

# Monthly Infectious Disease Surveillance Summary, October 2022



<i>Reportable Condition is by Category (For a description of listed conditions, see <a href="https://odh.ohio.gov/wps/portal/gov/odh/know-our-programs/infectious-disease-control-manual/section3/idcm-section-3.">https://odh.ohio.gov/wps/portal/gov/odh/know-our-programs/infectious-disease-control-manual/section3/idcm-section-3.</a>)</i>	2022 October	2022 YTD	2021 October	2021 YTD	2021 Rate	Cincinnati 5 Year Average Rate (2017-2021)	Ohio 5 Year Average Rate (2015-2019)
<b>Food- or Waterborne</b>	<b>11</b>	<b>62</b>	<b>8</b>	<b>97</b>	<b>37.49</b>	<b>62.31</b>	<b>12.32</b>
Amebiasis		1				0.066	0.10
Brucellosis						0.066	< 0.001
Campylobacteriosis	4	18	1	21	9.29	10.95	18
Cryptosporidiosis	1	4		5	1.66	3.45	7.50
Cyclosporiasis						1.30	0.50
<i>E. coli</i> , Shiga Toxin-Producing O157:H7		3	1	12	4.98	2.99	0.70
Giardiasis		2		15	5.64	6.10	3.70
Hepatitis A (also vaccine-preventable)						11.36	6.10
Legionellosis - Legionnaires' Disease	2	8	3	10	3.32	5.11	5.90
Listeriosis	1	1	1	3	1.33	0.46	0.30
Salmonellosis	2	15	1	20	7.30	11.28	12.70
Shigellosis	1	8	1	9	3.32	11.01	5.80
Vibriosis (not cholera)		1		1	0.33	0.33	0.30
Yersiniosis		1		1	0.33	0.46	0.60
<b>Vectorborne</b>	<b>0</b>	<b>2</b>	<b>0</b>	<b>11</b>	<b>2.65</b>	<b>3.52</b>	<b>0.60</b>
Chikungunya Virus Disease*						0.13	<0.001
Lyme disease		2		5	0.33	1.46	2.30
Malaria*				5	6	1.19	0.50
Spotted Fever Rickettsiosis				1	0.33	0.26	0.30
Ehrlichiosis-Ehrlichia chaffeensis						0.13	0.10
<b>Vaccine-Preventable</b>	<b>34</b>	<b>109</b>	<b>4</b>	<b>27</b>	<b>16.26</b>	<b>111.48</b>	<b>91.00</b>
<i>Hemophilus influenzae</i> , invasive disease		11	1	4	1.66	3.32	2.10
Influenza-associated hospitalization	31	62		3	6.64	89.19	77.30
Mumps						0.066	0.40
Pertussis						4.81	7.20
<i>S. pneumoniae</i> , invasive (abx susceptible/unknown)	2	23	2	15	6.64	7.70	-
<i>S. pneumoniae</i> , invasive (abx resistant)		5	1	3	0.64	4.51	-
Varicella (chickenpox)	1	8		2	0.64	2.17	3.90

<i>Reportable Condition<sup>2</sup> by Category (For a description of listed conditions, see <a href="https://odh.ohio.gov/wps/portal/gov/odh/know-our-programs/infectious-disease-control-manual/section3/idcm-section-3">https://odh.ohio.gov/wps/portal/gov/odh/know-our-programs/infectious-disease-control-manual/section3/idcm-section-3</a>.)</i>	2022 October	2022 YTD	2021 October	2021 YTD	2021 Rate	Cincinnati 5 Year Average Rate (2017-2021)	Ohio 5 Year Average Rate (2015-2019)
<b>Viral Hepatitis</b>	<b>39</b>	<b>351</b>	<b>44</b>	<b>451</b>	<b>183.48</b>	<b>259.20</b>	<b>193.12</b>
Hepatitis B, acute ( <i>also vaccine-preventable</i> )	1	3		5	1.33	2.72	2.80
Hepatitis B, chronic, newly identified ( <i>also vaccine-preventable</i> )	5	59	5	64	27.87	30.72	20.62
Hepatitis C, acute	1	4		4	1.33	3.52	2.68
Hepatitis C, perinatal				1	0.33	0.91	<0.001
Hepatitis C, chronic, newly identified	32	285	39	377	152.62	221.44	167.02
<b>Other Conditions<sup>#</sup></b>	<b>784</b>	<b>28,948</b>	<b>2,157</b>	<b>19,871</b>	<b>10,468.02</b>	<b>8,075.4</b>	<b>2.34</b>
Carbapenemase-Producing Carbapenem-Resistant Enterobacteriaceae (CP-CRE) <sup>^</sup>				9	3.32	1.66	Not Yet Reportable
<i>Candida Auris</i>	10	59	17	53	26.54	5.11	<0.001
COVID-19	767	28,846	2,136	19,763	10,420.25	8,047.6	Not yet Reportable
Coccidioidomycosis		1		2	0.33	0.26	0.20
Creutzfeldt-Jakob Disease					0.64	0.13	0.10
Hemolytic uremic syndrome (HUS)						0.066	<0.001
Meningitis, aseptic	1	7	2	9	3.32	7.56	5.40
Meningitis, bacterial (not <i>N. meningitidis</i> )	2	4		5	1.99	2.72	1.10
Monkeypox	2	11					
Multisystem Inflammatory Syndrome in Children (MIS-C) associated with COVID-19		1		8	3.32	1.06	Not Yet Reportable
<i>Staphylococcal aureus</i> - intermediate resistance to vancomycin (VISA)				1	0.33	0.20	0.10
Streptococcal, Group A, invasive	1	15	2	19	7.63	8.16	4.80
Streptococcal, Group B, newborn	1	4		1	0.33	0.80	-
Toxic Shock Syndrome (TSS)						0.13	<0.001
Typhus Fever				1	0.33	0.066	-
<b>TOTAL CONFIRMED AND PROBABLE CASES</b>	<b>868</b>	<b>29,472</b>	<b>2,213</b>	<b>20,457</b>	<b>10,707.90</b>	<b>8,511.91</b>	<b>299.38</b>
Dermatologic		1			0.66	4.60	
Gastrointestinal		4		1	0.33	4.20	
Respiratory	2	113	2	84	66.70	77.60	
Other		1			0.33	5.00	
<b>Outbreaks (Investigation started or continuing)</b>	<b>2</b>	<b>120</b>	<b>2</b>	<b>85</b>	<b>68.02</b>	<b>87.40</b>	

1) Confirmed and probable cases reported by health care providers and laboratories among residents of the City of Cincinnati by date of event (most frequently, the date of event is the date of illness onset).

2) List includes only reportable conditions for which at least one case was reported in either year; the full list of reportable conditions in Ohio can be found at <https://odh.ohio.gov/wps/portal/gov/odh/know-our-programs/infectious-disease-control-manual>.

3) All data was provided through the Ohio Disease Reporting System – All data is provisional and subject to change.

\*Acquired through international travel

<sup>^</sup>CP-CRE (Carbapenemase-Producing Carbapenem-Resistant Enterobacteriaceae) is a multi-drug resistant condition newly reportable as of March 2018.

<sup>#</sup>Note that sexually-transmitted infections, Human Immunodeficiency Virus (HIV) infections (including AIDS) and Tuberculosis are investigated and reported by Hamilton County Public Health and are not included here.

- Case rates use the 2019 5-year U.S Census estimates and are per 100,000 residents

- Any dash (-) indicates there was no available data at the time this report was published due to either lack of cases in the last 10 years, or age restrictions when calculating rates with population.

