

epiSUMMARY

Manitoba Monthly Surveillance Report

June 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	5	2	3.9 (1.3-9.1)	1.6 (0.2-5.7)	1	0	0	0	4	0	20	14	6
CRYPTOSPORIDIOSIS	4	3	3.1 (0.8-7.9)	2.4 (0.5-6.9)	0	0	1	3	0	0	21	7	14
AMEBIASIS	1	4	0.8 (0.0-4.3)	3.1 (0.9-8.1)	0	0	0	0	1	0	9	11	-2
E. COLI-VEROTOXIGENIC	2	6	1.6 (0.2-5.6)	4.7 (1.7-10.3)	0	0	0	0	2	0	20	11	9
GIARDIASIS	7	7	5.4 (2.2-11.2)	5.5 (2.2-11.4)	4	0	0	3	0	0	31	51	-20
SALMONELLOSIS	17	14	13.2 (7.7-21.1)	11.0 (6.0-18.5)	9	1	0	3	4	0	108	98	10
CAMPYLOBACTER	15	29	11.6 (6.5-19.2)	22.8 (15.3-32.8)	3	1	0	7	4	0	74	93	-19
<i>VPD</i>													
H.INFLUENZAE	4	1	3.1 (0.8-7.9)	0.8 (0.0-4.4)	2	0	1	1	0	0	9	9	0
PERTUSSIS	1	2	0.8 (0.0-4.3)	1.6 (0.2-5.7)	1	0	0	0	0	0	7	2	5
PNEUMOCOCCAL INVASIVE DISEASE	7	10	5.4 (2.2-11.2)	7.9 (3.8-14.5)	1	1	2	2	1	0	76	77	-1
<i>Respiratory Diseases and TB</i>													
INFLUENZA B	2	0	1.6 (0.2-5.6)	0.0 (0.0-2.9)	2	0	0	0	0	0	65	98	-33
TB - NON-RESP.	7	3	5.4 (2.2-11.2)	2.4 (0.5-6.9)	6	0	1	0	0	0	14	15	-1

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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.	6	8	4.7 (1.7-10.1)	6.3 (2.7-12.4)	2	0	4	0	0	0	52	77	-25
<i>EMD and Zoonotics</i>													
BRUCELLOSIS	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	0	0	0	0	1	0	1	1	0
DENGUE	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	1	0	0	0	0	0	2	5	-3
BLASTOMYCOSIS	1	1	0.8 (0.0-4.3)	0.8 (0.0-4.4)	1	0	0	0	0	0	5	7	-2
MALARIA	3	3	2.3 (0.5-6.8)	2.4 (0.5-6.9)	2	0	0	1	0	0	11	9	2
STRONGYLOIDES	3	3	2.3 (0.5-6.8)	2.4 (0.5-6.9)	3	0	0	0	0	0	13	11	2
<i>Non VPD</i>													
STAPH. TOXIC SHOCK	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	1	0	0	0	0	0	1	0	1
STREP. INVASIVE DISEASE	25	21	19.4 (12.5-28.6)	16.5 (10.2-25.3)	11	5	2	2	4	1	150	151	-1
<i>ARO and Nosocomial Organisms</i>													
CLOSTRIDIUM DIFFICILE	61	79	47.3 (36.2-60.8)	62.2 (49.2-77.5)	37	4	1	12	7	0	430	428	2
(DATA NOT AVAILABLE FOR THE OTHER)													
<i>STBBI</i>													
HIV	8	7	6.2 (2.7-12.2)	5.5 (2.2-11.4)	4	1	0	1	2	0	46	57	-11
SYPHILIS (Sero-reactive)*	31	24.0 (16.3-34.1)	23	2	3	1	2	0	244	114	130
HEPATITIS C	29	19	22.5 (15.1-32.3)	15.0 (9.0-23.4)	26	0	1	1	1	0	177	157	20
GONORRHEA	70	97	54.3 (42.3-68.6)	76.4 (61.9-93.1)	17	5	34	8	6	0	507	617	-110
CHLAMYDIA	511	529	396.3 (362.7-432.2)	416.4 (381.7-453.4)	241	37	146	42	45	0	3194	3244	-50

Data extracted: *August 15, 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 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