



# **Weekly Disease Report For The Week Ending December 31<sup>st</sup>, 2022 (MMWR Week 52)**

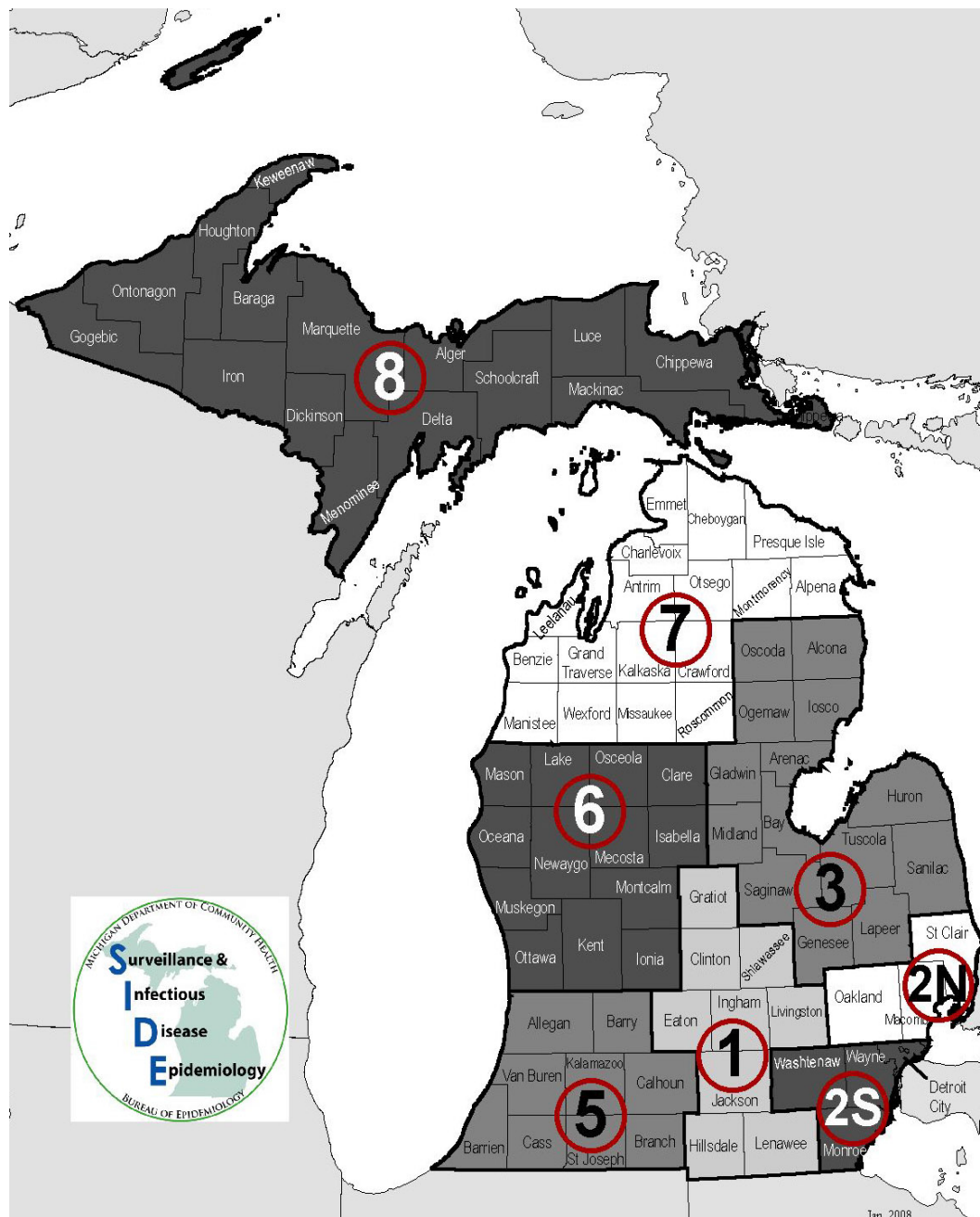
The Michigan Disease Surveillance System (MDSS) has revolutionized communicable disease reporting in Michigan; and subsequently, has transformed the Weekly Disease Report. The advent of the MDSS allows immediate communication among disease reporting authorities, local health departments, and the Michigan Department of Health and Human Services (MDHHS) regarding investigations into possible cases of communicable disease. Information on these possible cases is available in MDSS regardless of whether they are suspected, probable, or confirmed cases of disease.

The data in the Weekly Disease Report are provisional, based on current reports to MDHHS by local 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. The Weekly Disease Report reflects this constant activity as the numbers slightly fluctuate each week. Therefore, it should be kept in mind that numbers in the Weekly Disease Report are NOT final and should be used only to generally monitor trends over time. Please contact your local health department for definitive numbers to be used for research or reporting purposes. To find your local health department, please visit <http://www.malph.org>

## Clarification of terms used in the Weekly Disease Report:

**MMWR Week:** This week (established by the Centers for Disease Control and Prevention) runs from Sunday to Saturday and is assigned a sequentially increasing number from the first week containing a Wednesday in January. For example: 38-2010 is the 38<sup>th</sup> week in 2010 and corresponds to the week ending September 25, 2010.

**Region:** Michigan is divided into 8 Emergency Preparedness Regions. To determine which counties belong in which regions, please see below.



Questions regarding the content of the Weekly Disease Report should be referred to the Surveillance and Infectious Disease Epidemiology Section at 517-335-8165.

## Reported Cases of All Reportable Conditions Michigan Disease Surveillance System

Disease Group	Reportable Condition	Cases Reported In The Last 4 Weeks**				Total Cases Reported In Each Of The Last 5 Years***				
		49-2022	50-2022	51-2022	52-2022	2018	2019	2020	2021	2022
COVID19/MIS										
	Multisystem Inflammatory Syndrome	0	0	0	1	0	0	80	175	76
	<b>Subtotal</b>	0	0	0	1	0	0	80	175	76
Foodborne										
	Amebiasis	0	1	0	0	2	9	7	6	12
	Botulism - Foodborne	0	0	0	0	0	0	0	1	0
	Campylobacter	23	16	17	19	1,705	1,705	1,221	1,517	1,477
	Cryptosporidiosis	2	3	4	1	383	419	246	249	323
	Giardiasis	3	2	4	3	464	428	379	437	384
	Listeriosis	0	0	0	0	19	29	29	36	36
	Listeriosis (2014-2017)*	0	0	0	0	4	1	0	0	0
	Norovirus	3	0	3	2	1,011	1,481	583	588	1,393
	Paratyphoid Fever	0	0	0	0	1	4	4	1	3
	Salmonellosis	10	9	7	2	1,163	1,077	905	872	848
	Shiga toxin-producing Escherichia coli --(STEC)	4	4	2	1	0	285	212	269	417
	Shigellosis	1	7	1	2	209	219	152	171	219
	Typhoid Fever	1	1	0	0	6	10	1	4	12
	Yersinia enterocolitica	6	3	4	5	82	76	81	89	199
<b>Subtotal</b>	53	46	42	35	5,049	5,743	3,820	4,240	5,323	
Influenza										
	Flu Like Disease*	14,412	19,149	7,711	2,273	379,206	347,997	204,963	86,081	213,091
	Influenza	2,807	4,298	6,225	5,656	45,465	30,413	31,330	2,998	50,143
	Influenza, Novel	0	0	0	0	3	1	0	0	4
	Respiratory Syncytial Virus	62	40	44	22	0	0	0	45	1,150
	<b>Subtotal</b>	17,281	23,487	13,980	7,951	424,674	378,411	236,293	89,124	264,388
Meningitis										
	Cronobacter (infant)	0	0	0	0	0	0	0	0	0
	Meningitis - Aseptic	6	3	3	3	827	458	260	261	300
	Meningitis - Bacterial Other	2	7	4	5	149	121	103	126	153
	Meningococcal Disease	0	0	0	0	4	8	3	5	5
Streptococcus pneumoniae, Inv	25	18	30	29	791	938	529	522	793	

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		49-2022	50-2022	51-2022	52-2022	2018	2019	2020	2021	2022
	<b>Subtotal</b>	33	28	37	37	1,771	1,525	895	914	1,251
Other										
	Acute Flaccid Myelitis (AFM)	0	0	0	0	6	3	4	1	2
	Anthrax	0	0	0	0	0	0	0	0	0
	Blastomycosis	3	2	1	2	20	26	24	24	73
	Botulism - Infant	0	0	0	0	1	0	2	0	1
	Botulism - Other	0	0	0	0	2	0	1	2	4
	Brucellosis	1	0	0	0	4	1	4	2	11
	CP-CRE	19	20	20	16	0	19	267	406	622
	Candida auris	10	6	11	3	0	0	0	3	132
	Cholera	0	0	0	0	0	2	1	0	1
	Coccidioidomycosis	3	4	1	2	40	51	54	75	90
	Creutzfeldt-Jakob Disease	1	0	0	0	12	15	10	15	20
	Cryptococcosis	0	1	1	0	15	18	24	25	26
	Cyclosporiasis	0	0	0	0	0	1	25	51	65
	Encephalitis, Post Chickenpox	0	0	0	0	1	1	0	0	2
	Encephalitis, Post Mumps	0	0	0	0	0	0	0	0	0
	Encephalitis, Post Other	0	0	2	0	10	14	10	16	18
	Encephalitis, Primary	0	1	0	0	18	14	16	11	8
	Gastrointestinal Illness	4,695	5,848	1,307	236	154,968	138,801	61,476	45,986	97,006
	Guillain-Barre Syndrome	2	3	1	1	48	63	50	60	75
	Hantavirus	0	0	0	0	0	0	0	0	0
	Hantavirus, Other	0	0	0	0	0	0	0	0	0
	Hantavirus, Pulmonary	0	0	0	0	0	0	0	1	0
	Hemolytic Uremic Syndrome	0	0	0	0	0	8	5	3	17
	Hemorrhagic Fever	0	0	0	0	0	0	0	0	0
	Histoplasmosis	8	4	11	7	172	236	199	268	386
	Kawasaki	1	2	0	1	35	55	63	44	61
	Legionellosis	6	2	4	1	643	561	385	582	374
	Leprosy	0	0	0	0	1	0	0	1	2
	Leptospirosis	0	0	0	0	1	3	3	1	4

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		49-2022	50-2022	51-2022	52-2022	2018	2019	2020	2021	2022
	Melioidosis+	0	0	0	0	0	0	0	0	0
	Monkeypox	4	3	1	2	0	0	0	0	475
	Novel Coronavirus SARS/MERS	0	0	0	0	1	0	0	0	0
	Plague	0	0	0	0	0	0	0	0	0
	Psittacosis	0	0	0	0	4	0	2	2	6
	Q Fever Acute	0	1	0	0	4	5	4	4	2
	Q Fever Chronic	0	0	0	0	1	0	1	0	1
	Q Fever*	1	0	1	0	3	2	2	3	10
	Rabies Human	0	0	0	0	0	0	0	0	1
	Reye Syndrome	0	0	0	0	0	0	0	0	0
	Rheumatic Fever	0	0	0	0	0	0	0	0	2
	Rubella - Congenital	0	0	0	1	0	0	0	0	4
	Streptococcal Dis, Inv, Grp A	15	17	18	18	428	449	340	260	393
	Streptococcal Toxic Shock	0	0	0	0	5	5	4	2	4
	Streptococcus pneumoniae, Drug Resistant	0	1	1	0	96	80	32	40	47
	Toxic Shock	0	0	0	0	4	7	3	5	2
	Trachoma	0	0	0	0	0	0	2	1	0
	Trichinosis	0	0	0	0	0	0	0	0	0
	Tularemia	0	0	0	0	2	1	0	1	5
	VISA	1	0	0	0	8	11	0	4	3
	VRSA	0	0	0	0	0	0	0	1	1
	Vibriosis - Non Cholera	1	1	0	0	0	34	27	35	43
	<b>Subtotal</b>	<b>4,771</b>	<b>5,916</b>	<b>1,380</b>	<b>290</b>	<b>156,553</b>	<b>140,486</b>	<b>63,040</b>	<b>47,935</b>	<b>99,999</b>
Rabies										
	Rabies Animal	0	0	1	0	76	58	55	48	60
	Rabies: Potential Exposure & PEP	48	40	51	51	50	5,453	3,649	3,685	3,953
	<b>Subtotal</b>	<b>48</b>	<b>40</b>	<b>52</b>	<b>51</b>	<b>126</b>	<b>5,511</b>	<b>3,704</b>	<b>3,733</b>	<b>4,013</b>
STD										
	Chancroid	0	0	0	0	0	0	0	2	0
	Chlamydia (Genital)	869	818	818	546	51,615	50,421	44,843	45,270	42,913
	Gonorrhea	297	298	289	231	17,046	18,278	23,406	21,926	16,258

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		49-2022	50-2022	51-2022	52-2022	2018	2019	2020	2021	2022
	Granuloma Inguinale	0	0	0	0	0	0	0	0	1
	Lymphogranuloma venereum	0	0	0	0	16	1	8	3	3
	Syphilis - Congenital	1	1	1	2	14	16	29	42	41
	Syphilis - Early Latent	17	14	8	1	412	558	567	735	727
	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	11	2	5	2	228	273	312	356	395
	Syphilis - Secondary	7	6	5	1	426	411	471	622	536
	Syphilis - To Be Determined	17	20	45	44	2	0	0	0	145
	Syphilis - Unknown Duration or Late	15	15	9	3	624	656	667	926	1,030
	<b>Subtotal</b>	1,234	1,174	1,180	830	70,383	70,614	70,303	69,882	62,049
Tuberculosis										
	Latent Tuberculosis Infection	41	39	34	16	1,126	2,054	1,355	1,481	1,878
	Nontuberculous Mycobacterium	21	13	10	14	840	854	685	770	823
	Tuberculosis	7	9	6	6	118	139	99	129	131
	<b>Subtotal</b>	69	61	50	36	2,084	3,047	2,139	2,380	2,832
VPD										
	Chickenpox (Varicella)	6	3	6	6	436	422	185	184	237
	Diphtheria	0	0	0	0	0	0	0	0	0
	H. influenzae Disease - Inv.	1	4	8	9	174	223	100	168	250
	Measles	1	0	1	2	19	46	0	5	10
	Mumps	0	0	1	1	81	29	7	12	35
	Pertussis	2	6	4	2	658	546	116	74	109
	Polio	0	0	0	0	0	0	0	0	0
	Rubella	1	1	1	0	0	0	1	7	21
	Shingles	23	13	5	9	1,252	1,222	817	629	740
	Tetanus	0	0	0	0	2	1	0	1	2
VZ Infection, Unspecified	8	4	5	9	213	228	237	385	404	
	<b>Subtotal</b>	42	31	31	38	2,835	2,717	1,463	1,465	1,808
Vectorborne										

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		49-2022	50-2022	51-2022	52-2022	2018	2019	2020	2021	2022
	Babesiosis++	0	2	1	0	5	2	1	8	24
	Chikungunya~	0	0	0	0	0	0	0	1	3
	Dengue Fever	0	0	1	1	0	2	7	5	27
	Ehrlichiosis*	0	0	0	0	0	0	0	0	0
	Ehrlichiosis, Anaplasma phagocytophilum	1	0	0	0	0	2	20	72	82
	Ehrlichiosis, Anaplasma phagocytophilum (2009-	0	0	0	0	17	15	0	0	0
	Ehrlichiosis, Anaplasmosis Undetermined	0	0	0	0	0	0	0	0	1
	Ehrlichiosis, Ehrlichia chaffeensis	0	1	0	0	0	2	5	9	14
	Ehrlichiosis, Ehrlichia chaffeensis (2009-2019)*	0	0	0	0	7	3	0	0	0
	Ehrlichiosis, Ehrlichia ewingii	0	0	0	0	0	0	0	0	0
	Ehrlichiosis, Ehrlichia ewingii (2009-2019)*	0	0	0	0	0	0	0	0	0
	Ehrlichiosis, human granulocytic*	0	0	0	0	0	0	0	0	0
	Ehrlichiosis, human monocytic*	0	0	0	0	0	0	0	0	0
	Ehrlichiosis, human other/undetermined (2009-	0	0	0	0	1	0	0	0	0
	Ehrlichiosis human, other, unsp*	0	0	0	0	0	0	0	0	0
	Encephalitis, California Serogroup	0	0	0	0	0	0	4	9	5
	Encephalitis, Eastern Equine	0	0	0	0	0	0	4	1	0
	Encephalitis, Powassan	0	0	0	0	0	0	0	0	0
	Encephalitis, St. Louis	0	0	0	0	0	0	0	1	0
	Encephalitis, Western Equine	0	0	0	0	0	0	0	0	0
	Lyme Disease	15	10	9	13	309	490	534	1,269	1,266
	Malaria	1	2	1	0	29	26	14	15	44
	Rickettsial Disease - Spotted Fever	0	0	0	0	0	2	48	12	19
	Rickettsial Disease - Typhus	0	0	0	1	0	0	0	0	1
	West Nile Virus	1	1	0	1	0	0	33	59	24
	Yellow Fever	0	0	0	0	0	0	0	0	0
	Zika~~	0	0	1	0	0	0	0	0	1
	<b>Subtotal</b>	<b>18</b>	<b>16</b>	<b>13</b>	<b>16</b>	<b>368</b>	<b>544</b>	<b>670</b>	<b>1,461</b>	<b>1,511</b>
Viral Hepatitis										
	Hepatitis A	1	3	3	7	332	80	23	31	48
	Hepatitis B, Acute	32	35	55	30	80	65	45	35	1,265

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		49-2022	50-2022	51-2022	52-2022	2018	2019	2020	2021	2022
	Hepatitis B, Chronic	28	31	24	12	1,071	1,010	694	640	1,086
	Hepatitis B, Perinatal	0	0	0	0	1	0	0	0	0
	Hepatitis C, Acute	19	24	29	34	175	133	144	128	373
	Hepatitis C, Chronic	87	102	69	55	10,320	5,983	4,342	4,169	4,357
	Hepatitis C, Perinatal	0	0	1	0	11	10	8	9	7
	Hepatitis E	1	0	0	0	9	5	9	12	13
	<b>Subtotal</b>	168	195	181	138	11,999	7,286	5,265	5,024	7,149

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**Complete HIV/AIDS statistics can be found at:** [https://www.michigan.gov/mdhhs/0,5885,7-339-71550\\_2955\\_2982-428731--,00.html](https://www.michigan.gov/mdhhs/0,5885,7-339-71550_2955_2982-428731--,00.html)

**Complete COVID-19 statistics can be found at:** <https://www.michigan.gov/coronavirus/>

\* Indicates disease no longer reported into the MDSS on an individual cases basis.  
 \*\*\* Data for cases reported in the last 5 years is for the entire year except for the current year which is year to date.  
 \*\* Data for cases reported in the last 4 weeks is based on the date the case was referred.





Table of Diseases by Geographic Location																								
Time Period: Week 52-2022																								
Disease	Alcona		Alger		Allegan		Alpena		Antrim		Arenac		Baraga		Barry		Bay		Benzie		Berrien		Branch	
	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD
Guillain-Barre Syndrome	-	-	-	-	1	2	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	1
H. influenzae Disease - Inv.	-	-	-	-	-	-	-	1	-	-	-	-	1	-	13	-	-	-	1	-	4	-	4	-
Hantavirus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hantavirus, Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hantavirus, Pulmonary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hemolytic Uremic Syndrome	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hemorrhagic Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hepatitis A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Hepatitis B, Acute	-	-	-	1	-	1	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	2
Hepatitis B, Chronic	-	-	-	-	-	1	-	-	-	1	-	1	-	1	-	2	-	-	-	-	-	3	-	2
Hepatitis B, Perinatal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hepatitis C, Acute	-	1	-	2	-	2	-	11	-	1	-	-	-	-	1	1	10	1	1	-	2	1	2	-
Hepatitis C, Chronic	-	4	-	3	-	13	-	5	-	8	-	2	-	5	-	17	-	33	-	3	-	35	-	20
Hepatitis C, Perinatal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hepatitis E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Histoplasmosis	-	1	-	-	-	12	-	2	-	1	-	-	-	-	6	-	1	1	4	-	12	-	-	-
Influenza	3	35	-	14	15	162	14	153	19	128	5	46	4	7	9	68	109	809	6	80	10	171	45	248
Influenza, Novel	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-
Kawasaki	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Latent Tuberculosis Infection	-	-	-	-	-	17	-	2	-	-	-	2	-	-	6	-	22	-	-	-	27	-	4	-
Legionellosis	-	-	-	-	-	3	-	-	-	-	-	-	-	-	1	-	6	-	-	-	5	-	-	-
Leprosy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Leptospirosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Listeriosis	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
Listeriosis (2014-2017)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lyme Disease	-	4	-	4	-	33	-	3	-	-	-	1	-	11	1	25	-	3	-	21	1	39	-	2
Lymphogranuloma venereum	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malaria	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Measles	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Melioidosis+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningitis - Aseptic	-	-	-	-	-	4	-	-	-	-	-	1	-	-	2	-	1	-	2	-	3	1	2	-
Meningitis - Bacterial Other	-	-	-	-	-	2	-	-	-	1	-	-	-	-	-	-	-	-	2	-	2	-	1	-
Meningococcal Disease	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Monkeypox	-	-	-	-	-	2	-	-	-	-	-	-	-	-	1	-	2	-	-	-	1	-	-	-
Multisystem Inflammatory Syndrome	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Mumps	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Nontuberculous Mycobacterium	-	-	-	-	-	7	-	6	-	-	1	1	1	1	1	5	-	1	-	3	2	25	-	2
Norovirus	-	-	-	-	-	1	-	1	-	-	-	-	-	-	2	-	36	-	-	-	19	-	1	-
Novel Coronavirus SARS/MERS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Paratyphoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pertussis	-	-	-	1	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Plague	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polio	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Psittacosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q Fever*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q Fever Acute	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q Fever Chronic	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rabies: Potential Exposure & PEP	-	2	-	3	-	22	-	10	-	47	-	40	-	8	-	48	-	30	-	2	-	35	-	14
Rabies Animal	-	1	-	-	-	2	-	-	-	-	-	-	-	-	1	-	1	-	-	-	1	-	-	-
Rabies Human	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Respiratory Syncytial Virus	1	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-

Table of Diseases by Geographic Location																								
Time Period: Week 52-2022																								
Disease	Alcona		Alger		Allegan		Alpena		Antrim		Arenac		Baraga		Barry		Bay		Benzie		Berrien		Branch	
	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD
Reye Syndrome	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rheumatic Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rickettsial Disease - Spotted Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
Rickettsial Disease - Typhus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Rubella - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Salmonellosis	-	1	-	2	-	12	-	3	-	4	-	1	-	1	-	5	-	3	-	-	-	10	-	6
Shiga toxin-producing Escherichia coli --(STEC)	-	-	-	-	-	11	-	-	-	1	-	-	-	-	5	-	2	-	-	-	-	5	-	3
Shigellosis	-	-	-	-	-	3	-	1	-	-	-	-	-	-	1	-	1	-	-	-	-	2	-	-
Shingles	-	-	-	-	-	4	-	1	-	1	-	-	-	1	-	5	-	-	-	-	-	3	-	1
Streptococcal Dis, Inv, Grp A	-	-	-	-	-	-	-	-	-	2	-	1	-	-	1	-	7	-	-	-	-	-	-	1
Streptococcal Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Drug Resistant	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	1	-	-	-	-	12	-	-
Streptococcus pneumoniae, Inv	-	1	-	-	-	13	-	9	-	4	-	-	-	1	-	8	-	11	-	1	2	15	1	5
Syphilis - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Early Latent	-	-	-	-	-	3	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	3	-	1
Syphilis - Late Latent*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Latent of Unknown Duration*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Late with Manifestations*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Primary	-	-	-	-	-	1	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	2
Syphilis - Secondary	-	-	-	-	-	7	-	-	-	-	-	-	-	-	2	-	2	-	-	-	-	2	-	-
Syphilis - To Be Determined	-	-	-	-	-	-	-	-	-	1	-	-	-	1	1	1	-	1	-	-	-	1	-	-
Syphilis - Unknown Duration or Late	-	-	-	-	-	9	-	-	-	-	-	-	-	1	-	2	-	4	-	-	-	12	-	4
Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trachoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichinosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	1	-	-	-	-	-	2	-	-
Tularemia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vibriosis - Non Cholera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
VISA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
VRSA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VZ Infection, Unspecified	-	1	-	-	1	4	-	-	-	-	-	-	-	1	-	-	-	1	-	1	-	-	-	2
West Nile Virus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yellow Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yersinia enteritis	-	-	-	-	-	-	-	-	-	2	-	-	-	-	6	-	1	-	5	-	-	-	-	1
Zika	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>	<b>4</b>	<b>69</b>	<b>0</b>	<b>77</b>	<b>51</b>	<b>11,427</b>	<b>15</b>	<b>278</b>	<b>20</b>	<b>500</b>	<b>6</b>	<b>466</b>	<b>42</b>	<b>305</b>	<b>17</b>	<b>6,455</b>	<b>114</b>	<b>3,126</b>	<b>8</b>	<b>382</b>	<b>24</b>	<b>9,843</b>	<b>126</b>	<b>6,201</b>

Disease counts reported here do NOT represent final numbers and are subject to change after cases are reviewed.



Table of Diseases by Geographic Location																								
Time Period: Week 52-2022																								
Disease	Calhoun		Cass		Charlevoix		Cheboygan		Chippewa		Clare		Clinton		Crawford		Delta		Detroit City		Dickinson		Eaton	
	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD
Guillain-Barre Syndrome	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	1
H. influenzae Disease - Inv.	-	3	-	-	-	3	-	3	-	-	-	2	-	1	-	1	-	2	-	37	-	-	-	4
Hantavirus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hantavirus, Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hantavirus, Pulmonary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hemolytic Uremic Syndrome	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Hemorrhagic Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hepatitis A	-	1	-	-	-	-	1	2	-	2	-	-	-	-	-	-	-	1	2	12	-	-	-	-
Hepatitis B, Acute	-	1	-	-	-	1	-	3	-	1	-	-	-	-	-	-	-	1	4	246	-	-	1	5
Hepatitis B, Chronic	-	7	-	2	-	1	-	2	-	-	-	1	1	2	-	1	-	4	-	119	-	1	-	3
Hepatitis B, Perinatal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hepatitis C, Acute	2	3	-	4	-	-	-	1	-	6	-	-	1	2	-	-	-	2	1	5	1	6	-	4
Hepatitis C, Chronic	-	52	-	15	-	10	-	10	-	42	1	16	1	13	-	7	-	22	10	791	-	26	-	29
Hepatitis C, Perinatal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hepatitis E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-
Histoplasmosis	-	2	2	5	-	1	-	1	-	1	-	-	-	3	-	-	-	1	-	19	-	-	-	11
Influenza	187	1,001	8	40	3	20	1	44	46	570	52	266	11	52	14	85	8	119	584	6,068	-	5	23	135
Influenza, Novel	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kawasaki	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	-	-	-
Latent Tuberculosis Infection	-	25	1	11	-	1	-	1	-	1	-	3	-	2	-	-	-	7	1	209	-	-	-	19
Legionellosis	-	3	-	2	-	-	-	-	-	1	-	1	-	1	-	-	-	1	-	35	-	-	-	1
Leprosy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Leptospirosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Listeriosis	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	2	-	-	-	-
Listeriosis (2014-2017)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lyme Disease	-	61	-	25	-	1	-	2	-	2	-	-	-	3	-	1	-	10	2	19	2	97	-	15
Lymphogranuloma venereum	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-
Malaria	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-	-	-
Measles	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-
Melioidosis+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningitis - Aseptic	-	9	-	2	-	1	-	1	-	-	-	-	-	2	-	-	-	1	-	16	-	1	-	2
Meningitis - Bacterial Other	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	26	-	-	-	2
Meningococcal Disease	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Monkeypox	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	180	-	-	-	1
Multisystem Inflammatory Syndrome	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-	-	1
Mumps	-	-	-	1	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	3	-	-	-	-
Nontuberculous Mycobacterium	-	7	-	3	-	1	-	3	-	1	-	1	-	8	-	-	-	2	2	98	-	2	1	12
Norovirus	-	65	-	17	-	-	-	1	-	-	-	-	-	-	-	-	-	1	1	11	-	2	-	1
Novel Coronavirus SARS/MERS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Paratyphoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pertussis	-	-	-	1	-	-	-	-	-	-	-	16	-	1	-	-	-	-	-	12	-	-	-	2
Plague	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polio	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Psittacosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Q Fever*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Q Fever Acute	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q Fever Chronic	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rabies: Potential Exposure & PEP	-	24	-	13	-	9	1	55	1	9	1	111	1	87	-	2	-	54	-	84	-	18	1	104
Rabies Animal	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	10	-	-	-	2
Rabies Human	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Respiratory Syncytial Virus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-	2

Table of Diseases by Geographic Location																								
Time Period: Week 52-2022																								
Disease	Calhoun		Cass		Charlevoix		Cheboygan		Chippewa		Clare		Clinton		Crawford		Delta		Detroit City		Dickinson		Eaton	
	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD
Reye Syndrome	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rheumatic Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Rickettsial Disease - Spotted Fever	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	1	-	1
Rickettsial Disease - Typhus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	-	-	-	-
Rubella - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-
Salmonellosis	-	21	-	4	-	1	-	3	-	5	-	6	-	10	-	2	-	3	1	19	-	4	-	24
Shiga toxin-producing Escherichia coli --(STEC)	-	2	-	3	-	1	-	-	-	1	-	1	-	6	-	-	-	-	-	6	-	-	-	3
Shigellosis	-	1	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	1	29	-	-	-	1
Shingles	2	21	-	-	-	-	-	-	-	-	-	1	-	6	-	-	-	4	-	12	-	-	-	11
Streptococcal Dis, Inv, Grp A	1	13	-	1	-	-	-	-	-	-	-	-	-	2	-	-	-	-	2	61	-	2	-	3
Streptococcal Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-
Streptococcus pneumoniae, Drug Resistant	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Inv	4	20	1	5	-	-	-	2	-	-	-	5	-	5	1	1	-	7	3	103	-	3	-	14
Syphilis - Congenital	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	19	-	-	-	-
Syphilis - Early Latent	-	4	-	-	-	-	-	-	-	3	-	-	-	1	-	-	-	-	-	215	-	1	-	2
Syphilis - Late Latent*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Latent of Unknown Duration*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Late with Manifestations*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Primary	-	4	-	1	-	-	-	-	-	-	-	-	-	2	-	-	-	-	2	128	-	1	-	-
Syphilis - Secondary	-	9	-	-	-	-	-	1	-	1	-	-	-	1	-	-	-	-	-	177	-	-	-	2
Syphilis - To Be Determined	-	1	-	1	-	1	-	-	1	1	-	-	1	1	-	-	-	-	14	37	-	-	-	-
Syphilis - Unknown Duration or Late	-	14	-	-	-	-	-	-	-	-	-	2	-	1	-	-	-	3	1	325	-	-	-	7
Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trachoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichinosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	-	-	-	-
Tularemia	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vibriosis - Non Cholera	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	5
VISA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VRSA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
VZ Infection, Unspecified	-	4	-	1	-	-	-	2	-	1	-	1	-	6	-	-	-	-	1	97	-	1	-	2
West Nile Virus	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-
Yellow Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yersinia enteritis	-	7	-	-	-	2	-	2	1	2	-	1	-	-	-	1	-	-	-	5	-	-	-	4
Zika	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>	<b>207</b>	<b>3,876</b>	<b>12</b>	<b>2,729</b>	<b>4</b>	<b>1,125</b>	<b>4</b>	<b>197</b>	<b>49</b>	<b>1,112</b>	<b>55</b>	<b>2,142</b>	<b>20</b>	<b>3,603</b>	<b>15</b>	<b>126</b>	<b>9</b>	<b>687</b>	<b>825</b>	<b>23,011</b>	<b>4</b>	<b>2,565</b>	<b>34</b>	<b>13,654</b>

Disease counts reported here do NOT represent final numbers and are subject to change after cases are reviewed.



Table of Diseases by Geographic Location																								
Time Period: Week 52-2022																								
Disease	Emmet		Genesee		Gladwin		Gogebic		Grand Traverse		Griot		Hillsdale		Houghton		Huron		Ingham		Ionia		Iosco	
	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD
Guillain-Barre Syndrome	-	-	-	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-
H. influenzae Disease - Inv.	-	1	-	8	-	-	-	-	-	4	-	1	-	1	-	-	-	-	-	4	-	1	1	4
Hantavirus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hantavirus, Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hantavirus, Pulmonary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hemolytic Uremic Syndrome	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hemorrhagic Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hepatitis A	-	-	-	1	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hepatitis B, Acute	-	1	-	4	-	-	-	-	-	1	-	3	-	-	-	-	-	-	-	-	-	2	1	3
Hepatitis B, Chronic	-	2	-	13	-	-	-	1	-	3	-	-	-	1	-	-	-	2	-	31	-	1	-	2
Hepatitis B, Perinatal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hepatitis C, Acute	-	1	2	9	-	-	-	1	-	7	-	-	-	8	-	3	-	-	1	9	1	6	-	4
Hepatitis C, Chronic	-	7	1	183	-	15	-	9	-	22	-	16	-	11	-	10	-	10	-	123	-	40	-	17
Hepatitis C, Perinatal	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-
Hepatitis E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Histoplasmosis	-	1	-	4	-	1	-	-	-	5	-	-	-	-	-	-	-	-	1	5	-	6	-	2
Influenza	-	12	167	1,028	16	173	42	166	64	488	28	245	31	223	43	161	19	136	112	488	15	31	1	32
Influenza, Novel	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kawasaki	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Latent Tuberculosis Infection	-	3	1	42	-	5	-	-	-	7	-	3	-	5	-	2	-	6	-	16	-	3	-	-
Legionellosis	-	-	-	17	-	1	-	-	-	3	-	-	-	-	-	-	-	1	-	8	-	2	-	2
Leprosy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Leptospirosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Listeriosis	-	-	-	5	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	2	-	1	-	-
Listeriosis (2014-2017)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lyme Disease	-	4	-	13	-	1	-	4	-	13	-	-	1	6	-	23	-	6	-	20	-	3	-	8
Lymphogranuloma venereum	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malaria	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	4	-	-	-	-
Measles	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Melioidosis+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningitis - Aseptic	-	-	1	14	-	1	-	1	-	4	-	2	-	3	-	1	-	3	-	8	-	-	-	-
Meningitis - Bacterial Other	-	-	-	5	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	2	-	2	-	1
Meningococcal Disease	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Monkeypox	-	-	-	12	-	-	-	-	-	1	-	2	-	-	-	-	-	-	-	11	-	1	-	-
Multisystem Inflammatory Syndrome	-	-	-	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Mumps	-	-	-	2	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Nontuberculous Mycobacterium	-	1	-	17	-	1	-	-	-	5	-	2	-	6	-	1	-	1	-	41	-	5	-	-
Norovirus	-	-	-	46	-	-	-	-	-	-	-	-	-	2	-	36	-	2	-	92	-	-	-	17
Novel Coronavirus SARS/MERS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Paratyphoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pertussis	-	-	-	2	-	-	-	-	-	-	-	7	-	10	-	-	-	-	-	2	-	1	-	-
Plague	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polio	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Psittacosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-
Q Fever*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q Fever Acute	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q Fever Chronic	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rabies: Potential Exposure & PEP	-	19	1	80	-	71	-	32	5	230	2	31	-	51	-	13	1	16	-	33	5	17	-	2
Rabies Animal	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	2	-	1	-	-	-	-
Rabies Human	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Respiratory Syncytial Virus	-	-	-	9	-	-	-	-	-	-	-	-	-	1	-	-	-	-	2	24	-	-	-	2



Table of Diseases by Geographic Location																								
Time Period: Week 52-2022																								
Disease	Emmet		Genesee		Gladwin		Gogebic		Grand Traverse		Gratiot		Hillsdale		Houghton		Huron		Ingham		Ionia		Iosco	
	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD
Reye Syndrome	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rheumatic Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rickettsial Disease - Spotted Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rickettsial Disease - Typhus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Salmonellosis	-	3	1	23	-	1	-	1	-	11	-	4	-	3	-	7	-	5	-	24	-	4	-	2
Shiga toxin-producing Escherichia coli --(STEC)	-	1	-	12	-	-	-	1	-	7	-	1	-	-	-	10	-	6	-	15	-	2	-	-
Shigellosis	-	-	-	3	-	-	-	-	-	2	-	-	-	1	-	-	-	1	-	9	-	1	-	1
Shingles	-	1	-	16	-	-	-	-	1	13	-	1	-	-	-	1	-	-	-	41	-	3	-	-
Streptococcal Dis, Inv, Grp A	1	1	-	21	-	-	-	2	-	5	-	1	-	2	-	-	-	-	12	-	3	-	3	
Streptococcal Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Drug Resistant	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Inv	-	1	1	30	-	2	-	2	-	6	-	4	-	5	-	2	-	5	-	21	-	5	-	4
Syphilis - Congenital	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Early Latent	-	1	-	32	-	-	-	1	-	3	-	-	-	2	-	-	-	-	20	-	2	-	-	
Syphilis - Late Latent*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Latent of Unknown Duration*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Late with Manifestations*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Primary	-	1	-	15	-	-	-	-	-	-	1	-	1	-	1	-	-	-	11	-	-	-	-	-
Syphilis - Secondary	-	-	-	20	-	1	-	2	-	-	-	-	1	-	1	-	-	-	9	-	2	-	-	
Syphilis - To Be Determined	-	-	6	14	-	-	-	-	1	1	1	1	1	1	-	-	-	2	5	-	-	-	-	
Syphilis - Unknown Duration or Late	-	-	1	40	-	-	-	-	-	3	-	4	-	2	-	1	-	2	-	27	-	2	-	-
Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trachoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichinosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-
Tularemia	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vibriosis - Non Cholera	-	-	-	1	-	-	-	-	-	2	-	-	-	-	-	-	-	-	9	-	-	-	-	-
VISA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VRSA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VZ Infection, Unspecified	-	2	-	8	-	-	-	-	-	2	-	1	-	2	1	1	-	-	-	3	-	6	-	-
West Nile Virus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yellow Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yersinia enteritis	-	2	-	5	-	-	-	-	-	8	-	2	-	2	-	-	-	1	-	9	-	-	-	-
Zika	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>	<b>1</b>	<b>1,983</b>	<b>241</b>	<b>17,464</b>	<b>17</b>	<b>779</b>	<b>43</b>	<b>777</b>	<b>74</b>	<b>3,660</b>	<b>31</b>	<b>507</b>	<b>34</b>	<b>3,467</b>	<b>45</b>	<b>1,061</b>	<b>101</b>	<b>1,999</b>	<b>149</b>	<b>4,587</b>	<b>39</b>	<b>1,408</b>	<b>3</b>	<b>141</b>

Disease counts reported here do NOT represent final numbers and are subject to change after cases are reviewed.



Table of Diseases by Geographic Location																									
Time Period: Week 52-2022																									
Disease	Iron		Isabella		Jackson		Kalamazoo		Kalkaska		Kent		Keweenaw		Lake		Lapeer		Leelanau		Lenawee		Livingston		
	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	
Guillain-Barre Syndrome	-	-	-	-	-	2	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5
H. influenzae Disease - Inv.	-	-	-	-	-	8	-	3	-	-	2	14	-	-	-	-	-	2	-	1	-	3	-	3	
Hantavirus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hantavirus, Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hantavirus, Pulmonary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hemolytic Uremic Syndrome	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Hemorrhagic Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hepatitis A	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hepatitis B, Acute	-	-	-	-	-	18	-	1	-	1	-	65	-	-	-	-	-	-	-	-	-	-	-	1	2
Hepatitis B, Chronic	-	-	-	2	1	10	-	13	-	-	-	44	-	-	-	-	-	1	-	1	-	1	-	7	
Hepatitis B, Perinatal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hepatitis C, Acute	-	1	-	2	-	2	-	4	-	1	-	-	-	-	-	-	2	3	-	2	-	-	1	6	
Hepatitis C, Chronic	-	16	-	14	12	538	-	96	1	11	2	161	-	1	-	9	-	13	-	4	-	33	-	42	
Hepatitis C, Perinatal	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hepatitis E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Histoplasmosis	-	1	-	-	-	-	-	4	-	-	-	79	-	-	-	1	-	1	-	-	-	-	-	5	
Influenza	8	58	93	547	177	807	267	968	45	234	47	589	2	9	1	4	38	314	4	61	62	343	41	712	
Influenza, Novel	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kawasaki	-	-	-	1	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	1	1	
Latent Tuberculosis Infection	-	1	-	17	-	12	-	123	-	1	1	168	-	1	-	1	-	7	-	-	-	4	-	21	
Legionellosis	-	-	-	2	-	11	-	8	-	-	-	22	-	-	-	-	-	-	-	-	-	1	-	6	
Leprosy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Leptospirosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Listeriosis	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Listeriosis (2014-2017)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lyme Disease	-	13	-	1	1	16	-	162	-	1	1	68	-	2	-	-	-	2	1	16	-	-	-	20	
Lymphogranuloma venereum	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malaria	-	-	-	-	-	-	-	4	-	-	-	7	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Melioidosis+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningitis - Aseptic	-	-	-	1	-	2	-	9	-	-	-	13	-	-	-	-	-	1	-	-	-	2	-	9	
Meningitis - Bacterial Other	-	-	-	1	-	3	1	6	-	-	-	11	-	-	-	-	-	3	-	-	-	1	-	-	
Meningococcal Disease	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Monkeypox	-	-	-	-	-	5	-	2	-	-	1	15	-	-	-	-	-	-	-	-	-	-	-	2	
Multisystem Inflammatory Syndrome	-	-	-	1	-	-	-	1	-	-	-	4	-	-	-	-	-	-	-	-	-	1	-	2	
Mumps	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	2	-	-	-	1	-	3	
Nontuberculous Mycobacterium	-	2	-	1	-	23	1	18	-	-	1	50	-	-	-	1	-	4	-	1	-	2	-	24	
Norovirus	-	-	-	35	-	31	-	127	-	5	-	2	-	-	-	-	-	-	-	22	-	2	-	203	
Novel Coronavirus SARS/MERS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Paratyphoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pertussis	-	-	-	-	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	13	
Plague	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polio	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Psittacosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q Fever*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q Fever Acute	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q Fever Chronic	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rabies: Potential Exposure & PEP	-	10	-	134	-	75	-	36	-	3	1	159	-	-	-	2	2	8	-	3	3	128	-	28	
Rabies Animal	-	-	-	1	-	1	-	2	-	-	-	6	-	-	-	1	-	-	-	-	-	-	-	-	-
Rabies Human	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Respiratory Syncytial Virus	-	-	-	-	-	17	-	-	-	-	-	1	-	-	-	-	-	1	-	1	-	5	2	233	

Table of Diseases by Geographic Location																								
Time Period: Week 52-2022																								
Disease	Iron		Isabella		Jackson		Kalamazoo		Kalkaska		Kent		Keweenaw		Lake		Lapeer		Leelanau		Lenawee		Livingston	
	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD
Reye Syndrome	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rheumatic Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rickettsial Disease - Spotted Fever	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-
Rickettsial Disease - Typhus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Rubella - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Salmonellosis	-	1	-	6	-	17	-	30	-	4	-	62	-	-	-	-	4	-	5	-	10	-	16	
Shiga toxin-producing Escherichia coli --(STEC)	-	-	-	4	-	5	1	13	-	4	-	48	-	-	-	-	-	-	3	-	8	-	10	
Shigellosis	-	-	-	1	-	-	-	7	-	1	-	24	-	-	-	1	-	-	-	1	-	2	-	3
Shingles	-	-	-	-	1	13	-	28	-	-	4	84	-	-	-	-	5	-	-	-	5	-	42	
Streptococcal Dis, Inv, Grp A	-	-	-	3	-	12	1	22	-	1	5	44	-	-	-	-	4	-	1	-	-	-	6	
Streptococcal Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Streptococcus pneumoniae, Drug Resistant	-	-	-	-	-	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	
Streptococcus pneumoniae, Inv	-	2	-	5	1	12	-	24	-	3	6	51	-	-	-	2	1	5	-	-	-	5	-	9
Syphilis - Congenital	-	-	-	-	-	2	-	2	-	-	-	2	-	-	-	-	-	-	-	-	-	1	-	-
Syphilis - Early Latent	-	-	-	2	-	12	-	22	-	-	-	37	-	-	-	-	-	-	-	-	-	4	-	5
Syphilis - Late Latent*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Latent of Unknown Duration*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Late with Manifestations*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Primary	-	-	-	-	-	2	-	14	-	1	-	27	-	-	-	1	-	-	-	-	-	1	-	1
Syphilis - Secondary	-	-	-	1	-	7	-	26	-	-	-	23	-	-	-	1	-	3	-	-	-	2	-	2
Syphilis - To Be Determined	-	-	-	3	1	5	2	7	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	2
Syphilis - Unknown Duration or Late	-	-	-	6	-	76	-	39	-	-	-	68	-	-	-	-	2	-	-	-	-	2	-	6
Tetanus	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trachoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichinosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis	-	-	-	-	-	2	-	2	-	-	-	12	-	-	-	-	-	-	-	-	-	-	-	1
Tularemia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vibriosis - Non Cholera	-	-	-	-	-	-	-	2	-	-	-	4	-	-	-	-	-	-	-	-	-	1	-	-
VISA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VRSA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VZ Infection, Unspecified	-	-	-	1	2	6	-	-	-	1	1	15	-	-	-	-	5	-	-	-	-	-	1	11
West Nile Virus	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yellow Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yersinia enteritis	-	-	-	1	-	-	-	5	1	3	-	12	-	-	-	-	1	-	2	-	4	-	11	
Zika	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>	<b>8</b>	<b>941</b>	<b>97</b>	<b>6,395</b>	<b>204</b>	<b>7,647</b>	<b>301</b>	<b>15,891</b>	<b>47</b>	<b>503</b>	<b>422</b>	<b>23,596</b>	<b>2</b>	<b>18</b>	<b>1</b>	<b>319</b>	<b>102</b>	<b>3,485</b>	<b>5</b>	<b>381</b>	<b>68</b>	<b>4,428</b>	<b>55</b>	<b>14,583</b>

Disease counts reported here do NOT represent final numbers and are subject to change after cases are reviewed.



Table of Diseases by Geographic Location																								
Time Period: Week 52-2022																								
Disease	Luce		Mackinac		Macomb		Manistee		Marquette		Mason		Mecosta		Menominee		Midland		Missaukee		Monroe		Montcalm	
	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD
Guillain-Barre Syndrome	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	-	-	-
H. influenzae Disease - Inv.	-	-	-	-	-	15	-	1	-	1	-	1	-	-	-	-	1	-	1	1	3	1	4	-
Hantavirus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hantavirus, Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hantavirus, Pulmonary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hemolytic Uremic Syndrome	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
Hemorrhagic Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hepatitis A	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hepatitis B, Acute	-	1	-	-	1	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	33	-	-
Hepatitis B, Chronic	-	-	-	-	3	71	-	-	-	3	-	-	1	-	-	-	2	-	-	-	3	-	1	-
Hepatitis B, Perinatal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hepatitis C, Acute	-	4	-	-	3	24	-	1	-	3	-	2	-	2	-	2	-	-	-	-	5	-	2	-
Hepatitis C, Chronic	-	5	-	1	-	211	2	12	-	44	-	11	-	7	-	10	-	17	-	6	-	70	1	35
Hepatitis C, Perinatal	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hepatitis E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Histoplasmosis	-	-	-	1	-	3	-	-	-	-	1	-	5	-	1	-	7	-	2	-	3	-	3	-
Influenza	-	8	-	45	625	5,700	3	21	24	159	1	11	5	31	1	36	54	481	22	101	89	843	8	73
Influenza, Novel	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kawasaki	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Latent Tuberculosis Infection	-	-	-	-	-	161	-	1	-	6	-	3	-	6	-	2	-	9	-	2	-	8	-	10
Legionellosis	-	-	-	-	1	37	-	-	-	3	-	2	-	-	-	-	3	-	-	-	5	-	2	-
Leprosy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Leptospirosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Listeriosis	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Listeriosis (2014-2017)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lyme Disease	-	3	1	6	1	22	-	14	-	27	-	7	-	9	-	36	-	3	-	1	-	4	-	1
Lymphogranuloma venereum	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malaria	-	1	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Melioidosis+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningitis - Aseptic	-	-	-	-	-	26	-	2	-	1	-	-	-	2	-	-	-	2	-	1	-	18	-	1
Meningitis - Bacterial Other	-	-	-	-	1	9	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	2	-
Meningococcal Disease	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Monkeypox	-	-	-	-	-	43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-
Multisystem Inflammatory Syndrome	-	-	-	-	-	7	-	-	-	-	-	-	-	-	-	2	-	1	-	1	-	1	-	1
Mumps	-	-	-	-	-	2	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nontuberculous Mycobacterium	-	-	-	-	1	59	-	-	-	1	-	-	-	6	-	2	-	1	-	1	-	6	-	2
Norovirus	-	-	-	-	-	24	-	-	-	12	-	-	-	-	-	-	22	-	-	-	9	-	21	-
Novel Coronavirus SARS/MERS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Paratyphoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pertussis	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Plague	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polio	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Psittacosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q Fever*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q Fever Acute	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Q Fever Chronic	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rabies: Potential Exposure & PEP	-	4	-	1	1	58	-	3	1	104	-	13	-	4	-	21	1	140	-	9	-	29	-	148
Rabies Animal	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rabies Human	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Respiratory Syncytial Virus	-	-	-	1	3	19	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	12	-	-

Table of Diseases by Geographic Location																								
Time Period: Week 52-2022																								
Disease	Luce		Mackinac		Macomb		Manistee		Marquette		Mason		Mecosta		Menominee		Midland		Missaukee		Monroe		Montcalm	
	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD
Reye Syndrome	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rheumatic Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rickettsial Disease - Spotted Fever	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rickettsial Disease - Typhus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-
Rubella	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Salmonellosis	-	-	-	-	-	64	-	2	-	4	-	3	-	1	-	1	-	11	-	4	-	19	-	9
Shiga toxin-producing Escherichia coli --(STEC)	-	-	-	-	-	22	-	1	-	-	-	1	-	4	-	1	-	3	-	2	-	8	-	3
Shigellosis	-	-	-	-	-	18	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	2	-	-
Shingles	-	-	-	1	1	163	-	-	-	-	-	3	-	-	-	2	-	1	-	-	-	2	-	2
Streptococcal Dis, Inv, Grp A	-	-	-	-	-	31	-	-	-	-	-	1	-	2	-	2	-	2	-	-	-	6	2	3
Streptococcal Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Drug Resistant	-	-	-	-	-	9	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Inv	-	1	-	-	1	44	-	1	-	6	-	3	-	3	-	5	-	10	-	1	-	6	-	8
Syphilis - Congenital	-	-	-	-	-	2	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1
Syphilis - Early Latent	-	1	-	-	-	47	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	4	-	-
Syphilis - Late Latent*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Latent of Unknown Duration*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Late with Manifestations*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Primary	-	-	-	-	-	25	-	1	-	1	-	-	-	-	-	-	-	2	-	-	-	3	-	1
Syphilis - Secondary	-	-	-	-	1	48	-	-	-	2	-	-	-	2	-	-	-	1	-	-	-	2	-	1
Syphilis - To Be Determined	-	-	-	-	-	8	-	-	-	2	-	-	-	2	-	-	-	-	-	-	-	1	-	1
Syphilis - Unknown Duration or Late	-	-	-	1	1	78	-	1	-	-	-	-	-	-	-	-	3	-	-	-	-	7	-	3
Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trachoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichinosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis	-	-	-	-	3	17	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1
Tularemia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid Fever	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-
Vibriosis - Non Cholera	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-
VISA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
VRSA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VZ Infection, Unspecified	-	2	-	1	-	2	-	-	-	-	2	-	2	-	3	-	1	-	1	-	1	-	1	12
West Nile Virus	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yellow Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yersinia enteritis	-	-	-	-	-	1	-	-	-	1	-	3	-	-	-	-	-	-	-	-	1	7	-	1
Zika	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>	0	88	1	121	769	12,596	5	431	32	768	2	3,531	7	803	3	279	58	4,184	30	1,165	93	5,245	15	592

Disease counts reported here do NOT represent final numbers and are subject to change after cases are reviewed.







Table of Diseases by Geographic Location																									
Time Period: Week 52-2022																									
Disease	Montmorency		Muskegon		Newaygo		Oakland		Oceana		Ogemaw		Ontonagon		Osceola		Oscoda		Otsego		Ottawa		Presque Isle		
	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	
Reye Syndrome	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Rheumatic Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Rickettsial Disease - Spotted Fever	-	-	-	-	-	1	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
Rickettsial Disease - Typhus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Rubella	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Rubella - Congenital	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Salmonellosis	-	-	-	22	-	10	-	79	-	8	-	4	-	1	-	5	-	2	-	-	-	-	44	-	1
Shiga toxin-producing Escherichia coli --(STEC)	-	-	-	5	-	1	-	43	-	-	-	2	-	-	-	-	-	-	-	-	-	-	31	-	1
Shigellosis	-	-	-	2	-	1	1	25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-
Shingles	-	-	-	12	-	2	-	17	-	-	-	2	-	-	-	-	-	-	-	-	-	-	41	-	-
Streptococcal Dis, Inv, Grp A	-	-	-	8	-	3	2	24	-	1	-	-	-	1	-	2	-	-	-	-	-	-	7	-	-
Streptococcal Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Streptococcus pneumoniae, Drug Resistant	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
Streptococcus pneumoniae, Inv	-	1	-	25	-	3	2	42	-	5	-	2	-	1	-	2	-	2	-	-	-	-	10	-	-
Syphilis - Congenital	-	-	-	-	-	-	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Early Latent	-	-	-	22	-	2	-	88	-	4	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-
Syphilis - Late Latent*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Latent of Unknown Duration*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Late with Manifestations*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Primary	-	-	-	8	-	2	-	41	-	2	-	-	-	-	2	-	-	-	-	-	-	-	2	-	-
Syphilis - Secondary	-	-	-	10	-	1	-	66	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Syphilis - To Be Determined	-	-	-	-	-	-	6	16	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Unknown Duration or Late	-	-	-	17	-	1	-	92	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-
Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Trachoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichinosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis	-	-	-	3	-	-	1	21	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-
Tularemia	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid Fever	-	-	-	1	-	-	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vibriosis - Non Cholera	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
VISA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VRSA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VZ Infection, Unspecified	-	-	-	5	-	1	-	2	-	3	-	1	-	-	-	-	-	-	-	-	-	-	1	-	-
West Nile Virus	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yellow Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yersinia enteritis	-	-	-	1	-	2	-	15	-	1	-	-	-	-	1	-	-	-	-	-	-	-	5	-	-
Zika	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>	6	75	329	6,425	2	2,923	936	24,311	1	3,718	18	171	30	387	14	1,262	11	87	32	0	60	60,369	2	104	

Disease counts reported here do NOT represent final numbers and are subject to change after cases are reviewed.

Table of Diseases by Geographic Location																								
Time Period: Week 52-2022																								
Disease	Roscommon		Saginaw		Sanilac		Schoolcraft		Shiawassee		St Clair		St Joseph		Tuscola		Van Buren		Washtenaw		Wayne		Wexford	
	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD
Acute Flaccid Myelitis (AFM)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Amebiasis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	-
Anthrax	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Babesiosis++	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	1	-	-
Blastomycosis	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	16	-	-
Botulism - Foodborne	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Botulism - Infant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Botulism - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Brucellosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-
Campylobacter	-	5	1	29	-	6	-	-	2	19	-	11	-	6	-	4	-	12	1	85	3	145	-	5
Candida auris	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	15	-	-
Chancroid	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chickenpox (Varicella)	-	-	-	5	-	-	-	1	-	-	-	6	-	-	-	3	-	-	-	21	-	11	-	2
Chikungunya~	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Chlamydia (Genital)	-	38	11	1,186	2	42	-	8	-	133	5	359	4	171	5	93	4	225	13	1,442	68	4,265	1	75
Cholera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Coccidioidomycosis	-	-	-	2	-	2	-	1	-	-	-	1	-	1	-	-	-	-	-	2	-	18	-	-
CP-CRE	-	1	-	10	-	1	-	-	-	2	-	6	-	5	-	3	-	1	-	7	5	132	-	-
Creutzfeldt-Jakob Disease	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	6	-	-
Cronobacter (infant)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cryptococcosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-
Cryptosporidiosis	-	1	-	6	-	2	-	-	-	2	-	1	-	3	-	1	-	3	-	23	-	16	-	6
Cyclosporiasis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	-	9	-	-
Dengue Fever	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	6	-	-
Diphtheria	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ehrlichiosis, Anaplasma phagocytophilum	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	7	-	1	-	-
Ehrlichiosis, Anaplasma phagocytophilum (2009-2019)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ehrlichiosis, Anaplasmosis Undetermined	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ehrlichiosis, Ehrlichia chaffeensis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	-
Ehrlichiosis, Ehrlichia chaffeensis (2009-2019)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ehrlichiosis, Ehrlichia ewingii	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ehrlichiosis, Ehrlichia ewingii (2009-2019)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ehrlichiosis, human granulocytic*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ehrlichiosis, human monocytic*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ehrlichiosis, human other/undetermined (2009-2019)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ehrlichiosis*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ehrlichosis human, other, unsp*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis, California Serogroup	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	-	-	-
Encephalitis, Eastern Equine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis, Post Chickenpox	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis, Post Mumps	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis, Post Other	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-
Encephalitis, Powassan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis, Primary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1	-	-
Encephalitis, St. Louis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis, Western Equine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flu Like Disease*	19	196	13	4,066	-	-	-	-	147	1,352	189	8,032	115	2,035	-	2,373	-	1,864	667	11,138	-	24,053	-	1,242
Gastrointestinal Illness	-	62	-	4,205	-	-	-	-	-	961	-	91	226	3,121	-	943	-	1,622	-	217	-	2,754	-	151
Giardiasis	-	1	-	6	-	-	-	-	-	1	-	1	-	3	-	2	-	6	-	27	1	38	-	-
Gonorrhea	-	4	8	656	-	6	-	2	-	26	-	60	-	53	-	10	-	90	5	447	27	1,459	-	10
Granuloma Inguinale	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-

Table of Diseases by Geographic Location																								
Time Period: Week 52-2022																								
Disease	Roscommon		Saginaw		Sanilac		Schoolcraft		Shiawassee		St Clair		St Joseph		Tuscola		Van Buren		Washtenaw		Wayne		Wexford	
	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD
Guillain-Barre Syndrome	-	-	-	6	-	3	-	-	-	-	-	1	-	-	-	1	-	1	-	-	-	9	-	-
H. influenzae Disease - Inv.	-	1	-	22	-	2	-	-	-	1	-	1	-	1	-	2	-	3	1	4	1	18	-	1
Hantavirus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hantavirus, Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hantavirus, Pulmonary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hemolytic Uremic Syndrome	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	1	-	-
Hemorrhagic Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hepatitis A	-	-	-	2	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	1	2	11	-	-
Hepatitis B, Acute	-	-	-	4	-	-	-	1	-	3	-	2	-	11	-	-	-	2	-	6	5	575	-	-
Hepatitis B, Chronic	-	-	-	4	-	-	-	-	-	1	-	6	-	-	-	6	-	4	1	70	1	108	-	2
Hepatitis B, Perinatal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hepatitis C, Acute	-	-	-	1	1	7	-	2	-	4	1	5	1	5	-	5	-	5	4	110	-	13	-	-
Hepatitis C, Chronic	-	22	-	50	-	9	-	6	-	9	1	59	-	24	-	7	-	21	-	66	8	539	-	14
Hepatitis C, Perinatal	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-
Hepatitis E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	6	-	-
Histoplasmosis	-	-	-	4	-	3	-	-	-	5	-	-	-	4	-	1	-	14	1	8	-	40	-	-
Influenza	22	79	259	1,951	33	167	-	-	5	27	50	406	32	219	57	359	90	395	44	1,489	896	11,239	22	253
Influenza, Novel	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kawasaki	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	1	-	6	-	17	-	-
Latent Tuberculosis Infection	-	3	1	52	-	2	-	-	-	3	-	12	-	5	-	12	-	15	1	66	3	229	-	3
Legionellosis	-	-	-	9	-	1	-	-	-	-	-	6	-	1	-	1	-	2	-	13	-	78	-	-
Leprosy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Leptospirosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-
Listeriosis	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	2	-	3	-	5	-	-
Listeriosis (2014-2017)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lyme Disease	-	-	-	7	-	7	-	6	-	4	-	7	-	21	-	2	-	37	-	66	1	73	-	2
Lymphogranuloma venereum	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Malaria	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	5	-	-
Measles	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	7	-
Melioidosis+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningitis - Aseptic	-	-	-	5	-	-	-	-	-	2	-	1	-	2	-	1	-	6	-	13	-	41	-	1
Meningitis - Bacterial Other	-	-	1	5	-	-	-	-	-	2	-	3	-	2	-	2	-	2	-	4	-	21	-	-
Meningococcal Disease	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-
Monkeypox	-	-	-	1	-	-	-	-	-	2	-	3	-	-	-	1	-	1	-	24	-	63	-	-
Multisystem Inflammatory Syndrome	-	-	-	2	-	-	-	-	-	1	-	-	-	1	-	-	-	1	-	4	-	7	-	-
Mumps	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	1	-	1	1	4	-	-
Nontuberculous Mycobacterium	-	3	-	2	-	4	-	-	-	2	-	6	-	1	-	2	-	6	1	56	1	117	-	3
Norovirus	-	1	-	115	-	-	-	-	-	-	-	92	-	5	-	23	-	22	-	44	-	18	-	-
Novel Coronavirus SARS/MERS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Paratyphoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-
Pertussis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	2	-	15	-	2
Plague	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polio	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Psittacosis	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-
Q Fever*	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	1	-	1	-	-
Q Fever Acute	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Q Fever Chronic	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rabies: Potential Exposure & PEP	-	56	-	28	-	78	-	-	-	16	-	34	-	5	1	59	-	12	15	196	1	231	-	8
Rabies Animal	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	2	-	-	-	5	-	1	-	-
Rabies Human	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Respiratory Syncytial Virus	-	-	1	1	-	-	-	-	-	2	2	-	2	-	-	-	-	-	2	653	1	67	-	1

Table of Diseases by Geographic Location																								
Time Period: Week 52-2022																								
Disease	Roscommon		Saginaw		Sanilac		Schoolcraft		Shiawassee		St Clair		St Joseph		Tuscola		Van Buren		Washtenaw		Wayne		Wexford	
	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD
Reye Syndrome	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rheumatic Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Rickettsial Disease - Spotted Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-
Rickettsial Disease - Typhus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	7	-	-
Rubella - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Salmonellosis	-	3	-	18	-	1	-	1	-	7	-	18	-	3	-	3	-	5	-	30	-	67	-	5
Shiga toxin-producing Escherichia coli --(STEC)	-	1	-	5	-	1	-	-	-	2	-	-	-	1	-	2	-	1	-	21	-	51	-	2
Shigellosis	-	-	-	5	-	-	-	-	-	-	-	1	-	-	-	-	-	3	-	17	-	37	-	-
Shingles	-	-	-	7	-	-	-	-	-	2	-	14	-	-	-	6	-	8	-	104	-	25	-	1
Streptococcal Dis, Inv, Grp A	-	-	1	6	-	1	-	-	1	2	-	1	-	1	-	1	-	3	-	8	2	38	-	1
Streptococcal Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Streptococcus pneumoniae, Drug Resistant	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	1	-	2	-	-
Streptococcus pneumoniae, Inv	-	2	-	36	-	2	-	2	-	5	-	7	-	6	2	9	-	8	-	11	3	79	-	3
Syphilis - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	3	-	-
Syphilis - Early Latent	-	-	-	17	-	-	-	-	-	1	-	4	-	2	-	-	-	1	1	36	-	111	-	-
Syphilis - Late Latent*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Latent of Unknown Duration*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Late with Manifestations*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Primary	-	-	-	7	-	-	-	-	-	2	-	5	-	-	-	-	-	1	-	19	-	52	-	-
Syphilis - Secondary	-	-	-	6	-	-	-	-	-	1	-	2	-	4	-	-	-	2	-	21	-	61	-	-
Syphilis - To Be Determined	1	1	1	2	-	-	-	-	-	-	2	4	-	1	-	-	-	-	-	5	2	12	-	-
Syphilis - Unknown Duration or Late	-	-	-	15	-	1	-	-	-	3	-	5	-	2	-	1	-	-	-	31	-	90	-	1
Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Trachoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichinosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	15	2	27	-	-
Tularemia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
Typhoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
Vibriosis - Non Cholera	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	4	-	2	-	-
VISA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VRSA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VZ Infection, Unspecified	-	1	-	1	-	3	-	2	-	5	-	-	-	3	-	4	-	1	-	11	2	142	-	-
West Nile Virus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	12	-	-
Yellow Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yersinia enteritis	-	1	-	5	-	2	-	-	-	-	-	-	-	1	-	1	-	1	-	19	2	21	-	3
Zika	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
<b>Total</b>	<b>42</b>	<b>482</b>	<b>297</b>	<b>12,579</b>	<b>36</b>	<b>354</b>	<b>0</b>	<b>33</b>	<b>157</b>	<b>2,617</b>	<b>248</b>	<b>9,285</b>	<b>378</b>	<b>5,732</b>	<b>65</b>	<b>3,951</b>	<b>94</b>	<b>4,413</b>	<b>757</b>	<b>16,719</b>	<b>1,041</b>	<b>47,372</b>	<b>23</b>	<b>1,797</b>

Disease counts reported here do NOT represent final numbers and are subject to change after cases are reviewed.

# Report 8: Epi-Curve Graph

Time Period: 12/31/2020 - 12/31/2022

Time Breakdown: by Week

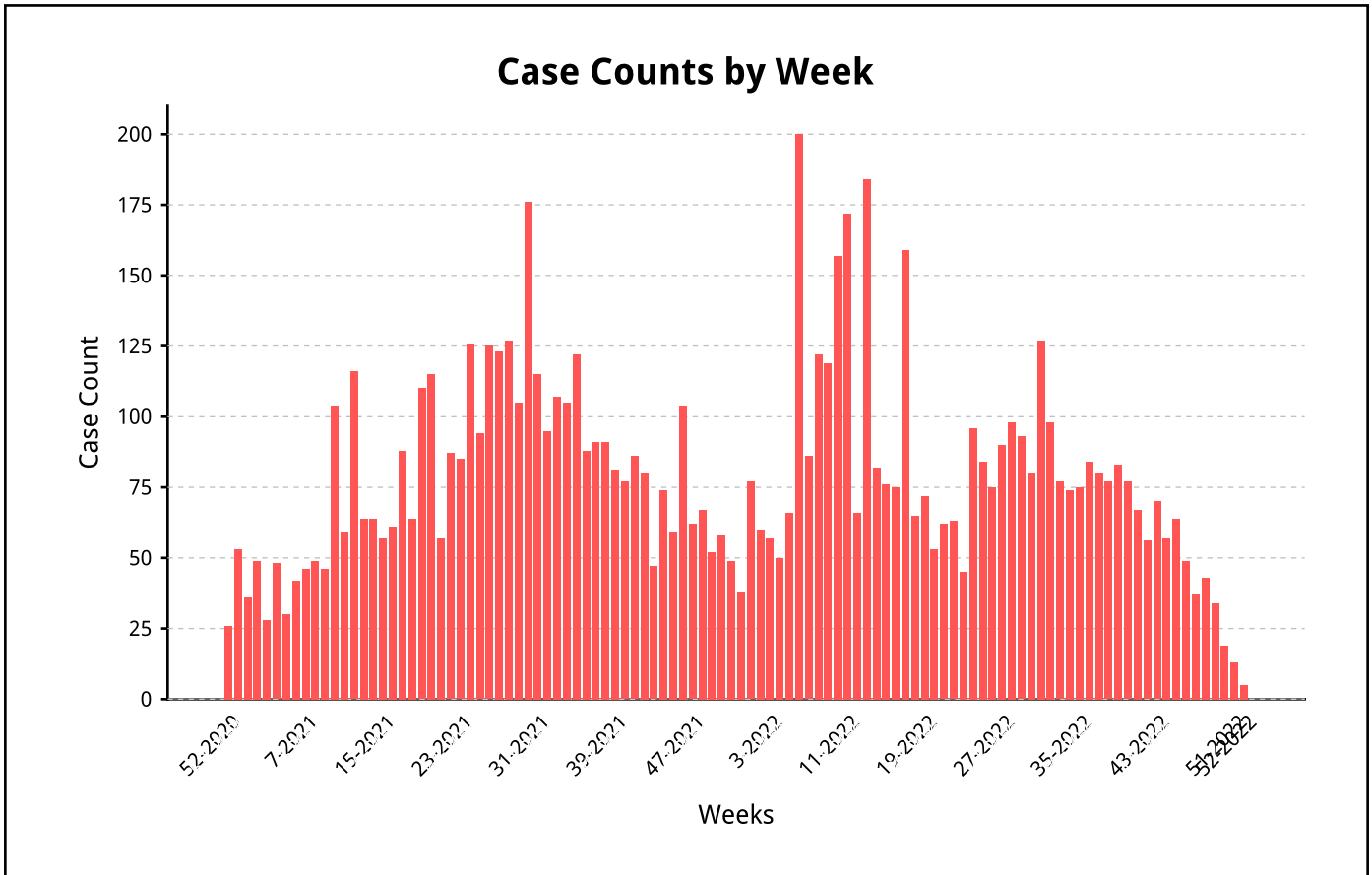
Geographic Area: The State of Michigan

Disease Group: Foodborne

Case Status: Confirmed, Probable, Suspect

Case Types: Individual and Aggregate

Investigation Status: Completed, Completed - Follow Up



Week	Total	Week	Total	Week	Total	Week	Total	Week	Total
52-2020	26	14-2021	64	29-2021	105	44-2021	74	7-2022	86
53-2020	53	15-2021	57	30-2021	176	45-2021	59	8-2022	122
1-2021	36	16-2021	61	31-2021	115	46-2021	104	9-2022	119
2-2021	49	17-2021	88	32-2021	95	47-2021	62	10-2022	157
3-2021	28	18-2021	64	33-2021	107	48-2021	67	11-2022	172
4-2021	48	19-2021	110	34-2021	105	49-2021	52	12-2022	66
5-2021	30	20-2021	115	35-2021	122	50-2021	58	13-2022	184
6-2021	42	21-2021	57	36-2021	88	51-2021	49	14-2022	82
7-2021	46	22-2021	87	37-2021	91	52-2021	38	15-2022	76
8-2021	49	23-2021	85	38-2021	91	1-2022	77	16-2022	75
9-2021	46	24-2021	126	39-2021	81	2-2022	60	17-2022	159
10-2021	104	25-2021	94	40-2021	77	3-2022	57	18-2022	65
11-2021	59	26-2021	125	41-2021	86	4-2022	50	19-2022	72
12-2021	116	27-2021	123	42-2021	80	5-2022	66	20-2022	53
13-2021	64	28-2021	127	43-2021	47	6-2022	200	21-2022	62

<b>Week</b>	<b>Total</b>
22-2022	63
23-2022	45
24-2022	96
25-2022	84
26-2022	75
27-2022	90
28-2022	98
29-2022	93
30-2022	80
31-2022	127
32-2022	98
33-2022	77
34-2022	74
35-2022	75
36-2022	84
37-2022	80
38-2022	77
39-2022	83
40-2022	77
41-2022	67
42-2022	56
43-2022	70
44-2022	57
45-2022	64
46-2022	49
47-2022	37
48-2022	43
49-2022	34
50-2022	19
51-2022	13
52-2022	5

# Report 8: Epi-Curve Graph

Time Period: 12/31/2020 - 12/31/2022

Time Breakdown: by Week

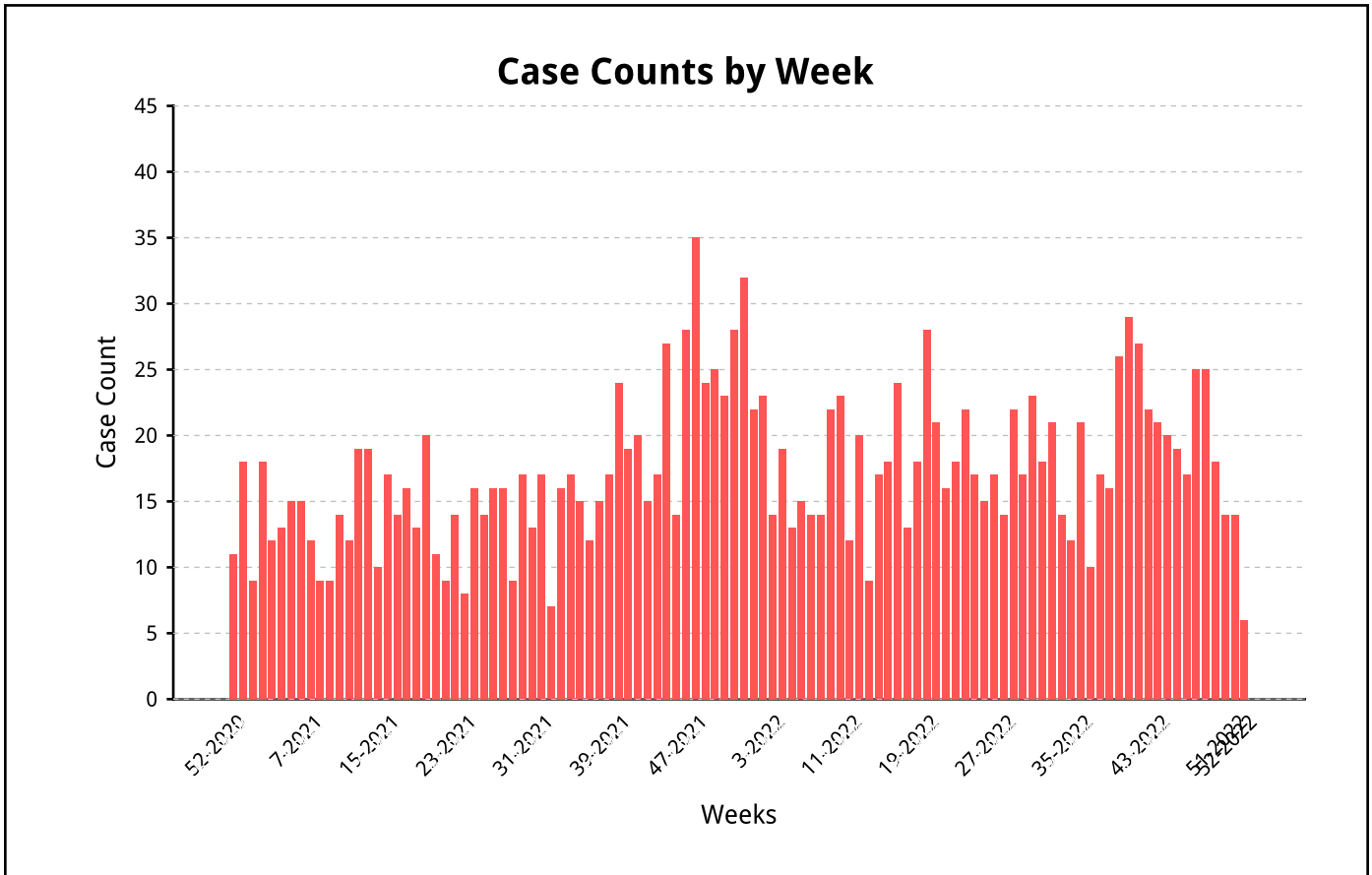
Geographic Area: The State of Michigan

Disease Group: Meningitis

Case Status: Confirmed, Probable, Suspect

Case Types: Individual and Aggregate

Investigation Status: Completed, Completed - Follow Up



Week	Total	Week	Total	Week	Total	Week	Total	Week	Total
52-2020	11	14-2021	10	29-2021	17	44-2021	27	7-2022	14
53-2020	18	15-2021	17	30-2021	13	45-2021	14	8-2022	14
1-2021	9	16-2021	14	31-2021	17	46-2021	28	9-2022	22
2-2021	18	17-2021	16	32-2021	7	47-2021	35	10-2022	23
3-2021	12	18-2021	13	33-2021	16	48-2021	24	11-2022	12
4-2021	13	19-2021	20	34-2021	17	49-2021	25	12-2022	20
5-2021	15	20-2021	11	35-2021	15	50-2021	23	13-2022	9
6-2021	15	21-2021	9	36-2021	12	51-2021	28	14-2022	17
7-2021	12	22-2021	14	37-2021	15	52-2021	32	15-2022	18
8-2021	9	23-2021	8	38-2021	17	1-2022	22	16-2022	24
9-2021	9	24-2021	16	39-2021	24	2-2022	23	17-2022	13
10-2021	14	25-2021	14	40-2021	19	3-2022	14	18-2022	18
11-2021	12	26-2021	16	41-2021	20	4-2022	19	19-2022	28
12-2021	19	27-2021	16	42-2021	15	5-2022	13	20-2022	21
13-2021	19	28-2021	9	43-2021	17	6-2022	15	21-2022	16



<b>Week</b>	<b>Total</b>
22-2022	18
23-2022	22
24-2022	17
25-2022	15
26-2022	17
27-2022	14
28-2022	22
29-2022	17
30-2022	23
31-2022	18
32-2022	21
33-2022	14
34-2022	12
35-2022	21
36-2022	10
37-2022	17
38-2022	16
39-2022	26
40-2022	29
41-2022	27
42-2022	22
43-2022	21
44-2022	20
45-2022	19
46-2022	17
47-2022	25
48-2022	25
49-2022	18
50-2022	14
51-2022	14
52-2022	6