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The Reportable Disease Update has been developed to communicate infectious disease surveillance information to community healthcare professionals. This update will be distributed quarterly to identify and communicate issues, trends in the community, and emerging communicable diseases that can impact our community.

### Information Items:

- Pertussis activity is on the rise in the United States and here in Michigan. St. Clair County has seen a 66.67 percent increase in number of pertussis cases in 2014. The best way to prevent pertussis is to get vaccinated. Make sure infants and young children get their recommended five shots on time. Protection from the childhood vaccine fades over time. Adolescents and adults need to be revaccinated, even if they were completely vaccinated as children. This is especially important for families with new infants. To best protect the infant, pregnant women should be given Tdap during each pregnancy between 27 and 36 weeks gestation.
- Influenza activity is elevated nationwide. Hospitalized patients and all high-risk patients (either hospitalized or outpatient) with suspected influenza should be treated as soon as possible with antiviral medication. Everyone 6 months of age and older is recommended to get the flu vaccine, which includes even the healthiest adults. Although protection might be reduced for influenza A (H3N2), the 2014-2015 flu vaccine will still provide protection against influenza A (H1N1) and influenza B viruses. There is also evidence to suggest that vaccination may make influenza illness milder and prevent influenza-related complications ("cross-protection").

Please see the table on the next page for counts of reportable diseases as of December 2014.

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## St. Clair County Communicable Disease

<b>Enteric Disease</b>	<b>2012</b>	<b>2013</b>	<b>2014*</b>
Campylobacter	15	9	8
Cryptosporidiosis	11	4	3
Giardiasis	9	4	2
Listeriosis	2	0	0
Salmonellosis	26	11	19
Shiga toxin-producing E. coli (STEC)	1	1	2
Shigellosis	1	1	1
<b>Influenza</b>	<b>2012</b>	<b>2013</b>	<b>2014*</b>
Flu-Like Disease (aggregate)	3845	4055	5845
<b>Hepatitis</b>	<b>2012</b>	<b>2013</b>	<b>2014*</b>
Hepatitis A	1	2	1
Hepatitis B Acute	0	0	0
Hepatitis B Chronic	4	8	12
Hepatitis C Acute	1	1	3
Hepatitis C Chronic	113	127	154
<b>Vaccine Preventable Diseases</b>	<b>2012</b>	<b>2013</b>	<b>2014*</b>
Chickenpox (Varicella)	43	19	26
Hib	2	0	0
Measles	0	0	0
Mumps	0	0	0
Pertussis	4	12	20
<b>STI</b>	<b>2012</b>	<b>2013</b>	<b>2014*</b>
Chlamydia	440	445	415
Gonorrhea	64	55	31
Syphilis-Early Latent	1	0	3
Syphilis-Late Latent	2	1	0
Syphilis - Primary	1	2	2
Syphilis - Secondary	3	0	0
<b>Meningitis &amp; Invasive Diseases</b>	<b>2012</b>	<b>2013</b>	<b>2014*</b>
Meningitis - Aseptic	6	7	3
Meningitis - Bacterial	1	1	0
Meningitis – Streptococcus pneumoniae invasive	6	8	3
<b>Vector Borne Diseases</b>	<b>2012</b>	<b>2013</b>	<b>2014*</b>
Lyme Disease	1	0	2
West Nile Virus	1	0	0
<b>Animals</b>	<b>2012</b>	<b>2013</b>	<b>2014*</b>
Rabies Animal	4	1	0
Animal Bites Investigated	35	25	35
<b>Other</b>	<b>2012</b>	<b>2013</b>	<b>2014*</b>
Histoplasmosis	2	0	0
Legionellosis	1	4	1
Streptococcus pneumoniae invasive - Resistant	3	3	1

\*Includes Probable, Suspect, Confirmed, and New Cases.