

# epiSUMMARY

## Manitoba Monthly Surveillance Report

September 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	1	0.8 (0.0-4.2)	0.8 (0.0-4.3)	0	1	0	0	0	0	1	3	-2
AMEBIASIS	1	1	0.8 (0.0-4.2)	0.8 (0.0-4.3)	1	0	0	0	0	0	19	17	2
SHIGELLOSIS	2	3	1.5 (0.2-5.5)	2.3 (0.5-6.7)	2	0	0	0	0	0	8	11	-3
E. COLI-VEROTOXIGENIC	3	6	2.3 (0.5-6.6)	4.6 (1.7-10.0)	3	0	0	0	0	0	28	35	-7
GIARDIASIS	14	10	10.6 (5.8-17.8)	7.7 (3.7-14.1)	8	1	0	1	4	0	101	77	24
CRYPTOSPORIDIOSIS	3	17	2.3 (0.5-6.6)	13.0 (7.6-20.9)	0	1	0	0	2	0	29	34	-5
CAMPYLOBACTERIOSIS	19	17	14.4 (8.7-22.5)	13.0 (7.6-20.9)	8	1	1	2	7	0	163	121	42
SALMONELLOSIS	18	20	13.6 (8.1-21.5)	15.3 (9.4-23.7)	8	2	1	3	4	0	218	164	54
<i>VPD</i>													
H. INFLUENZAE (NON-SEROTYPE B)	2	1	1.5 (0.2-5.5)	0.8 (0.0-4.3)	0	0	1	1	0	0	21	24	-3
MUMPS	1	1	0.8 (0.0-4.2)	0.8 (0.0-4.3)	1	0	0	0	0	0	2	8	-6
PERTUSSIS	15	6	11.4 (6.4-18.7)	4.6 (1.7-10.0)	7	1	2	0	5	0	89	50	39
PNEUMOCOCCAL INVASIVE DISEASE	5	8	3.8 (1.2-8.8)	6.1 (2.6-12.1)	2	1	2	0	0	0	89	86	3
<i>Respiratory Diseases and TB</i>													
TB - NON-RESP.	2	2	1.5 (0.2-5.5)	1.5 (0.2-5.5)	0	0	1	1	0	0	34	31	3

Reportable Diseases	Monthly Cases		Monthly Rate (95%CI) (Per 1,000,000)		Current Month Cases by RHA						Year-to-Date Cases		
Disease or Organism Name	Current	3-Year-Average	Current	3-Year-Average	WRHA	IERHA	NRHA	PMH	SH	Unk	2016	2015	Change
TB - RESP.	9	12	6.8 (3.1-12.9)	9.2 (4.8-16.1)	3	0	6	0	0	0	129	96	33
INFLUENZA A	1	1	0.8 (0.0-4.2)	0.8 (0.0-4.3)	0	0	0	0	1	0	855	673	182
<i>EMD and Zoonotics</i>													
LEGIONELLOSIS	1	1	0.8 (0.0-4.2)	0.8 (0.0-4.3)	0	0	0	1	0	0	1	1	0
BLASTOMYCOSIS	2	2	1.5 (0.2-5.5)	1.5 (0.2-5.5)	1	0	1	0	0	0	10	12	-2
MALARIA	2	2	1.5 (0.2-5.5)	1.5 (0.2-5.5)	2	0	0	0	0	0	18	18	0
<i>STBBI</i>													
HIV	14	9	10.6 (5.8-17.8)	6.9 (3.2-13.1)	13	1	0	0	0	0	88	78	10
GONORRHEA	271	102	205.2 (181.5-231.2)*	78.1 (63.7-94.9)	184	23	43	6	15	0	1600	784	816
CHLAMYDIA	661	593	500.6 (463.2-540.3)	454.3 (418.5-492.4)	347	56	147	68	43	0	5477	4855	622
INFECTIOUS SYPHILIS*	16	9	12.1 (6.9-19.7)	6.9 (3.2-13.1)	10	0	5	1	0	0	178	136	42
SYPHILIS (Sero-reactive)*	46	28	34.8 (25.5-46.5)	21.5 (14.3-31.0)	32	0	11	3	0	0	651	437	214
HEPATITIS B*	2	0	1.5 (0.2-5.5)	0.0 (0.0-2.8)	2	0	0	0	0	0	11	3	8
HEPATITIS C	48	28	36.4 (26.8-48.2)	21.5 (14.3-31.0)	25	8	1	10	4	0	343	296	47
<i>OTHER DISEASES</i>													
STREP. INVASIVE DISEASE (GROUP A)	25	14	18.9 (12.3-28.0)	10.7 (5.9-18.0)	7	7	7	1	3	0	159	154	5
CLOSTRIDIUM DIFFICILE	80	82	60.6 (48.0-75.4)	62.8 (50.0-78.0)	55	8	2	6	9	0	825	809	16

**Data extracted: November 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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