



Weekly Disease Report For The Week Ending September 18th, (MMWR Week 37)

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.

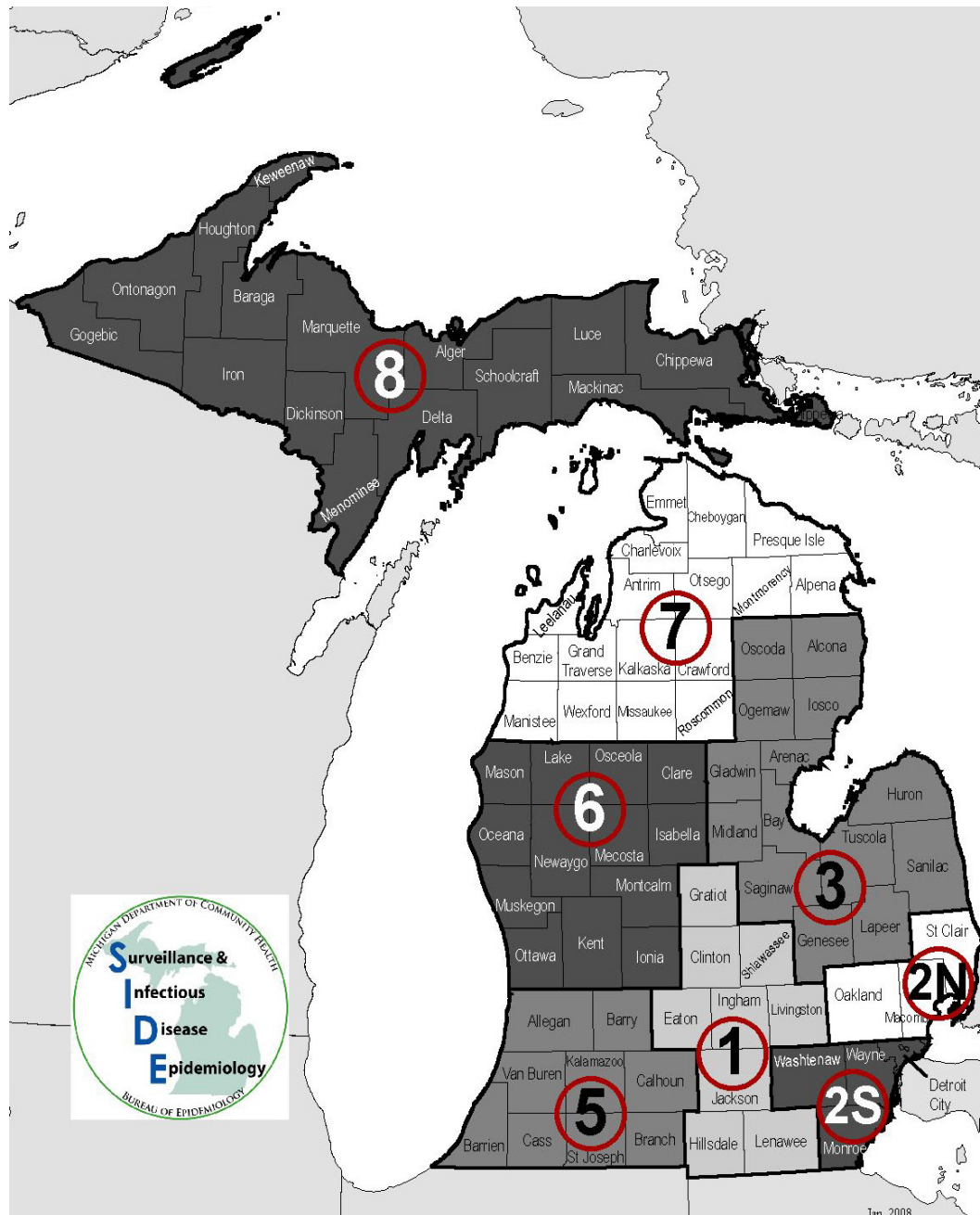
The data in the Weekly Disease Report are provisional, based on current reports to MDHHS by local health departments. The MDSS is a dynamic, continually active system: counts of disease are constantly changing as cases are investigated, confirmed as cases, or ruled out as not meeting the case definition. 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***				
		34-2021	35-2021	36-2021	37-2021	2017	2018	2019	2020	2021
COVID19/MIS										
	Multisystem Inflammatory Syndrome	1	0	0	0	0	0	0	81	95
	Subtotal	1	0	0	0	0	0	0	81	95
Foodborne										
	Amebiasis	0	0	0	0	6	2	9	7	6
	Botulism - Foodborne	0	0	0	0	0	0	0	0	2
	Campylobacter	35	46	25	32	1,738	1,705	1,705	1,219	1,128
	Cryptosporidiosis	9	11	4	7	425	383	419	245	182
	Giardiasis	7	6	10	19	568	465	428	375	265
	Listeriosis	1	1	0	0	0	19	29	29	25
	Listeriosis (2014-2017)*	0	0	0	0	30	4	1	0	0
	Norovirus	3	1	4	1	1,087	1,011	1,481	583	471
	Paratyphoid Fever	0	0	0	0	0	1	4	4	2
	Salmonellosis	26	28	20	13	1,093	1,163	1,077	904	659
	Shiga toxin-producing Escherichia coli --	4	4	4	1	0	0	284	211	182
	Shigellosis	4	5	2	3	460	209	219	151	120
	Typhoid Fever	0	0	0	0	14	6	10	1	3
	Yersinia enterocolitica	4	4	0	1	66	82	76	81	77
	Subtotal	93	106	69	77	5,487	5,050	5,742	3,810	3,122
Influenza										
	Flu Like Disease*	334	574	1,684	827	394,863	379,206	323,372	193,798	31,566
	Influenza	45	64	71	39	26,017	47,210	32,024	33,057	1,469
	Influenza, Novel	0	0	0	0	2	3	1	0	0
	Subtotal	379	638	1,755	866	420,882	426,419	355,397	226,855	33,035
Meningitis										
	Meningitis - Aseptic	5	4	4	6	659	827	458	259	198
	Meningitis - Bacterial Other	0	5	1	5	126	149	121	103	99
	Meningococcal Disease	1	0	0	0	6	4	8	3	6
	Streptococcus pneumoniae, Inv	12	9	8	2	842	791	938	529	279
	Subtotal	18	18	13	13	1,633	1,771	1,525	894	582
Other										

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		34-2021	35-2021	36-2021	37-2021	2017	2018	2019	2020	2021
	Acute Flaccid Myelitis (AFM)	0	0	0	0	0	6	3	4	0
	Anthrax	0	0	0	0	0	0	0	0	0
	Blastomycosis	1	5	4	1	22	19	27	24	27
	Botulism - Infant	0	0	0	0	0	1	0	2	0
	Botulism - Other	0	0	0	0	0	2	0	1	2
	Brucellosis	1	1	0	0	2	4	1	4	6
	CP-CRE	13	26	13	32	0	0	19	274	336
	Candida auris	0	0	0	0	0	0	0	0	1
	Cholera	0	0	0	0	0	0	2	1	1
	Coccidioidomycosis	3	1	4	3	43	40	51	54	77
	Creutzfeldt-Jakob Disease	0	0	0	0	13	12	15	10	8
	Cryptococcosis	0	0	0	1	15	15	18	24	23
	Cyclosporiasis	0	0	0	0	0	0	1	25	44
	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	1	0	21	10	14	10	14
	Encephalitis, Primary	0	0	0	1	15	18	14	16	10
	Gastrointestinal Illness	232	507	994	722	158,881	154,968	138,801	61,476	24,447
	Guillain-Barre Syndrome	1	2	0	3	54	48	63	50	42
	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	2
	Hemorrhagic Fever	0	0	0	0	0	0	0	0	0
	Histoplasmosis	10	7	9	8	178	168	234	191	196
	Kawasaki	0	1	1	2	46	35	55	63	30
	Legionellosis	23	19	13	10	349	643	561	384	449
	Leprosy	0	0	0	0	0	1	0	0	1
	Leptospirosis	0	0	0	0	4	1	3	3	1
	Melioidosis+	0	0	0	0	1	0	0	0	0
	Novel Coronavirus SARS/MERS	0	0	0	0	0	1	0	0	0

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		34-2021	35-2021	36-2021	37-2021	2017	2018	2019	2020	2021
	Plague	0	0	0	0	0	0	0	0	0
	Psittacosis	0	0	0	0	1	4	0	2	4
	Q Fever Acute	0	0	0	0	3	4	5	4	1
	Q Fever Chronic	0	0	0	0	3	1	0	1	1
	Q Fever*	1	0	0	0	0	3	2	3	5
	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	9	4	5	9	458	428	449	340	200
	Streptococcal Toxic Shock	0	0	0	0	2	5	5	4	4
	Streptococcus pneumoniae, Drug Resistant	0	0	0	0	110	96	80	32	21
	Toxic Shock	1	0	0	0	2	4	7	3	2
	Trachoma	0	0	0	0	0	0	0	2	1
	Trichinosis	0	0	0	0	0	0	0	0	2
	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	2	1	0	2	1	0	34	27	33
	Subtotal		297	574	1,044	794	160,231	156,548	140,485	63,039
Rabies										
	Rabies Animal	2	4	3	3	44	76	58	55	42
	Rabies: Potential Exposure & PEP	112	89	95	89	0	50	5,453	3,651	3,051
	Subtotal	114	93	98	92	44	126	5,511	3,706	3,093
STD										
	Chancroid	0	0	0	0	1	0	0	0	2
	Chlamydia (Genital)	922	941	735	883	51,731	51,617	50,422	44,847	34,127
	Gonorrhea	405	416	377	430	15,388	17,047	18,278	23,404	17,018
	Granuloma Inguinale	0	0	0	0	0	0	0	0	0
	Lymphogranuloma venereum	1	0	0	0	8	16	1	8	3
Syphilis - Congenital	1	2	0	0	10	14	16	29	30	

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		34-2021	35-2021	36-2021	37-2021	2017	2018	2019	2020	2021
	Syphilis - Early Latent	9	13	7	0	342	412	558	567	501
	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	0
	Syphilis - Primary	7	4	6	2	165	228	273	311	243
	Syphilis - Secondary	11	11	7	6	315	426	411	471	431
	Syphilis - To Be Determined	11	24	26	47	0	2	0	0	220
	Syphilis - Unknown Duration or Late	5	15	7	6	8	624	657	666	605
	Subtotal	1,372	1,426	1,165	1,374	68,429	70,386	70,616	70,303	53,180
Tuberculosis										
	Latent Tuberculosis Infection	34	41	33	32	123	1,126	2,053	1,367	1,082
	Nontuberculous Mycobacterium	23	6	2	27	333	840	855	687	531
	Tuberculosis	3	8	2	6	135	117	138	94	105
	Subtotal	60	55	37	65	591	2,083	3,046	2,148	1,718
VPD										
	Chickenpox (Varicella)	1	4	8	5	543	436	422	185	146
	Diphtheria	0	0	0	0	0	0	0	0	1
	H. influenzae Disease - Inv.	1	4	1	6	199	174	223	99	92
	Measles	0	0	0	0	2	19	46	0	2
	Mumps	0	0	0	0	47	81	29	7	9
	Pertussis	12	4	6	8	761	658	546	116	159
	Polio	0	0	0	0	0	0	0	0	0
	Rubella	0	0	0	0	0	0	0	1	5
	Shingles	10	8	4	3	976	1,252	1,222	811	447
	Tetanus	0	0	0	0	2	2	1	0	1
	VZ Infection, Unspecified	13	5	9	15	270	213	228	237	350
Subtotal	37	25	28	37	2,800	2,835	2,717	1,456	1,212	
Vectorborne										
	Babesiosis++	2	0	0	0	3	5	2	1	11
	Chikungunya~	0	0	0	1	0	0	0	0	2
	Dengue Fever	0	0	0	1	0	0	2	9	7

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		34-2021	35-2021	36-2021	37-2021	2017	2018	2019	2020	2021
	Ehrlichiosis*	0	0	0	0	0	0	0	0	0
	Ehrlichiosis, Anaplasma phagocytophilum	3	3	0	1	1	0	2	20	71
	Ehrlichiosis, Anaplasma phagocytophilum	0	0	0	0	15	17	15	0	0
	Ehrlichiosis, Anaplasmosis Undetermined	0	0	0	0	0	0	0	0	0
	Ehrlichiosis, Ehrlichia chaffeensis	0	0	0	0	0	0	2	5	15
	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	1	0	0	0	0	0	0	4	6
	Encephalitis, Eastern Equine	0	0	0	0	0	0	0	4	0
	Encephalitis, Powassan	0	0	0	0	0	0	0	0	0
	Encephalitis, St. Louis	0	0	0	1	0	0	0	0	3
	Encephalitis, Western Equine	0	0	0	0	0	0	0	0	0
	Lyme Disease	62	32	19	57	348	309	487	531	1,154
	Malaria	0	0	1	0	45	29	26	14	7
	Rickettsial Disease - Spotted Fever	0	1	1	3	0	0	2	48	16
	Rickettsial Disease - Typhus	0	0	0	0	0	0	0	0	1
	West Nile Virus	10	4	3	10	0	0	0	33	49
	Yellow Fever	0	0	0	0	0	0	0	0	0
	Zika~~	0	0	0	1	0	0	0	0	4
	Subtotal	78	40	24	75	418	368	541	669	1,346
Viral Hepatitis										
	Hepatitis A	0	1	3	4	705	332	80	24	44
	Hepatitis B, Acute	63	55	38	63	63	80	65	45	1,578
	Hepatitis B, Chronic	13	12	16	22	1,213	1,072	1,011	727	601
	Hepatitis B, Perinatal	0	0	0	0	1	1	0	0	0
	Hepatitis C, Acute	52	70	74	96	233	175	132	142	857

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		34-2021	35-2021	36-2021	37-2021	2017	2018	2019	2020	2021
	Hepatitis C, Chronic	93	68	61	71	11,953	10,335	6,151	4,436	3,496
	Hepatitis C, Perinatal	0	0	0	1	3	11	11	9	16
	Hepatitis E	0	1	0	0	5	9	5	9	7
	Subtotal	221	207	192	257	14,176	12,015	7,455	5,392	6,599

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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 37-2021																								
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 - Typhus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Rubella - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Salmonellosis	-	1	-	-	1	10	-	3	-	2	-	-	-	-	-	12	-	4	-	5	-	12	-	7
Shiga toxin-producing Escherichia coli --(STEC)	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-	2	-	3	-	1	-	-	-	2
Shigellosis	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	1	-	-	-	4	-	-
Shingles	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	7	-	3	-	-	-	2	-	-
Streptococcal Dis, Inv, Grp A	-	1	-	-	-	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	6	-	3
Streptococcal Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Drug Resistant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	2	-	-
Streptococcus pneumoniae, Inv	-	1	-	-	-	2	1	1	-	-	-	-	-	-	-	4	-	1	-	1	-	4	-	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	-	-	-	-	-	2	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	2	-	-
Syphilis - Secondary	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	2	-	2	-	-	-	1	-	2
Syphilis - To Be Determined	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	-
Syphilis - Unknown Duration or Late	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	5	-	-
Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Trachoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichinosis	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	1
Tularemia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vibriosis - Non Cholera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	2
VISA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VRSA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VZ Infection, Unspecified	-	-	-	-	-	4	-	-	-	2	-	-	-	-	-	-	-	2	-	3	1	3	-	1
West Nile Virus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2
Yellow Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yersinia enteritis	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	1	-	2
Zika	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	3	38	4	33	9	2,884	3	81	1	137	3	81	1	112	168	1,617	53	1,065	5	76	18	1,462	162	2,567

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Table of Diseases by Geographic Location																								
Time Period: Week 37-2021																								
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	-	-	-	1	-	-	-
Blastomycosis	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-
Botulism - Foodborne	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-
Botulism - Infant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Botulism - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-
Brucellosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Campylobacter	1	17	2	4	-	6	-	6	-	6	-	6	-	13	1	4	-	8	1	52	-	16	-	9
Candida auris	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chancroid	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chickenpox (Varicella)	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	1	-	3	-
Chikungunya~	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlamydia (Genital)	19	681	4	128	2	24	1	30	1	64	-	46	3	170	-	13	1	36	182	6,922	-	45	6	249
Cholera	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
Coccidioidomycosis	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	3	-	1	-	-
CP-CRE	-	2	-	1	-	-	-	3	-	1	-	-	-	3	-	-	-	-	4	101	-	-	-	2
Creutzfeldt-Jakob Disease	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cryptococcosis	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-
Cryptosporidiosis	-	7	-	2	1	2	-	1	-	1	-	-	-	-	1	1	-	3	-	2	-	4	-	-
Cyclosporiasis	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	2	-	1	-	-
Dengue Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ehrlichiosis, Anaplasma phagocytophilum	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	21	-	-
Ehrlichiosis, Anaplasma phagocytophilum (2009-2019)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ehrlichiosis, Anaplasmosis Undetermined	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis, Eastern Equine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis, Post Chickenpox	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis, Post Mumps	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis, Post Other	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-
Encephalitis, Powassan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis, Primary	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis, St. Louis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis, Western Equine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flu Like Disease*	140	1,192	22	147	10	109	-	-	-	-	-	141	-	-	-	-	-	63	-	-	-	209	100	505
Gastrointestinal Illness	115	1,634	22	304	-	37	-	-	-	94	-	299	-	-	-	-	-	-	-	-	-	359	165	1,295
Giardiasis	-	5	-	-	-	4	-	-	1	1	-	-	-	-	-	-	1	-	13	-	4	-	3	-
Gonorrhea	8	393	2	51	1	5	-	7	-	8	-	15	1	60	-	5	-	2	119	4,435	-	3	2	122
Granuloma Inguinale	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Guillain-Barre Syndrome	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-

Table of Diseases by Geographic Location																								
Time Period: Week 37-2021																								
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
H. influenzae Disease - Inv.	1	3	-	-	-	-	-	-	-	-	-	1	-	2	-	-	-	2	1	11	-	1	-	-
Hantavirus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hantavirus, Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hantavirus, Pulmonary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hemolytic Uremic Syndrome	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hemorrhagic Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hepatitis A	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Hepatitis B, Acute	-	-	-	-	1	1	-	-	-	-	-	-	1	1	-	-	-	3	15	552	-	-	-	-
Hepatitis B, Chronic	-	7	-	1	-	1	-	-	-	-	-	-	-	3	-	-	-	1	53	-	-	-	4	
Hepatitis B, Perinatal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hepatitis C, Acute	-	1	-	3	-	1	-	-	1	1	-	-	-	1	-	1	2	7	-	4	1	5	2	7
Hepatitis C, Chronic	2	37	-	8	-	6	-	10	-	20	-	10	-	11	1	9	-	22	20	516	-	14	-	39
Hepatitis C, Perinatal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	
Hepatitis E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	
Histoplasmosis	-	1	-	1	-	-	-	1	-	-	-	1	-	-	-	-	-	-	2	-	1	-	8	
Influenza	-	4	-	-	-	1	-	1	-	8	1	9	-	-	-	-	-	4	28	-	-	-	2	
Influenza, Novel	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Kawasaki	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	-	-	-	-	
Latent Tuberculosis Infection	1	18	-	-	-	1	-	1	-	-	-	2	-	4	-	1	-	3	4	93	-	3	-	3
Legionellosis	-	6	-	1	-	-	-	-	-	2	-	2	-	1	-	1	-	-	1	70	-	1	-	2
Leprosy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Leptospirosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Listeriosis	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	
Listeriosis (2014-2017)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Lyme Disease	1	33	2	39	-	-	1	2	-	-	-	-	-	9	-	-	2	24	-	10	13	106	1	10
Lymphogranuloma venereum	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malaria	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-
Measles	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Melioidosis+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningitis - Aseptic	-	4	-	2	-	-	-	-	-	-	-	-	-	1	-	1	-	1	1	26	-	-	-	2
Meningitis - Bacterial Other	-	1	-	1	-	-	-	-	-	-	-	1	3	-	-	-	-	1	1	17	-	-	-	-
Meningococcal Disease	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-
Multisystem Inflammatory Syndrome	-	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	-	16	-	-	-	-
Mumps	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-
Nontuberculous Mycobacterium	1	10	-	1	-	1	1	1	-	-	-	-	1	7	-	-	-	-	6	100	-	-	-	5
Norovirus	-	2	-	1	-	18	-	1	-	-	-	-	-	-	-	-	-	2	-	1	-	-	-	1
Novel Coronavirus SARS/MERS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Paratyphoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pertussis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-	-	-
Plague	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polio	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Psittacosis	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q Fever*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Q Fever Acute	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q Fever Chronic	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rabies: Potential Exposure & PEP	-	6	-	3	-	5	1	45	-	9	2	90	-	77	-	1	1	20	4	57	-	6	2	27
Rabies Animal	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-
Rabies Human	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reye Syndrome	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rheumatic Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rickettsial Disease - Spotted Fever	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-

Table of Diseases by Geographic Location																								
Time Period: Week 37-2021																								
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 - Typhus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-
Rubella - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Salmonellosis	-	12	-	6	-	2	-	1	-	6	-	4	-	5	-	-	-	-	1	23	1	2	-	12
Shiga toxin-producing Escherichia coli --(STEC)	-	2	-	-	-	1	-	-	-	-	4	-	-	-	1	-	-	-	-	3	-	2	-	3
Shigellosis	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	13	-	-	-	2
Shingles	-	4	-	-	-	2	-	-	-	-	-	-	-	-	-	-	1	-	10	-	-	-	4	
Streptococcal Dis, Inv, Grp A	-	4	-	1	-	-	-	2	-	-	-	1	-	1	-	-	-	-	2	34	-	-	-	2
Streptococcal Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1
Streptococcus pneumoniae, Drug Resistant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	3	-	-	-	-	-
Streptococcus pneumoniae, Inv	-	13	-	2	-	1	-	-	-	-	-	4	-	-	-	3	-	1	-	42	-	-	-	2
Syphilis - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18	-	-	-	-
Syphilis - Early Latent	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	167	-	-	-	-
Syphilis - Late Latent*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Latent of Unknown Duration*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Late with Manifestations*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Primary	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	84	-	-	-	1
Syphilis - Secondary	-	7	-	-	-	1	-	-	-	1	-	1	-	1	-	-	-	-	2	131	-	1	-	1
Syphilis - To Be Determined	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	18	51	-	-	-	1	4
Syphilis - Unknown Duration or Late	-	4	-	1	-	-	-	-	-	1	-	1	-	3	-	-	-	-	1	198	-	1	-	5
Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trachoma	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichinosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	21	-	-	-	1
Tularemia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vibriosis - Non Cholera	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1
VISA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VRSA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VZ Infection, Unspecified	-	1	-	1	-	-	-	4	-	-	-	-	-	9	-	2	-	1	-	57	-	-	-	-
West Nile Virus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	2	-	-	-	-	-
Yellow Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yersinia enteritis	-	5	-	2	-	-	-	2	-	-	-	-	-	1	-	1	-	1	-	2	-	-	-	1
Zika	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-
Total	289	4,132	54	713	15	233	4	120	3	225	4	641	6	392	3	45	6	210	391	13,992	15	814	279	2,339

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 37-2021																								
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 - Typhus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Salmonellosis	-	1	-	31	-	3	-	-	-	6	-	4	-	3	-	2	-	-	-	19	-	8	-	2
Shiga toxin-producing Escherichia coli --(STEC)	-	1	-	4	-	1	-	1	-	4	-	1	-	1	-	-	-	2	-	14	-	1	-	-
Shigellosis	-	-	-	3	-	-	-	-	-	1	-	1	-	-	-	-	1	-	4	-	-	-	-	-
Shingles	-	6	1	7	-	-	-	-	-	7	-	-	-	-	-	2	-	-	-	22	-	5	-	-
Streptococcal Dis, Inv, Grp A	-	-	-	10	-	-	-	-	-	-	1	5	-	1	-	-	-	1	-	3	-	2	-	-
Streptococcal Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Drug Resistant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Streptococcus pneumoniae, Inv	-	-	-	13	-	1	-	-	-	2	-	1	-	1	-	-	-	2	-	11	-	2	-	-
Syphilis - Congenital	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Early Latent	-	1	-	7	-	-	-	-	-	2	-	1	-	-	-	-	-	-	-	14	-	1	-	-
Syphilis - Late Latent*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Latent of Unknown Duration*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Late with Manifestations*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Primary	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	-	-	-	-
Syphilis - Secondary	-	-	-	7	-	1	-	-	-	1	-	1	-	1	-	-	-	1	-	4	-	2	-	-
Syphilis - To Be Determined	-	-	1	6	-	-	-	-	-	-	-	1	-	-	-	-	-	-	2	9	-	1	-	-
Syphilis - Unknown Duration or Late	-	-	-	17	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	24	-	1	-	-
Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trachoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichinosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis	-	-	-	7	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	-	-	-	-
Tularemia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vibriosis - Non Cholera	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-
VISA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VRSA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VZ Infection, Unspecified	-	5	-	8	-	1	-	-	-	-	-	-	-	1	-	-	-	1	-	1	-	4	-	-
West Nile Virus	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yellow Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yersinia enteritis	-	-	-	1	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	5	-	1	-	-
Zika	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	7	804	109	4,044	3	158	5	256	15	471	3	168	48	1,150	12	312	2	559	66	2,425	9	375	4	59

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 37-2021																								
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
Acute Flaccid Myelitis (AFM)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Amebiasis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthrax	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Babesiosis++	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Blastomycosis	-	2	-	-	-	-	-	-	-	-	5	-	-	-	-	-	1	-	1	-	-	-	-	-
Botulism - Foodborne	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Botulism - Infant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Botulism - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Brucellosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Campylobacter	-	2	-	5	-	14	2	21	-	2	2	74	-	-	-	-	6	-	2	-	14	1	19	
Candida auris	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chancroid	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chickenpox (Varicella)	-	-	-	-	-	-	-	4	-	-	9	-	-	-	-	-	-	-	-	-	-	-	1	4
Chikungunya~	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlamydia (Genital)	-	20	2	213	14	589	41	1,397	1	37	79	2,738	-	1	-	12	2	134	3	35	-	179	4	244
Cholera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Coccidioidomycosis	-	-	-	-	-	-	-	2	-	-	10	-	-	-	-	-	-	-	-	-	-	-	-	3
CP-CRE	-	-	-	1	-	1	-	-	-	-	4	-	-	-	-	-	3	-	-	-	-	-	1	7
Creutzfeldt-Jakob Disease	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Cryptococcosis	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	1
Cryptosporidiosis	-	1	-	2	-	2	1	8	-	1	-	13	-	-	-	-	1	-	2	-	3	-	6	
Cyclosporiasis	-	-	-	-	-	-	-	4	-	3	-	1	-	-	-	1	-	-	-	1	-	-	1	
Dengue Fever	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ehrlichiosis, Anaplasma phagocytophilum	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	2	-	-	-	1	
Ehrlichiosis, Anaplasma phagocytophilum (2009-2019)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ehrlichiosis, Anaplasmosis Undetermined	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ehrlichiosis, Ehrlichia chaffeensis	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
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	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Encephalitis, Eastern Equine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis, Post Chickenpox	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis, Post Mumps	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis, Post Other	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis, Powassan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis, Primary	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	1	-	-
Encephalitis, St. Louis	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis, Western Equine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flu Like Disease*	-	27	-	46	-	1,045	88	620	-	155	-	1	-	-	19	99	-	191	-	-	-	-	-	3,416
Gastrointestinal Illness	-	233	-	7	-	449	-	1,912	-	67	-	78	-	-	12	21	-	65	-	-	-	39	-	1,526
Giardiasis	-	-	-	-	1	1	1	11	-	2	1	20	-	-	-	2	-	2	1	2	1	4	-	6
Gonorrhea	-	2	-	50	5	318	26	800	-	3	33	1,380	-	-	-	7	1	30	1	5	-	58	-	37
Granuloma Inguinale	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Guillain-Barre Syndrome	-	-	-	-	-	1	-	1	-	-	1	1	-	-	-	-	1	-	1	-	1	1	1	2

Table of Diseases by Geographic Location																								
Time Period: Week 37-2021																								
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 - Typhus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Salmonellosis	-	-	-	1	-	15	-	9	-	2	-	52	-	-	-	1	1	7	-	1	-	6	-	7
Shiga toxin-producing Escherichia coli --(STEC)	-	-	-	1	-	3	-	9	-	-	-	17	-	-	-	1	-	3	-	-	-	4	-	-
Shigellosis	-	-	-	1	-	-	-	6	-	-	-	16	-	-	-	-	-	-	-	1	-	1	-	-
Shingles	-	-	-	-	-	5	-	26	-	-	-	34	-	-	-	-	-	-	-	-	-	1	-	22
Streptococcal Dis, Inv, Grp A	-	-	-	-	-	5	-	9	-	-	2	17	-	-	-	1	1	3	-	-	-	1	-	4
Streptococcal Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Drug Resistant	-	-	-	-	-	1	-	3	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Streptococcus pneumoniae, Inv	-	2	-	1	-	4	-	7	-	-	1	16	-	-	-	-	-	4	-	1	-	2	-	3
Syphilis - Congenital	-	-	-	-	-	1	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Early Latent	-	1	-	-	-	4	-	19	-	-	-	27	-	-	-	1	-	-	-	-	-	-	-	3
Syphilis - Late Latent*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Latent of Unknown Duration*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Late with Manifestations*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Primary	-	-	-	-	-	-	1	26	-	-	-	16	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Secondary	-	-	-	-	-	3	-	29	-	-	-	32	-	-	-	-	-	1	-	-	-	2	-	2
Syphilis - To Be Determined	-	-	-	-	1	10	-	5	1	1	1	19	-	-	-	4	-	-	-	-	-	1	-	2
Syphilis - Unknown Duration or Late	-	-	-	3	-	23	4	27	-	-	1	45	-	-	-	7	-	-	-	1	-	2	-	1
Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Toxic Shock	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-
Trachoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichinosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis	-	-	-	1	-	2	-	1	-	-	-	6	-	-	-	-	-	-	-	-	-	1	-	1
Tularemia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vibriosis - Non Cholera	-	-	-	-	-	1	-	-	-	-	1	3	-	-	-	-	-	-	-	-	-	-	-	-
VISA	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VRSA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VZ Infection, Unspecified	-	1	-	-	-	4	-	-	-	3	-	2	-	-	-	-	-	2	-	1	-	-	-	3
West Nile Virus	-	-	-	-	-	-	-	1	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-
Yellow Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yersinia enteritis	-	-	-	1	-	1	-	3	-	-	-	7	-	-	-	-	-	1	-	-	-	-	-	2
Zika	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	0	316	3	455	32	3,134	172	5,430	2	296	160	5,278	0	4	31	170	9	534	5	75	5	506	10	5,466

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 37-2021																								
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
Acute Flaccid Myelitis (AFM)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Amebiasis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Anthrax	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Babesiosis++	-	-	-	-	-	1	-	1	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-
Blastomycosis	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Botulism - Foodborne	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Botulism - Infant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Botulism - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Brucellosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Campylobacter	-	-	-	-	4	98	-	2	-	5	1	8	-	11	2	11	1	10	-	3	-	18	1	16
Candida auris	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chancroid	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chickenpox (Varicella)	-	-	-	-	1	19	-	-	-	-	-	-	-	-	-	-	1	-	-	-	4	-	1	-
Chikungunya~	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chlamydia (Genital)	-	4	-	19	67	2,429	1	37	3	129	2	22	-	98	-	26	2	128	-	22	6	248	3	167
Cholera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Coccidioidomycosis	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-	-	-
CP-CRE	-	-	-	-	5	45	-	-	-	1	-	-	-	-	-	-	1	-	-	-	1	-	2	-
Creutzfeldt-Jakob Disease	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Cryptococcosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Cryptosporidiosis	-	-	-	1	-	2	1	4	-	-	-	2	-	2	-	2	-	1	-	-	-	-	-	3
Cyclosporiasis	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Dengue Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Diphtheria	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ehrlichiosis, Anaplasma phagocytophilum	-	-	-	-	-	1	-	5	-	-	-	-	-	-	4	-	1	-	1	-	-	-	-	-
Ehrlichiosis, Anaplasma phagocytophilum (2009-2019)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ehrlichiosis, Anaplasmosis Undetermined	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ehrlichiosis, Ehrlichia chaffeensis	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis, Powassan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis, Primary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis, St. Louis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis, Western Equine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flu Like Disease*	-	-	-	-	-	-	-	-	-	13	-	196	-	1	-	13	80	602	17	17	-	204	-	280
Gastrointestinal Illness	-	15	-	-	-	39	-	-	-	7	-	205	-	-	-	4	42	398	28	28	-	-	-	324
Giardiasis	-	-	-	-	-	12	1	1	-	5	-	2	1	1	-	-	1	-	-	-	-	2	1	2
Gonorrhea	-	-	-	2	35	1,127	-	8	1	15	-	5	-	32	-	2	-	25	-	13	1	55	1	49
Granuloma Inguinale	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Guillain-Barre Syndrome	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1

Table of Diseases by Geographic Location																								
Time Period: Week 37-2021																								
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
H. influenzae Disease - Inv.	-	-	-	-	-	3	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Hantavirus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hantavirus, Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hantavirus, Pulmonary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hemolytic Uremic Syndrome	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hemorrhagic Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hepatitis A	-	-	-	-	-	1	-	-	-	2	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Hepatitis B, Acute	-	3	1	1	4	43	-	1	-	-	-	-	-	-	-	-	1	1	-	-	2	38	-	2
Hepatitis B, Chronic	-	-	-	-	1	50	-	-	-	1	-	-	-	-	-	1	-	1	-	-	-	3	-	3
Hepatitis B, Perinatal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hepatitis C, Acute	1	4	-	1	12	51	-	-	-	2	-	-	-	1	-	1	-	2	-	-	-	8	-	10
Hepatitis C, Chronic	-	8	-	1	3	230	-	6	2	29	-	10	-	9	-	12	1	21	-	2	3	78	1	30
Hepatitis C, Perinatal	-	-	-	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hepatitis E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Histoplasmosis	-	-	-	-	-	3	-	-	-	-	-	-	-	2	-	-	-	1	-	-	-	1	-	4
Influenza	-	2	-	1	-	21	-	-	-	-	-	-	-	4	-	-	-	21	-	-	3	38	-	2
Influenza, Novel	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kawasaki	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Latent Tuberculosis Infection	-	-	-	-	2	88	-	1	-	6	-	1	-	3	-	2	1	4	-	1	-	6	-	3
Legionellosis	-	-	-	1	3	54	-	1	-	1	-	-	-	-	-	1	-	3	-	-	-	7	-	3
Leprosy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Leptospirosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Listeriosis	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1
Listeriosis (2014-2017)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lyme Disease	-	2	-	3	3	21	-	6	-	10	-	11	-	2	5	36	-	-	-	-	-	15	-	-
Lymphogranuloma venereum	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Malaria	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Melioidosis+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningitis - Aseptic	-	-	-	-	-	13	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	6	-	-
Meningitis - Bacterial Other	-	-	-	-	1	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
Meningococcal Disease	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Multisystem Inflammatory Syndrome	-	-	-	-	-	10	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	2	-	-
Mumps	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Nontuberculous Mycobacterium	-	-	-	-	1	33	-	-	-	1	-	2	-	1	-	1	-	2	-	-	-	2	-	3
Norovirus	-	-	-	-	-	1	-	-	-	-	-	2	-	-	1	1	-	65	-	-	-	1	-	-
Novel Coronavirus SARS/MERS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Paratyphoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pertussis	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Plague	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polio	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Psittacosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q Fever*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q Fever Acute	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q Fever Chronic	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rabies: Potential Exposure & PEP	1	1	-	1	6	35	-	4	2	94	-	3	-	8	-	16	1	103	-	4	-	52	2	134
Rabies Animal	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Rabies Human	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reye Syndrome	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rheumatic Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rickettsial Disease - Spotted Fever	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-

Table of Diseases by Geographic Location																								
Time Period: Week 37-2021																								
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 - Typhus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Salmonellosis	-	2	-	1	1	47	1	2	-	6	-	3	-	7	-	2	-	7	-	2	-	7	-	7
Shiga toxin-producing Escherichia coli --(STEC)	-	-	-	-	-	8	1	1	-	-	-	2	-	4	-	2	-	1	-	2	-	2	-	3
Shigellosis	-	-	-	-	1	5	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-	2	-	-
Shingles	-	-	-	-	-	105	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-
Streptococcal Dis, Inv, Grp A	-	-	-	-	1	13	-	-	-	-	-	2	-	1	-	-	-	2	-	-	-	2	-	-
Streptococcal Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Drug Resistant	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	2	-	-	-	-	-	-
Streptococcus pneumoniae, Inv	-	-	-	-	-	15	-	2	-	-	-	-	-	2	-	1	-	-	-	-	-	3	-	3
Syphilis - Congenital	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Early Latent	-	-	-	-	-	44	-	-	-	1	-	-	-	2	-	-	-	-	1	-	3	-	2	
Syphilis - Late Latent*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Latent of Unknown Duration*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Late with Manifestations*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Primary	-	-	-	-	-	20	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	1	-	-
Syphilis - Secondary	-	-	-	-	2	43	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	2	-	1
Syphilis - To Be Determined	-	-	-	-	9	18	-	-	1	1	-	1	-	-	-	1	-	-	-	-	-	2	-	-
Syphilis - Unknown Duration or Late	-	-	-	-	-	45	-	-	-	1	-	-	-	3	-	-	-	1	-	-	-	2	-	-
Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trachoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichinosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis	-	-	-	-	1	13	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Tularemia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vibriosis - Non Cholera	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
VISA	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VRSA	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VZ Infection, Unspecified	-	-	-	-	7	18	-	1	-	-	-	-	-	1	-	1	-	2	-	-	-	-	-	4
West Nile Virus	-	-	-	-	3	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yellow Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yersinia enteritis	-	-	-	-	-	-	-	-	-	-	-	1	-	2	-	-	-	1	-	-	-	2	-	-
Zika	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	2	41	1	33	174	4,872	5	88	9	333	3	481	1	203	8	148	130	1,412	45	97	15	824	9	1,062

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 37-2021																								
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 - Typhus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Salmonellosis	-	2	-	13	-	3	3	66	-	7	-	4	-	-	-	2	-	-	-	-	2	30	-	-
Shiga toxin-producing Escherichia coli --(STEC)	-	-	-	2	-	1	-	14	-	-	-	-	-	-	1	-	-	-	-	-	-	4	-	-
Shigellosis	-	-	-	4	-	-	1	11	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Shingles	-	-	-	-	-	2	-	68	-	-	-	-	-	-	-	-	-	-	-	-	2	10	-	-
Streptococcal Dis, Inv, Grp A	-	1	1	7	-	1	-	8	-	-	-	-	-	-	-	-	1	-	-	-	-	3	-	-
Streptococcal Toxic Shock	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Drug Resistant	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Inv	-	-	-	5	-	2	-	11	-	1	-	-	-	-	1	-	-	-	-	-	-	6	-	-
Syphilis - Congenital	-	-	-	1	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Early Latent	-	-	-	1	-	1	-	82	-	-	-	-	-	-	-	-	-	-	-	-	-	6	-	-
Syphilis - Late Latent*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Latent of Unknown Duration*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Late with Manifestations*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Primary	-	-	-	3	-	-	-	19	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
Syphilis - Secondary	-	-	-	1	-	1	1	57	-	-	-	-	-	-	2	-	-	-	-	-	-	3	-	-
Syphilis - To Be Determined	-	-	1	9	-	-	3	24	-	-	-	-	-	-	-	-	-	1	-	2	5	-	-	
Syphilis - Unknown Duration or Late	-	-	-	8	-	1	-	54	-	-	-	-	-	1	-	-	-	-	-	-	-	6	-	-
Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trachoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichinosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis	1	1	-	1	-	-	2	25	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tularemia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Typhoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vibriosis - Non Cholera	-	-	-	1	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
VISA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VRSA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VZ Infection, Unspecified	-	-	1	8	-	-	-	12	-	1	-	-	-	-	2	-	-	-	-	-	-	4	-	-
West Nile Virus	-	-	-	-	-	1	2	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yellow Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yersinia enteritis	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-
Zika	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	1	17	72	2,089	5	198	189	7,104	2	690	2	49	11	146	2	117	0	15	9	0	36	17,279	3	27

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 37-2021																								
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-
Anthrax	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Babesiosis++	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Blastomycosis	-	-	-	-	-	-	-	-	1	1	-	-	-	1	-	-	-	1	-	2	-	2	-	-
Botulism - Foodborne	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Botulism - Infant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Botulism - Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Brucellosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-
Campylobacter	-	2	-	17	-	5	-	3	-	9	-	18	-	11	-	5	-	15	-	51	1	137	-	7
Candida auris	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chancroid	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Chickenpox (Varicella)	-	-	1	3	-	1	-	-	-	1	-	2	-	-	-	-	-	-	-	4	-	9	-	-
Chikungunya~	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Chlamydia (Genital)	-	22	22	898	-	34	-	9	4	125	6	240	3	138	4	75	3	177	30	1,032	81	3,405	1	47
Cholera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Coccidioidomycosis	-	1	-	2	-	2	-	-	1	2	-	-	-	1	-	-	-	-	1	3	-	10	-	-
CP-CRE	-	-	-	5	-	-	-	-	-	1	-	9	-	1	-	2	-	1	2	9	6	61	-	-
Creutzfeldt-Jakob Disease	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-
Cryptococcosis	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	4	-	-
Cryptosporidiosis	-	-	-	5	-	3	-	-	-	-	-	1	-	-	-	3	-	4	1	9	-	7	2	5
Cyclosporiasis	-	-	-	2	-	-	-	-	-	-	-	-	-	1	-	-	-	3	-	3	-	1	-	-
Dengue Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	-	-	-	-
Diphtheria	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Ehrlichiosis, Anaplasma phagocytophilum	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	8	-	1	-	-
Ehrlichiosis, Anaplasma phagocytophilum (2009-2019)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ehrlichiosis, Anaplasmosis Undetermined	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ehrlichiosis, Ehrlichia chaffeensis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	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*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Ehrlichiosis human, other, unsp*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis, California Serogroup	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis, Eastern Equine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis, Post Chickenpox	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis, Post Mumps	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis, Post Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-
Encephalitis, Powassan	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis, Primary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Encephalitis, St. Louis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-
Encephalitis, Western Equine	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Flu Like Disease*	-	-	50	1,081	-	-	-	-	-	75	76	817	41	447	-	461	8	138	5	756	-	2,950	-	377
Gastrointestinal Illness	-	-	37	1,138	-	-	-	-	-	279	-	-	46	1,035	-	111	12	229	-	-	-	235	-	-
Giardiasis	-	-	-	1	-	1	-	2	-	2	-	3	1	3	-	3	-	3	2	11	1	18	-	1
Gonorrhea	-	3	12	462	1	14	-	1	-	51	2	110	-	97	-	9	2	46	9	399	36	1,548	-	19
Granuloma Inguinale	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Guillain-Barre Syndrome	-	1	-	2	-	1	-	-	-	-	-	-	-	-	-	2	-	-	-	3	1	3	-	-

Table of Diseases by Geographic Location																								
Time Period: Week 37-2021																								
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
H. influenzae Disease - Inv.	-	-	-	4	-	-	-	-	-	-	-	2	-	1	-	-	-	-	1	3	-	12	-	-
Hantavirus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Hantavirus, Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hantavirus, Pulmonary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Hemolytic Uremic Syndrome	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hemorrhagic Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Hepatitis A	-	-	1	1	-	-	-	-	1	1	-	-	-	-	-	-	1	1	-	3	1	17	-	-
Hepatitis B, Acute	-	-	-	4	1	1	-	-	-	3	-	2	-	12	-	1	-	2	-	4	10	99	-	-
Hepatitis B, Chronic	-	-	-	6	-	2	-	1	-	2	-	7	-	3	-	-	3	2	44	6	67	-	1	
Hepatitis B, Perinatal	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Hepatitis C, Acute	-	-	-	-	-	1	-	1	-	6	-	9	1	10	-	-	1	5	5	136	17	217	-	-
Hepatitis C, Chronic	-	15	1	46	-	5	1	2	-	14	1	36	-	12	1	7	-	14	1	78	-	490	-	16
Hepatitis C, Perinatal	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	2	-	-
Hepatitis E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-
Histoplasmosis	-	-	-	-	-	-	-	-	-	1	-	-	-	7	-	-	1	10	-	2	-	15	-	-
Influenza	-	2	-	2	-	3	-	-	1	1	-	-	-	10	-	2	-	-	14	636	7	490	-	-
Influenza, Novel	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Kawasaki	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	3	-	-
Latent Tuberculosis Infection	-	-	-	60	-	4	-	-	2	5	-	13	-	6	-	4	-	7	-	6	1	98	-	-
Legionellosis	-	3	-	10	-	-	-	-	-	2	-	5	-	2	-	-	-	4	1	15	3	93	-	-
Leprosy	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Leptospirosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Listeriosis	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	3	-	-
Listeriosis (2014-2017)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Lyme Disease	-	-	-	1	-	4	-	8	-	2	2	7	-	22	-	1	-	26	2	47	2	64	-	2
Lymphogranuloma venereum	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Malaria	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Measles	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Melioidosis+	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Meningitis - Aseptic	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	1	-	4	1	15	-	24	-	-
Meningitis - Bacterial Other	-	-	-	-	-	-	-	-	-	-	-	2	1	2	-	1	-	1	-	3	-	11	-	-
Meningococcal Disease	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Multisystem Inflammatory Syndrome	-	-	-	2	-	-	-	-	-	-	-	1	-	-	-	1	-	2	-	2	-	15	-	-
Mumps	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
Nontuberculous Mycobacterium	-	-	-	3	-	-	-	-	-	4	-	7	-	2	-	-	-	2	1	32	5	73	-	2
Norovirus	-	-	-	71	-	-	-	1	-	-	-	2	-	5	-	-	-	8	-	1	-	4	-	-
Novel Coronavirus SARS/MERS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Paratyphoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Pertussis	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	10	8	111	-	-
Plague	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Polio	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Psittacosis	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Q Fever*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	-
Q Fever Acute	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Q Fever Chronic	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Rabies: Potential Exposure & PEP	-	38	-	22	2	45	-	1	-	3	-	45	-	1	2	40	-	1	9	104	28	202	-	3
Rabies Animal	-	-	-	-	-	-	-	-	1	2	-	-	-	-	-	-	1	1	-	5	-	3	-	-
Rabies Human	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Reye Syndrome	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rheumatic Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rickettsial Disease - Spotted Fever	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	3	-	-

Table of Diseases by Geographic Location																									
Time Period: Week 37-2021																									
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 - Typhus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	
Rubella	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Rubella - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Salmonellosis	-	-	1	15	-	4	-	-	-	1	-	8	-	8	-	4	-	5	1	22	-	53	-	3	
Shiga toxin-producing Escherichia coli --(STEC)	-	-	-	7	-	1	-	-	-	1	-	2	-	-	-	-	1	-	14	-	11	-	-		
Shigellosis	-	-	-	3	-	-	-	-	-	-	-	1	-	1	-	-	-	2	1	8	-	16	-	1	
Shingles	-	-	-	3	-	-	-	-	-	-	-	13	-	-	-	1	-	2	-	60	-	3	-	-	
Streptococcal Dis, Inv, Grp A	-	-	-	6	-	-	-	-	-	-	-	2	-	-	-	-	-	1	-	4	1	22	-	-	
Streptococcal Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
Streptococcus pneumoniae, Drug Resistant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Streptococcus pneumoniae, Inv	-	1	-	11	-	2	-	-	-	2	-	1	-	4	-	-	-	6	-	4	-	36	-	-	
Syphilis - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	
Syphilis - Early Latent	-	-	-	2	-	-	-	-	-	3	-	1	-	1	-	-	-	1	-	7	-	77	-	1	
Syphilis - Late Latent*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Syphilis - Latent of Unknown Duration*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Syphilis - Late with Manifestations*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Syphilis - Primary	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	13	1	34	-	-	
Syphilis - Secondary	-	-	-	3	-	-	-	-	-	-	-	6	-	1	-	-	-	1	-	14	1	51	-	-	
Syphilis - To Be Determined	-	-	-	3	-	-	-	-	-	1	-	3	-	1	-	1	1	1	-	3	4	22	-	-	
Syphilis - Unknown Duration or Late	-	-	-	6	-	-	-	-	-	3	-	2	-	-	-	-	-	3	-	13	-	75	-	-	
Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Trachoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Trichinosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Tuberculosis	-	-	-	5	-	-	-	-	-	1	-	1	1	1	-	-	-	-	-	3	-	19	-	-	
Tularemia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	
Typhoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	
Vibriosis - Non Cholera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	1	9	-	-	
VISA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
VRSA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VZ Infection, Unspecified	-	1	-	2	-	-	-	-	-	2	-	-	-	1	-	-	-	2	3	5	3	155	-	-	
West Nile Virus	-	-	-	-	-	-	-	-	-	-	-	1	-	-	1	1	-	-	-	-	-	2	13	-	-
Yellow Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Yersinia enteritis	-	-	-	1	-	1	-	1	-	-	-	-	-	1	-	-	-	-	-	5	-	12	-	-	
Zika	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	
Total	0	89	125	3,921	4	134	2	31	11	609	87	1,383	94	1,849	8	736	30	740	93	3,626	228	11,155	3	485	

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: 09/18/2019 - 09/18/2021

Time Breakdown: by Week

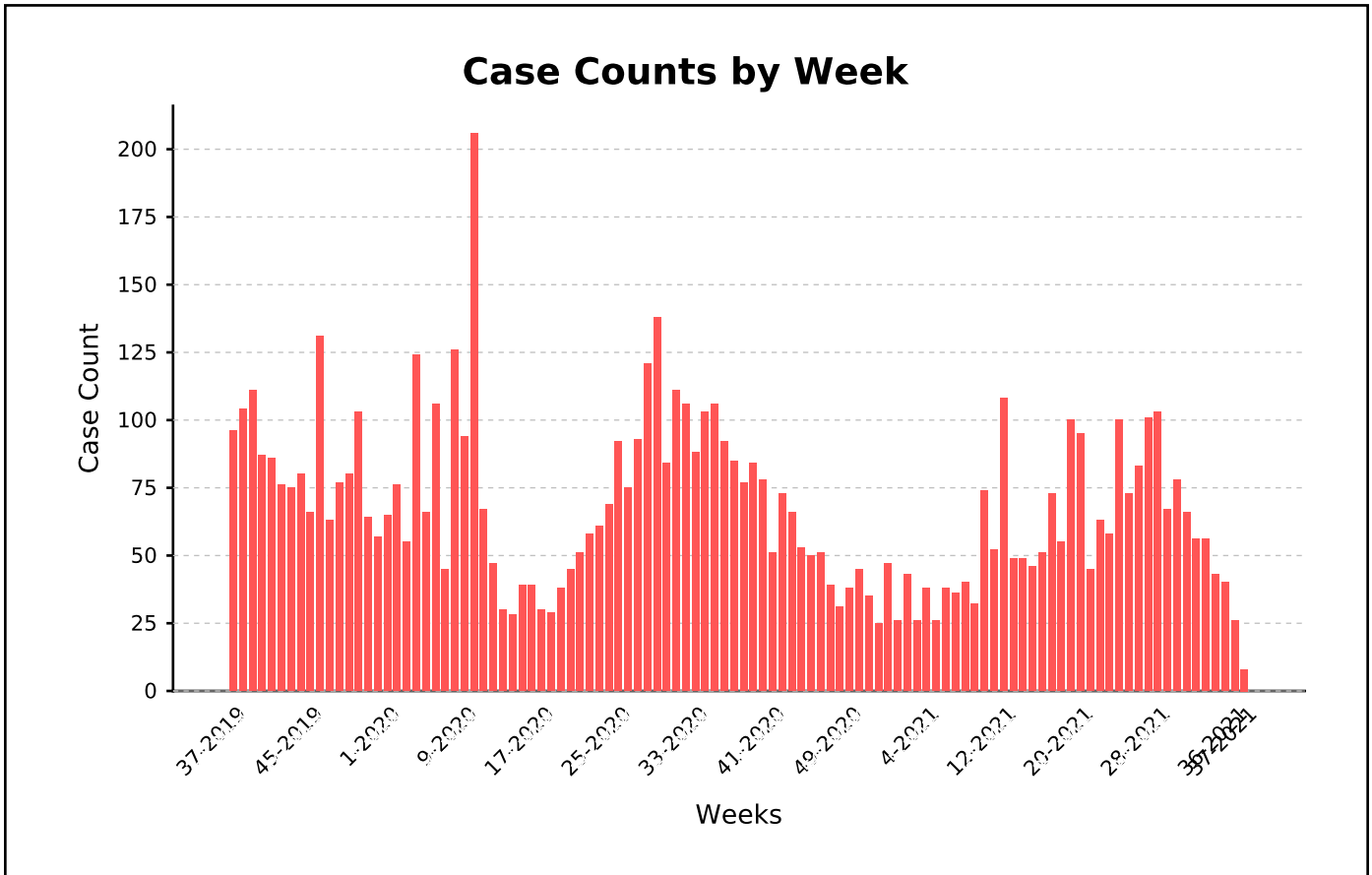
Geographic Area: The State of Michigan

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
37-2019	96	52-2019	57	15-2020	39	30-2020	84	45-2020	50
38-2019	104	1-2020	65	16-2020	39	31-2020	111	46-2020	51
39-2019	111	2-2020	76	17-2020	30	32-2020	106	47-2020	39
40-2019	87	3-2020	55	18-2020	29	33-2020	88	48-2020	31
41-2019	86	4-2020	124	19-2020	38	34-2020	103	49-2020	38
42-2019	76	5-2020	66	20-2020	45	35-2020	106	50-2020	45
43-2019	75	6-2020	106	21-2020	51	36-2020	92	51-2020	35
44-2019	80	7-2020	45	22-2020	58	37-2020	85	52-2020	25
45-2019	66	8-2020	126	23-2020	61	38-2020	77	53-2020	47
46-2019	131	9-2020	94	24-2020	69	39-2020	84	1-2021	26
47-2019	63	10-2020	206	25-2020	92	40-2020	78	2-2021	43
48-2019	77	11-2020	67	26-2020	75	41-2020	51	3-2021	26
49-2019	80	12-2020	47	27-2020	93	42-2020	73	4-2021	38
50-2019	103	13-2020	30	28-2020	121	43-2020	66	5-2021	26
51-2019	64	14-2020	28	29-2020	138	44-2020	53	6-2021	38

Week	Total
7-2021	36
8-2021	40
9-2021	32
10-2021	74
11-2021	52
12-2021	108
13-2021	49
14-2021	49
15-2021	46
16-2021	51
17-2021	73
18-2021	55
19-2021	100
20-2021	95
21-2021	45
22-2021	63
23-2021	58
24-2021	100
25-2021	73
26-2021	83
27-2021	101
28-2021	103
29-2021	67
30-2021	78
31-2021	66
32-2021	56
33-2021	56
34-2021	43
35-2021	40
36-2021	26
37-2021	8

Report 8: Epi-Curve Graph

Time Period: 09/18/2019 - 09/18/2021

Time Breakdown: by Week

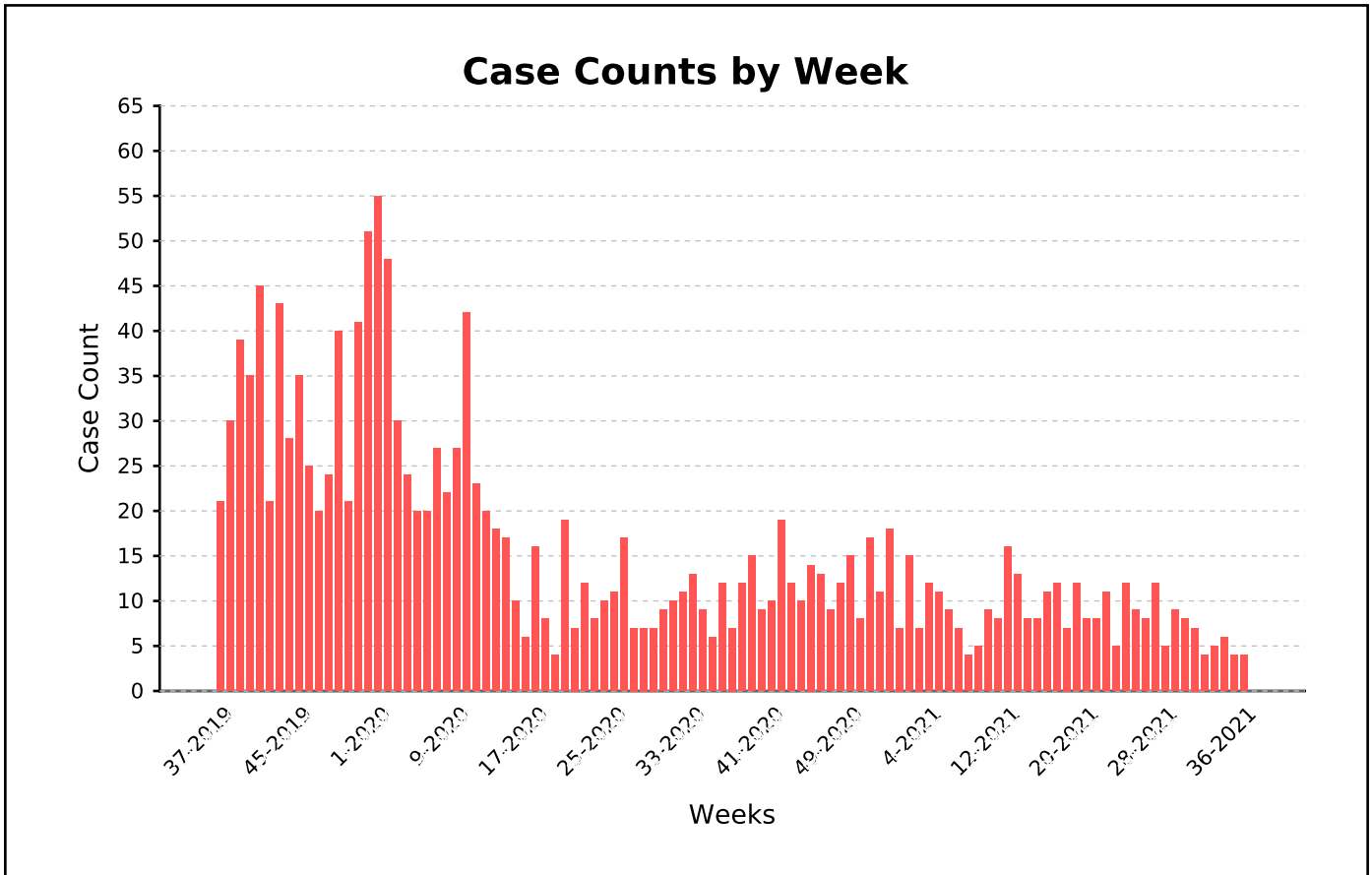
Geographic Area: The State of Michigan

Disease Group: Meningitis

Case Status: Confirmed, Probable, Suspect

Case Types: Individual and Aggregate

Investigation Status: Completed, Completed - Follow Up



Week	Total	Week	Total	Week	Total	Week	Total	Week	Total
37-2019	21	52-2019	51	15-2020	10	30-2020	9	45-2020	14
38-2019	30	1-2020	55	16-2020	6	31-2020	10	46-2020	13
39-2019	39	2-2020	48	17-2020	16	32-2020	11	47-2020	9
40-2019	35	3-2020	30	18-2020	8	33-2020	13	48-2020	12
41-2019	45	4-2020	24	19-2020	4	34-2020	9	49-2020	15
42-2019	21	5-2020	20	20-2020	19	35-2020	6	50-2020	8
43-2019	43	6-2020	20	21-2020	7	36-2020	12	51-2020	17
44-2019	28	7-2020	27	22-2020	12	37-2020	7	52-2020	11
45-2019	35	8-2020	22	23-2020	8	38-2020	12	53-2020	18
46-2019	25	9-2020	27	24-2020	10	39-2020	15	1-2021	7
47-2019	20	10-2020	42	25-2020	11	40-2020	9	2-2021	15
48-2019	24	11-2020	23	26-2020	17	41-2020	10	3-2021	7
49-2019	40	12-2020	20	27-2020	7	42-2020	19	4-2021	12
50-2019	21	13-2020	18	28-2020	7	43-2020	12	5-2021	11
51-2019	41	14-2020	17	29-2020	7	44-2020	10	6-2021	9

Week	Total
7-2021	7
8-2021	4
9-2021	5
10-2021	9
11-2021	8
12-2021	16
13-2021	13
14-2021	8
15-2021	8
16-2021	11
17-2021	12
18-2021	7
19-2021	12
20-2021	8
21-2021	8
22-2021	11
23-2021	5
24-2021	12
25-2021	9
26-2021	8
27-2021	12
28-2021	5
29-2021	9
30-2021	8
31-2021	7
32-2021	4
33-2021	5
34-2021	6
35-2021	4
36-2021	4