

epiSUMMARY

Manitoba Monthly Surveillance Report

November 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>													
LISTERIOSIS	1	0	0.8 (0.0-4.2)	0.0 (0.0-2.8)	0	0	1	0	0	0	3	3	0
E. COLI-VEROTOXIGENIC	8	1	6.1 (2.6-11.9)	0.8 (0.0-4.3)	4	0	0	1	3	0	36	36	0
SHIGELLOSIS	2	1	1.5 (0.2-5.5)	0.8 (0.0-4.3)	2	0	0	0	0	0	11	19	-8
AMEBIASIS	2	2	1.5 (0.2-5.5)	1.5 (0.2-5.5)	2	0	0	0	0	0	21	20	1
GIARDIASIS	9	7	6.8 (3.1-12.9)	5.4 (2.2-11.0)	4	0	3	1	1	0	118	94	24
CAMPYLOBACTERIOSIS	8	11	6.1 (2.6-11.9)	8.4 (4.2-15.1)	3	1	1	1	2	0	189	141	48
SALMONELLOSIS	14	15	10.6 (5.8-17.8)	11.5 (6.4-19.0)	5	0	1	4	4	0	257	195	62
<i>VPD</i>													
MUMPS	30	0	22.7 (15.3-32.4)*	0.0 (0.0-2.8)	23	2	1	2	2	0	76	7	69
H. INFLUENZAE (SEROTYPE B)	1	0	0.8 (0.0-4.2)	0.0 (0.0-2.8)	0	0	0	1	0	0	1	3	-2
TYPHOID	1	0	0.8 (0.0-4.2)	0.0 (0.0-2.8)	1	0	0	0	0	0	4	5	-1
H. INFLUENZAE (NON-SEROTYPE B)	3	0	2.3 (0.5-6.6)	0.0 (0.0-2.8)	2	0	0	0	1	0	27	27	0
PERTUSSIS	9	2	6.8 (3.1-12.9)	1.5 (0.2-5.5)	0	0	4	0	5	0	107	56	51
PNEUMOCOCCAL INVASIVE DISEASE	7	10	5.3 (2.1-10.9)	7.7 (3.7-14.1)	3	2	1	1	0	0	104	105	-1
<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.	4	1	3.0 (0.8-7.8)	0.8 (0.0-4.3)	3	1	0	0	0	0	38	35	3
TB - RESP.	12	8	9.1 (4.7-15.9)	6.1 (2.6-12.1)	10	0	2	0	0	0	153	111	42
INFLUENZA A	6	7	4.5 (1.7-9.9)	5.4 (2.2-11.0)	5	1	0	0	0	0	868	672	196
<i>EMD and Zoonotics</i>													
BLASTOMYCOSIS	2	2	1.5 (0.2-5.5)	1.5 (0.2-5.5)	1	0	1	0	0	0	12	16	-4
<i>STBBI</i>													
HIV	14	7	10.6 (5.8-17.8)	5.4 (2.2-11.0)	10	0	0	2	2	0	114	98	16
GONORRHEA	211	108	159.8 (139.0-182.9)*	82.7 (67.9-99.9)	131	26	36	12	6	0	2018	981	1037
CHLAMYDIA	619	528	468.8 (432.6-507.2)	404.5 (370.7-440.5)	315	55	163	51	34	1	6686	5994	692
INFECTIOUS SYPHILIS*	13	12	9.8 (5.2-16.8)	9.2 (4.8-16.1)	5	1	5	0	2	0	212	179	33
SYPHILIS (Sero-reactive)*	41	38	31.1 (22.3-42.1)	29.1 (20.6-40.0)	28	1	8	0	4	0	741	539	202
HEPATITIS C	35	26	26.5 (18.5-36.9)	19.9 (13.0-29.2)	23	4	1	6	1	0	419	366	53
<i>OTHER DISEASES</i>													
STREP. INVASIVE DISEASE (GROUP A)	14	15	10.6 (5.8-17.8)	11.5 (6.4-19.0)	8	0	3	2	1	0	185	191	-6
CLOSTRIDIUM DIFFICILE	95	78	72.0 (58.2-88.0)	59.8 (47.2-74.6)	51	11	7	18	8	0	1000	991	9

Data extracted: January 16, 2017

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