

Monthly Infectious Disease Surveillance Summary, December 2022



<i>Reportable Condition is by Category (For a description of listed conditions, see https://odh.ohio.gov/wps/portal/gov/odh/know-our-programs/infectious-disease-control-manual/section3/idcm-section-3.)</i>	2022 December	2022 YTD	2021 December	2021 YTD	2021 Rate	Cincinnati 5 Year Average Rate (2017-2021)	Ohio 5 Year Average Rate (2015-2019)
Food- or Waterborne	5	75	8	109	37.49	62.31	12.32
Amebiasis		1				0.066	0.10
Brucellosis						0.066	< 0.001
Campylobacteriosis	1	19	3	26	9.29	10.95	18
Cryptosporidiosis		4		5	1.66	3.45	7.50
Cyclosporiasis						1.30	0.50
<i>E. coli</i> , Shiga Toxin-Producing O157:H7	1	8	1	14	4.98	2.99	0.70
Giardiasis		2	1	16	5.64	6.10	3.70
Hepatitis A (also vaccine-preventable)						11.36	6.10
Legionellosis - Legionnaires' Disease		8		10	3.32	5.11	5.90
Listeriosis		1		3	1.33	0.46	0.30
Salmonellosis	2	18	2	23	7.30	11.28	12.70
Shigellosis		11	1	10	3.32	11.01	5.80
Vibriosis (not cholera)		1		1	0.33	0.33	0.30
Yersiniosis	1	2		1	0.33	0.46	0.60
Vectorborne	0	2	0	12	2.65	3.52	0.60
Chikungunya Virus Disease*						0.13	<0.001
Lyme disease		2		5	0.33	1.46	2.30
Malaria*				6	6	1.19	0.50
Spotted Fever Rickettsiosis				1	0.33	0.26	0.30
Ehrlichiosis-Ehrlichia chaffeensis						0.13	0.10
Vaccine-Preventable	74	292	19	55	16.26	111.48	91.00
<i>Hemophilus influenzae</i> , invasive disease	2	13	1	5	1.66	3.32	2.10
Influenza-associated hospitalization	55	218	16	25	6.64	89.19	77.30
Mumps						0.066	0.40
Pertussis						4.81	7.20
<i>S. pneumoniae</i> , invasive (abx susceptible/unknown)	8	37	2	20	6.64	7.70	-
<i>S. pneumoniae</i> , invasive (abx resistant)		7		3	0.64	4.51	-
Varicella (chickenpox)	1	9		2	0.64	2.17	3.90

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<i>Viral Hepatitis</i>	25	405	32	527	183.48	259.20	193.12
Hepatitis B, acute (<i>also vaccine-preventable</i>)		3		5	1.33	2.72	2.80
Hepatitis B, chronic, newly identified (<i>also vaccine-preventable</i>)	6	67	6	77	27.87	30.72	20.62
Hepatitis C, acute		4	1	5	1.33	3.52	2.68
Hepatitis C, perinatal		1		1	0.33	0.91	<0.001
Hepatitis C, chronic, newly identified	19	330	25	439	152.62	221.44	167.02
<i>Other Conditions[#]</i>	1,167	31,247	8,554	30,941	10,468.02	8,075.4	2.34
Carbapenemase-Producing Carbapenem-Resistant Enterobacteriaceae (CP-CRE) [^]			1	10	3.32	1.66	Not Yet Reportable
<i>Candida Auris</i>	5	73	9	79	26.54	5.11	<0.001
COVID-19	1,157	31,119	8,542	30,799	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	2	9		9	3.32	7.56	5.40
Meningitis, bacterial (not <i>N. meningitidis</i>)	1	5		6	1.99	2.72	1.10
Monkeypox		15				Not Yet Reportable	Not Yet Reportable
Multisystem Inflammatory Syndrome in Children (MIS-C) associated with COVID-19		1	2	11	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	2	20		22	7.63	8.16	4.80
Streptococcal, Group B, newborn		4		1	0.33	0.80	-
Toxic Shock Syndrome (TSS)						0.13	<0.001
Typhus Fever				1	0.33	0.066	-
TOTAL CONFIRMED AND PROBABLE CASES	1,271	32,021	8,613	31,644	10,707.90	8,511.91	299.38
Dermatologic		1			0.66	4.60	
Gastrointestinal	1	5	1	2	0.33	4.20	
Respiratory	10	132	28	117	66.70	77.60	
Other	1	2			0.33	5.00	
<i>Outbreaks (Investigation started or continuing)</i>	12	140	29	119	68.02	87.40	

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
[^]CP-CRE (Carbapenemase-Producing Carbapenem-Resistant Enterobacteriaceae) is a multi-drug resistant condition newly reportable as of March 2018.
[#]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.

