



Weekly Disease Report For The Week Ending December 28th, 2013 (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.

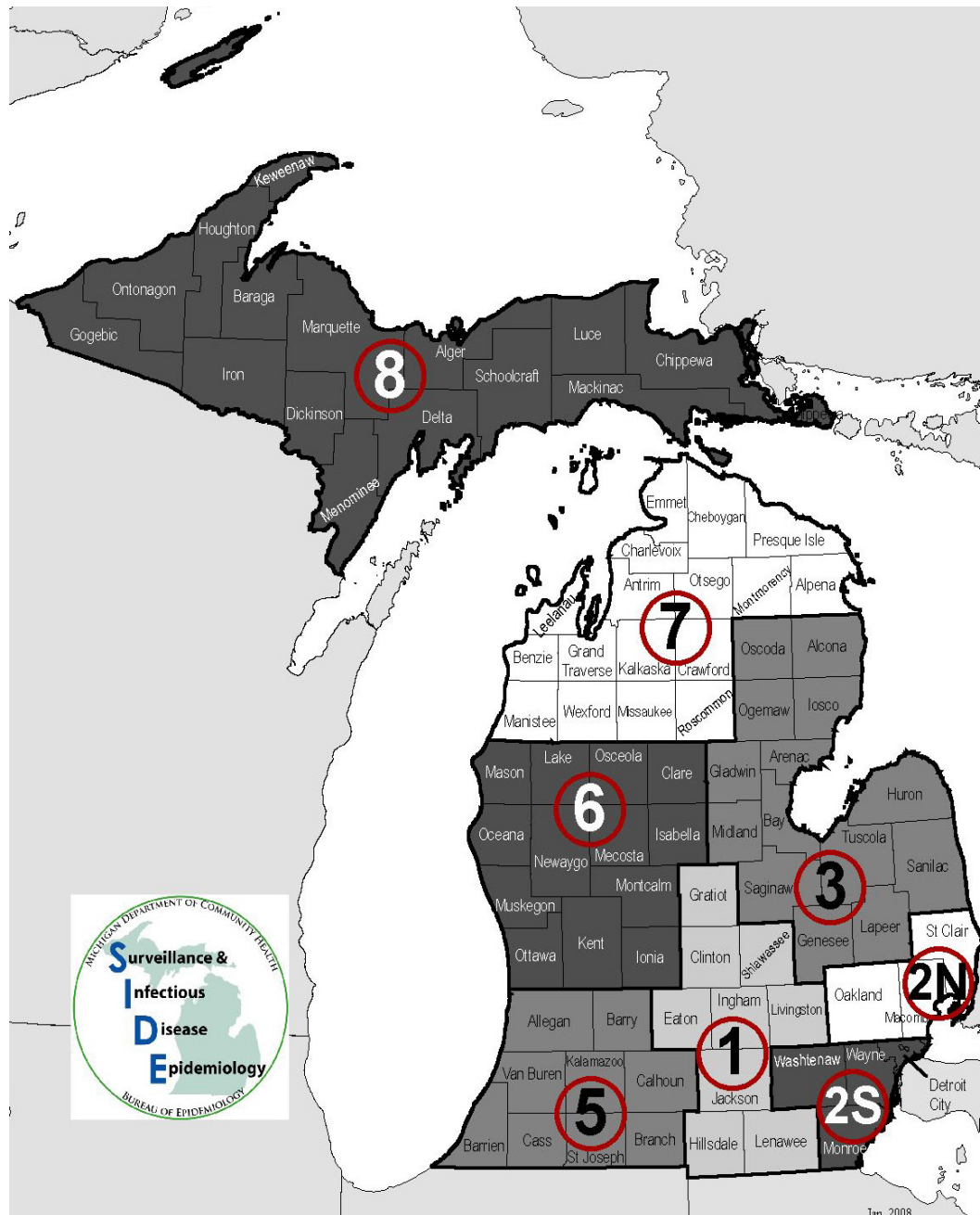
The data in the Weekly Disease Report are provisional, based on current reports to MDHHS by local health departments. The MDSS is a dynamic, continually active system: counts of disease are constantly changing as cases are investigated, confirmed as cases, or ruled out as not meeting the case definition. 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***				
		49-2013	50-2013	51-2013	52-2013	2009	2010	2011	2012	2013
Foodborne	Amebiasis	0	0	0	1	27	29	17	17	35
	Botulism - Foodborne	0	0	0	0	0	2	0	2	0
	Campylobacter	24	17	11	20	932	1,302	1,256	1,212	1,285
	Cryptosporidiosis	2	3	2	2	290	316	360	353	267
	Giardiasis	7	9	7	10	672	691	553	541	548
	Listeriosis	0	0	0	0	0	0	0	0	0
	Listeriosis (2014-2017)*	0	0	0	0	0	0	0	0	1
	Norovirus	2	2	84	0	16	127	218	214	327
	Paratyphoid Fever	0	0	0	0	0	0	0	0	0
	Salmonellosis	15	9	9	8	945	938	856	1,003	1,013
	Shiga toxin-producing Escherichia coli --	4	4	4	2	2	157	190	301	213
	Shiga toxin-producing Escherichia coli --	0	0	0	0	0	0	0	0	0
	Shigellosis	5	0	1	4	209	263	193	249	175
	Typhoid Fever	1	0	0	1	11	6	6	9	5
	Yersinia enterocolitica	1	0	1	0	22	16	26	17	24
Subtotal		61	44	119	48	3,126	3,847	3,675	3,918	3,893
Influenza	Flu Like Disease*	9,041	12,549	9,817	4,414	702,515	382,000	409,457	389,482	378,114
	Influenza	114	145	236	304	5,628	209	3,344	3,058	6,060
	Influenza, Novel	0	0	0	0	1,514	1	0	12	24
	Subtotal	9,155	12,694	10,053	4,718	709,657	382,210	412,801	392,552	384,198
Meningitis	Meningitis - Aseptic	23	15	10	9	825	910	909	906	958
	Meningitis - Bacterial Other	5	0	3	1	334	146	112	136	116
	Meningococcal Disease	0	0	0	0	22	22	12	15	5
	Streptococcus pneumoniae, Inv	10	19	15	19	652	697	677	556	617
	Subtotal	38	34	28	29	1,833	1,775	1,710	1,613	1,696
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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Disease Group	Reportable Condition	Cases Reported In The Last 4 Weeks**				Total Cases Reported In Each Of The Last 5 Years***				
		49-2013	50-2013	51-2013	52-2013	2009	2010	2011	2012	2013
	Blastomycosis	0	0	1	1	17	12	13	13	22
	Botulism - Infant	0	0	0	0	0	0	0	2	0
	Botulism - Other	0	0	0	0	1	0	0	0	0
	Brucellosis	0	0	0	0	10	4	1	1	0
	CP-CRE	2	1	3	3	0	0	0	50	175
	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	1
	Coccidioidomycosis	1	0	0	1	26	24	37	35	18
	Creutzfeldt-Jakob Disease	0	2	0	0	17	17	17	14	17
	Cryptococcosis	1	0	0	0	55	50	48	41	35
	Cyclosporiasis	1	0	0	0	3	6	7	0	4
	Encephalitis, Post Chickenpox	0	0	0	0	1	0	2	1	1
	Encephalitis, Post Mumps	0	0	0	0	0	0	0	0	0
	Encephalitis, Post Other	1	0	0	0	12	11	23	21	17
	Encephalitis, Primary	0	0	0	0	10	20	24	22	6
	Gastrointestinal Illness	2,441	3,007	2,282	105	5,098	27,865	45,994	61,797	74,301
	Guillain-Barre Syndrome	0	1	0	2	73	59	77	66	49
	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	1	0	0	8	13	9	6	7
	Hemorrhagic Fever	0	0	0	0	0	0	0	0	0
	Histoplasmosis	1	0	1	1	60	91	155	153	104
	Kawasaki	0	0	1	3	73	77	74	56	61
	Legionellosis	4	4	1	2	178	198	196	186	284
	Leprosy	0	0	0	0	1	0	0	1	1
	Leptospirosis	0	1	0	0	0	0	1	0	1
	Melioidosis+	0	0	0	0	0	0	0	0	0
	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***				
		49-2013	50-2013	51-2013	52-2013	2009	2010	2011	2012	2013
	Plague	0	0	0	0	0	0	0	0	0
	Psittacosis	0	0	0	0	0	1	0	0	0
	Q Fever Acute	0	0	0	0	1	4	7	3	1
	Q Fever Chronic	0	0	0	0	0	3	1	0	0
	Q Fever*	0	0	0	0	0	0	0	0	0
	Rabies Human	0	0	0	0	1	0	0	0	0
	Reye Syndrome	0	0	0	0	0	0	0	0	0
	Rheumatic Fever	0	0	0	0	2	6	1	2	1
	Rubella - Congenital	0	0	0	0	0	0	0	0	0
	Streptococcal Dis, Inv, Grp A	7	8	4	5	157	180	294	228	245
	Streptococcal Toxic Shock	0	0	0	0	0	2	6	9	10
	Streptococcus pneumoniae, Drug Resistant	3	1	2	4	26	52	55	119	119
	Toxic Shock	0	0	0	0	6	10	5	6	8
	Trachoma	0	0	0	0	1	3	1	0	2
	Trichinosis	0	0	0	0	1	0	1	1	0
	Tularemia	0	0	0	0	0	0	0	0	0
	VISA	0	0	0	1	5	4	5	10	15
	VRSA	0	0	0	0	1	0	0	0	0
	Vibriosis - Non Cholera	0	0	0	0	0	0	0	0	0
	Vibriosis - Non Cholera (Pre-2019)*	1	0	0	0	2	9	10	7	11
	Subtotal	2,463	3,026	2,295	128	5,847	28,721	47,065	62,850	75,516
Rabies										
	Rabies Animal	0	1	0	1	66	72	65	60	41
	Rabies: Potential Exposure & PEP	0	0	0	0	0	0	0	0	0
	Rabies: Potential Exposure & PEP(Pre-2019)*	36	39	30	36	2,120	2,390	3,062	2,802	3,003
	Subtotal	36	40	30	37	2,186	2,462	3,127	2,862	3,044
STD										
	Chancroid	0	0	0	0	0	0	1	2	1
	Chlamydia (Genital)	800	1,035	896	542	46,351	47,803	49,049	47,690	45,174
	Gonorrhea	180	277	198	149	14,509	13,119	12,784	12,565	10,773
	Granuloma Inguinale	0	0	0	0	1	0	0	0	0

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		49-2013	50-2013	51-2013	52-2013	2009	2010	2011	2012	2013
	Lymphogranuloma venereum	0	0	0	0	0	0	0	0	0
	Syphilis - Congenital	0	0	1	0	11	4	4	18	9
	Syphilis - Early Latent	7	3	5	2	231	127	130	154	208
	Syphilis - Late Latent*	7	1	3	4	110	152	170	126	154
	Syphilis - Late with Manifestations*	0	0	0	1	35	14	22	14	9
	Syphilis - Latent of Unknown Duration*	4	4	7	2	606	242	143	202	216
	Syphilis - Primary	2	4	7	3	84	61	89	67	150
	Syphilis - Secondary	6	14	8	4	203	198	192	227	346
	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	1,006	1,338	1,125	707	62,141	61,720	62,584	61,065	57,040
Tuberculosis										
	Latent Tuberculosis Infection	1	0	0	0	1	0	0	1	2
	Nontuberculous Mycobacterium	0	0	1	0	6	10	32	40	49
	Tuberculosis	4	3	2	0	148	179	174	147	149
	Subtotal	5	3	3	0	155	189	206	188	200
VPD										
	Chickenpox (Varicella)	27	21	16	11	1,876	1,439	1,031	971	715
	Diphtheria	0	0	0	0	0	0	0	0	0
	H. influenzae Disease - Inv.	2	2	4	5	24	36	78	84	102
	Measles	0	0	0	0	0	0	2	1	5
	Mumps	1	1	2	1	22	48	20	24	16
	Pertussis	31	37	30	28	894	1,577	670	858	1,016
	Polio	0	0	0	0	0	0	0	0	0
	Rubella	0	0	0	0	0	0	0	0	0
	Shingles	6	2	9	8	138	194	206	309	404
	Tetanus	0	0	0	0	0	2	4	2	1
	VZ Infection, Unspecified	3	1	2	5	65	119	105	115	97
	Subtotal	70	64	63	58	3,019	3,415	2,116	2,364	2,356
Vectorborne										
	Babesiosis++	0	0	0	0	0	0	0	0	3

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		49-2013	50-2013	51-2013	52-2013	2009	2010	2011	2012	2013
	Chikungunya~	0	0	0	0	0	0	0	0	0
	Dengue Fever	0	0	0	0	6	9	6	9	16
	Ehrlichiosis*	0	0	0	0	0	0	0	0	0
	Ehrlichiosis, Anaplasma phagocytophilum	0	0	0	0	0	5	4	7	4
	Ehrlichiosis, Ehrlichia chaffeensis	0	0	0	0	6	2	4	2	1
	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	0	0	1	1
	Ehrlichosis human, other, unsp*	0	0	0	0	0	0	0	0	0
	Encephalitis, California	0	0	0	0	0	2	1	0	0
	Encephalitis, Eastern Equine	0	0	0	0	0	3	0	0	0
	Encephalitis, Powassan	0	0	0	0	0	0	0	0	0
	Encephalitis, St. Louis	0	0	0	0	0	2	0	0	0
	Encephalitis, Western Equine	0	0	0	0	0	0	0	0	0
	Lyme Disease	1	0	0	0	103	99	106	98	169
	Malaria	0	1	1	0	31	34	35	26	23
	Rickettsial Disease - Spotted Fever	0	0	0	0	5	2	4	3	3
	Rickettsial Disease - Typhus	0	0	0	0	0	1	0	0	0
	West Nile Virus	0	0	0	0	1	29	35	205	36
	Yellow Fever	0	0	0	0	0	0	0	0	0
	Zika~~	0	0	0	0	0	0	0	0	0
	Subtotal	1	1	1	0	152	188	195	351	256
Viral Hepatitis										
	Hepatitis A	1	0	1	1	91	83	64	109	91
	Hepatitis B, Acute	1	2	2	1	168	131	96	76	57
	Hepatitis B, Chronic	22	25	28	20	1,758	1,513	1,282	1,312	1,113
	Hepatitis B, Perinatal	0	0	0	0	0	0	1	2	1
	Hepatitis C, Acute	0	1	0	0	41	57	39	79	76
	Hepatitis C, Chronic	94	143	115	50	7,632	7,174	7,987	7,933	6,707
	Hepatitis C, Perinatal	0	0	0	0	0	0	0	0	0

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		49-2013	50-2013	51-2013	52-2013	2009	2010	2011	2012	2013
	Hepatitis E	0	0	0	0	8	8	15	7	3
	Subtotal	118	171	146	72	9,698	8,966	9,484	9,518	8,048

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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 52-2013																								
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	-	2	-	4	-	7	-	4	-	3	-	4	-	-	-	10	-	8	-	-	-	13	-	4
Shiga toxin-producing Escherichia coli --(STEC)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Shiga toxin-producing Escherichia coli --(STEC Pre-2019)*	-	-	-	-	-	5	-	2	-	-	-	-	-	-	1	-	1	-	-	-	-	1	-	-
Shigellosis	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	1
Shingles	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	5	-	-	-	-	-	-	-
Streptococcal Dis, Inv, Grp A	-	-	-	-	-	2	-	-	-	-	-	-	-	-	3	-	5	-	-	-	-	4	-	-
Streptococcal Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Drug Resistant	-	-	-	-	-	1	-	-	-	-	-	-	1	-	2	-	2	-	-	-	-	13	-	-
Streptococcus pneumoniae, Inv	-	1	-	-	-	11	-	4	-	4	-	1	-	-	10	1	8	-	3	-	12	-	4	
Syphilis - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Syphilis - Early Latent	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	3	-	-
Syphilis - Late Latent*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Syphilis - Latent of Unknown Duration*	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1
Syphilis - Late with Manifestations*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Primary	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	1	-	1
Syphilis - Secondary	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	2	-	-
Syphilis - To Be Determined	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Unknown Duration or Late	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trachoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichinosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
Tularemia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid Fever	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vibriosis - Non Cholera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vibriosis - Non Cholera (Pre-2019)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
VISA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1
VRSA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VZ Infection, Unspecified	-	-	-	-	-	-	2	-	3	-	-	-	-	-	3	-	2	-	3	-	-	-	-	-
West Nile Virus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yellow Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yersinia enteritis	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-	-	-	-	-	-
Zika	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	0	29	0	55	35	9,161	2	1,434	0	777	0	381	0	78	25	5,988	13	3,803	4	1,004	69	11,980	1	4,060

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Table of Diseases by Geographic Location																								
Time Period: Week 52-2013																								
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	-	12	-	10	-	1	-	2	1	7	-	1	-	5	-	2	-	5	2	50	-	3	-	13
Shiga toxin-producing Escherichia coli --(STEC)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Shiga toxin-producing Escherichia coli --(STEC Pre-2019)*	-	6	-	3	-	1	-	-	-	-	-	2	-	2	-	-	-	-	-	-	3	-	4	-
Shigellosis	-	9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	-	-	-	-	-
Shingles	-	-	-	-	-	-	2	-	-	-	1	-	3	-	-	-	-	1	17	-	-	-	1	-
Streptococcal Dis, Inv, Grp A	-	4	-	2	-	-	-	-	-	1	-	-	1	-	-	-	-	-	32	-	-	-	5	-
Streptococcal Toxic Shock	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Drug Resistant	-	5	-	3	-	-	-	-	-	1	1	1	-	1	-	-	-	1	10	-	1	-	3	-
Streptococcus pneumoniae, Inv	1	16	-	5	-	2	-	4	-	-	-	1	-	6	-	-	-	3	67	-	1	-	9	-
Syphilis - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-
Syphilis - Early Latent	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	77	-	-	-	-	-
Syphilis - Late Latent*	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	43	-	-	-	-	-
Syphilis - Latent of Unknown Duration*	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	102	-	-	-	-	-
Syphilis - Late with Manifestations*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-	-	1	-
Syphilis - Primary	-	2	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	44	-	-	-	-	-
Syphilis - Secondary	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	152	-	-	-	2	-
Syphilis - To Be Determined	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Unknown Duration or Late	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trachoma	-	1	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichinosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	40	-	-	-	1	-
Tularemia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vibriosis - Non Cholera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vibriosis - Non Cholera (Pre-2019)*	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VISA	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-
VRSA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VZ Infection, Unspecified	-	2	-	-	-	-	1	4	-	-	-	-	1	-	1	-	1	-	2	-	-	1	5	-
West Nile Virus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	7	-	-	-	-	-
Yellow Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yersinia enteritis	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	2	-	-	-	-	-
Zika	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	38	14,443	5	3,065	0	1,828	5	617	8	556	3	1,379	8	7,500	0	435	1	1,090	257	19,823	0	3,928	12	10,360

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 52-2013																								
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
Rubella - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Salmonellosis	-	2	-	26	-	3	-	1	-	12	-	5	-	9	-	9	-	1	3	30	-	4	-	-
Shiga toxin-producing Escherichia coli --(STEC)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Shiga toxin-producing Escherichia coli --(STEC Pre-2019)*	-	2	-	8	-	2	-	-	-	-	3	-	1	-	1	-	2	-	3	-	2	-	1	
Shigellosis	-	1	-	4	-	-	-	-	-	-	-	-	-	-	-	-	1	-	1	-	-	-	-	
Shingles	-	-	-	9	-	1	-	-	-	4	-	1	-	-	-	-	1	-	12	-	-	-	-	
Streptococcal Dis. Inv, Grp A	-	-	-	11	-	-	-	-	-	-	2	-	-	-	-	-	-	-	4	-	2	-	2	
Streptococcal Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Streptococcus pneumoniae, Drug Resistant	-	-	-	7	-	1	-	-	-	-	3	-	1	-	-	-	3	-	3	-	-	-	-	
Streptococcus pneumoniae, Inv	-	2	3	30	-	2	-	-	1	5	-	1	-	-	1	-	-	1	16	-	8	-	1	
Syphilis - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Syphilis - Early Latent	-	-	-	7	-	2	-	-	-	1	-	-	-	-	-	-	-	-	5	-	-	-	-	
Syphilis - Late Latent*	-	-	-	12	-	-	-	-	-	-	1	-	-	-	-	-	-	-	12	-	-	-	-	
Syphilis - Latent of Unknown Duration*	-	1	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	
Syphilis - Late with Manifestations*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	
Syphilis - Primary	-	-	-	3	-	1	-	-	-	2	-	-	-	-	-	-	-	-	3	-	-	-	-	
Syphilis - Secondary	-	-	-	11	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	-	-	-	-	
Syphilis - To Be Determined	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Syphilis - Unknown Duration or Late	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Toxic Shock	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
Trachoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Trichinosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Tuberculosis	-	-	-	3	-	-	-	-	-	-	-	-	-	-	1	-	-	-	7	-	-	-	-	
Tularemia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Typhoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Vibriosis - Non Cholera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Vibriosis - Non Cholera (Pre-2019)*	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VISA	-	-	1	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	
VRSA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VZ Infection, Unspecified	-	7	-	5	-	3	-	-	-	-	2	-	-	-	-	-	1	-	1	-	4	-	-	
West Nile Virus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Yellow Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Yersinia enteritis	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	
Zika	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total	4	3,521	3,598	47,931	8	748	0	738	14	3,739	1	6,272	10	2,922	1	2,028	9	1,069	66	6,536	3	1,172	1	222

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 52-2013																								
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	-	1	-	8	-	23	-	29	-	2	-	67	-	1	-	1	-	8	-	3	-	5	-	20
Shiga toxin-producing Escherichia coli --(STEC)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Shiga toxin-producing Escherichia coli --(STEC Pre-2019)*	-	-	-	8	-	3	-	3	-	-	1	15	-	-	-	-	2	-	1	-	1	1	1	8
Shigellosis	-	-	-	-	-	43	-	3	-	-	-	6	-	-	-	-	-	-	-	-	1	-	2	
Shingles	-	-	-	-	-	-	1	-	2	-	3	-	-	-	-	-	1	-	-	-	-	-	8	
Streptococcal Dis, Inv, Grp A	-	-	-	2	-	3	-	7	-	-	1	25	-	-	-	-	3	-	-	-	1	-	3	
Streptococcal Toxic Shock	-	-	-	-	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	
Streptococcus pneumoniae, Drug Resistant	-	-	-	1	1	5	-	3	-	-	2	-	-	-	-	-	1	-	-	-	7	-	1	
Streptococcus pneumoniae, Inv	-	-	-	2	-	9	1	11	-	4	3	46	-	-	-	1	-	4	-	2	-	4	14	
Syphilis - Congenital	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	
Syphilis - Early Latent	-	-	-	-	-	3	-	7	-	-	7	-	-	-	-	-	-	-	-	-	-	-	-	
Syphilis - Late Latent*	-	-	-	-	-	2	-	-	-	-	1	7	-	-	-	-	-	-	-	-	-	-	1	
Syphilis - Latent of Unknown Duration*	-	-	-	2	-	2	1	5	-	-	-	13	-	-	-	-	2	-	-	-	-	-	-	
Syphilis - Late with Manifestations*	-	-	-	-	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Syphilis - Primary	-	-	-	-	-	1	-	4	-	-	2	-	-	-	-	1	-	-	-	-	-	-	-	
Syphilis - Secondary	-	-	-	-	-	2	-	2	-	-	1	8	-	-	-	-	-	-	-	-	1	-	2	
Syphilis - To Be Determined	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Syphilis - Unknown Duration or Late	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Trachoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Trichinosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Tuberculosis	-	-	-	-	-	-	2	-	-	-	7	-	-	-	-	-	-	1	-	-	-	-	-	
Tularemia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Typhoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Vibriosis - Non Cholera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Vibriosis - Non Cholera (Pre-2019)*	-	-	-	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	
VISA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VRSA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
VZ Infection, Unspecified	-	-	-	2	-	-	3	-	1	3	8	-	-	-	-	2	-	3	-	-	-	-	1	
West Nile Virus	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	
Yellow Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Yersinia enteritis	-	-	-	-	-	-	1	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	1	
Zika	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total	1	1,681	59	3,621	14	4,065	64	10,591	0	736	128	56,254	0	16	5	460	15	4,127	0	1,937	15	5,244	18	20,249

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 52-2013																								
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	-	-	-	-	-	76	-	4	-	10	-	3	-	2	-	2	-	13	-	5	-	17	-	7
Shiga toxin-producing Escherichia coli --(STEC)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Shiga toxin-producing Escherichia coli --(STEC Pre-2019)*	-	2	-	1	-	8	-	3	-	3	-	-	-	3	-	1	-	1	-	-	-	8	-	-
Shigellosis	-	-	-	1	-	5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
Shingles	-	-	-	-	1	33	-	2	-	-	-	-	-	-	-	-	1	22	-	-	-	6	-	-
Streptococcal Dis, Inv, Grp A	-	-	-	-	-	18	-	-	-	1	-	-	-	-	-	-	-	2	-	-	-	4	-	-
Streptococcal Toxic Shock	-	-	-	-	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Drug Resistant	-	-	-	-	1	13	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Inv	-	-	-	-	1	45	-	1	-	4	-	1	-	-	-	2	-	3	-	1	-	9	-	7
Syphilis - Congenital	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Early Latent	-	-	-	-	-	21	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Syphilis - Late Latent*	-	-	-	-	-	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Latent of Unknown Duration*	-	-	-	-	-	4	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	2	-	1
Syphilis - Late with Manifestations*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Primary	-	-	-	-	-	10	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Syphilis - Secondary	-	-	-	-	-	24	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	1	-	-
Syphilis - To Be Determined	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Unknown Duration or Late	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxic Shock	-	-	-	-	-	1	-	1	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trachoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichinosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis	-	-	-	-	-	11	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-
Tularemia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Vibriosis - Non Cholera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vibriosis - Non Cholera (Pre-2019)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
VISA	-	-	-	-	-	2	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1	-	-
VRSA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VZ Infection, Unspecified	-	-	-	-	-	3	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	1
West Nile Virus	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	4	-	-
Yellow Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yersinia enteritis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-
Zika	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	0	71	0	235	125	47,437	0	1,046	37	1,199	2	2,225	0	2,315	1	1,179	14	3,323	0	1,455	24	7,279	19	15,774

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 52-2013																								
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	-	-	-	59	-	7	1	105	-	1	-	-	-	-	-	7	-	1	-	-	-	40	-	1
Shiga toxin-producing Escherichia coli --(STEC)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Shiga toxin-producing Escherichia coli --(STEC Pre-2019)*	-	-	-	-	-	1	-	20	-	2	-	-	-	-	-	-	-	-	-	-	-	10	-	-
Shigellosis	-	-	-	2	-	1	1	14	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-
Shingles	-	-	-	9	-	-	4	177	-	-	-	-	-	-	-	-	1	-	-	-	-	7	-	1
Streptococcal Dis, Inv, Grp A	-	-	-	5	-	2	1	32	-	1	-	1	-	-	-	-	-	-	-	-	-	9	-	-
Streptococcal Toxic Shock	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
Streptococcus pneumoniae, Drug Resistant	-	-	-	-	-	-	-	4	-	-	-	-	-	1	-	-	-	-	-	-	-	3	-	-
Streptococcus pneumoniae, Inv	-	-	-	7	-	1	-	49	-	1	-	1	-	-	-	-	2	-	-	-	-	13	-	1
Syphilis - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Early Latent	-	-	-	1	-	-	-	37	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Late Latent*	-	-	-	-	-	-	1	31	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Latent of Unknown Duration*	-	-	-	2	-	-	-	19	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Late with Manifestations*	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Primary	-	-	-	1	-	-	-	18	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Secondary	-	-	-	-	-	-	1	53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - To Be Determined	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Unknown Duration or Late	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Toxic Shock	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trachoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichinosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis	-	-	-	3	-	-	-	26	-	-	-	1	-	-	-	-	-	-	-	-	-	3	-	-
Tularemia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid Fever	-	-	-	-	-	-	1	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vibriosis - Non Cholera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vibriosis - Non Cholera (Pre-2019)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
VISA	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VRSA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VZ Infection, Unspecified	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1
West Nile Virus	-	-	-	-	-	-	-	4	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
Yellow Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yersinia enteritis	-	-	-	1	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Zika	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	0	58	26	10,203	2	4,795	388	22,440	1	2,343	1	154	0	284	0	662	1	217	0	0	80	32,398	1	136

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 52-2013																								
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	-	15	-	2	-	-	-	22	-	11	-	9	-	12	-	7	-	36	1	90	-	5
Shiga toxin-producing Escherichia coli --(STEC)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Shiga toxin-producing Escherichia coli --(STEC Pre-2019)*	-	-	-	4	-	3	-	-	-	2	-	1	-	-	1	-	-	-	5	-	33	-	4	
Shigellosis	-	-	-	1	-	-	-	-	-	-	-	1	-	1	-	-	-	3	1	4	2	19	-	-
Shingles	-	1	-	1	-	-	-	-	-	1	-	1	-	1	-	-	-	1	-	22	1	44	-	1
Streptococcal Dis, Inv, Grp A	-	-	-	1	-	1	-	-	1	1	-	-	-	1	-	2	-	2	1	2	1	35	-	1
Streptococcal Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Drug Resistant	-	-	-	5	-	1	-	-	-	3	-	3	-	-	-	-	-	2	-	-	-	2	-	-
Streptococcus pneumoniae, Inv	-	-	-	8	-	2	-	-	1	10	-	9	-	10	-	7	-	9	1	20	2	59	-	2
Syphilis - Congenital	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
Syphilis - Early Latent	-	-	-	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	-	19	-	-
Syphilis - Late Latent*	-	-	-	4	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	1	1	18	-	-
Syphilis - Latent of Unknown Duration*	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	8	1	35	-	-
Syphilis - Late with Manifestations*	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Primary	-	-	-	-	-	-	-	-	-	1	-	2	-	-	-	-	-	-	-	13	2	34	-	-
Syphilis - Secondary	-	1	-	4	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	9	-	58	-	-
Syphilis - To Be Determined	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Syphilis - Unknown Duration or Late	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tetanus	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-
Toxic Shock	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
Trachoma	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichinosis	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Tuberculosis	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	6	-	29	-	-
Tularemia	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Typhoid Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-
Vibriosis - Non Cholera	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vibriosis - Non Cholera (Pre-2019)*	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	-	-
VISA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-
VRSA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
VZ Infection, Unspecified	-	-	-	1	-	1	-	-	-	4	-	-	-	1	-	-	-	-	-	5	-	4	-	-
West Nile Virus	-	-	-	-	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	1	-	9	-	-
Yellow Fever	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Yersinia enteritis	-	-	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	3	-	-
Zika	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	3	875	63	18,129	2	475	0	127	10	1,349	33	4,769	68	2,351	3	680	5	3,936	109	13,938	250	35,398	6	2,917

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

Report 8: Epi-Curve Graph

Time Period: 12/28/2011 - 12/28/2013

Time Breakdown: by Week

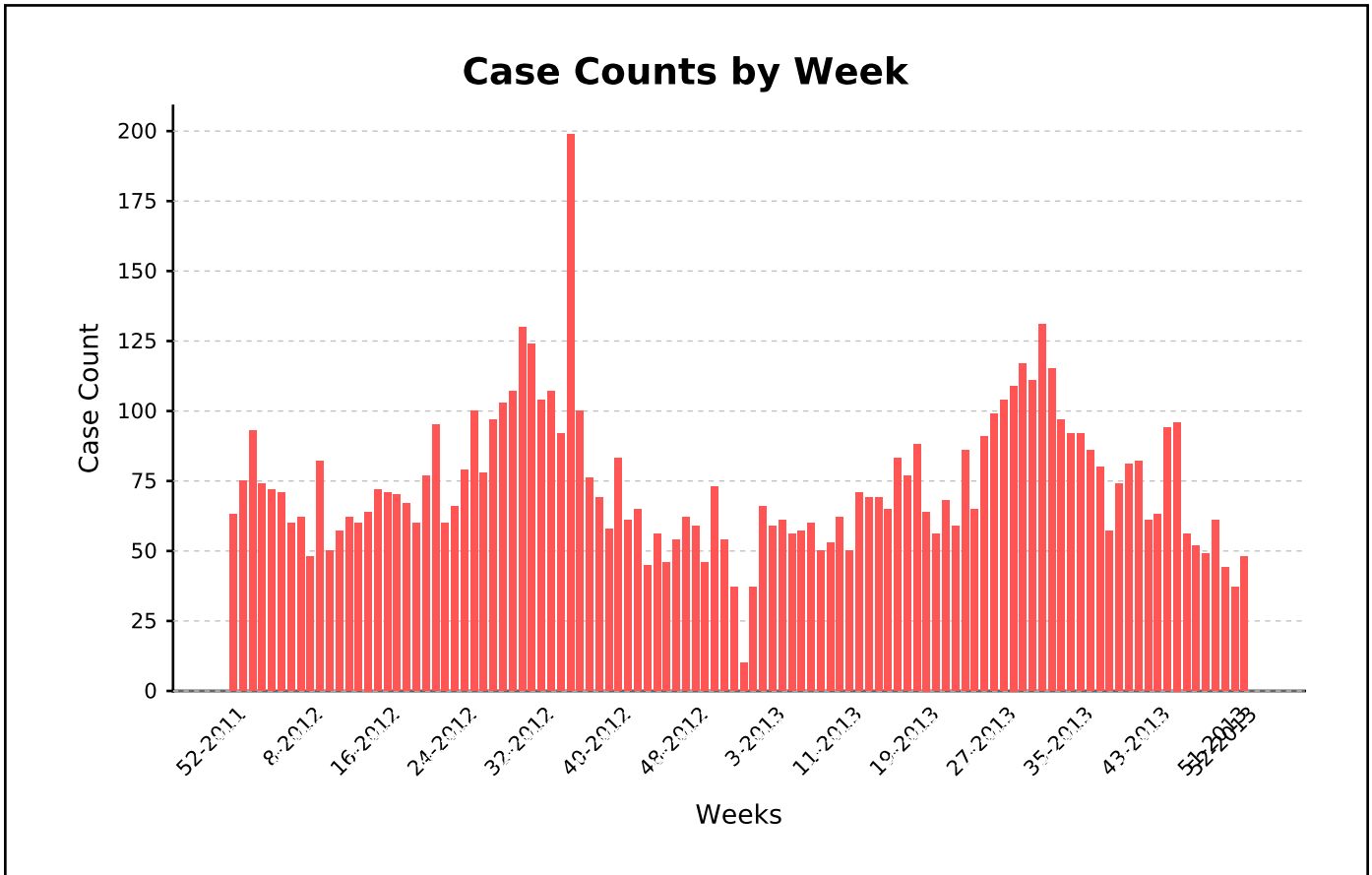
Geographic Area: The State of Michigan

Disease Group: Foodborne

Case Status: Confirmed, Probable, Suspect

Case Types: Individual and Aggregate

Investigation Status: Completed, Completed - Follow Up



Week	Total
52-2011	63
1-2012	75
2-2012	93
3-2012	74
4-2012	72
5-2012	71
6-2012	60
7-2012	62
8-2012	48
9-2012	82
10-2012	50
11-2012	57
12-2012	62
13-2012	60
14-2012	64

Week	Total
15-2012	72
16-2012	71
17-2012	70
18-2012	67
19-2012	60
20-2012	77
21-2012	95
22-2012	60
23-2012	66
24-2012	79
25-2012	100
26-2012	78
27-2012	97
28-2012	103
29-2012	107

Week	Total
30-2012	130
31-2012	124
32-2012	104
33-2012	107
34-2012	92
35-2012	199
36-2012	100
37-2012	76
38-2012	69
39-2012	58
40-2012	83
41-2012	61
42-2012	65
43-2012	45
44-2012	56

Week	Total
45-2012	46
46-2012	54
47-2012	62
48-2012	59
49-2012	46
50-2012	73
51-2012	54
52-2012	37
53-2012	10
1-2013	37
2-2013	66
3-2013	59
4-2013	61
5-2013	56
6-2013	57

Week	Total
7-2013	60
8-2013	50
9-2013	53
10-2013	62
11-2013	50
12-2013	71
13-2013	69
14-2013	69
15-2013	65
16-2013	83
17-2013	77
18-2013	88
19-2013	64
20-2013	56
21-2013	68

Week	Total
22-2013	59
23-2013	86
24-2013	65
25-2013	91
26-2013	99
27-2013	104
28-2013	109
29-2013	117
30-2013	111
31-2013	131
32-2013	115
33-2013	97
34-2013	92
35-2013	92
36-2013	86
37-2013	80
38-2013	57
39-2013	74
40-2013	81
41-2013	82
42-2013	61
43-2013	63
44-2013	94
45-2013	96
46-2013	56
47-2013	52
48-2013	49
49-2013	61
50-2013	44
51-2013	37
52-2013	48

Report 8: Epi-Curve Graph

Time Period: 12/28/2011 - 12/28/2013

Time Breakdown: by Week

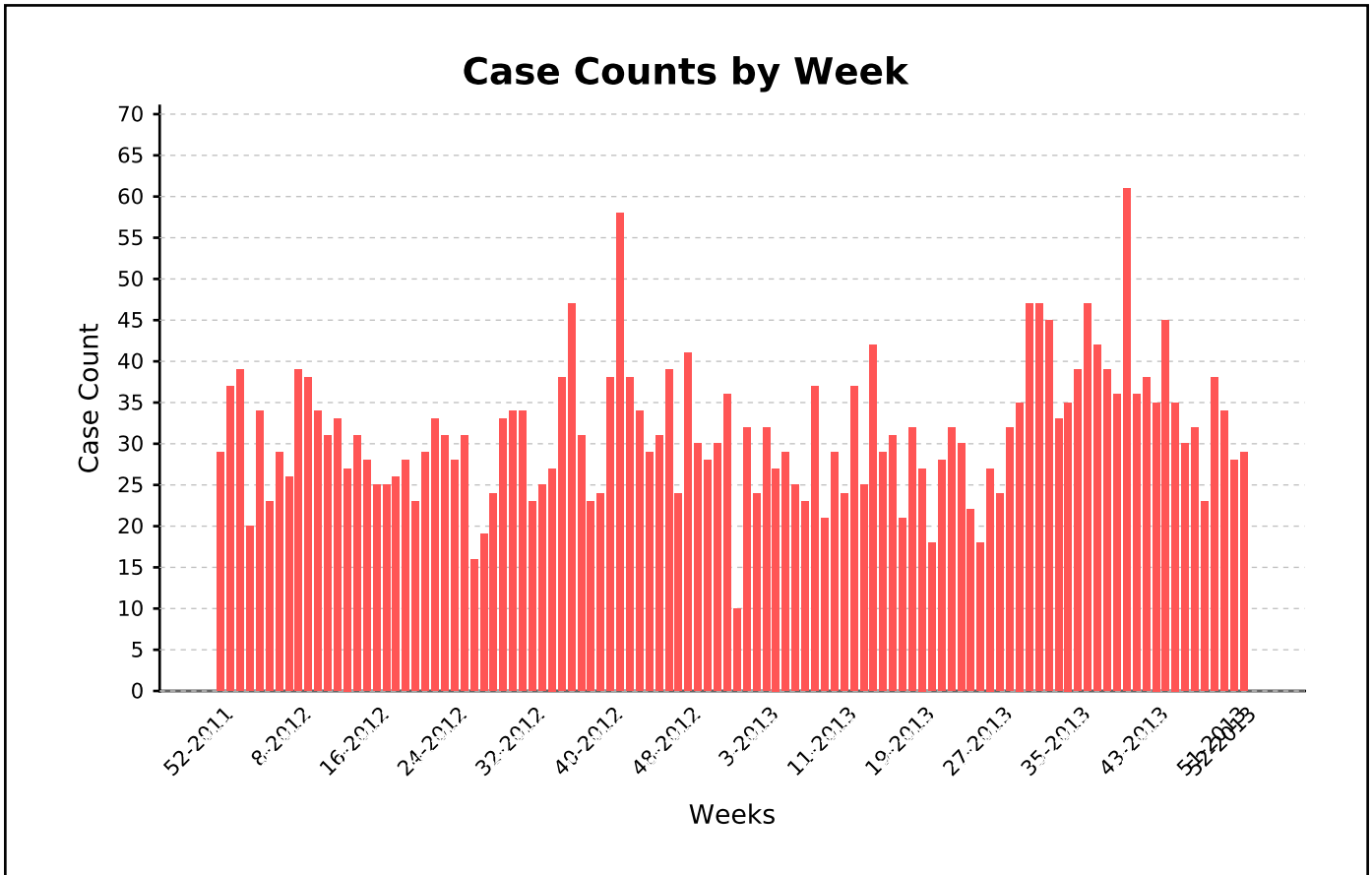
Geographic Area: The State of Michigan

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
52-2011	29	15-2012	28	30-2012	34	45-2012	31	7-2013	23
1-2012	37	16-2012	25	31-2012	34	46-2012	39	8-2013	37
2-2012	39	17-2012	25	32-2012	23	47-2012	24	9-2013	21
3-2012	20	18-2012	26	33-2012	25	48-2012	41	10-2013	29
4-2012	34	19-2012	28	34-2012	27	49-2012	30	11-2013	24
5-2012	23	20-2012	23	35-2012	38	50-2012	28	12-2013	37
6-2012	29	21-2012	29	36-2012	47	51-2012	30	13-2013	25
7-2012	26	22-2012	33	37-2012	31	52-2012	36	14-2013	42
8-2012	39	23-2012	31	38-2012	23	53-2012	10	15-2013	29
9-2012	38	24-2012	28	39-2012	24	1-2013	32	16-2013	31
10-2012	34	25-2012	31	40-2012	38	2-2013	24	17-2013	21
11-2012	31	26-2012	16	41-2012	58	3-2013	32	18-2013	32
12-2012	33	27-2012	19	42-2012	38	4-2013	27	19-2013	27
13-2012	27	28-2012	24	43-2012	34	5-2013	29	20-2013	18
14-2012	31	29-2012	33	44-2012	29	6-2013	25	21-2013	28

Week	Total
22-2013	32
23-2013	30
24-2013	22
25-2013	18
26-2013	27
27-2013	24
28-2013	32
29-2013	35
30-2013	47
31-2013	47
32-2013	45
33-2013	33
34-2013	35
35-2013	39
36-2013	47
37-2013	42
38-2013	39
39-2013	36
40-2013	61
41-2013	36
42-2013	38
43-2013	35
44-2013	45
45-2013	35
46-2013	30
47-2013	32
48-2013	23
49-2013	38
50-2013	34
51-2013	28
52-2013	29