



miOttawa Department of Public Health

Monthly Reportable Diseases Summary

December 2019

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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[Link to Survey](#)



December 2019

Reportable conditions that are *italicized* have an accompanying graph at the end of the monthly section.

Disease Group	Reportable Condition	Cases Reported in Last 4 Months**				Year Total Through December				Year End
		Sep-19	Oct-19	Nov-19	Dec-19	2016	2017	2018	2019	2018
Foodborne	Amebiasis	-	-	-	-	-	-	1	-	1
	Botulism - Foodborne	-	-	-	-	-	-	-	-	-
	Campylobacter	5	5	1	-	70	66	61	52	61
	Cryptosporidiosis	2	1	1	-	17	19	24	21	24
	Giardiasis	1	-	-	-	28	17	15	10	15
	Listeriosis	-	-	-	-	-	-	-	3	-
	Norovirus***	-	-	-	-	1	70	88	220	88
	Salmonellosis	1	2	-	1	26	43	38	29	38
	Shiga toxin-producing Escherichia coli (STEC)	-	-	1	-	8	8	13	15	15
	Shigellosis	1	1	3	-	5	23	8	16	8
	Typhoid Fever	-	-	-	-	-	-	-	1	-
	Yersinia enterocolitica	-	-	-	-	1	1	2	-	2
	Foodborne Subtotal		10	9	6	1	158	248	251	368
Influenza	<i>Flu Like Disease* ***</i>	2,109	3,141	4,503	3,993	28,995	29,137	32,555	31,762	35,954
	Influenza	-	-	-	-	3	2	4	1	4
	Influenza, Novel	-	-	-	-	-	-	-	-	-
	Influenza Subtotal	2,109	3,141	4,503	3,993	31,672	32,926	35,958	31,763	35,958
Meningitis	Meningitis - Aseptic	3	2	-	-	21	15	7	9	7
	<i>Meningitis - Bacterial Other</i>	-	-	-	1	6	1	5	3	5
	Meningococcal Disease	-	-	-	-	1	-	-	-	-
	Streptococcus pneumoniae, Inv	1	1	2	-	12	16	10	8	10
	Meningitis Subtotal	4	3	2	1	40	32	22	20	22
Other	Acute Flaccid Myelitis (AFM)	-	-	-	-	-	-	1	-	1
	Anthrax	-	-	-	-	-	-	-	-	-
	Blastomycosis	-	-	-	-	1	-	-	-	-
	Botulism - Infant	-	-	-	-	-	-	-	-	-
	Botulism - Other	-	-	-	-	-	-	-	-	-
	Brucellosis	-	-	-	-	-	-	-	1	-
	CP-CRE ^	-	-	-	-	-	-	2	2	2
	Candida auris ^	-	-	-	-	-	-	-	-	-
	Cholera (combined)	-	-	-	-	-	-	-	-	-
	Coccidioidomycosis	-	-	-	-	1	2	2	4	2
	Creutzfeldt-Jakob Disease	-	-	-	-	1	-	-	-	-
	Cryptococcosis	-	-	-	-	-	-	1	-	1
	Cyclosporiasis	-	-	-	-	-	-	-	1	-
	Encephalitis, Post Chickenpox	-	-	-	-	-	-	-	-	-
	Encephalitis, Post Mumps	-	-	-	-	-	-	-	-	-
	Encephalitis, Post Other	-	-	-	-	1	-	-	-	-
	Encephalitis, Primary	-	-	-	-	-	-	-	-	-
	Guillain-Barre Syndrome	-	-	-	-	1	2	-	-	-
	Hantavirus	-	-	-	-	-	-	-	-	-
	Hantavirus, Other	-	-	-	-	-	-	-	-	-
	Hantavirus, Pulmonary	-	-	-	-	-	-	-	-	-
	Hemolytic Uremic Syndrome (combined)	-	-	1	-	-	-	2	1	2
	Hemorrhagic Fever	-	-	-	-	-	-	-	-	-
	Histoplasmosis	4	1	3	1	5	11	10	18	10
	Kawasaki	-	-	-	-	-	1	1	-	1
	Legionellosis	2	-	-	-	4	-	11	8	11
	Leprosy	-	-	-	-	-	-	-	-	-
	Leptospirosis	-	-	-	-	-	-	-	-	-
	Melioidosis	-	-	-	-	-	-	-	-	-
	Novel Coronavirus ⁰	-	-	-	-	-	-	-	-	-
	Plague	-	-	-	-	-	-	-	-	-
	Psittacosis	-	-	-	-	-	-	-	-	-
	Q Fever Acute	-	-	-	-	1	-	1	-	1
	Q Fever Chronic	-	-	-	-	-	-	-	-	-
	Rabies Animal	-	-	-	-	1	-	-	1	-
	Rabies Human	-	-	-	-	-	-	-	-	-
	Reye Syndrome	-	-	-	-	-	-	-	-	-
	Rheumatic Fever	-	-	-	-	-	-	-	-	-
	Rubella - Congenital	-	-	-	-	-	-	-	-	-
	Streptococcus pneumoniae, Drug Resistant	1	-	1	-	1	4	4	2	4
	Streptococcal Dis, Inv, Grp A	-	3	2	-	14	17	8	11	8
Streptococcal Toxic Shock	-	-	-	-	1	-	-	-	-	
Toxic Shock	-	-	-	-	-	-	-	-	-	
Trachoma	-	-	-	-	-	-	-	-	-	
Trichinosis	-	-	-	-	-	-	-	-	-	
Other	Tularemia	-	-	-	-	-	-	-	-	-
	Vibriosis - Non Cholera (combined)	1	-	-	-	-	2	-	3	-
	VISA	-	-	-	-	-	-	2	-	2

Reportable conditions that are *italicized* have an accompanying graph at the end of the monthly section.

Disease Group	Reportable Condition	Cases Reported in Last 4 Months**				Year Total Through December				Year End
		Sep-19	Oct-19	Nov-19	Dec-19	2016	2017	2018	2019	2018
	VRSA	-	-	-	-	-	-	-	-	-
	Other Subtotal	8	4	7	1	32	39	45	52	45
STD	Chancroid	-	-	-	-	-	-	-	-	-
	Chlamydia (Genital)	61	79	80	14	855	973	926	758	926
	Gonorrhea	10	25	22	4	115	134	183	154	183
	Granuloma Inguinale	-	-	-	-	-	-	-	-	-
	Lymphogranuloma venereum	-	-	-	-	-	-	-	-	-
	Syphilis - Primary, Secondary & Early Latent	-	-	1	-	8	5	6	6	6
	All Syphilis	-	1	2	-	13	6	12	12	12
	STD Subtotal	71	105	104	18	983	1,113	1,121	924	1,121
Tuberculosis	Latent Tuberculosis Infection ^	5	4	3	1	-	2	66	40	66
	Nontuberculous Mycobacterium ^	1	-	-	1	1	4	11	11	11
	Tuberculosis	-	1	-	2	-	3	7	4	7
	Tuberculosis Subtotal	6	5	3	4	1	9	84	55	84
VPD	Chickenpox (Varicella)	1	-	-	-	26	14	27	14	27
	Diphtheria	-	-	-	-	-	-	-	-	-
	<i>H. influenzae Disease - Inv.</i> †	-	3	-	1	3	3	3	9	3
	Measles	-	-	-	-	-	-	-	-	-
	Mumps	-	-	-	-	1	4	1	-	1
	<i>Pertussis</i>	1	-	-	-	6	32	19	18	19
	Polio	-	-	-	-	-	-	-	-	-
	Rubella	-	-	-	-	-	-	-	-	-
	Shingles	-	2	1	-	20	34	26	19	26
	Tetanus	-	-	-	-	-	-	-	-	-
	VZ Infection, Unspecified	2	1	-	-	-	-	-	4	-
	VPD Subtotal	4	6	1	1	56	87	76	64	76
Vectorborne	Babesiosis	-	-	-	-	-	-	-	-	-
	Chikungunya	-	-	-	-	-	1	-	-	-
	Dengue Fever	-	1	-	-	-	-	-	1	-
	Ehrlichiosis (combined)	-	-	-	-	-	1	2	1	2
	Encephalitis, California	-	-	-	-	-	-	-	-	-
	Encephalitis, Eastern Equine	-	-	-	-	-	-	-	-	-
	Encephalitis, Powassan	-	-	-	-	-	-	-	-	-
	Encephalitis, St. Louis	-	-	-	-	-	-	-	-	-
	Encephalitis, Western Equine	-	-	-	-	-	-	-	-	-
	Lyme Disease	3	1	-	3	11	14	9	31	9
	Malaria	-	-	-	-	4	-	-	-	-
	Rickettsial Disease - Spotted Fever	-	-	-	-	-	-	-	-	-
	Rickettsial Disease - Typhus	-	-	-	-	1	-	-	-	-
	West Nile Virus	-	-	-	-	-	-	2	-	2
	Yellow Fever	-	-	-	-	-	-	-	-	-
	Zika °	-	-	-	-	10	1	-	-	-
	Vectorborne Subtotal	3	2	-	3	26	17	13	33	13
Viral Hepatitis	Hepatitis A	-	-	-	-	-	2	-	1	-
	<i>Hepatitis B, Acute</i>	-	-	-	1	2	-	2	1	2
	Hepatitis B, Chronic	1	1	1	-	22	19	23	18	23
	Hepatitis B, Perinatal	-	-	-	-	-	-	-	-	-
	Hepatitis C, Acute ~	-	-	1	2	2	2	1	3	1
	Hepatitis C, Chronic ~	5	5	8	2	113	129	107	60	107
	Hepatitis C, Perinatal ^	-	-	-	-	-	-	-	-	-
	Hepatitis C, Unknown*	-	-	-	-	-	-	-	-	-
	Hepatitis D	-	1	1	-	-	-	-	2	-
	Hepatitis E	-	-	-	-	-	-	-	1	-
	Hepatitis Non A Non B	-	-	-	-	-	-	-	-	-
	Viral Hepatitis Subtotal	6	7	11	5	139	152	133	86	133
	Total	2,221	3,282	4,637	4,027	33,107	34,623	37,703	33,365	37,703

* 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 outbreak 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.

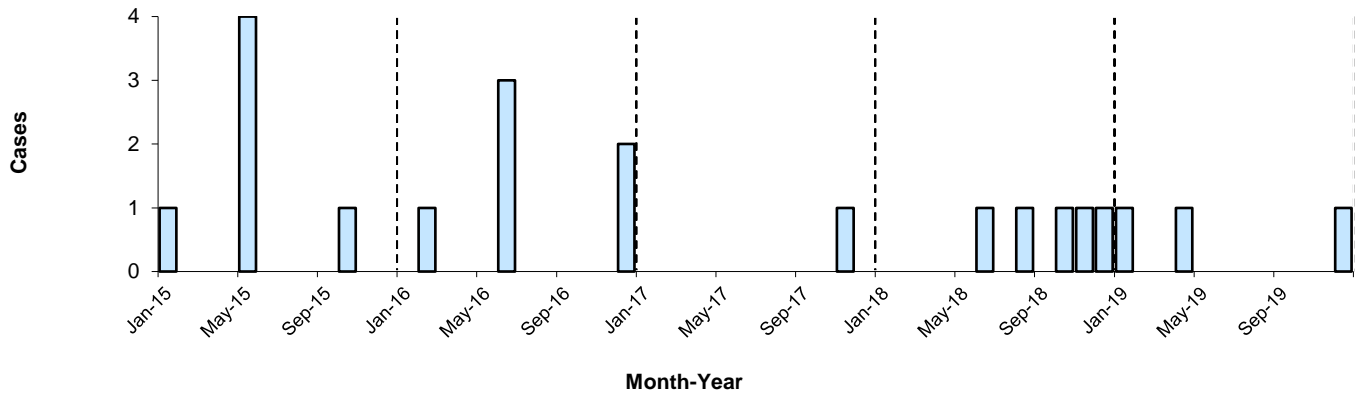
~ Indicates a change in the case definition for 2016, which may increase the number of confirmed and probable cases.

° Indicates disease added to MDSS in 2016.

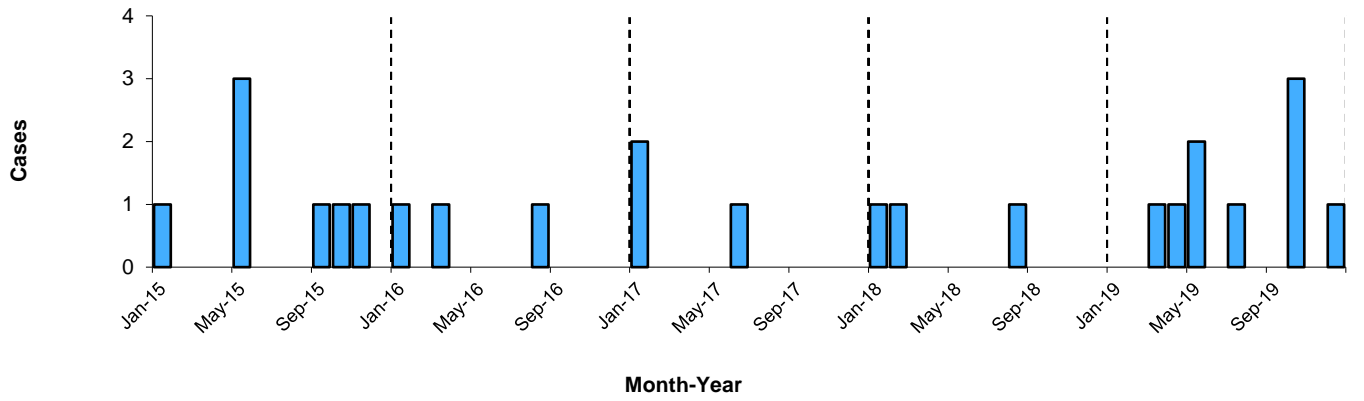
^ Indicates disease added to MDSS in late 2017.

^^ Indicates disease added to MDSS in late 2018.

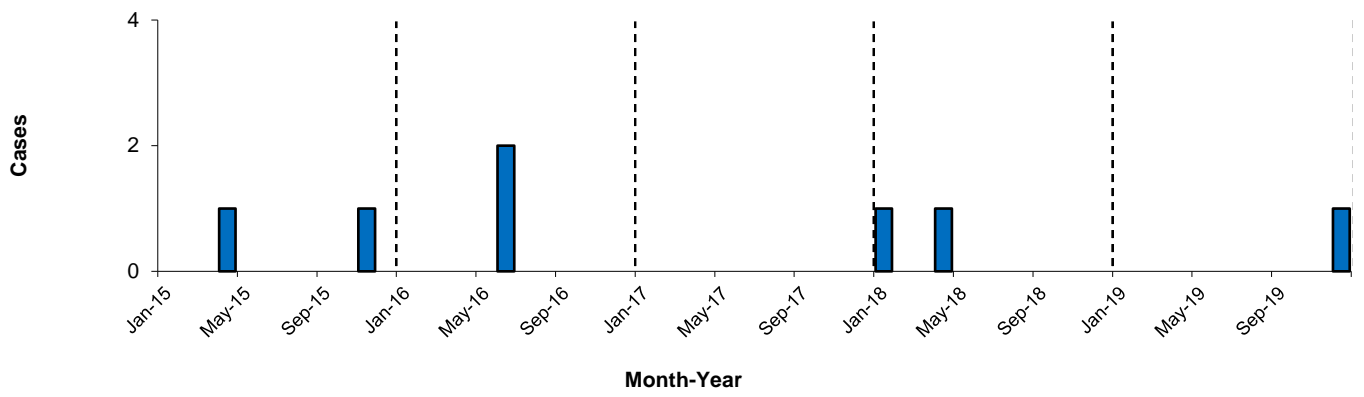
**Meningitis (Bacterial, Other) Cases by Month
January 2015 - December 2019**



**H. influenzae Disease - Invasive Cases by Month
January 2015 - December 2019**



**Hepatitis B, Acute Cases by Month
January 2015 - December 2019**



**Flu-Like Disease by Month
January 2015 - December 2019**

