

epiSUMMARY

Manitoba Monthly Surveillance Report

April 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)	0	0	0	0	1	0	1	2	-1
AMEBIASIS	1	1	0.8 (0.0-4.3)	0.8 (0.0-4.4)	1	0	0	0	0	0	6	6	0
SHIGELLOSIS	2	2	1.6 (0.2-5.6)	1.6 (0.2-5.7)	1	0	0	0	1	0	13	10	3
E. COLI-VEROTOXIGENIC	4	3	3.1 (0.8-7.9)	2.4 (0.5-6.9)	1	1	0	2	0	0	14	7	7
CRYPTOSPORIDIOSIS	6	5	4.7 (1.7-10.1)	3.9 (1.3-9.2)	1	1	1	1	2	0	13	5	8
GIARDIASIS	4	10	3.1 (0.8-7.9)	7.9 (3.8-14.5)	3	0	1	0	0	0	17	37	-20
CAMPYLOBACTER	16	16	12.4 (7.1-20.2)	12.6 (7.2-20.5)	1	6	3	2	4	0	46	61	-15
SALMONELLOSIS	12	16	9.3 (4.8-16.3)	12.6 (7.2-20.5)	7	1	1	2	1	0	67	72	-5
<i>VPD</i>													
MEASLES	4	0	3.1 (0.8-7.9)	0.0 (0.0-2.9)	3	0	0	0	1	0	8	0	8
PNEUMOCOCCAL INVASIVE DISEASE	16	17	12.4 (7.1-20.2)	13.4 (7.8-21.4)	9	2	1	2	2	0	52	48	4
<i>Respiratory Diseases and TB</i>													
TB - NON-RESP.	1	2	0.8 (0.0-4.3)	1.6 (0.2-5.7)	1	0	0	0	0	0	5	6	-1
INFLUENZA A	29	6	22.5 (15.1-32.3)*	4.7 (1.7-10.3)	7	11	2	4	5	0	642	464	178

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	Disease or Organism Name	Current	3-Year-Average	Current	3-Year-Average	WRHA	IERHA	NRHA	PMH	SH	Unk	2014	2013
TB - RESP.	9	8	7.0 (3.2-13.3)	6.3 (2.7-12.4)	3	0	5	0	1	0	40	50	-10
INFLUENZA B	19	26	14.7 (8.9-23.0)	20.5 (13.4-30.0)	9	0	2	4	4	0	32	71	-39
<i>EMD and Zoonotics</i>													
DIPHYLLOBOTHRIUM SPP	1	1	0.8 (0.0-4.3)	0.8 (0.0-4.4)	1	0	0	0	0	0	2	5	-3
TRYPANOSOMA CRUZI	1	1	0.8 (0.0-4.3)	0.8 (0.0-4.4)	1	0	0	0	0	0	2	2	0
STRONGYLOIDES	2	2	1.6 (0.2-5.6)	1.6 (0.2-5.7)	2	0	0	0	0	0	9	5	4
<i>Non VPD</i>													
NECROTIZING FASCIITIS (STREP.)	1	1	0.8 (0.0-4.3)	0.8 (0.0-4.4)	0	0	1	0	0	0	2	11	-9
STREP. INVASIVE DISEASE	26	23	20.2 (13.2-29.5)	18.1 (11.5-27.2)	19	2	2	2	1	0	104	101	3
<i>ARO and Nosocomial Organisms</i>													
CLOSTRIDIUM DIFFICILE	57	80	44.2 (33.5-57.3)	63.0 (49.9-78.4)	31	2	5	13	6	0	288	263	25
(DATA NOT AVAILABLE FOR THE OTHER)													
<i>STBBI</i>													
HIV	3	8	2.3 (0.5-6.8)	6.3 (2.7-12.4)	1	1	0	1	0	0	34	37	-3
SYPHILIS (Sero-reactive)*	38	29.5 (20.9-40.5)	28	4	1	4	1	0	176	74	102
HEPATITIS C	29	29	22.5 (15.1-32.3)	22.8 (15.3-32.8)	19	2	1	4	3	0	123	101	22
GONORRHEA	75	88	58.2 (45.8-72.9)	69.3 (55.6-85.3)	36	4	27	5	3	0	341	439	-98
CHLAMYDIA	506	510	392.5 (359.0-428.2)	401.5 (367.4-437.8)	255	33	137	56	25	0	2150	2231	-81

Data extracted: **June 16, 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-re
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