

epiSUMMARY

Manitoba Monthly Surveillance Report

November 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>													
HEPATITIS A	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	1	0	0	0	0	0	8	11	-3
LISTERIOSIS	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	1	0	0	0	0	0	2	2	0
AMEBIASIS	1	2	0.8 (0.0-4.3)	1.6 (0.2-5.7)	1	0	0	0	0	0	24	18	6
E. COLI-VEROTOXIGENIC	2	2	1.6 (0.2-5.6)	1.6 (0.2-5.7)	1	0	0	0	1	0	35	27	8
CRYPTOSPORIDIOSIS	1	3	0.8 (0.0-4.3)	2.4 (0.5-6.9)	0	0	1	0	0	0	110	39	71
GIARDIASIS	7	7	5.4 (2.2-11.2)	5.5 (2.2-11.4)	4	0	0	0	3	0	74	90	-16
SALMONELLOSIS	15	14	11.6 (6.5-19.2)	11.0 (6.0-18.5)	5	2	0	5	3	0	202	209	-7
CAMPYLOBACTER	11	16	8.5 (4.3-15.3)	12.6 (7.2-20.5)	4	1	0	1	5	0	155	198	-43
<i>VPD</i>													
PNEUMOCOCCAL INVASIVE DISEASE	8	9	6.2 (2.7-12.2)	7.1 (3.2-13.4)	4	0	2	1	1	0	121	126	-5
<i>Respiratory Diseases and TB</i>													
PARAPERTUSSIS	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	0	0	0	0	1	0	3	3	0
INFLUENZA A	15	4	11.6 (6.5-19.2)	3.1 (0.9-8.1)	7	0	1	7	0	0	669	475	194
TB - RESP.	13	8	10.1 (5.4-17.2)	6.3 (2.7-12.4)	4	0	9	0	0	0	110	127	-17
<i>EMD and Zoonotics</i>													

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	Disease or Organism Name	Current	3-Year-Average	Current	3-Year-Average	WRHA	IERHA	NRHA	PMH	SH	Unk	2014	2013	Change
BLASTOMYCOSIS	1	1	0.8 (0.0-4.3)	0.8 (0.0-4.4)	1	0	0	0	0	0	0	12	19	-7
MALARIA	2	1	1.6 (0.2-5.6)	0.8 (0.0-4.4)	1	0	1	0	0	0	0	20	12	8
STRONGYLOIDES	1	4	0.8 (0.0-4.3)	3.1 (0.9-8.1)	1	0	0	0	0	0	0	22	24	-2
<i>Non VPD</i>														
STREP. TOXIC SHOCK SYNDROME	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	0	0	0	0	1	0	0	3	3	0
NECROTIZING FASCIITIS (STREP.)	2	0	1.6 (0.2-5.6)	0.0 (0.0-2.9)	0	0	0	2	0	0	0	9	17	-8
STREP. INVASIVE DISEASE	19	26	14.7 (8.9-23.0)	20.5 (13.4-30.0)	15	1	2	1	0	0	0	263	283	-20
<i>ARO and Nosocomial Organisms</i>														
CLOSTRIDIUM DIFFICILE	64	77	49.6 (38.2-63.4)	60.6 (47.8-75.8)	35	6	1	13	9	0	0	797	797	0
(DATA NOT AVAILABLE FOR THE OTHER)														
<i>STBBI</i>														
HIV	5	8	3.9 (1.3-9.1)	6.3 (2.7-12.4)	3	1	0	1	0	0	0	81	112	-31
SYPHILIS (Sero-reactive)*	31	24.0 (16.3-34.1)	24	2	4	0	1	0	0	374	225	149
HEPATITIS C	24	24	18.6 (11.9-27.7)	18.9 (12.1-28.1)	19	0	2	2	1	0	0	323	280	43
GONORRHEA	121	106	93.9 (77.9-112.1)	83.4 (68.3-100.9)	48	7	51	5	10	0	0	1020	1151	-131
CHLAMYDIA	510	570	395.6 (362.0-431.4)	448.7 (412.6-487.1)	261	42	127	51	29	0	0	5819	5977	-158

Data extracted: January 15, 2015

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 Staphylococcus Aureus
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 Staphylococcus Aureus
WNV	West Nile Virus
WRHA	Winnipeg Regional Health Authority