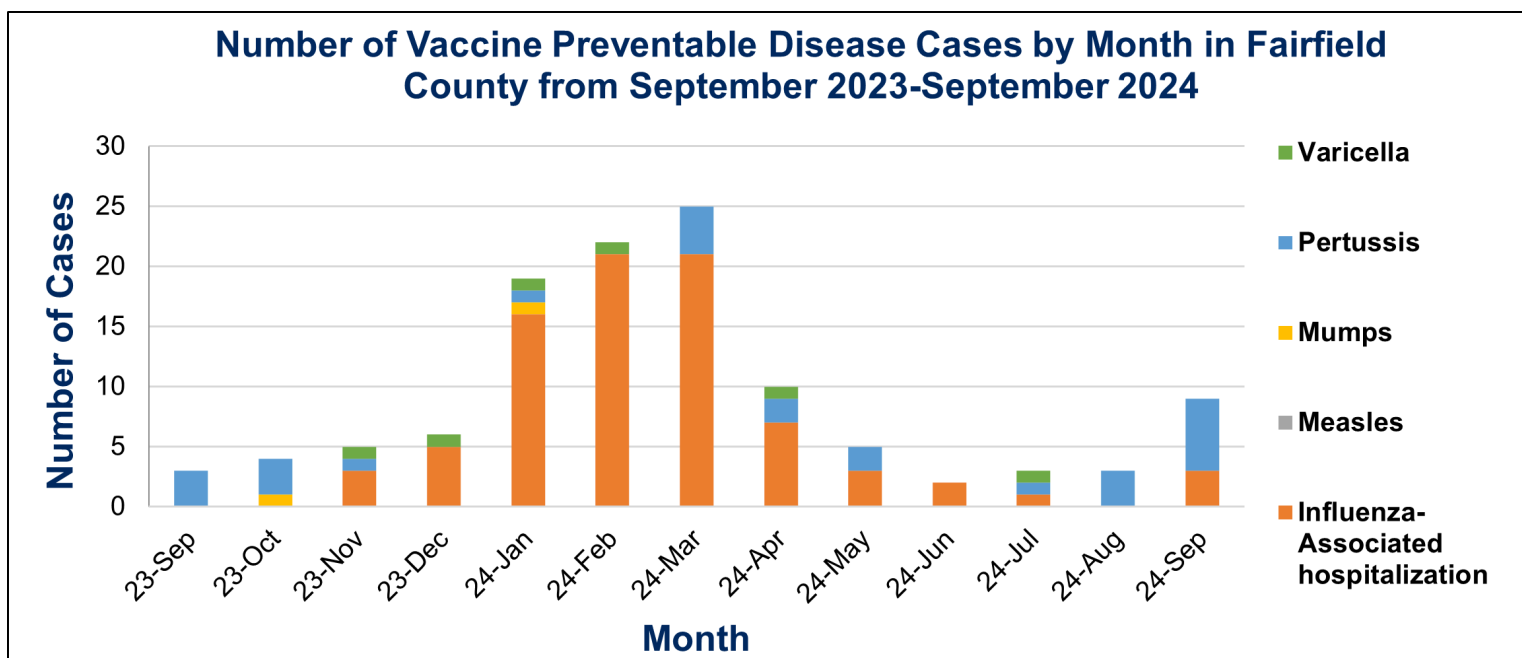
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VACCINE PREVENTABLE DISEASES

Monthly Communicable Disease Report	September 2024	YTD 2024	September 2023	YTD 2023
Vaccine Preventable Diseases				
Influenza-Associated Hospitalization	3	74	0	11
Measles	0	0	0	0
Mumps	0	1	0	4
Pertussis	6	19	3	6
Varicella	0	4	0	5

Key Findings:

- Influenza-associated hospitalizations has 3 reported cases for September 2024. Year-to-Date (YTD) data for 2024 reveals a significant 672% increase, with 74 cases compared to 11 during the same period in 2023.
- There was 6 reported cases of Pertussis in September 2024. Pertussis is still showing an upward trend this year, with 19 cases reported YTD compared to 6 cases by the same time last year. An outbreak has been identified with an ongoing investigation monitored by Franklin County Public Health.
- No cases of measles, mumps, or varicella were reported in September 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.

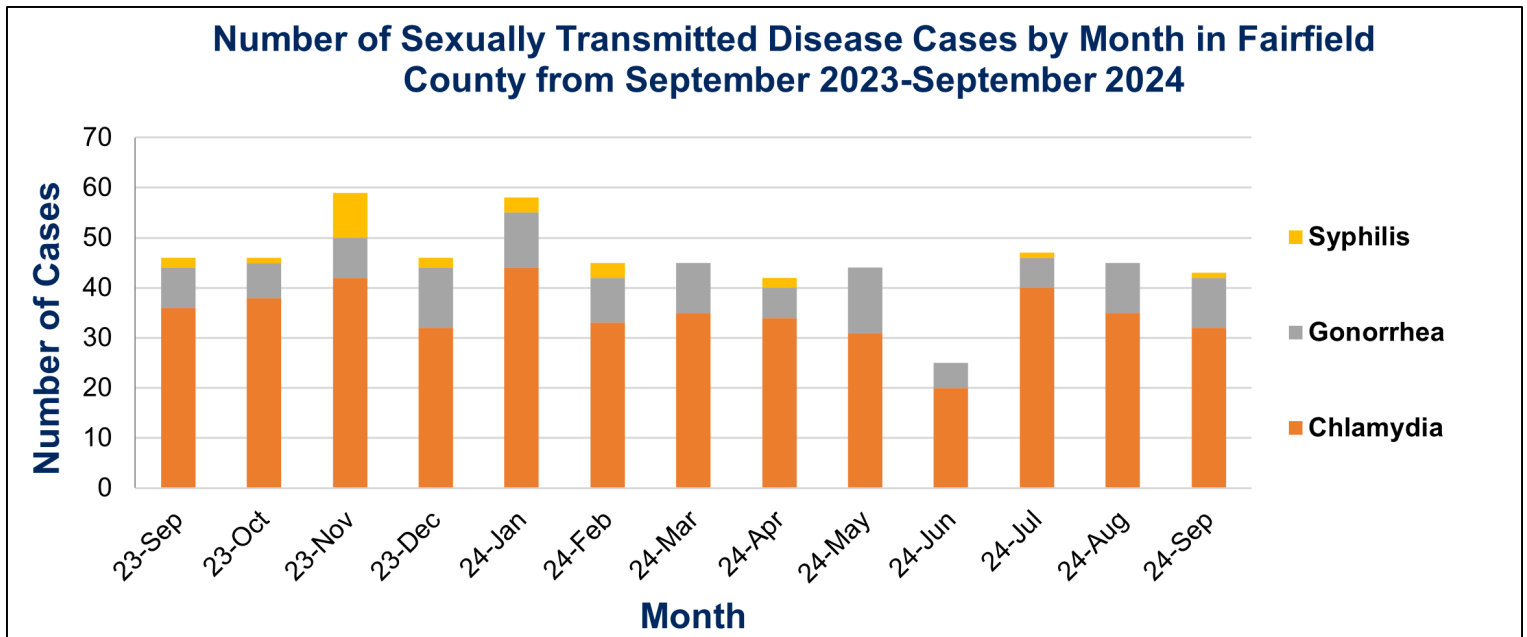
Source: Ohio Disease Reporting System Data as of 10/08/2024

SEXUALLY TRANSMITTED DISEASES

Monthly Communicable Disease Report	September 2024	YTD 2024	September 2023	YTD 2023
Sexually Transmitted Diseases				
Chlamydia	32	304	36	348
Gonorrhea	10	80	8	90
Syphilis	1	9	2	33

Key Findings:

- Chlamydia cases have seen a **significant increase** recently in the summer months, rising from 19 in June 2024 to 40 in July. Now as we transition to fall, we have seen a **decrease** in August with 35 cases and now an even further **decrease** to 32 cases in September, a decrease from the same time last year as well.
- Gonorrhea cases reported 10 cases in September 2024, up by 2 in September 2023.
- Syphilis cases **increased** to 1 compared to 0 the previous month.
- 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.

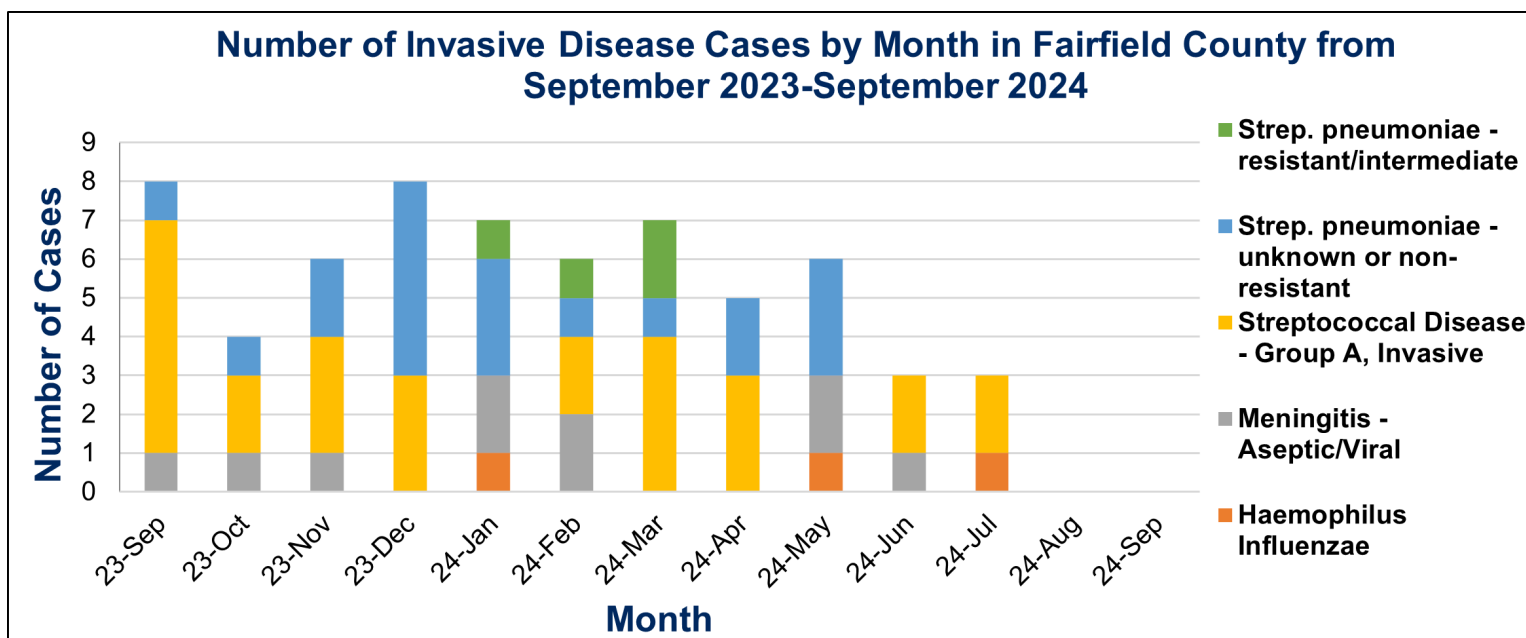
Source: Ohio Disease Reporting System Data as of 10/08/2024

INVASIVE DISEASES

Monthly Communicable Disease Report	September 2024	YTD 2024	September 2023	YTD 2023
Invasive Diseases				
Haemophilus Influenzae	0	3	0	2
Meningitis - Aseptic/Viral	0	7	1	4
Streptococcal Disease - Group A, Invasive	0	13	6	24
Strep. pneumoniae - unknown or non-resistant	0	10	1	9
Strep. pneumoniae - resistant/intermediate	0	4	0	2

Key Findings:

- There were no reported cases of the invasive diseases in Fairfield County for September 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 11 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.

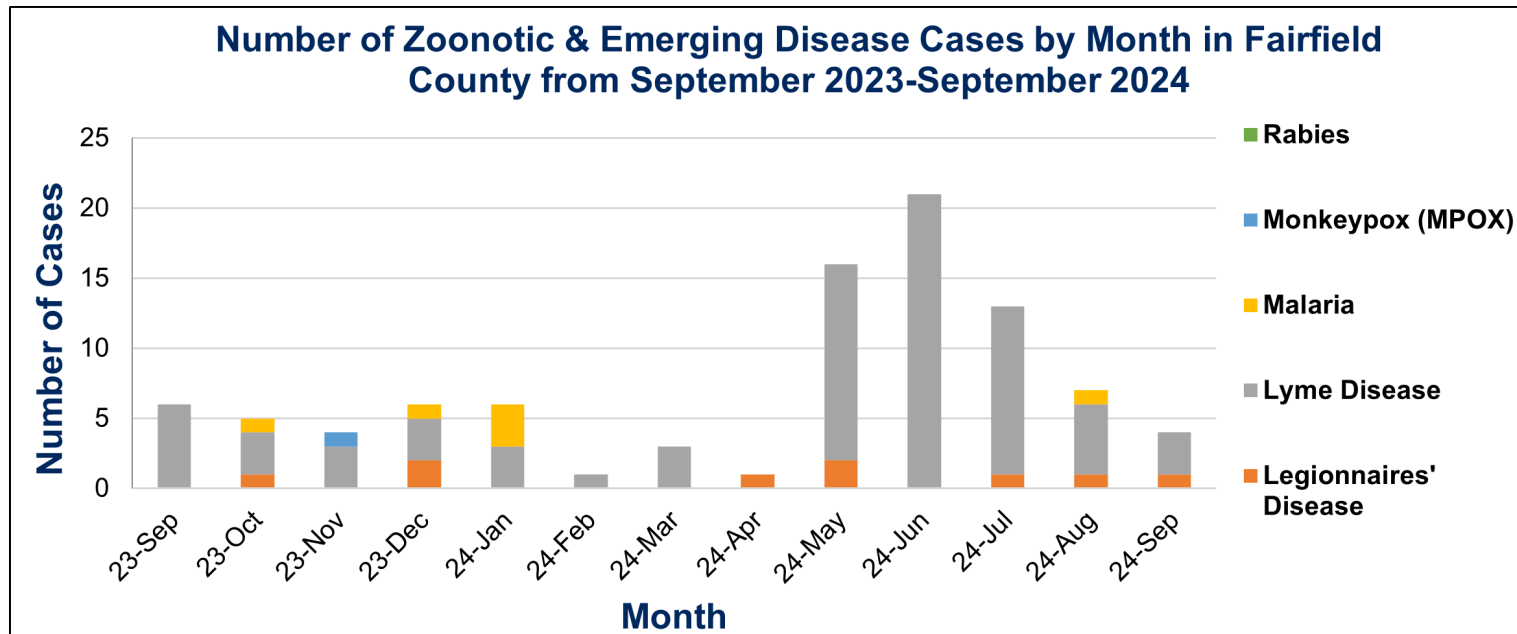
Source: Ohio Disease Reporting System Data as of 10/08/2024

ZOO NOTIC & EMERGING DISEASES

Monthly Communicable Disease Report	September 2024	YTD 2024	September 2023	YTD 2023
Zoonotic & Emerging Diseases				
Legionnaires' Disease	1	6	0	3
Lyme Disease	3	62	6	78
Malaria	0	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 5 cases reported in August 2024 and now only 3 cases for September.
- No cases of Malaria, Monkeypox, or Rabies were reported in September 2024, consistent with the trends observed in 2023.
- Legionnaires' Disease reported 1 case in September 2024, an increase compared to the same time last year.
- 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.



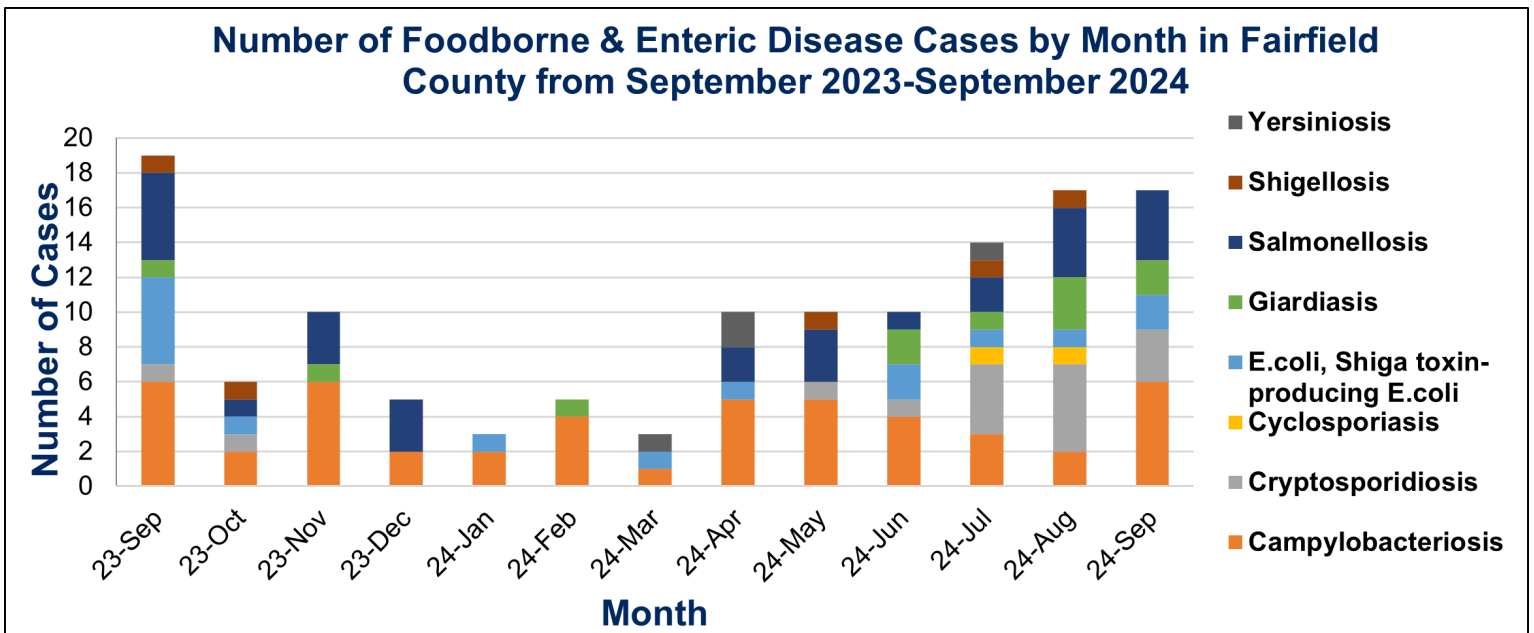
***Note:** The reported data for Legionnaires' Disease, Lyme Disease, Malaria, Monkeypox, and Rabies include confirmed, probable, and suspected cases. Data is subject to change as new and/or updated information is received. Source: Ohio Disease Reporting System Data as of 10/08/2024

FOODBORNE & ENTERIC DISEASES

Monthly Communicable Disease Report	September 2024	YTD 2024	September 2023	YTD 2023
Foodborne & Enteric Diseases				
Campylobacteriosis	6	32	6	23
Cryptosporidiosis	3	14	1	5
Cyclosporiasis	0	2	0	5
E.coli, Shiga toxin-producing E.coli	2	9	5	13
Giardiasis	2	9	1	6
Salmonellosis	4	16	5	29
Shigellosis	0	3	1	2
Yersiniosis	0	4	0	3

Key Findings:

- In September 2024, Campylobacteriosis cases **increased** by 4 compared to the previous month but is consistent with the same time last year. Year-to-Date (YTD) data for 2024 indicates a higher number of cases compared to 2023.
- There was 2 reported cases for E. Coli (Shiga toxin-producing), and Giardia for September 2024.
- There were 3 cases of Cryptosporidiosis in September 2024, an increase by 1 compared to the previous month.
- 4 cases of Salmonellosis were reported in September 2024, an **increase** compared to the previous month but down from the 5 cases reported in September 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.

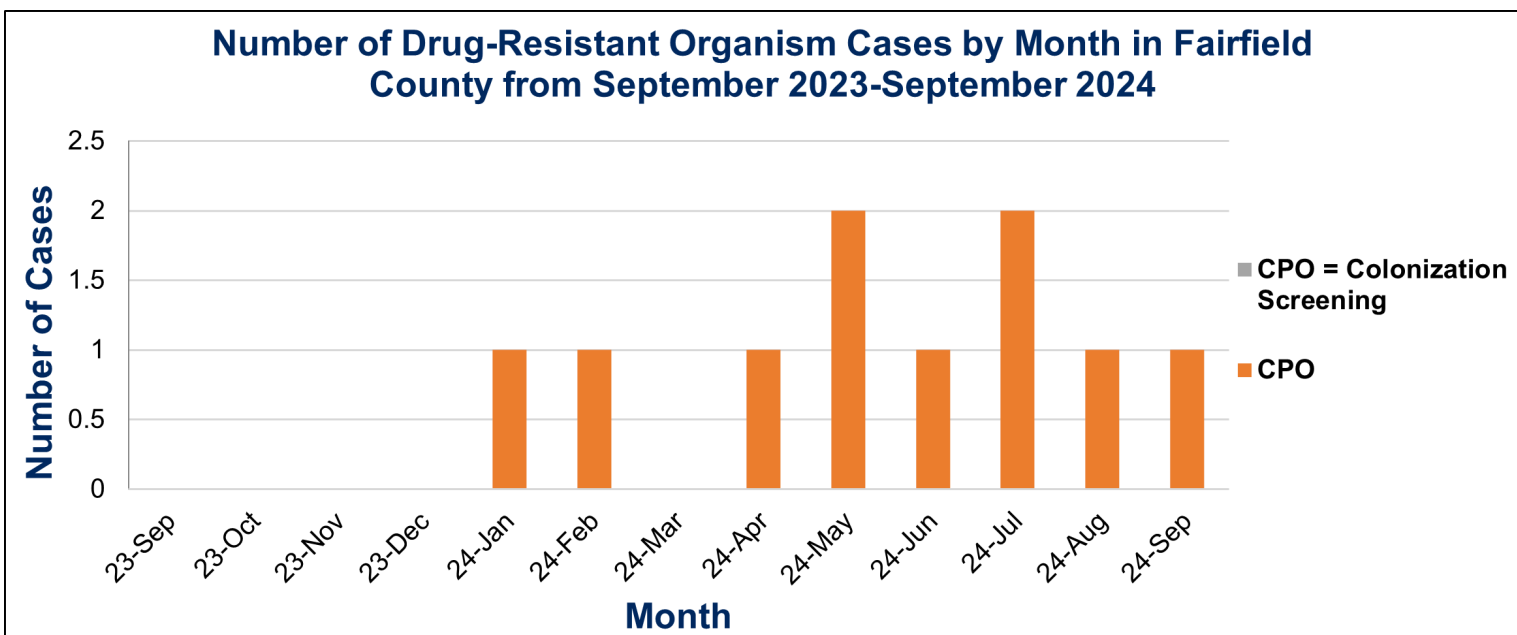
Source: Ohio Disease Reporting System Data as of 10/08/2024

DRUG RESISTANT ORGANISMS

Monthly Communicable Disease Report	September 2024	YTD 2024	September 2023	YTD 2023
Drug-Resistant Organisms				
CPO	1	10	0	11
CPO - Colonization Screening	0	0	0	2

Key Findings:

- In September 2024, there was 1 reported case for both Carbapenemase-producing Organisms (CPO) and 0 cases reported for CPO - colonization screening.
- YTD 2024 has 10 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.

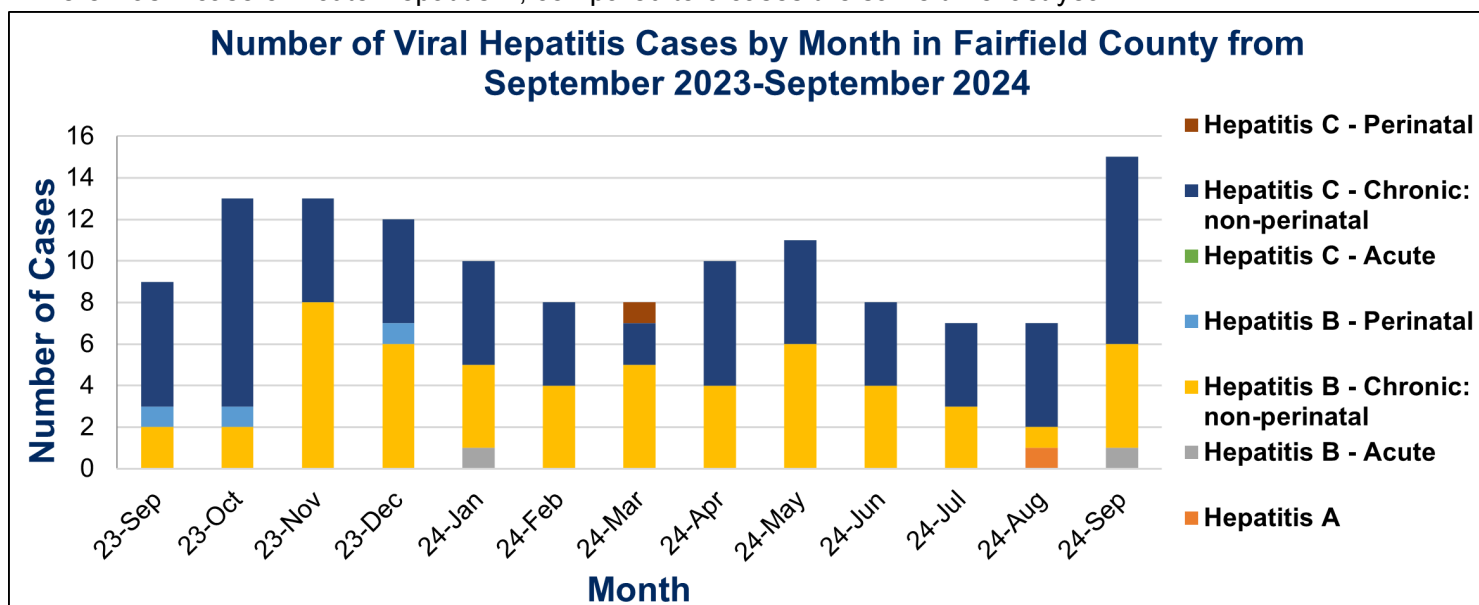
Source: Ohio Disease Reporting System Data as of 10/08/2024

VIRAL HEPATITIS

Monthly Communicable Disease Report	September 2024	YTD 2024	September 2023	YTD 2023
Viral Hepatitis				
Hepatitis A	0	1	0	0
Hepatitis B - Acute	1	2	0	0
Hepatitis B - Chronic: non-perinatal	5	36	2	30
Hepatitis B - Perinatal	0	0	1	5
Hepatitis C - Acute	0	0	0	2
Hepatitis C - Chronic: non-perinatal	9	44	6	74
Hepatitis C - Perinatal	0	1	0	1

Key Findings:

- In September 2024, there were no reported cases of Hepatitis A, Perinatal Hepatitis B, Acute Hepatitis C, or Perinatal Hepatitis C, consistent with the absence of cases for each in September 2023 with the exception of Perinatal Hepatitis B.
- Chronic Hepatitis B (non-perinatal) saw 5 cases in September 2024, marking a **increase** compared to the previous month, while Chronic Hepatitis C (non-perinatal) increased to 9 cases, up from 5 cases the previous month.
- Year-to-Date (YTD) data for 2024 shows an **increase** in Chronic Hepatitis B (non-perinatal) cases, with 36 reported cases compared to 30 in YTD 2023.
- Conversely, Chronic Hepatitis C (non-perinatal) has **decreased significantly** overall, with 44 cases reported in YTD 2024, down from 74 cases in YTD 2023.
- There was 1 case of Acute Hepatitis B, compared to 0 cases the same time last year.



***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.

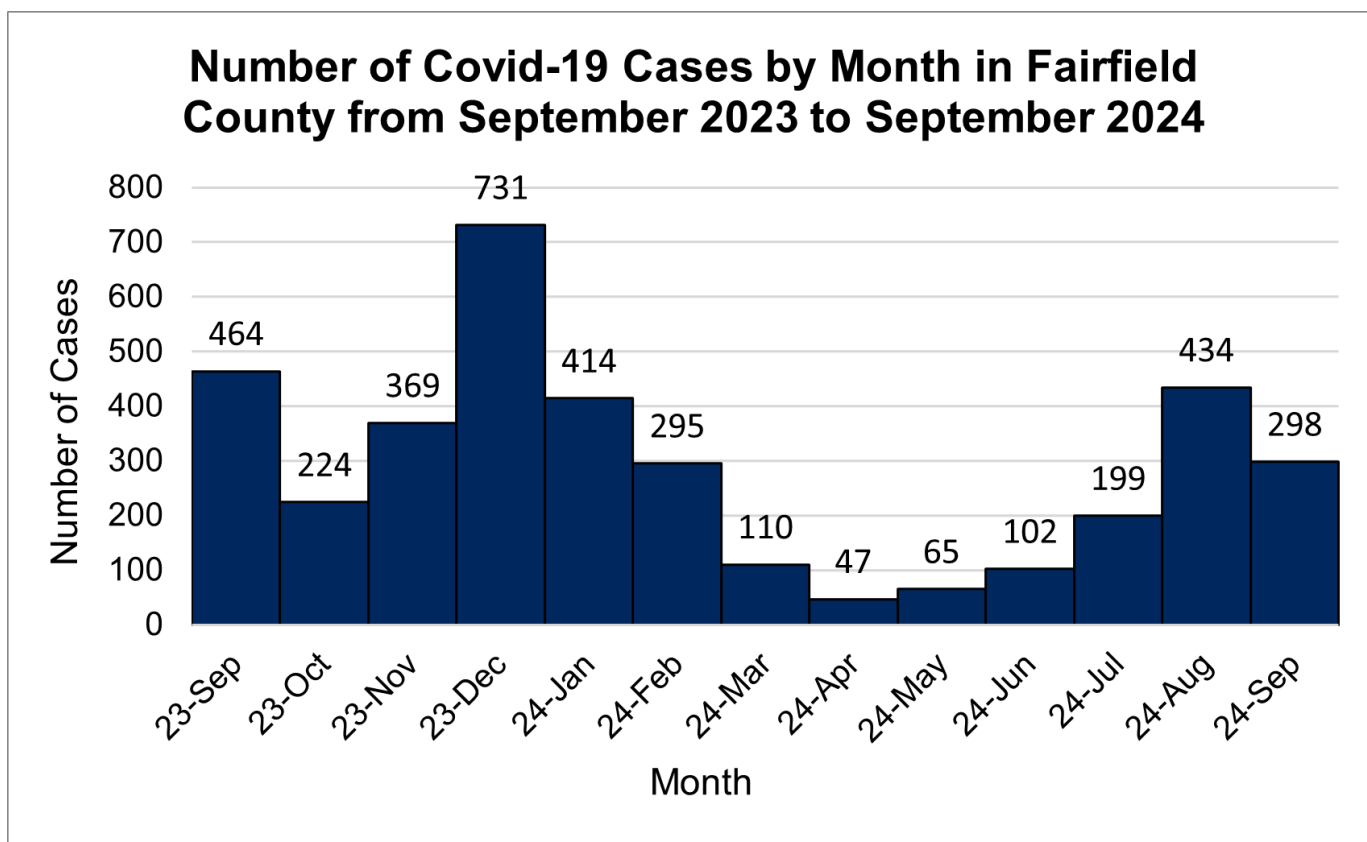
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CORONAVIRUS

Disease	Sept 2024	YTD 2024	Sept 2023	YTD 2023	Change
Covid-19	298	1964	464	2350	-166

Key Findings:

- In September 2024, there were 298 reported cases of COVID-19, compared to 434 cases in September 2023.
- Year-to-date (YTD) 2024 had 1694 cases, showing a **decrease** from 2350 cases in YTD 2023.
- The change in cases between September 2023 and September 2024 was minus 166, indicating a **decrease** in cases over the same period.
- Cases were on an upward trend from April 2024 to August 2024 and have since decreased for the month of September.



***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 10/08/2024

Disease	Sept 23 - Sept 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				
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CPO - Colonization Screening	0	0	0	2
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Hepatitis C - Acute	0	0	0	2
Hepatitis C - Chronic: non-perinatal	9	44	6	74
Hepatitis C - Perinatal	0	1	0	1
Coronavirus				
Covid-19	298	1964	464	2350
Total	387	2747	555	3181

*Case counts include confirmed, probable, and suspected cases (excluding Covid-19). Not pictured: 1 C. auris, 2 TB