

epiSUMMARY

Manitoba Monthly Surveillance Report

October 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>													
CRYPTOSPORIDIOSIS	17	2	13.2 (7.7-21.1)*	1.6 (0.2-5.7)	5	1	4	6	1	0	109	33	76
AMEBIASIS	1	3	0.8 (0.0-4.3)	2.4 (0.5-6.9)	1	0	0	0	0	0	23	15	8
SHIGELLOSIS	3	5	2.3 (0.5-6.8)	3.9 (1.3-9.2)	1	0	2	0	0	0	32	22	10
GIARDIASIS	6	7	4.7 (1.7-10.1)	5.5 (2.2-11.4)	4	0	0	1	1	0	66	87	-21
SALMONELLOSIS	12	13	9.3 (4.8-16.3)	10.2 (5.4-17.5)	8	0	1	2	1	0	186	195	-9
CAMPYLOBACTER	8	21	6.2 (2.7-12.2)	16.5 (10.2-25.3)	3	0	1	2	2	0	142	184	-42
<i>VPD</i>													
MENINGOCOCCAL INVASIVE DISEASE	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	0	1	0	0	0	0	3	7	-4
H.INFLUENZAE	2	2	1.6 (0.2-5.6)	1.6 (0.2-5.7)	1	0	1	0	0	0	11	12	-1
PNEUMOCOCCAL INVASIVE DISEASE	13	12	10.1 (5.4-17.2)	9.4 (4.9-16.5)	4	1	1	4	3	0	113	116	-3
<i>Respiratory Diseases and TB</i>													
INFLUENZA B	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	1	0	0	0	0	0	66	100	-34
TB (DATA NOT AVAILABLE)													

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	Change
<i>EMD and Zoonotics</i>														
BLASTOMYCOSIS	1	1	0.8 (0.0-4.3)	0.8 (0.0-4.4)	1	0	0	0	0	0	0	11	17	-6
STRONGYLOIDES	1	3	0.8 (0.0-4.3)	2.4 (0.5-6.9)	1	0	0	0	0	0	0	21	20	1
<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	0	7	17	-10
STREP. INVASIVE DISEASE	22	28	17.1 (10.7-25.8)	22.0 (14.6-31.9)	15	5	1	0	1	0	0	244	250	-6
<i>ARO and Nosocomial Organisms</i>														
CLOSTRIDIUM DIFFICILE	76	66	58.9 (46.4-73.8)	52.0 (40.2-66.1)	51	6	1	6	12	0	0	733	723	10
(DATA NOT AVAILABLE FOR THE OTHER)														
<i>STBBI</i>														
HIV	9	11	7.0 (3.2-13.3)	8.7 (4.3-15.5)	8	0	0	0	1	0	0	76	103	-27
SYPHILIS (Sero-reactive)*	37	28.7 (20.2-39.6)	29	2	2	2	2	0	0	343	201	142
HEPATITIS C	26	31	20.2 (13.2-29.5)	24.4 (16.6-34.6)	20	0	2	1	3	0	0	299	263	36
GONORRHEA	102	107	79.1 (64.5-96.0)	84.2 (69.0-101.8)	44	10	39	6	3	0	0	898	1051	-153
CHLAMYDIA	598	596	463.8 (427.4-502.5)	469.2 (432.2-508.4)	313	51	141	47	46	0	0	5304	5454	-150

Data extracted: December 12, 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