



Weekly Disease Report For The Week Ending January 2nd, 2016 (MMWR Week 52)

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

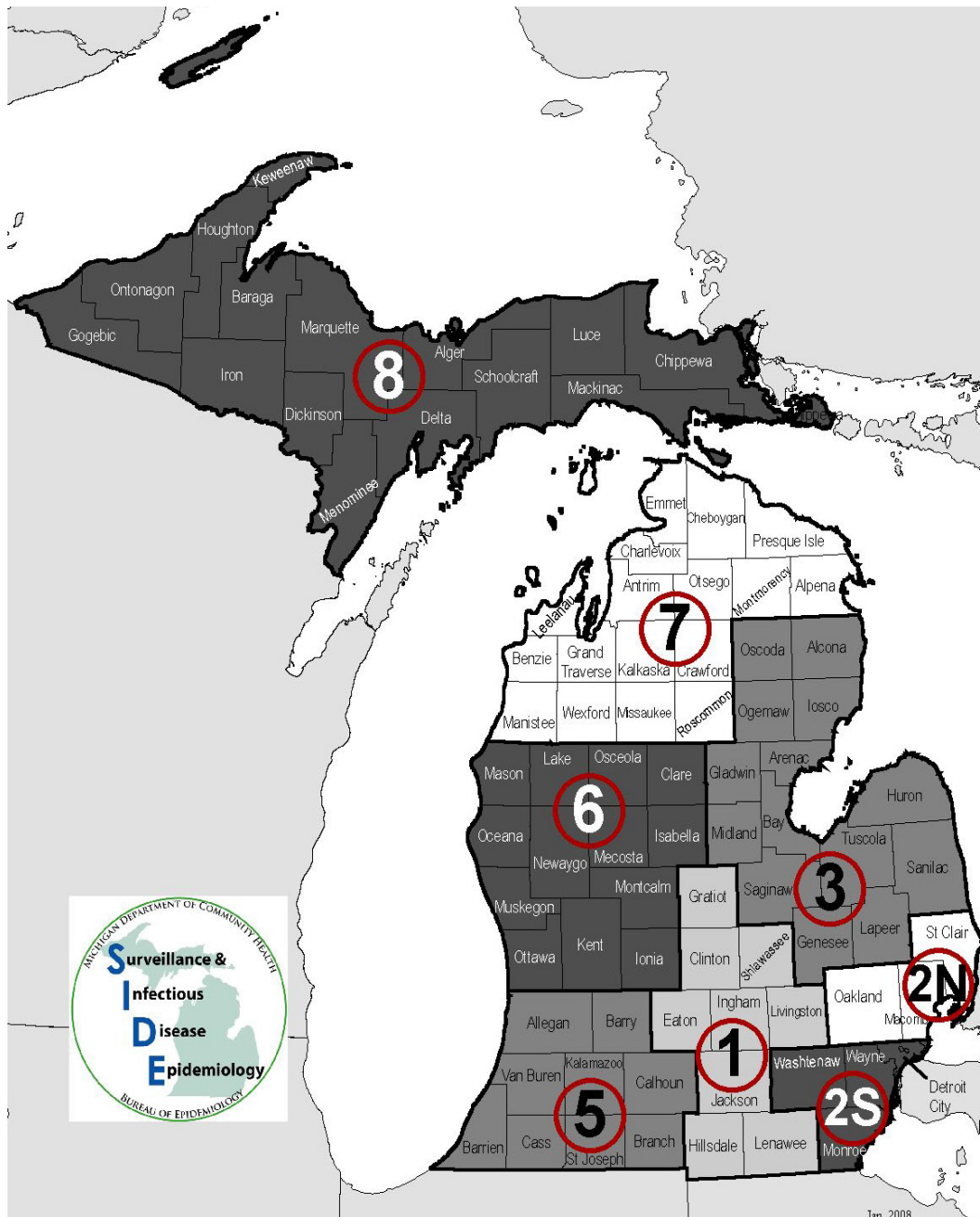
The data in the Weekly Disease Report are provisional, based on current reports to MDHHS by local health departments. The MDSS is a dynamic, continually active system: counts of disease are constantly changing as cases are investigated, confirmed as cases, or ruled out as not meeting the case definition.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

<http://www.malph.org>

Clarification of terms used in the Weekly Disease Report:

MMWR Week: This week (established by the Centers for Disease Control and Prevention) runs from Sunday to Saturday and is assigned a sequentially increasing number from the first week containing a Wednesday in January. For example: 38-2010 is the 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***					
		49-2015	50-2015	51-2015	52-2015	2011	2012	2013	2014	2015	
Foodborne	Amebiasis	0	2	0	0	17	17	35	23	33	
	Botulism - Foodborne	0	0	0	0	0	2	0	0	0	
	Campylobacter	29	19	18	17	1,255	1,212	1,285	1,194	1,348	
	Cryptosporidiosis	4	5	1	8	359	353	267	249	240	
	Giardiasis	4	9	8	3	551	541	548	514	454	
	Listeriosis	0	0	0	0	0	0	0	0	0	
	Listeriosis (2014-2017)*	1	1	0	0	0	0	1	19	20	
	Norovirus	5	5	2	0	218	214	327	341	768	
	Paratyphoid Fever	0	0	0	0	0	0	0	0	0	
	Salmonellosis	16	13	9	18	854	1,003	1,013	1,050	970	
	Shiga toxin-producing Escherichia coli --	3	1	0	3	190	301	213	150	147	
	Shiga toxin-producing Escherichia coli --	0	0	0	0	0	0	0	0	0	
	Shigellosis	7	12	10	17	193	249	175	308	515	
	Typhoid Fever	0	1	0	0	6	9	5	8	9	
	Yersinia enterocolitica	0	1	0	0	25	17	24	24	21	
Subtotal		69	69	48	66	3,668	3,918	3,893	3,880	4,525	
Influenza	Flu Like Disease*	11,364	8,124	1,471	1,117	409,451	389,482	378,616	280,888	298,594	
	Influenza	38	36	37	62	3,338	3,058	6,062	7,918	7,372	
	Influenza, Novel	0	0	0	0	0	12	24	1	0	
	Subtotal		11,402	8,160	1,508	1,179	412,789	392,552	384,702	288,807	305,966
Meningitis	Meningitis - Aseptic	12	8	14	13	906	906	958	679	809	
	Meningitis - Bacterial Other	3	4	1	0	112	136	116	140	142	
	Meningococcal Disease	0	0	0	0	12	15	5	14	8	
	Streptococcus pneumoniae, Inv	12	21	13	18	674	556	617	520	694	
	Subtotal		27	33	28	31	1,704	1,613	1,696	1,353	1,653
Other	Acute Flaccid Myelitis (AFM)	0	0	0	0	0	0	0	0	0	
	Anthrax	0	0	0	0	0	0	0	0	0	

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Reported Cases of All Reportable Conditions Michigan Disease Surveillance System

Disease Group	Reportable Condition	Cases Reported In The Last 4 Weeks**				Total Cases Reported In Each Of The Last 5 Years***				
		49-2015	50-2015	51-2015	52-2015	2011	2012	2013	2014	2015
	Blastomycosis	0	1	0	0	13	13	22	19	13
	Botulism - Infant	0	0	0	0	0	2	0	1	1
	Botulism - Other	0	0	0	0	0	0	0	0	0
	Brucellosis	0	0	0	0	1	1	0	2	2
	CP-CRE	2	8	2	2	0	50	175	131	195
	Candida auris	0	0	0	0	0	0	0	0	0
	Cholera	0	0	0	0	0	0	0	0	0
	Cholera (Pre-2019)*	0	0	0	0	1	0	1	0	0
	Coccidioidomycosis	1	1	0	1	37	35	18	35	27
	Creutzfeldt-Jakob Disease	0	0	1	1	16	14	17	7	18
	Cryptococcosis	0	0	0	0	48	41	35	27	34
	Cyclosporiasis	0	0	0	0	7	0	4	6	8
	Encephalitis, Post Chickenpox	0	0	0	0	2	1	1	1	0
	Encephalitis, Post Mumps	0	0	0	0	0	0	0	0	0
	Encephalitis, Post Other	0	2	0	0	22	21	17	23	21
	Encephalitis, Primary	0	0	0	0	24	22	6	23	12
	Gastrointestinal Illness	3,814	3,443	982	37	45,994	61,797	74,305	64,828	96,828
	Guillain-Barre Syndrome	1	0	1	0	77	66	49	54	52
	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	0	0
	Hemolytic Uremic Syndrome	0	0	0	0	0	0	0	0	0
	Hemolytic Uremic Syndrome (Pre-2019)*	0	0	0	0	9	6	7	6	12
	Hemorrhagic Fever	0	0	0	0	0	0	0	0	0
	Histoplasmosis	5	9	3	4	155	153	104	135	191
	Kawasaki	1	0	2	4	73	56	61	56	56
	Legionellosis	3	2	6	4	195	186	284	236	263
	Leprosy	0	0	0	0	0	1	1	0	1
	Leptospirosis	0	0	0	0	1	0	1	1	0
	Melioidosis+	0	0	0	0	0	0	0	0	1
	Novel Coronavirus~~	0	0	0	0	0	0	0	0	0

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Reported Cases of All Reportable Conditions Michigan Disease Surveillance System

Disease Group	Reportable Condition	Cases Reported In The Last 4 Weeks**				Total Cases Reported In Each Of The Last 5 Years***				
		49-2015	50-2015	51-2015	52-2015	2011	2012	2013	2014	2015
	Plague	0	0	0	0	0	0	0	0	1
	Psittacosis	0	0	0	0	0	0	0	0	0
	Q Fever Acute	0	0	0	0	7	3	1	1	2
	Q Fever Chronic	0	0	0	0	1	0	0	1	2
	Q Fever*	0	0	0	0	0	0	0	0	2
	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	1	1	2	1	2	2
	Rubella - Congenital	0	0	0	0	0	0	0	0	0
	Streptococcal Dis, Inv, Grp A	6	9	3	11	293	228	245	300	329
	Streptococcal Toxic Shock	0	0	0	0	6	9	10	4	11
	Streptococcus pneumoniae, Drug Resistant	1	1	3	4	55	119	119	84	98
	Toxic Shock	0	0	1	1	5	6	8	4	7
	Trachoma	0	0	0	1	1	0	2	4	2
	Trichinosis	0	0	0	0	1	1	0	0	0
	Tularemia	0	0	0	0	0	0	0	2	0
	VISA	0	0	0	0	5	10	15	3	4
	VRSA	0	0	0	0	0	0	0	0	1
	Vibriosis - Non Cholera	0	0	0	0	0	0	0	0	0
	Vibriosis - Non Cholera (Pre-2019)*	0	0	0	0	10	7	11	8	10
Subtotal		3,834	3,476	1,004	71	47,060	62,850	75,520	66,004	98,206
Rabies										
	Rabies Animal	0	1	1	0	65	60	41	41	36
	Rabies: Potential Exposure & PEP	0	0	0	0	0	0	0	0	0
	Rabies: Potential Exposure & PEP(Pre-2019)*	53	65	46	46	3,060	2,802	3,003	3,468	3,818
	Subtotal	53	66	47	46	3,125	2,862	3,044	3,509	3,854
STD										
	Chancroid	0	0	0	0	1	2	1	0	0
	Chlamydia (Genital)	1,047	1,113	802	1,007	49,026	47,690	45,174	45,265	48,108
	Gonorrhea	233	236	182	275	12,778	12,565	10,774	9,730	10,694
	Granuloma Inguinale	0	0	0	0	0	0	0	0	0

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		49-2015	50-2015	51-2015	52-2015	2011	2012	2013	2014	2015
	Lymphogranuloma venereum	0	2	0	1	0	0	0	0	24
	Syphilis - Congenital	0	1	0	0	4	18	9	16	11
	Syphilis - Early Latent	6	2	1	3	130	154	208	249	288
	Syphilis - Late Latent*	7	2	6	1	170	126	154	412	381
	Syphilis - Late with Manifestations*	1	0	1	0	22	14	9	22	25
	Syphilis - Latent of Unknown Duration*	0	1	0	1	143	202	216	79	7
	Syphilis - Primary	2	3	0	1	89	67	150	160	128
	Syphilis - Secondary	7	4	1	2	192	227	346	277	276
	Syphilis - To Be Determined	0	0	0	0	0	0	0	0	0
	Syphilis - Unknown Duration or Late	0	0	0	0	0	0	0	0	0
	Subtotal		1,303	1,364	993	1,291	62,555	61,065	57,041	56,210
Tuberculosis										
	Latent Tuberculosis Infection	0	0	0	0	0	1	3	0	0
	Nontuberculous Mycobacterium	2	0	4	1	32	40	49	35	79
	Tuberculosis	2	3	1	5	170	147	149	112	141
	Subtotal		4	3	5	6	202	188	201	147
VPD										
	Chickenpox (Varicella)	12	21	11	22	1,027	971	715	713	563
	Diphtheria	0	0	0	0	0	0	0	0	0
	H. influenzae Disease - Inv.	3	5	4	5	77	84	102	101	137
	Measles	0	0	0	0	2	1	5	5	1
	Mumps	0	0	2	0	20	24	16	39	20
	Pertussis	8	11	3	6	668	858	1,016	1,363	469
	Polio	0	0	0	0	0	0	0	0	0
	Rubella	0	0	0	0	0	0	0	0	0
	Shingles	18	23	14	20	206	309	404	492	708
	Tetanus	0	0	0	0	4	2	1	0	0
	VZ Infection, Unspecified	3	4	4	4	104	115	97	143	187
Subtotal		44	64	38	57	2,108	2,364	2,356	2,856	2,085
Vectorborne										
	Babesiosis++	0	0	0	0	0	0	3	2	2

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		49-2015	50-2015	51-2015	52-2015	2011	2012	2013	2014	2015
	Chikungunya~	1	1	0	0	0	0	0	1	6
	Dengue Fever	1	0	0	2	6	9	16	6	23
	Ehrlichiosis*	0	0	0	0	0	0	0	0	0
	Ehrlichiosis, Anaplasma phagocytophilum	0	0	0	0	4	7	4	4	7
	Ehrlichiosis, Ehrlichia chaffeensis	0	0	0	0	4	2	1	3	6
	Ehrlichiosis, Ehrlichia ewingii	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	0	1	1	0	0
	Ehrlichosis human, other, unsp*	0	0	0	0	0	0	0	0	0
	Encephalitis, California	0	0	0	0	1	0	0	0	1
	Encephalitis, Eastern Equine	0	0	0	0	0	0	0	1	0
	Encephalitis, Powassan	0	0	0	0	0	0	0	0	0
	Encephalitis, St. Louis	0	0	0	0	0	0	0	0	0
	Encephalitis, Western Equine	0	0	0	0	0	0	0	0	0
	Lyme Disease	0	1	0	0	106	98	169	124	150
	Malaria	0	2	1	1	35	26	23	18	21
	Rickettsial Disease - Spotted Fever	0	0	0	0	4	3	3	1	2
	Rickettsial Disease - Typhus	0	0	0	0	0	0	0	0	0
	West Nile Virus	0	0	0	0	35	205	36	1	19
	Yellow Fever	0	0	0	0	0	0	0	0	0
	Zika~~	0	0	0	1	0	0	0	0	0
	Subtotal	2	4	1	4	195	351	256	161	237
Viral Hepatitis										
	Hepatitis A	1	2	0	1	64	109	91	54	72
	Hepatitis B, Acute	3	0	1	3	96	76	57	50	60
	Hepatitis B, Chronic	16	18	12	20	1,282	1,312	1,114	1,119	1,084
	Hepatitis B, Perinatal	0	0	0	0	1	2	1	2	0
	Hepatitis C, Acute	6	2	2	3	39	79	76	82	91
	Hepatitis C, Chronic	161	135	122	119	7,977	7,933	6,708	8,177	7,846
	Hepatitis C, Perinatal	0	0	0	0	0	0	0	1	1

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		49-2015	50-2015	51-2015	52-2015	2011	2012	2013	2014	2015
	Hepatitis E	0	0	0	0	15	7	3	2	7
	Subtotal	187	157	137	146	9,474	9,518	8,050	9,487	9,161

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Complete HIV/AIDS statistics can be found at: http://www.michigan.gov/mdch/0,1607,7-132-2944_5320_5331---,00.html

* Indicates disease no longer reported into the MDSS on an individual cases basis.

** Data for cases reported in the last 4 weeks is based on the date the case was referred.

*** Data for cases reported in the last 5 years is for the entire year except for the current year which is year to date.

+ Indicates Disease added to MDSS in February 2012

++ Indicates Disease added to MDSS in December 2013

~ Indicates Disease added to MDSS in March 2015

~~ Indicates Disease added to MDSS in April 2016

Table of Diseases by Geographic Location																								
Time Period: Week 52-2015																								
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
Rubella - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Salmonellosis	-	1	-	1	-	10	-	4	-	4	-	-	-	-	-	4	-	6	-	4	-	19	-	4
Shiga toxin-producing Escherichia coli --(STEC)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Shiga toxin-producing Escherichia coli --(STEC Pre-2019)*	-	-	-	-	-	1	-	2	-	-	-	-	-	-	-	2	-	1	-	-	-	5	-	3
Shigellosis	-	-	-	-	-	8	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	2	-	-
Shingles	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	2	-	-	-	1	-	1	-	1
Streptococcal Dis. Inv, Grp A	-	-	-	1	-	3	-	-	-	1	-	-	-	-	-	4	-	2	-	-	-	7	-	1
Streptococcal Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	-
Streptococcus pneumoniae, Drug Resistant	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	6	-	-
Streptococcus pneumoniae, Inv	-	-	-	1	-	12	-	4	-	1	-	1	-	-	-	10	-	4	-	-	-	10	-	1
Syphilis - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Early Latent	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	2	-	-
Syphilis - Late Latent*	-	-	-	-	-	2	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	4	-	-
Syphilis - Latent of Unknown Duration*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Late with Manifestations*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Primary	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	3	-	-
Syphilis - Secondary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	1
Syphilis - To Be Determined	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Unknown Duration or Late	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trachoma	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichinosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	3	-	-
Tularemia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vibriosis - Non Cholera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vibriosis - Non Cholera (Pre-2019)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VISA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
VRSA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
VZ Infection, Unspecified	-	-	-	-	-	3	-	2	-	1	-	3	-	-	-	-	-	7	-	1	-	2	-	-
West Nile Virus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Yellow Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yersinia enteritis	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zika	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	1	87	1	43	13	7,331	0	683	3	329	2	607	0	58	26	8,625	10	4,694	3	333	37	10,316	2	3,484

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Table of Diseases by Geographic Location																								
Time Period: Week 52-2015																								
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
Rubella - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Salmonellosis	2	15	-	3	-	-	-	4	-	8	-	4	-	5	-	-	-	5	2	59	-	4	1	6
Shiga toxin-producing Escherichia coli --(STEC)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Shiga toxin-producing Escherichia coli --(STEC Pre-2019)*	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-
Shigellosis	-	13	-	2	-	-	-	-	-	-	-	-	-	2	-	-	-	-	2	93	-	-	-	6
Shingles	-	-	-	1	-	-	-	1	-	-	-	1	-	2	-	-	-	2	-	37	-	-	-	5
Streptococcal Dis, Inv, Grp A	-	6	1	5	-	1	-	-	-	4	-	-	-	-	-	-	-	-	1	37	-	-	-	-
Streptococcal Toxic Shock	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Drug Resistant	-	3	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	-	-	-	-
Streptococcus pneumoniae, Inv	-	19	-	5	-	2	-	3	-	2	-	4	-	1	-	1	-	-	76	-	2	-	4	
Syphilis - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-
Syphilis - Early Latent	-	1	-	1	-	1	-	1	-	-	-	-	-	1	-	1	-	-	1	86	-	-	-	3
Syphilis - Late Latent*	-	1	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	151	-	-	-	1
Syphilis - Latent of Unknown Duration*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Syphilis - Late with Manifestations*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9	-	-	-	-
Syphilis - Primary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	26	-	-	-	-
Syphilis - Secondary	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	79	-	-	-	-
Syphilis - To Be Determined	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Unknown Duration or Late	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trachoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-
Trichinosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis	1	4	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	23	-	-	-	1
Tularemia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid Fever	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vibriosis - Non Cholera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vibriosis - Non Cholera (Pre-2019)*	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
VISA	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
VRSA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VZ Infection, Unspecified	-	2	-	-	-	1	-	4	-	-	-	2	-	-	1	3	-	2	-	-	-	-	-	4
West Nile Virus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-
Yellow Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yersinia enteritis	-	-	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	1	-	-	-	1
Zika	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	41	13,271	5	2,299	2	975	1	172	3	395	2	2,752	5	6,125	2	433	1	897	372	17,910	1	4,241	16	13,843

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

Table of Diseases by Geographic Location																									
Time Period: Week 52-2015																									
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	
Rubella - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Salmonellosis	-	3	1	33	-	1	-	-	-	16	-	1	-	3	-	4	-	3	-	23	-	7	-	-	1
Shiga toxin-producing Escherichia coli --(STEC)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Shiga toxin-producing Escherichia coli --(STEC Pre-2019)*	-	-	1	4	-	2	-	-	-	2	-	-	-	-	-	-	3	1	2	-	1	-	-	-	-
Shigellosis	-	1	1	20	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	20	-	3	-	-	-
Shingles	-	-	-	11	-	1	-	1	-	2	-	3	-	-	-	-	-	-	-	20	-	2	-	-	-
Streptococcal Dis, Inv, Grp A	-	2	-	8	-	-	-	-	-	4	-	-	-	1	-	-	-	-	-	6	-	2	-	-	1
Streptococcal Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Drug Resistant	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	8	-	-	-	-	-
Streptococcus pneumoniae, Inv	-	4	1	43	-	3	-	-	-	5	-	5	-	4	-	2	1	1	4	19	-	7	-	-	1
Syphilis - Congenital	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Early Latent	-	-	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	5	-	3	-	-	-
Syphilis - Late Latent*	-	-	-	15	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	5	-	-	-	-	-
Syphilis - Latent of Unknown Duration*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Late with Manifestations*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Syphilis - Primary	-	-	1	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	1	-	-	-
Syphilis - Secondary	-	-	-	7	-	-	-	1	-	-	-	1	-	-	-	-	-	1	-	7	-	1	-	-	-
Syphilis - To Be Determined	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Unknown Duration or Late	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trachoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichinosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	1	-	-	-
Tularemia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-
Vibriosis - Non Cholera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vibriosis - Non Cholera (Pre-2019)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VISA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VRSA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VZ Infection, Unspecified	-	10	-	10	-	1	-	-	1	9	-	4	-	2	-	-	-	-	-	2	-	11	-	-	-
West Nile Virus	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yellow Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yersinia enterocolitica	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zika	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	1	3,873	126	17,964	0	571	5	1,228	14	2,819	5	5,764	11	2,980	1	1,932	7	1,896	83	9,089	3	6,002	3	318	

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

Table of Diseases by Geographic Location																								
Time Period: Week 52-2015																								
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
Rubella - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Salmonellosis	-	-	-	8	-	10	-	29	-	-	-	46	-	-	-	-	-	8	1	2	-	10	-	23
Shiga toxin-producing Escherichia coli --(STEC)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Shiga toxin-producing Escherichia coli --(STEC Pre-2019)*	-	-	-	4	-	1	-	5	-	-	-	17	-	-	-	-	-	-	-	-	-	-	-	3
Shigellosis	-	-	-	6	1	2	-	5	-	1	4	66	-	-	-	2	-	1	-	-	-	-	-	-
Shingles	-	-	1	2	-	-	-	4	-	-	2	32	-	-	-	-	-	-	-	-	-	-	1	19
Streptococcal Dis, Inv, Grp A	-	1	-	-	-	8	-	6	-	2	2	35	-	-	-	1	-	4	-	1	-	-	-	4
Streptococcal Toxic Shock	-	-	-	-	-	-	-	2	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Drug Resistant	-	-	-	-	1	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
Streptococcus pneumoniae, Inv	-	1	-	4	-	14	-	22	1	3	1	58	-	1	-	-	-	8	-	3	-	2	-	11
Syphilis - Congenital	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Early Latent	-	-	-	1	-	1	-	3	-	-	-	16	-	-	-	-	-	1	-	-	-	-	-	-
Syphilis - Late Latent*	-	-	-	-	-	4	-	9	-	-	-	20	-	-	-	-	-	-	-	-	-	2	-	1
Syphilis - Latent of Unknown Duration*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Late with Manifestations*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Syphilis - Primary	-	-	-	-	-	2	-	3	-	1	-	11	-	-	-	1	-	-	-	-	-	1	-	1
Syphilis - Secondary	-	-	-	-	-	3	-	4	-	-	-	5	-	-	-	-	-	2	-	-	-	1	-	2
Syphilis - To Be Determined	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Unknown Duration or Late	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxic Shock	-	-	-	-	-	-	-	-	-	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-
Trachoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichinosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis	-	-	-	2	-	-	-	-	-	1	-	18	-	-	-	-	-	-	-	-	-	1	1	2
Tularemia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid Fever	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Vibriosis - Non Cholera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vibriosis - Non Cholera (Pre-2019)*	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VISA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VRSA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VZ Infection, Unspecified	-	-	-	4	-	1	-	15	-	1	-	6	-	-	-	-	2	-	4	-	2	-	-	6
West Nile Virus	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yellow Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yersinia enteritis	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
Zika	-	-	-	-	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-
Total	0	918	19	3,232	46	7,959	51	9,071	3	1,075	116	50,294	0	19	1	294	14	3,476	3	735	5	5,003	16	18,078

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

Table of Diseases by Geographic Location																								
Time Period: Week 52-2015																								
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
Rubella - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Salmonellosis	-	1	-	3	-	82	-	2	1	8	-	4	-	4	-	8	-	7	-	1	-	20	-	6
Shiga toxin-producing Escherichia coli --(STEC)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Shiga toxin-producing Escherichia coli --(STEC Pre-2019)*	-	-	-	-	-	9	-	2	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	2
Shigellosis	-	-	-	-	1	22	-	-	-	-	-	-	-	7	-	-	-	5	-	-	-	2	-	3
Shingles	-	-	-	-	2	83	-	-	-	1	-	-	-	-	-	-	1	18	-	-	-	-	-	3
Streptococcal Dis, Inv, Grp A	-	-	-	-	1	25	-	4	-	2	-	-	-	3	-	-	-	3	-	-	-	7	-	3
Streptococcal Toxic Shock	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Drug Resistant	-	-	-	-	1	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Streptococcus pneumoniae, Inv	-	-	-	-	-	30	-	1	-	7	-	-	-	6	-	3	-	-	-	4	-	10	1	15
Syphilis - Congenital	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Early Latent	-	-	-	-	-	31	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	3	-	-
Syphilis - Late Latent*	-	-	-	-	-	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Latent of Unknown Duration*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Late with Manifestations*	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Primary	-	-	-	-	-	13	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	2	-	-
Syphilis - Secondary	-	-	-	-	-	24	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	3	-	-
Syphilis - To Be Determined	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Unknown Duration or Late	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxic Shock	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Trachoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichinosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis	-	-	-	-	1	17	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	2	-	-
Tularemia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid Fever	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vibriosis - Non Cholera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vibriosis - Non Cholera (Pre-2019)*	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VISA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VRSA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VZ Infection, Unspecified	-	-	-	-	-	-	-	3	-	7	-	-	-	-	-	1	-	-	-	-	-	4	1	4
West Nile Virus	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
Yellow Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yersinia enteritis	-	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Zika	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	0	34	0	177	125	33,799	6	1,146	4	682	2	1,251	4	3,875	5	257	9	3,882	1	1,051	98	7,088	6	13,723

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

Table of Diseases by Geographic Location																								
Time Period: Week 52-2015																								
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
Rubella - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Salmonellosis	-	-	-	14	-	2	3	130	-	6	-	2	-	1	-	2	-	-	-	-	2	20	-	1
Shiga toxin-producing Escherichia coli --(STEC)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Shiga toxin-producing Escherichia coli --(STEC Pre-2019)*	-	-	-	4	-	1	1	17	-	-	-	1	-	-	-	-	-	-	-	-	-	9	-	-
Shigellosis	-	-	1	23	-	3	5	99	-	-	-	-	-	-	23	-	-	-	-	-	-	19	-	-
Shingles	-	-	2	14	-	2	8	254	-	1	-	-	-	-	-	-	-	-	-	-	1	25	-	-
Streptococcal Dis, Inv, Grp A	-	-	-	4	-	4	1	29	-	-	-	-	-	-	1	-	-	-	-	-	2	15	-	1
Streptococcal Toxic Shock	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Drug Resistant	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Inv	-	2	-	8	-	6	2	60	-	2	-	2	-	2	-	2	-	-	-	-	1	12	-	2
Syphilis - Congenital	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Early Latent	-	-	-	3	-	1	-	42	-	-	-	-	-	-	-	-	-	-	-	-	1	2	-	-
Syphilis - Late Latent*	-	-	-	6	-	1	-	41	-	1	-	-	-	-	-	-	-	-	-	-	-	4	-	-
Syphilis - Latent of Unknown Duration*	-	-	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Late with Manifestations*	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Primary	-	-	-	-	-	-	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
Syphilis - Secondary	-	-	-	1	-	-	-	55	-	-	-	-	-	-	-	1	-	-	-	-	-	2	-	-
Syphilis - To Be Determined	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Unknown Duration or Late	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
Trachoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichinosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis	-	-	-	-	-	-	-	18	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
Tularemia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid Fever	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vibriosis - Non Cholera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vibriosis - Non Cholera (Pre-2019)*	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VISA	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VRSA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VZ Infection, Unspecified	-	1	-	-	-	2	-	1	-	-	-	2	-	-	-	2	-	1	-	-	-	-	-	-
West Nile Virus	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Yellow Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yersinia enteritis	-	-	-	2	-	-	-	3	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	1
Zika	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	1	34	54	2,609	3	3,328	1,105	33,490	4	1,606	2	339	0	151	3	724	1	102	3	0	37	49,016	0	44

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

Table of Diseases by Geographic Location																								
Time Period: Week 52-2015																								
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
Rubella - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Salmonellosis	-	1	1	16	-	5	-	1	-	5	1	12	-	9	-	5	1	5	1	41	1	136	-	4
Shiga toxin-producing Escherichia coli --(STEC)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Shiga toxin-producing Escherichia coli --(STEC Pre-2019)*	-	-	-	3	-	1	-	-	-	2	-	1	-	1	-	3	-	1	-	11	-	16	-	1
Shigellosis	-	-	1	6	-	-	-	-	-	3	-	-	-	3	-	-	-	4	1	4	-	36	-	1
Shingles	1	4	-	10	-	-	-	-	-	-	9	-	-	-	-	-	4	1	45	-	81	-	-	
Streptococcal Dis, Inv, Grp A	-	1	1	4	-	-	-	-	-	1	-	6	-	2	-	1	-	1	-	11	2	39	-	3
Streptococcal Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Drug Resistant	-	-	-	-	-	1	-	-	-	-	4	-	1	-	-	-	-	-	9	-	10	-	-	
Streptococcus pneumoniae, Inv	-	3	2	24	-	2	-	-	-	3	-	4	-	4	-	10	-	3	2	9	2	56	-	5
Syphilis - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
Syphilis - Early Latent	-	1	-	1	-	-	-	-	-	-	2	-	1	-	-	-	-	-	10	-	47	-	-	
Syphilis - Late Latent*	-	-	-	2	-	-	-	-	-	-	3	-	-	-	-	-	1	-	12	-	49	-	-	
Syphilis - Latent of Unknown Duration*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Late with Manifestations*	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5	-	5	-	-	
Syphilis - Primary	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	20	-	1	
Syphilis - Secondary	-	-	-	-	-	-	-	-	-	1	-	2	-	-	-	-	-	-	16	1	42	-	-	
Syphilis - To Be Determined	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Unknown Duration or Late	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxic Shock	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Trachoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichinosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis	-	-	-	3	-	-	-	-	-	1	-	-	-	1	-	-	-	1	-	6	-	27	-	-
Tularemia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
Vibriosis - Non Cholera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vibriosis - Non Cholera (Pre-2019)*	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	2	-	1	-	-	
VISA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VRSA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VZ Infection, Unspecified	-	7	-	-	-	2	-	-	-	2	-	-	-	-	1	-	2	1	6	-	10	-	-	
West Nile Virus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	1
Yellow Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yersinia enteritis	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Zika	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	3	722	55	12,125	3	221	0	98	4	1,200	9	7,245	4	4,540	1	975	12	3,374	81	11,627	162	22,380	4	2,064

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: 01/02/2014 - 01/02/2016

Time Breakdown: by Week

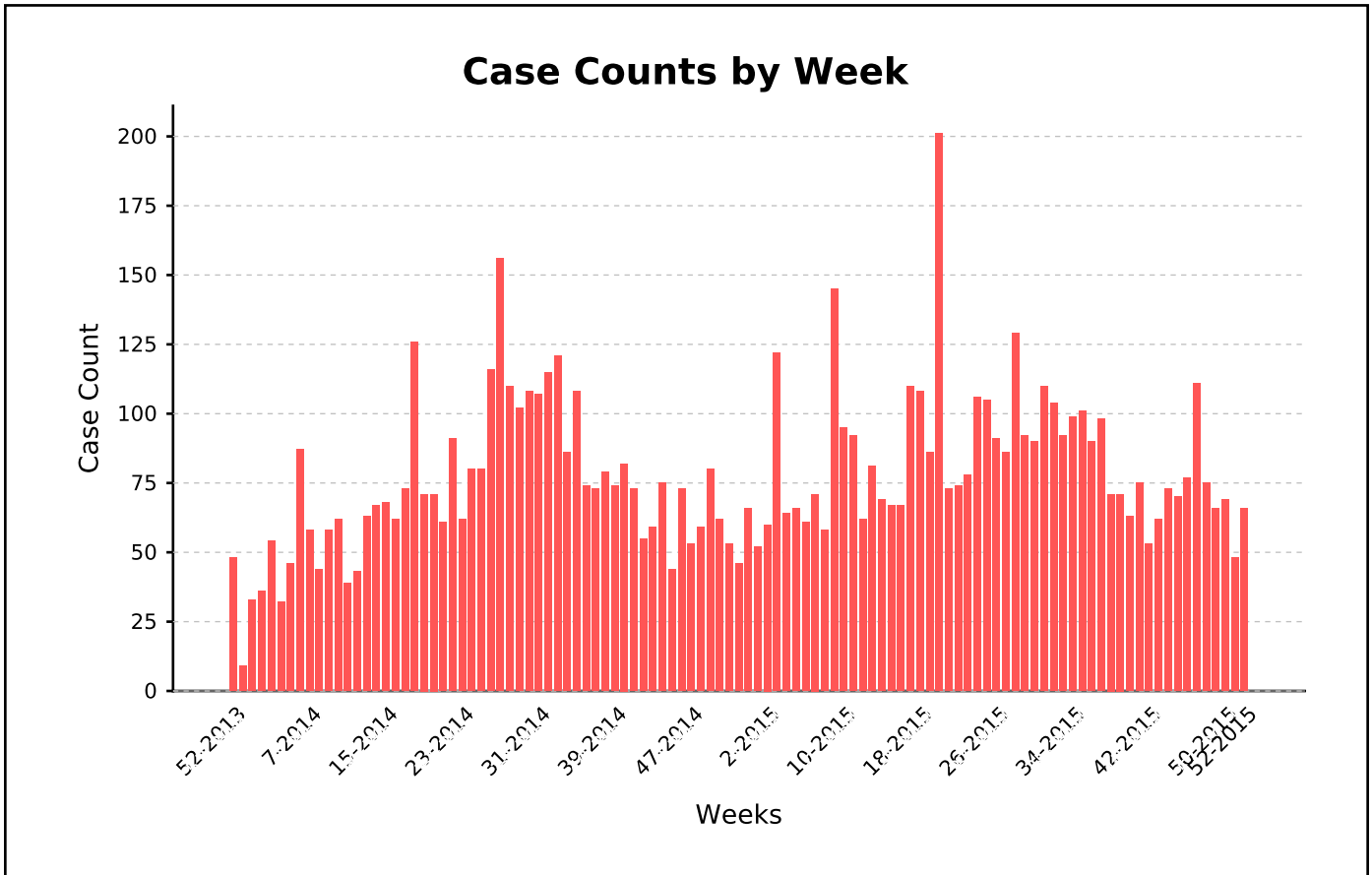
Geographic Area: The State of Michigan

Disease Group: Foodborne

Case Status: Confirmed, Probable, Suspect

Case Types: Individual and Aggregate

Investigation Status: Completed, Completed - Follow Up



Week	Total
52-2013	48
53-2013	9
1-2014	33
2-2014	36
3-2014	54
4-2014	32
5-2014	46
6-2014	87
7-2014	58
8-2014	44
9-2014	58
10-2014	62
11-2014	39
12-2014	43
13-2014	63

Week	Total
14-2014	67
15-2014	68
16-2014	62
17-2014	73
18-2014	126
19-2014	71
20-2014	71
21-2014	61
22-2014	91
23-2014	62
24-2014	80
25-2014	80
26-2014	116
27-2014	156
28-2014	110

Week	Total
29-2014	102
30-2014	108
31-2014	107
32-2014	115
33-2014	121
34-2014	86
35-2014	108
36-2014	74
37-2014	73
38-2014	79
39-2014	74
40-2014	82
41-2014	73
42-2014	55
43-2014	59

Week	Total
44-2014	75
45-2014	44
46-2014	73
47-2014	53
48-2014	59
49-2014	80
50-2014	62
51-2014	53
52-2014	46
53-2014	66
1-2015	52
2-2015	60
3-2015	122
4-2015	64
5-2015	66

Week	Total
6-2015	61
7-2015	71
8-2015	58
9-2015	145
10-2015	95
11-2015	92
12-2015	62
13-2015	81
14-2015	69
15-2015	67
16-2015	67
17-2015	110
18-2015	108
19-2015	86
20-2015	201

Week	Total
21-2015	73
22-2015	74
23-2015	78
24-2015	106
25-2015	105
26-2015	91
27-2015	86
28-2015	129
29-2015	92
30-2015	90
31-2015	110
32-2015	104
33-2015	92
34-2015	99
35-2015	101
36-2015	90
37-2015	98
38-2015	71
39-2015	71
40-2015	63
41-2015	75
42-2015	53
43-2015	62
44-2015	73
45-2015	70
46-2015	77
47-2015	111
48-2015	75
49-2015	66
50-2015	69
51-2015	48
52-2015	66

Report 8: Epi-Curve Graph

Time Period: 01/02/2014 - 01/02/2016

Time Breakdown: by Week

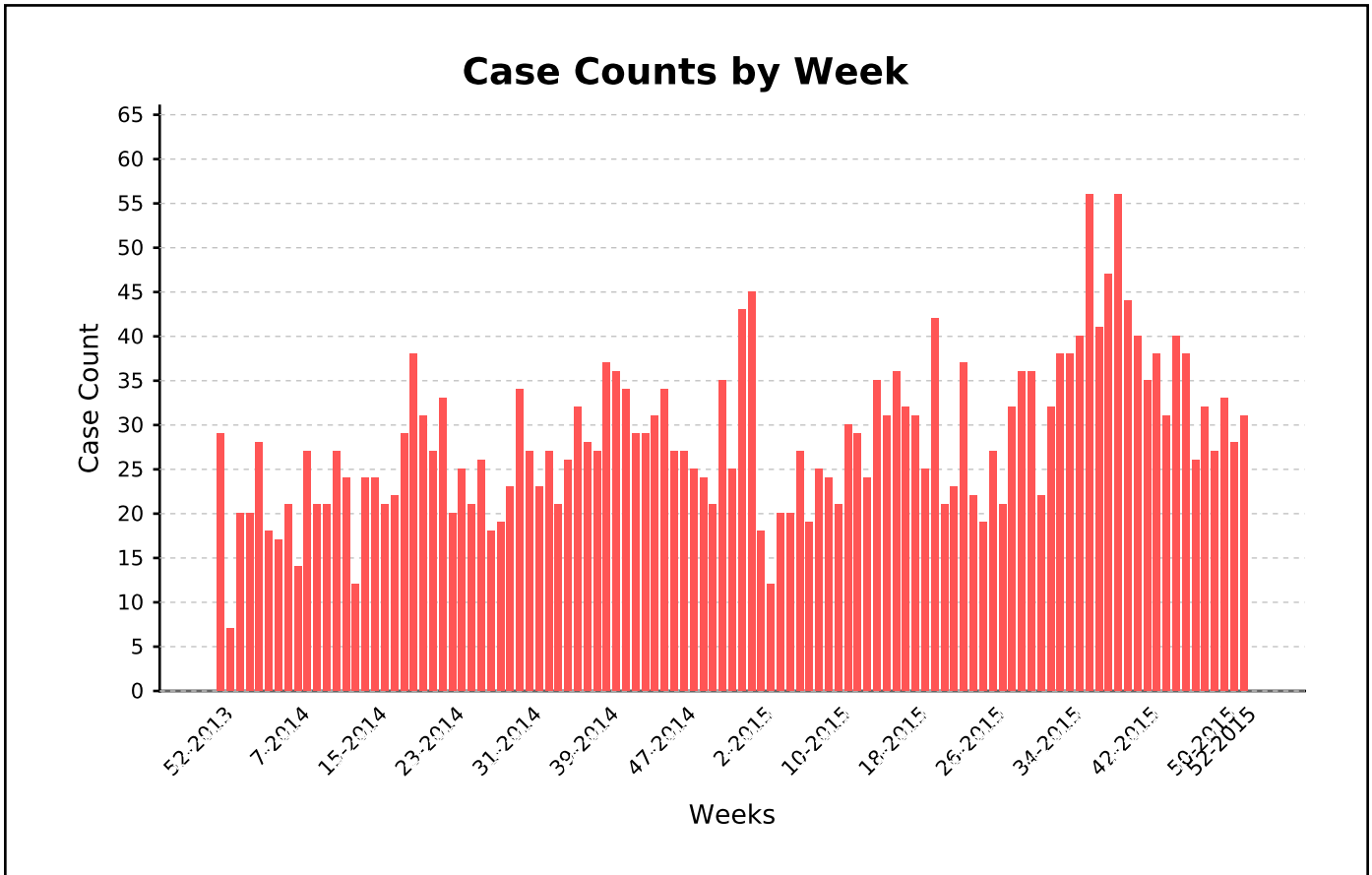
Geographic Area: The State of Michigan

Disease Group: Meningitis

Case Status: Confirmed, Probable, Suspect

Case Types: Individual and Aggregate

Investigation Status: Completed, Completed - Follow Up



Week	Total	Week	Total	Week	Total	Week	Total	Week	Total
52-2013	29	14-2014	24	29-2014	23	44-2014	31	6-2015	27
53-2013	7	15-2014	24	30-2014	34	45-2014	34	7-2015	19
1-2014	20	16-2014	21	31-2014	27	46-2014	27	8-2015	25
2-2014	20	17-2014	22	32-2014	23	47-2014	27	9-2015	24
3-2014	28	18-2014	29	33-2014	27	48-2014	25	10-2015	21
4-2014	18	19-2014	38	34-2014	21	49-2014	24	11-2015	30
5-2014	17	20-2014	31	35-2014	26	50-2014	21	12-2015	29
6-2014	21	21-2014	27	36-2014	32	51-2014	35	13-2015	24
7-2014	14	22-2014	33	37-2014	28	52-2014	25	14-2015	35
8-2014	27	23-2014	20	38-2014	27	53-2014	43	15-2015	31
9-2014	21	24-2014	25	39-2014	37	1-2015	45	16-2015	36
10-2014	21	25-2014	21	40-2014	36	2-2015	18	17-2015	32
11-2014	27	26-2014	26	41-2014	34	3-2015	12	18-2015	31
12-2014	24	27-2014	18	42-2014	29	4-2015	20	19-2015	25
13-2014	12	28-2014	19	43-2014	29	5-2015	20	20-2015	42

Week	Total
21-2015	21
22-2015	23
23-2015	37
24-2015	22
25-2015	19
26-2015	27
27-2015	21
28-2015	32
29-2015	36
30-2015	36
31-2015	22
32-2015	32
33-2015	38
34-2015	38
35-2015	40
36-2015	56
37-2015	41
38-2015	47
39-2015	56
40-2015	44
41-2015	40
42-2015	35
43-2015	38
44-2015	31
45-2015	40
46-2015	38
47-2015	26
48-2015	32
49-2015	27
50-2015	33
51-2015	28
52-2015	31