

epiSUMMARY

Manitoba Monthly Surveillance Report

December 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>													
SHIGELLOSIS	1	2	0.8 (0.0-4.3)	1.6 (0.2-5.7)	0	0	1	0	0	0	33	25	8
AMEBIASIS	1	3	0.8 (0.0-4.3)	2.4 (0.5-6.9)	1	0	0	0	0	0	25	20	5
GIARDIASIS	6	5	4.7 (1.7-10.1)	3.9 (1.3-9.2)	2	0	0	0	4	0	82	93	-11
CAMPYLOBACTER	11	10	8.5 (4.3-15.3)	7.9 (3.8-14.5)	1	1	0	4	5	0	167	209	-42
SALMONELLOSIS	20	16	15.5 (9.5-24.0)	12.6 (7.2-20.5)	9	0	3	6	2	0	226	230	-4
<i>VPD</i>													
H.INFLUENZAE	1	1	0.8 (0.0-4.3)	0.8 (0.0-4.4)	0	0	0	1	0	0	12	14	-2
PERTUSSIS	3	4	2.3 (0.5-6.8)	3.1 (0.9-8.1)	2	0	0	0	1	0	14	6	8
PNEUMOCOCCAL INVASIVE DISEASE	12	9	9.3 (4.8-16.3)	7.1 (3.2-13.4)	8	2	0	0	2	0	134	132	2
<i>Respiratory Diseases and TB</i>													
TB - NON-RESP.	2	1	1.6 (0.2-5.6)	0.8 (0.0-4.4)	0	0	2	0	0	0	22	25	-3
INFLUENZA B	6	4	4.7 (1.7-10.1)	3.1 (0.9-8.1)	3	2	0	1	0	0	72	104	-32
TB - RESP.	6	13	4.7 (1.7-10.1)	10.2 (5.4-17.5)	3	0	3	0	0	0	116	144	-28
INFLUENZA A	409	47	317.2 (287.2-349.5)*	37.0 (27.2-49.2)	183	42	46	101	37	0	1076	516	560
<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	3	2	2.3 (0.5-6.8)	1.6 (0.2-5.7)	2	0	0	0	1	0	15	20	-5
<i>Non VPD</i>													
STREP. INVASIVE DISEASE	19	24	14.7 (8.9-23.0)	18.9 (12.1-28.1)	11	0	3	3	2	0	282	314	-32
<i>ARO and Nosocomial Organisms</i>													
CLOSTRIDIUM DIFFICILE	82	62	63.6 (50.6-78.9)	48.8 (37.4-62.6)	41	10	1	20	10	0	879	855	24
(DATA NOT AVAILABLE FOR THE OTHER)													
<i>STBBI</i>													
HIV	10	5	7.8 (3.7-14.3)	3.9 (1.3-9.2)	5	2	1	2	0	0	92	118	-26
SYPHILIS (Sero-reactive)*	33	25.6 (17.6-35.9)	25	1	4	1	2	0	407	247	160
HEPATITIS C	26	24	20.2 (13.2-29.5)	18.9 (12.1-28.1)	17	2	1	4	2	0	348	306	42
GONORRHEA	85	83	65.9 (52.7-81.5)	65.3 (52.0-81.0)	43	3	30	9	0	0	1105	1215	-110
CHLAMYDIA	455	446	352.9 (321.2-386.9)	351.1 (319.3-385.2)	227	24	123	40	40	1	6283	6426	-143

Data extracted: February 13, 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