



Wayne County Department of Health, Human & Veterans Services

Select Communicable Disease Quarterly Report

Quarter 1 2026

Purpose: This report summarizes surveillance data for select reportable communicable diseases in Out-Wayne County (Wayne County excluding the city of Detroit) for the first quarter of 2026 (January 1st through March 31st). The report highlights key trends, seasonal patterns, and emerging public health concerns across multiple disease categories.

Acronym Glossary: YTD = Year to Date (Jan 1st-Dec. 31st); VPD = Vaccine Preventable Disease; STI = Sexually Transmitted Infection

Summary

Respiratory Viruses

- **Influenza** *decreased* by 9.8% from Q4 2025 to Q1 2026 (4,783 to 4,313) and was 49.6% lower compared to 2025 YTD (8,550). This pattern is consistent with expected seasonal trends following winter peaks, although activity remained elevated in Q1 2026.
- **RSV** *increased* by 724.0% from Q4 2025 to Q1 2026 (129 to 1,063) and was 72.8% *higher* than 2025 YTD (615), reflecting a later seasonal peak and new changes in 2026 to reporting requirements (e.g., individual RSV cases are now required reportable diseases for facilities with electronic reporting capabilities)¹. Hence, year-to-year comparisons should be interpreted with caution.
- **COVID-19** *increased* by 24.7% from Q4 2025 to Q1 2026 (3,421 to 4,265). However, it was 26.0% *lower* than 2025 YTD (5,765). Trends are consistent with winter seasonality, while continued year-to-year declines may reflect underreporting due to at-home testing and reduced clinical testing.

Foodborne Illnesses

- **Foodborne diseases** overall *decreased* by 2.0% from Q4 2025 to Q1 2026 (100 to 98) and were 31.9% lower when comparing 2026 YTD (98) to 2025 YTD (144). Given the low counts among specific foodborne diseases, no notable disease-specific trends were observed.

¹ Beginning in 2026, individual RSV cases became reportable for facilities with electronic reporting capabilities, which may affect comparisons with previous years.

- **Cryptosporidiosis** *increased* by 100% from Q4 2025 to Q1 2026, representing the largest relative increase among foodborne conditions, though overall counts remained low. The 2026 YTD total (6) was also *higher* than 2025 YTD (<6).
- **Campylobacter** *increased* by 8.9% from Q4 2025 to Q1 2026 (45 to 49) and was 40.0% higher than 2025 YTD (35).
- **Norovirus** and **giardiasis** both *decreased* from Q4 2025 to Q1 2026 and were substantially lower in 2026 YTD; Q1 2026 counts were <6 for both, driving the overall reduction in the foodborne diseases group.

Sexually Transmitted Infections (STIs)

- **Gonorrhea** *increased* by 1.3% from Q4 2025 to Q1 2026 (239 to 242) and was 4.0% lower than 2025 YTD (252).
- **Chlamydia** *increased* by 0.5% from Q4 2025 to Q1 2026 (840 to 844) and was 13.7% *higher* than 2025 YTD (742).
- **Syphilis** trends varied: **Primary Syphilis** *decreased* from Q4 2025 to Q1 2026 but was *higher* when comparing 2026 YTD to 2025 YTD; **Early latent Syphilis** *increased* by 36.4% from Q4 2025 to Q1 2026 (11 to 15) but remained below 2025 YTD (23); **Congenital Syphilis** *decreased* both from Q4 2025 to Q1 2026 and YTD.

Other

- **Carbapenemase-producing organisms (CPO)** *increased* from Q4 2025 to Q1 2026 (11 to 19), representing a 72.7% increase, though the 2026 YTD total (19) remained 9.5% lower than 2025 YTD (21).
- **Invasive Streptococcus pneumoniae** *increased* from 12 to 23 cases from Q4 2025 to Q1 2026 but remained below 2025 YTD (35).
- **Candida auris** *decreased* by 18.0% from Q4 2025 to Q1 2026 (50 to 41) but was 78.3% *higher* than the 2025 YTD total (23), representing the largest absolute increase among diseases in this category.

Vaccine-Preventable Diseases (VPD)

- **VPDs** overall *increased* by 11.7% from Q4 2025 to Q1 2026 (103 to 115) but were 15.4% lower than 2025 YTD (136).
- **Shingles** *increased* by 28.6% from Q4 2025 to Q1 2026 (77 to 99) and was 30.3% higher when comparing 2026 YTD (99) to 2025 YTD (76), representing the highest case count among vaccine-preventable diseases in Q1 2026.

Hepatitis

- **Hepatitis cases** overall increased by 23.9% from Q4 2025 to Q1 2026 (88 to 109) and were 18.5% *higher* than 2025 YTD (92).

- **Hepatitis C** decreased by 5.2% from Q4 2025 to Q1 2026 (58 to 55) but was 14.6% higher than 2025 YTD (48).
- **Hepatitis B** increased by 70.0% from Q4 2025 to Q1 2026 (30 to 51) and by 27.5% when compared to 2025 YTD (40), the largest absolute quarterly increase among hepatitis conditions.

Quarterly and Cumulative Case Counts of Select Diseases in Wayne County Excluding Detroit by and through the latest quarter.

Disease Group	Disease	Q1_2025	Q2_2025	Q3_2025	Q4_2025	Q1_2026	YTD 2025	YTD 2026
COVID19/MIS	Novel Coronavirus COVID-19	5765	1448	2640	3421	4265	5765	4265
Foodborne	Amebiasis	0	0	*	*	0	0	0
Foodborne	Campylobacter	35	56	57	45	49	35	49
Foodborne	Cryptosporidiosis	*	*	8	*	6	*	6
Foodborne	Giardiasis	15	6	6	8	*	15	*
Foodborne	Listeriosis	*	*	*	*	0	*	0
Foodborne	Norovirus	53	*	0	*	*	53	*
Foodborne	Salmonellosis	19	24	33	19	21	19	21
Foodborne	Shiga toxin-producing E. coli	8	8	9	6	7	8	7
Foodborne	Shigellosis	7	6	13	10	6	7	6
Foodborne	Typhoid Fever	*	*	0	*	0	*	0
Foodborne	Yersinia enteritis	*	*	*	*	*	*	*
Influenza	Influenza	8550	585	108	4783	4313	8550	4313
Influenza	Respiratory Syncytial Virus	615	65	6	129	1063	615	1063
Meningitis	Meningitis - Aseptic	*	*	9	8	*	*	*
Meningitis	Meningitis - Bacterial Other	*	7	*	*	*	*	*
Meningitis	Streptococcus pneumoniae, Inv	35	14	10	12	23	35	23
Other	Mpox	0	*	*	0	0	0	0
Other	CPO	21	11	22	11	19	21	19
Other	Candida auris	23	33	52	50	41	23	41
Other	Cholera	0	0	*	0	0	0	0
Other	Coccidioidomycosis	0	0	*	0	0	0	0
Other	Creutzfeldt-Jakob Disease	0	*	*	0	0	0	0
Other	Cryptococcosis	0	*	*	*	*	0	*
Other	Cyclosporiasis	0	*	12	*	*	0	*
Other	Encephalitis, Post Chickenpox	0	*	0	0	0	0	0

Disease Group	Disease	Q1_2025	Q2_2025	Q3_2025	Q4_2025	Q1_2026	YTD 2025	YTD 2026
Other	Encephalitis, Post Other	*	*	*	0	*	*	*
Other	Guillain-Barre Syndrome	0	*	*	*	0	0	0
Other	Histoplasmosis	*	*	0	*	*	*	*
Other	Kawasaki	*	*	*	*	*	*	*
Other	Legionellosis	*	13	25	10	*	*	*
Other	Leptospirosis	0	0	0	0	*	0	*
Other	Staphylococcus Aureus Infect.*	*	*	0	*	*	*	*
Other	Streptococcal Dis, Inv, Grp A	27	17	15	20	32	27	32
Other	Streptococcal Toxic Shock	0	0	*	*	0	0	0
Other	Streptococcus pneumoniae, Drug Resistant	*	*	7	*	*	*	*
Other	Toxic Shock	0	0	*	*	0	0	0
Other	VISA	0	0	*	0	0	0	0
Other	Vibriosis - Non Cholera	0	0	0	*	*	0	*
Rabies	Rabies Animal	0	0	*	0	0	0	0
Rabies	Rabies: Potential Exposure & PEP	66	105	160	100	75	66	75
STI	Chlamydia (Genital)	742	886	942	840	844	742	844
STI	Gonorrhea	252	220	271	239	242	252	242
STI	Syphilis - Congenital	*	0	*	*	*	*	*
STI	Syphilis - Early Latent	23	19	19	11	15	23	15
STI	Syphilis - Primary	*	*	*	6	*	*	*
STI	Syphilis - Secondary	11	11	6	*	11	11	11
STI	Syphilis - To Be Determined	0	0	*	0	0	0	0
STI	Syphilis - Unknown Duration or Late	31	27	35	42	36	31	36
Tuberculosis	Latent Tuberculosis Infection	*	*	0	*	*	*	*
Tuberculosis	Nontuberculous Mycobacterium	28	44	38	38	37	28	37
Tuberculosis	Tuberculosis	*	7	*	*	6	*	6
VPD	Chickenpox (Varicella)	*	*	*	8	*	*	*
VPD	H. influenzae Disease - Inv.	9	7	*	6	*	9	*
VPD	Measles	0	0	0	0	0	0	0
VPD	Mumps	*	0	0	0	0	*	0

Disease Group	Disease	Q1_2025	Q2_2025	Q3_2025	Q4_2025	Q1_2026	YTD 2025	YTD 2026
VPD	Pertussis	42	8	16	*	6	42	6
VPD	Shingles	76	80	87	77	99	76	99
VPD	VZ Infection, Unspecified	*	*	*	7	0	*	0
Vectorborne	Anaplasmosis	*	0	*	0	0	*	0
Vectorborne	Dengue Fever	*	0	*	0	*	*	*
Vectorborne	Lyme Disease	0	8	24	*	*	0	*
Vectorborne	Malaria	0	0	0	0	*	0	*
Vectorborne	West Nile Virus	0	0	*	*	0	0	0
Hepatitis	Hepatitis A	*	0	*	0	*	*	*
Hepatitis	Hepatitis B Chronic/Acute	40	29	33	30	51	40	51
Hepatitis	Hepatitis C Chronic/Acute	48	37	48	58	55	48	55
Hepatitis	Hepatitis D	*	0	0	0	0	*	0
Hepatitis	Hepatitis E	0	0	0	0	*	0	*

+: *Streptococcus pneumoniae* Inv. = *Streptococcus pneumoniae*, sterile sites; CPO = Carbapenemase-Producing Organisms; Streptococcal disease Inv. Grp A = *Streptococcus pyogenes*, group A, sterile sites; VISA = *Staphylococcus aureus*, vancomycin intermediate; *H. influenzae* disease inv. = *Haemophilus influenzae*, sterile sites; VZ Infection, Unspecified = Varicella zoster infection, not specified whether Chickenpox or Shingles

Notes and disclaimers

1. **Source:** Michigan Disease Surveillance System (MDSS). Retrieved on **04/16/2026**.
2. Surveillance data is transient and occurs 24/7. All data is considered preliminary and is subject to change. Conditions with 0 cases for each of the previous five quarters are excluded from the table above.
3. Counts include confirmed and probable cases. **Bolded** numbers indicate a $\geq 50\%$ increase in case counts. An asterisk (*) marks cells where data suppression is applied. **Suppression Policy:** Table cells with case counts 1-5 are suppressed, and additional cells may be suppressed to prevent back calculation and protect confidentiality.
4. Comparisons used in the analysis
 - a. Quarter over quarter (Q4 2025 vs Q1 2026)
 - b. Year to date (YTD: Q1 2025 vs Q1 2026)