Monthly Communicable Disease Surveillance Report

August 2025

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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)**
- **Chronic Hepatitis B (n=6)**
- **Lyme Disease (n=5)**
- **C. auris (n=4)**
- **Campylobacteriosis (n=4)**

Southwest Ohio (SWOH)

Number of Communicable Diseases Reported: **381**

Most frequently reported communicable diseases:

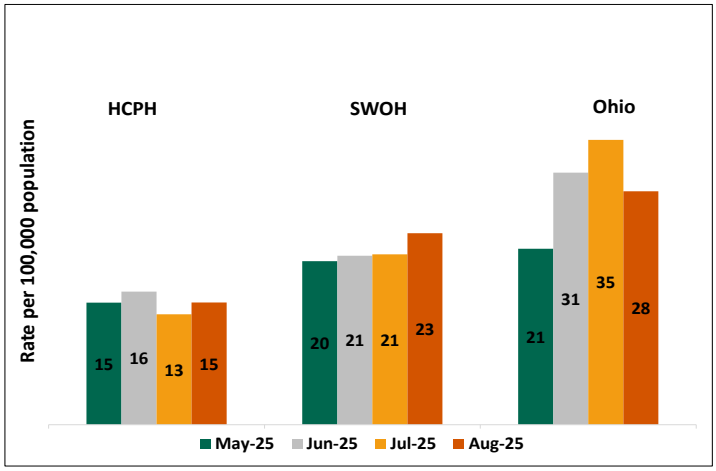
- **Chronic Hepatits C (n=112)**
- **Chronic Hepatitis B (n=39)**
- **Lyme Disease (n=38)**
- **Camplyobacteriosis (n=31)**
- **Pertussis (n=13)**

Summary

In August, the overall rates of reported communicable diseases for HCPH and SWOH increased by 11% and 12% respectively as the Ohio rate decreased by 18%. The Ohio rate (26.5) was the highest of the three rates, followed by the SWOH rate (21.7) and the HCPH rate (13.9) (Figure 1).

Chronic Hepatits C was the most reported communicable disease across SWOH, with Chronic Hepatitis B the 2nd most reported, respectively (Table 2). Chronic Hepatitis B and C cases accounted for 39.6% of the total communicable diseases reported during August. The number of chronic hepatitis cases seen in Southwest Ohio during August was 19.4% higher than the 12-month average of 136 cases seen between August 2024 and July 2025. The number of chronic hepatitis cases reported in SWOH in August (151) was higher than the number of cases reported in the previous month (112). The rate of chronic hepatitis within Hamilton County for August was 9.1 per 100,000 residents. This rate was higher than the SWOH rate of 8.7 per 100,000 residents.

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



Lyme Disease was the 3rd most frequently reported disease in SWOH, accounting for 10% of the total during August. The number of Lyme Disease cases reported during August (38) was lower than the number of cases reported in the previous month (45). The rate of Lyme Disease within Hamilton County for August was 1.0 per 100,000 residents. This rate was lower than the SWOH rate of 2.2 per 100,000 residents.

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

Location	Number of Reported Cases	Rate per 100,000	Rate Ratio†	Confidence Interval (99%)‡
HCPH	66	13.86	0.52	0.38 - 0.72
SW OHIO	381	21.71	0.82	0.71 - 0.94
OHIO	3,064	26.46	.	. - .

Camplyobacteriosis was the 4th most frequently reported disease in SWOH (Table 2). Camplybactreriosis cases accounted for 8.1% of the total communicable diseases reported during August. The number of Camplybacteriosis cases reported in August (31) was lower than the number of cases reported in the previous month (33). The rate of Camplyobacterisos cases within Hamilton County for July was 1.2 per 100,000 residents. This rate was lower than the SWOH rate of 1.8 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 August 1- 28, 2025. Data was accessed from the Ohio Disease Reporting System on 08/29/2025.

†Ratio of local rate to the Ohio rate.

‡Confidence intervals that do not contain the value of one are considered statistically significant.

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	.	.	.	.	**2**
Botulism - wound	.	.	.	.	.	.	.	1	**1**
C. auris	5	.	.	1	.	1	.	.	**7**
C. auris - Colonization Screening	6	.	.	3	1	.	.	2	**12**
CPO	2	.	.	.	1	.	.	.	**3**
CPO - Colonization Screening	.	.	.	2	.	.	.	.	**2**
Campylobacteriosis	10	2	.	7	4	.	3	5	**31**
Coccidioidomycosis	.	.	.	.	.	1	.	.	**1**
Creutzfeldt-Jakob Disease	1	.	.	.	.	.	.	1	**2**
Cryptosporidiosis	1	.	.	.	.	.	.	.	**1**
E.Coli (shiga toxin producing)	1	.	.	1	.	.	.	1	**3**
Ehrlichiosis/Anaplasmosis	.	.	.	.	.	.	.	1	**1**
Giardiasis	2	.	1	1	.	.	.	1	**5**
Haemophilus influenzae (invasive)	1	.	1	1	.	.	1	.	**4**
Hepatitis A	3	.	.	.	.	.	.	.	**3**
Hepatitis B (acute)	.	2	.	.	.	.	.	.	**2**
Hepatitis B (chronic)	23	2	.	10	1	1	.	2	**39**
Hepatitis C (acute)	1	.	.	.	.	.	.	.	**1**
Hepatitis C (chronic)	50	2	6	17	25	1	3	8	**112**
Influenza-associated hospitalization	1	.	.	.	.	.	.	.	**1**
Legionnaires' Disease	4	.	.	3	2	.	.	.	**9**
Listeriosis	1	.	.	.	.	.	.	.	**1**
Lyme Disease	8	4	3	4	9	3	4	3	**38**
Meningitis (aseptic/viral)	4	.	.	3	3	1	1	1	**13**
Meningitis (bacterial, not N. meningitidis)	4	.	.	.	.	.	1	.	**5**
Pertussis	3	.	1	3	2	.	.	4	**13**
Salmonellosis	3	.	1	5	2	.	.	2	**13**
Shigellosis	3	.	.	.	1	.	.	1	**5**
Spotted Fever Rickettsiosis (including Rocky Mountain spotted fever (RMSF))	1	1	.	.	.	.	1	.	**3**
Streptococcal pneumoniae (invasive)	7	.	1	1	1	.	.	.	**10**

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

Reportable Condition	County								Total
	Hamilton	Adams	Brown	Butler	Clermont	Clinton	Highland	Warren	
Streptococcal, Group A (invasive)	4	.	.	2	1	.	.	.	**7**
Streptococcal, Group B (in newborn)	.	.	.	.	.	.	1	.	**1**
Tuberculosis	9	.	.	5	1	.	.	.	**15**
Varicella	2	.	.	1	.	1	1	3	**8**
Vibriosis	1	.	1	.	.	.	.	1	**3**
Yersiniosis	1	.	.	.	2	.	1	.	**4**
Total	**163**	**13**	**15**	**71**	**56**	**9**	**17**	**37**	**381**

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	4	.	.	2	1	.	.	.	**7**
Babesiosis	1	.	.	.	.	.	.	.	**1**
Botulism - wound	.	.	.	.	.	.	.	1	**1**
Brucellosis	1	.	.	.	.	.	.	.	**1**
C. auris	39	1	.	10	8	3	2	6	**69**
C. auris - Colonization Screening	48	.	1	22	5	.	1	9	**86**
Campylobacteriosis	56	9	2	41	22	2	11	30	**173**
Coccidioidomycosis	4	.	.	2	1	1	.	3	**11**
CPO	23	5	2	15	7	3	3	9	**67**
CPO - Colonization Screening	2	.	.	5	4	.	.	.	**11**
Creutzfeldt-Jakob Disease	1	.	.	.	1	.	.	1	**3**
Cryptosporidiosis	11	2	1	3	.	1	.	2	**20**
Cyclosporiasis	7	.	.	.	.	.	.	2	**9**
Dengue	1	.	.	.	.	.	.	.	**1**
Diphtheria	.	.	.	1	.	.	.	.	**1**
E.Coli (shiga toxin producing)	13	.	1	4	3	3	1	3	**28**
Ehrlichiosis/Anaplasmosis	4	1	.	1	1	.	.	3	**10**
Giardiasis	18	1	1	4	9	.	1	5	**39**
Haemophilus influenzae (invasive)	19	.	5	5	2	1	2	3	**37**
Hantavirus	1	.	.	.	.	.	.	.	**1**
Hepatitis A	19	5	1	49	2	3	2	7	**88**
Hepatitis B (acute)	7	3	.	8	.	4	.	4	**26**
Hepatitis B (chronic)	164	5	3	78	11	7	6	36	**310**
Hepatitis C - Perinatal Infection	1	.	1	1	.	.	.	.	**3**
Hepatitis C (acute)	4	.	.	.	1	.	.	1	**6**
Hepatitis C (chronic)	417	18	25	151	83	21	25	78	**818**
Hepatitis E	.	.	.	.	.	1	.	.	**1**
Influenza-associated hospitalization	908	20	56	385	271	54	88	266	**2048**
Legionnaires' Disease	24	.	1	16	4	1	1	2	**49**
Listeriosis	4	.	.	.	.	.	2	1	**7**

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

Reportable Condition	County								Total
	Hamilton	Adams	Brown	Butler	Clermont	Clinton	Highland	Warren	
Lyme Disease	34	17	15	17	44	6	26	15	**174**
Malaria	4	.	.	1	.	.	.	.	**5**
Measles	.	.	.	3	.	3	1	7	**14**
Meningitis (aseptic/viral)	20	3	1	13	10	3	4	5	**59**
Meningitis (bacterial, not N. meningitidis)	18	.	.	3	5	.	1	.	**27**
Meningococcal disease	3	.	.	.	.	.	.	.	**3**
Mpox	1	.	.	.	1	.	.	.	**2**
Mumps	4	.	.	1	1	.	.	.	**6**
Pertussis	88	.	3	77	30	2	.	49	**249**
Q fever (acute)	1	.	.	.	.	.	.	.	**1**
Salmonellosis	43	1	3	25	14	3	1	13	**103**
Shigellosis	18	2	.	9	3	.	.	2	**34**
Spotted Fever Rickettsiosis (including Rocky Mountain spotted fever (RMSF))	2	4	1	2	1	2	1	2	**15**
Streptococcal pneumoniae (invasive)	58	3	5	30	27	4	2	16	**145**
Streptococcal, Group A (invasive)	51	1	3	23	10	1	4	5	**98**
Streptococcal, Group B (in newborn)	.	1	.	2	.	.	2	.	**5**
Tuberculosis	19	.	.	10	3	1	.	1	**34**
Varicella	18	.	.	9	2	4	3	12	**48**
Vibriosis	10	.	1	1	.	.	1	1	**14**
Yersiniosis	10	.	1	2	4	.	1	5	**23**
Total	**2203**	**102**	**133**	**1031**	**591**	**134**	**192**	**605**	**4991**