miOttawa Department of Public Health

Monthly Reportable Diseases Summary

December 2023

The data in the Monthly Disease Reports are provisional, based on current reports in the Michigan Disease Surveillance System (MDSS) made by local public health departments. The MDSS is a dynamic, continually active system; counts of disease are constantly changing as cases are investigated, confirmed as cases, or ruled out as not meeting the case definition. Each Monthly Disease Report reflects this constant activity as the numbers may slightly fluctuate each month. Therefore, it should be kept in mind that numbers in the Monthly Disease Reports are NOT final and should be used only to generally monitor Ottawa County trends over time. Unknown, suspect, probable and confirmed cases of the reportable condition are included in the report. An updated report is published each month. Specific data requests and questions should be directed to the following:

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> We value your feedback. Please use this QR code or click on the link below to tell us what you think of this report:

> > **Link to Survey**



December 2023

Reportable cond	itions that are italicized have an accompanying graph		-			•				1
			Reported				Total Thro			Year End
Disease Group	Reportable Condition	Sep-23	Oct-23	Nov-23	Dec-23	2020	2021	2022	2023	2022
Foodborne	Amebiasis	-	-	-	-	-	1	-	-	-
	Botulism - Foodborne	-	-	-	-	-	-	-	-	-
	Campylobacter	7	5	7	4	38	58	78	82	78
	Cryptosporidiosis	-	-	3	1	15	12	19	35	19
	Giardiasis	1	-	1	-	13	17	10	5	10
	Listeriosis	-	-	-	-	-	-	-	-	-
	Norovirus ***	-	-	-	-	108	36	13	142	13
	Salmonellosis	5	6	3	1	45	38	45	43	45
	Shiga toxin-producing Escherichia coli (STEC)	2	1	-	1	10	5	31	13	31
	Shigellosis	-	1	-	-	5	2	6	4	6
	Typhoid Fever	-	-	-	-	-	-	-	-	-
	Yersinia enteritis	-	-	1	-	5	2	6	3	6
	Foodborne Subtotal	15	13	15	7	239	171	208	327	208
Influenza	Flu Like Disease * ***	4,424	4,500	5,152	7,481	27,698	20,633	45,611	44,869	45,611
	Influenza	2	2	4	11	6	39	232	70	232
	Influenza, Novel	-	-	-	-	-	-	-	-	_
l	Influenza Subtotal	4,426	4,502	5,156	7,492	27,704	20,672	45,843	44,939	45,843
Meningitis	Meningitis - Aseptic	-	-	-	1	2	2	6	2	6
	Meningitis - Bacterial Other	_	_	_	_	6	4	4	2	4
	Meningococcal Disease	-	_	_	_	-	-	-	-	_
	Streptococcus pneumoniae, Inv	1	1	5	-	8	15	11	20	11
	Meningitis Subtotal	1	1	5	1	16	21	21	24	21
Other	Acute Flaccid Myelitis (AFM)	<u> </u>	<u>'</u>	-		-	-	-	- 24	
Other	Anthrax	-	-	-	-	_	-	-	-	_
	Blastomycosis	-	-	-	-	1	-	-	-	_
			-	-	-	'	-	-	-	-
	Botulism - Infant	-	-	-	-	-	-	-	-	-
	Botulism - Other	-	-	-	-	-	-	-	-	-
	Brucellosis	-	-	-	-	-	-	-	-	_
	CP-CRE/CPO	-	1	-	1	-	2	5	5	5
	Candida auris	-	-	-	-	-	-	-	-	-
	Cholera	-	-	-	-	-	-	-	-	-
	Coccidioidomycosis	-	1	-	-	1	3	2	1	2
	Creutzfeldt-Jakob Disease	-	-	-	-	1	-	-	1	-
	Cryptococcosis	-	-	-	-	-	-	-	-	-
	Cyclosporiasis	-	1	-	-	-	-	-	3	-
	Encephalitis, Post Chickenpox	-	-	-	-	-	-	-	-	-
	Encephalitis, Post Mumps	-	-	-	-	-	-	-	-	-
	Encephalitis, Post Other	-	-	-	-	1	-	1	-	1
	Encephalitis, Primary	_	_	-	-	-	-	-	-	_
	Guillain-Barre Syndrome	_	_	_	_	2	1	4	2	4
	Hantavirus	_	_	_	_	_	-	_	-	_
	Hantavirus, Other	_	_	_	_	_	_	_	_	_
	Hantavirus, Pulmonary	_	_	_	_	_	_	_	_	
	Hemolytic Uremic Syndrome		_	_	_	1	_	3		3
	Hemorrhagic Fever	-	-	-	-	'	-	3	-	
	•	2	2	-	2	10		-	21	29
	Histoplasmosis		2	1	2	10	22	29		29
	Kawasaki	1	-	-	-	2	-	-	2	-
	Legionellosis	1	-	1	-	7	8	6	6	6
	Leprosy	-	-	-	-	-	-	-	-	-
	Melioidosis	-	-	-	-	-	-	-	-	-
	Mpox ***	-	-	-	-	-	-	7	-	7
	Multisystem Inflammatory Syndrome **	-	-	-	-	4	4	5	-	5
	Novel Coronavirus COVID-19 °°	609	356	857	1,250	21,938	44,772	35,391	6,316	35,391
	Plague	-	-	-	-	-	-	-	-	-
	Psittacosis	-	-	-	-	-	-	-	-	-
	Q Fever Acute	-	-	-	-	-	-	-	-	-
	Q Fever Chronic	-	-	-	-	-	-	-	-	-
	Rabies Animal	-	-	-	-	-	3	3	-	3
	Rabies Human	_	-	-	-	-	-	-	-	_
	Reye Syndrome	-	-	-	-	-	-	-	-	_
	Rheumatic Fever	_	_	_	_	_	_	_	-	_
	Rubella - Congenital		_	_	_	l _	_	-	-	_
	Streptococcus pneumoniae, Drug Resistant		_	_	3	5	_	2	8	2
	Streptococcal Dis, Inv, Grp A	1	1	-	3	13	3	7	15	7
		'	1	-	3	13	3	1	15	1
	Streptococcal Toxic Shock	-	-	-	-	1 -	-			
	Toxic Shock	-	-	-	-	-	-	1	-	1
	Trachoma	-	-	-	-	-	-	-	-	-
	Trichinosis	-	-	-	-		-	-	•	-

Reportable cond	tions that are italicized have an accompanying graph at		-							
							Total Thro	Year End		
Disease Group	Reportable Condition	Sep-23	Oct-23	Nov-23	Dec-23	2020	2021	2022	2023	2022
Other	Tularemia	-	-	-	-	-	-	-	-	-
	Vibriosis - Non Cholera	-	-	-	-	-	2	2	1	2
	VISA	-	-	-	-	-	-	-	-	-
	VRSA	-	-	-	-	-	-	-	-	-
	Other Subtotal	614	362	859	1,259	21,986	44,820	35,469	6,383	35,469
STD	Chancroid	-	-	-	-	-	-	-	-	-
	Chlamydia (Genital)	60	61	66	73	807	1,010	770	724	770
	Gonorrhea	15	21	8	13	203	259	152	169	152
	Granuloma Inguinale	-	-	-	-	-	-	-	-	-
	Lymphogranuloma venereum	-	-	-	-	-	-	-	-	-
	Syphilis - Congenital		-	-	-	1	1	-	-	-
	Syphilis - Primary, Secondary & Early Latent	1	-	3	1	18	14	11	15	11
	All Syphilis	2	1	3	3	24	27	23	27	23
	STD Subtotal	77	83	77	89	1,034	1,296	945	920	945
Tuberculosis	Latent Tuberculosis Infection	8	8	6	4	24	62	60	93	60
	Nontuberculous Mycobacterium	-	-	-	2	16	12	22	11	22
	Tuberculosis	-	-	-	-	1	1	1	3	1
	Tuberculosis Subtotal	8	8	6	6	41	75	83	107	83
VPD	Chickenpox (Varicella)	6	-	2	1	14	22	8	22	8
	Diphtheria	-	-	-	-	-	-	_	-	_
	H. influenzae Disease - Inv. I	-	-	1	-	4	4	7	3	7
	Measles	-	-	-	-		-	-	-	-
	Mumps	-	1	1	-	1	-	-	2	-
	Pertussis	-	-	-	1	5	-	1	1	1
	Polio	-	-	-	-	-	-	-	-	-
	Rubella		-	-	-	-	-	-	-	-
	Shingles	5	10	6	3	9	15	41	56	41
	Tetanus	-	-	-	-		-	-	-	-
	VZ Infection, Unspecified	-	-	-	1	17	4	1	2	1
	VPD Subtotal	11	11	10	6	50	45	58	86	58
Vectorborne	Babesiosis	-	-	-	-	-	-	-	-	-
	Chikungunya Dengue Fever	_	1	-	-	_	-	-	2	-
	Ehrlichiosis				-		1			_
	Encephalitis, California Serogroup		_	_	_	1		_	_	_
	Encephalitis, Eastern Equine		-	_	-	'_			-	_
	Encephalitis, Powassan		-	_	-				-	_
	Encephalitis, St. Louis	_	_	_	_	_	_	_	_	_
	Encephalitis, Western Equine		-	-	-	_	-	-	-	_
	Lyme Disease	5	1	3	-	10	29	25	59	25
	Malaria	_	-	-	-	_	-	1	1	1
	Rickettsial Disease - Spotted Fever	_	_	_	_	1	_	1	-	1
	Rickettsial Disease - Typhus	_	_	_	_	_	_	-	_	<u>.</u>
	West Nile Virus	_	_	_	_	_	_	_	2	_
	Yellow Fever	_	_	_	_	_	_	_	-	_
	Zika	_	_	_	_	_	_	_	_	_
	Vectorborne Subtotal	5	2	3	_	12	30	27	64	27
Viral Hepatitis	Hepatitis A	-	-	-	_	-	1	-	-	-
,	Hepatitis B, Acute	-	-	-	-	-	-	-	-	-
	Hepatitis B, Chronic	1	_	_	_	7	10	10	13	10
	Hepatitis B, Perinatal	:	_	_	_	_	-	-	-	-
	Hepatitis C, Acute	_	_	_	_	5	_	_	_	_
	Hepatitis C, Chronic	3	2	_	1	31	33	36	23	36
	Hepatitis C, Perinatal		-	-	-	-	-	1	-	1
	Hepatitis C, Unknown*	1 -	-	-	-	_	-	-	-	-
	Hepatitis D	1 -	-	-	-]	-	1	-	1
	Viral Hepatitis Subtotal	4	2	-	1	43	44	48	36	48
	Total	5,161	4,984	6,131	8,861	51,125	67,174	82,702	52,886	82,702
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^{*} Indicates disease no longer reported into the MDSS on an individual cases basis.

^{**} Data for cases reported is based on date of symptom onset, if available, or date of referral to the public health department.

^{****} The Ottawa County Department Of Public Health began reporting aggregate counts of these diseases to the MDSS in 2015.

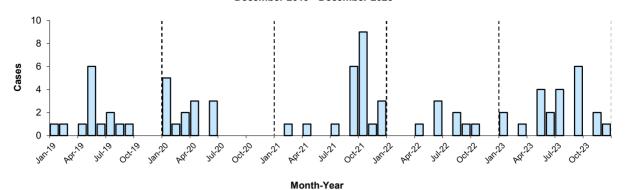
[†] All serotypes of invasive H. influenzae (Hi) disease are included, though only H. influenzae serotype b disease (Hib) is vaccine-preventable.

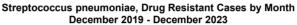
 $^{^{\}circ}$ Indicates a change in the case definition for 2020, which may affect the number of confirmed and probable cases.

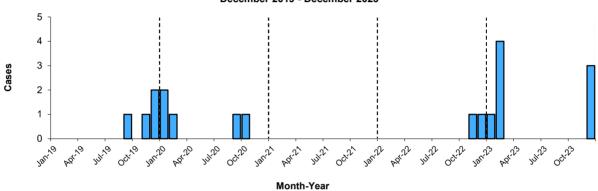
[&]quot;Indicates disease first reported in MDSS in 2020.

^{***} Indicates disease first reported in MDSS in 2022.

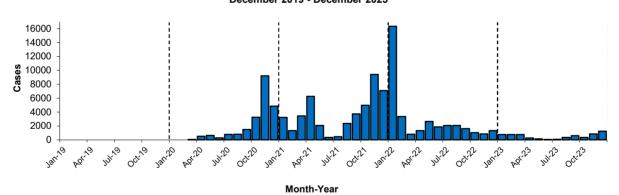
Chickenpox (Varicella) Cases by Month December 2019 - December 2023

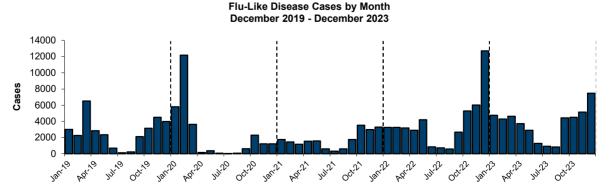






Novel Coronavirus (COVID-19) Cases by Month December 2019 - December 2023





Month-Year