

epiSUMMARY

Manitoba Monthly Surveillance Report

May 2016

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	2016	2015	Change
<i>Enterics</i>													
AMEBIASIS	1	2	0.8 (0.0-4.2)	1.5 (0.2-5.5)	1	0	0	0	0	0	12	6	6
CRYPTOSPORIDIOSIS	2	3	1.5 (0.2-5.5)	2.3 (0.5-6.7)	0	0	0	2	0	0	8	14	-6
E. COLI-VEROTOXIGENIC	1	3	0.8 (0.0-4.2)	2.3 (0.5-6.7)	0	0	0	0	1	0	11	9	2
GIARDIASIS	1	7	0.8 (0.0-4.2)	5.4 (2.2-11.0)	1	0	0	0	0	0	41	31	10
CAMPYLOBACTERIOSIS	14	12	10.6 (5.8-17.8)	9.2 (4.8-16.1)	2	2	0	3	7	0	53	56	-3
SALMONELLOSIS	22	16	16.7 (10.4-25.2)	12.3 (7.0-19.9)	13	0	1	2	6	0	132	96	36
<i>VPD</i>													
MUMPS	1	0	0.8 (0.0-4.2)	0.0 (0.0-2.8)	1	0	0	0	0	0	1	3	-2
MENINGOCOCCAL INVASIVE DISEASE	3	0	2.3 (0.5-6.6)	0.0 (0.0-2.8)	1	0	1	0	1	0	4	3	1
H. INFLUENZAE (NON-SEROTYPE B)	2	2	1.5 (0.2-5.5)	1.5 (0.2-5.5)	1	0	1	0	0	0	12	11	1
PERTUSSIS	3	2	2.3 (0.5-6.6)	1.5 (0.2-5.5)	0	0	1	0	2	0	28	9	19
PNEUMOCOCCAL INVASIVE DISEASE	10	18	7.6 (3.6-13.9)	13.8 (8.2-21.8)	4	0	2	4	0	0	63	54	9
<i>Respiratory Diseases and TB</i>													
TB - NON-RESP.	1	4	0.8 (0.0-4.2)	3.1 (0.8-7.8)	1	0	0	0	0	0	13	16	-3
TB - RESP.	15	12	11.4 (6.4-18.7)	9.2 (4.8-16.1)	6	3	6	0	0	0	67	55	12

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	Disease or Organism Name	Current	3-Year-Average	Current	3-Year-Average	WRHA	IERHA	NRHA	PMH	SH	Unk	2016	2015
INFLUENZA A	1	2	0.8 (0.0-4.2)	1.5 (0.2-5.5)	0	0	0	1	0	0	853	667	186
INFLUENZA B	50	31	37.9 (28.1-49.9)	23.7 (16.1-33.7)	10	5	26	4	5	0	222	207	15
<i>EMD and Zoonotics</i>													
TULAREMIA	1	0	0.8 (0.0-4.2)	0.0 (0.0-2.8)	0	0	0	0	1	0	1	0	1
MALARIA	4	4	3.0 (0.8-7.8)	3.1 (0.8-7.8)	4	0	0	0	0	0	9	6	3
<i>STBBI</i>													
HIV	5	8	3.8 (1.2-8.8)	6.1 (2.6-12.1)	1	0	0	1	3	0	42	49	-7
GONORRHEA	175	93	132.5 (113.6-153.7)*	71.2 (57.5-87.3)	104	17	37	12	5	0	734	454	280
CHLAMYDIA	599	515	453.7 (418.1-491.5)	394.5 (361.2-430.1)	294	48	163	56	38	0	3050	2705	345
INFECTIOUS SYPHILIS*	19	11	14.4 (8.7-22.5)	8.4 (4.2-15.1)	11	2	4	2	0	0	106	64	42
SYPHILIS (Sero-reactive)*	62	36	47.0 (36.0-60.2)	27.6 (19.3-38.2)	42	5	8	4	3	0	473	267	206
HEPATITIS B*	1	1	0.8 (0.0-4.2)	0.8 (0.0-4.3)	1	0	0	0	0	0	4	2	2
HEPATITIS C	39	33	29.5 (21.0-40.4)	25.3 (17.4-35.5)	14	10	4	8	3	0	177	166	11
<i>OTHER DISEASES</i>													
STREP. INVASIVE DISEASE (GROUP A)	21	11	15.9 (9.8-24.3)	8.4 (4.2-15.1)	8	3	7	1	2	0	94	88	6
CLOSTRIDIUM DIFFICILE	76	94	57.6 (45.4-72.0)	72.0 (58.2-88.1)	46	5	3	15	7	0	483	444	39

Data extracted: *July 15, 2016*

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 (sero-reactive): This category includes all reported *Treponema pallidum* serology-reactive individuals reported to the Public Health Surveillance System. These reports include infectious and non-infectious cases, as well as those requiring further public health follow-up to determine this status (implemented in 2013).
5. Syphilis (infectious): This category includes all confirmed infectious syphilis cases with primary, secondary, early latent stage of infection, or congenital syphilis as defined by the MHLS Communicable Disease Protocol. This addition to the report is effective January, 2016.
6. Hepatitis B: This includes confirmed cases of acute infection only, where both surface antigen (HBsAG) and core antibody (Anti-HBc IgM) are positive.
7. Since the reportable diseases' list was updated in January 2015, this monthly report was correspondingly modified.
8. The two categories "ARO and Nosocomial Organisms" and "Non VPD" have been combined to the category "Other diseases" since Jan 2015.

Abbreviations:

ARO	Antibiotic Resistant Organisms
CI	Confidence Interval
EMD	Environmentally Mediated Diseases
IERHA	Interlake-Eastern Regional Health Authority
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
WNV	West Nile Virus
WRHA	Winnipeg Regional Health Authority