



*mi*Ottawa Department of  
**Public Health**

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# Monthly Reportable Diseases Summary

## Ottawa County

### 2015

The data in the Monthly Disease Reports are provisional, based on current reports in the Michigan Disease Surveillance System (MDSS) made 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. Each Monthly Disease Report reflects this constant activity as the numbers may slightly fluctuate each month. Therefore, it should be kept in mind that numbers in the Monthly Disease Reports are NOT final and should be used only to generally monitor trends over time. Unknown, suspected, probable and laboratory confirmed cases of the reportable condition are included in the report.

Specific data requests and questions should be directed towards:

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# January 2015

*Reportable conditions that are **bolded** have an accompanying graph at the end of the monthly section.*

Disease Group	Reportable Condition	Cases Reported in Last 4 Months**				Year Total Through January				Year End
		Oct-14	Nov-14	Dec-14	Jan-15	2012	2013	2014	2015	2014
<b>Foodborne</b>	Amebiasis	-	1	-	-	-	-	1	-	3
	Botulism - Foodborne	-	-	-	-	-	-	-	-	-
	Campylobacter	8	4	3	7	8	5	1	7	45
	Cryptosporidiosis	1	-	2	1	1	1	2	1	11
	Giardiasis	2	1	1	-	1	1	1	-	17
	Listeriosis	-	-	-	-	-	-	-	-	-
	<b>Norovirus***</b>	-	3	1	<b>69</b>	3	1	-	<b>69</b>	20
	Salmonellosis	2	3	3	2	4	5	2	2	34
	Shiga toxin-producing Escherichia coli --(STEC)	2	-	-	-	1	2	-	-	8
	Shigellosis	-	1	1	1	-	-	-	1	3
	Typhoid Fever	-	-	-	-	-	-	-	-	-
	Yersinia enteritis	-	-	-	1	-	-	-	1	2
Foodborne Subtotal	15	13	11	<b>81</b>	18	15	7	<b>81</b>	143	
<b>Influenza</b>	<b>Flu Like Disease* ***</b>	4,978	3,273	3,712	<b>5,159</b>	3,299	5,267	1,870	<b>5,159</b>	29,139
	Influenza	1	1	32	3	1	19	5	3	48
	Influenza, Novel	-	-	-	-	-	-	-	-	-
	Influenza Subtotal	4,979	3,274	3,744	<b>5,162</b>	3,300	5,286	1,875	<b>5,162</b>	29,187
<b>Meningitis</b>	<b>Meningitis - Aseptic</b>	3	3	-	-	-	2	1	-	24
	Meningitis - Bacterial Other	-	-	1	1	-	-	-	1	5
	Meningococcal Disease	-	-	-	-	-	-	-	-	-
	Streptococcus pneumoniae, Inv	1	2	2	2	-	3	1	2	15
	Meningitis Subtotal	4	5	3	3	-	5	2	3	44
<b>Other</b>	Anthrax	-	-	-	-	-	-	-	-	-
	Blastomycosis	-	-	-	-	-	-	-	-	2
	Botulism - Infant	-	-	-	-	-	-	-	-	-
	Botulism - Other	-	-	-	-	-	-	-	-	-
	Brucellosis	-	-	-	-	-	-	-	-	-
	Cholera	-	-	-	-	-	-	-	-	-
	Coccidioidomycosis	-	-	-	-	-	-	2	-	3
	Creutzfeldt-Jakob Disease	-	-	-	-	-	-	-	-	-
	Cryptococcosis	-	-	-	-	-	-	-	-	-
	Cyclosporiasis	-	-	-	-	-	-	-	-	-
	Encephalitis, Post Chickenpox	-	-	-	-	-	-	-	-	-
	Encephalitis, Post Mumps	-	-	-	-	-	-	-	-	-
	Encephalitis, Post Other	-	-	-	-	-	-	-	-	-
	Encephalitis, Primary	-	-	1	-	-	-	-	-	1
	Guillain-Barre Syndrome	-	-	-	-	1	-	-	-	-
	Hantavirus	-	-	-	-	-	-	-	-	-
	Hantavirus, Other	-	-	-	-	-	-	-	-	-
	Hantavirus, Pulmonary	-	-	-	-	-	-	-	-	-
	Hemolytic Uremic Syndrome	-	-	-	-	-	1	-	-	-
	Hemorrhagic Fever	-	-	-	-	-	-	-	-	-
	Hepatitis - Unspecified	-	-	-	-	-	-	-	-	-
	Histoplasmosis	1	2	3	1	1	-	1	1	11
	Kawasaki	-	-	-	-	-	-	1	-	1
	Legionellosis	-	1	-	-	-	1	-	-	4
	Leprosy	-	-	-	-	-	-	-	-	-
	Leptospirosis	-	-	-	-	-	-	-	-	-
	Melioidosis	-	-	-	-	-	-	-	-	-
	Plague	-	-	-	-	-	-	-	-	-
	Psittacosis	-	-	-	-	-	-	-	-	-
	Q Fever Acute	-	-	-	-	1	-	-	-	-
	Q Fever Chronic	-	-	-	-	-	-	-	-	-
	Rabies Animal	-	-	-	-	-	-	-	-	-
	Rabies Human	-	-	-	-	-	-	-	-	-
Reye Syndrome	-	-	-	-	-	-	-	-	-	
Rheumatic Fever	-	-	-	-	-	-	-	-	-	
Rubella - Congenital	-	-	-	-	-	-	-	-	-	
Streptococcus pneumoniae, Drug Resistant	-	-	-	-	-	1	-	-	1	
Streptococcal Dis, Inv, Grp A	-	-	1	-	-	-	1	-	9	
Streptococcal Toxic Shock	-	-	-	-	-	1	-	-	-	

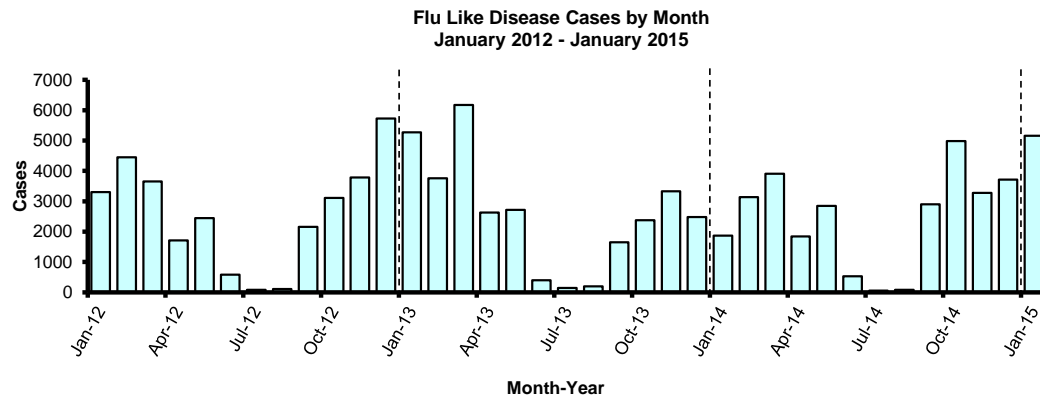
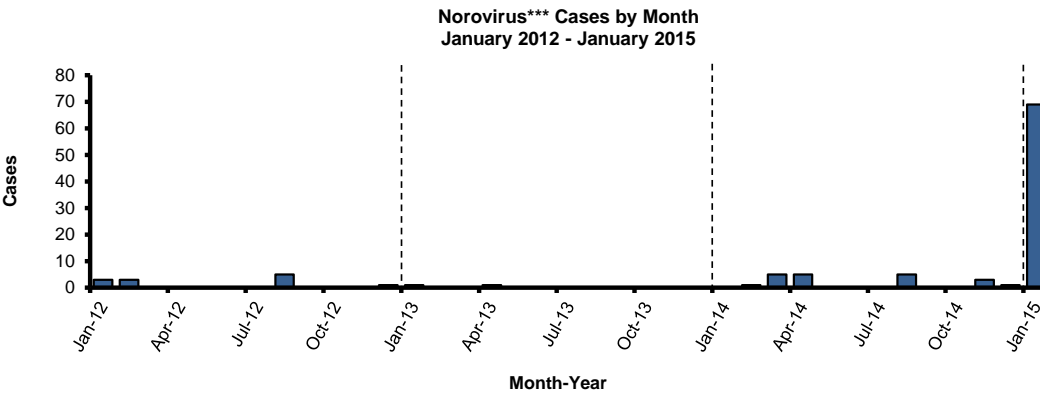
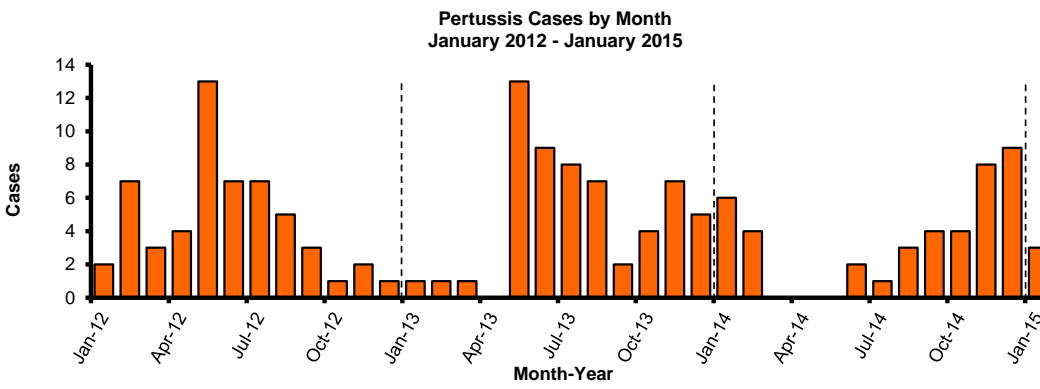
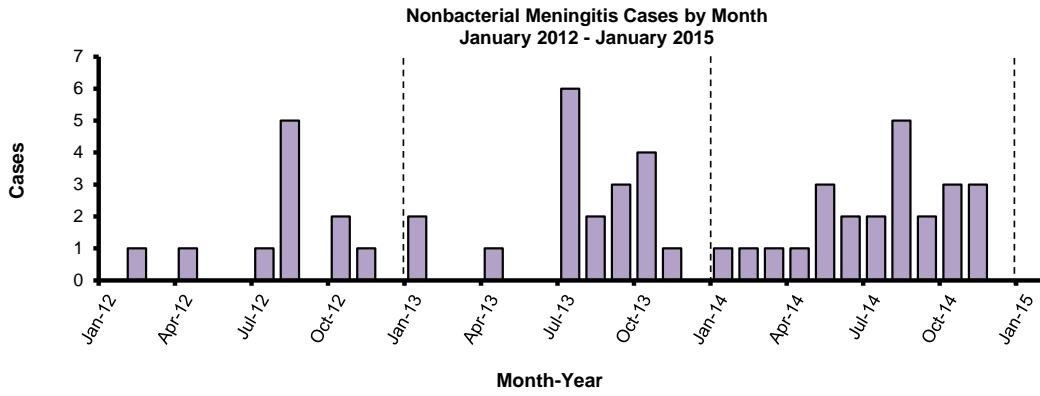
Reportable conditions that are **bolded** have an accompanying graph at the end of the monthly section.

Disease Group	Reportable Condition	Cases Reported in Last 4 Months**				Year Total Through January				Year End
		Oct-14	Nov-14	Dec-14	Jan-15	2012	2013	2014	2015	2014
<b>Other</b>	Toxic Shock	-	-	-	-	-	-	-	-	-
	Trachoma	-	-	-	-	-	-	-	-	-
	Trichinosis	-	-	-	-	-	-	-	-	-
	Tularemia	-	-	-	-	-	-	-	-	-
	Vibriosis - Non Cholera	-	-	-	-	-	-	-	-	2
	VISA	-	-	-	-	-	-	-	-	-
	VRSA	-	-	-	-	-	-	-	-	-
	Other Subtotal	1	3	5	1	3	4	5	1	34
<b>STD</b>	Chancroid	-	-	-	-	-	-	-	-	-
	Chlamydia (Genital)	63	51	56	62	55	59	51	62	712
	Gonorrhea	9	9	3	3	2	13	6	3	82
	Granuloma Inguinale	-	-	-	-	-	-	-	-	-
	Lymphogranuloma venereum	-	-	-	-	-	-	-	-	-
	Primary & Secondary Syphilis	1	2	1	-	-	-	-	-	5
	All Syphilis	2	2	1	1	-	-	-	1	8
	STD Subtotal	74	62	60	66	57	72	57	66	802
<b>Tuberculosis</b>	Tuberculosis	-	-	-	-	-	1	-	-	3
	Mycobacterium - Other	2	1	4	3	-	1	-	3	23
	Tuberculosis Subtotal	2	1	4	3	-	2	-	3	26
<b>VPD</b>	Chickenpox (Varicella)	3	9	1	1	5	-	2	1	28
	Diphtheria	-	-	-	-	-	-	-	-	-
	<b>H. influenzae Disease - Inv.</b>	1	-	-	1	-	-	-	1	3
	Measles	-	-	-	-	-	-	-	-	-
	Mumps	-	-	-	-	-	-	-	-	-
	<b>Pertussis</b>	4	8	9	3	2	1	6	3	41
	Polio	-	-	-	-	-	-	-	-	-
	Rubella	-	-	-	-	-	-	-	-	-
	Shingles	-	-	-	-	1	-	-	-	10
	Tetanus	-	-	-	-	-	-	-	-	-
	VZ Infection, Unspecified	2	-	-	1	-	-	-	1	2
	VPD Subtotal	10	17	10	6	8	1	8	6	84
<b>Vectorborne</b>	Babesiosis	-	-	-	-	-	-	-	-	-
	Chikungunya	-	-	-	-	-	-	-	-	-
	Dengue Fever	-	-	-	-	-	-	-	-	-
	Ehrlichiosis	-	-	-	-	-	-	-	-	-
	Encephalitis, California	-	-	-	-	-	-	-	-	-
	Encephalitis, Eastern Equine	-	-	-	-	-	-	-	-	-
	Encephalitis, Powassan	-	-	-	-	-	-	-	-	-
	Encephalitis, St. Louis	-	-	-	-	-	-	-	-	-
	Encephalitis, Western Equine	-	-	-	-	-	-	-	-	-
	Lyme Disease	-	1	-	-	-	-	-	-	4
	Malaria	-	-	-	-	-	-	-	-	1
	Rickettsial Disease - Spotted Fever	-	-	-	-	-	-	-	-	-
	Rickettsial Disease - Typhus	-	-	-	-	-	-	-	-	-
	West Nile Virus	-	-	-	-	-	-	-	-	-
	Yellow Fever	-	-	-	-	-	-	-	-	-
	Vectorborne Subtotal	-	1	-	-	-	-	-	-	5
<b>Viral Hepatitis</b>	Hepatitis A	-	-	-	-	-	-	-	-	-
	Hepatitis B, Acute	-	-	-	-	-	-	-	-	-
	Hepatitis B, Chronic	-	1	-	-	1	2	-	-	10
	Hepatitis B, Perinatal	-	-	-	-	-	-	-	-	-
	Hepatitis C, Acute	-	-	-	-	-	-	-	-	1
	Hepatitis C, Chronic	6	7	4	9	2	3	2	9	59
	Hepatitis C, Unknown*	-	-	-	-	-	-	-	-	-
	Hepatitis D	-	-	-	-	-	-	-	-	-
	Hepatitis E	-	-	-	-	-	-	-	-	-
	Hepatitis Non A Non B	-	-	-	-	-	-	-	-	-
	Viral Hepatitis Subtotal	6	8	4	9	3	5	2	9	70
<b>Total</b>		5,017	3,322	3,781	5,265	3,332	5,318	1,899	5,265	29,593

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

\*\*Data for cases reported is based on date of symptom onset, if available, or date of referral to the public health department.

\*\*\*The Ottawa County Department of Public Health began reporting outbreak aggregate counts of these diseases to the MDSS in 2015.



## February 2015

Reportable conditions that are **bolded** have an accompanying graph at the end of the monthly section.

Disease Group	Reportable Condition	Cases Reported in Last 4 Months**				Year Total Through February				Year End
		Nov-14	Dec-14	Jan-15	Feb-15	2012	2013	2014	2015	2014
<b>Foodborne</b>	Amebiasis	1	-	-	-	-	-	1	-	3
	Botulism - Foodborne	-	-	-	-	-	-	-	-	-
	Campylobacter	4	3	7	4	11	8	4	11	45
	Cryptosporidiosis	-	2	1	-	1	1	2	1	11
	Giardiasis	1	1	-	-	5	2	2	-	17
	Listeriosis	-	-	-	-	-	-	-	-	-
	Norovirus***	3	1	69	-	6	1	1	69	20
	Salmonellosis	3	3	2	1	4	6	3	3	34
	Shiga toxin-producing Escherichia coli --(STEC)	-	-	-	-	1	3	-	-	8
	Shigellosis	1	1	1	-	-	-	-	1	3
	Typhoid Fever	-	-	-	-	-	-	-	-	-
	Yersinia enteritis	-	-	1	-	1	-	-	1	2
	<b>Foodborne Subtotal</b>	13	11	81	5	29	21	13	86	143
<b>Influenza</b>	<b>Flu Like Disease* ***</b>	3,273	3,712	5,159	<b>4,426</b>	7,746	9,024	5,006	<b>9,585</b>	<b>29,139</b>
	Influenza	1	32	3	-	2	28	11	3	48
	Influenza, Novel	-	-	-	-	-	-	-	-	-
	<b>Influenza Subtotal</b>	3,274	3,744	5,162	<b>4,426</b>	7,748	9,052	5,017	<b>9,588</b>	<b>29,187</b>
<b>Meningitis</b>	Meningitis - Aseptic	3	-	-	-	1	2	2	-	24
	Meningitis - Bacterial Other	-	1	1	-	-	-	-	1	5
	Meningococcal Disease	-	-	-	-	-	-	-	-	-
	Streptococcus pneumoniae, Inv	2	2	2	1	2	5	1	3	15
	<b>Meningitis Subtotal</b>	5	3	3	1	3	7	3	4	44
<b>Other</b>	Anthrax	-	-	-	-	-	-	-	-	-
	Blastomycosis	-	-	-	-	-	-	-	-	2
	Botulism - Infant	-	-	-	-	-	-	-	-	-
	Botulism - Other	-	-	-	-	-	-	-	-	-
	Brucellosis	-	-	-	-	-	-	-	-	-
	Cholera	-	-	-	-	-	-	-	-	-
	Coccidioidomycosis	-	-	-	-	-	-	2	-	3
	Creutzfeldt-Jakob Disease	-	-	-	-	-	-	-	-	-
	Cryptococcosis	-	-	-	-	-	-	-	-	-
	Cyclosporiasis	-	-	-	-	-	-	-	-	-
	Encephalitis, Post Chickenpox	-	-	-	-	-	-	-	-	-
	Encephalitis, Post Mumps	-	-	-	-	-	-	-	-	-
	Encephalitis, Post Other	-	-	-	-	-	-	-	-	-
	Encephalitis, Primary	-	1	-	-	-	-	-	-	1
	Guillain-Barre Syndrome	-	-	-	-	1	-	-	-	-
	Hantavirus	-	-	-	-	-	-	-	-	-
	Hantavirus, Other	-	-	-	-	-	-	-	-	-
	Hantavirus, Pulmonary	-	-	-	-	-	-	-	-	-
	Hemolytic Uremic Syndrome	-	-	-	-	-	1	-	-	-
	Hemorrhagic Fever	-	-	-	-	-	-	-	-	-
	Hepatitis - Unspecified	-	-	-	-	-	-	-	-	-
	<b>Histoplasmosis</b>	2	3	1	1	2	1	2	2	11
	Kawasaki	-	-	-	-	-	-	1	-	1
	Legionellosis	1	-	-	-	-	1	-	-	4
	Leprosy	-	-	-	-	-	-	-	-	-
	Leptospirosis	-	-	-	-	-	-	-	-	-
	Melioidosis	-	-	-	-	-	-	-	-	-
	Plague	-	-	-	-	-	-	-	-	-
	Psittacosis	-	-	-	-	-	-	-	-	-
	Q Fever Acute	-	-	-	-	1	-	-	-	-
	Q Fever Chronic	-	-	-	-	-	-	-	-	-
	Rabies Animal	-	-	-	-	-	-	-	-	-
	Rabies Human	-	-	-	-	-	-	-	-	-
	Reye Syndrome	-	-	-	-	-	-	-	-	-
	Rheumatic Fever	-	-	-	-	-	-	-	-	-
	Rubella - Congenital	-	-	-	-	-	-	-	-	-
	<b>Streptococcus pneumoniae, Drug Resistant</b>	-	-	-	-	-	1	-	-	1
	Streptococcal Dis, Inv, Grp A	-	1	-	1	-	1	2	1	9
	Streptococcal Toxic Shock	-	-	-	-	-	1	-	-	-

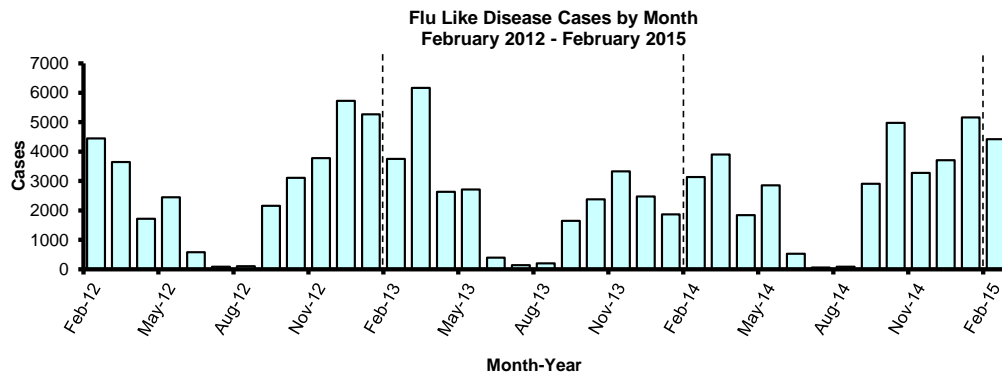
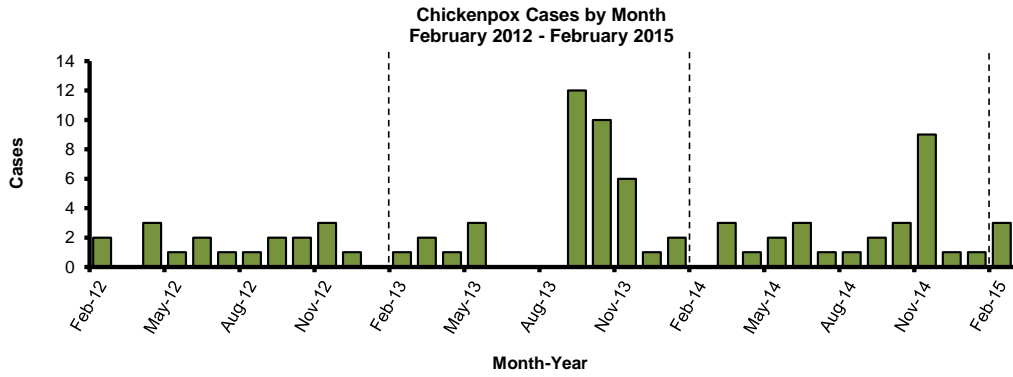
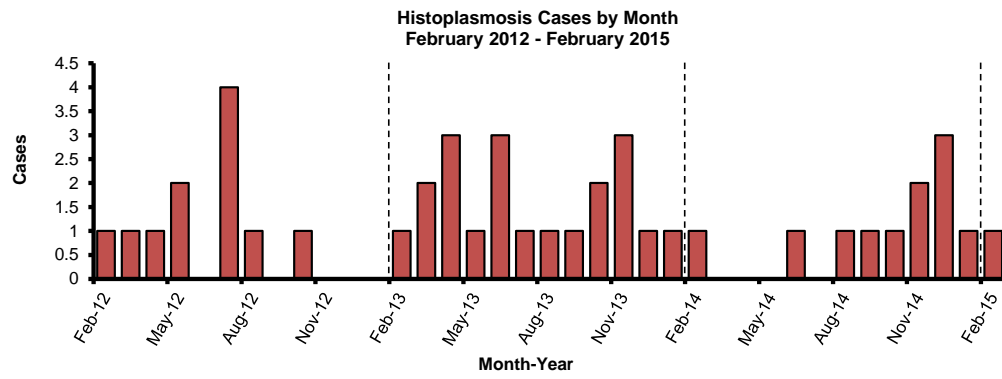
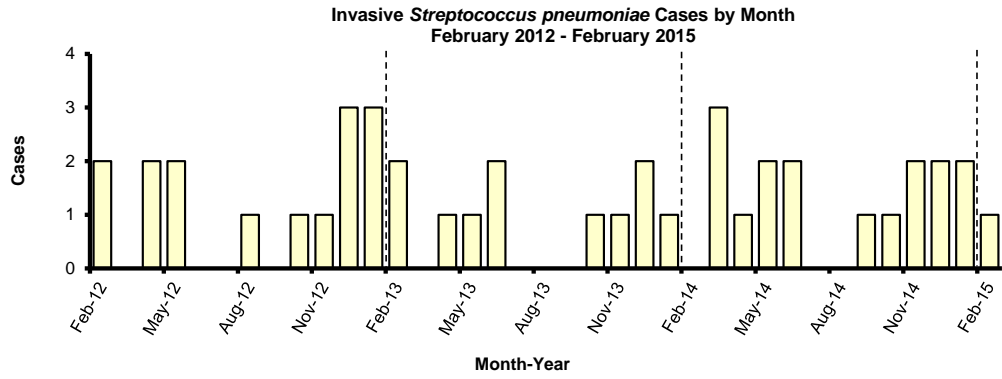
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Disease Group	Reportable Condition	Cases Reported in Last 4 Months**				Year Total Through February				Year End
		Nov-14	Dec-14	Jan-15	Feb-15	2012	2013	2014	2015	2014
<b>Other</b>	Toxic Shock	-	-	-	-	-	-	-	-	-
	Trachoma	-	-	-	-	-	-	-	-	-
	Trichinosis	-	-	-	-	-	-	-	-	-
	Tularemia	-	-	-	-	-	-	-	-	-
	Vibriosis - Non Cholera	-	-	-	-	-	-	1	-	2
	VISA	-	-	-	-	-	-	-	-	-
	VRSA	-	-	-	-	-	-	-	-	-
	Other Subtotal	3	5	1	2	4	6	8	3	34
<b>STD</b>	Chancroid	-	-	-	-	-	-	-	-	-
	Chlamydia (Genital)	51	56	62	<b>60</b>	114	111	109	122	712
	Gonorrhea	9	3	3	7	9	21	11	10	82
	Granuloma Inguinale	-	-	-	-	-	-	-	-	-
	Lymphogranuloma venereum	-	-	-	-	-	-	-	-	-
	Primary & Secondary Syphilis	2	1	-	-	-	-	-	-	5
	All Syphilis	2	1	1	-	-	-	-	1	8
	STD Subtotal	62	60	66	<b>67</b>	123	132	120	133	802
<b>Tuberculosis</b>	Tuberculosis	-	-	-	1	-	1	-	1	3
	Mycobacterium - Other	1	4	3	1	1	1	-	4	23
	Tuberculosis Subtotal	1	4	3	2	1	2	-	5	26
<b>VPD</b>	<b>Chickenpox (Varicella)</b>	9	1	1	3	7	1	2	4	28
	Diphtheria	-	-	-	-	-	-	-	-	-
	<b>H. influenzae Disease - Inv.</b>	-	-	1	-	-	-	-	1	3
	Measles	-	-	-	-	-	-	-	-	-
	Mumps	-	-	-	-	-	-	-	-	-
	Pertussis	8	9	3	3	9	2	10	6	41
	Polio	-	-	-	-	-	-	-	-	-
	Rubella	-	-	-	-	-	-	-	-	-
	Shingles	-	-	-	-	3	-	2	-	10
	Tetanus	-	-	-	-	-	-	-	-	-
	VZ Infection, Unspecified	-	-	1	-	-	1	-	1	2
VPD Subtotal	17	10	6	6	19	4	14	12	84	
<b>Vectorborne</b>	Babesiosis	-	-	-	-	-	-	-	-	-
	Chikungunya	-	-	-	-	-	-	-	-	-
	Dengue Fever	-	-	-	-	-	-	-	-	-
	Ehrlichiosis	-	-	-	-	-	-	-	-	-
	Encephalitis, California	-	-	-	-	-	-	-	-	-
	Encephalitis, Eastern Equine	-	-	-	-	-	-	-	-	-
	Encephalitis, Powassan	-	-	-	-	-	-	-	-	-
	Encephalitis, St. Louis	-	-	-	-	-	-	-	-	-
	Encephalitis, Western Equine	-	-	-	-	-	-	-	-	-
	Lyme Disease	1	-	-	1	-	-	1	1	4
	Malaria	-	-	-	-	-	-	-	-	1
	Rickettsial Disease - Spotted Fever	-	-	-	-	-	-	-	-	-
	Rickettsial Disease - Typhus	-	-	-	-	-	-	-	-	-
	West Nile Virus	-	-	-	-	-	-	-	-	-
	Yellow Fever	-	-	-	-	-	-	-	-	-
Vectorborne Subtotal	1	-	-	1	-	-	1	1	5	
<b>Viral Hepatitis</b>	Hepatitis A	-	-	-	-	-	-	-	-	-
	Hepatitis B, Acute	-	-	-	-	-	-	-	-	-
	Hepatitis B, Chronic	1	-	-	1	1	3	3	1	10
	Hepatitis B, Perinatal	-	-	-	-	-	-	-	-	-
	Hepatitis C, Acute	-	-	-	-	-	-	-	-	1
	Hepatitis C, Chronic	7	4	9	4	7	6	5	13	59
	Hepatitis C, Unknown*	-	-	-	-	-	-	-	-	-
	Hepatitis D	-	-	-	-	-	-	-	-	-
	Hepatitis E	-	-	-	-	-	-	-	-	-
	Hepatitis Non A Non B	-	-	-	-	-	-	-	-	-
	Viral Hepatitis Subtotal	8	4	9	5	8	9	8	14	70
<b>Total</b>	<b>3,322</b>	<b>3,781</b>	<b>5,265</b>	<b>4,448</b>	<b>7,812</b>	<b>9,101</b>	<b>5,064</b>	<b>9,713</b>	<b>29,593</b>	

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

\*\*Data for cases reported is based on date of symptom onset, if available, or date of referral to the public health department.

\*\*\*The Ottawa County Department of Public Health began reporting outbreak aggregate counts of these diseases to the MDSS in 2015.





## March 2015

*Reportable conditions that are **bolded** have an accompanying graph at the end of the monthly section.*

Disease Group	Reportable Condition	Cases Reported in Last 4 Months**				Year Total Through March				Year End
		Dec-14	Jan-15	Feb-15	Mar-15	2012	2013	2014	2015	2014
<b>Foodborne</b>	Amebiasis	-	-	-	-	-	-	1	-	3
	Botulism - Foodborne	-	-	-	-	-	-	-	-	-
	<b>Campylobacter</b>	3	7	4	6	20	18	8	17	45
	Cryptosporidiosis	2	1	-	2	1	2	3	3	11
	Giardiasis	1	-	-	2	6	2	2	2	17
	Listeriosis	-	-	-	-	-	-	-	-	-
	Norovirus***	1	69	-	-	6	1	6	69	20
	Salmonellosis	3	2	1	1	4	7	5	4	34
	Shiga toxin-producing Escherichia coli --(STEC)	-	-	-	-	3	3	4	4	8
	Shigellosis	1	1	-	-	-	-	-	1	3
	Typhoid Fever	-	-	-	-	-	-	-	-	-
	Yersinia enteritis	-	1	-	-	1	-	-	1	2
Foodborne Subtotal		11	81	5	11	40	33	26	97	143
<b>Influenza</b>	<b>Flu Like Disease* ***</b>	3,712	5,159	4,426	<b>4,065</b>	11,396	15,192	8,908	<b>13,650</b>	<b>29,139</b>
	Influenza	32	3	-	-	3	32	12	3	48
	Influenza, Novel	-	-	-	-	-	-	-	-	-
	Influenza Subtotal	3,744	5,162	4,426	<b>4,065</b>	11,399	15,224	8,920	<b>13,653</b>	<b>29,187</b>
<b>Meningitis</b>	Meningitis - Aseptic	-	-	-	3	1	2	3	3	24
	Meningitis - Bacterial Other	1	1	-	-	-	1	-	1	5
	Meningococcal Disease	-	-	-	-	-	-	-	-	-
	Streptococcus pneumoniae, Inv	2	2	1	3	2	5	4	6	15
	Meningitis Subtotal	3	3	1	6	3	8	7	10	44
<b>Other</b>	Anthrax	-	-	-	-	-	-	-	-	-
	Blastomycosis	-	-	-	-	-	-	-	-	2
	Botulism - Infant	-	-	-	-	-	-	-	-	-
	Botulism - Other	-	-	-	-	-	-	-	-	-
	Brucellosis	-	-	-	-	-	-	-	-	-
	Cholera	-	-	-	-	-	-	-	-	-
	Coccidioidomycosis	-	-	-	-	-	-	2	-	3
	Creutzfeldt-Jakob Disease	-	-	-	-	-	-	-	-	-
	Cryptococcosis	-	-	-	-	-	-	-	-	-
	Cyclosporiasis	-	-	-	-	-	-	-	-	-
	Encephalitis, Post Chickenpox	-	-	-	-	-	-	-	-	-
	Encephalitis, Post Mumps	-	-	-	-	-	-	-	-	-
	Encephalitis, Post Other	-	-	-	-	-	-	-	-	-
	Encephalitis, Primary	1	-	-	-	-	-	-	-	1
	Guillain-Barre Syndrome	-	-	-	-	2	-	-	-	-
	Hantavirus	-	-	-	-	-	-	-	-	-
	Hantavirus, Other	-	-	-	-	-	-	-	-	-
	Hantavirus, Pulmonary	-	-	-	-	-	-	-	-	-
	Hemolytic Uremic Syndrome	-	-	-	-	-	1	-	-	-
	Hemorrhagic Fever	-	-	-	-	-	-	-	-	-
	Hepatitis - Unspecified	-	-	-	-	-	-	-	-	-
	Histoplasmosis	3	1	1	1	3	3	2	3	11
	Kawasaki	-	-	-	-	-	-	1	-	1
	Legionellosis	-	-	-	-	-	1	1	-	4
	Leprosy	-	-	-	-	-	-	-	-	-
	Leptospirosis	-	-	-	-	-	-	-	-	-
	Melioidosis	-	-	-	-	-	-	-	-	-
	Plague	-	-	-	-	-	-	-	-	-
	Psittacosis	-	-	-	-	-	-	-	-	-
	Q Fever Acute	-	-	-	-	1	-	-	-	-
	Q Fever Chronic	-	-	-	-	-	-	-	-	-
	Rabies Animal	-	-	-	-	-	-	-	-	-
	Rabies Human	-	-	-	-	-	-	-	-	-
	Reye Syndrome	-	-	-	-	-	-	-	-	-
Rheumatic Fever	-	-	-	-	-	-	-	-	-	
Rubella - Congenital	-	-	-	-	-	-	-	-	-	
Streptococcus pneumoniae, Drug Resistant	-	-	-	-	-	1	-	-	1	
Streptococcal Dis, Inv, Grp A	1	-	1	3	1	4	2	4	9	
Streptococcal Toxic Shock	-	-	-	-	-	1	-	-	-	

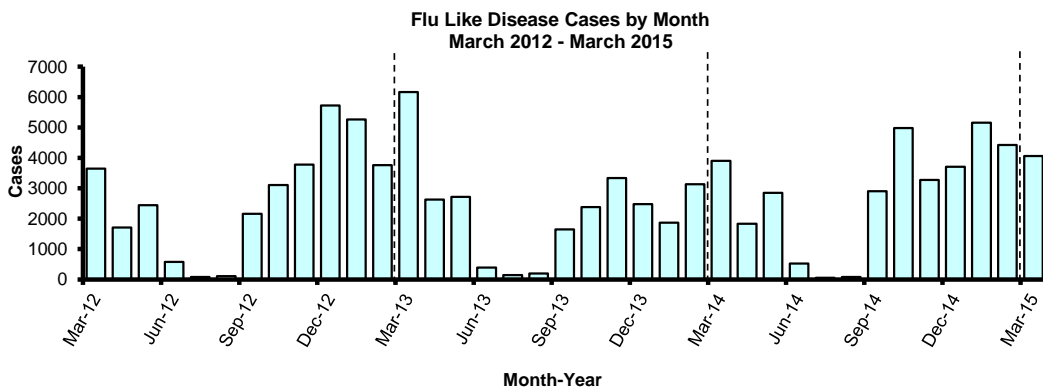
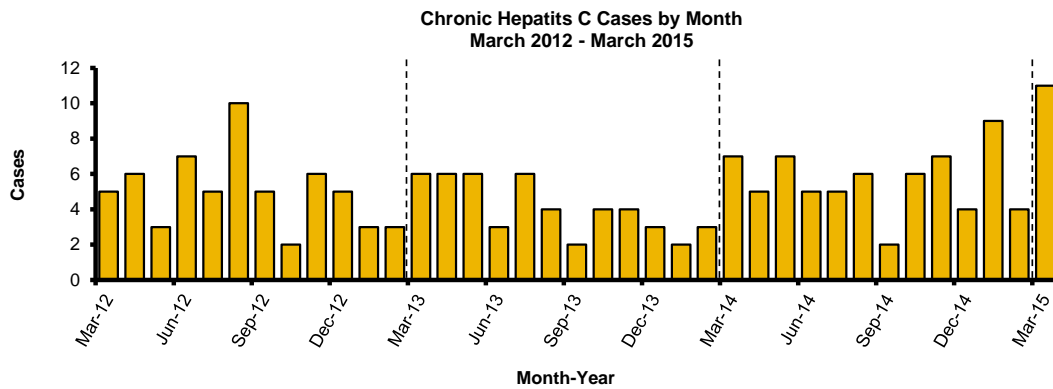
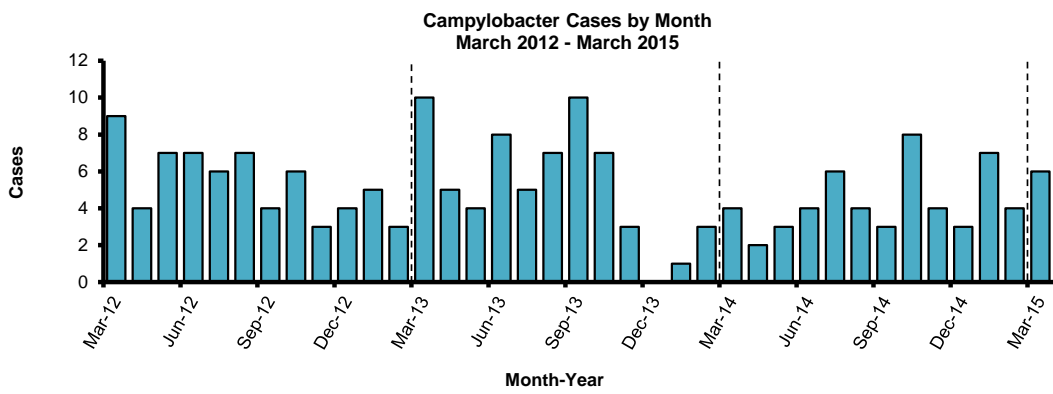
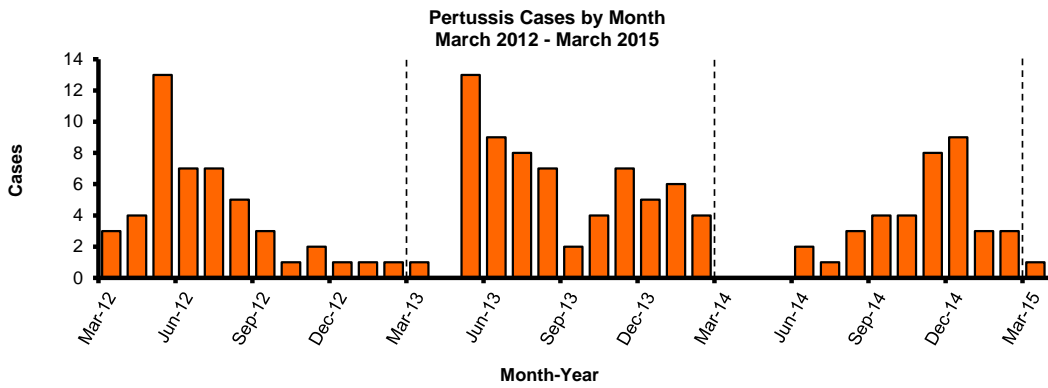
Reportable conditions that are **bolded** have an accompanying graph at the end of the monthly section.

Disease Group	Reportable Condition	Cases Reported in Last 4 Months**				Year Total Through March				Year End
		Dec-14	Jan-15	Feb-15	Mar-15	2012	2013	2014	2015	2014
<b>Other</b>	Toxic Shock	-	-	-	-	-	-	-	-	-
	Trachoma	-	-	-	-	-	-	-	-	-
	Trichinosis	-	-	-	-	-	-	-	-	-
	Tularemia	-	-	-	-	-	-	-	-	-
	Vibriosis - Non Cholera	-	-	-	-	-	-	1	-	2
	VISA	-	-	-	-	-	-	-	-	-
	VRSA	-	-	-	-	-	-	-	-	-
	Other Subtotal	5	1	2	4	7	11	9	7	34
<b>STD</b>	Chancroid	-	-	-	-	-	-	-	-	-
	Chlamydia (Genital)	56	62	60	73	185	186	152	195	712
	Gonorrhea	3	3	7	9	16	29	18	19	82
	Granuloma Inguinale	-	-	-	-	-	-	-	-	-
	Lymphogranuloma venereum	-	-	-	-	-	-	-	-	-
	Primary & Secondary Syphilis	1	-	-	-	-	-	-	-	5
	All Syphilis	1	1	-	-	-	-	-	1	8
	STD Subtotal	60	66	67	82	201	215	170	215	802
<b>Tuberculosis</b>	Tuberculosis	-	-	1	-	-	1	-	1	3
	Mycobacterium - Other	4	3	1	1	1	4	2	5	23
	Tuberculosis Subtotal	4	3	2	1	1	5	2	6	26
<b>VPD</b>	Chickenpox (Varicella)	1	1	3	-	7	3	5	4	28
	Diphtheria	-	-	-	-	-	-	-	-	-
	<b>H. influenzae Disease - Inv.</b>	-	1	-	-	-	-	1	1	3
	Measles	-	-	-	-	-	-	-	-	-
	Mumps	-	-	-	-	-	-	-	-	-
	<b>Pertussis</b>	9	3	3	1	12	3	10	7	41
	Polio	-	-	-	-	-	-	-	-	-
	Rubella	-	-	-	-	-	-	-	-	-
	Shingles	-	-	-	2	5	1	3	2	10
	Tetanus	-	-	-	-	-	-	-	-	-
	VZ Infection, Unspecified	-	1	-	-	-	1	-	1	2
VPD Subtotal	10	6	6	3	24	8	19	15	84	
<b>Vectorborne</b>	Babesiosis	-	-	-	-	-	-	-	-	-
	Chikungunya	-	-	-	-	-	-	-	-	-
	Dengue Fever	-	-	-	-	-	-	-	-	-
	Ehrlichiosis	-	-	-	-	-	-	-	-	-
	Encephalitis, California	-	-	-	-	-	-	-	-	-
	Encephalitis, Eastern Equine	-	-	-	-	-	-	-	-	-
	Encephalitis, Powassan	-	-	-	-	-	-	-	-	-
	Encephalitis, St. Louis	-	-	-	-	-	-	-	-	-
	Encephalitis, Western Equine	-	-	-	-	-	-	-	-	-
	Lyme Disease	-	-	1	-	1	-	1	1	4
	Malaria	-	-	-	-	-	-	-	-	1
	Rickettsial Disease - Spotted Fever	-	-	-	-	-	-	-	-	-
	Rickettsial Disease - Typhus	-	-	-	-	-	-	-	-	-
	West Nile Virus	-	-	-	-	-	-	-	-	-
	Yellow Fever	-	-	-	-	-	-	-	-	-
Vectorborne Subtotal	-	-	1	-	1	-	1	1	5	
<b>Viral Hepatitis</b>	Hepatitis A	-	-	-	-	-	-	-	-	-
	Hepatitis B, Acute	-	-	-	-	-	-	-	-	-
	Hepatitis B, Chronic	-	-	1	1	2	5	3	2	10
	Hepatitis B, Perinatal	-	-	-	-	-	-	-	-	-
	Hepatitis C, Acute	-	-	-	-	-	-	-	-	1
	<b>Hepatitis C, Chronic</b>	4	9	4	11	12	12	12	24	59
	Hepatitis C, Unknown*	-	-	-	-	-	-	-	-	-
	Hepatitis D	-	-	-	-	-	-	-	-	-
	Hepatitis E	-	-	-	-	-	-	-	-	-
	Hepatitis Non A Non B	-	-	-	-	-	-	-	-	-
Viral Hepatitis Subtotal	4	9	5	12	36	42	51	55	70	
<b>Total</b>		3,781	5,265	4,448	4,102	11,511	15,331	9,035	13,844	29,593

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

\*\*Data for cases reported is based on date of symptom onset, if available, or date of referral to the public health department.

\*\*\*The Ottawa County Department of Public Health began reporting outbreak aggregate counts of these diseases to the MDSS in 2015.



## April 2015

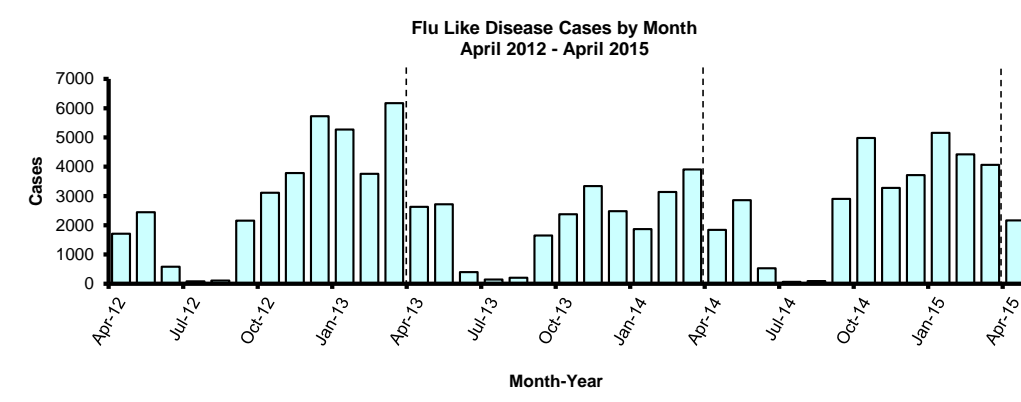
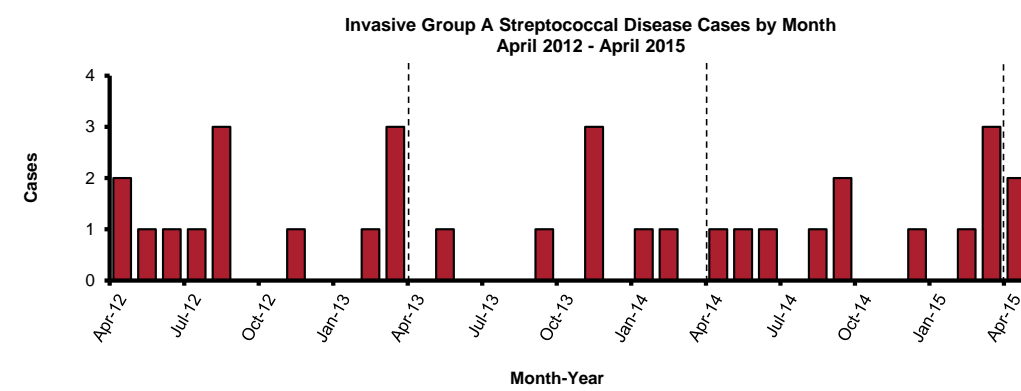
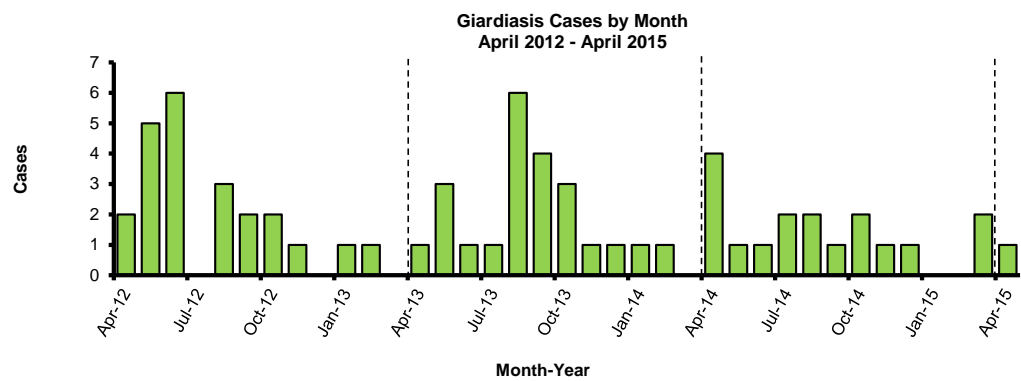
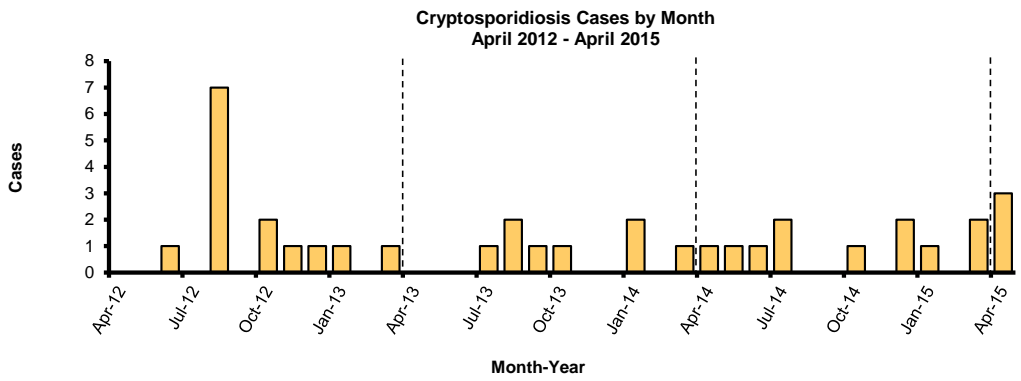
Reportable conditions that are <b>bolded</b> have an accompanying graph at the end of the monthly section.										
Disease Group	Reportable Condition	Cases Reported in Last 4 Months**				Year Total Through April				Year End
		Jan-15	Feb-15	Mar-15	Apr-15	2012	2013	2014	2015	2014
<b>Foodborne</b>	Amebiasis	-	-	-	-	-	-	1	-	<b>3</b>
	Botulism - Foodborne	-	-	-	-	-	-	-	-	-
	Campylobacter	7	4	6	4	24	23	10	21	<b>45</b>
	<b>Cryptosporidiosis</b>	1	-	2	3	1	2	4	6	<b>11</b>
	<b>Giardiasis</b>	-	-	2	1	8	3	6	3	<b>17</b>
	Listeriosis	-	-	-	-	-	-	-	-	-
	Norovirus***	69	-	-	-	6	2	11	69	<b>20</b>
	Salmonellosis	2	1	1	3	5	11	12	7	<b>34</b>
	Shiga toxin-producing Escherichia coli --(STEC)	-	-	-	1	2	3	2	1	<b>8</b>
	Shigellosis	1	-	-	-	-	2	-	1	<b>3</b>
	Typhoid Fever	-	-	-	-	-	-	-	-	-
	Yersinia enteritis	1	-	-	-	1	-	-	1	<b>2</b>
Foodborne Subtotal	81	5	11	12	47	46	46	109	<b>143</b>	
<b>Influenza</b>	<b>Flu Like Disease* ***</b>	5,159	4,426	4,065	<b>2,165</b>	13,110	17,824	10,746	<b>15,815</b>	<b>29,139</b>
	Influenza	3	-	-	1	9	32	12	4	<b>48</b>
	Influenza, Novel	-	-	-	-	-	-	-	-	-
	Influenza Subtotal	5,162	4,426	4,065	<b>2,166</b>	13,119	17,856	10,758	<b>15,819</b>	<b>29,187</b>
<b>Meningitis</b>	Meningitis - Aseptic	-	-	3	-	2	3	4	3	<b>24</b>
	Meningitis - Bacterial Other	1	-	-	-	-	3	-	1	<b>5</b>
	Meningococcal Disease	-	-	-	-	-	-	-	-	-
	Streptococcus pneumoniae, Inv	2	1	3	2	4	6	5	8	<b>15</b>
	Meningitis Subtotal	3	1	6	2	6	12	9	12	<b>44</b>
<b>Other</b>	Anthrax	-	-	-	-	-	-	-	-	-
	Blastomycosis	-	-	-	-	-	-	1	-	<b>2</b>
	Botulism - Infant	-	-	-	-	-	-	-	-	-
	Botulism - Other	-	-	-	-	-	-	-	-	-
	Brucellosis	-	-	-	-	-	-	-	-	-
	Cholera	-	-	-	-	-	-	-	-	-
	Coccidioidomycosis	-	-	-	-	1	-	2	-	<b>3</b>
	Creutzfeldt-Jakob Disease	-	-	-	-	-	-	-	-	-
	Cryptococcosis	-	-	-	-	-	-	-	-	-
	Cyclosporiasis	-	-	-	-	-	-	-	-	-
	Encephalitis, Post Chickenpox	-	-	-	-	-	-	-	-	-
	Encephalitis, Post Mumps	-	-	-	-	-	-	-	-	-
	Encephalitis, Post Other	-	-	-	-	-	-	-	-	-
	Encephalitis, Primary	-	-	-	-	-	-	-	-	<b>1</b>
	Guillain-Barre Syndrome	-	-	-	-	3	-	-	-	-
	Hantavirus	-	-	-	-	-	-	-	-	-
	Hantavirus, Other	-	-	-	-	-	-	-	-	-
	Hantavirus, Pulmonary	-	-	-	-	-	-	-	-	-
	Hemolytic Uremic Syndrome	-	-	-	-	-	1	-	-	-
	Hemorrhagic Fever	-	-	-	-	-	-	-	-	-
	Hepatitis - Unspecified	-	-	-	-	-	-	-	-	-
	Histoplasmosis	1	1	1	1	4	6	2	4	<b>11</b>
	Kawasaki	-	-	-	-	-	-	1	-	<b>1</b>
	Legionellosis	-	-	-	-	-	1	1	-	<b>4</b>
	Leprosy	-	-	-	-	-	-	-	-	-
	Leptospirosis	-	-	-	-	-	-	-	-	-
	Melioidosis	-	-	-	-	-	-	-	-	-
	Plague	-	-	-	-	-	-	-	-	-
	Psittacosis	-	-	-	-	-	-	-	-	-
	Q Fever Acute	-	-	-	-	1	-	-	-	-
	Q Fever Chronic	-	-	-	-	-	-	-	-	-
	Rabies Animal	-	-	-	-	-	-	-	-	-
	Rabies Human	-	-	-	-	-	-	-	-	-
	Reye Syndrome	-	-	-	-	-	-	-	-	-
Rheumatic Fever	-	-	-	-	-	-	-	-	-	
Rubella - Congenital	-	-	-	-	-	-	-	-	-	
Streptococcus pneumoniae, Drug Resistant	-	-	-	-	1	2	-	-	<b>1</b>	
<b>Streptococcal Dis, Inv, Grp A</b>	-	1	3	2	3	4	3	6	<b>9</b>	
Streptococcal Toxic Shock	-	-	-	-	-	2	-	-	-	

<b>Reportable conditions that are <i>bolded</i> have an accompanying graph at the end of the monthly section.</b>										
Disease Group	Reportable Condition	Cases Reported in Last 4 Months**				Year Total Through April				Year End
		Jan-15	Feb-15	Mar-15	Apr-15	2012	2013	2014	2015	2014
<b>Other</b>	Toxic Shock	-	-	-	-	1	-	-	-	-
	Trachoma	-	-	-	-	-	-	-	-	-
	Trichinosis	-	-	-	-	-	-	-	-	-
	Tularemia	-	-	-	-	-	-	-	-	-
	Vibriosis - Non Cholera	-	-	-	-	-	-	1	-	2
	VISA	-	-	-	-	-	-	-	-	-
	VRSA	-	-	-	-	-	-	-	-	-
	Other Subtotal	1	2	4	3	14	16	11	10	34
<b>STD</b>	Chancroid	-	-	-	-	-	-	-	-	-
	Chlamydia (Genital)	62	60	73	53	258	251	194	248	712
	Gonorrhea	3	7	9	8	22	34	28	27	82
	Granuloma Inguinale	-	-	-	-	-	-	-	-	-
	Lymphogranuloma venereum	-	-	-	-	-	-	-	-	-
	Primary & Secondary Syphilis	-	-	-	-	-	-	1	-	5
	All Syphilis	1	-	-	-	-	-	2	1	8
	STD Subtotal	66	67	82	61	280	285	224	276	802
<b>Tuberculosis</b>	Tuberculosis	-	1	-	-	-	1	-	1	3
	Mycobacterium - Other	3	1	1	2	1	4	6	7	23
	Tuberculosis Subtotal	3	2	1	2	1	5	6	8	26
<b>VPD</b>	Chickenpox (Varicella)	1	3	-	1	10	4	6	5	28
	Diphtheria	-	-	-	-	-	-	-	-	-
	<b>H. influenzae Disease - Inv.</b>	1	-	-	-	-	-	2	1	3
	Measles	-	-	-	-	-	-	-	-	-
	Mumps	-	-	-	-	-	-	-	-	-
	Pertussis	3	3	1	-	16	3	10	7	41
	Polio	-	-	-	-	-	-	-	-	-
	Rubella	-	-	-	-	-	-	-	-	-
	Shingles	-	-	2	1	5	1	3	3	10
	Tetanus	-	-	-	-	-	-	-	-	-
	VZ Infection, Unspecified	1	-	-	1	-	1	-	2	2
	VPD Subtotal	6	6	3	3	31	9	21	18	84
<b>Vectorborne</b>	Babesiosis	-	-	-	-	-	-	-	-	-
	Chikungunya	-	-	-	-	-	-	-	-	-
	Dengue Fever	-	-	-	-	-	-	-	-	-
	Ehrlichiosis	-	-	-	-	-	-	-	-	-
	Encephalitis, California	-	-	-	-	-	-	-	-	-
	Encephalitis, Eastern Equine	-	-	-	-	-	-	-	-	-
	Encephalitis, Powassan	-	-	-	-	-	-	-	-	-
	Encephalitis, St. Louis	-	-	-	-	-	-	-	-	-
	Encephalitis, Western Equine	-	-	-	-	-	-	-	-	-
	Lyme Disease	-	1	-	-	2	-	1	1	4
	Malaria	-	-	-	-	-	-	-	-	1
	Rickettsial Disease - Spotted Fever	-	-	-	-	-	-	-	-	-
	Rickettsial Disease - Typhus	-	-	-	-	-	-	-	-	-
	West Nile Virus	-	-	-	-	-	-	-	-	-
	Yellow Fever	-	-	-	-	-	-	-	-	-
Vectorborne Subtotal	-	1	-	-	2	-	1	1	5	
<b>Viral Hepatitis</b>	Hepatitis A	-	-	-	-	-	-	-	-	-
	Hepatitis B, Acute	-	-	-	1	-	-	-	1	-
	Hepatitis B, Chronic	-	1	1	-	5	5	6	2	10
	Hepatitis B, Perinatal	-	-	-	-	-	-	-	-	-
	Hepatitis C, Acute	-	-	-	-	-	-	-	-	1
	Hepatitis C, Chronic	9	4	11	3	18	18	17	27	59
	Hepatitis C, Unknown*	-	-	-	-	-	-	-	-	-
	Hepatitis D	-	-	-	-	-	-	-	-	-
	Hepatitis E	-	-	-	-	-	-	-	-	-
	Hepatitis Non A Non B	-	-	-	-	-	-	-	-	-
Viral Hepatitis Subtotal	9	5	12	4	23	23	23	30	70	
<b>Total</b>		5,265	4,448	4,102	<b>2,192</b>	13,243	17,967	10,875	<b>16,007</b>	<b>29,593</b>

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

\*\*Data for cases reported is based on date of symptom onset, if available, or date of referral to the public health department.

\*\*\*The Ottawa County Department of Public Health began reporting outbreak aggregate counts of these diseases to the MDSS in 2015.



## May 2015

Reportable conditions that are **bolded** have an accompanying graph at the end of the monthly section.

Disease Group	Reportable Condition	Cases Reported in Last 4 Months**				Year Total Through May				Year End
		Feb-15	Mar-15	Apr-15	May-15	2012	2013	2014	2015	2014
<b>Foodborne</b>	Amebiasis	-	-	-	-	-	-	1	-	3
	Botulism - Foodborne	-	-	-	-	-	-	-	-	-
	Campylobacter	4	6	4	<b>6</b>	31	27	13	<b>27</b>	<b>45</b>
	Cryptosporidiosis	-	2	3	-	1	2	5	<b>6</b>	<b>11</b>
	Giardiasis	-	2	1	-	13	6	7	<b>3</b>	<b>17</b>
	Listeriosis	-	-	-	-	-	-	-	-	-
	Norovirus***	-	-	-	-	6	2	11	<b>69</b>	<b>20</b>
	<b>Salmonellosis</b>	1	1	3	<b>2</b>	7	13	14	<b>9</b>	<b>34</b>
	<b>Shiga toxin-producing Escherichia coli --(STEC)</b>	-	-	1	<b>1</b>	2	3	3	<b>2</b>	<b>8</b>
	Shigellosis	-	-	-	<b>2</b>	1	2	-	<b>3</b>	<b>3</b>
	Typhoid Fever	-	-	-	-	-	-	-	-	-
	Yersinia enteritis	-	-	-	-	1	-	-	<b>1</b>	<b>2</b>
Foodborne Subtotal		5	11	12	<b>11</b>	62	55	54	<b>120</b>	<b>143</b>
<b>Influenza</b>	Flu Like Disease* ***	4,426	4,065	2,165	<b>2,964</b>	15,558	20,538	13,598	<b>18,779</b>	<b>29,139</b>
	Influenza	-	-	1	-	9	32	13	<b>4</b>	<b>48</b>
	Influenza, Novel	-	-	-	-	-	-	-	-	-
	Influenza Subtotal	4,426	4,065	2,166	<b>2,964</b>	15,567	20,570	13,611	<b>18,783</b>	<b>29,187</b>
<b>Meningitis</b>	Meningitis - Aseptic	-	3	-	-	2	3	7	<b>3</b>	<b>24</b>
	Meningitis - Bacterial Other	-	-	-	<b>4</b>	-	3	2	<b>5</b>	<b>5</b>
	Meningococcal Disease	-	-	-	-	-	-	-	-	-
	Streptococcus pneumoniae, Inv	1	3	2	-	6	7	7	<b>8</b>	<b>15</b>
	Meningitis Subtotal	1	6	2	<b>4</b>	8	13	16	<b>16</b>	<b>44</b>
<b>Other</b>	Anthrax	-	-	-	-	-	-	-	-	-
	Blastomycosis	-	-	-	-	-	-	1	-	<b>2</b>
	Botulism - Infant	-	-	-	-	-	-	-	-	-
	Botulism - Other	-	-	-	-	-	-	-	-	-
	Brucellosis	-	-	-	-	-	-	-	-	-
	Cholera	-	-	-	-	-	-	-	-	-
	Coccidioidomycosis	-	-	-	-	1	-	2	-	<b>3</b>
	Creutzfeldt-Jakob Disease	-	-	-	-	-	-	-	-	-
	Cryptococcosis	-	-	-	-	-	-	-	-	-
	Cyclosporiasis	-	-	-	-	-	-	-	-	-
	Encephalitis, Post Chickenpox	-	-	-	-	-	-	-	-	-
	Encephalitis, Post Mumps	-	-	-	-	-	-	-	-	-
	Encephalitis, Post Other	-	-	-	-	-	-	-	-	-
	Encephalitis, Primary	-	-	-	-	-	-	-	-	<b>1</b>
	Guillain-Barre Syndrome	-	-	-	-	3	-	-	-	-
	Hantavirus	-	-	-	-	-	-	-	-	-
	Hantavirus, Other	-	-	-	-	-	-	-	-	-
	Hantavirus, Pulmonary	-	-	-	-	-	-	-	-	-
	Hemolytic Uremic Syndrome	-	-	-	-	-	1	-	-	-
	Hemorrhagic Fever	-	-	-	-	-	-	-	-	-
	Hepatitis - Unspecified	-	-	-	-	-	-	-	-	-
	Histoplasmosis	1	1	1	<b>1</b>	6	7	2	<b>5</b>	<b>11</b>
	Kawasaki	-	-	-	-	-	-	1	-	<b>1</b>
	Legionellosis	-	-	-	-	-	1	1	-	<b>4</b>
	Leprosy	-	-	-	-	-	-	-	-	-
	Leptospirosis	-	-	-	-	-	-	-	-	-
	Melioidosis	-	-	-	-	-	-	-	-	-
	Plague	-	-	-	-	-	-	-	-	-
	Psittacosis	-	-	-	-	-	-	-	-	-
	Q Fever Acute	-	-	-	-	1	-	-	-	-
	Q Fever Chronic	-	-	-	-	-	-	-	-	-
	Rabies Animal	-	-	-	-	-	-	-	-	-
	Rabies Human	-	-	-	-	-	-	-	-	-
	Reye Syndrome	-	-	-	-	-	-	-	-	-
	Rheumatic Fever	-	-	-	-	-	-	-	-	-
	Rubella - Congenital	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Drug Resistant	-	-	-	-	2	2	-	-	<b>1</b>	
Streptococcal Dis, Inv, Grp A	1	3	2	<b>2</b>	4	5	4	<b>8</b>	<b>9</b>	
Streptococcal Toxic Shock	-	-	-	-	-	2	-	-	-	

Reportable conditions that are **bolded** have an accompanying graph at the end of the monthly section.

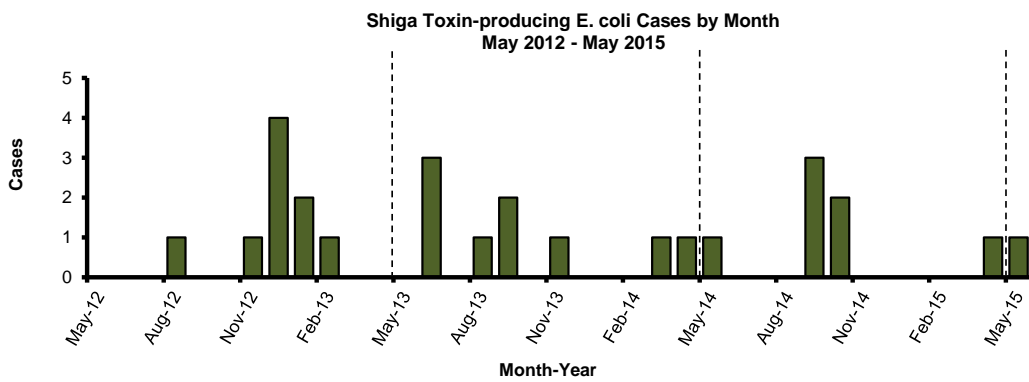
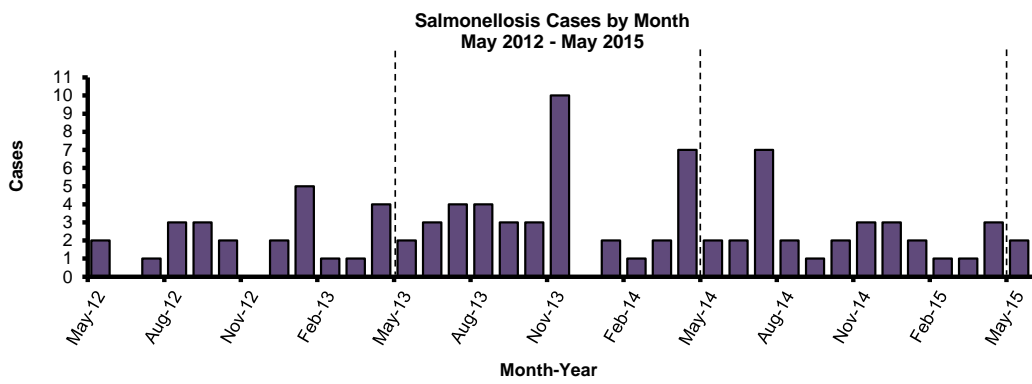
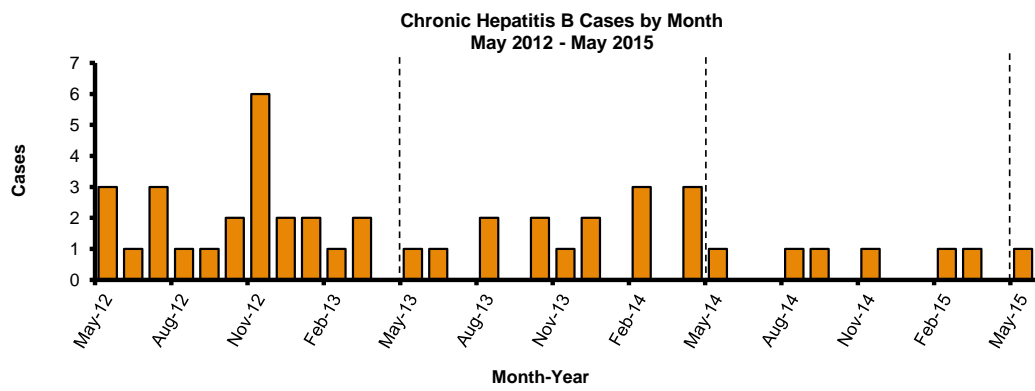
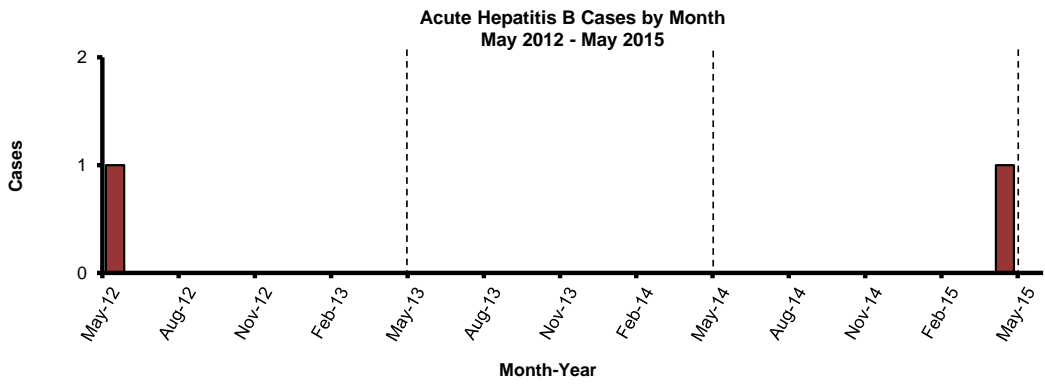
Disease Group	Reportable Condition	Cases Reported in Last 4 Months**				Year Total Through May				Year End
		Feb-15	Mar-15	Apr-15	May-15	2012	2013	2014	2015	2014
<b>Other</b>	Toxic Shock	-	-	-	-	1	-	-	-	-
	Trachoma	-	-	-	-	-	-	-	-	-
	Trichinosis	-	-	-	-	-	-	-	-	-
	Tularemia	-	-	-	-	-	-	-	-	-
	Vibriosis - Non Cholera	-	-	-	-	-	-	1	-	2
	VISA	-	-	-	-	-	-	-	-	-
	VRSA	-	-	-	-	-	-	-	-	-
	Other Subtotal	2	4	3	3	18	18	12	13	34
<b>STD</b>	Chancroid	-	-	-	-	-	-	-	-	-
	Chlamydia (Genital)	60	73	53	56	319	318	263	304	712
	Gonorrhea	7	9	8	5	26	42	30	32	82
	Granuloma Inguinale	-	-	-	-	-	-	-	-	-
	Lymphogranuloma venereum	-	-	-	-	-	-	-	-	-
	Primary & Secondary Syphilis	-	-	-	2	-	-	1	2	5
	All Syphilis	-	-	-	2	-	-	2	3	8
	STD Subtotal	67	82	61	63	345	360	295	339	802
<b>Tuberculosis</b>	Tuberculosis	1	-	-	-	-	1	1	1	3
	Mycobacterium - Other	1	1	2	-	3	4	10	7	23
	Tuberculosis Subtotal	2	1	2	-	3	5	11	8	26
<b>VPD</b>	Chickenpox (Varicella)	3	-	1	3	11	7	8	8	28
	Diphtheria	-	-	-	-	-	-	-	-	-
	<b>H. influenzae Disease - Inv.</b>	-	-	-	3	-	-	2	4	3
	Measles	-	-	-	-	-	-	-	-	-
	Mumps	-	-	-	-	-	-	-	-	-
	Pertussis	3	1	-	1	29	16	10	8	41
	Polio	-	-	-	-	-	-	-	-	-
	Rubella	-	-	-	-	-	-	-	-	-
	Shingles	-	2	1	5	5	1	3	8	10
	Tetanus	-	-	-	-	-	-	-	-	-
	VZ Infection, Unspecified	-	-	1	-	-	2	-	2	2
	VPD Subtotal	6	3	3	12	45	26	23	30	84
<b>Vectorborne</b>	Babesiosis	-	-	-	-	-	-	-	-	-
	Chikungunya	-	-	-	-	-	-	-	-	-
	Dengue Fever	-	-	-	-	-	-	-	-	-
	Ehrlichiosis	-	-	-	-	-	-	-	-	-
	Encephalitis, California	-	-	-	-	-	-	-	-	-
	Encephalitis, Eastern Equine	-	-	-	-	-	-	-	-	-
	Encephalitis, Powassan	-	-	-	-	-	-	-	-	-
	Encephalitis, St. Louis	-	-	-	-	-	-	-	-	-
	Encephalitis, Western Equine	-	-	-	-	-	-	-	-	-
	Lyme Disease	1	-	-	1	3	-	1	2	4
	Malaria	-	-	-	-	-	-	-	-	1
	Rickettsial Disease - Spotted Fever	-	-	-	1	-	-	-	1	-
	Rickettsial Disease - Typhus	-	-	-	-	-	-	-	-	-
	West Nile Virus	-	-	-	-	-	-	-	-	-
	Yellow Fever	-	-	-	-	-	-	-	-	-
Vectorborne Subtotal	1	-	-	2	3	-	1	3	5	
<b>Viral Hepatitis</b>	Hepatitis A	-	-	-	-	-	-	-	-	-
	<b>Hepatitis B, Acute</b>	-	-	1	-	1	-	-	1	-
	<b>Hepatitis B, Chronic</b>	1	1	-	1	8	6	7	3	10
	Hepatitis B, Perinatal	-	-	-	-	-	-	-	-	-
	Hepatitis C, Acute	-	-	-	1	-	-	-	1	1
	Hepatitis C, Chronic	4	11	3	6	21	24	24	33	59
	Hepatitis C, Unknown*	-	-	-	-	-	-	-	-	-
	Hepatitis D	-	-	-	-	-	-	-	-	-
	Hepatitis E	-	-	-	-	-	-	-	-	-
	Hepatitis Non A Non B	-	-	-	-	-	-	-	-	-
Viral Hepatitis Subtotal	5	12	4	8	30	30	31	38	70	
<b>Total</b>		4,448	4,102	2,192	3,004	15,736	20,717	13,759	19,011	29,593

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

\*\*Data for cases reported is based on date of symptom onset, if available, or date of referral to the public health department.

\*\*\*The Ottawa County Department of Public Health began reporting outbreak aggregate counts of these diseases to the MDSS in 2015.





## June 2015

Reportable conditions that are **bolded** have an accompanying graph at the end of the monthly section.

Disease Group	Reportable Condition	Cases Reported in Last 4 Months**				Year Total Through June				Year End
		Mar-15	Apr-15	May-15	Jun-15	2012	2013	2014	2015	2014
<b>Foodborne</b>	Amebiasis	-	-	-	-	-	-	1	-	3
	Botulism - Foodborne	-	-	-	-	-	-	-	-	-
	Campylobacter	6	4	6	9	38	35	17	36	45
	Cryptosporidiosis	2	3	-	-	2	2	6	6	11
	Giardiasis	2	1	-	-	19	7	8	3	17
	Listeriosis	-	-	-	-	-	-	-	-	-
	Norovirus***	-	-	-	11	6	2	11	80	20
	Salmonellosis	1	3	2	-	7	16	16	9	34
	Shiga toxin-producing Escherichia coli --(STEC)	-	1	1	2	2	6	3	4	8
	Shigellosis	-	-	2	1	1	5	-	4	3
	Typhoid Fever	-	-	-	-	-	-	-	-	-
	Yersinia enteritis	-	-	-	-	1	-	-	1	2
<b>Foodborne Subtotal</b>		11	12	11	23	76	73	62	143	143
<b>Influenza</b>	Flu Like Disease* ***	4,065	2,165	2,964	344	16,137	20,935	14,124	19,123	29,139
	Influenza	-	1	-	-	9	33	13	4	48
	Influenza, Novel	-	-	-	-	-	-	-	-	-
	<b>Influenza Subtotal</b>	4,065	2,166	2,964	344	16,146	20,968	14,137	19,127	29,187
<b>Meningitis</b>	Meningitis - Aseptic	3	-	-	1	2	3	9	4	24
	Meningitis - Bacterial Other	-	-	4	-	-	3	3	5	5
	Meningococcal Disease	-	-	-	-	-	-	-	-	-
	Streptococcus pneumoniae, Inv	3	2	-	-	6	9	9	8	15
	<b>Meningitis Subtotal</b>	6	2	4	1	8	15	21	17	44
<b>Other</b>	Anthrax	-	-	-	-	-	-	-	-	-
	Blastomycosis	-	-	-	-	-	-	1	-	2
	Botulism - Infant	-	-	-	-	-	-	-	-	-
	Botulism - Other	-	-	-	-	-	-	-	-	-
	Brucellosis	-	-	-	-	-	-	-	-	-
	Cholera	-	-	-	-	-	-	-	-	-
	Coccidioidomycosis	-	-	-	-	1	-	3	-	3
	Creutzfeldt-Jakob Disease	-	-	-	-	-	-	-	-	-
	Cryptococcosis	-	-	-	-	-	-	-	-	-
	Cyclosporiasis	-	-	-	-	-	-	-	-	-
	Encephalitis, Post Chickenpox	-	-	-	-	-	-	-	-	-
	Encephalitis, Post Mumps	-	-	-	-	-	-	-	-	-
	Encephalitis, Post Other	-	-	-	-	-	-	-	-	-
	Encephalitis, Primary	-	-	-	-	-	-	-	-	1
	Guillain-Barre Syndrome	-	-	-	-	3	-	-	-	-
	Hantavirus	-	-	-	-	-	-	-	-	-
	Hantavirus, Other	-	-	-	-	-	-	-	-	-
	Hantavirus, Pulmonary	-	-	-	-	-	-	-	-	-
	Hemolytic Uremic Syndrome	-	-	-	-	-	1	-	-	-
	Hemorrhagic Fever	-	-	-	-	-	-	-	-	-
	Hepatitis - Unspecified	-	-	-	-	-	-	-	-	-
	Histoplasmosis	1	1	1	1	6	10	3	6	11
	Kawasaki	-	-	-	-	-	-	1	-	1
	Legionellosis	-	-	-	-	-	1	1	-	4
	Leprosy	-	-	-	-	-	-	-	-	-
	Leptospirosis	-	-	-	-	-	-	-	-	-
	Melioidosis	-	-	-	-	-	-	-	-	-
	Plague	-	-	-	-	-	-	-	-	-
	Psittacosis	-	-	-	-	-	-	-	-	-
	Q Fever Acute	-	-	-	-	1	-	-	-	-
	Q Fever Chronic	-	-	-	-	-	-	-	-	-
	<b>Rabies Animal</b>		-	-	-	1	-	-	-	1
	Rabies Human	-	-	-	-	-	-	-	-	-
	Reye Syndrome	-	-	-	-	-	-	-	-	-
Rheumatic Fever	-	-	-	-	-	-	-	-	-	
Rubella - Congenital	-	-	-	-	-	-	-	-	-	
Streptococcus pneumoniae, Drug Resistant	-	-	-	-	3	3	1	-	1	
Streptococcal Dis, Inv, Grp A	3	2	2	-	5	5	5	8	9	
Streptococcal Toxic Shock	-	-	-	-	-	2	-	-	-	

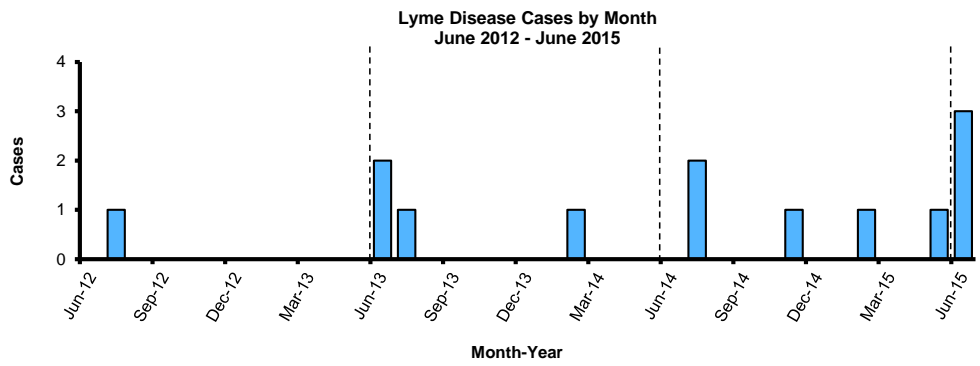
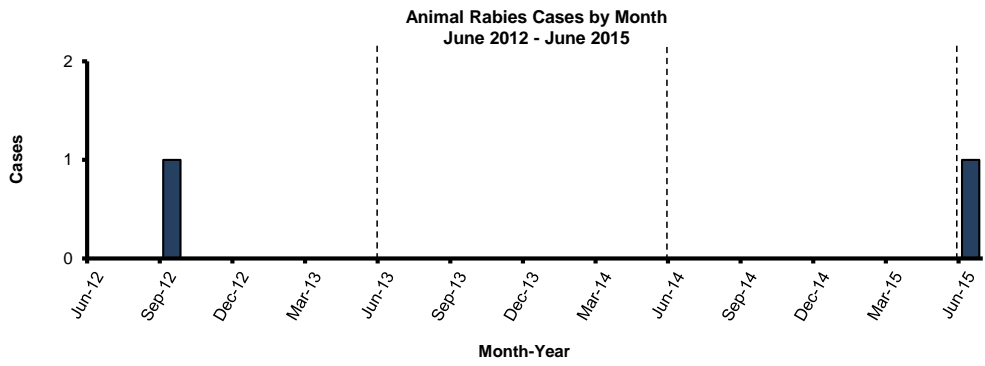
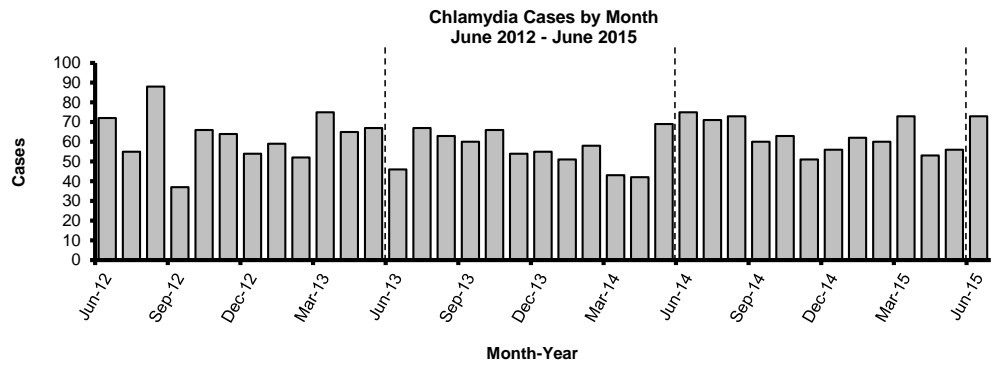
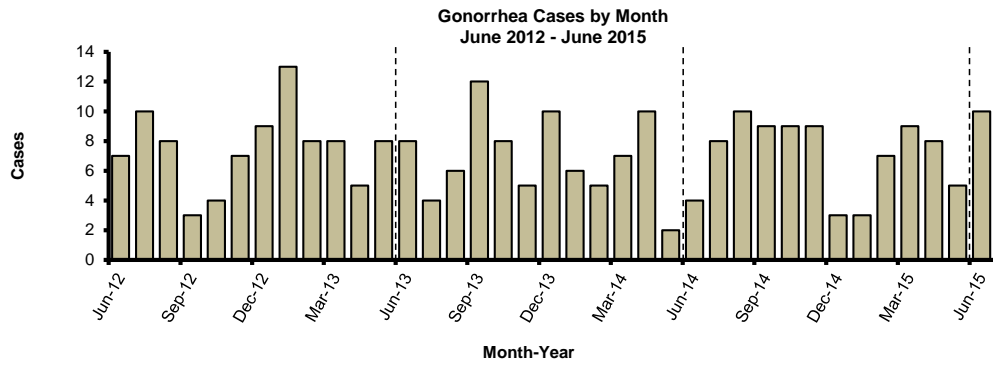
Reportable conditions that are **bolded** have an accompanying graph at the end of the monthly section.

Disease Group	Reportable Condition	Cases Reported in Last 4 Months**				Year Total Through June				Year End
		Mar-15	Apr-15	May-15	Jun-15	2012	2013	2014	2015	2014
<b>Other</b>	Toxic Shock	-	-	-	-	1	-	-	-	-
	Trachoma	-	-	-	-	-	-	-	-	-
	Trichinosis	-	-	-	-	-	-	-	-	-
	Tularemia	-	-	-	-	-	-	-	-	-
	Vibriosis - Non Cholera	-	-	-	-	-	-	1	-	2
	VISA	-	-	-	-	-	-	-	-	-
	VRSA	-	-	-	-	-	-	-	-	-
	Other Subtotal	4	3	3	2	20	22	16	15	34
<b>STD</b>	Chancroid	-	-	-	-	-	-	-	-	-
	<b>Chlamydia (Genital)</b>	73	53	56	73	391	364	338	377	712
	<b>Gonorrhea</b>	9	8	5	10	33	50	34	42	82
	Granuloma Inguinale	-	-	-	-	-	-	-	-	-
	Lymphogranuloma venereum	-	-	-	-	-	-	-	-	-
	Primary & Secondary Syphilis	-	-	2	-	-	-	1	2	5
	All Syphilis	-	-	2	-	-	-	2	3	8
	STD Subtotal	82	61	63	83	424	414	374	422	802
<b>Tuberculosis</b>	Tuberculosis	-	-	-	-	-	1	1	1	3
	Mycobacterium - Other	1	2	-	5	5	4	13	12	23
	Tuberculosis Subtotal	1	2	-	5	5	5	14	13	26
<b>VPD</b>	Chickenpox (Varicella)	-	1	3	1	13	7	11	9	28
	Diphtheria	-	-	-	-	-	-	-	-	-
	<b>H. influenzae Disease - Inv.</b>	-	-	3	-	-	-	2	4	3
	Measles	-	-	-	-	-	-	-	-	-
	Mumps	-	-	-	-	-	-	-	-	-
	Pertussis	1	-	1	-	36	25	12	8	41
	Polio	-	-	-	-	-	-	-	-	-
	Rubella	-	-	-	-	-	-	-	-	-
	Shingles	2	1	5	1	5	2	4	9	10
	Tetanus	-	-	-	-	-	-	-	-	-
	VZ Infection, Unspecified	-	1	-	-	-	2	-	2	2
	VPD Subtotal	3	3	12	2	54	36	29	32	84
<b>Vectorborne</b>	Babesiosis	-	-	-	-	-	-	-	-	-
	Chikungunya	-	-	-	-	-	-	-	-	-
	Dengue Fever	-	-	-	-	-	-	-	-	-
	Ehrlichiosis	-	-	-	-	-	-	-	-	-
	Encephalitis, California	-	-	-	-	-	-	-	-	-
	Encephalitis, Eastern Equine	-	-	-	-	-	-	-	-	-
	Encephalitis, Powassan	-	-	-	-	-	-	-	-	-
	Encephalitis, St. Louis	-	-	-	-	-	-	-	-	-
	Encephalitis, Western Equine	-	-	-	-	-	-	-	-	-
	<b>Lyme Disease</b>	-	-	1	3	3	2	1	5	4
	Malaria	-	-	-	-	-	-	1	-	1
	Rickettsial Disease - Spotted Fever	-	-	1	-	-	-	-	1	-
	Rickettsial Disease - Typhus	-	-	-	-	-	-	-	-	-
	West Nile Virus	-	-	-	-	-	-	-	-	-
	Yellow Fever	-	-	-	-	-	-	-	-	-
Vectorborne Subtotal	-	-	2	3	3	2	2	6	5	
<b>Viral Hepatitis</b>	Hepatitis A	-	-	-	-	-	-	-	-	-
	Hepatitis B, Acute	-	1	-	-	1	-	-	1	-
	Hepatitis B, Chronic	1	-	1	-	9	7	7	3	10
	Hepatitis B, Perinatal	-	-	-	-	-	-	-	-	-
	Hepatitis C, Acute	-	-	1	-	-	-	-	1	1
	Hepatitis C, Chronic	11	3	6	9	28	27	29	42	59
	Hepatitis C, Unknown*	-	-	-	-	-	-	-	-	-
	Hepatitis D	-	-	-	-	-	-	-	-	-
	Hepatitis E	-	-	-	-	-	-	-	-	-
	Hepatitis Non A Non B	-	-	-	-	-	-	-	-	-
Viral Hepatitis Subtotal	12	4	8	9	38	34	36	47	70	
<b>Total</b>	<b>4,102</b>	<b>2,192</b>	<b>3,004</b>	<b>389</b>	<b>16,350</b>	<b>21,155</b>	<b>14,317</b>	<b>19,400</b>	<b>29,593</b>	

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

\*\*Data for cases reported is based on date of symptom onset, if available, or date of referral to the public health department.

\*\*\*The Ottawa County Department of Public Health began reporting outbreak aggregate counts of these diseases to the MDSS in 2015.



## July 2015

Reportable conditions that are <b>bolded</b> have an accompanying graph at the end of the monthly section.										
Disease Group	Reportable Condition	Cases Reported in Last 4 Months**				Year Total Through July				Year End
		Apr-15	May-15	Jun-15	Jul-15	2012	2013	2014	2015	2014
<b>Foodborne</b>	Amebiasis	-	-	-	-	1	-	1	-	3
	Botulism - Foodborne	-	-	-	-	-	-	-	-	-
	Campylobacter	4	6	9	7	44	40	23	43	45
	Cryptosporidiosis	3	-	-	-	2	3	8	6	11
	Giardiasis	1	-	-	-	19	8	10	3	17
	Listeriosis	-	-	-	-	-	-	-	-	-
	Norovirus***	-	-	11	-	6	2	11	80	20
	Salmonellosis	3	2	-	4	8	20	23	13	34
	Shiga toxin-producing Escherichia coli --(STEC)	1	1	2	2	2	6	3	6	8
	Shigellosis	-	2	1	1	1	6	1	5	3
	Typhoid Fever	-	-	-	-	-	-	-	-	-
	Yersinia enteritis	-	-	-	-	1	-	1	1	2
	<b>Foodborne Subtotal</b>		12	11	23	14	84	85	81	157
<b>Influenza</b>	Flu Like Disease* ***	2,165	2,964	344	88	16,221	21,078	14,186	19,211	29,139
	Influenza	1	-	-	-	9	35	13	4	48
	Influenza, Novel	-	-	-	-	-	-	-	-	-
	<b>Influenza Subtotal</b>	2,166	2,964	344	88	16,230	21,113	14,199	19,215	29,187
<b>Meningitis</b>	Meningitis - Aseptic	-	-	1	3	3	9	11	7	24
	Meningitis - Bacterial Other	-	4	-	-	1	4	4	5	5
	Meningococcal Disease	-	-	-	-	-	-	-	-	-
	Streptococcus pneumoniae, Inv	2	-	-	-	6	9	9	8	15
	<b>Meningitis Subtotal</b>	2	4	1	3	10	22	24	20	44
<b>Other</b>	Anthrax	-	-	-	-	-	-	-	-	-
	Blastomycosis	-	-	-	-	-	-	1	-	2
	Botulism - Infant	-	-	-	-	-	-	-	-	-
	Botulism - Other	-	-	-	-	-	-	-	-	-
	Brucellosis	-	-	-	-	-	-	-	-	-
	Cholera	-	-	-	-	-	-	-	-	-
	Coccidioidomycosis	-	-	-	-	1	-	3	-	3
	Creutzfeldt-Jakob Disease	-	-	-	-	-	-	-	-	-
	Cryptococcosis	-	-	-	-	-	-	-	-	-
	Cyclosporiasis	-	-	-	-	-	-	-	-	-
	Encephalitis, Post Chickenpox	-	-	-	-	-	-	-	-	-
	Encephalitis, Post Mumps	-	-	-	-	-	-	-	-	-
	Encephalitis, Post Other	-	-	-	-	-	-	-	-	-
	Encephalitis, Primary	-	-	-	-	-	-	-	-	1
	Guillain-Barre Syndrome	-	-	-	1	3	-	-	1	-
	Hantavirus	-	-	-	-	-	-	-	-	-
	Hantavirus, Other	-	-	-	-	-	-	-	-	-
	Hantavirus, Pulmonary	-	-	-	-	-	-	-	-	-
	Hemolytic Uremic Syndrome	-	-	-	-	-	1	-	-	-
	Hemorrhagic Fever	-	-	-	-	-	-	-	-	-
	Hepatitis - Unspecified	-	-	-	-	-	-	-	-	-
	Histoplasmosis	1	1	1	-	10	11	3	6	11
	Kawasaki	-	-	-	-	-	-	1	-	1
	Legionellosis	-	-	-	-	-	1	1	-	4
	Leprosy	-	-	-	-	-	-	-	-	-
	Leptospirosis	-	-	-	-	-	-	-	-	-
	Melioidosis	-	-	-	-	-	-	-	-	-
	Plague	-	-	-	-	-	-	-	-	-
	Psittacosis	-	-	-	-	-	-	-	-	-
	Q Fever Acute	-	-	-	-	1	-	-	-	-
	Q Fever Chronic	-	-	-	-	-	-	-	-	-
	Rabies Animal	-	-	1	-	-	-	-	1	-
	Rabies Human	-	-	-	-	-	-	-	-	-
Reye Syndrome	-	-	-	-	-	-	-	-	-	
Rheumatic Fever	-	-	-	-	-	-	-	-	-	
Rubella - Congenital	-	-	-	-	-	-	-	-	-	
Streptococcus pneumoniae, Drug Resistant	-	-	-	-	3	3	1	-	1	
Streptococcal Dis, Inv, Grp A	2	2	-	-	6	5	5	8	9	
Streptococcal Toxic Shock	-	-	-	-	1	2	-	-	-	

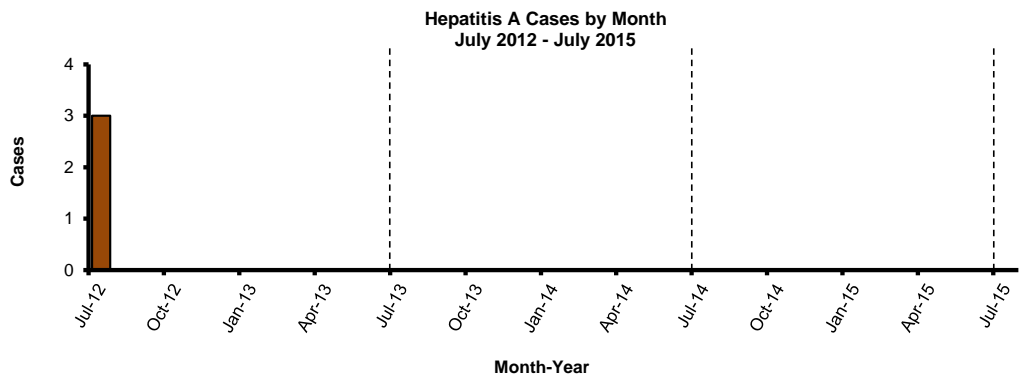
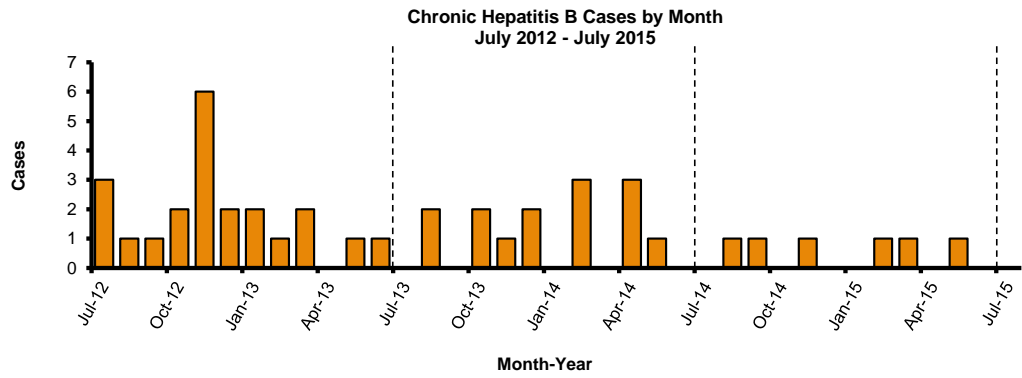
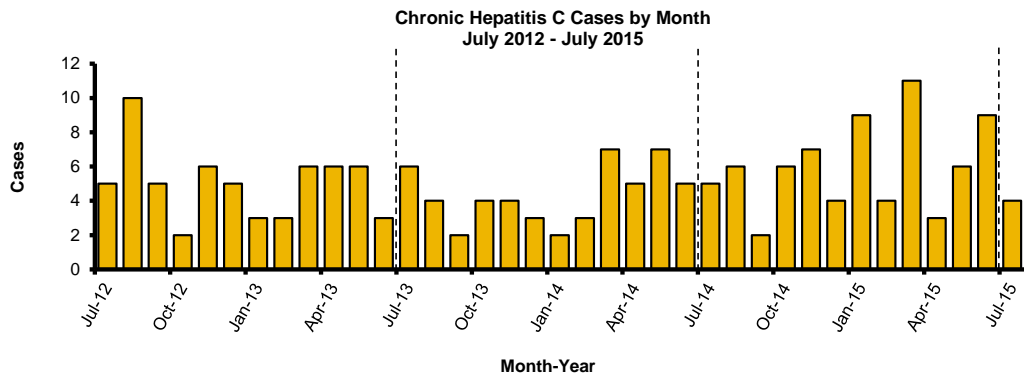
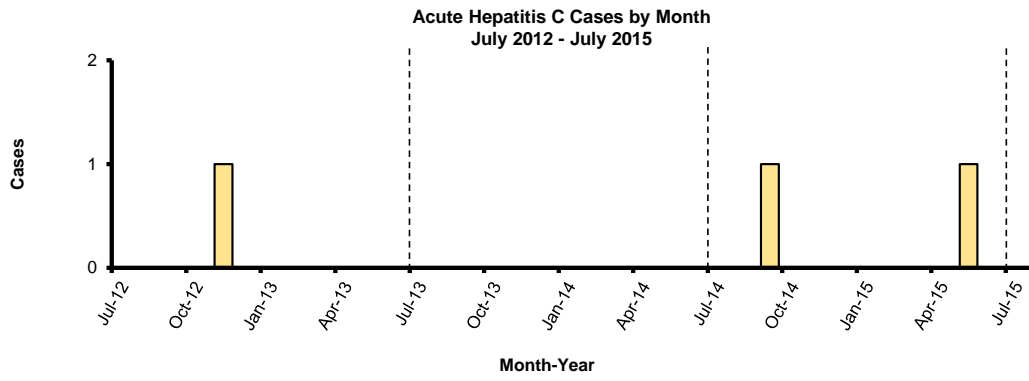
Reportable conditions that are **bolded** have an accompanying graph at the end of the monthly section.

Disease Group	Reportable Condition	Cases Reported in Last 4 Months**				Year Total Through July				Year End
		Apr-15	May-15	Jun-15	Jul-15	2012	2013	2014	2015	2014
<b>Other</b>	Toxic Shock	-	-	-	-	1	-	-	-	-
	Trachoma	-	-	-	-	-	-	-	-	-
	Trichinosis	-	-	-	-	-	-	-	-	-
	Tularemia	-	-	-	-	-	-	-	-	-
	Vibriosis - Non Cholera	-	-	-	-	-	1	1	-	2
	VISA	-	-	-	-	-	-	-	-	-
	VRSA	-	-	-	-	-	-	-	-	-
	Other Subtotal	3	3	2	1	26	24	16	16	34
<b>STD</b>	Chancroid	-	-	-	-	-	-	-	-	-
	Chlamydia (Genital)	53	56	73	<b>81</b>	446	431	409	<b>458</b>	<b>712</b>
	Gonorrhea	8	5	10	<b>8</b>	43	54	42	<b>50</b>	<b>82</b>
	Granuloma Inguinale	-	-	-	-	-	-	-	-	-
	Lymphogranuloma venereum	-	-	-	-	-	-	-	-	-
	Primary & Secondary Syphilis	-	2	-	<b>1</b>	-	-	1	<b>3</b>	<b>5</b>
	All Syphilis	-	2	-	<b>1</b>	-	-	3	<b>4</b>	<b>8</b>
	STD Subtotal	61	63	83	<b>90</b>	489	485	454	<b>512</b>	<b>802</b>
<b>Tuberculosis</b>	Tuberculosis	-	-	-	-	-	1	2	1	3
	Mycobacterium - Other	2	-	5	2	6	6	15	14	23
	Tuberculosis Subtotal	2	-	5	2	6	7	17	15	26
<b>VPD</b>	Chickenpox (Varicella)	1	3	1	-	14	7	12	9	28
	Diphtheria	-	-	-	-	-	-	-	-	-
	<b>H. influenzae Disease - Inv.</b>	-	3	-	-	-	-	2	4	3
	Measles	-	-	-	-	-	-	-	-	-
	Mumps	-	-	-	-	-	-	-	-	-
	Pertussis	-	1	-	7	43	33	13	15	41
	Polio	-	-	-	-	-	-	-	-	-
	Rubella	-	-	-	-	-	-	-	-	-
	Shingles	1	5	1	1	5	2	5	10	10
	Tetanus	-	-	-	-	-	-	-	-	-
	VZ Infection, Unspecified	1	-	-	-	-	2	-	2	2
VPD Subtotal	3	12	2	8	62	44	32	40	84	
<b>Vectorborne</b>	Babesiosis	-	-	-	-	-	-	-	-	-
	Chikungunya	-	-	-	-	-	-	-	-	-
	Dengue Fever	-	-	-	-	-	-	-	-	-
	Ehrlichiosis	-	-	-	-	-	-	-	-	-
	Encephalitis, California	-	-	-	-	-	-	-	-	-
	Encephalitis, Eastern Equine	-	-	-	-	-	-	-	-	-
	Encephalitis, Powassan	-	-	-	-	-	-	-	-	-
	Encephalitis, St. Louis	-	-	-	-	-	-	-	-	-
	Encephalitis, Western Equine	-	-	-	-	-	-	-	-	-
	Lyme Disease	-	1	3	1	4	3	3	6	4
	Malaria	-	-	-	-	-	-	1	-	1
	Rickettsial Disease - Spotted Fever	-	1	-	-	-	-	-	1	-
	Rickettsial Disease - Typhus	-	-	-	-	-	-	-	-	-
	West Nile Virus	-	-	-	-	-	-	-	-	-
Yellow Fever	-	-	-	-	-	-	-	-	-	
Vectorborne Subtotal	-	2	3	1	4	3	4	7	5	
<b>Viral Hepatitis</b>	<b>Hepatitis A</b>	-	-	-	-	3	-	-	-	-
	Hepatitis B, Acute	1	-	-	-	1	-	-	1	-
	<b>Hepatitis B, Chronic</b>	-	1	-	-	12	7	7	3	10
	Hepatitis B, Perinatal	-	-	-	-	-	-	-	-	-
	Hepatitis C, Acute	-	1	-	-	-	-	-	1	1
	<b>Hepatitis C, Chronic</b>	3	6	9	4	33	33	34	46	59
	Hepatitis C, Unknown*	-	-	-	-	-	-	-	-	-
	Hepatitis D	-	-	-	-	-	-	-	-	-
	Hepatitis E	-	-	-	-	-	-	-	-	-
	Hepatitis Non A Non B	-	-	-	-	-	-	-	-	-
Viral Hepatitis Subtotal	4	8	9	4	49	40	41	51	70	
<b>Total</b>		2,192	3,004	389	121	16,471	21,338	14,414	19,521	29,593

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

\*\*Data for cases reported is based on date of symptom onset, if available, or date of referral to the public health department.

\*\*\*The Ottawa County Department of Public Health began reporting outbreak aggregate counts of these diseases to the MDSS in 2015.



## August 2015

Reportable conditions that are **bolded** have an accompanying graph at the end of the monthly section.

Disease Group	Reportable Condition	Cases Reported in Last 4 Months**				Year Total Through August				Year End
		May-15	Jun-15	Jul-15	Aug-15	2012	2013	2014	2015	2014
<b>Foodborne</b>	Amebiasis	-	-	-	-	1	-	2	-	3
	Botulism - Foodborne	-	-	-	-	-	-	-	-	-
	<b>Campylobacter</b>	6	9	7	8	51	47	27	51	45
	<b>Cryptosporidiosis</b>	-	-	-	2	9	5	8	8	11
	<b>Giardiasis</b>	-	-	-	4	22	14	12	7	17
	Listeriosis	-	-	-	-	-	-	-	-	-
	Norovirus***	-	11	-	1	11	2	16	81	20
	Salmonellosis	2	-	4	-	11	24	25	13	34
	Shiga toxin-producing Escherichia coli --(STEC)	1	2	2	1	3	7	3	7	8
	<b>Shigellosis</b>	2	1	1	1	2	6	1	6	3
	Typhoid Fever	-	-	-	-	-	-	-	-	-
	Yersinia enteritis	-	-	-	-	1	-	1	1	2
	Foodborne Subtotal	11	23	14	17	111	105	95	174	143
<b>Influenza</b>	Flu Like Disease* ***	2,964	344	88	83	16,328	21,280	14,273	19,294	29,139
	Influenza	-	-	-	-	9	36	13	4	48
	Influenza, Novel	-	-	-	-	-	-	-	-	-
	Influenza Subtotal	2,964	344	88	83	16,337	21,316	14,286	19,298	29,187
<b>Meningitis</b>	Meningitis - Aseptic	-	1	3	1	8	11	16	8	24
	Meningitis - Bacterial Other	4	-	-	-	1	4	4	5	5
	Meningococcal Disease	-	-	-	-	-	-	-	-	-
	Streptococcus pneumoniae, Inv	-	-	-	-	7	9	9	8	15
	Meningitis Subtotal	4	1	3	1	16	24	29	21	44
<b>Other</b>	Anthrax	-	-	-	-	-	-	-	-	-
	Blastomycosis	-	-	-	-	-	-	1	-	2
	Botulism - Infant	-	-	-	-	-	-	-	-	-
	Botulism - Other	-	-	-	-	-	-	-	-	-
	Brucellosis	-	-	-	-	-	-	-	-	-
	Cholera	-	-	-	-	-	-	-	-	-
	Coccidioidomycosis	-	-	-	-	1	-	3	-	3
	Creutzfeldt-Jakob Disease	-	-	-	-	-	-	-	-	-
	Cryptococcosis	-	-	-	-	-	-	-	-	-
	Cyclosporiasis	-	-	-	-	-	-	-	-	-
	Encephalitis, Post Chickenpox	-	-	-	-	-	-	-	-	-
	Encephalitis, Post Mumps	-	-	-	-	-	-	-	-	-
	Encephalitis, Post Other	-	-	-	-	1	-	-	-	-
	Encephalitis, Primary	-	-	-	-	-	-	-	-	1
	Guillain-Barre Syndrome	-	-	1	-	3	-	-	1	-
	Hantavirus	-	-	-	-	-	-	-	-	-
	Hantavirus, Other	-	-	-	-	-	-	-	-	-
	Hantavirus, Pulmonary	-	-	-	-	-	-	-	-	-
	Hemolytic Uremic Syndrome	-	-	-	-	-	1	-	-	-
	Hemorrhagic Fever	-	-	-	-	-	-	-	-	-
	Hepatitis - Unspecified	-	-	-	-	-	-	-	-	-
	Histoplasmosis	1	1	-	1	11	12	4	7	11
	Kawasaki	-	-	-	1	-	-	1	1	1
	Legionellosis	-	-	-	-	1	1	1	-	4
	Leprosy	-	-	-	-	-	-	-	-	-
	Leptospirosis	-	-	-	-	-	-	-	-	-
	Melioidosis	-	-	-	-	-	-	-	-	-
	Plague	-	-	-	-	-	-	-	-	-
	Psittacosis	-	-	-	-	-	-	-	-	-
	Q Fever Acute	-	-	-	-	1	-	-	-	-
	Q Fever Chronic	-	-	-	-	-	-	-	-	-
	Rabies Animal	-	1	-	-	-	-	-	1	-
	Rabies Human	-	-	-	-	-	-	-	-	-
	Reye Syndrome	-	-	-	-	-	-	-	-	-
	Rheumatic Fever	-	-	-	-	-	-	-	-	-
	Rubella - Congenital	-	-	-	-	-	-	-	-	-
Streptococcus pneumoniae, Drug Resistant	-	-	-	-	4	3	1	-	1	
Streptococcal Dis, Inv, Grp A	2	-	-	1	9	5	6	9	9	
Streptococcal Toxic Shock	-	-	-	-	1	2	-	-	-	



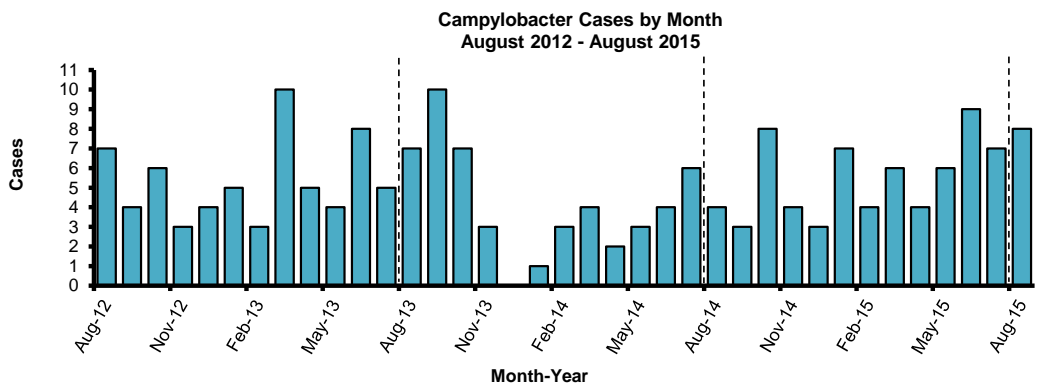
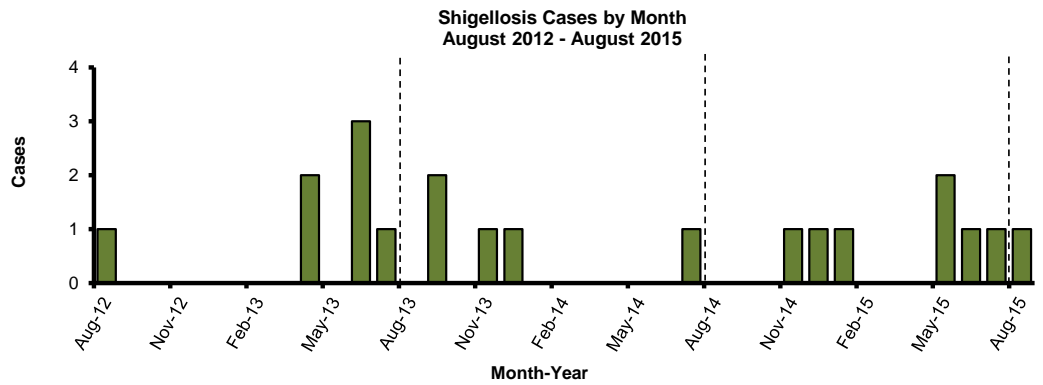
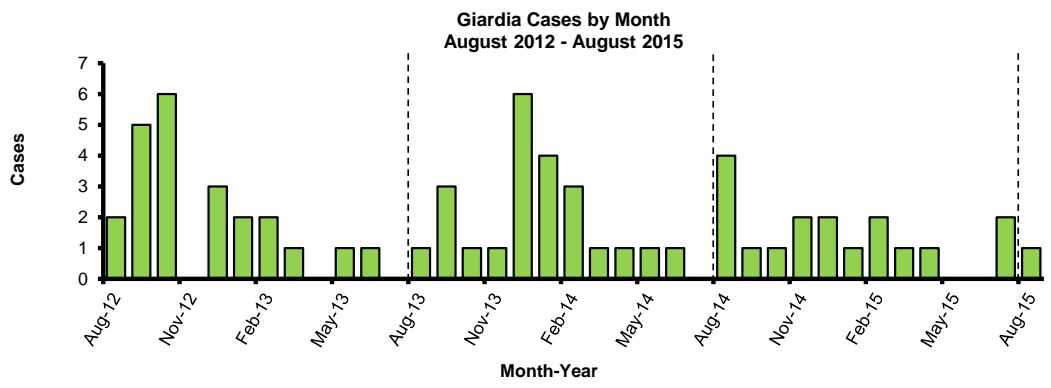
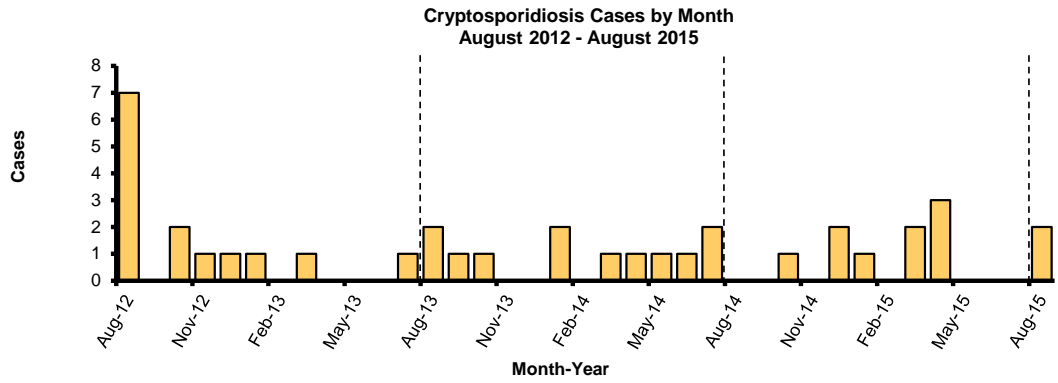
Reportable conditions that are **bolded** have an accompanying graph at the end of the monthly section.

Disease Group	Reportable Condition	Cases Reported in Last 4 Months**				Year Total Through August				Year End
		May-15	Jun-15	Jul-15	Aug-15	2012	2013	2014	2015	2014
<b>Other</b>	Toxic Shock	-	-	-	-	1	-	-	-	-
	Trachoma	-	-	-	-	-	-	-	-	-
	Trichinosis	-	-	-	-	-	-	-	-	-
	Tularemia	-	-	-	-	-	-	-	-	-
	Vibriosis - Non Cholera	-	-	-	-	-	1	1	-	2
	VISA	-	-	-	-	-	-	-	-	-
	VRSA	-	-	-	-	-	-	-	-	-
	Other Subtotal	3	2	1	3	33	25	18	19	34
<b>STD</b>	Chancroid	-	-	-	-	-	-	-	-	-
	Chlamydia (Genital)	56	73	81	61	534	494	482	519	712
	Gonorrhea	5	10	8	6	51	60	52	56	82
	Granuloma Inguinale	-	-	-	-	-	-	-	-	-
	Lymphogranuloma venereum	-	-	-	-	-	-	-	-	-
	Primary & Secondary Syphilis	2	-	1	1	-	-	1	4	5
	All Syphilis	2	-	1	1	-	-	3	5	8
	STD Subtotal	63	83	90	68	585	554	537	580	802
<b>Tuberculosis</b>	Tuberculosis	-	-	-	-	1	2	2	1	3
	Mycobacterium - Other	-	5	2	2	6	10	16	16	23
	Tuberculosis Subtotal	-	5	2	2	7	12	18	17	26
<b>VPD</b>	Chickenpox (Varicella)	3	1	-	1	15	7	13	10	28
	Diphtheria	-	-	-	-	-	-	-	-	-
	<b>H. influenzae Disease - Inv.</b>	3	-	-	-	-	-	2	4	3
	Measles	-	-	-	-	-	-	-	-	-
	Mumps	-	-	-	-	-	-	-	-	-
	Pertussis	1	-	7	2	48	40	16	17	41
	Polio	-	-	-	-	-	-	-	-	-
	Rubella	-	-	-	-	-	-	-	-	-
	Shingles	5	1	1	4	5	2	8	14	10
	Tetanus	-	-	-	-	-	-	-	-	-
	VZ Infection, Unspecified	-	-	-	-	-	3	-	2	2
	VPD Subtotal	12	2	8	7	68	52	39	47	84
<b>Vectorborne</b>	Babesiosis	-	-	-	-	-	-	-	-	-
	Chikungunya	-	-	-	-	-	-	-	-	-
	Dengue Fever	-	-	-	-	-	-	-	-	-
	Ehrlichiosis	-	-	-	-	-	-	-	-	-
	Encephalitis, California	-	-	-	-	-	-	-	-	-
	Encephalitis, Eastern Equine	-	-	-	-	-	-	-	-	-
	Encephalitis, Powassan	-	-	-	-	-	-	-	-	-
	Encephalitis, St. Louis	-	-	-	-	-	-	-	-	-
	Encephalitis, Western Equine	-	-	-	-	-	-	-	-	-
	Lyme Disease	1	3	1	2	4	3	3	8	4
	Malaria	-	-	-	-	-	-	1	-	1
	Rickettsial Disease - Spotted Fever	1	-	-	-	-	-	-	1	-
	Rickettsial Disease - Typhus	-	-	-	-	-	-	-	-	-
	West Nile Virus	-	-	-	1	1	-	-	1	-
Yellow Fever	-	-	-	-	-	-	-	-	-	
Vectorborne Subtotal	2	3	1	3	5	3	4	10	5	
<b>Viral Hepatitis</b>	Hepatitis A	-	-	-	-	3	-	-	-	-
	Hepatitis B, Acute	-	-	-	-	1	-	-	1	-
	Hepatitis B, Chronic	1	-	-	1	13	9	8	4	10
	Hepatitis B, Perinatal	-	-	-	-	-	1	-	-	-
	Hepatitis C, Acute	1	-	-	-	-	-	-	1	1
	Hepatitis C, Chronic	6	9	4	5	43	37	40	51	59
	Hepatitis C, Unknown*	-	-	-	-	-	-	-	-	-
	Hepatitis D	-	-	-	-	-	-	-	-	-
	Hepatitis E	-	-	-	-	-	-	-	-	-
	Hepatitis Non A Non B	-	-	-	-	-	-	-	-	-
Viral Hepatitis Subtotal	8	9	4	6	60	47	48	57	70	
<b>Total</b>		3,004	389	121	122	16,637	21,584	14,537	19,643	29,593

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

\*\*Data for cases reported is based on date of symptom onset, if available, or date of referral to the public health department.

\*\*\*The Ottawa County Department of Public Health began reporting outbreak aggregate counts of these diseases to the MDSS in 2015.



# September 2015

Reportable conditions that are **bolded** have an accompanying graph at the end of the monthly section.

Disease Group	Reportable Condition	Cases Reported in Last 4 Months**				Year Total Through September				Year End	
		Jun-15	Jul-15	Aug-15	Sep-15	2012	2013	2014	2015	2014	
<b>Foodborne</b>	Amebiasis	-	-	-	-	1	-	2	-	3	
	Botulism - Foodborne	-	-	-	-	-	-	-	-	-	
	Campylobacter	9	7	8	8	55	57	30	59	45	
	Cryptosporidiosis	-	-	2	1	9	6	8	9	11	
	Giardiasis	-	-	4	1	24	18	13	8	17	
	Listeriosis	-	-	-	-	-	-	-	-	-	
	Norovirus***	11	-	1	-	11	2	16	81	20	
	Salmonellosis	-	4	-	2	14	27	26	15	34	
	Shiga toxin-producing Escherichia coli --(STEC)	2	2	1	-	3	9	6	7	8	
	Shigellosis	1	1	1	2	2	8	1	8	3	
	Typhoid Fever	-	-	-	-	-	-	-	-	-	
	Yersinia enteritis	-	-	-	-	1	-	2	1	2	
	<b>Foodborne Subtotal</b>		23	14	17	14	120	127	104	188	143
	<b>Influenza</b>	Flu Like Disease* ***	344	88	83	1,430	18,487	22,926	17,176	20,724	29,139
Influenza		-	-	-	-	9	37	14	4	48	
Influenza, Novel		-	-	-	-	-	-	-	-	-	
<b>Influenza Subtotal</b>		344	88	83	1,430	18,496	22,963	17,190	20,728	29,187	
<b>Meningitis</b>	Meningitis - Aseptic	1	3	1	7	8	14	18	15	24	
	Meningitis - Bacterial Other	-	-	-	-	1	4	4	5	5	
	Meningococcal Disease	-	-	-	-	-	-	-	-	-	
	Streptococcus pneumoniae, Inv	-	-	-	1	7	9	10	9	15	
	<b>Meningitis Subtotal</b>	1	3	1	8	16	27	32	29	44	
<b>Other</b>	Anthrax	-	-	-	-	-	-	-	-	-	
	Blastomycosis	-	-	-	-	-	-	2	-	2	
	Botulism - Infant	-	-	-	-	-	-	-	-	-	
	Botulism - Other	-	-	-	-	-	-	-	-	-	
	Brucellosis	-	-	-	-	-	-	-	-	-	
	Cholera	-	-	-	-	-	-	-	-	-	
	Coccidioidomycosis	-	-	-	1	1	-	3	1	3	
	Creutzfeldt-Jakob Disease	-	-	-	-	-	-	-	-	-	
	Cryptococcosis	-	-	-	-	-	-	-	-	-	
	Cyclosporiasis	-	-	-	-	-	-	-	-	-	
	Encephalitis, Post Chickenpox	-	-	-	-	-	-	-	-	-	
	Encephalitis, Post Mumps	-	-	-	-	-	-	-	-	-	
	Encephalitis, Post Other	-	-	-	-	1	-	-	-	-	
	Encephalitis, Primary	-	-	-	-	-	-	-	-	1	
	Guillain-Barre Syndrome	-	1	-	-	3	-	-	1	-	
	Hantavirus	-	-	-	-	-	-	-	-	-	
	Hantavirus, Other	-	-	-	-	-	-	-	-	-	
	Hantavirus, Pulmonary	-	-	-	-	-	-	-	-	-	
	Hemolytic Uremic Syndrome	-	-	-	-	-	1	-	-	-	
	Hemorrhagic Fever	-	-	-	-	-	-	-	-	-	
	Hepatitis - Unspecified	-	-	-	-	-	-	-	-	-	
	Histoplasmosis	1	-	1	2	11	13	5	9	11	
	Kawasaki	-	-	1	-	-	-	1	1	1	
	<b>Legionellosis</b>	-	-	-	1	1	1	3	1	4	
	Leprosy	-	-	-	-	-	-	-	-	-	
	Leptospirosis	-	-	-	-	-	-	-	-	-	
	Melioidosis	-	-	-	-	-	-	-	-	-	
	Plague	-	-	-	-	-	-	-	-	-	
	Psittacosis	-	-	-	-	-	-	-	-	-	
	Q Fever Acute	-	-	-	-	1	-	-	-	-	
	Q Fever Chronic	-	-	-	-	-	-	-	-	-	
	Rabies Animal	1	-	-	-	1	-	-	1	-	
	Rabies Human	-	-	-	-	-	-	-	-	-	
	Reye Syndrome	-	-	-	-	-	-	-	-	-	
	Rheumatic Fever	-	-	-	-	-	-	-	-	-	
	Rubella - Congenital	-	-	-	-	-	-	-	-	-	
Streptococcus pneumoniae, Drug Resistant	-	-	-	-	4	3	1	-	1		
Streptococcal Dis, Inv, Grp A	-	-	1	1	9	6	8	10	9		
Streptococcal Toxic Shock	-	-	-	-	1	2	-	-	-		

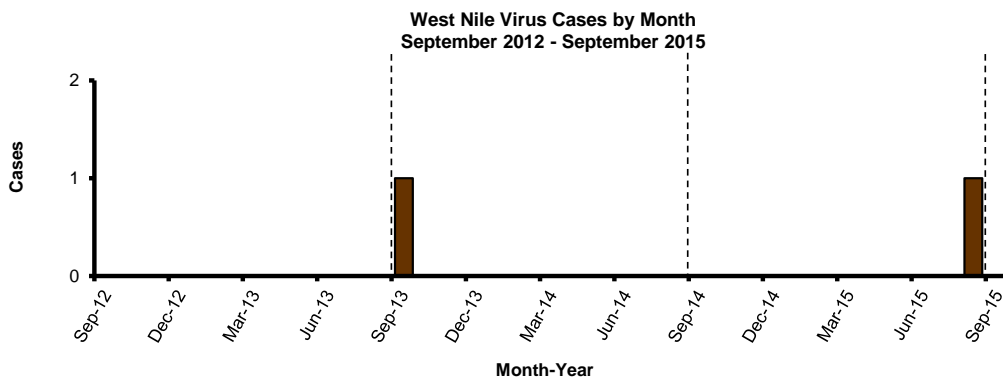
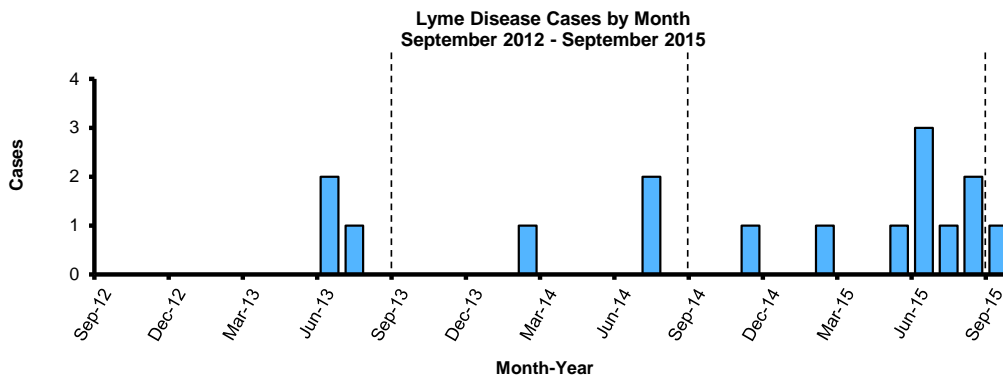
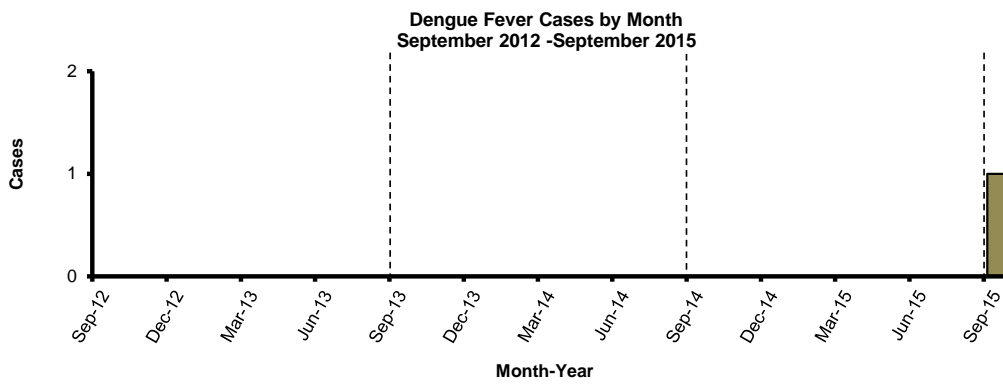
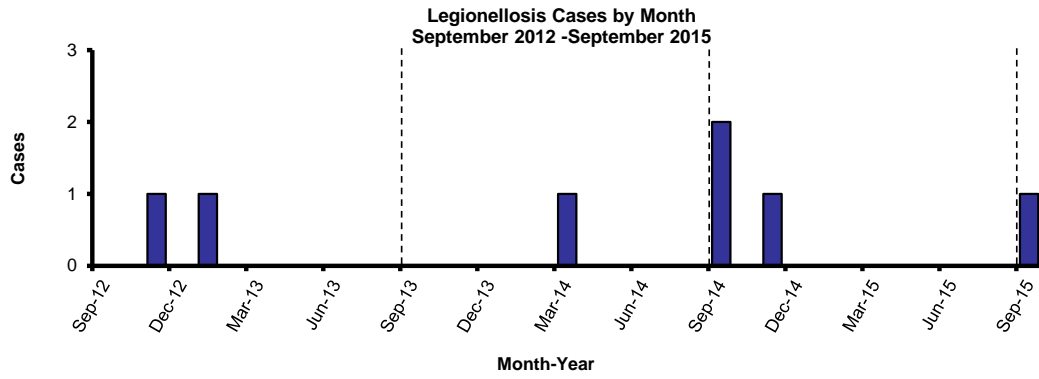
Reportable conditions that are **bolded** have an accompanying graph at the end of the monthly section.

Disease Group	Reportable Condition	Cases Reported in Last 4 Months**				Year Total Through September				Year End
		Jun-15	Jul-15	Aug-15	Sep-15	2012	2013	2014	2015	2014
<b>Other</b>	Toxic Shock	-	-	-	-	1	-	-	-	-
	Trachoma	-	-	-	-	-	-	-	-	-
	Trichinosis	-	-	-	-	-	-	-	-	-
	Tularemia	-	-	-	-	-	-	-	-	-
	Vibriosis - Non Cholera	-	-	-	-	-	1	2	-	2
	VISA	-	-	-	-	-	-	-	-	-
	VRSA	-	-	-	-	-	-	-	-	-
	Other Subtotal	2	1	3	5	34	27	25	24	34
<b>STD</b>	Chancroid	-	-	-	-	-	-	-	-	-
	Chlamydia (Genital)	73	81	61	73	571	554	542	592	712
	Gonorrhoea	10	8	6	6	54	72	61	62	82
	Granuloma Inguinale	-	-	-	-	-	-	-	-	-
	Lymphogranuloma venereum	-	-	-	-	-	-	-	-	-
	Primary & Secondary Syphilis	-	1	1	-	-	-	1	4	5
	All Syphilis	-	1	1	-	-	-	3	5	8
	STD Subtotal	83	90	68	79	625	626	606	659	802
<b>Tuberculosis</b>	Tuberculosis	-	-	-	-	1	2	3	1	3
	Mycobacterium - Other	5	2	2	2	6	11	16	18	23
	Tuberculosis Subtotal	5	2	2	2	7	13	19	19	26
<b>VPD</b>	Chickenpox (Varicella)	1	-	1	1	17	19	15	11	28
	Diphtheria	-	-	-	-	-	-	-	-	-
	<b>H. influenzae Disease - Inv.</b>	-	-	-	1	-	1	2	5	3
	Measles	-	-	-	-	-	-	-	-	-
	Mumps	-	-	-	-	-	-	-	-	-
	Pertussis	-	7	2	1	51	42	20	18	41
	Polio	-	-	-	-	-	-	-	-	-
	Rubella	-	-	-	-	-	-	-	-	-
	Shingles	1	1	4	2	5	2	10	16	10
	Tetanus	-	-	-	-	-	-	-	-	-
	VZ Infection, Unspecified	-	-	-	-	-	3	-	2	2
	VPD Subtotal	2	8	7	5	73	67	47	52	84
<b>Vectorborne</b>	Babesiosis	-	-	-	-	-	-	-	-	-
	Chikungunya	-	-	-	-	-	-	-	-	-
	<b>Dengue Fever</b>	-	-	-	1	-	-	-	1	-
	Ehrlichiosis	-	-	-	-	-	-	-	-	-
	Encephalitis, California	-	-	-	-	-	-	-	-	-
	Encephalitis, Eastern Equine	-	-	-	-	-	-	-	-	-
	Encephalitis, Powassan	-	-	-	-	-	-	-	-	-
	Encephalitis, St. Louis	-	-	-	-	-	-	-	-	-
	Encephalitis, Western Equine	-	-	-	-	-	-	-	-	-
	<b>Lyme Disease</b>	3	1	2	1	4	3	3	9	4
	Malaria	-	-	-	-	-	-	1	-	1
	Rickettsial Disease - Spotted Fever	-	-	-	-	-	-	-	1	-
	Rickettsial Disease - Typhus	-	-	-	-	-	-	-	-	-
	<b>West Nile Virus</b>	-	-	1	-	1	1	-	1	-
	Yellow Fever	-	-	-	-	-	-	-	-	-
Vectorborne Subtotal	3	1	3	2	5	4	4	12	5	
<b>Viral Hepatitis</b>	Hepatitis A	-	-	-	-	3	-	-	-	-
	Hepatitis B, Acute	-	-	-	-	1	-	-	1	-
	Hepatitis B, Chronic	-	-	1	1	14	9	9	5	10
	Hepatitis B, Perinatal	-	-	-	-	-	1	-	-	-
	Hepatitis C, Acute	-	-	-	-	-	-	1	1	1
	Hepatitis C, Chronic	9	4	5	8	48	39	42	59	59
	Hepatitis C, Unknown*	-	-	-	-	-	-	-	-	-
	Hepatitis D	-	-	-	-	-	-	-	-	-
	Hepatitis E	-	-	-	-	-	-	-	-	-
	Hepatitis Non A Non B	-	-	-	-	-	-	-	-	-
Viral Hepatitis Subtotal	9	4	6	9	66	49	52	66	70	
<b>Total</b>		389	121	122	1,475	18,817	23,277	17,473	21,118	29,593

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

\*\*Data for cases reported is based on date of symptom onset, if available, or date of referral to the public health department.

\*\*\*The Ottawa County Department of Public Health began reporting outbreak aggregate counts of these diseases to the MDSS in 2015.



## October 2015

Reportable conditions that are **bolded** have an accompanying graph at the end of the monthly section.

Disease Group	Reportable Condition	Cases Reported in Last 4 Months**				Year Total Through October				Year End
		Jul-15	Aug-15	Sep-15	Oct-15	2012	2013	2014	2015	2014
<b>Foodborne</b>	Amebiasis	-	-	-	-	1	-	2	-	3
	Botulism - Foodborne	-	-	-	-	-	-	-	-	-
	Campylobacter	7	8	8	3	61	64	38	62	45
	Cryptosporidiosis	-	2	1	2	11	7	9	11	11
	Giardiasis	-	4	1	1	26	21	15	9	17
	Listeriosis	-	-	-	-	-	-	-	-	-
	Norovirus***	-	1	-	-	11	2	16	81	20
	Salmonellosis	4	-	2	1	16	30	28	16	34
	Shiga toxin-producing Escherichia coli --(STEC)	2	1	-	-	3	9	8	7	8
	Shigellosis	1	1	2	1	2	8	1	9	3
	Typhoid Fever	-	-	-	-	-	-	-	-	-
	Yersinia enteritis	-	-	-	-	1	-	2	1	2
	<b>Foodborne Subtotal</b>		14	17	14	8	132	141	119	196
<b>Influenza</b>	<b>Flu Like Disease* ***</b>	88	83	1,430	<b>3,633</b>	21,595	25,304	22,154	<b>24,357</b>	<b>29,139</b>
	Influenza	-	-	-	-	9	40	15	4	48
	Influenza, Novel	-	-	-	-	-	-	-	-	-
<b>Influenza Subtotal</b>		88	83	1,430	<b>3,633</b>	21,604	25,344	22,169	<b>24,361</b>	<b>29,187</b>
<b>Meningitis</b>	<b>Meningitis - Aseptic</b>	3	1	7	3	10	18	21	18	24
	Meningitis - Bacterial Other	-	-	-	1	1	4	4	6	5
	Meningococcal Disease	-	-	-	-	-	-	-	-	-
	Streptococcus pneumoniae, Inv	-	-	1	1	8	10	11	10	15
	<b>Meningitis Subtotal</b>	3	1	8	5	19	32	36	34	44
<b>Other</b>	Anthrax	-	-	-	-	-	-	-	-	-
	Blastomycosis	-	-	-	-	1	-	2	-	2
	Botulism - Infant	-	-	-	-	-	-	-	-	-
	Botulism - Other	-	-	-	-	-	-	-	-	-
	Brucellosis	-	-	-	-	-	-	-	-	-
	Cholera	-	-	-	-	-	-	-	-	-
	Coccidioidomycosis	-	-	1	-	1	-	3	1	3
	Creutzfeldt-Jakob Disease	-	-	-	-	-	-	-	-	-
	Cryptococcosis	-	-	-	1	-	-	-	1	-
	Cyclosporiasis	-	-	-	-	-	-	-	-	-
	Encephalitis, Post Chickenpox	-	-	-	-	-	-	-	-	-
	Encephalitis, Post Mumps	-	-	-	-	-	-	-	-	-
	Encephalitis, Post Other	-	-	-	-	1	-	-	-	-
	Encephalitis, Primary	-	-	-	-	-	-	-	-	1
	Guillain-Barre Syndrome	1	-	-	-	3	1	-	1	-
	Hantavirus	-	-	-	-	-	-	-	-	-
	Hantavirus, Other	-	-	-	-	-	-	-	-	-
	Hantavirus, Pulmonary	-	-	-	-	-	-	-	-	-
	Hemolytic Uremic Syndrome	-	-	-	-	-	1	-	-	-
	Hemorrhagic Fever	-	-	-	-	-	-	-	-	-
	Hepatitis - Unspecified	-	-	-	-	-	-	-	-	-
	Histoplasmosis	-	1	2	2	12	15	6	11	11
	Kawasaki	-	1	-	-	-	-	1	1	1
	Legionellosis	-	-	1	-	1	1	3	1	4
	Leprosy	-	-	-	-	-	-	-	-	-
	Leptospirosis	-	-	-	-	-	-	-	-	-
	Melioidosis	-	-	-	-	-	-	-	-	-
	Plague	-	-	-	-	-	-	-	-	-
	Psittacosis	-	-	-	-	-	-	-	-	-
	Q Fever Acute	-	-	-	-	1	-	-	-	-
	Q Fever Chronic	-	-	-	-	-	-	-	-	-
	<b>Rabies Animal</b>		-	-	-	1	-	-	2	-
	Rabies Human	-	-	-	-	-	-	-	-	-
Reye Syndrome	-	-	-	-	-	-	-	-	-	
Rheumatic Fever	-	-	-	-	-	1	-	-	-	
Rubella - Congenital	-	-	-	-	-	-	-	-	-	
Streptococcus pneumoniae, Drug Resistant	-	-	-	-	4	3	1	-	1	
Streptococcal Dis, Inv, Grp A	-	1	1	1	9	6	8	11	9	
Streptococcal Toxic Shock	-	-	-	-	1	2	-	-	-	

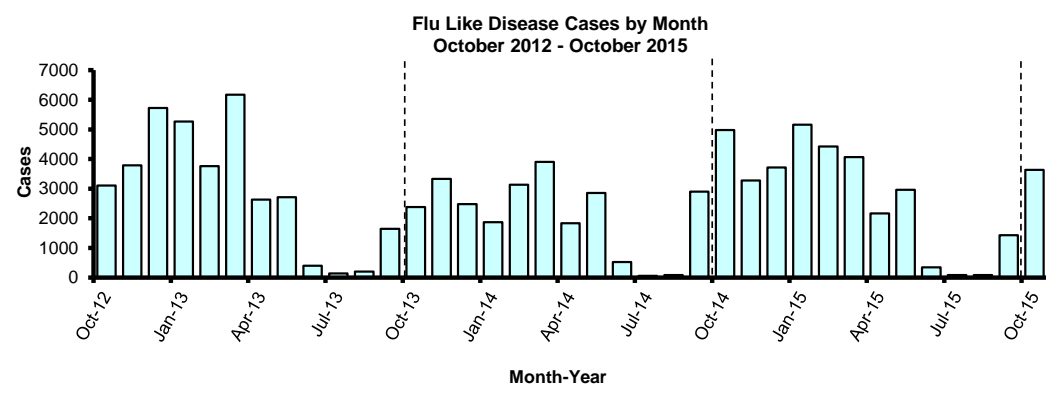
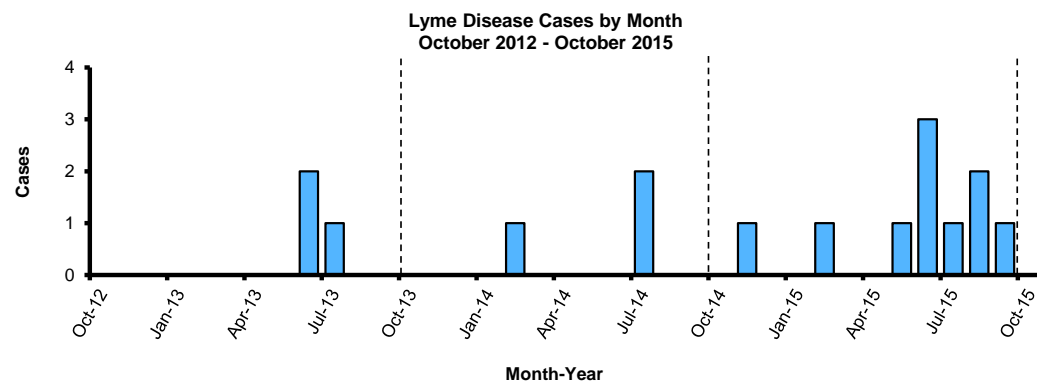
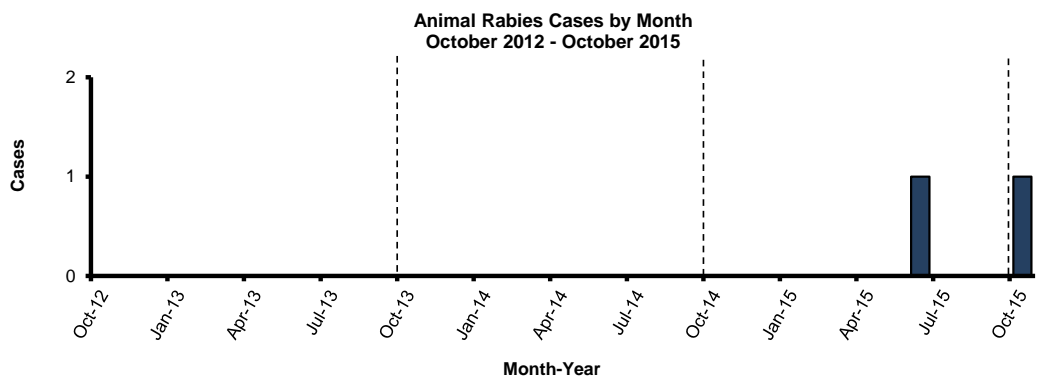
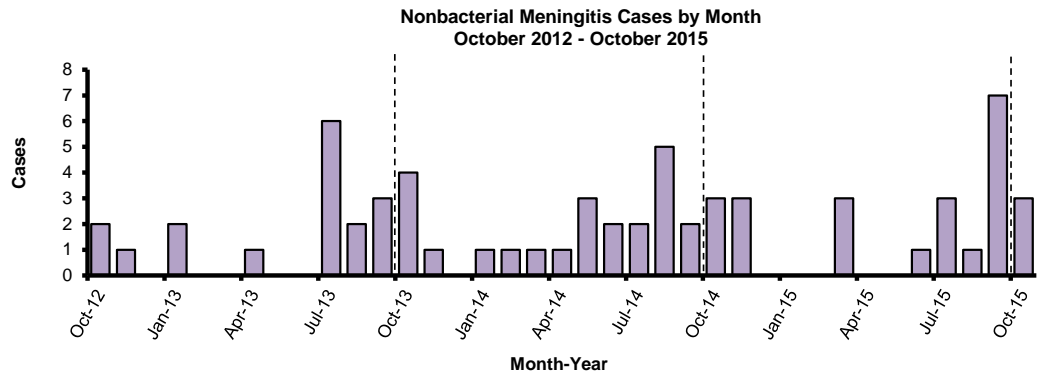
Reportable conditions that are **bolded** have an accompanying graph at the end of the monthly section.

Disease Group	Reportable Condition	Cases Reported in Last 4 Months**				Year Total Through October				Year End
		Jul-15	Aug-15	Sep-15	Oct-15	2012	2013	2014	2015	2014
<b>Other</b>	Toxic Shock	-	-	-	-	1	-	-	-	-
	Trachoma	-	-	-	-	-	-	-	-	-
	Trichinosis	-	-	-	-	-	-	-	-	-
	Tularemia	-	-	-	-	-	-	-	-	-
	Vibriosis - Non Cholera	-	-	-	-	-	1	2	-	2
	VISA	-	-	-	-	-	-	-	-	-
	VRSA	-	-	-	-	-	-	-	-	-
	Other Subtotal	1	3	5	5	36	31	26	29	34
<b>STD</b>	Chancroid	-	-	-	-	-	-	-	-	-
	Chlamydia (Genital)	81	61	73	96	637	620	605	688	712
	Gonorrhea	8	6	6	7	58	80	70	69	82
	Granuloma Inguinale	-	-	-	-	-	-	-	-	-
	Lymphogranuloma venereum	-	-	-	-	-	-	-	-	-
	Primary & Secondary Syphilis	1	1	-	-	-	-	2	4	5
	All Syphilis	1	1	-	2	-	-	5	7	8
	STD Subtotal	90	68	79	105	695	700	680	764	802
<b>Tuberculosis</b>	Tuberculosis	-	-	-	1	1	2	3	2	3
	Mycobacterium - Other	2	2	2	2	7	13	18	20	23
	Tuberculosis Subtotal	2	2	2	3	8	15	21	22	26
<b>VPD</b>	Chickenpox (Varicella)	-	1	1	2	19	29	18	13	28
	Diphtheria	-	-	-	-	-	-	-	-	-
	<b>H. influenzae Disease - Inv.</b>	-	-	1	1	-	1	3	6	3
	Measles	-	-	-	-	-	-	-	-	-
	Mumps	-	-	-	-	-	-	-	-	-
	Pertussis	7	2	1	1	52	46	24	19	41
	Polio	-	-	-	-	-	-	-	-	-
	Rubella	-	-	-	-	-	-	-	-	-
	Shingles	1	4	2	3	5	2	10	19	10
	Tetanus	-	-	-	-	-	-	-	-	-
	VZ Infection, Unspecified	-	-	-	-	-	3	2	2	2
	VPD Subtotal	8	7	5	7	76	81	57	59	84
<b>Vectorborne</b>	Babesiosis	-	-	-	-	-	-	-	-	-
	Chikungunya	-	-	-	-	-	-	-	-	-
	Dengue Fever	-	-	1	-	-	-	-	1	-
	Ehrlichiosis	-	-	-	-	-	-	-	-	-
	Encephalitis, California	-	-	-	-	-	-	-	-	-
	Encephalitis, Eastern Equine	-	-	-	-	-	-	-	-	-
	Encephalitis, Powassan	-	-	-	-	-	-	-	-	-
	Encephalitis, St. Louis	-	-	-	-	-	-	-	-	-
	Encephalitis, Western Equine	-	-	-	-	-	-	-	-	-
	<b>Lyme Disease</b>	1	2	1	-	4	3	3	9	4
	Malaria	-	-	-	-	-	-	1	-	1
	Rickettsial Disease - Spotted Fever	-	-	-	-	-	-	-	1	-
	Rickettsial Disease - Typhus	-	-	-	-	-	-	-	-	-
	West Nile Virus	-	1	-	-	1	1	-	1	-
Yellow Fever	-	-	-	-	-	-	-	-	-	
Vectorborne Subtotal	1	3	2	-	5	4	4	12	5	
<b>Viral Hepatitis</b>	Hepatitis A	-	-	-	-	3	-	-	-	-
	Hepatitis B, Acute	-	-	-	-	1	-	-	1	-
	Hepatitis B, Chronic	-	1	1	4	16	11	9	9	10
	Hepatitis B, Perinatal	-	-	-	-	-	1	-	-	-
	Hepatitis C, Acute	-	-	-	-	-	-	1	1	1
	Hepatitis C, Chronic	4	5	8	3	50	43	48	62	59
	Hepatitis C, Unknown*	-	-	-	-	-	-	-	-	-
	Hepatitis D	-	-	-	-	-	-	-	-	-
	Hepatitis E	-	-	-	-	-	-	-	-	-
	Hepatitis Non A Non B	-	-	-	-	-	-	-	-	-
Viral Hepatitis Subtotal	4	6	9	7	70	55	58	73	70	
<b>Total</b>		121	122	1,475	3,668	21,950	25,703	22,490	24,786	29,593

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

\*\*Data for cases reported is based on date of symptom onset, if available, or date of referral to the public health department.

\*\*\*The Ottawa County Department of Public Health began reporting outbreak aggregate counts of these diseases to the MDSS in 2015.





## November 2015

*Reportable conditions that are **bolded** have an accompanying graph at the end of the monthly section.*

Disease Group	Reportable Condition	Cases Reported in Last 4 Months**				Year Total Through November				Year End
		Aug-15	Sep-15	Oct-15	Nov-15	2012	2013	2014	2015	2014
<b>Foodborne</b>	Amebiasis	-	-	-	-	1	-	3	-	3
	Botulism - Foodborne	-	-	-	-	-	-	-	-	-
	Campylobacter	8	8	3	<b>3</b>	64	67	42	<b>65</b>	<b>45</b>
	<b>Cryptosporidiosis</b>	2	1	2	<b>5</b>	12	7	9	<b>16</b>	<b>11</b>
	Giardiasis	4	1	1	-	27	22	16	<b>9</b>	<b>17</b>
	Listeriosis	-	-	-	-	-	-	-	-	-
	Norovirus***	1	-	-	-	11	2	19	<b>81</b>	<b>20</b>
	Salmonellosis	-	2	1	<b>2</b>	16	40	31	<b>18</b>	<b>34</b>
	Shiga toxin-producing Escherichia coli --(STEC)	1	-	-	-	4	10	8	<b>7</b>	<b>8</b>
	<b>Shigellosis</b>	1	2	1	<b>8</b>	2	9	2	<b>17</b>	<b>3</b>
	Typhoid Fever	-	-	-	-	-	-	-	-	-
	Yersinia enteritis	-	-	-	-	1	-	2	<b>1</b>	<b>2</b>
Foodborne Subtotal		17	14	8	<b>18</b>	138	157	132	<b>214</b>	<b>143</b>
<b>Influenza</b>	<b>Flu Like Disease* ***</b>	83	1,430	3,633	<b>2,819</b>	25,378	28,637	25,427	<b>27,176</b>	<b>29,139</b>
	Influenza	-	-	-	-	12	41	16	<b>4</b>	<b>48</b>
	Influenza, Novel	-	-	-	-	-	-	-	-	-
	Influenza Subtotal	83	1,430	3,633	<b>2,819</b>	25,390	28,678	25,443	<b>27,180</b>	<b>29,187</b>
<b>Meningitis</b>	Meningitis - Aseptic	1	7	3	<b>2</b>	11	19	24	<b>20</b>	<b>24</b>
	Meningitis - Bacterial Other	-	-	1	-	1	4	4	<b>6</b>	<b>5</b>
	Meningococcal Disease	-	-	-	-	-	-	-	-	-
	Streptococcus pneumoniae, Inv	-	1	1	<b>1</b>	9	11	13	<b>11</b>	<b>15</b>
	Meningitis Subtotal	1	8	5	<b>3</b>	21	34	41	<b>37</b>	<b>44</b>
<b>Other</b>	Anthrax	-	-	-	-	-	-	-	-	-
	Blastomycosis	-	-	-	-	1	-	2	-	<b>2</b>
	Botulism - Infant	-	-	-	-	-	-	-	-	-
	Botulism - Other	-	-	-	-	-	-	-	-	-
	Brucellosis	-	-	-	-	-	-	-	-	-
	Cholera	-	-	-	-	-	-	-	-	-
	Coccidioidomycosis	-	1	-	-	2	1	3	<b>1</b>	<b>3</b>
	Creutzfeldt-Jakob Disease	-	-	-	-	-	-	-	-	-
	Cryptococcosis	-	-	1	-	-	-	-	<b>1</b>	-
	Cyclosporiasis	-	-	-	-	-	-	-	-	-
	Encephalitis, Post Chickenpox	-	-	-	-	-	-	-	-	-
	Encephalitis, Post Mumps	-	-	-	-	-	-	-	-	-
	Encephalitis, Post Other	-	-	-	-	1	-	-	-	-
	Encephalitis, Primary	-	-	-	-	-	-	-	-	<b>1</b>
	Guillain-Barre Syndrome	-	-	-	-	3	1	-	<b>1</b>	-
	Hantavirus	-	-	-	-	-	-	-	-	-
	Hantavirus, Other	-	-	-	-	-	-	-	-	-
	Hantavirus, Pulmonary	-	-	-	-	-	-	-	-	-
	Hemolytic Uremic Syndrome	-	-	-	-	-	1	-	-	-
	Hemorrhagic Fever	-	-	-	-	-	-	-	-	-
	Hepatitis - Unspecified	-	-	-	-	-	-	-	-	-
	Histoplasmosis	1	2	2	<b>1</b>	12	18	8	<b>12</b>	<b>11</b>
	Kawasaki	1	-	-	-	-	-	1	<b>1</b>	<b>1</b>
	Legionellosis	-	1	-	-	2	1	4	<b>1</b>	<b>4</b>
	Leprosy	-	-	-	-	-	-	-	-	-
	Leptospirosis	-	-	-	-	-	-	-	-	-
	Melioidosis	-	-	-	-	-	-	-	-	-
	Plague	-	-	-	-	-	-	-	-	-
	Psittacosis	-	-	-	-	-	-	-	-	-
	Q Fever Acute	-	-	-	-	1	-	-	-	-
	Q Fever Chronic	-	-	-	-	-	-	-	-	-
	Rabies Animal	-	-	1	-	1	-	-	<b>2</b>	-
	Rabies Human	-	-	-	-	-	-	-	-	-
Reye Syndrome	-	-	-	-	-	-	-	-	-	
Rheumatic Fever	-	-	-	-	-	1	-	-	-	
Rubella - Congenital	-	-	-	-	-	-	-	-	-	
Streptococcus pneumoniae, Drug Resistant	-	-	-	-	6	3	1	-	<b>1</b>	
Streptococcal Dis, Inv, Grp A	1	1	1	<b>1</b>	10	9	8	<b>12</b>	<b>9</b>	
Streptococcal Toxic Shock	-	-	-	-	1	2	-	-	-	

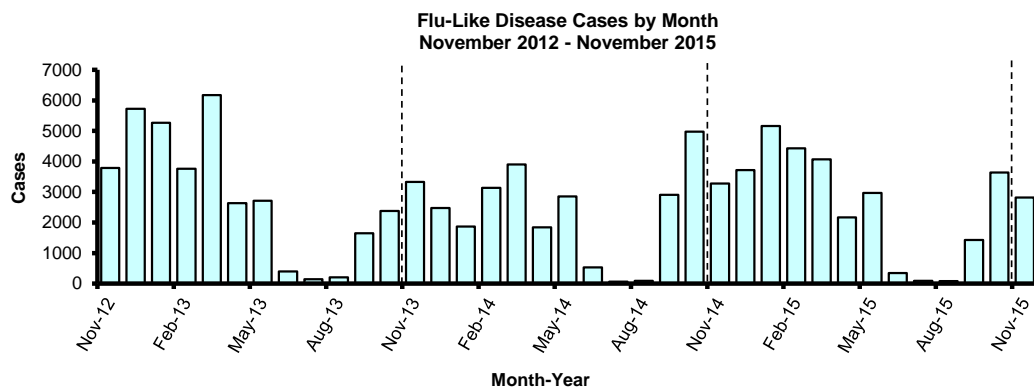
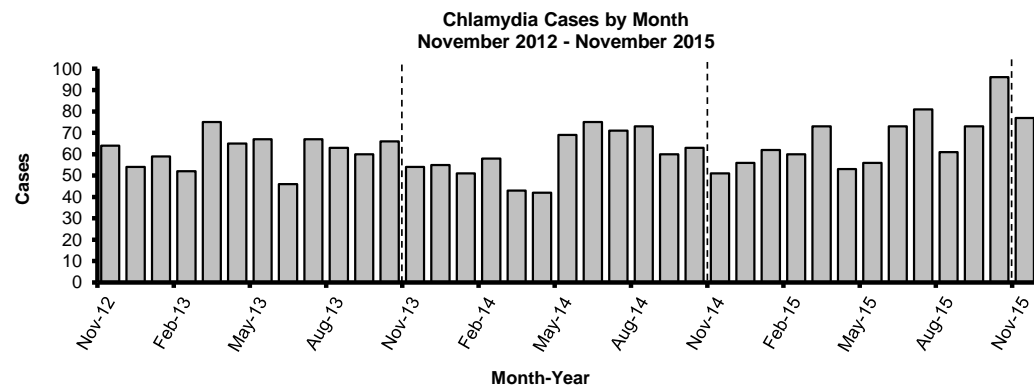
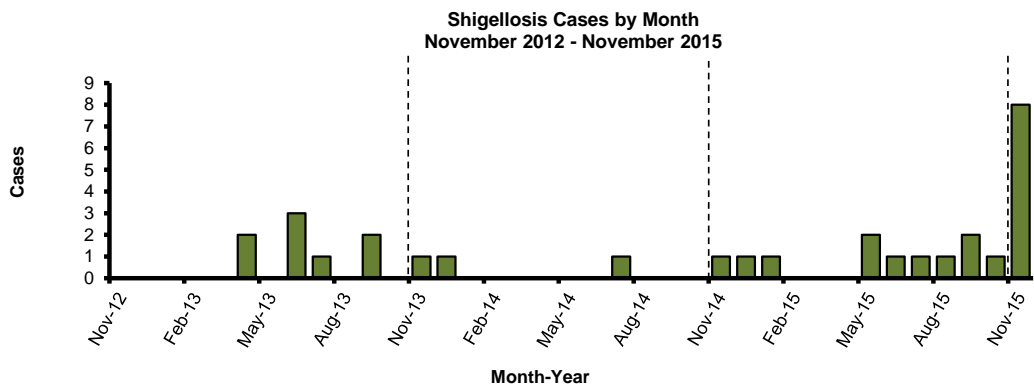
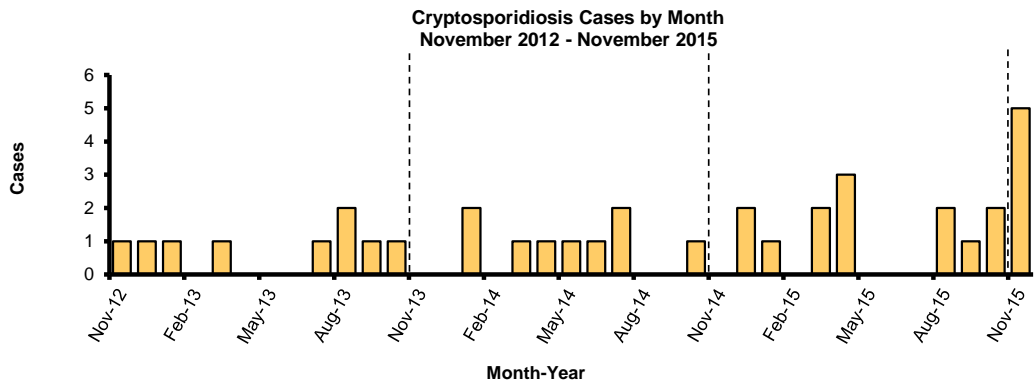
Reportable conditions that are **bolded** have an accompanying graph at the end of the monthly section.

Disease Group	Reportable Condition	Cases Reported in Last 4 Months**				Year Total Through November				Year End
		Aug-15	Sep-15	Oct-15	Nov-15	2012	2013	2014	2015	2014
<b>Other</b>	Toxic Shock	-	-	-	-	1	-	-	-	-
	Trachoma	-	-	-	-	-	-	-	-	-
	Trichinosis	-	-	-	-	-	-	-	-	-
	Tularemia	-	-	-	-	-	-	-	-	-
	Vibriosis - Non Cholera	-	-	-	-	-	1	2	-	2
	VISA	-	-	-	-	-	-	-	-	-
	VRSA	-	-	-	-	-	-	-	-	-
	Other Subtotal	3	5	5	2	41	38	29	31	34
<b>STD</b>	Chancroid	-	-	-	-	-	-	-	-	-
	<b>Chlamydia (Genital)</b>	61	73	96	77	701	674	656	765	712
	Gonorrhea	6	6	7	10	65	85	79	79	82
	Granuloma Inguinale	-	-	-	-	-	-	-	-	-
	Lymphogranuloma venereum	-	-	-	-	-	-	-	-	-
	Primary & Secondary Syphilis	1	-	-	-	-	-	4	4	5
	All Syphilis	1	-	2	1	-	-	7	8	8
	STD Subtotal	68	79	105	88	766	759	742	852	802
<b>Tuberculosis</b>	Tuberculosis	-	-	1	-	1	3	3	2	3
	Mycobacterium - Other	2	2	2	1	11	15	19	21	23
	Tuberculosis Subtotal	2	2	3	1	12	18	22	23	26
<b>VPD</b>	Chickenpox (Varicella)	1	1	2	1	22	35	27	14	28
	Diphtheria	-	-	-	-	-	-	-	-	-
	<b>H. influenzae Disease - Inv.</b>	-	1	1	1	2	2	3	7	3
	Measles	-	-	-	-	-	-	-	-	-
	Mumps	-	-	-	-	-	-	-	-	-
	Pertussis	2	1	1	-	54	53	32	19	41
	Polio	-	-	-	-	-	-	-	-	-
	Rubella	-	-	-	-	-	-	-	-	-
	Shingles	4	2	3	2	5	3	10	21	10
	Tetanus	-	-	-	-	-	-	-	-	-
	VZ Infection, Unspecified	-	-	-	-	-	3	2	2	2
	VPD Subtotal	7	5	7	4	83	96	74	63	84
<b>Vectorborne</b>	Babesiosis	-	-	-	-	-	-	-	-	-
	Chikungunya	-	-	-	-	-	-	-	-	-
	Dengue Fever	-	1	-	-	-	-	-	1	-
	Ehrlichiosis	-	-	-	-	-	-	-	-	-
	Encephalitis, California	-	-	-	-	-	-	-	-	-
	Encephalitis, Eastern Equine	-	-	-	-	-	-	-	-	-
	Encephalitis, Powassan	-	-	-	-	-	-	-	-	-
	Encephalitis, St. Louis	-	-	-	-	-	-	-	-	-
	Encephalitis, Western Equine	-	-	-	-	-	-	-	-	-
	Lyme Disease	2	1	-	-	4	3	4	9	4
	Malaria	-	-	-	-	-	-	1	-	1
	Rickettsial Disease - Spotted Fever	-	-	-	-	-	-	-	1	-
	Rickettsial Disease - Typhus	-	-	-	-	-	-	-	-	-
	West Nile Virus	1	-	-	-	1	1	-	1	-
	Yellow Fever	-	-	-	-	-	-	-	-	-
	Vectorborne Subtotal	3	2	-	-	5	4	5	12	5
<b>Viral Hepatitis</b>	Hepatitis A	-	-	-	-	3	-	-	-	-
	Hepatitis B, Acute	-	-	-	1	1	-	-	2	-
	Hepatitis B, Chronic	1	1	4	1	22	12	10	10	10
	Hepatitis B, Perinatal	-	-	-	-	-	1	-	-	-
	Hepatitis C, Acute	-	-	-	1	1	-	1	2	1
	Hepatitis C, Chronic	5	8	3	4	56	47	55	66	59
	Hepatitis C, Unknown*	-	-	-	-	-	-	-	-	-
	Hepatitis D	-	-	-	-	-	-	-	-	-
	Hepatitis E	-	-	-	-	-	-	-	-	-
	Hepatitis Non A Non B	-	-	-	-	-	-	-	-	-
	Viral Hepatitis Subtotal	6	9	7	7	83	60	66	80	70
<b>Total</b>		122	1,475	3,668	2,854	25,773	29,085	25,812	27,640	29,593

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

\*\*Data for cases reported is based on date of symptom onset, if available, or date of referral to the public health department.

\*\*\*The Ottawa County Department of Public Health began reporting outbreak aggregate counts of these diseases to the MDSS in 2015.



## December 2015

Reportable conditions that are <b>bolded</b> have an accompanying graph at the end of the monthly section.										
Disease Group	Reportable Condition	Cases Reported in Last 4 Months**				Year Total Through December				Year End
		Sep-15	Oct-15	Nov-15	Dec-15	2012	2013	2014	2015	2014
<b>Foodborne</b>	Amebiasis	-	-	-	-	1	-	3	-	<b>3</b>
	Botulism - Foodborne	-	-	-	-	-	-	-	-	-
	Campylobacter	8	3	3	<b>6</b>	68	67	45	<b>71</b>	<b>45</b>
	Cryptosporidiosis	1	2	5	<b>1</b>	13	7	11	<b>17</b>	<b>11</b>
	Giardiasis	1	1	-	-	27	23	17	<b>9</b>	<b>17</b>
	Listeriosis	-	-	-	-	-	-	-	-	-
	Norovirus***	-	-	-	-	12	2	20	<b>81</b>	<b>20</b>
	Salmonellosis	2	1	2	<b>2</b>	18	40	34	<b>20</b>	<b>34</b>
	Shiga toxin-producing Escherichia coli --(STEC)	-	-	-	-	8	10	8	<b>7</b>	<b>8</b>
	Shigellosis	2	1	8	<b>2</b>	2	10	3	<b>19</b>	<b>3</b>
	Typhoid Fever	-	-	-	-	-	-	-	-	-
	Yersinia enteritis	-	-	-	-	1	-	2	<b>1</b>	<b>2</b>
Foodborne Subtotal		14	8	18	<b>11</b>	150	159	143	<b>225</b>	<b>143</b>
<b>Influenza</b>	<b>Flu Like Disease* ***</b>	1,430	3,633	2,819	<b>3,166</b>	31,103	31,116	29,139	<b>30,342</b>	<b>29,139</b>
	Influenza	-	-	-	-	28	46	48	<b>4</b>	<b>48</b>
	Influenza, Novel	-	-	-	-	-	-	-	-	-
	Influenza Subtotal	1,430	3,633	2,819	<b>3,166</b>	31,131	31,162	29,187	<b>30,346</b>	<b>29,187</b>
<b>Meningitis</b>	Meningitis - Aseptic	7	3	2	<b>1</b>	11	19	24	<b>21</b>	<b>24</b>
	Meningitis - Bacterial Other	-	1	-	-	2	4	5	<b>6</b>	<b>5</b>
	Meningococcal Disease	-	-	-	-	-	-	-	-	-
	<b>Streptococcus pneumoniae, Inv</b>	1	1	1	<b>2</b>	12	13	15	<b>13</b>	<b>15</b>
	Meningitis Subtotal	8	5	3	<b>3</b>	25	36	44	<b>40</b>	<b>44</b>
<b>Other</b>	Anthrax	-	-	-	-	-	-	-	-	-
	Blastomycosis	-	-	-	-	1	1	2	-	<b>2</b>
	Botulism - Infant	-	-	-	-	-	-	-	-	-
	Botulism - Other	-	-	-	-	-	-	-	-	-
	Brucellosis	-	-	-	-	-	-	-	-	-
	Cholera	-	-	-	-	-	-	-	-	-
	Coccidioidomycosis	1	-	-	-	3	1	3	<b>1</b>	<b>3</b>
	Creutzfeldt-Jakob Disease	-	-	-	-	-	-	-	-	-
	Cryptococcosis	-	1	-	-	-	-	-	<b>1</b>	-
	Cyclosporiasis	-	-	-	-	-	-	-	-	-
	Encephalitis, Post Chickenpox	-	-	-	-	-	-	-	-	-
	Encephalitis, Post Mumps	-	-	-	-	-	-	-	-	-
	Encephalitis, Post Other	-	-	-	-	1	-	-	-	-
	Encephalitis, Primary	-	-	-	-	-	-	1	-	<b>1</b>
	Guillain-Barre Syndrome	-	-	-	-	3	1	-	<b>1</b>	-
	Hantavirus	-	-	-	-	-	-	-	-	-
	Hantavirus, Other	-	-	-	-	-	-	-	-	-
	Hantavirus, Pulmonary	-	-	-	-	-	-	-	-	-
	Hemolytic Uremic Syndrome	-	-	-	-	1	1	-	-	-
	Hemorrhagic Fever	-	-	-	-	-	-	-	-	-
	Hepatitis - Unspecified	-	-	-	-	-	-	-	-	-
	Histoplasmosis	2	2	1	-	12	19	11	<b>12</b>	<b>11</b>
	Kawasaki	-	-	-	<b>1</b>	-	-	1	<b>2</b>	<b>1</b>
	Legionellosis	1	-	-	-	2	1	4	<b>1</b>	<b>4</b>
	Leprosy	-	-	-	-	-	-	-	-	-
	Leptospirosis	-	-	-	-	-	-	-	-	-
	Melioidosis	-	-	-	-	-	-	-	-	-
	Plague	-	-	-	-	-	-	-	-	-
	Psittacosis	-	-	-	-	-	-	-	-	-
	Q Fever Acute	-	-	-	-	1	-	-	-	-
	Q Fever Chronic	-	-	-	-	-	-	-	-	-
	Rabies Animal	-	1	-	-	1	-	-	<b>2</b>	-
Rabies Human	-	-	-	-	-	-	-	-	-	
Reye Syndrome	-	-	-	-	-	-	-	-	-	
Rheumatic Fever	-	-	-	-	-	1	-	-	-	
Rubella - Congenital	-	-	-	-	-	-	-	-	-	
Streptococcus pneumoniae, Drug Resistant	-	-	-	-	7	3	1	-	<b>1</b>	
Streptococcal Dis, Inv, Grp A	1	1	1	<b>1</b>	10	9	9	<b>13</b>	<b>9</b>	
Streptococcal Toxic Shock	-	-	-	-	1	2	-	-	-	

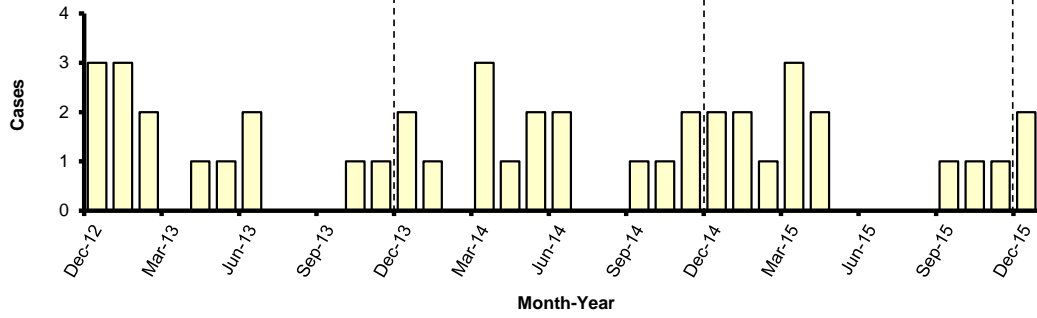
<i>Reportable conditions that are <b>bolded</b> have an accompanying graph at the end of the monthly section.</i>										
Disease Group	Reportable Condition	Cases Reported in Last 4 Months**				Year Total Through December				Year End
		Sep-15	Oct-15	Nov-15	Dec-15	2012	2013	2014	2015	2014
<b>Other</b>	Toxic Shock	-	-	-	-	1	-	-	-	-
	Trachoma	-	-	-	-	-	-	-	-	-
	Trichinosis	-	-	-	-	-	-	-	-	-
	Tularemia	-	-	-	-	-	-	-	-	-
	Vibriosis - Non Cholera	-	-	-	-	-	1	2	-	2
	VISA	-	-	-	-	1	-	-	-	-
	VRSA	-	-	-	-	-	-	-	-	-
	Other Subtotal	5	5	2	2	45	40	34	33	34
<b>STD</b>	Chancroid	-	-	-	-	-	-	-	-	-
	Chlamydia (Genital)	73	96	77	89	755	729	712	854	712
	Gonorrhea	6	7	10	3	74	95	82	82	82
	Granuloma Inguinale	-	-	-	-	-	-	-	-	-
	Lymphogranuloma venereum	-	-	-	-	-	-	-	-	-
	Primary & Secondary Syphilis	-	-	-	-	-	-	5	4	5
	All Syphilis	-	2	1	2	-	-	8	10	8
	STD Subtotal	79	105	88	94	829	824	802	946	802
<b>Tuberculosis</b>	Tuberculosis	-	1	-	-	1	3	3	2	3
	Mycobacterium - Other	2	2	1	2	12	16	23	23	23
	Tuberculosis Subtotal	2	3	1	2	13	19	26	25	26
<b>VPD</b>	Chickenpox (Varicella)	1	2	1	3	23	36	28	17	28
	Diphtheria	-	-	-	-	-	-	-	-	-
	<b>H. influenzae Disease - Inv.</b>	1	1	1	-	2	2	3	7	3
	Measles	-	-	-	-	-	-	-	-	-
	Mumps	-	-	-	-	-	-	-	-	-
	Pertussis	1	1	-	-	55	58	41	19	41
	Polio	-	-	-	-	-	-	-	-	-
	Rubella	-	-	-	-	-	-	-	-	-
	Shingles	2	3	2	2	5	3	10	23	10
	Tetanus	-	-	-	-	-	-	-	-	-
	VZ Infection, Unspecified	-	-	-	-	-	3	2	2	2
	VPD Subtotal	5	7	4	5	85	102	84	68	84
<b>Vectorborne</b>	Babesiosis	-	-	-	-	-	-	-	-	-
	Chikungunya	-	-	-	-	-	-	-	-	-
	Dengue Fever	1	-	-	-	-	-	-	1	-
	Ehrlichiosis	-	-	-	-	-	-	-	-	-
	Encephalitis, California	-	-	-	-	-	-	-	-	-
	Encephalitis, Eastern Equine	-	-	-	-	-	-	-	-	-
	Encephalitis, Powassan	-	-	-	-	-	-	-	-	-
	Encephalitis, St. Louis	-	-	-	-	-	-	-	-	-
	Encephalitis, Western Equine	-	-	-	-	-	-	-	-	-
	Lyme Disease	1	-	-	-	4	3	4	9	4
	Malaria	-	-	-	-	-	-	1	-	1
	Rickettsial Disease - Spotted Fever	-	-	-	-	-	-	-	1	-
	Rickettsial Disease - Typhus	-	-	-	-	-	-	-	-	-
	West Nile Virus	-	-	-	-	1	1	-	1	-
	Yellow Fever	-	-	-	-	-	-	-	-	-
Vectorborne Subtotal	2	-	-	-	5	4	5	12	5	
<b>Viral Hepatitis</b>	Hepatitis A	-	-	-	-	3	-	-	-	-
	Hepatitis B, Acute	-	-	1	-	1	-	-	2	-
	Hepatitis B, Chronic	1	4	1	1	24	14	10	11	10
	Hepatitis B, Perinatal	-	-	-	-	-	1	-	-	-
	Hepatitis C, Acute	-	-	1	-	1	-	1	2	1
	<b>Hepatitis C, Chronic</b>	8	3	4	9	61	50	59	75	59
	Hepatitis C, Unknown*	-	-	-	-	-	-	-	-	-
	Hepatitis D	-	-	-	-	-	-	-	-	-
	Hepatitis E	-	-	-	-	-	-	-	-	-
	Hepatitis Non A Non B	-	-	-	-	-	-	-	-	-
Viral Hepatitis Subtotal	9	7	7	10	90	65	70	90	70	
<b>Total</b>		1,475	3,668	2,854	3,199	31,544	31,587	29,593	30,839	29,593

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

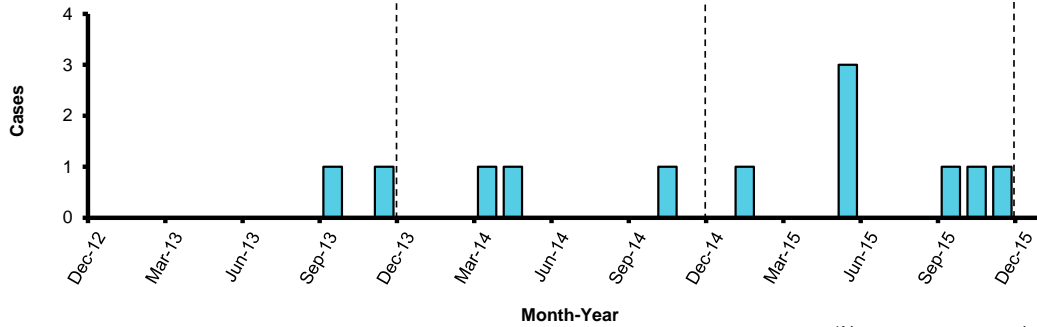
\*\*Data for cases reported is based on date of symptom onset, if available, or date of referral to the public health department.

\*\*\*The Ottawa County Department of Public Health began reporting outbreak aggregate counts of these diseases to the MDSS in 2015.

**Invasive *Streptococcus pneumoniae* Cases by Month**  
December 2012 - December 2015

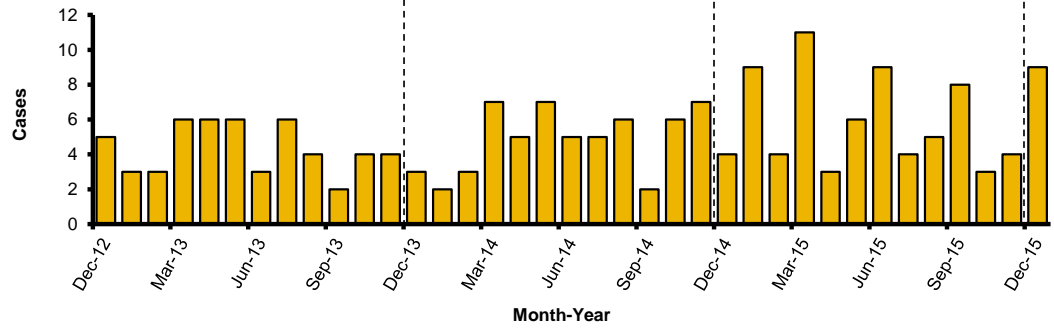


**Invasive *Haemophilus influenzae* Cases\* by Month**  
December 2012 - December 2015



\*No cases are serotype b.

**Chronic Hepatitis C Cases by Month**  
December 2012 - December 2015



**Flu-Like Disease Cases by Month**  
December 2012 - December 2015

