

**Reported Communicable Diseases of All Reportable Conditions
Muskegon County**

Disease Group	Reportable Condition*	Cases by Quarter, 2023				Total Cases Reported in Each of the 5 Years**				
		Jan-Mar	Apr-June	July-Sept	Oct-Dec	2018	2019	2020	2021	2022
COVID19/MIS										
	Multisystem Inflammatory Syndrome	0	0	0	0	0	0	1	4	1
	Novel Coronavirus COVID-19	1356	591	633	1930	0	0	9947	21981	19559
	Subtotal	1356	591	633	1930	0	0	9948	21985	19560
Carbon Monoxide Poisoning	Carbon Monoxide Poisoning	0	0	0	1	0	0	0	0	0
	Subtotal	0	0	0	1	0	0	0	0	0
Foodborne		0	0	0	0					
	Amebiasis	0	0	0	0	0	0	0	0	0
	Botulism - Foodborne	0	0	0	0	0	0	0	0	0
	Campylobacter	22	20	12	11	18	12	10	46	70
	Cryptosporidiosis	3	6	3	1	17	16	4	7	17
	Escherichia coli O157:H7 (Pre-2011)	0	0	0	0	0	0	0	0	0
	Giardiasis	2	1	0	2	5	11	3	9	4
	Listeriosis	0	0	0	0	0	0	0	0	1
	Listeriosis (2014-2017)	0	0	0	0	0	0	0	0	0
	Listeriosis (Pre-2014)	0	0	0	0	0	0	0	0	0
	Norovirus	1	0	0	0	4	0	3	3	2
	Paratyphoid Fever	0	0	0	0	0	0	0	0	0
	Salmonellosis	4	9	5	1	11	20	13	15	22
	Shiga toxin, E. Coli, Non O157 (Pre-2011)	0	0	0	0	0	0	0	0	0
	Shiga toxin-producing Escherichia coli: Pre-2019	0	0	0	0	2	1	0	0	0
	Shiga toxin-producing Escherichia coli --(STEC)	1	3	0	1	0	1	3	4	6
	Shigellosis	1	0	0	0	1	0	0	5	2
	Typhoid Fever	0	0	0	0	0	0	0	0	1
	Yersinia enterocolitica	0	0	2	1	4	1	0	1	0
	Subtotal	34	39	22	17	62	62	36	90	125
Influenza										
	Flu Like Disease	281	21	0	177	6310	9925	42	22	3446
	Influenza	22	4	0	3	3	0	10	6	561
	Respiratory Syncytial Virus (Pediatric Mortality <5)***	0	0	0	0	0	0	0	0	0
	Subtotal	303	25	0	180	6313	9925	52	28	4007
Meningitis										
	Meningitis - Aseptic	2	1	1	0	11	8	1	2	1
	Meningitis - Bacterial Other	1	0	0	0	4	2	1	3	3
	Meningococcal Disease	0	0	0	0	0	0	1	0	0
	Streptococcus pneumoniae, Inv	13	5	3	10	10	14	12	12	25
	Subtotal	16	6	4	10	25	24	15	17	29
Other										
	Acute Flaccid Myelitis (AFM)	0	0	0	0	0	0	0	0	0
	Anthrax	0	0	0	0	0	0	0	0	0
	Blastomycosis	0	0	0	0	0	3	2	0	1

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	Rabies Human	0	0	0	0	0	0	0	0	0
	Reye Syndrome	0	0	0	0	0	0	0	0	0
	Rheumatic Fever	0	0	0	0	0	0	0	0	0
	Rubella - Congenital	0	0	0	0	0	0	0	0	0
	Staphylococcus Aureus Infect.	0	0	0	0	0	0	0	1	0
	Strep Throat	0	0	0	0	0	0	0	0	0
	Streptococcal Dis, Inv, Grp A	4	3	3	4	14	10	6	10	8
	Streptococcal Toxic Shock	2	1	0	0	0	0	0	0	0
	Streptococcus pneumoniae, Drug Resistant	1	0	0	0	0	2	0	1	2
	Toxic Shock	0	0	0	0	0	0	0	0	0
	Trachoma	0	0	0	0	0	0	0	0	0
	Trichinosis	0	0	0	0	0	0	0	0	0
	Tularemia	0	0	0	0	0	0	0	0	0
	Unusual Outbreak or Occurrence	0	1	0	2	0	3	5	1	1
	VISA	0	0	0	0	0	1	0	0	0
	VRSA	0	0	0	0	0	0	0	0	0
	Vibriosis - Non Cholera	0	0	0	0	0	0	0	1	0
	Vibriosis - Non Cholera (Pre-2019)	0	0	0	0	0	0	0	0	0
	Subtotal	11	9	6	7	92	200	37	40	49
Rabies										
	Rabies Animal	0	0	0	0	3	0	4	0	0
	Rabies: Potential Exposure & PEP	85	90	80	58	408	357	111	229	263
	Subtotal	85	90	80	58	411	357	115	229	263
STD										
	Chancroid	0	0	0	0	0	0	0	0	0
	Chlamydia (Genital)	290	285	372	318	1317	1333	1340	1370	1252
	Gonorrhea	147	131	171	176	607	574	688	775	524
	Granuloma Inguinale	0	0	0	0	0	0	0	0	0
	Lymphogranuloma venereum	0	0	0	0	0	0	0	0	0
	Syphilis - Congenital	0	0	0	0	0	0	0	1	0
	Syphilis - Early Latent	3	3	2	2	9	1	6	3	22
	Syphilis - Late Latent	0	0	0	0	0	0	0	0	0
	Syphilis - Late with Manifestations	0	0	0	0	0	0	0	0	0
	Syphilis - Latent of Unknown Duration	0	0	0	0	0	0	0	0	0
	Syphilis - Primary	1	2	1	1	0	1	2	4	8
	Syphilis - Secondary	5	2	0	3	0	0	1	1	10
	Syphilis - To Be Determined	0	1	0	1	0	5	1	0	0
	Syphilis - Unknown Duration or Late	4	4	2	5	9	12	2	11	17
	Subtotal	450	428	548	506	1942	1926	2040	2165	1833
Tuberculosis										
	Latent Tuberculosis Infection	6	9	14	11	36	27	8	16	14

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	Encephalitis, St. Louis (Pre-2020)	0	0	0	0	0	0	0	0	0
	Encephalitis, Western Equine	0	0	0	0	0	0	0	0	0
	Encephalitis, Western Equine (Pre-2020)	0	0	0	0	0	0	0	0	0
	Lyme Disease	0	8	18	2	3	9	8	24	14
	Malaria	0	0	0	0	0	0	0	0	0
	Rickettsial Disease - Spotted Fever	0	0	0	0	0	0	0	0	0
	Rickettsial Disease - Spotted Fever (Pre-2020)	0	0	0	0	2	0	0	0	0
	Rickettsial Disease - Typhus	0	0	0	0	0	0	0	0	0
	West Nile Virus	0	0	0	0	0	0	0	1	0
	West Nile Virus (Pre-2020)	0	0	0	0	0	0	0	0	0
	Yellow Fever	0	0	0	0	0	0	0	0	0
	Yellow Fever (Pre-2020)	0	0	0	0	0	0	0	0	0
	Zika	0	0	0	0	0	0	0	0	0
	Zika (Pre-2020)*	0	0	0	0	0	0	0	0	0
	Subtotal	0	8	19	2	5	9	10	25	14
Viral Hepatitis										
	Hepatitis A	0	0	1	1	2	3	0	0	0
	Hepatitis B, Acute	0	0	0	0	1	3	0	1	0
	Hepatitis B, Chronic	2	5	3	4	6	9	12	5	11
	Hepatitis B, Perinatal	0	0	0	0	0	0	0	0	0
	Hepatitis C, Acute	1	0	0	0	9	10	0	1	0
	Hepatitis C, Chronic	10	11	15	21	190	109	56	90	62
	Hepatitis C, Perinatal	1	0	0	0	0	0	1	0	0
	Hepatitis C, Unknown	0	0	0	0	0	0	0	0	0
	Hepatitis D	0	0	0	0	0	0	0	0	0
	Hepatitis E	1	0	0	0	0	0	0	0	0
	Hepatitis Non A Non B	0	0	0	0	0	0	0	0	0
	Subtotal	15	16	19	26	208	134	69	97	73
	Total	2,289	1,235	1,360	2,762	9,153	12,718	12,355	24,718	26,017

*Case status includes confirmed, probable, & suspect cases.

**Disease counts are subject to change after cases are finalized.

***New in 2024

Michigan Disease Surveillance System (MDSS) As of 01/09/2024. <https://mdss.state.mi.us/mdss/MenuItem.do?dest=/Report4>