

# epiSUMMARY

## Manitoba Monthly Surveillance Report

December 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)	1	0	0	0	0	0	4	3	1
AMEBIASIS	4	1	3.0 (0.8-7.8)	0.8 (0.0-4.3)	2	1	0	0	1	0	26	21	5
CRYPTOSPORIDIOSIS	1	1	0.8 (0.0-4.2)	0.8 (0.0-4.3)	1	0	0	0	0	0	33	37	-4
E. COLI-VEROTOXIGENIC	3	3	2.3 (0.5-6.6)	2.3 (0.5-6.7)	3	0	0	0	0	0	39	42	-3
GIARDIASIS	10	6	7.6 (3.6-13.9)	4.6 (1.7-10.0)	9	0	0	0	1	0	129	101	28
CAMPYLOBACTERIOSIS	7	10	5.3 (2.1-10.9)	7.7 (3.7-14.1)	3	0	1	0	3	0	196	149	47
SALMONELLOSIS	14	20	10.6 (5.8-17.8)	15.3 (9.4-23.7)	6	2	1	2	3	0	271	215	56
<i>VPD</i>													
DIPHTHERIA CASES	1	0	0.8 (0.0-4.2)	0.0 (0.0-2.8)	1	0	0	0	0	0	1	0	1
MUMPS	43	0	32.6 (23.6-43.9)*	0.0 (0.0-2.8)	33	3	1	0	6	0	119	8	111
MENINGOCOCCAL INVASIVE DISEASE	2	1	1.5 (0.2-5.5)	0.8 (0.0-4.3)	0	0	1	0	1	0	8	3	5
PERTUSSIS	8	1	6.1 (2.6-11.9)	0.8 (0.0-4.3)	1	0	1	0	6	0	118	56	62
H. INFLUENZAE (NON-SEROTYPE B)	5	3	3.8 (1.2-8.8)	2.3 (0.5-6.7)	0	0	2	0	3	0	32	34	-2
PNEUMOCOCCAL INVASIVE DISEASE	16	10	12.1 (6.9-19.7)	7.7 (3.7-14.1)	9	1	2	3	1	0	120	116	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.	6	2	4.5 (1.7-9.9)	1.5 (0.2-5.5)	4	0	2	0	0	0	43	39	4
TB - RESP.	9	10	6.8 (3.1-12.9)	7.7 (3.7-14.1)	4	1	3	0	1	0	162	119	43
INFLUENZA B	5	3	3.8 (1.2-8.8)	2.3 (0.5-6.7)	1	0	0	3	1	0	235	212	23
INFLUENZA A	8	151	6.1 (2.6-11.9)	115.7 (98.0-135.7)	5	0	0	3	0	0	876	676	200
<i>EMD and Zoonotics</i>													
MALARIA	2	0	1.5 (0.2-5.5)	0.0 (0.0-2.8)	2	0	0	0	0	0	20	20	0
BLASTOMYCOSIS	2	1	1.5 (0.2-5.5)	0.8 (0.0-4.3)	2	0	0	0	0	0	14	16	-2
<i>STBBI</i>													
HIV	13	7	9.8 (5.2-16.8)	5.4 (2.2-11.0)	12	0	0	0	1	0	127	103	24
GONORRHEA	196	83	148.4 (128.4-170.7)*	63.6 (50.6-78.8)	119	20	40	11	6	0	2216	1080	1136
CHLAMYDIA	496	483	375.7 (343.3-410.2)	370.0 (337.8-404.5)	266	44	110	41	35	0	7185	6539	646
INFECTIOUS SYPHILIS*	13	15	9.8 (5.2-16.8)	11.5 (6.4-19.0)	6	0	7	0	0	0	229	206	23
SYPHILIS (Sero-reactive)*	58	35	43.9 (33.4-56.8)	26.8 (18.7-37.3)	38	2	17	1	0	0	801	590	211
HEPATITIS B*	1	0	0.8 (0.0-4.2)	0.0 (0.0-2.8)	0	1	0	0	0	0	13	4	9
HEPATITIS C	43	26	32.6 (23.6-43.9)	19.9 (13.0-29.2)	29	3	1	8	2	0	462	392	70
<i>OTHER DISEASES</i>													
STREP. AGALACTIAE (NEWBORN)	1	1	0.8 (0.0-4.2)	0.8 (0.0-4.3)	1	0	0	0	0	0	10	7	3
STREP. INVASIVE DISEASE (GROUP A)	19	13	14.4 (8.7-22.5)	10.0 (5.3-17.0)	11	3	3	0	2	0	206	212	-6
CLOSTRIDIUM DIFFICILE	78	81	59.1 (46.7-73.7)	62.1 (49.3-77.1)	32	11	6	15	14	0	1078	1094	-16

**Data extracted: February 15, 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