



# **Weekly Disease Report For The Week Ending September 10<sup>th</sup>, 2022 (MMWR Week 36)**

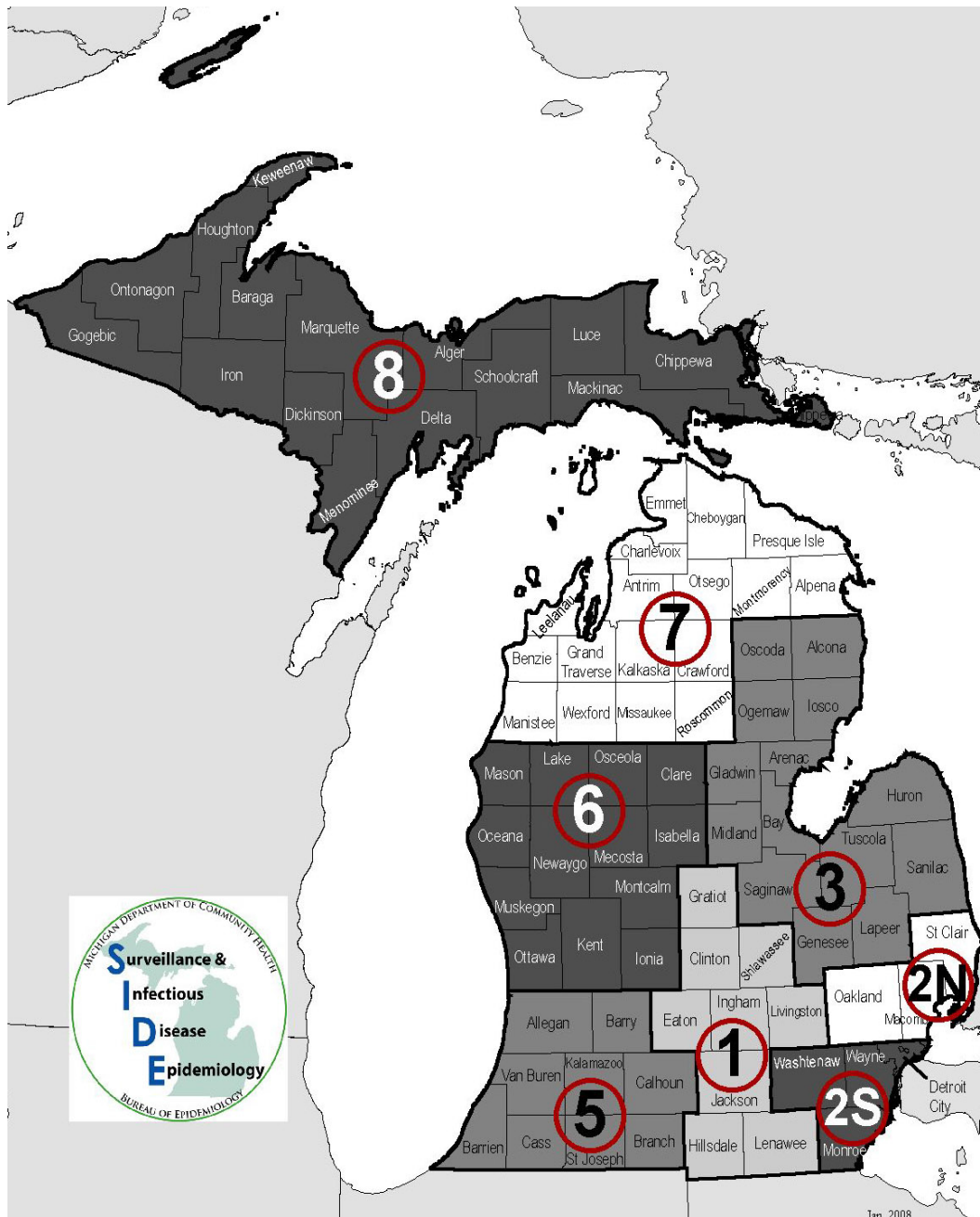
The Michigan Disease Surveillance System (MDSS) has revolutionized communicable disease reporting in Michigan; and subsequently, has transformed the Weekly Disease Report. The advent of the MDSS allows immediate communication among disease reporting authorities, local health departments, and the Michigan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

The data in the Weekly Disease Report are provisional, based on current reports to MDHHS by local health departments. The MDSS is a dynamic, continually active system: counts of disease are constantly changing as cases are investigated, confirmed as cases, or ruled out as not meeting the case definition. The Weekly Disease Report reflects this constant activity as the numbers slightly fluctuate each week. Therefore, it should be kept in mind that numbers in the Weekly Disease Report are NOT final and should be used only to generally monitor trends over time. Please contact your local health department for definitive numbers to be used for research or reporting purposes. To find your local health department, please visit <http://www.malph.org>

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

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

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



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

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

Disease Group	Reportable Condition	Cases Reported In The Last 4 Weeks**				Total Cases Reported In Each Of The Last 5 Years***				
		33-2022	34-2022	35-2022	36-2022	2018	2019	2020	2021	2022
COVID19/MIS										
	Multisystem Inflammatory Syndrome	0	0	1	0	0	0	80	175	71
	<b>Subtotal</b>	0	0	1	0	0	0	80	175	71
Foodborne										
	Amebiasis	0	0	0	0	2	9	7	6	8
	Botulism - Foodborne	0	0	0	0	0	0	0	1	0
	Campylobacter	41	29	33	32	1,705	1,705	1,221	1,515	1,001
	Cryptosporidiosis	4	13	9	7	383	419	245	249	226
	Giardiasis	8	5	8	6	464	428	379	437	260
	Listeriosis	0	1	0	0	19	29	29	36	27
	Listeriosis (2014-2017)*	0	0	0	0	4	1	0	0	0
	Norovirus	1	0	2	1	1,011	1,481	583	594	1,347
	Paratyphoid Fever	0	0	0	0	1	4	4	2	2
	Salmonellosis	29	26	12	11	1,163	1,077	905	872	607
	Shiga toxin-producing Escherichia coli --(STEC)	10	5	8	5	0	284	211	267	309
	Shigellosis	1	3	3	8	209	219	152	170	152
	Typhoid Fever	0	1	0	0	6	10	1	4	10
	Yersinia enterocolitica	3	4	3	5	82	76	81	89	147
<b>Subtotal</b>	97	87	78	75	5,049	5,742	3,818	4,242	4,096	
Influenza										
	Flu Like Disease*	230	563	1,167	405	379,206	347,997	204,963	86,082	102,282
	Influenza	73	67	57	63	46,098	31,033	31,977	3,462	27,397
	Influenza, Novel	3	0	0	0	3	1	0	0	3
	Respiratory Syncytial Virus	7	15	6	10	0	0	0	43	166
	<b>Subtotal</b>	313	645	1,230	478	425,307	379,031	236,940	89,587	129,848
Meningitis										
	Cronobacter (infant)	0	0	0	0	0	0	0	0	0
	Meningitis - Aseptic	5	5	6	13	827	458	260	261	194
	Meningitis - Bacterial Other	1	3	4	4	149	121	103	125	114
	Meningococcal Disease	0	0	0	0	4	8	3	5	4
Streptococcus pneumoniae, Inv	9	4	9	11	791	938	529	523	454	

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		33-2022	34-2022	35-2022	36-2022	2018	2019	2020	2021	2022
	<b>Subtotal</b>	15	12	19	28	1,771	1,525	895	914	766
Other	Acute Flaccid Myelitis (AFM)	0	0	0	0	6	3	4	1	2
	Anthrax	0	0	0	0	0	0	0	0	0
	Blastomycosis	2	1	0	3	20	26	23	29	53
	Botulism - Infant	0	0	0	0	1	0	2	0	1
	Botulism - Other	0	0	0	0	2	0	1	2	3
	Brucellosis	0	1	0	0	4	1	4	2	9
	CP-CRE	7	13	12	23	0	19	267	479	547
	Candida auris	1	0	0	2	0	0	0	3	32
	Cholera	0	1	0	0	0	2	1	0	2
	Coccidioidomycosis	1	0	2	3	40	51	53	80	59
	Creutzfeldt-Jakob Disease	1	0	0	2	12	15	10	16	24
	Cryptococcosis	1	0	1	1	15	18	24	25	19
	Cyclosporiasis	3	1	0	1	0	1	25	52	62
	Encephalitis, Post Chickenpox	0	0	0	0	1	1	0	0	1
	Encephalitis, Post Mumps	0	0	0	0	0	0	0	0	0
	Encephalitis, Post Other	0	1	0	0	10	14	10	16	11
	Encephalitis, Primary	0	0	0	0	18	14	16	12	6
	Gastrointestinal Illness	149	372	844	559	154,968	138,801	61,476	45,986	59,341
	Guillain-Barre Syndrome	1	2	0	1	48	63	50	64	45
	Hantavirus	0	0	0	0	0	0	0	0	0
	Hantavirus, Other	0	0	0	0	0	0	0	0	0
	Hantavirus, Pulmonary	0	0	0	0	0	0	0	1	0
	Hemolytic Uremic Syndrome	2	1	1	2	0	8	5	3	18
Hemorrhagic Fever	0	0	0	0	0	0	0	0	0	
Histoplasmosis	5	10	14	23	171	234	194	270	300	
Kawasaki	0	0	0	3	35	55	63	48	37	
Legionellosis	15	14	10	9	643	561	385	583	285	
Leprosy	0	0	0	0	1	0	0	2	0	
Leptospirosis	0	0	0	0	1	3	3	2	3	

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		33-2022	34-2022	35-2022	36-2022	2018	2019	2020	2021	2022
	Melioidosis+	0	0	0	0	0	0	0	0	0
	Monkeypox	49	43	37	34	0	0	0	0	338
	Novel Coronavirus SARS/MERS	0	0	0	0	1	0	0	0	0
	Plague	0	0	0	0	0	0	0	0	0
	Psittacosis	0	0	0	0	4	0	2	2	4
	Q Fever Acute	0	0	0	1	4	5	4	4	2
	Q Fever Chronic	0	0	0	0	1	0	1	0	0
	Q Fever*	0	1	0	1	3	2	2	3	7
	Rabies Human	1	0	0	0	0	0	0	0	1
	Reye Syndrome	0	0	0	0	0	0	0	0	0
	Rheumatic Fever	0	0	0	0	0	0	0	0	2
	Rubella - Congenital	0	0	0	0	0	0	0	0	2
	Streptococcal Dis, Inv, Grp A	6	10	5	7	428	449	340	267	238
	Streptococcal Toxic Shock	0	1	0	0	5	5	4	2	2
	Streptococcus pneumoniae, Drug Resistant	1	0	0	0	96	80	32	41	25
	Toxic Shock	0	0	0	0	4	7	3	5	1
	Trachoma	0	0	0	0	0	0	2	1	0
	Trichinosis	0	0	0	0	0	0	0	0	0
	Tularemia	0	0	1	0	2	1	0	1	4
	VISA	0	1	0	0	8	11	0	4	2
	VRSA	0	0	0	0	0	0	0	1	1
	Vibriosis - Non Cholera	0	0	1	2	0	34	27	44	33
	<b>Subtotal</b>	<b>245</b>	<b>473</b>	<b>928</b>	<b>677</b>	<b>156,552</b>	<b>140,484</b>	<b>63,033</b>	<b>48,051</b>	<b>61,522</b>
Rabies										
	Rabies Animal	1	2	1	2	76	58	55	49	42
	Rabies: Potential Exposure & PEP	160	271	145	124	50	5,453	3,650	3,690	3,078
	<b>Subtotal</b>	<b>161</b>	<b>273</b>	<b>146</b>	<b>126</b>	<b>126</b>	<b>5,511</b>	<b>3,705</b>	<b>3,739</b>	<b>3,120</b>
STD										
	Chancroid	0	0	0	0	0	0	0	2	0
	Chlamydia (Genital)	932	861	836	673	51,615	50,421	44,844	45,021	30,015
	Gonorrhea	295	323	322	275	17,046	18,278	23,405	21,770	11,685

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		33-2022	34-2022	35-2022	36-2022	2018	2019	2020	2021	2022
	Granuloma Inguinale	0	0	0	0	0	0	0	0	1
	Lymphogranuloma venereum	0	0	0	0	16	1	8	4	2
	Syphilis - Congenital	1	0	0	1	14	16	29	43	27
	Syphilis - Early Latent	16	14	5	0	412	558	567	736	465
	Syphilis - Late Latent*	0	0	0	0	0	0	0	0	0
	Syphilis - Late with Manifestations*	0	0	0	0	0	0	0	0	0
	Syphilis - Latent of Unknown Duration*	0	0	0	0	0	0	0	0	0
	Syphilis - Primary	8	3	2	0	228	273	312	357	268
	Syphilis - Secondary	13	4	5	0	426	411	471	621	373
	Syphilis - To Be Determined	12	29	49	121	2	0	0	0	269
	Syphilis - Unknown Duration or Late	14	17	7	1	624	656	667	926	668
<b>Subtotal</b>		1,291	1,251	1,226	1,071	70,383	70,614	70,303	69,480	43,773
Tuberculosis										
	Latent Tuberculosis Infection	38	41	31	42	1,126	2,054	1,354	1,484	1,300
	Nontuberculous Mycobacterium	12	12	7	13	840	854	685	769	586
	Tuberculosis	11	11	0	17	117	138	98	127	106
<b>Subtotal</b>		61	64	38	72	2,083	3,046	2,137	2,380	1,992
VPD										
	Chickenpox (Varicella)	2	4	5	8	436	422	185	185	153
	Diphtheria	0	0	0	0	0	0	0	1	1
	H. influenzae Disease - Inv.	4	5	2	3	174	223	100	170	159
	Measles	0	0	0	0	19	46	0	5	6
	Mumps	1	1	2	1	81	29	7	13	23
	Pertussis	0	2	1	2	658	546	116	220	59
	Polio	0	0	0	0	0	0	0	0	0
	Rubella	1	0	0	0	0	0	1	7	10
	Shingles	19	11	10	9	1,252	1,222	817	632	472
	Tetanus	0	0	0	0	2	1	0	1	2
VZ Infection, Unspecified	11	11	5	20	213	228	237	416	335	
<b>Subtotal</b>		38	34	25	43	2,835	2,717	1,463	1,650	1,220
Vectorborne										

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		33-2022	34-2022	35-2022	36-2022	2018	2019	2020	2021	2022
	Babesiosis++	0	0	0	1	5	2	1	8	18
	Chikungunya~	1	0	0	0	0	0	0	1	4
	Dengue Fever	0	0	1	1	0	2	9	5	12
	Ehrlichiosis*	0	0	0	0	0	0	0	0	0
	Ehrlichiosis, Anaplasma phagocytophilum	2	1	2	2	0	2	20	72	69
	Ehrlichiosis, Anaplasma phagocytophilum (2009-	0	0	0	0	17	15	0	0	0
	Ehrlichiosis, Anaplasmosis Undetermined	0	0	0	0	0	0	0	0	0
	Ehrlichiosis, Ehrlichia chaffeensis	0	0	0	0	0	2	5	9	11
	Ehrlichiosis, Ehrlichia chaffeensis (2009-2019)*	0	0	0	0	7	3	0	0	0
	Ehrlichiosis, Ehrlichia ewingii	0	0	0	0	0	0	0	0	0
	Ehrlichiosis, Ehrlichia ewingii (2009-2019)*	0	0	0	0	0	0	0	0	0
	Ehrlichiosis, human granulocytic*	0	0	0	0	0	0	0	0	0
	Ehrlichiosis, human monocytic*	0	0	0	0	0	0	0	0	0
	Ehrlichiosis, human other/undetermined (2009-	0	0	0	0	1	0	0	0	0
	Ehrlichiosis human, other, unsp*	0	0	0	0	0	0	0	0	0
	Encephalitis, California Serogroup	0	0	0	0	0	0	4	8	3
	Encephalitis, Eastern Equine	0	0	0	0	0	0	4	1	0
	Encephalitis, Powassan	0	0	0	0	0	0	0	0	0
	Encephalitis, St. Louis	0	0	0	0	0	0	0	1	0
	Encephalitis, Western Equine	0	0	0	0	0	0	0	0	0
	Lyme Disease	49	38	31	41	309	490	533	1,269	1,075
	Malaria	1	2	1	1	29	26	14	16	25
	Rickettsial Disease - Spotted Fever	2	0	0	1	0	2	48	12	14
	Rickettsial Disease - Typhus	0	0	0	0	0	0	0	0	1
	West Nile Virus	2	0	0	1	0	0	33	72	19
	Yellow Fever	0	0	0	0	0	0	0	0	0
	Zika~~	0	0	0	0	0	0	0	4	1
	<b>Subtotal</b>	<b>57</b>	<b>41</b>	<b>35</b>	<b>48</b>	<b>368</b>	<b>544</b>	<b>671</b>	<b>1,478</b>	<b>1,252</b>
Viral Hepatitis										
	Hepatitis A	0	2	4	5	332	80	23	31	34
	Hepatitis B, Acute	40	37	42	39	80	65	45	36	1,077

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		33-2022	34-2022	35-2022	36-2022	2018	2019	2020	2021	2022
	Hepatitis B, Chronic	24	32	27	34	1,073	1,011	695	642	1,052
	Hepatitis B, Perinatal	0	0	1	0	1	0	0	0	3
	Hepatitis C, Acute	32	27	46	73	175	133	145	127	502
	Hepatitis C, Chronic	128	96	93	91	10,323	5,989	4,345	4,186	3,216
	Hepatitis C, Perinatal	0	0	0	0	11	10	8	9	7
	Hepatitis E	0	0	0	0	9	5	9	14	10
	<b>Subtotal</b>	<b>224</b>	<b>194</b>	<b>213</b>	<b>242</b>	<b>12,004</b>	<b>7,293</b>	<b>5,270</b>	<b>5,045</b>	<b>5,901</b>

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

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

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







Table of Diseases by Geographic Location																								
Time Period: Week 36-2022																								
Disease	Alcona		Alger		Allegan		Alpena		Antrim		Arenac		Baraga		Barry		Bay		Benzie		Berrien		Branch	
	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD
Reye Syndrome	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rheumatic Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rickettsial Disease - Spotted Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-
Rickettsial Disease - Typhus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Salmonellosis	-	1	-	2	-	11	-	2	-	4	-	-	-	-	4	-	2	-	-	-	-	5	-	4
Shiga toxin-producing Escherichia coli --(STEC)	-	-	-	-	-	7	-	-	-	1	-	-	-	-	4	-	1	-	-	-	-	6	-	3
Shigellosis	-	-	-	-	-	3	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	2	-	-
Shingles	-	-	-	-	-	3	-	1	-	-	-	-	1	-	3	-	-	-	-	-	-	1	-	1
Streptococcal Dis, Inv, Grp A	-	-	-	-	-	-	-	-	2	-	1	-	-	-	1	-	4	-	-	-	-	-	-	-
Streptococcal Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Drug Resistant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	7	-	-
Streptococcus pneumoniae, Inv	-	1	-	-	-	7	-	8	-	4	-	-	-	-	3	-	9	-	-	-	-	7	-	3
Syphilis - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Early Latent	-	-	-	-	-	2	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	2	-	1
Syphilis - Late Latent*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Latent of Unknown Duration*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Late with Manifestations*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Primary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	1
Syphilis - Secondary	-	-	-	-	-	5	-	-	-	-	-	-	-	-	1	-	2	-	-	-	-	2	-	-
Syphilis - To Be Determined	-	-	-	-	1	1	-	-	-	-	-	-	-	-	1	2	3	-	-	-	-	-	-	1
Syphilis - Unknown Duration or Late	-	-	-	-	-	5	-	-	-	-	-	-	-	1	-	2	-	3	-	-	-	7	-	4
Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trachoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichinosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis	-	-	-	-	-	1	-	2	-	-	-	-	-	-	1	-	-	-	1	-	2	-	-	-
Tularemia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vibriosis - Non Cholera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
VISA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VRSA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VZ Infection, Unspecified	-	-	-	-	-	2	-	-	-	-	-	-	1	-	-	-	1	-	1	-	-	-	-	1
West Nile Virus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yellow Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yersinia enteritis	-	-	-	-	-	-	-	-	2	-	-	-	-	-	4	-	1	-	4	-	-	-	-	1
Zika	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>	<b>1</b>	<b>44</b>	<b>0</b>	<b>23</b>	<b>14</b>	<b>7,126</b>	<b>2</b>	<b>181</b>	<b>5</b>	<b>215</b>	<b>1</b>	<b>172</b>	<b>1</b>	<b>172</b>	<b>85</b>	<b>4,126</b>	<b>28</b>	<b>1,494</b>	<b>1</b>	<b>135</b>	<b>26</b>	<b>1,375</b>	<b>101</b>	<b>4,121</b>

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





Table of Diseases by Geographic Location																								
Time Period: Week 36-2022																								
Disease	Calhoun		Cass		Charlevoix		Cheboygan		Chippewa		Clare		Clinton		Crawford		Delta		Detroit City		Dickinson		Eaton	
	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD
Reye Syndrome	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rheumatic Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Rickettsial Disease - Spotted Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	1
Rickettsial Disease - Typhus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-
Rubella - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Salmonellosis	-	15	-	2	-	1	-	-	-	1	-	6	2	7	-	2	-	3	-	13	-	4	-	14
Shiga toxin-producing Escherichia coli --(STEC)	-	2	-	2	-	1	-	-	-	1	-	1	-	5	-	-	-	-	-	4	-	-	-	2
Shigellosis	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	2	17	-	-	-	1
Shingles	-	10	-	-	-	-	-	-	-	-	-	1	-	3	-	-	1	1	-	7	-	-	-	9
Streptococcal Dis, Inv, Grp A	1	4	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	44	-	2	-	2
Streptococcal Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Streptococcus pneumoniae, Drug Resistant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Inv	-	11	-	2	-	-	-	-	-	-	-	4	-	2	-	-	-	6	3	65	-	1	-	9
Syphilis - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	16	-	-	-	-
Syphilis - Early Latent	-	3	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	149	-	1	-	1
Syphilis - Late Latent*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Latent of Unknown Duration*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Late with Manifestations*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Primary	-	4	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	83	-	1	-	-
Syphilis - Secondary	-	7	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	125	-	-	-	2
Syphilis - To Be Determined	1	2	-	-	-	-	-	-	-	1	-	-	1	1	-	-	-	-	42	79	-	-	-	2
Syphilis - Unknown Duration or Late	-	9	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-	2	-	211	-	-	-	6
Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trachoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichinosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	23	-	-	-	1
Tularemia	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vibriosis - Non Cholera	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	4
VISA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VRSA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
VZ Infection, Unspecified	-	3	-	1	-	-	-	1	-	1	-	1	-	4	-	-	-	-	3	74	-	-	-	2
West Nile Virus	-	-	-	1	1	1	-	-	-	-	-	-	-	1	-	-	-	-	-	2	-	-	-	-
Yellow Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yersinia enteritis	-	6	-	-	-	1	-	2	-	1	-	1	-	-	-	1	-	-	-	3	-	-	1	3
Zika	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
<b>Total</b>	<b>21</b>	<b>1,803</b>	<b>9</b>	<b>1,802</b>	<b>8</b>	<b>359</b>	<b>4</b>	<b>140</b>	<b>8</b>	<b>239</b>	<b>58</b>	<b>1,228</b>	<b>6</b>	<b>3,451</b>	<b>0</b>	<b>70</b>	<b>8</b>	<b>531</b>	<b>328</b>	<b>15,282</b>	<b>11</b>	<b>1,384</b>	<b>203</b>	<b>8,121</b>

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







Table of Diseases by Geographic Location																								
Time Period: Week 36-2022																								
Disease	Emmet		Genesee		Gladwin		Gogebic		Grand Traverse		Gratiot		Hillsdale		Houghton		Huron		Ingham		Ionia		Iosco	
	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD
Reye Syndrome	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rheumatic Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rickettsial Disease - Spotted Fever	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rickettsial Disease - Typhus	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Rubella - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Salmonellosis	-	2	-	13	-	1	-	-	-	8	-	4	-	3	-	5	-	3	-	16	-	3	-	2
Shiga toxin-producing Escherichia coli --(STEC)	-	-	-	11	-	-	-	1	-	5	-	1	-	-	-	6	-	3	-	10	-	2	-	-
Shigellosis	-	-	-	2	-	-	-	-	-	2	-	-	-	1	-	-	-	-	1	7	-	-	-	1
Shingles	-	1	-	9	-	-	-	-	-	9	-	1	-	-	-	1	-	-	-	22	-	3	-	-
Streptococcal Dis, Inv, Grp A	-	-	1	12	-	-	-	1	-	3	-	1	-	2	-	-	-	-	7	-	4	-	1	
Streptococcal Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Drug Resistant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Inv	-	1	-	22	-	2	-	-	-	4	-	1	-	3	-	2	-	3	-	9	1	3	1	1
Syphilis - Congenital	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Early Latent	-	-	-	17	-	-	-	-	-	3	-	-	-	1	-	-	-	-	16	-	1	-	-	-
Syphilis - Late Latent*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Latent of Unknown Duration*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Late with Manifestations*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Primary	-	1	-	8	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	7	-	-	-	-
Syphilis - Secondary	-	-	-	12	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	5	-	2	-	-
Syphilis - To Be Determined	-	-	4	19	-	-	-	-	1	1	-	1	-	-	-	1	-	-	2	5	-	-	-	-
Syphilis - Unknown Duration or Late	-	-	-	22	-	-	-	-	-	1	-	-	-	2	-	-	-	2	-	19	-	2	-	-
Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trachoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichinosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	4	-	-	-	-
Tularemia	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vibriosis - Non Cholera	-	-	-	1	-	-	-	-	-	2	-	-	-	-	-	-	-	-	7	-	-	-	-	-
VISA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VRSA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VZ Infection, Unspecified	-	1	-	12	-	-	-	-	-	2	-	-	-	1	-	-	-	-	2	-	2	-	-	-
West Nile Virus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yellow Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yersinia enteritis	-	1	-	4	-	-	-	-	-	7	1	2	-	2	-	-	-	1	-	7	-	-	-	-
Zika	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>	12	888	82	14,201	2	406	0	199	13	2,025	3	289	64	2,124	7	151	3	1,399	64	2,498	23	635	4	98

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 36-2022																								
Disease	Iron		Isabella		Jackson		Kalamazoo		Kalkaska		Kent		Keweenaw		Lake		Lapeer		Leelanau		Lenawee		Livingston	
	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD
Reye Syndrome	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rheumatic Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rickettsial Disease - Spotted Fever	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Rickettsial Disease - Typhus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-
Rubella - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Salmonellosis	-	-	-	5	-	13	3	22	-	3	3	47	-	-	-	-	4	-	4	-	8	-	12	
Shiga toxin-producing Escherichia coli --(STEC)	-	-	-	3	-	3	-	12	-	3	1	39	-	-	-	-	-	-	1	-	7	-	8	
Shigellosis	-	-	-	1	-	-	-	5	-	-	1	16	-	-	-	1	-	-	-	1	-	1	-	3
Shingles	-	-	-	-	-	8	-	23	-	-	-	42	-	-	-	-	4	-	-	1	4	-	29	
Streptococcal Dis, Inv, Grp A	-	-	-	1	-	7	-	10	-	1	3	20	-	-	-	-	2	-	1	-	-	-	5	
Streptococcal Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Streptococcus pneumoniae, Drug Resistant	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	
Streptococcus pneumoniae, Inv	-	1	-	4	-	8	-	13	-	2	-	16	-	-	-	2	-	4	-	-	3	-	6	
Syphilis - Congenital	-	-	-	-	-	2	-	1	-	-	-	1	-	-	-	-	-	-	-	-	1	-	-	
Syphilis - Early Latent	-	-	-	2	-	9	-	11	-	-	-	18	-	-	-	-	-	-	-	-	4	-	5	
Syphilis - Late Latent*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Syphilis - Latent of Unknown Duration*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Syphilis - Late with Manifestations*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Syphilis - Primary	-	-	-	-	-	1	-	11	-	1	-	19	-	-	-	1	-	-	-	-	-	-	-	
Syphilis - Secondary	-	-	-	1	-	5	-	18	-	-	-	15	-	-	-	-	3	-	-	-	2	-	1	
Syphilis - To Be Determined	1	1	1	1	-	5	6	8	-	-	5	6	-	-	-	-	1	-	-	-	-	2	2	
Syphilis - Unknown Duration or Late	-	-	-	1	-	55	-	25	-	-	-	43	-	-	-	-	-	-	-	-	2	-	3	
Tetanus	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Trachoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Trichinosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Tuberculosis	-	-	-	-	1	3	-	1	-	-	1	9	-	-	-	-	-	-	-	-	1	-	-	
Tularemia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Typhoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Vibriosis - Non Cholera	-	-	-	-	-	-	-	1	-	-	-	2	-	-	-	-	-	-	-	-	1	1	-	
VISA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VRSA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VZ Infection, Unspecified	-	-	-	1	-	3	-	-	-	1	-	18	-	-	-	-	3	-	-	-	-	-	8	
West Nile Virus	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	
Yellow Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Yersinia enteritis	-	-	-	1	-	-	-	3	-	1	1	10	-	-	-	-	1	-	-	-	3	-	10	
Zika	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Total</b>	<b>2</b>	<b>619</b>	<b>14</b>	<b>3,029</b>	<b>49</b>	<b>3,953</b>	<b>68</b>	<b>5,263</b>	<b>0</b>	<b>293</b>	<b>136</b>	<b>5,532</b>	<b>0</b>	<b>7</b>	<b>1</b>	<b>251</b>	<b>29</b>	<b>2,137</b>	<b>3</b>	<b>185</b>	<b>10</b>	<b>2,158</b>	<b>15</b>	<b>8,407</b>

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





Table of Diseases by Geographic Location																								
Time Period: Week		36-2022																						
Disease	Luce		Mackinac		Macomb		Manistee		Marquette		Mason		Mecosta		Menominee		Midland		Missaukee		Monroe		Montcalm	
	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD
Reye Syndrome	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rheumatic Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rickettsial Disease - Spotted Fever	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rickettsial Disease - Typhus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Salmonellosis	-	-	-	-	-	45	-	2	-	2	-	2	-	1	-	1	-	7	-	3	1	11	-	8
Shiga toxin-producing Escherichia coli --(STEC)	-	-	-	-	-	12	-	1	-	-	-	1	-	2	1	1	-	2	-	1	-	8	-	2
Shigellosis	-	-	-	-	-	12	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-
Shingles	-	-	-	1	2	111	-	-	-	-	2	-	-	-	2	-	1	-	-	-	-	-	-	-
Streptococcal Dis, Inv, Grp A	-	-	-	-	-	17	-	-	-	-	-	1	-	2	-	2	-	2	-	-	-	4	-	-
Streptococcal Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Drug Resistant	-	-	-	-	-	5	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Inv	-	1	-	-	-	17	-	1	-	3	-	2	1	3	-	3	-	8	-	1	-	4	-	7
Syphilis - Congenital	-	-	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1
Syphilis - Early Latent	-	1	-	-	-	32	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	2	-	-
Syphilis - Late Latent*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Latent of Unknown Duration*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Late with Manifestations*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Primary	-	-	-	-	-	16	-	1	-	1	-	-	-	-	-	-	-	1	-	-	-	2	-	-
Syphilis - Secondary	-	-	-	-	-	36	-	-	-	2	-	-	-	2	-	-	-	-	-	-	-	1	-	1
Syphilis - To Be Determined	1	1	-	-	14	28	-	-	-	1	-	-	-	-	-	-	1	2	-	-	2	2	1	1
Syphilis - Unknown Duration or Late	-	-	-	1	1	54	-	1	-	-	-	-	-	-	-	-	-	2	-	-	-	4	-	2
Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trachoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichinosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis	-	-	-	-	3	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tularemia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid Fever	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vibriosis - Non Cholera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VISA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VRSA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VZ Infection, Unspecified	-	1	-	1	-	2	-	-	-	-	-	1	-	2	-	3	1	2	-	1	1	2	-	11
West Nile Virus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yellow Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yersinia enteritis	-	-	-	-	-	1	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	4	-	1
Zika	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>	<b>1</b>	<b>53</b>	<b>8</b>	<b>109</b>	<b>131</b>	<b>8,114</b>	<b>1</b>	<b>213</b>	<b>10</b>	<b>438</b>	<b>2</b>	<b>2,015</b>	<b>12</b>	<b>639</b>	<b>5</b>	<b>236</b>	<b>51</b>	<b>2,163</b>	<b>1</b>	<b>774</b>	<b>19</b>	<b>3,340</b>	<b>7</b>	<b>412</b>

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







Table of Diseases by Geographic Location																								
Time Period: Week 36-2022																								
Disease	Montmorency		Muskegon		Newaygo		Oakland		Oceana		Ogemaw		Ontonagon		Osceola		Oscoda		Otsego		Ottawa		Presque Isle	
	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD
Reye Syndrome	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rheumatic Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rickettsial Disease - Spotted Fever	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Rickettsial Disease - Typhus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Salmonellosis	-	-	-	14	-	7	1	57	-	7	-	3	-	1	-	5	-	2	-	-	-	30	-	1
Shiga toxin-producing Escherichia coli --(STEC)	-	-	-	4	-	1	2	31	-	-	-	2	-	-	-	-	-	-	-	-	-	26	-	1
Shigellosis	-	-	-	2	-	1	-	17	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	-
Shingles	-	-	-	5	-	1	-	12	-	-	-	2	-	-	-	-	-	-	-	-	-	30	-	-
Streptococcal Dis, Inv, Grp A	-	-	-	5	-	2	-	18	-	1	-	-	-	-	-	-	-	-	-	-	-	5	-	-
Streptococcal Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Drug Resistant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Inv	-	-	-	15	-	1	1	23	-	4	-	1	-	1	-	2	-	2	-	-	-	6	-	-
Syphilis - Congenital	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Early Latent	-	-	-	10	-	1	-	47	-	1	-	-	-	-	-	-	-	-	-	-	-	4	-	-
Syphilis - Late Latent*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Latent of Unknown Duration*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Late with Manifestations*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Primary	-	-	-	8	-	2	-	33	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Syphilis - Secondary	-	-	-	7	-	1	-	45	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Syphilis - To Be Determined	-	-	-	4	-	-	8	34	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Unknown Duration or Late	-	-	-	12	-	-	-	56	-	-	-	-	-	-	-	-	-	-	-	-	-	8	-	-
Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trachoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichinosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis	-	-	-	2	-	-	4	17	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
Tularemia	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid Fever	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vibriosis - Non Cholera	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
VISA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VRSA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VZ Infection, Unspecified	-	-	-	2	-	1	-	1	-	3	-	1	-	-	-	-	-	-	-	-	-	1	-	-
West Nile Virus	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yellow Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yersinia enteritis	-	-	-	-	-	1	-	10	-	1	-	-	-	-	1	-	-	-	-	-	-	3	-	-
Zika	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>	<b>3</b>	<b>42</b>	<b>45</b>	<b>3,489</b>	<b>46</b>	<b>2,344</b>	<b>180</b>	<b>18,657</b>	<b>4</b>	<b>2,094</b>	<b>3</b>	<b>94</b>	<b>0</b>	<b>154</b>	<b>1</b>	<b>426</b>	<b>0</b>	<b>40</b>	<b>3</b>	<b>0</b>	<b>31</b>	<b>31,595</b>	<b>0</b>	<b>81</b>

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





Table of Diseases by Geographic Location																								
Time Period: Week 36-2022																								
Disease	Roscommon		Saginaw		Sanilac		Schoolcraft		Shiawassee		St Clair		St Joseph		Tuscola		Van Buren		Washtenaw		Wayne		Wexford	
	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD	Current	YTD
Reye Syndrome	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rheumatic Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Rickettsial Disease - Spotted Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Rickettsial Disease - Typhus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Rubella	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	3	-	-
Rubella - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Salmonellosis	-	1	-	15	-	1	-	-	-	4	-	13	-	3	-	1	-	4	-	21	1	51	-	2
Shiga toxin-producing Escherichia coli --(STEC)	-	-	-	3	-	-	-	-	-	1	-	-	-	1	-	1	-	-	1	15	-	37	-	1
Shigellosis	-	-	-	4	-	-	-	-	-	-	-	1	-	-	-	-	-	2	1	11	3	25	-	-
Shingles	-	-	-	5	-	-	-	-	-	1	-	8	-	-	1	4	-	6	-	67	3	14	-	1
Streptococcal Dis, Inv, Grp A	-	-	-	4	-	-	-	-	-	1	-	-	-	-	1	-	3	-	4	1	24	-	1	
Streptococcal Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Streptococcus pneumoniae, Drug Resistant	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	2	-	-
Streptococcus pneumoniae, Inv	-	1	-	21	-	-	-	2	1	5	-	4	-	3	-	5	-	5	-	5	3	43	-	1
Syphilis - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Syphilis - Early Latent	-	-	-	9	-	-	-	-	-	-	-	2	-	1	-	-	-	1	-	21	-	82	-	-
Syphilis - Late Latent*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Latent of Unknown Duration*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Late with Manifestations*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Primary	-	-	-	4	-	-	-	-	-	2	-	3	-	-	-	-	-	1	-	16	-	32	-	-
Syphilis - Secondary	-	-	-	5	-	-	-	-	-	1	-	1	-	4	-	-	-	2	-	10	-	42	-	-
Syphilis - To Be Determined	-	-	1	4	-	-	-	-	-	-	-	4	1	2	-	1	-	-	4	12	17	28	-	-
Syphilis - Unknown Duration or Late	-	-	-	12	-	1	-	-	-	1	-	3	-	1	-	-	-	-	20	-	59	-	-	
Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Trachoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichinosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	7	3	20	-	-
Tularemia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Typhoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
Vibriosis - Non Cholera	-	-	-	1	-	-	-	-	-	-	-	1	-	-	-	-	1	1	-	4	-	2	-	-
VISA	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VRSA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VZ Infection, Unspecified	-	-	-	1	-	3	-	2	-	3	-	-	-	1	-	3	-	-	3	6	10	129	-	-
West Nile Virus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	-
Yellow Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yersinia enteritis	-	1	-	3	-	2	-	-	-	-	-	-	-	1	-	1	-	-	1	15	1	15	-	2
Zika	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>	<b>3</b>	<b>255</b>	<b>109</b>	<b>7,303</b>	<b>3</b>	<b>233</b>	<b>0</b>	<b>27</b>	<b>8</b>	<b>1,271</b>	<b>61</b>	<b>4,940</b>	<b>53</b>	<b>3,653</b>	<b>64</b>	<b>2,141</b>	<b>47</b>	<b>2,209</b>	<b>101</b>	<b>11,198</b>	<b>281</b>	<b>28,178</b>	<b>3</b>	<b>1,367</b>

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

# Report 8: Epi-Curve Graph

Time Period: 09/10/2020 - 09/10/2022

Time Breakdown: by Week

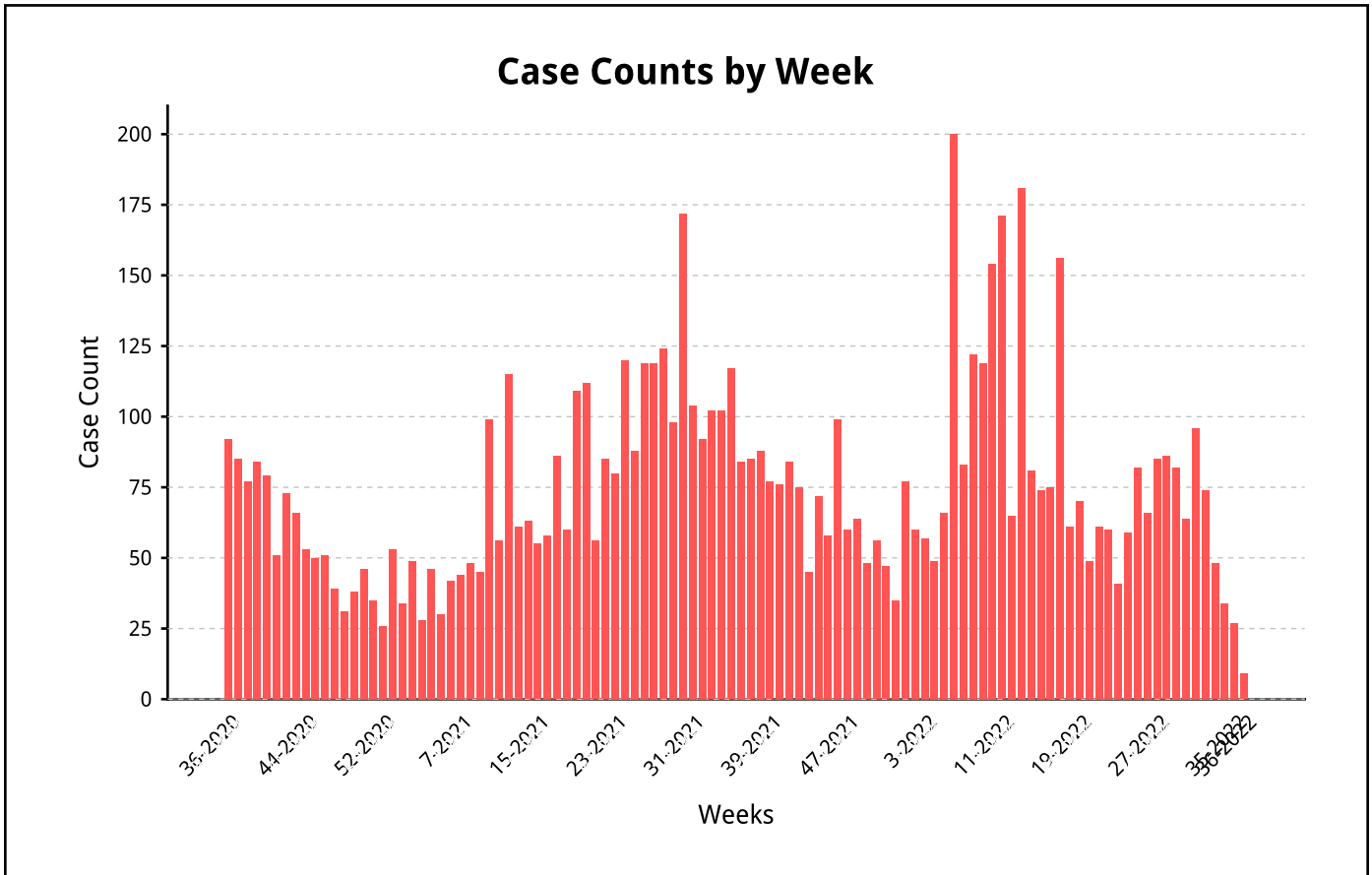
Geographic Area: The State of Michigan

Disease Group: Foodborne

Case Status: Confirmed, Probable, Suspect

Case Types: Individual and Aggregate

Investigation Status: Completed, Completed - Follow Up



Week	Total	Week	Total	Week	Total	Week	Total	Week	Total
36-2020	92	51-2020	35	13-2021	61	28-2021	124	43-2021	45
37-2020	85	52-2020	26	14-2021	63	29-2021	98	44-2021	72
38-2020	77	53-2020	53	15-2021	55	30-2021	172	45-2021	58
39-2020	84	1-2021	34	16-2021	58	31-2021	104	46-2021	99
40-2020	79	2-2021	49	17-2021	86	32-2021	92	47-2021	60
41-2020	51	3-2021	28	18-2021	60	33-2021	102	48-2021	64
42-2020	73	4-2021	46	19-2021	109	34-2021	102	49-2021	48
43-2020	66	5-2021	30	20-2021	112	35-2021	117	50-2021	56
44-2020	53	6-2021	42	21-2021	56	36-2021	84	51-2021	47
45-2020	50	7-2021	44	22-2021	85	37-2021	85	52-2021	35
46-2020	51	8-2021	48	23-2021	80	38-2021	88	1-2022	77
47-2020	39	9-2021	45	24-2021	120	39-2021	77	2-2022	60
48-2020	31	10-2021	99	25-2021	88	40-2021	76	3-2022	57
49-2020	38	11-2021	56	26-2021	119	41-2021	84	4-2022	49
50-2020	46	12-2021	115	27-2021	119	42-2021	75	5-2022	66

<b>Week</b>	<b>Total</b>
6-2022	200
7-2022	83
8-2022	122
9-2022	119
10-2022	154
11-2022	171
12-2022	65
13-2022	181
14-2022	81
15-2022	74
16-2022	75
17-2022	156
18-2022	61
19-2022	70
20-2022	49
21-2022	61
22-2022	60
23-2022	41
24-2022	59
25-2022	82
26-2022	66
27-2022	85
28-2022	86
29-2022	82
30-2022	64
31-2022	96
32-2022	74
33-2022	48
34-2022	34
35-2022	27
36-2022	9

# Report 8: Epi-Curve Graph

Time Period: 09/10/2020 - 09/10/2022

Time Breakdown: by Week

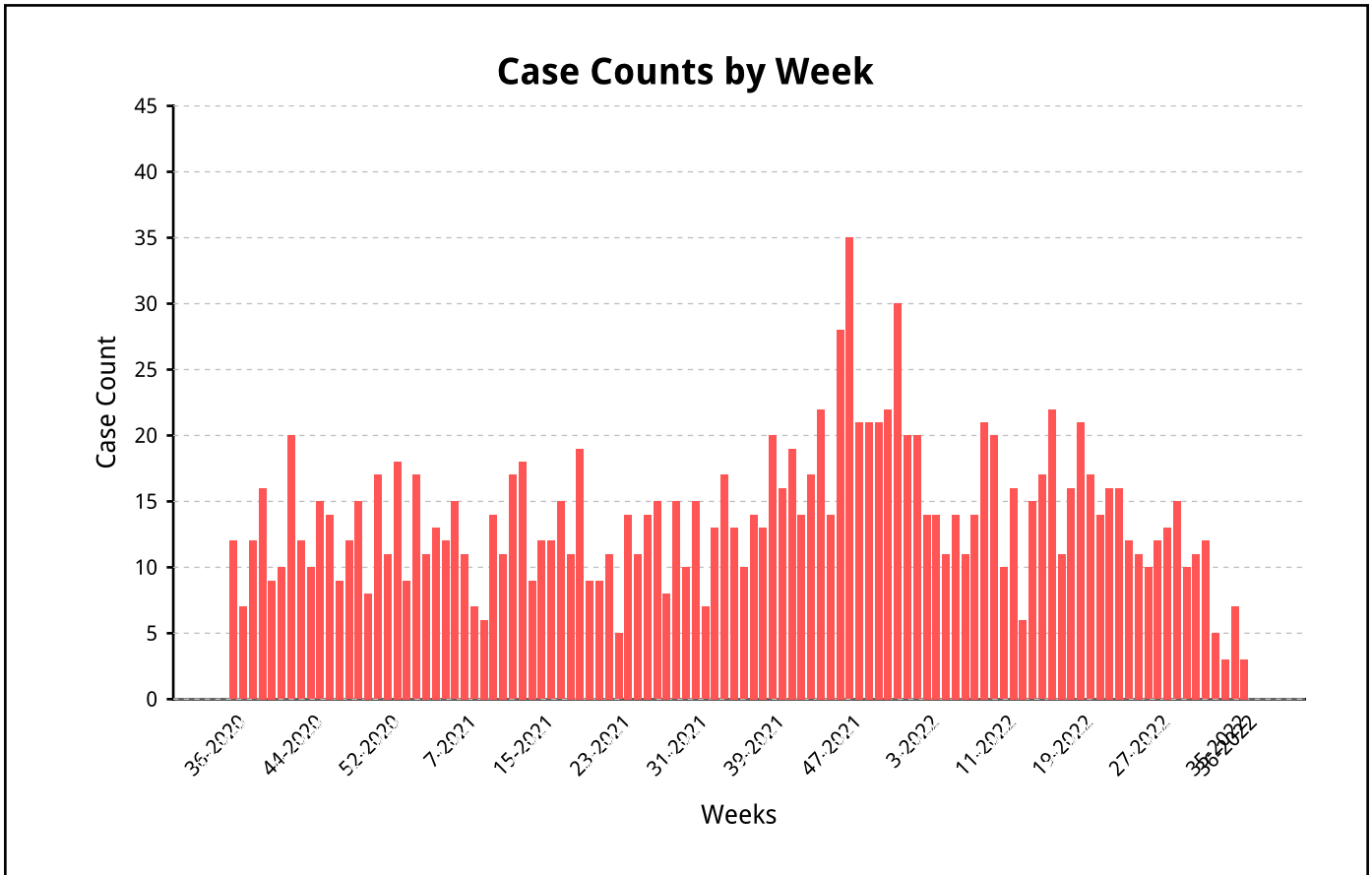
Geographic Area: The State of Michigan

Disease Group: Meningitis

Case Status: Confirmed, Probable, Suspect

Case Types: Individual and Aggregate

Investigation Status: Completed, Completed - Follow Up



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



<b>Week</b>	<b>Total</b>
6-2022	14
7-2022	11
8-2022	14
9-2022	21
10-2022	20
11-2022	10
12-2022	16
13-2022	6
14-2022	15
15-2022	17
16-2022	22
17-2022	11
18-2022	16
19-2022	21
20-2022	17
21-2022	14
22-2022	16
23-2022	16
24-2022	12
25-2022	11
26-2022	10
27-2022	12
28-2022	13
29-2022	15
30-2022	10
31-2022	11
32-2022	12
33-2022	5
34-2022	3
35-2022	7
36-2022	3