

epiSUMMARY

Manitoba Monthly Surveillance Report

February 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>													
CRYPTOSPORIDIOSIS	1	2	0.8 (0.0-4.2)	1.5 (0.2-5.5)	1	0	0	0	0	0	3	3	0
E. COLI-VEROTOXIGENIC	3	2	2.3 (0.5-6.6)	1.5 (0.2-5.5)	1	0	0	0	2	0	4	2	2
AMEBIASIS	1	2	0.8 (0.0-4.2)	1.5 (0.2-5.5)	0	0	0	1	0	0	4	1	3
SHIGELLOSIS	1	4	0.8 (0.0-4.2)	3.1 (0.8-7.8)	1	0	0	0	0	0	3	4	-1
GIARDIASIS	11	7	8.3 (4.2-14.9)	5.4 (2.2-11.0)	5	0	0	3	3	0	23	11	12
CAMPYLOBACTERIOSIS	5	13	3.8 (1.2-8.8)	10.0 (5.3-17.0)	1	0	0	2	2	0	12	19	-7
SALMONELLOSIS	22	19	16.7 (10.4-25.2)	14.6 (8.8-22.7)	11	3	1	3	4	0	49	33	16
<i>VPD</i>													
DIPHTHERIA CARRIERS	3	0	2.3 (0.5-6.6)	0.0 (0.0-2.8)	1	0	2	0	0	0	4	0	4
PERTUSSIS	3	0	2.3 (0.5-6.6)	0.0 (0.0-2.8)	1	0	0	0	2	0	11	0	11
MUMPS	1	1	0.8 (0.0-4.2)	0.8 (0.0-4.3)	0	1	0	0	0	0	1	2	-1
TYPHOID	1	1	0.8 (0.0-4.2)	0.8 (0.0-4.3)	1	0	0	0	0	0	1	4	-3
H. INFLUENZAE (NON-SEROTYPE B)	4	2	3.0 (0.8-7.8)	1.5 (0.2-5.5)	1	0	1	1	1	0	7	6	1
PNEUMOCOCCAL INVASIVE DISEASE	12	8	9.1 (4.7-15.9)	6.1 (2.6-12.1)	5	1	2	1	3	0	18	14	4
<i>Respiratory Diseases and TB</i>													

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	Disease or Organism Name	Current	3-Year-Average	Current	3-Year-Average	WRHA	IERHA	NRHA	PMH	SH	Unk	2016	2015
TB - NON-RESP.	3	3	2.3 (0.5-6.6)	2.3 (0.5-6.7)	1	0	2	0	0	0	8	6	2
TB - RESP.	16	10	12.1 (6.9-19.7)	7.7 (3.7-14.1)	1	0	12	1	2	0	20	18	2
INFLUENZA B	12	11	9.1 (4.7-15.9)	8.4 (4.2-15.1)	7	0	0	1	4	0	17	39	-22
INFLUENZA A	246	100	186.3 (163.8-211.1)*	76.6 (62.3-93.2)	64	25	66	62	29	0	271	654	-383
<i>EMD and Zoonotics</i>													
HANTA VIRUS	1	0	0.8 (0.0-4.2)	0.0 (0.0-2.8)	0	0	0	0	1	0	1	0	1
BLASTOMYCOSIS	2	1	1.5 (0.2-5.5)	0.8 (0.0-4.3)	2	0	0	0	0	0	3	4	-1
<i>STBBI</i>													
HIV	9	8	6.8 (3.1-12.9)	6.1 (2.6-12.1)	8	1	0	0	0	0	17	15	2
GONORRHEA	139	84	105.3 (88.5-124.3)*	64.4 (51.3-79.7)	98	9	19	5	7	1	268	171	97
CHLAMYDIA	605	526	458.2 (422.4-496.2)	403.0 (369.3-438.9)	308	51	157	58	31	0	1238	1131	107
INFECTIOUS SYPHILIS*	20	9	15.1 (9.3-23.4)	6.9 (3.2-13.1)	8	1	8	2	1	0	44	30	14
SYPHILIS (Sero-reactive)*	105	41	79.5 (65.0-96.3)*	31.4 (22.5-42.6)	67	3	21	9	5	0	251	116	135
HEPATITIS B*	1	0	0.8 (0.0-4.2)	0.0 (0.0-2.8)	1	0	0	0	0	0	2	0	2
HEPATITIS C	40	25	30.3 (21.6-41.3)	19.2 (12.4-28.3)	27	4	3	3	3	0	70	59	11
<i>OTHER DISEASES</i>													
STREP. INVASIVE DISEASE (GROUP A)	20	15	15.1 (9.3-23.4)	11.5 (6.4-19.0)	12	1	2	1	4	0	38	37	1
CLOSTRIDIUM DIFFICILE	105	65	79.5 (65.0-96.3)*	49.8 (38.4-63.5)	61	11	6	14	13	0	205	145	60

Data extracted: *April 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