



Monthly Communicable Disease Surveillance Report

July 2025

Alec Rutkowski, MPH, Epidemiologist



**HAMILTON COUNTY
PUBLIC HEALTH**

PREVENT. PROMOTE. PROTECT.



NOTIFIABLE COMMUNICABLE DISEASES

Hamilton County Public Health (HCPH) Jurisdiction

Number of Communicable Diseases Reported: **66**
Most frequently reported communicable diseases:

- **Chronic Hepatitis C (n=16)**
 - **Salmonellosis (n=8)**
 - **Lyme Disease (n=7)**
- **Cyclosporiasis (n=5)**
 - **Chronic Hepatitis B (n=4)**

Southwest Ohio (SWOH)

Number of Communicable Diseases Reported: **375**
Most frequently reported communicable diseases:

- **Chronic Hepatitis C (n=82)**
 - **Lyme Disease (n=45)**
 - **Campylobacteriosis (n=33)**
- **Chronic Hepatitis B (n=32)**
 - **Salmonellosis (n=18)**

Summary

In July, the overall rates of reported communicable diseases for HCPH decreased by 17% as SWOH and Ohio rates increased by 1%, and 13%, respectively. The Ohio rate (34.6) was the highest of the three rates, followed by the SWOH rate (20.7) and the HCPH rate (13.4) (Figure 1).

Chronic Hepatitis C was the most reported communicable disease across SWOH, with Chronic Hepatitis B the 4th most reported, respectively (Table 2). Chronic Hepatitis B and C cases accounted for 30.4% of the total communicable diseases reported during July. The number of chronic hepatitis cases seen in Southwest Ohio during July was 19.8% lower than the 12-month average of 138 cases seen between July 2024 and June 2025. The number of chronic hepatitis cases reported in SWOH in July (114) was higher than the number of cases reported in the previous month (97). The rate of chronic hepatitis within Hamilton County for July was 7.2 per 100,000 residents. This rate was higher than the SWOH rate of 6.6 per 100,000 residents.

Lyme Disease was the 2nd most frequently reported disease in SWOH, accounting for 12% of the total during July. The number of Lyme Disease cases reported during July (45) was higher than the number of cases reported in the previous month (43). The rate of Lyme Disease within Hamilton County for July was 1.6 per 100,000 residents. This rate was lower than the SWOH rate of 2.6 per 100,000 residents.

Table 1. Comparison of the Reported Cases of Notifiable Communicable Diseases by Location, July 2025

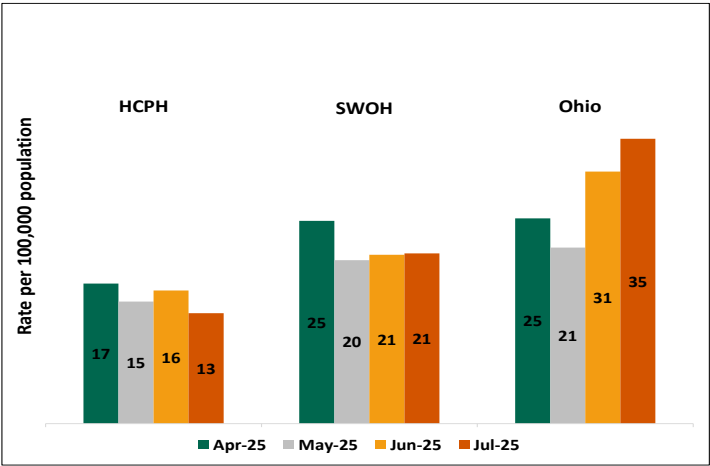
Location	Number of Reported Cases	Rate per 100,000	Rate Ratio†	Confidence Interval (99%)‡
HCPH	66	13.86	0.39	0.28 - 0.53
SW OHIO	375	21.37	0.60	0.52 - 0.69
OHIO	4,138	35.75	.	. - .

Campylobacteriosis cases within Hamilton County for July was 0.6 per 100,000 residents. This rate was lower than the SWOH rate of 1.9 per 100,000 residents.

NOTES: Data are provisional and are subject to change as data becomes finalized. Suspected, probable and confirmed cases are included in counts except for arboviral encephalitis and Zika virus diseases, of which only probable and confirmed cases are reported. Novel Influenza A cases are only confirmed cases. COVID-19, chlamydia, gonorrhea, HIV, and syphilis are not reported within this report. The completeness of reporting varies by region and can impact the incidences of reported diseases. This report reflects the time period of July 1- 31, 2025. Data was accessed from the Ohio Disease Reporting System on 08/01/2025.

†Ratio of local rate to the Ohio rate.
‡Confidence intervals that do not contain the value of one are considered statistically significant.

Figure 1. 30-Day Rates of Reported Communicable Diseases in Ohio, Southwest Ohio, and Hamilton County Public Health Jurisdiction, April 2025 - July 2025



Campylobacteriosis was the 3rd most frequently reported disease in SWOH (Table 2). Campylobacteriosis cases accounted for 8.8% of the total communicable diseases reported during July. The number of Campylobacteriosis cases reported in July (33) was higher than the number of cases reported in the previous month (23). The rate of

Table 2. Cases of Notifiable Diseases in Southwest Ohio as Reported in ODRS by County, July 2025

Reportable Condition	County								Total
	Hamilton	Adams	Brown	Butler	Clermont	Clinton	Highland	Warren	
Amebiasis	.	.	.	.	1	.	.	.	1
C. auris	3	.	.	3	4	2	1	.	13
C. auris - Colonization Screening	.	.	.	5	.	.	.	1	6
CPO	5	1	.	3	.	.	1	2	12
Campylobacteriosis	5	2	1	7	8	1	.	9	33
Cryptosporidiosis	4	1	1	1	.	1	.	1	9
Cyclosporiasis	5	.	.	.	.	.	.	2	7
E.Coli (shiga toxin producing)	5	.	1	1	.	1	.	.	8
Ehrlichiosis/Anaplasmosis	.	.	.	.	.	.	.	1	1
Giardiasis	6	.	.	.	2	.	.	.	8
Haemophilus influenzae (invasive)	4	.	.	.	.	.	.	.	4
Hantavirus	1	.	.	.	.	.	.	.	1
Hepatitis A	2	1	.	6	1	.	1	.	11
Hepatitis B (acute)	1	.	.	.	.	.	.	.	1
Hepatitis B (chronic)	15	.	1	13	.	.	.	3	32
Hepatitis C (acute)	1	.	.	.	.	.	.	.	1
Hepatitis C (chronic)	43	1	3	10	11	2	4	8	82
Influenza-associated hospitalization	1	.	.	4	2	.	1	2	10
Legionnaires' Disease	.	.	1	1	.	1	.	.	3
Listeriosis	1	.	.	.	.	.	.	.	1
Lyme Disease	13	3	1	4	10	2	6	6	45
Malaria	1	.	.	.	.	.	.	.	1
Meningitis (aseptic/viral)	6	.	.	1	3	.	.	1	11
Meningitis (bacterial, not N. meningitidis)	1	.	.	.	3	.	.	.	4
Mpox	.	.	.	.	1	.	.	.	1
Pertussis	6	.	.	6	2	1	.	1	16
Salmonellosis	10	.	.	5	2	1	.	.	18
Shigellosis	4	1	.	2	.	.	.	1	8
Spotted Fever Rickettsiosis (including Rocky Mountain spotted fever (RMSF))	.	3	.	.	.	.	.	1	4
Streptococcal pneumoniae (invasive)	1	1	.	1	2	.	.	1	6

Table 3. YTD Cases of Notifiable Diseases in Southwest Ohio as Reported in ODRS by County, July 2025

Reportable Condition	County								Total
	Hamilton	Adams	Brown	Butler	Clermont	Clinton	Highland	Warren	
Amebiasis	3	.	.	1	1	.	.	.	5
Babesiosis	1	.	.	.	.	.	.	.	1
Brucellosis	1	.	.	.	.	.	.	.	1
C. auris	34	1	.	9	8	2	2	6	62
C. auris - Colonization Screening	42	.	1	19	4	.	1	7	74
Campylobacteriosis	46	7	2	34	18	2	8	25	142
Coccidioidomycosis	4	.	.	2	1	.	.	3	10
CPO	21	5	2	15	6	3	3	9	64
CPO - Colonization Screening	2	.	.	3	4	.	.	.	9
Creutzfeldt-Jakob Disease	.	.	.	.	1	.	.	.	1
Cryptosporidiosis	10	2	1	3	.	1	.	2	19
Cyclosporiasis	7	.	.	.	.	.	.	2	9
Dengue	1	.	.	.	.	.	.	.	1
Diphtheria	.	.	.	1	.	.	.	.	1
E.Coli (shiga toxin producing)	12	.	1	3	3	3	1	2	25
Ehrlichiosis/Anaplasmosis	4	1	.	1	1	.	.	2	9
Giardiasis	16	1	.	3	9	.	1	4	34
Haemophilus influenzae (invasive)	18	.	4	4	2	1	1	3	33
Hantavirus	1	.	.	.	.	.	.	.	1
Hepatitis A	16	5	1	49	2	3	2	7	85
Hepatitis B (acute)	7	1	.	8	.	4	.	4	24
Hepatitis B (chronic)	141	3	3	68	10	6	6	34	271
Hepatitis C - Perinatal Infection	1	.	1	1	.	.	.	.	3
Hepatitis C (acute)	3	.	.	.	1	.	.	1	5
Hepatitis C (chronic)	367	16	19	134	58	20	22	70	706
Hepatitis E	.	.	.	.	.	1	.	.	1
Influenza-associated hospitalization	907	20	56	385	271	54	88	266	2047
Legionnaires' Disease	20	.	1	13	2	1	1	2	40
Listeriosis	3	.	.	.	.	.	2	1	6
Lyme Disease	26	13	12	13	35	3	22	12	136

Table 3. YTD Cases of Notifiable Diseases in Southwest Ohio as Reported in ODRS by County, July 2025, Continued

[illegible]