

# epiSUMMARY

## Manitoba Monthly Surveillance Report

September 2014

Reportable Diseases Disease or Organism Name	Monthly Cases		Monthly Rate (95%CI) (Per 1,000,000)		Current Month Cases by RHA						Year-to-Date Cases		
	Current	3-Year-Average	Current	3-Year-Average	WRHA	IERHA	NRHA	PMH	SH	Unk	2014	2013	Change
<i>Enterics</i>													
C. PERFRINGENS	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	1	0	0	0	0	0	3	3	0
AMEBIASIS	3	3	2.3 (0.5-6.8)	2.4 (0.5-6.9)	2	0	0	1	0	0	21	14	7
SHIGELLOSIS	6	5	4.7 (1.7-10.1)	3.9 (1.3-9.2)	1	0	4	0	1	0	29	21	8
CRYPTOSPORIDIOSIS	28	6	21.7 (14.4-31.4)*	4.7 (1.7-10.3)	10	4	9	2	3	0	89	28	61
E. COLI-VEROTOXIGENIC	2	8	1.6 (0.2-5.6)	6.3 (2.7-12.4)	2	0	0	0	0	0	32	27	5
GIARDIASIS	5	11	3.9 (1.3-9.1)	8.7 (4.3-15.5)	2	0	1	0	2	0	60	82	-22
SALMONELLOSIS	19	17	14.7 (8.9-23.0)	13.4 (7.8-21.4)	10	2	0	5	2	0	173	173	0
CAMPYLOBACTER	16	28	12.4 (7.1-20.2)	22.0 (14.6-31.9)	7	2	0	1	6	0	133	170	-37
<i>VPD</i>													
MENINGOCOCCAL INVASIVE DISEASE	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	0	0	0	0	1	0	2	7	-5
PNEUMOCOCCAL INVASIVE DISEASE	12	9	9.3 (4.8-16.3)	7.1 (3.2-13.4)	8	0	2	0	2	0	100	105	-5
<i>Respiratory Diseases and TB</i>													
INFLUENZA A	1	1	0.8 (0.0-4.3)	0.8 (0.0-4.4)	0	0	1	0	0	0	648	467	181
TB (DATA NOT AVAILABLE)													
<i>EMD and Zoonotics</i>													
LEGIONELLA	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	0	1	0	0	0	0	2	3	-1

Reportable Diseases	Monthly Cases		Monthly Rate (95%CI) (Per 1,000,000)		Current Month Cases by RHA						Year-to-Date Cases		
	Disease or Organism Name	Current	3-Year-Average	Current	3-Year-Average	WRHA	IERHA	NRHA	PMH	SH	Unk	2014	2013
LYME DISEASE	1	1	0.8 (0.0-4.3)	0.8 (0.0-4.4)	0	0	0	1	0	0	12	15	-3
BLASTOMYCOSIS	2	2	1.6 (0.2-5.6)	1.6 (0.2-5.7)	2	0	0	0	0	0	10	15	-5
MALARIA	3	2	2.3 (0.5-6.8)	1.6 (0.2-5.7)	2	0	0	0	1	0	18	10	8
STRONGYLOIDES	3	2	2.3 (0.5-6.8)	1.6 (0.2-5.7)	3	0	0	0	0	0	20	18	2
<i>Non VPD</i>													
NECROTIZING FASCIITIS (STREP.)	2	0	1.6 (0.2-5.6)	0.0 (0.0-2.9)	1	0	0	0	1	0	6	16	-10
STREP. INVASIVE DISEASE	31	25	24.0 (16.3-34.1)	19.7 (12.7-29.1)	17	4	4	2	4	0	223	229	-6
<i>ARO and Nosocomial Organisms</i>													
CLOSTRIDIUM DIFFICILE	93	72	72.1 (58.2-88.4)	56.7 (44.3-71.4)	55	8	3	15	12	0	659	649	10
<i>STBBI</i>													
HIV	7	7	5.4 (2.2-11.2)	5.5 (2.2-11.4)	4	0	0	3	0	0	68	91	-23
SYPHILIS (Sero-reactive)*	24	.....	18.6 (11.9-27.7)	.....	19	0	3	1	1	0	306	175	131
HEPATITIS C	27	24	20.9 (13.8-30.5)	18.9 (12.1-28.1)	18	3	3	2	1	0	273	229	44
GONORRHEA	113	121	87.6 (72.2-105.4)	95.2 (79.0-113.8)	62	4	39	7	1	0	796	937	-141
CHLAMYDIA	594	571	460.7 (424.4-499.3)	449.5 (413.4-487.9)	290	36	167	61	40	0	4707	4845	-138

**Data extracted: November 17, 2014**

## Notes and Abbreviations

Notes:

1. 3-year-average cases / rate are defined as the average cases / rate reported in the same month over the previous three years.
2. Out-of-province cases are excluded.
3. The diseases where the current monthly rates are significantly higher than the previous 3-year average rates for the same month are highlighted yellow.
4. Syphilis: Due to improved testing and referral processes that took place in 2013, there was an observed increase in the number of records entered into the surveillance system. The data point shown in the table includes all reported *Treponema* serology-reactive individuals, however these may be infectious and non-infectious cases, as well as those requiring further public health follow-up to determine this status. These factors also make it difficult to draw a comparison to historical data, therefore statistical testing was not done.
5. Hepatitis B: This includes confirmed cases of acute infection only, where both surface antigen (HBsAG) and core antibody (Anti-HBc IgM) are positive.

Abbreviations:

ARO	Antibiotic Resistant Organisms
CI	Confidence Interval
EMD	Environmentally Mediated Diseases
IERHA	Interlake-Eastern Regional Health Authority
MRSA	Methicillin Resistant <i>Staphylococcus Aureus</i>
NRHA	Northern Regional Health Authority
PMH	Prairie Mountain Health
RHA	Regional Health Authority
STBBI	Sexually Transmitted & Blood-Borne Infections
TB	Tuberculosis
VPD	Vaccine Preventable Diseases
VRE	Vancomycin-Resistant Enterococci
VRSA	Vancomycin Resistant <i>Staphylococcus Aureus</i>
WNV	West Nile Virus
WRHA	Winnipeg Regional Health Authority