



# **Weekly Disease Report For The Week Ending February 5<sup>th</sup>, 2022 (MMWR Week 5)**

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.

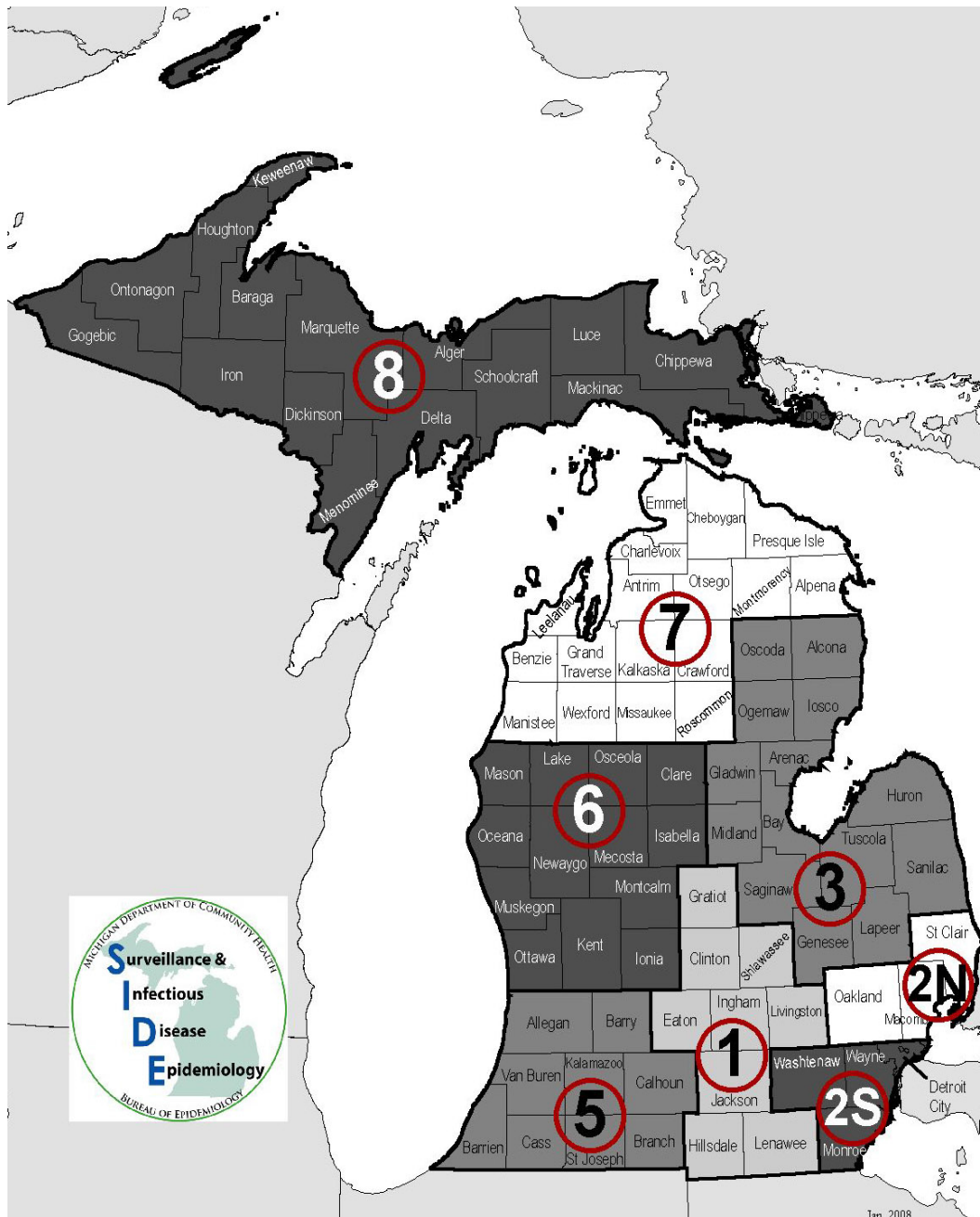
The data in the Weekly Disease Report are provisional, based on current reports to MDHHS by local health departments. The MDSS is a dynamic, continually active system: counts of disease are constantly changing as cases are investigated, confirmed as cases, or ruled out as not meeting the case definition. 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***				
		2-2022	3-2022	4-2022	5-2022	2018	2019	2020	2021	2022
COVID19/MIS										
	Multisystem Inflammatory Syndrome	7	5	6	1	0	0	81	171	34
	<b>Subtotal</b>	7	5	6	1	0	0	81	171	34
Foodborne										
	Amebiasis	0	0	0	0	2	9	7	6	0
	Botulism - Foodborne	0	0	0	0	0	0	0	2	0
	Campylobacter	20	17	12	17	1,705	1,705	1,221	1,510	92
	Cryptosporidiosis	3	1	10	3	383	419	245	247	30
	Giardiasis	3	3	10	5	465	428	379	439	29
	Listeriosis	0	0	0	0	19	29	29	38	0
	Listeriosis (2014-2017)*	0	0	0	0	4	1	0	0	0
	Norovirus	9	30	11	19	1,011	1,481	583	590	123
	Paratyphoid Fever	0	0	0	0	1	4	4	2	1
	Salmonellosis	15	9	6	2	1,163	1,077	905	871	45
	Shiga toxin-producing Escherichia coli --	3	3	5	3	0	284	211	267	20
	Shigellosis	3	4	5	6	209	219	151	169	21
	Typhoid Fever	0	0	0	0	6	10	1	3	0
	Yersinia enterocolitica	3	2	1	2	82	76	81	98	12
<b>Subtotal</b>	59	69	60	57	5,050	5,742	3,817	4,242	373	
Influenza										
	Flu Like Disease*	3,478	4,113	3,079	1,732	379,206	323,372	193,798	75,053	16,006
	Influenza	619	568	477	633	47,148	31,945	32,985	5,021	3,377
	Influenza, Novel	0	0	0	0	3	1	0	0	0
	Respiratory Syncytial Virus	1	2	2	3	0	0	0	28	13
	<b>Subtotal</b>	4,098	4,683	3,558	2,368	426,357	355,318	226,783	80,102	19,396
Meningitis										
	Meningitis - Aseptic	1	1	5	2	827	458	259	269	14
	Meningitis - Bacterial Other	2	4	9	2	149	121	103	130	19
	Meningococcal Disease	0	0	1	0	4	8	3	5	1
	Streptococcus pneumoniae, Inv	24	13	13	22	791	938	529	540	100
	<b>Subtotal</b>	27	18	28	26	1,771	1,525	894	944	134

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## 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***				
		2-2022	3-2022	4-2022	5-2022	2018	2019	2020	2021	2022
Other	Acute Flaccid Myelitis (AFM)	0	0	0	0	6	3	4	1	1
	Anthrax	0	0	0	0	0	0	0	0	0
	Blastomycosis	2	0	3	4	20	26	23	32	13
	Botulism - Infant	0	0	0	0	1	0	2	0	0
	Botulism - Other	0	0	0	2	2	0	1	2	2
	Brucellosis	1	1	0	1	4	1	4	6	3
	CP-CRE	8	28	21	25	0	19	267	530	141
	Candida auris	0	0	1	0	0	0	0	3	1
	Cholera	0	0	0	0	0	2	1	1	0
	Coccidioidomycosis	1	1	3	0	40	51	54	95	10
	Creutzfeldt-Jakob Disease	0	0	1	0	12	15	10	17	1
	Cryptococcosis	0	0	0	1	15	18	24	31	4
	Cyclosporiasis	0	0	0	1	0	1	25	50	3
	Encephalitis, Post Chickenpox	0	0	0	0	1	1	0	0	0
	Encephalitis, Post Mumps	0	0	0	0	0	0	0	0	0
	Encephalitis, Post Other	0	1	0	0	10	14	10	19	1
	Encephalitis, Primary	0	0	1	0	18	14	16	12	1
	Gastrointestinal Illness	1,566	1,718	1,924	1,248	154,968	138,801	61,476	45,777	7,440
	Guillain-Barre Syndrome	2	0	1	0	48	63	50	66	7
	Hantavirus	0	0	0	0	0	0	0	1	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	0
	Hemorrhagic Fever	0	0	0	0	0	0	0	0	0
	Histoplasmosis	8	5	3	14	169	234	193	285	56
	Kawasaki	0	1	3	3	35	55	63	49	7
Legionellosis	4	0	4	3	643	561	385	582	19	
Leprosy	0	0	0	0	1	0	0	1	0	
Leptospirosis	0	0	0	0	1	3	3	3	0	
Melioidosis+	0	0	0	0	0	0	0	0	0	

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Disease Group	Reportable Condition	Cases Reported In The Last 4 Weeks**				Total Cases Reported In Each Of The Last 5 Years***				
		2-2022	3-2022	4-2022	5-2022	2018	2019	2020	2021	2022
	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	6	1
	Q Fever Acute	0	0	0	0	4	5	4	2	0
	Q Fever Chronic	0	0	0	0	1	0	1	1	0
	Q Fever*	0	0	0	0	3	2	3	13	0
	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
	Streptococcal Dis, Inv, Grp A	4	4	4	4	428	449	340	271	27
	Streptococcal Toxic Shock	0	0	0	0	5	5	4	4	0
	Streptococcus pneumoniae, Drug Resistant	2	0	0	0	96	80	32	34	5
	Toxic Shock	0	0	0	0	4	7	3	6	0
	Trachoma	0	0	0	0	0	0	2	1	0
	Trichinosis	0	0	0	0	0	0	0	3	1
	Tularemia	0	0	0	0	2	1	0	1	1
	VISA	0	0	0	0	8	11	0	4	0
	VRSA	0	0	1	0	0	0	0	1	1
	Vibriosis - Non Cholera	1	0	2	2	0	34	27	48	6
	<b>Subtotal</b>	<b>1,599</b>	<b>1,759</b>	<b>1,972</b>	<b>1,308</b>	<b>156,550</b>	<b>140,484</b>	<b>63,034</b>	<b>47,962</b>	<b>7,752</b>
Rabies										
	Rabies Animal	0	0	0	0	76	58	55	52	1
	Rabies: Potential Exposure & PEP	51	46	32	47	50	5,453	3,649	3,674	234
	<b>Subtotal</b>	<b>51</b>	<b>46</b>	<b>32</b>	<b>47</b>	<b>126</b>	<b>5,511</b>	<b>3,704</b>	<b>3,726</b>	<b>235</b>
STD										
	Chancroid	0	0	0	0	0	0	0	2	0
	Chlamydia (Genital)	792	806	891	811	51,616	50,420	44,846	44,975	4,397
	Gonorrhea	350	334	343	364	17,047	18,277	23,405	21,818	1,925
	Granuloma Inguinale	1	0	0	0	0	0	0	0	1
	Lymphogranuloma venereum	0	0	0	0	16	1	8	4	0

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Disease Group	Reportable Condition	Cases Reported In The Last 4 Weeks**				Total Cases Reported In Each Of The Last 5 Years***				
		2-2022	3-2022	4-2022	5-2022	2018	2019	2020	2021	2022
	Syphilis - Congenital	0	1	0	1	14	16	29	42	6
	Syphilis - Early Latent	9	13	6	5	412	558	567	734	45
	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	5	7	1	3	228	273	311	357	19
	Syphilis - Secondary	7	13	9	3	426	411	471	622	44
	Syphilis - To Be Determined	18	17	27	36	2	0	0	10	238
	Syphilis - Unknown Duration or Late	12	16	10	2	624	656	667	926	49
	<b>Subtotal</b>		1,194	1,207	1,287	1,225	70,385	70,612	70,304	69,490
Tuberculosis										
	Latent Tuberculosis Infection	23	35	29	40	1,126	2,053	1,358	1,496	175
	Nontuberculous Mycobacterium	17	9	26	16	840	854	686	767	84
	Tuberculosis	4	3	5	5	117	139	97	138	23
	<b>Subtotal</b>		44	47	60	61	2,083	3,046	2,141	2,401
VPD										
	Chickenpox (Varicella)	9	1	6	4	436	422	185	255	39
	Diphtheria	0	0	0	0	0	0	0	1	1
	H. influenzae Disease - Inv.	3	2	4	10	174	223	99	175	31
	Measles	0	0	5	0	19	46	0	7	8
	Mumps	0	1	2	1	81	29	7	13	5
	Pertussis	1	0	2	2	658	546	116	227	8
	Polio	0	0	0	0	0	0	0	0	0
	Rubella	0	0	0	2	0	0	1	9	2
	Shingles	3	12	6	9	1,252	1,222	817	614	45
	Tetanus	0	0	0	0	2	1	0	1	0
	VZ Infection, Unspecified	4	11	21	20	213	228	237	464	81
<b>Subtotal</b>		20	27	46	48	2,835	2,717	1,462	1,766	220
Vectorborne										
	Babesiosis++	0	3	1	0	5	2	1	13	4
	Chikungunya~	0	0	0	0	0	0	0	2	0

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# Reported Cases of All Reportable Conditions

## Michigan Disease Surveillance System

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		2-2022	3-2022	4-2022	5-2022	2018	2019	2020	2021	2022
	Dengue Fever	0	0	0	0	0	2	9	9	0
	Ehrlichiosis*	0	0	0	0	0	0	0	0	0
	Ehrlichiosis, Anaplasma phagocytophilum	0	0	0	0	0	2	20	81	2
	Ehrlichiosis, Anaplasma phagocytophilum	0	0	0	0	17	15	0	0	0
	Ehrlichiosis, Anaplasmosis Undetermined	0	0	0	0	0	0	0	1	0
	Ehrlichiosis, Ehrlichia chaffeensis	0	0	0	0	0	2	5	18	0
	Ehrlichiosis, Ehrlichia chaffeensis (2009-	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	0	0	0	0	1	0	0	0	0
	Ehrlichosis human, other, unsp*	0	0	0	0	0	0	0	0	0
	Encephalitis, California Serogroup	0	0	0	0	0	0	4	9	0
	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	4	0
	Encephalitis, Western Equine	0	0	0	0	0	0	0	0	0
	Lyme Disease	10	10	12	16	309	488	531	1,319	65
	Malaria	0	1	1	0	29	26	14	16	3
	Rickettsial Disease - Spotted Fever	0	1	1	1	0	2	48	17	4
	Rickettsial Disease - Typhus	0	0	0	0	0	0	0	3	0
	West Nile Virus	0	0	1	0	0	0	33	75	2
	Yellow Fever	0	0	0	0	0	0	0	0	0
	Zika~~	0	0	0	0	0	0	0	4	0
	<b>Subtotal</b>	10	15	16	17	368	542	669	1,572	80
Viral Hepatitis										
	Hepatitis A	1	2	0	4	332	80	23	43	15
	Hepatitis B, Acute	30	43	60	49	80	65	44	540	246
	Hepatitis B, Chronic	22	21	25	26	1,072	1,010	728	671	124
	Hepatitis B, Perinatal	0	0	0	0	1	0	0	0	0

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		2-2022	3-2022	4-2022	5-2022	2018	2019	2020	2021	2022
	Hepatitis C, Acute	36	47	51	67	176	133	145	158	305
	Hepatitis C, Chronic	70	89	74	74	10,328	6,139	4,417	4,715	427
	Hepatitis C, Perinatal	0	0	0	0	11	11	8	12	0
	Hepatitis E	0	0	0	2	9	5	9	14	3
	<b>Subtotal</b>	159	202	210	222	12,009	7,443	5,374	6,153	1,120

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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 5-2022																								
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
Rickettsial Disease - Spotted Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rickettsial Disease - Typhus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Salmonellosis	-	-	-	1	-	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Shiga toxin-producing Escherichia coli --(STEC)	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Shigellosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Shingles	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcal Dis, Inv, Grp A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Streptococcal Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Drug Resistant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
Streptococcus pneumoniae, Inv	-	1	-	-	-	2	1	4	-	1	-	-	-	-	-	-	1	4	-	-	-	-	-	1
Syphilis - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Syphilis - Early Latent	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Late Latent*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Latent of Unknown Duration*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Late with Manifestations*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Primary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Secondary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-
Syphilis - To Be Determined	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	3	-	-
Syphilis - Unknown Duration or Late	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trachoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichinosis	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tularemia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vibriosis - Non Cholera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VISA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VRSA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VZ Infection, Unspecified	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-
West Nile Virus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yellow Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yersinia enterocolitica	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Zika	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>	<b>1</b>	<b>7</b>	<b>0</b>	<b>6</b>	<b>13</b>	<b>974</b>	<b>10</b>	<b>38</b>	<b>10</b>	<b>37</b>	<b>3</b>	<b>21</b>	<b>1</b>	<b>8</b>	<b>110</b>	<b>947</b>	<b>55</b>	<b>314</b>	<b>0</b>	<b>8</b>	<b>38</b>	<b>196</b>	<b>26</b>	<b>865</b>

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Table of Diseases by Geographic Location																								
Time Period: Week 5-2022																								
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
Rickettsial Disease - Spotted Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Rickettsial Disease - Typhus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	2	-	-	-	-
Rubella - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Salmonellosis	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-
Shiga toxin-producing Escherichia coli --(STEC)	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1
Shigellosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-
Shingles	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-	-
Streptococcal Dis, Inv, Grp A	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	6	-	-	-	-
Streptococcal Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Drug Resistant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Inv	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	11	22	-	-	-	-
Syphilis - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Syphilis - Early Latent	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	10	-	-	-	-
Syphilis - Late Latent*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Latent of Unknown Duration*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Late with Manifestations*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Primary	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	6	-	-	-	-
Syphilis - Secondary	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	12	-	-	-	-
Syphilis - To Be Determined	-	5	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	9	48	-	1	1	2
Syphilis - Unknown Duration or Late	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	23	-	-	-	-
Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trachoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichinosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-
Tularemia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vibriosis - Non Cholera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
VISA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VRSA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
VZ Infection, Unspecified	1	1	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	3	17	-	-	-	-
West Nile Virus	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Yellow Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yersinia enterocolitica	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Zika	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>	<b>54</b>	<b>275</b>	<b>85</b>	<b>208</b>	<b>1</b>	<b>132</b>	<b>2</b>	<b>21</b>	<b>18</b>	<b>70</b>	<b>8</b>	<b>217</b>	<b>7</b>	<b>46</b>	<b>4</b>	<b>29</b>	<b>17</b>	<b>58</b>	<b>421</b>	<b>1,926</b>	<b>6</b>	<b>201</b>	<b>152</b>	<b>1,337</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 5-2022																								
Disease	Emmet		Genesee		Gladwin		Gogebic		Grand Traverse		Graftot		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
Rickettsial Disease - Spotted Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rickettsial Disease - Typhus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Salmonellosis	-	-	-	2	-	-	-	-	1	2	-	1	-	-	-	1	-	-	-	2	-	-	-	-
Shiga toxin-producing Escherichia coli --(STEC)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Shigellosis	-	-	1	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	1
Shingles	-	1	2	2	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	1	2	-	-
Streptococcal Dis, Inv, Grp A	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcal Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Drug Resistant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Inv	-	-	-	7	-	-	-	-	-	1	-	-	1	1	-	-	-	-	-	3	-	-	-	1
Syphilis - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Early Latent	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-
Syphilis - Late Latent*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Latent of Unknown Duration*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Late with Manifestations*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Primary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Secondary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - To Be Determined	-	-	1	5	-	-	-	-	-	1	-	2	-	-	-	-	-	-	1	8	-	-	-	-
Syphilis - Unknown Duration or Late	-	-	-	1	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	1	-	1	-	-
Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trachoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichinosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-	-
Tularemia	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vibriosis - Non Cholera	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VISA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VRSA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VZ Infection, Unspecified	-	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-
West Nile Virus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yellow Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yersinia enteritis	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Zika	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>	<b>3</b>	<b>230</b>	<b>126</b>	<b>558</b>	<b>9</b>	<b>64</b>	<b>1</b>	<b>18</b>	<b>17</b>	<b>132</b>	<b>5</b>	<b>65</b>	<b>42</b>	<b>494</b>	<b>1</b>	<b>11</b>	<b>3</b>	<b>90</b>	<b>63</b>	<b>361</b>	<b>5</b>	<b>134</b>	<b>1</b>	<b>19</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 5-2022																								
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
Rickettsial Disease - Spotted Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rickettsial Disease - Typhus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Salmonellosis	-	-	-	1	-	1	1	2	-	1	-	1	-	-	-	-	-	-	-	-	-	1	-	1
Shiga toxin-producing Escherichia coli --(STEC)	-	-	-	2	-	-	-	2	-	-	1	4	-	-	-	-	-	-	-	-	1	1	-	-
Shigellosis	-	-	-	1	-	-	-	1	-	-	2	4	-	-	1	1	-	-	-	1	-	-	-	-
Shingles	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Streptococcal Dis, Inv, Grp A	-	-	-	-	-	-	1	4	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1
Streptococcal Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Drug Resistant	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Inv	-	-	-	-	-	3	-	-	-	-	3	4	-	-	-	-	1	-	-	-	-	-	-	3
Syphilis - Congenital	-	-	-	-	-	1	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Early Latent	-	-	-	-	-	1	-	-	-	-	1	4	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Late Latent*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Latent of Unknown Duration*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Late with Manifestations*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Primary	-	-	-	-	-	-	1	4	-	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Secondary	-	-	-	-	-	-	-	6	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - To Be Determined	-	-	-	1	5	10	3	10	-	-	1	30	-	-	-	1	-	-	-	-	-	1	1	3
Syphilis - Unknown Duration or Late	-	-	-	-	-	1	-	2	-	-	-	6	-	-	-	-	-	-	-	-	-	-	-	-
Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trachoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichinosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis	-	-	-	1	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	1
Tularemia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vibriosis - Non Cholera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VISA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VRSA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VZ Infection, Unspecified	-	-	-	-	-	-	-	1	-	-	3	6	-	-	-	-	-	-	-	-	-	-	-	3
West Nile Virus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yellow Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yersinia enterocolitica	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1
Zika	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>	<b>3</b>	<b>88</b>	<b>137</b>	<b>611</b>	<b>55</b>	<b>594</b>	<b>135</b>	<b>880</b>	<b>7</b>	<b>95</b>	<b>161</b>	<b>785</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>7</b>	<b>5</b>	<b>37</b>	<b>1</b>	<b>12</b>	<b>13</b>	<b>73</b>	<b>281</b>	<b>1,802</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 5-2022																								
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
Rickettsial Disease - Spotted Fever	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rickettsial Disease - Typhus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Salmonellosis	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-
Shiga toxin-producing Escherichia coli --(STEC)	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Shigellosis	-	-	-	-	1	2	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-
Shingles	-	-	-	-	1	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcal Dis, Inv, Grp A	-	-	-	-	-	3	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
Streptococcal Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Drug Resistant	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Inv	-	-	-	-	1	3	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	1
Syphilis - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Syphilis - Early Latent	-	-	-	-	1	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Late Latent*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Latent of Unknown Duration*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Late with Manifestations*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Primary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Secondary	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Syphilis - To Be Determined	-	-	-	-	3	16	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Unknown Duration or Late	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trachoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichinosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis	-	-	-	-	-	5	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tularemia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vibriosis - Non Cholera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VISA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VRSA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VZ Infection, Unspecified	-	1	-	-	2	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2
West Nile Virus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Yellow Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yersinia enteritis	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-	-	-	-	-	-	-	1	-	-
Zika	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>	<b>0</b>	<b>15</b>	<b>0</b>	<b>17</b>	<b>110</b>	<b>648</b>	<b>38</b>	<b>55</b>	<b>12</b>	<b>75</b>	<b>5</b>	<b>245</b>	<b>1</b>	<b>237</b>	<b>6</b>	<b>28</b>	<b>61</b>	<b>477</b>	<b>8</b>	<b>74</b>	<b>16</b>	<b>364</b>	<b>12</b>	<b>74</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 5-2022																								
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
Rickettsial Disease - Spotted Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rickettsial Disease - Typhus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Salmonellosis	-	-	-	1	-	-	-	8	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-
Shiga toxin-producing Escherichia coli --(STEC)	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Shigellosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-
Shingles	-	-	-	1	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
Streptococcal Dis, Inv, Grp A	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcal Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Drug Resistant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Inv	-	-	-	1	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	2	-	-
Syphilis - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Early Latent	-	-	-	1	-	-	-	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Late Latent*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Latent of Unknown Duration*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Late with Manifestations*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Primary	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Secondary	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - To Be Determined	-	-	-	10	1	2	4	35	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-
Syphilis - Unknown Duration or Late	-	-	-	1	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trachoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichinosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis	-	-	-	1	-	-	1	2	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Tularemia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vibriosis - Non Cholera	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VISA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VRSA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VZ Infection, Unspecified	-	-	-	1	-	-	-	2	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-
West Nile Virus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yellow Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yersinia enterocolitica	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zika	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>	<b>1</b>	<b>9</b>	<b>51</b>	<b>513</b>	<b>156</b>	<b>350</b>	<b>365</b>	<b>3,807</b>	<b>42</b>	<b>188</b>	<b>5</b>	<b>18</b>	<b>8</b>	<b>25</b>	<b>4</b>	<b>87</b>	<b>2</b>	<b>10</b>	<b>6</b>	<b>0</b>	<b>951</b>	<b>5,669</b>	<b>7</b>	<b>14</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 5-2022																								
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthrax	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Babesiosis++	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-
Blastomycosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	5	-	3	-	-
Botulism - Foodborne	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Botulism - Infant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Botulism - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Brucellosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	-	-	-	-
Campylobacter	-	-	-	1	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	4	3	16	-	-
Candida auris	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chancroid	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chickenpox (Varicella)	-	-	-	-	-	-	-	-	-	-	6	-	-	-	1	-	-	-	4	-	-	-	-	1
Chikungunya~	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlamydia (Genital)	3	6	18	130	1	1	1	1	4	20	4	20	3	21	-	5	4	20	30	137	60	401	-	6
Cholera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Coccidioidomycosis	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	2	-	-
CP-CRE	-	1	-	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	4	3	24	-	-
Creutzfeldt-Jakob Disease	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cryptococcosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Cryptosporidiosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	1
Cyclosporiasis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Dengue Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ehrlichiosis, Anaplasma phagocytophilum	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ehrlichiosis, Anaplasma phagocytophilum (2009-2019)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ehrlichiosis, Anaplasmosis Undetermined	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ehrlichiosis, Ehrlichia chaffeensis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ehrlichiosis human, other, unsp*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis, California Serogroup	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis, Eastern Equine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis, Post Chickenpox	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis, Post Mumps	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis, Post Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis, Powassan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis, Primary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis, St. Louis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis, Western Equine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flu Like Disease*	4	4	38	556	-	-	-	-	12	57	-	259	134	537	26	348	38	89	41	400	-	260	172	496
Gastrointestinal Illness	-	4	76	505	-	-	-	-	8	77	-	-	92	340	4	65	71	150	-	-	1	3	6	-
Giardiasis	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	3	6	-
Gonorrhea	-	-	15	83	-	2	-	1	2	5	-	10	-	5	-	-	2	10	11	56	24	177	-	1
Granuloma Inguinale	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Guillain-Barre Syndrome	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-



Table of Diseases by Geographic Location																								
Time Period: Week 5-2022																								
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
Rickettsial Disease - Spotted Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-
Rickettsial Disease - Typhus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Salmonellosis	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	3	-	-
Shiga toxin-producing Escherichia coli --(STEC)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	-	-
Shigellosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Shingles	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	2	2	7	1	1	-	-
Streptococcal Dis, Inv, Grp A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	3	-	-
Streptococcal Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Drug Resistant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Inv	-	-	-	3	-	-	-	-	-	-	-	-	1	1	-	2	-	1	-	1	3	14	-	-
Syphilis - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Syphilis - Early Latent	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	1	1	-	1	-	9	-	-	-
Syphilis - Late Latent*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Latent of Unknown Duration*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Late with Manifestations*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Primary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	2	-	-
Syphilis - Secondary	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	7	-	-	-
Syphilis - To Be Determined	-	-	1	8	-	1	-	-	-	1	-	-	-	-	-	-	-	-	5	4	18	-	-	-
Syphilis - Unknown Duration or Late	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	-	-
Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trachoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichinosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	6	-	-
Tularemia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vibriosis - Non Cholera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	1	2	-	-
VISA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VRSA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VZ Infection, Unspecified	-	-	-	-	-	2	-	-	-	-	-	-	1	-	-	-	-	-	1	2	6	31	-	-
West Nile Virus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yellow Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yersinia enterocolitica	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1
Zika	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>	<b>14</b>	<b>44</b>	<b>174</b>	<b>1,410</b>	<b>7</b>	<b>50</b>	<b>1</b>	<b>4</b>	<b>29</b>	<b>169</b>	<b>6</b>	<b>325</b>	<b>243</b>	<b>955</b>	<b>47</b>	<b>483</b>	<b>117</b>	<b>279</b>	<b>199</b>	<b>1,433</b>	<b>359</b>	<b>2,131</b>	<b>181</b>	<b>576</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: 02/05/2020 - 02/05/2022

Time Breakdown: by Week

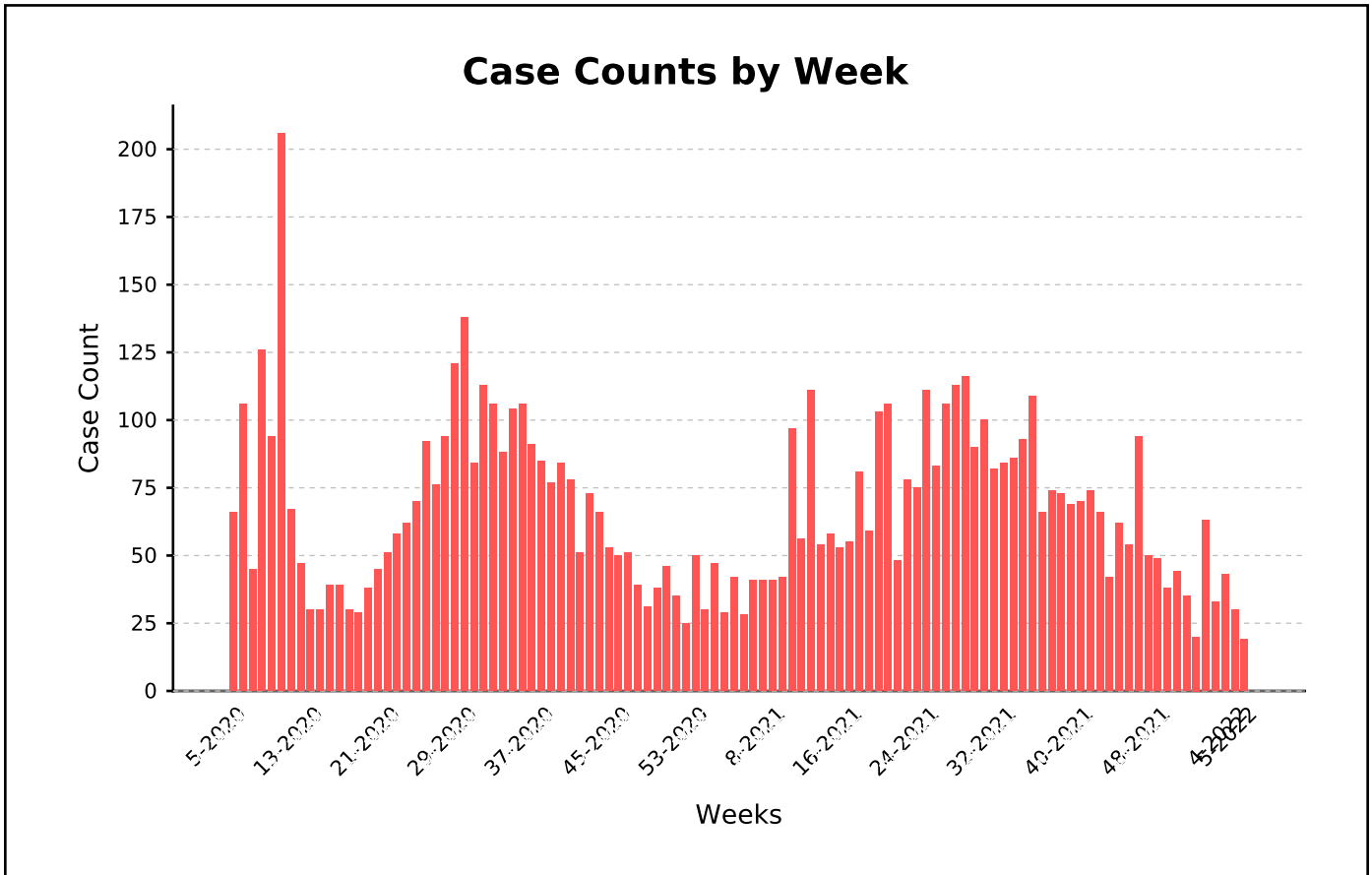
Geographic Area: The State of Michigan

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
5-2020	66	20-2020	45	35-2020	106	50-2020	46	12-2021	111
6-2020	106	21-2020	51	36-2020	91	51-2020	35	13-2021	54
7-2020	45	22-2020	58	37-2020	85	52-2020	25	14-2021	58
8-2020	126	23-2020	62	38-2020	77	53-2020	50	15-2021	53
9-2020	94	24-2020	70	39-2020	84	1-2021	30	16-2021	55
10-2020	206	25-2020	92	40-2020	78	2-2021	47	17-2021	81
11-2020	67	26-2020	76	41-2020	51	3-2021	29	18-2021	59
12-2020	47	27-2020	94	42-2020	73	4-2021	42	19-2021	103
13-2020	30	28-2020	121	43-2020	66	5-2021	28	20-2021	106
14-2020	30	29-2020	138	44-2020	53	6-2021	41	21-2021	48
15-2020	39	30-2020	84	45-2020	50	7-2021	41	22-2021	78
16-2020	39	31-2020	113	46-2020	51	8-2021	41	23-2021	75
17-2020	30	32-2020	106	47-2020	39	9-2021	42	24-2021	111
18-2020	29	33-2020	88	48-2020	31	10-2021	97	25-2021	83
19-2020	38	34-2020	104	49-2020	38	11-2021	56	26-2021	106

<b>Week</b>	<b>Total</b>
27-2021	113
28-2021	116
29-2021	90
30-2021	100
31-2021	82
32-2021	84
33-2021	86
34-2021	93
35-2021	109
36-2021	66
37-2021	74
38-2021	73
39-2021	69
40-2021	70
41-2021	74
42-2021	66
43-2021	42
44-2021	62
45-2021	54
46-2021	94
47-2021	50
48-2021	49
49-2021	38
50-2021	44
51-2021	35
52-2021	20
1-2022	63
2-2022	33
3-2022	43
4-2022	30
5-2022	19

# Report 8: Epi-Curve Graph

Time Period: 02/05/2020 - 02/05/2022

Time Breakdown: by Week

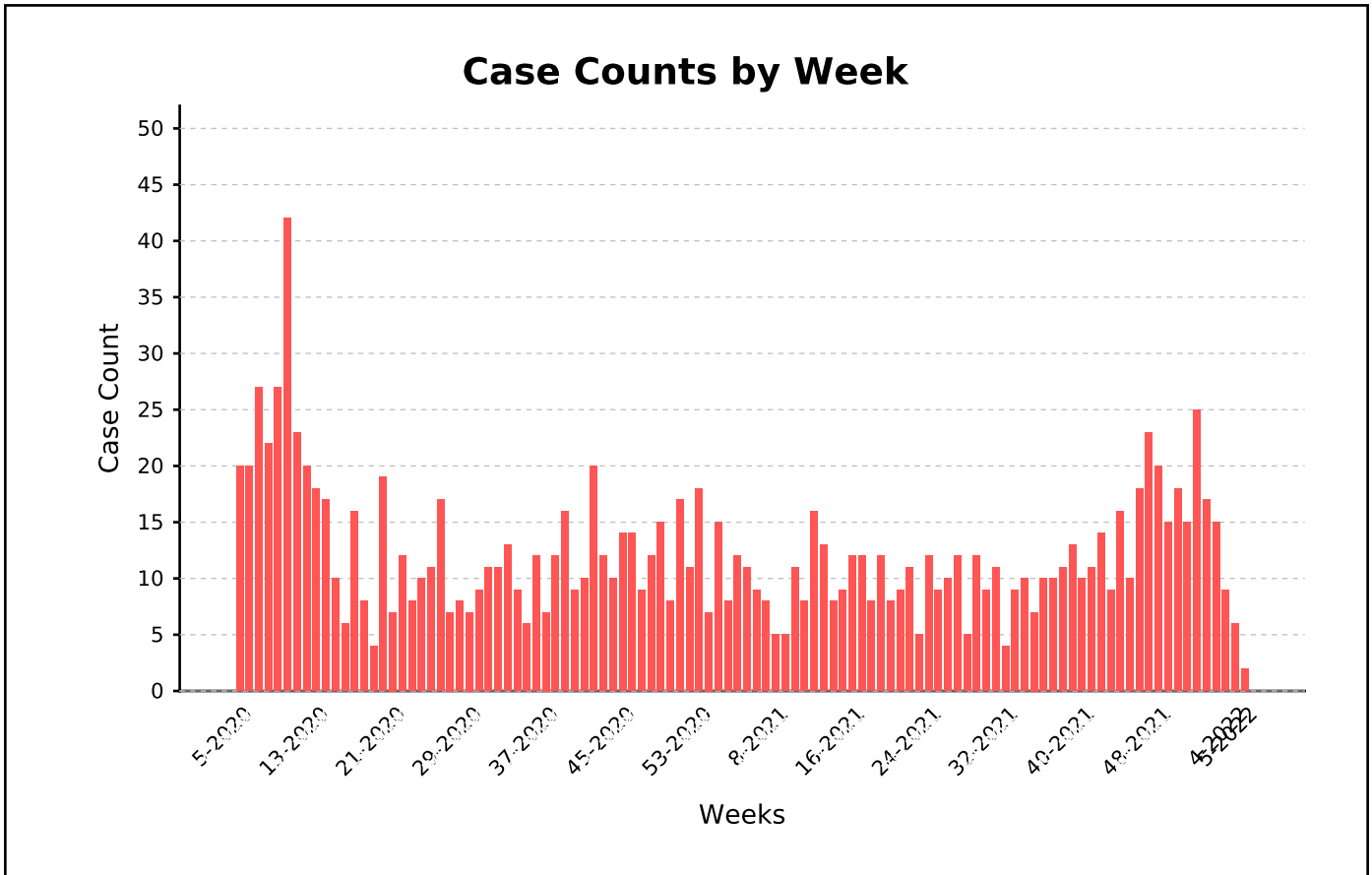
Geographic Area: The State of Michigan

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



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