

epiSUMMARY

Manitoba Monthly Surveillance Report

July 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>													
HEPATITIS A	1	0	0.8 (0.0-4.2)	0.0 (0.0-2.8)	0	0	0	1	0	0	1	0	1
SHIGELLOSIS	1	1	0.8 (0.0-4.2)	0.8 (0.0-4.3)	0	0	0	1	0	0	6	8	-2
CYCLOSPORIASIS	1	1	0.8 (0.0-4.2)	0.8 (0.0-4.3)	0	0	0	0	1	0	1	4	-3
AMEBIASIS	2	3	1.5 (0.2-5.5)	2.3 (0.5-6.7)	2	0	0	0	0	0	16	13	3
CRYPTOSPORIDIOSIS	3	4	2.3 (0.5-6.6)	3.1 (0.8-7.8)	1	0	1	0	1	0	18	18	0
E. COLI-VEROTOXIGENIC	5	7	3.8 (1.2-8.8)	5.4 (2.2-11.0)	3	1	0	0	1	0	20	25	-5
GIARDIASIS	8	10	6.1 (2.6-11.9)	7.7 (3.7-14.1)	5	0	0	2	1	0	55	49	6
CAMPYLOBACTERIOSIS	24	22	18.2 (11.6-27.0)	16.9 (10.6-25.5)	6	5	2	5	6	0	111	86	25
SALMONELLOSIS	20	26	15.1 (9.3-23.4)	19.9 (13.0-29.2)	7	1	2	5	5	0	174	134	40
<i>VPD</i>													
DIPHThERIA CARRIERS	1	0	0.8 (0.0-4.2)	0.0 (0.0-2.8)	1	0	0	0	0	0	6	2	4
TYPHOID	1	0	0.8 (0.0-4.2)	0.0 (0.0-2.8)	1	0	0	0	0	0	2	4	-2
H. INFLUENZAE (NON-SEROTYPE B)	3	2	2.3 (0.5-6.6)	1.5 (0.2-5.5)	2	1	0	0	0	0	19	18	1

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	Disease or Organism Name	Current	3-Year-Average	Current	3-Year-Average	WRHA	IERHA	NRHA	PMH	SH	Unk	2016	2015
PERTUSSIS	13	4	9.8 (5.2-16.8)	3.1 (0.8-7.8)	7	0	1	0	5	0	46	21	25
PNEUMOCOCCAL INVASIVE DISEASE	6	9	4.5 (1.7-9.9)	6.9 (3.2-13.1)	2	1	3	0	0	0	81	76	5
<i>Respiratory Diseases and TB</i>													
TB - NON-RESP.	8	2	6.1 (2.6-11.9)	1.5 (0.2-5.5)	5	1	1	0	1	0	26	21	5
TB - RESP.	22	11	16.7 (10.4-25.2)	8.4 (4.2-15.1)	5	2	14	0	1	0	101	80	21
INFLUENZA B	1	1	0.8 (0.0-4.2)	0.8 (0.0-4.3)	0	0	1	0	0	0	228	211	17
<i>EMD and Zoonotics*</i>													
MALARIA	3	1	2.3 (0.5-6.6)	0.8 (0.0-4.3)	3	0	0	0	0	0	13	9	4
BLASTOMYCOSIS	1	2	0.8 (0.0-4.2)	1.5 (0.2-5.5)	0	0	0	1	0	0	6	9	-3
<i>STBBI</i>													
HIV	8	7	6.1 (2.6-11.9)	5.4 (2.2-11.0)	5	0	1	0	2	0	60	63	-3
GONORRHEA	198	99	150.0 (129.8-172.4)*	75.8 (61.6-92.3)	130	17	33	4	14	0	1123	630	493
CHLAMYDIA	583	488	441.6 (406.4-478.9)	373.9 (341.4-408.5)	302	62	136	47	35	1	4222	3718	504
INFECTIOUS SYPHILIS*	18	11	13.6 (8.1-21.5)	8.4 (4.2-15.1)	5	0	13	0	0	0	144	108	36
SYPHILIS (Sero-reactive)*	45	28	34.1 (24.9-45.6)	21.5 (14.3-31.0)	28	0	15	1	1	0	564	362	202
HEPATITIS C	41	32	31.1 (22.3-42.1)	24.5 (16.8-34.6)	20	8	3	7	3	0	253	236	17
<i>OTHER DISEASES</i>													
STREP. INVASIVE DISEASE (GROUP A)	9	10	6.8 (3.1-12.9)	7.7 (3.7-14.1)	4	2	2	0	1	0	120	117	3
CLOSTRIDIUM DIFFICILE	100	81	75.7 (61.6-92.1)	62.1 (49.3-77.1)	72	11	1	11	5	0	675	630	45

Data extracted: September 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.
9. About tick-borne diseases, please refer to the website: "<http://www.gov.mb.ca/health/publichealth/cdc/tickborne/index.html>".
10. About WNV disease, please refer to the website: "<http://www.gov.mb.ca/health/wnv/stats.html>".

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

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