



Weekly Disease Report For The Week Ending December 18th, 2021 (MMWR Week 50)

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.

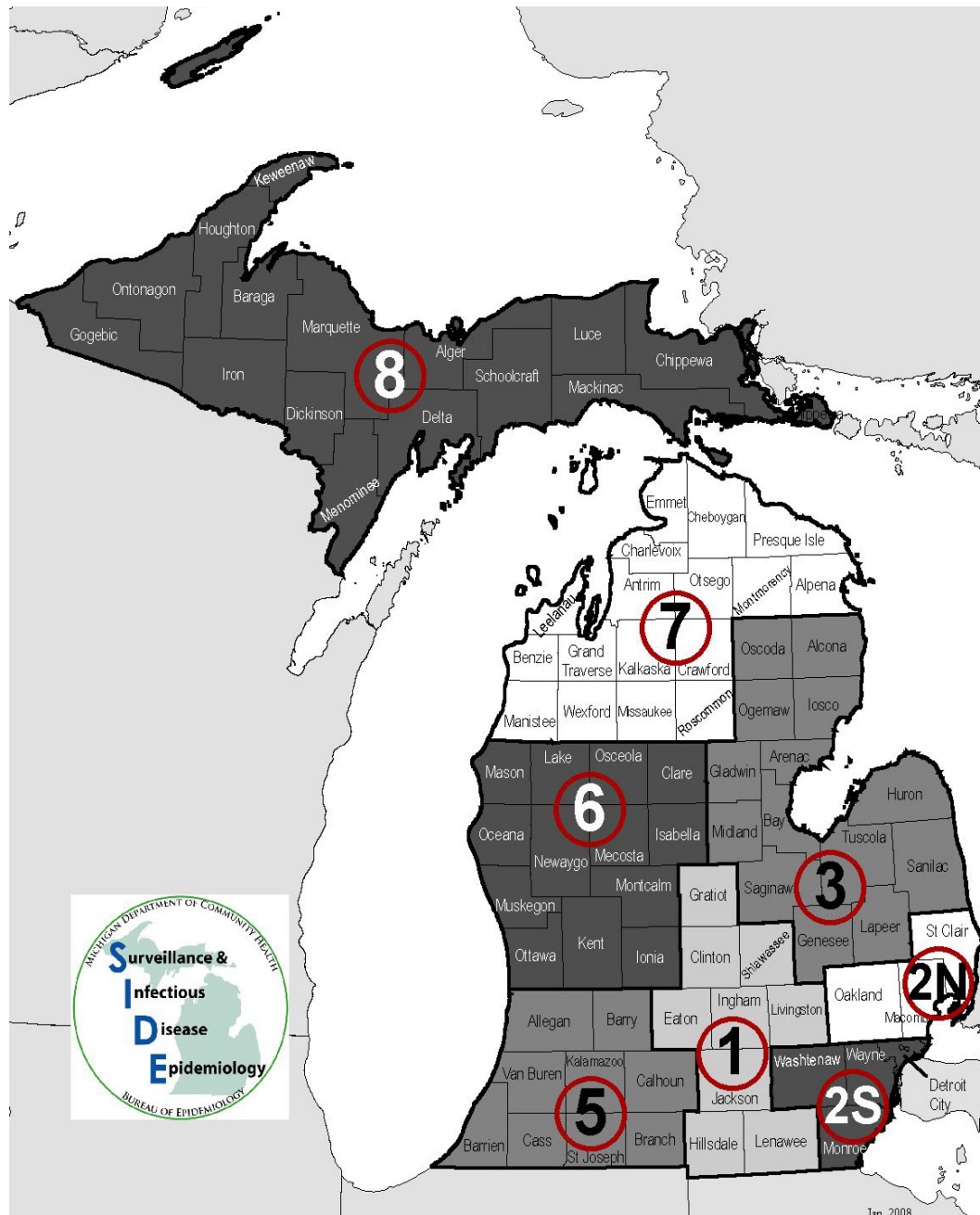
The data in the Weekly Disease Report are provisional, based on current reports to MDHHS by local health departments. The MDSS is a dynamic, continually active system: counts of disease are constantly changing as cases are investigated, confirmed as cases, or ruled out as not meeting the case definition. 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 38th 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***				
		47-2021	48-2021	49-2021	50-2021	2017	2018	2019	2020	2021
COVID19/MIS										
	Multisystem Inflammatory Syndrome	1	1	8	6	0	0	0	81	141
	Subtotal	1	1	8	6	0	0	0	81	141
Foodborne										
	Amebiasis	0	0	0	0	6	2	9	7	6
	Botulism - Foodborne	0	0	0	1	0	0	0	0	3
	Campylobacter	24	19	15	11	1,738	1,705	1,705	1,221	1,454
	Cryptosporidiosis	3	2	2	4	425	383	419	245	241
	Giardiasis	9	10	4	10	568	465	428	378	414
	Listeriosis	2	0	1	0	0	19	29	29	35
	Listeriosis (2014-2017)*	0	0	0	0	30	4	1	0	0
	Norovirus	1	7	1	16	1,087	1,011	1,481	583	588
	Paratyphoid Fever	0	0	0	0	0	1	4	4	2
	Salmonellosis	10	16	9	4	1,093	1,163	1,077	905	850
	Shiga toxin-producing Escherichia coli --	1	7	6	3	0	0	284	211	262
	Shigellosis	2	4	2	1	460	209	219	151	162
	Typhoid Fever	0	0	0	0	14	6	10	1	3
	Yersinia enterocolitica	2	0	1	1	66	82	76	81	96
	Subtotal	54	65	41	51	5,487	5,050	5,742	3,816	4,116
Influenza										
	Flu Like Disease*	1,357	2,869	3,238	1,162	394,863	379,206	323,372	193,798	70,301
	Influenza	222	418	510	594	26,014	47,207	32,015	33,054	4,895
	Influenza, Novel	0	0	0	0	2	3	1	0	0
	Respiratory Syncytial Virus	6	5	5	1	0	0	0	0	24
	Subtotal	1,585	3,292	3,753	1,757	420,879	426,416	355,388	226,852	75,220
Meningitis										
	Meningitis - Aseptic	8	2	6	4	659	827	458	259	263
	Meningitis - Bacterial Other	3	1	2	0	126	149	121	103	131
	Meningococcal Disease	0	0	0	0	6	4	8	3	7
	Streptococcus pneumoniae, Inv	27	19	16	14	842	791	938	529	496
	Subtotal	38	22	24	18	1,633	1,771	1,525	894	897

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		47-2021	48-2021	49-2021	50-2021	2017	2018	2019	2020	2021
Other	Acute Flaccid Myelitis (AFM)	0	0	0	0	0	6	3	4	0
	Anthrax	0	0	0	0	0	0	0	0	0
	Blastomycosis	2	14	9	8	22	20	26	24	76
	Botulism - Infant	0	0	0	0	0	1	0	2	0
	Botulism - Other	0	0	0	0	0	2	0	1	2
	Brucellosis	0	0	0	0	2	4	1	4	7
	CP-CRE	8	21	23	30	0	0	19	267	542
	Candida auris	0	0	0	0	0	0	0	0	2
	Cholera	0	0	0	0	0	0	2	1	1
	Coccidioidomycosis	2	0	0	1	43	40	52	54	91
	Creutzfeldt-Jakob Disease	1	0	0	0	13	12	15	10	16
	Cryptococcosis	0	0	1	0	15	15	18	24	28
	Cyclosporiasis	1	1	0	0	0	0	1	25	48
	Encephalitis, Post Chickenpox	0	0	0	0	0	1	1	0	0
	Encephalitis, Post Mumps	0	0	0	0	0	0	0	0	0
	Encephalitis, Post Other	0	0	0	0	21	10	14	10	18
	Encephalitis, Primary	0	0	0	0	15	18	14	16	10
	Gastrointestinal Illness	729	1,176	1,824	579	158,881	154,968	138,801	61,476	44,458
	Guillain-Barre Syndrome	0	1	1	0	54	48	63	50	60
	Hantavirus	0	0	0	0	0	0	0	0	1
	Hantavirus, Other	0	0	0	0	0	0	0	0	0
	Hantavirus, Pulmonary	0	0	0	0	0	0	0	0	1
	Hemolytic Uremic Syndrome	0	0	0	0	0	0	8	5	3
	Hemorrhagic Fever	0	0	0	0	0	0	0	0	0
	Histoplasmosis	9	7	9	8	178	169	234	193	293
	Kawasaki	3	3	5	1	46	35	55	63	49
Legionellosis	7	0	3	2	349	643	561	385	585	
Leprosy	0	0	0	0	0	1	0	0	1	
Leptospirosis	0	1	0	0	4	1	3	3	3	
Melioidosis+	0	0	0	0	1	0	0	0	0	

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		47-2021	48-2021	49-2021	50-2021	2017	2018	2019	2020	2021
	Novel Coronavirus SARS/MERS	0	0	0	0	0	1	0	0	0
	Plague	0	0	0	0	0	0	0	0	0
	Psittacosis	0	0	1	0	1	4	0	2	6
	Q Fever Acute	0	0	1	0	3	4	5	4	2
	Q Fever Chronic	0	0	0	0	3	1	0	1	1
	Q Fever*	1	0	1	2	0	3	2	3	12
	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	6	6	10	2	458	428	449	340	258
	Streptococcal Toxic Shock	0	0	0	0	2	5	5	4	4
	Streptococcus pneumoniae, Drug Resistant	0	2	0	0	110	96	80	32	29
	Toxic Shock	0	1	0	0	2	4	7	3	4
	Trachoma	0	0	0	0	0	0	0	2	1
	Trichinosis	0	0	0	1	0	0	0	0	3
	Tularemia	0	0	0	0	0	2	1	0	2
	VISA	0	0	0	0	7	8	11	0	4
	VRSA	0	0	0	0	0	0	0	0	1
	Vibriosis - Non Cholera	1	1	0	1	1	0	34	27	48
	Subtotal	770	1,234	1,888	635	160,231	156,550	140,485	63,035	46,670
Rabies										
	Rabies Animal	1	1	0	0	44	76	58	55	51
	Rabies: Potential Exposure & PEP	46	56	36	56	0	50	5,453	3,649	3,638
	Subtotal	47	57	36	56	44	126	5,511	3,704	3,689
STD										
	Chancroid	0	0	0	0	1	0	0	0	2
	Chlamydia (Genital)	642	907	894	834	51,731	51,616	50,421	44,846	43,984
	Gonorrhea	300	409	395	382	15,388	17,047	18,277	23,405	21,387
	Granuloma Inguinale	0	0	0	0	0	0	0	0	0
	Lymphogranuloma venereum	0	0	0	0	8	16	1	8	4

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		47-2021	48-2021	49-2021	50-2021	2017	2018	2019	2020	2021
	Syphilis - Congenital	0	1	1	4	10	14	16	29	43
	Syphilis - Early Latent	6	13	6	1	342	412	558	567	691
	Syphilis - Late Latent*	0	0	0	0	415	0	0	0	0
	Syphilis - Late with Manifestations*	0	0	0	0	20	0	0	0	0
	Syphilis - Latent of Unknown Duration*	0	0	0	0	26	0	0	0	1
	Syphilis - Primary	3	5	4	3	165	228	273	311	340
	Syphilis - Secondary	7	7	6	1	315	426	411	471	581
	Syphilis - To Be Determined	10	20	35	113	0	2	0	0	279
	Syphilis - Unknown Duration or Late	7	14	11	6	8	624	656	667	866
	Subtotal		975	1,376	1,352	1,344	68,429	70,385	70,613	70,304
Tuberculosis										
	Latent Tuberculosis Infection	33	13	26	30	123	1,126	2,053	1,367	1,484
	Nontuberculous Mycobacterium	15	32	18	10	346	840	855	686	727
	Tuberculosis	2	5	7	4	135	117	139	96	144
	Subtotal		50	50	51	44	604	2,083	3,047	2,149
VPD										
	Chickenpox (Varicella)	4	11	9	12	543	436	422	185	250
	Diphtheria	0	0	0	0	0	0	0	0	1
	H. influenzae Disease - Inv.	10	8	8	6	199	174	223	99	168
	Measles	0	0	1	2	2	19	46	0	7
	Mumps	0	2	0	1	47	81	29	7	15
	Pertussis	6	3	4	3	761	658	546	116	225
	Polio	0	0	0	0	0	0	0	0	0
	Rubella	0	0	0	1	0	0	0	1	8
	Shingles	9	10	12	4	976	1,252	1,222	817	602
	Tetanus	0	0	0	0	2	2	1	0	1
	VZ Infection, Unspecified	9	13	12	12	270	213	228	237	465
Subtotal		38	47	46	41	2,800	2,835	2,717	1,462	1,742
Vectorborne										
	Babesiosis++	0	0	0	0	3	5	2	1	12
	Chikungunya~	0	0	0	0	0	0	0	0	2

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		47-2021	48-2021	49-2021	50-2021	2017	2018	2019	2020	2021
	Dengue Fever	0	0	1	0	0	0	2	9	9
	Ehrlichiosis*	0	0	0	0	0	0	0	0	0
	Ehrlichiosis, Anaplasma phagocytophilum	3	2	1	1	1	0	2	20	90
	Ehrlichiosis, Anaplasma phagocytophilum	0	0	0	0	15	17	15	0	0
	Ehrlichiosis, Anaplasmosis Undetermined	0	0	0	0	0	0	0	0	1
	Ehrlichiosis, Ehrlichia chaffeensis	0	0	0	0	0	0	2	5	18
	Ehrlichiosis, Ehrlichia chaffeensis (2009-	0	0	0	0	3	7	3	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	3	1	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	0	4	9
	Encephalitis, Eastern Equine	0	0	0	0	0	0	0	4	1
	Encephalitis, Powassan	0	0	0	0	0	0	0	0	0
	Encephalitis, St. Louis	0	0	0	0	0	0	0	0	4
	Encephalitis, Western Equine	0	0	0	0	0	0	0	0	0
	Lyme Disease	15	11	14	27	349	309	487	531	1,323
	Malaria	0	2	1	0	45	29	26	14	14
	Rickettsial Disease - Spotted Fever	0	0	0	0	0	0	2	48	17
	Rickettsial Disease - Typhus	0	0	0	0	0	0	0	0	3
	West Nile Virus	0	0	0	0	0	0	0	33	71
	Yellow Fever	0	0	0	0	0	0	0	0	0
	Zika~~	1	0	0	0	0	0	0	0	5
	Subtotal	19	15	17	28	419	368	541	669	1,579
Viral Hepatitis										
	Hepatitis A	5	2	0	2	705	332	80	23	49
	Hepatitis B, Acute	42	50	46	76	63	80	65	45	1,922
	Hepatitis B, Chronic	22	26	42	33	1,213	1,072	1,010	728	855
	Hepatitis B, Perinatal	0	0	0	0	1	1	1	0	0

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		47-2021	48-2021	49-2021	50-2021	2017	2018	2019	2020	2021
	Hepatitis C, Acute	22	33	33	41	233	176	133	145	818
	Hepatitis C, Chronic	76	89	86	108	11,951	10,332	6,145	4,420	4,616
	Hepatitis C, Perinatal	1	0	0	0	3	11	10	8	14
	Hepatitis E	1	0	0	1	5	9	5	9	13
	Subtotal	169	200	207	261	14,174	12,013	7,449	5,378	8,287

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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

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 50-2021																								
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-
Rubella - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Salmonellosis	-	1	-	-	-	12	-	3	-	1	-	-	-	-	-	16	-	6	-	5	-	18	-	7
Shiga toxin-producing Escherichia coli --(STEC)	-	-	-	-	-	5	-	-	-	1	-	1	-	-	-	3	-	3	-	1	-	1	-	2
Shigellosis	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	3	-	-	-	4	-	-
Shingles	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	7	-	3	-	-	-	2	-	-
Streptococcal Dis, Inv, Grp A	-	1	-	-	-	-	-	-	-	1	-	2	-	-	-	-	-	-	-	-	-	10	-	5
Streptococcal Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Drug Resistant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	2	-	-	-
Streptococcus pneumoniae, Inv	-	1	-	-	1	5	-	1	-	1	-	-	-	-	-	6	-	2	-	1	1	10	-	1
Syphilis - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Early Latent	-	1	-	-	-	3	-	-	-	1	-	-	-	-	-	2	-	4	-	-	-	2	-	-
Syphilis - Late Latent*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Latent of Unknown Duration*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Late with Manifestations*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Primary	-	-	-	-	-	3	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	2	-	-
Syphilis - Secondary	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	2	-	2	-	-	-	2	-	3
Syphilis - To Be Determined	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	2	-	-	1	1	-	1
Syphilis - Unknown Duration or Late	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	2	-	5	-	-	-	6	-	-
Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxic Shock	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Trachoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichinosis	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	1
Tularemia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vibriosis - Non Cholera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	1	-	2
VISA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VRSA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VZ Infection, Unspecified	-	-	-	-	-	8	-	-	-	2	-	1	-	-	-	-	-	2	-	3	-	3	-	1
West Nile Virus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Yellow Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yersinia enteritis	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	2	-	1	-	2
Zika	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	1	53	0	39	30	5,717	1	116	1	217	9	189	2	139	4	3,044	73	1,896	4	98	46	1,915	278	4,857

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Table of Diseases by Geographic Location																								
Time Period: Week 50-2021																								
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
Acute Flaccid Myelitis (AFM)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Amebiasis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthrax	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Babesiosis++	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	2	-	-	-
Blastomycosis	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	1	1	-	1	-	-
Botulism - Foodborne	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	-	-	-	-
Botulism - Infant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Botulism - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-
Brucellosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Campylobacter	-	20	-	3	-	8	-	7	-	6	-	9	-	16	-	5	-	8	1	65	-	18	-	13
Candida auris	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chancroid	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chickenpox (Varicella)	1	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	1	-	5
Chikungunya~	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlamydia (Genital)	10	877	4	157	2	38	-	43	1	77	1	61	4	213	-	20	1	46	183	8,830	1	60	5	354
Cholera	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Coccidioidomycosis	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	2	-	4	-	-	-	-
CP-CRE	-	3	-	2	-	-	-	3	-	1	-	1	-	3	-	-	-	-	15	170	-	-	-	1
Creutzfeldt-Jakob Disease	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-
Cryptococcosis	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-
Cryptosporidiosis	-	7	-	2	-	2	-	1	-	1	-	-	-	1	-	1	-	3	-	2	-	6	-	-
Cyclosporiasis	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	3	-	1	-	-
Dengue Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ehrlichiosis, Anaplasma phagocytophilum	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	24	-	-
Ehrlichiosis, Anaplasma phagocytophilum (2009-2019)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ehrlichiosis, Anaplasmosis Undetermined	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Ehrlichiosis, Ehrlichia chaffeensis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-
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	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis, Eastern Equine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis, Post Chickenpox	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis, Post Mumps	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis, Post Other	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-
Encephalitis, Powassan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis, Primary	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis, St. Louis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis, Western Equine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flu Like Disease*	15	1,741	-	451	-	262	-	-	-	1	-	338	-	-	1	1	-	64	-	-	18	537	-	1,480
Gastrointestinal Illness	-	2,029	-	670	-	37	-	-	-	94	-	474	-	-	-	-	-	-	-	7	675	-	3,431	
Giardiasis	-	6	-	-	1	6	-	-	-	3	-	-	1	2	-	-	-	1	-	14	-	4	-	7
Gonorrhea	8	508	5	68	-	5	-	8	-	12	-	20	1	75	-	5	1	2	83	5,632	-	4	3	162
Granuloma Inguinale	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Guillain-Barre Syndrome	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1

Table of Diseases by Geographic Location																								
Time Period: Week 50-2021																								
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	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Rickettsial Disease - Typhus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-
Rubella - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Salmonellosis	-	16	-	8	-	3	-	1	-	9	-	4	-	6	-	-	-	-	-	29	-	2	-	13
Shiga toxin-producing Escherichia coli --(STEC)	-	5	-	1	-	2	-	-	-	-	-	5	-	2	-	1	-	1	-	5	-	2	-	5
Shigellosis	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	18	-	-	-	2
Shingles	-	18	-	1	-	2	-	-	-	-	-	-	-	1	-	-	-	1	-	12	-	-	-	4
Streptococcal Dis, Inv, Grp A	-	6	-	2	-	-	-	2	-	-	-	1	-	1	-	-	-	-	-	42	-	-	-	2
Streptococcal Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1
Streptococcus pneumoniae, Drug Resistant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	3	-	-	-	-
Streptococcus pneumoniae, Inv	1	21	-	2	-	1	-	-	-	-	-	4	-	2	-	3	-	2	-	58	-	1	-	5
Syphilis - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	21	-	-	-	-
Syphilis - Early Latent	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	231	-	1	-	2
Syphilis - Late Latent*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Latent of Unknown Duration*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Syphilis - Late with Manifestations*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Primary	1	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	118	-	-	-	3
Syphilis - Secondary	-	8	-	-	-	1	-	-	-	1	-	1	-	1	-	-	-	-	-	195	-	1	-	1
Syphilis - To Be Determined	-	-	-	-	-	-	-	-	-	-	-	-	2	3	-	-	-	-	30	53	-	-	1	4
Syphilis - Unknown Duration or Late	-	9	-	1	-	-	-	-	-	1	-	1	-	4	-	-	-	-	2	287	-	1	-	7
Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trachoma	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichinosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	-	-	-	-
Tularemia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vibriosis - Non Cholera	-	1	-	1	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2
VISA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VRSA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VZ Infection, Unspecified	-	1	-	1	-	1	-	5	-	-	-	-	-	10	-	2	-	1	-	71	-	-	-	1
West Nile Virus	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	9	-	-	-	-
Yellow Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yersinia enteritis	-	6	-	2	-	-	-	2	-	-	-	-	-	-	-	2	-	1	-	3	-	-	-	1
Zika	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Total	54	5,516	13	1,468	3	407	2	154	9	266	3	1,079	10	487	5	63	3	236	431	18,298	27	1,485	13	5,681

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 50-2021																								
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	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rickettsial Disease - Typhus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella	-	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Salmonellosis	-	1	-	38	-	3	-	-	-	7	-	4	-	4	-	3	-	1	-	21	-	8	-	3
Shiga toxin-producing Escherichia coli --(STEC)	-	1	-	4	-	1	-	1	-	7	-	3	-	2	-	-	-	2	-	23	-	1	1	1
Shigellosis	-	-	-	3	-	-	-	-	-	2	-	2	-	-	-	2	-	1	-	5	-	-	-	-
Shingles	-	6	-	10	-	-	-	-	-	7	-	-	-	-	-	2	-	-	-	29	-	6	-	-
Streptococcal Dis, Inv, Grp A	-	-	-	13	-	-	-	-	-	2	-	5	-	1	-	-	-	1	-	6	-	2	-	-
Streptococcal Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Drug Resistant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Streptococcus pneumoniae, Inv	-	-	1	27	-	2	-	1	-	4	1	2	-	2	-	3	-	2	-	16	1	5	-	2
Syphilis - Congenital	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Early Latent	-	1	-	10	-	-	-	-	-	3	-	3	-	-	-	-	-	-	22	-	2	-	-	-
Syphilis - Late Latent*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Latent of Unknown Duration*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Late with Manifestations*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Primary	-	-	-	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	1	-	-
Syphilis - Secondary	-	-	-	9	-	1	-	-	-	1	-	1	-	1	-	-	-	1	-	11	-	2	-	-
Syphilis - To Be Determined	-	-	2	8	-	-	-	-	-	-	1	1	-	-	-	-	-	-	4	10	-	-	-	-
Syphilis - Unknown Duration or Late	-	-	-	28	-	-	-	1	-	-	-	1	-	-	-	1	-	-	-	33	-	1	-	-
Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxic Shock	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trachoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichinosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis	-	1	-	8	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	2	-	2	-	-
Tularemia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vibriosis - Non Cholera	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	2	-	1	-	-
VISA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VRSA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VZ Infection, Unspecified	-	5	-	16	-	2	-	-	-	1	-	-	-	1	-	1	-	1	-	2	-	4	-	-
West Nile Virus	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Yellow Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yersinia enteritis	-	-	-	2	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	6	-	1	-	-
Zika	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	24	1,307	99	5,287	22	364	3	488	14	609	5	238	203	2,132	5	356	41	1,160	92	3,458	35	717	4	80

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 50-2021																								
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	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Rickettsial Disease - Typhus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Salmonellosis	-	-	-	2	-	17	1	20	-	2	-	66	-	-	-	3	-	8	-	1	-	9	-	9
Shiga toxin-producing Escherichia coli --(STEC)	-	-	-	1	-	3	-	12	-	-	-	23	-	-	-	1	-	3	-	-	-	4	-	3
Shigellosis	-	-	-	1	-	-	-	7	-	-	1	20	-	-	-	-	1	-	1	-	1	-	1	-
Shingles	-	-	-	-	-	9	1	37	-	-	-	34	-	-	-	-	-	-	-	-	-	2	1	29
Streptococcal Dis, Inv, Grp A	-	-	-	-	-	5	-	12	-	-	1	23	-	-	-	1	-	3	-	-	-	1	-	4
Streptococcal Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Drug Resistant	-	-	-	1	-	2	-	5	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Streptococcus pneumoniae, Inv	-	2	-	2	-	7	1	14	-	-	1	35	-	-	1	2	-	6	-	1	-	3	-	6
Syphilis - Congenital	-	-	-	-	-	1	1	4	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Early Latent	-	1	-	-	-	5	-	26	-	-	-	32	-	-	-	1	-	-	-	-	-	1	-	3
Syphilis - Late Latent*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Latent of Unknown Duration*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Late with Manifestations*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Primary	-	-	-	-	-	-	-	30	-	-	1	22	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Secondary	-	-	-	-	-	4	-	34	-	-	-	40	-	-	-	-	1	-	-	-	-	2	-	2
Syphilis - To Be Determined	-	-	-	-	2	6	3	7	-	-	8	33	-	-	-	2	-	-	-	-	-	1	-	-
Syphilis - Unknown Duration or Late	-	-	-	3	-	34	-	35	-	-	2	62	-	-	-	9	-	1	-	2	-	5	-	3
Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trachoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichinosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis	-	-	-	1	-	2	-	2	-	-	-	6	-	-	-	-	-	-	-	-	-	-	-	1
Tularemia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vibriosis - Non Cholera	-	-	-	-	-	1	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	1
VISA	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VRSA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VZ Infection, Unspecified	-	1	-	-	-	4	-	-	-	3	3	22	-	-	-	1	-	2	-	2	-	1	2	7
West Nile Virus	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-
Yellow Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yersinia enteritis	-	-	-	1	-	1	-	3	-	-	-	9	-	-	-	-	1	-	-	-	-	1	-	4
Zika	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	10	425	17	1,806	61	4,429	91	8,916	1	316	236	7,468	0	8	11	505	2	972	0	96	27	688	293	11,307

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 50-2021																								
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rickettsial Disease - Typhus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Salmonellosis	-	1	-	-	1	62	-	4	-	8	-	5	-	10	-	3	-	14	-	4	-	7	-	10
Shiga toxin-producing Escherichia coli --(STEC)	-	-	-	-	1	14	-	2	-	-	-	2	-	5	-	2	-	1	-	2	-	3	-	3
Shigellosis	-	-	-	-	-	8	-	-	-	-	-	-	-	1	-	1	-	-	-	1	-	3	-	-
Shingles	-	-	-	-	-	148	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	1
Streptococcal Dis, Inv, Grp A	-	-	-	1	-	16	-	-	-	-	-	2	-	1	-	-	-	2	-	-	-	3	-	2
Streptococcal Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Drug Resistant	-	-	-	1	-	2	-	-	-	1	-	-	-	-	-	-	-	2	-	-	-	-	-	-
Streptococcus pneumoniae, Inv	-	-	-	1	2	24	-	4	1	1	-	1	-	6	-	1	-	4	-	1	-	3	-	4
Syphilis - Congenital	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Early Latent	-	-	-	-	-	62	-	-	-	1	-	-	-	2	-	-	-	1	-	1	-	5	-	2
Syphilis - Late Latent*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Latent of Unknown Duration*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Late with Manifestations*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Primary	-	-	-	-	-	32	-	-	-	-	-	-	-	2	-	1	-	-	-	-	-	1	-	-
Syphilis - Secondary	-	-	-	-	1	55	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	2	-	1
Syphilis - To Be Determined	-	1	-	-	11	19	-	-	3	3	-	-	-	-	-	1	-	-	-	-	1	3	1	3
Syphilis - Unknown Duration or Late	-	1	-	-	-	63	-	-	-	1	-	-	-	3	-	-	-	1	-	-	-	3	-	-
Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trachoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichinosis	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis	-	-	-	-	1	17	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	1
Tularemia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vibriosis - Non Cholera	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
VISA	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VRSA	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VZ Infection, Unspecified	-	-	1	1	1	2	-	1	-	-	-	1	-	1	-	2	-	2	-	1	-	-	-	6
West Nile Virus	-	-	-	-	-	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Yellow Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yersinia enteritis	-	-	-	-	1	1	-	-	-	-	-	1	-	2	-	-	-	2	-	-	-	2	-	-
Zika	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	0	54	3	52	171	6,375	2	111	19	481	0	1,413	4	927	5	179	58	2,719	3	207	15	1,699	12	1,175

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 50-2021																								
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	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rickettsial Disease - Typhus	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Salmonellosis	-	2	-	15	-	4	-	82	-	9	-	5	-	-	-	2	-	-	-	-	-	-	36	-
Shiga toxin-producing Escherichia coli --(STEC)	-	-	-	4	-	1	1	18	-	-	-	-	-	-	-	2	-	-	-	-	-	-	5	-
Shigellosis	-	-	-	5	-	-	-	16	-	1	-	-	-	-	-	-	-	-	-	-	-	-	2	-
Shingles	-	-	-	3	1	3	-	74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	1
Streptococcal Dis, Inv, Grp A	-	1	1	11	-	1	-	9	-	-	-	-	-	-	-	-	1	-	-	-	-	3	-	
Streptococcal Toxic Shock	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Drug Resistant	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Streptococcus pneumoniae, Inv	-	-	-	12	-	4	1	26	-	2	-	1	-	-	-	4	-	3	-	-	-	-	14	-
Syphilis - Congenital	-	-	-	1	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-
Syphilis - Early Latent	-	-	-	3	-	1	-	105	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-
Syphilis - Late Latent*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Latent of Unknown Duration*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Late with Manifestations*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Primary	-	-	-	4	-	-	-	26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-
Syphilis - Secondary	-	-	-	1	-	1	-	77	-	-	-	-	-	-	-	2	-	-	-	-	-	-	3	-
Syphilis - To Be Determined	-	-	4	19	-	-	17	32	-	-	-	-	-	-	-	-	-	-	-	-	-	3	14	-
Syphilis - Unknown Duration or Late	-	-	-	11	-	1	-	81	-	-	-	-	-	1	-	-	-	-	-	-	-	1	11	-
Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trachoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichinosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis	-	1	-	1	-	-	3	41	-	1	-	-	-	1	-	-	-	-	-	-	-	-	1	-
Tularemia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Typhoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vibriosis - Non Cholera	-	-	-	1	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-
VISA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VRSA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VZ Infection, Unspecified	-	-	-	9	-	-	1	17	-	2	-	-	-	-	-	2	-	-	-	-	-	-	4	-
West Nile Virus	-	-	-	1	-	1	-	12	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yellow Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yersinia enteritis	-	-	-	1	-	-	-	8	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-
Zika	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	0	20	44	2,713	106	662	248	8,067	72	1,733	2	70	1	222	5	317	1	41	16	0	39	31,183	0	32

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 50-2021																								
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)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Amebiasis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-
Anthrax	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Babesiosis++	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-
Blastomycosis	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	5	25	-	6	-	-	-
Botulism - Foodborne	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Botulism - Infant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Botulism - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Brucellosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	1	-	-	-
Campylobacter	-	3	1	24	-	5	-	3	2	15	-	21	-	15	-	5	-	21	-	65	3	174	-	8
Candida auris	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chancroid	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chickenpox (Varicella)	-	-	-	3	-	1	-	1	-	1	-	5	-	-	-	2	-	-	1	7	2	15	-	-
Chikungunya~	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Chlamydia (Genital)	2	28	19	1,220	-	49	1	12	1	152	4	327	3	189	-	95	1	224	30	1,430	66	4,458	-	58
Cholera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Coccidioidomycosis	-	1	-	3	-	2	-	-	-	2	-	-	-	1	-	1	-	-	2	-	10	-	-	-
CP-CRE	-	-	-	5	-	-	-	-	-	3	-	12	-	2	-	2	-	4	-	18	6	103	-	-
Creutzfeldt-Jakob Disease	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	3	-	-	-
Cryptococcosis	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	4	-	-	-
Cryptosporidiosis	-	1	-	6	-	3	-	-	-	-	-	2	-	3	-	4	-	6	-	14	1	7	-	5
Cyclosporiasis	-	-	-	2	-	-	-	-	-	-	-	-	-	1	-	-	-	3	-	3	-	3	-	-
Dengue Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-
Diphtheria	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Ehrlichiosis, Anaplasma phagocytophilum	-	-	-	-	-	-	-	1	-	1	-	1	-	-	-	-	-	-	11	-	1	-	-	-
Ehrlichiosis, Anaplasma phagocytophilum (2009-2019)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ehrlichiosis, Anaplasmosis Undetermined	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ehrlichiosis, Ehrlichia chaffeensis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	4	-	-	-
Encephalitis, Powassan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis, Primary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis, St. Louis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Encephalitis, Western Equine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flu Like Disease*	-	-	39	2,341	-	-	-	-	3	134	148	2,133	66	1,115	-	1,267	-	466	92	1,593	-	6,319	35	867
Gastrointestinal Illness	-	-	100	2,319	-	-	-	-	-	423	-	-	66	2,048	-	354	-	918	-	-	-	385	-	-
Giardiasis	-	-	-	7	-	2	-	2	-	3	-	5	-	5	-	3	-	5	-	16	-	28	-	2
Gonorrhea	-	3	15	630	-	18	-	1	1	66	6	149	2	130	-	11	1	70	7	524	19	1,952	1	24
Granuloma Inguinale	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Guillain-Barre Syndrome	-	1	-	2	-	1	-	-	-	-	-	1	-	-	-	2	-	-	-	4	-	5	-	-

Table of Diseases by Geographic Location																								
Time Period: Week 50-2021																								
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	-	-	-	-	-	-	-	4	-	-	
Rickettsial Disease - Typhus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	
Rubella	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Rubella - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Salmonellosis	-	-	-	23	-	5	-	-	-	2	-	12	-	9	-	7	-	9	-	26	2	73	-	4
Shiga toxin-producing Escherichia coli --(STEC)	-	-	-	7	-	2	-	-	-	1	-	2	-	-	-	-	-	1	-	21	-	21	-	-
Shigellosis	-	-	-	3	-	-	-	-	-	1	-	1	-	1	-	-	-	2	-	9	-	25	-	1
Shingles	-	-	-	4	-	-	-	-	-	-	20	-	-	-	1	-	5	1	88	-	7	-	-	
Streptococcal Dis, Inv, Grp A	-	-	-	6	-	-	-	-	-	-	4	-	-	-	1	-	1	-	5	-	30	-	-	
Streptococcal Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
Streptococcus pneumoniae, Drug Resistant	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	
Streptococcus pneumoniae, Inv	-	2	-	15	-	6	-	-	-	3	-	1	-	9	1	3	-	12	-	4	-	48	-	-
Syphilis - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	6	-	-
Syphilis - Early Latent	-	-	-	3	-	-	-	-	-	3	-	4	-	1	-	-	-	2	-	12	1	111	-	1
Syphilis - Late Latent*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Syphilis - Latent of Unknown Duration*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Syphilis - Late with Manifestations*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Syphilis - Primary	-	-	-	3	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	15	-	47	-	-
Syphilis - Secondary	-	-	-	5	-	-	-	-	-	-	8	-	1	-	-	-	1	-	20	-	71	-	-	
Syphilis - To Be Determined	-	-	1	2	-	-	-	-	-	1	-	-	2	3	-	-	-	1	5	8	9	28	-	-
Syphilis - Unknown Duration or Late	-	-	-	6	-	-	-	-	-	5	-	5	-	-	-	1	-	4	-	23	1	96	-	-
Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Toxic Shock	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Trachoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Trichinosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Tuberculosis	-	-	-	5	-	-	-	-	-	1	-	1	-	2	-	-	-	-	4	-	23	-	-	
Tularemia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	
Typhoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	
Vibriosis - Non Cholera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	12	-	-	
VISA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
VRSA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VZ Infection, Unspecified	-	1	-	4	-	1	-	-	-	5	-	-	-	1	-	-	-	2	-	5	4	204	-	-
West Nile Virus	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	19	-	-	
Yellow Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Yersinia enteritis	-	-	-	2	-	1	-	1	-	-	-	-	1	-	-	-	-	-	7	-	11	-	-	
Zika	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	
Total	2	109	217	7,042	1	171	1	36	12	902	168	2,907	144	3,674	11	1,860	5	1,879	173	6,181	286	17,470	38	1,006

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: 12/18/2019 - 12/18/2021

Time Breakdown: by Week

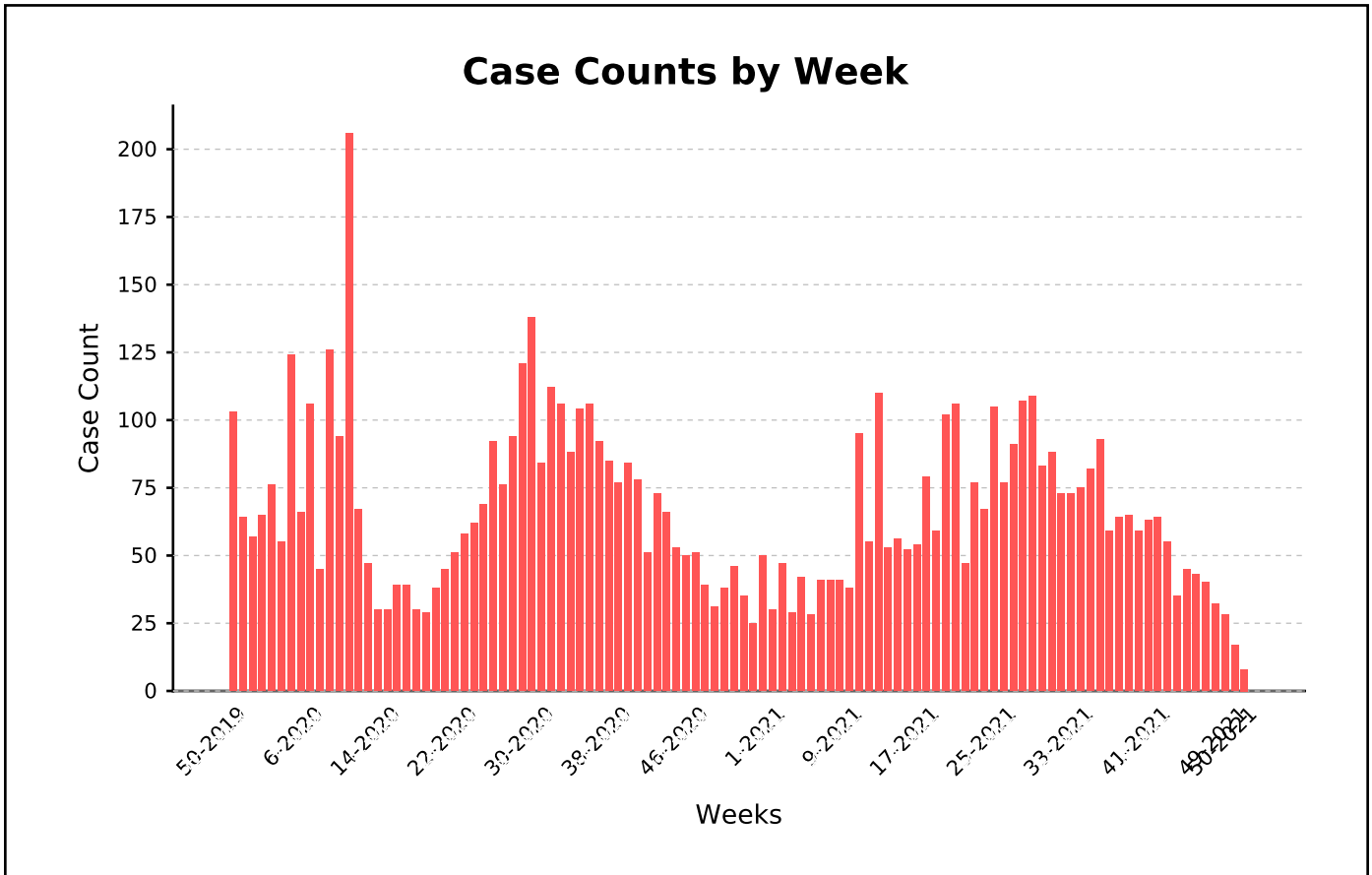
Geographic Area: The State of Michigan

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
50-2019	103	13-2020	30	28-2020	121	43-2020	66	5-2021	28
51-2019	64	14-2020	30	29-2020	138	44-2020	53	6-2021	41
52-2019	57	15-2020	39	30-2020	84	45-2020	50	7-2021	41
1-2020	65	16-2020	39	31-2020	112	46-2020	51	8-2021	41
2-2020	76	17-2020	30	32-2020	106	47-2020	39	9-2021	38
3-2020	55	18-2020	29	33-2020	88	48-2020	31	10-2021	95
4-2020	124	19-2020	38	34-2020	104	49-2020	38	11-2021	55
5-2020	66	20-2020	45	35-2020	106	50-2020	46	12-2021	110
6-2020	106	21-2020	51	36-2020	92	51-2020	35	13-2021	53
7-2020	45	22-2020	58	37-2020	85	52-2020	25	14-2021	56
8-2020	126	23-2020	62	38-2020	77	53-2020	50	15-2021	52
9-2020	94	24-2020	69	39-2020	84	1-2021	30	16-2021	54
10-2020	206	25-2020	92	40-2020	78	2-2021	47	17-2021	79
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	102

Week	Total
20-2021	106
21-2021	47
22-2021	77
23-2021	67
24-2021	105
25-2021	77
26-2021	91
27-2021	107
28-2021	109
29-2021	83
30-2021	88
31-2021	73
32-2021	73
33-2021	75
34-2021	82
35-2021	93
36-2021	59
37-2021	64
38-2021	65
39-2021	59
40-2021	63
41-2021	64
42-2021	55
43-2021	35
44-2021	45
45-2021	43
46-2021	40
47-2021	32
48-2021	28
49-2021	17
50-2021	8

Report 8: Epi-Curve Graph

Time Period: 12/18/2019 - 12/18/2021

Time Breakdown: by Week

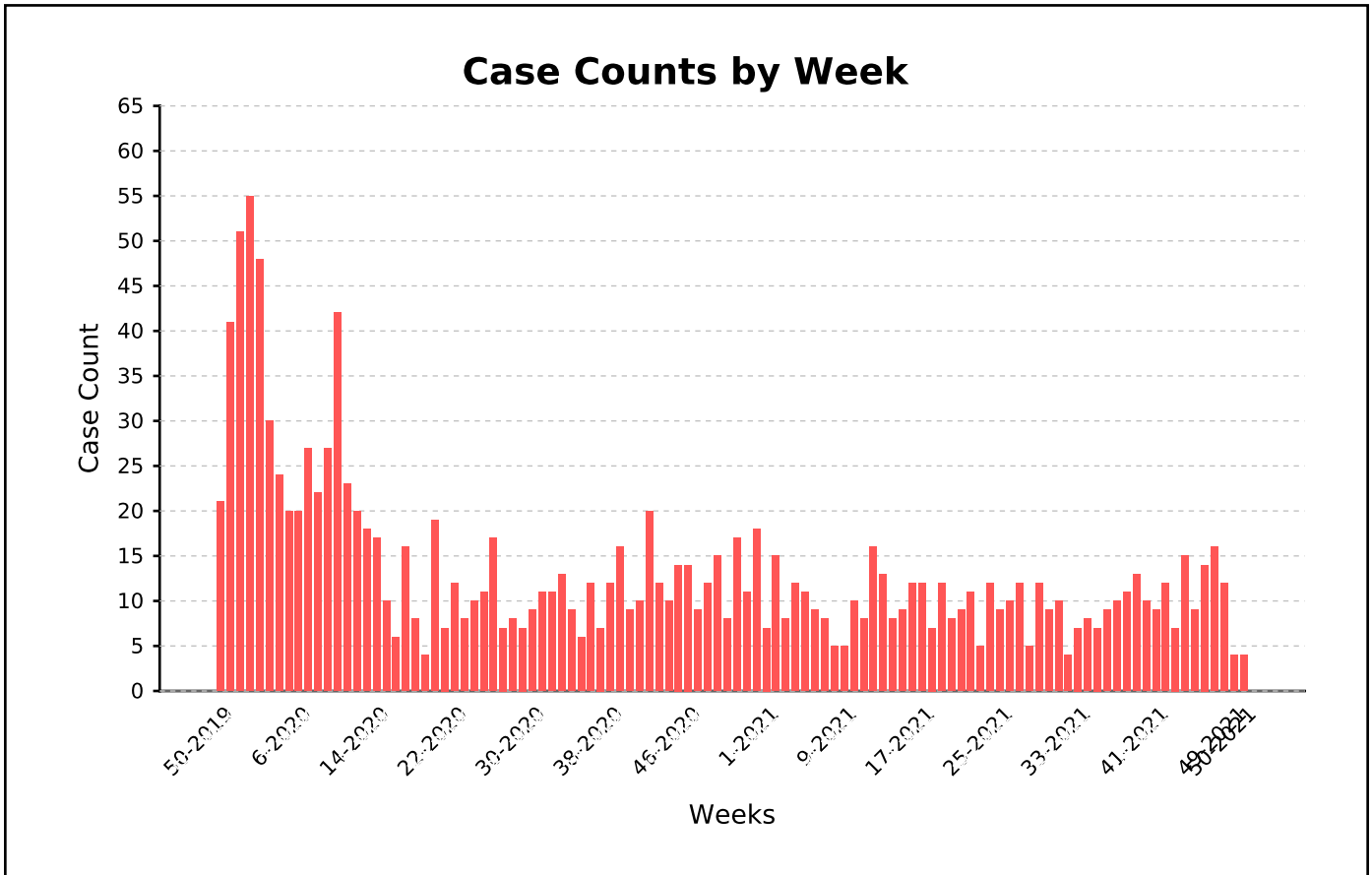
Geographic Area: The State of Michigan

Disease Group: Meningitis

Case Status: Confirmed, Probable, Suspect

Case Types: Individual and Aggregate

Investigation Status: Completed, Completed - Follow Up



Week	Total
50-2019	21
51-2019	41
52-2019	51
1-2020	55
2-2020	48
3-2020	30
4-2020	24
5-2020	20
6-2020	20
7-2020	27
8-2020	22
9-2020	27
10-2020	42
11-2020	23
12-2020	20

Week	Total
13-2020	18
14-2020	17
15-2020	10
16-2020	6
17-2020	16
18-2020	8
19-2020	4
20-2020	19
21-2020	7
22-2020	12
23-2020	8
24-2020	10
25-2020	11
26-2020	17
27-2020	7

Week	Total
28-2020	8
29-2020	7
30-2020	9
31-2020	11
32-2020	11
33-2020	13
34-2020	9
35-2020	6
36-2020	12
37-2020	7
38-2020	12
39-2020	16
40-2020	9
41-2020	10
42-2020	20

Week	Total
43-2020	12
44-2020	10
45-2020	14
46-2020	14
47-2020	9
48-2020	12
49-2020	15
50-2020	8
51-2020	17
52-2020	11
53-2020	18
1-2021	7
2-2021	15
3-2021	8
4-2021	12

Week	Total
5-2021	11
6-2021	9
7-2021	8
8-2021	5
9-2021	5
10-2021	10
11-2021	8
12-2021	16
13-2021	13
14-2021	8
15-2021	9
16-2021	12
17-2021	12
18-2021	7
19-2021	12

Week	Total
20-2021	8
21-2021	9
22-2021	11
23-2021	5
24-2021	12
25-2021	9
26-2021	10
27-2021	12
28-2021	5
29-2021	12
30-2021	9
31-2021	10
32-2021	4
33-2021	7
34-2021	8
35-2021	7
36-2021	9
37-2021	10
38-2021	11
39-2021	13
40-2021	10
41-2021	9
42-2021	12
43-2021	7
44-2021	15
45-2021	9
46-2021	14
47-2021	16
48-2021	12
49-2021	4
50-2021	4