

epiSUMMARY

Manitoba Monthly Surveillance Report

August 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	1	0.8 (0.0-4.3)	0.8 (0.0-4.4)	0	0	0	1	0	0	7	7	0
AMEBIASIS	2	2	1.6 (0.2-5.6)	1.6 (0.2-5.7)	2	0	0	0	0	0	17	14	3
E. COLI-VEROTOXIGENIC	3	4	2.3 (0.5-6.8)	3.1 (0.9-8.1)	1	0	0	0	2	0	29	20	9
SHIGELLOSIS	3	4	2.3 (0.5-6.8)	3.1 (0.9-8.1)	3	0	0	0	0	0	23	19	4
CRYPTOSPORIDIOSIS	22	5	17.1 (10.7-25.8)*	3.9 (1.3-9.2)	6	2	6	4	4	0	51	16	35
GIARDIASIS	6	15	4.7 (1.7-10.1)	11.8 (6.6-19.5)	4	0	2	0	0	0	54	73	-19
SALMONELLOSIS	16	18	12.4 (7.1-20.2)	14.2 (8.4-22.4)	8	0	0	2	6	0	152	146	6
CAMPYLOBACTER	25	39	19.4 (12.5-28.6)	30.7 (21.8-42.0)	7	3	2	6	7	0	116	152	-36
<i>VPD</i>													
PNEUMOCOCCAL INVASIVE DISEASE	3	9	2.3 (0.5-6.8)	7.1 (3.2-13.4)	3	0	0	0	0	0	87	97	-10
<i>Respiratory Diseases and TB</i>													
TB (DATA NOT AVAILABLE)													
<i>EMD and Zoonotics</i>													
TULAREMIA	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	1	0	0	0	0	0	2	4	-2
MALARIA	4	1	3.1 (0.8-7.9)	0.8 (0.0-4.4)	4	0	0	0	0	0	15	10	5

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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
LYME DISEASE	1	2	0.8 (0.0-4.3)	1.6 (0.2-5.7)	0	0	0	0	1	0	0	10	14	-4
BLASTOMYCOSIS	2	2	1.6 (0.2-5.6)	1.6 (0.2-5.7)	1	0	0	0	1	0	0	8	13	-5
STRONGYLOIDES	2	3	1.6 (0.2-5.6)	2.4 (0.5-6.9)	2	0	0	0	0	0	0	17	16	1
WNV NEUROLOGICAL SYNDROME	1	2	0.8 (0.0-4.3)	1.6 (0.2-5.7)	1	0	0	0	0	0	0	1	1	0
<i>Non VPD</i>														
STREP. TOXIC SHOCK SYNDROME	2	0	1.6 (0.2-5.6)	0.0 (0.0-2.9)	1	0	0	1	0	0	0	2	3	-1
NECROTIZING FASCIITIS (STREP.)	1	1	0.8 (0.0-4.3)	0.8 (0.0-4.4)	0	0	1	0	0	0	0	4	15	-11
STREP. INVASIVE DISEASE	23	30	17.8 (11.3-26.8)	23.6 (15.9-33.7)	14	3	3	1	2	0	0	192	206	-14
<i>ARO and Nosocomial Organisms</i>														
CLOSTRIDIUM DIFFICILE	61	61	47.3 (36.2-60.8)	48.0 (36.7-61.7)	40	4	2	4	11	0	0	564	577	-13
(DATA NOT AVAILABLE FOR THE OTHER)														
<i>STBBI</i>														
HEPATITIS B*	2	1	1.6 (0.2-5.6)	0.8 (0.0-4.4)	0	0	0	0	2	0	0	4	6	-2
HIV	10	8	7.8 (3.7-14.3)	6.3 (2.7-12.4)	7	1	0	0	2	0	0	61	79	-18
SYPHILIS (Sero-reactive)*	15	11.6 (6.5-19.2)	12	1	1	1	0	0	0	283	155	128
HEPATITIS C	34	26	26.4 (18.3-36.9)	20.5 (13.4-30.0)	26	1	3	3	1	0	0	243	210	33
GONORRHEA	92	112	71.4 (57.5-87.5)	88.2 (72.6-106.1)	43	13	27	6	3	0	0	683	828	-145
CHLAMYDIA	483	559	374.6 (342.0-409.6)	440.0 (404.3-478.1)	236	44	109	58	36	0	0	4111	4275	-164

Data extracted: *October 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