

# epiSUMMARY

## Manitoba Monthly Surveillance Report

January 2014

Reportable Diseases Disease or Organism Name	Monthly Cases		Monthly Rate (95%CI) (Per 1,000,000)		Current Month Cases by RHA						Year-to-Month Cases		
	Current	3-Year-Average	Current	3-Year-Average	WRHA	IERHA	NRHA	PMH	SH	Unk	2014	2013	Change
<i>Enterics</i>													
CRYPTOSPORIDIOSIS	3	1	2.3 (0.5-6.8)	0.8 (0.0-4.4)	1	0	0	1	1	0	3	1	2
AMEBIASIS	2	2	1.6 (0.2-5.6)	1.6 (0.2-5.7)	2	0	0	0	0	0	2	2	0
SHIGELLOSIS	3	4	2.3 (0.5-6.8)	3.1 (0.9-8.1)	0	1	0	1	1	0	3	4	-1
GIARDIASIS	3	7	2.3 (0.5-6.8)	5.5 (2.2-11.4)	3	0	0	0	0	0	3	9	-6
CAMPYLOBACTER	10	15	7.8 (3.7-14.3)	11.8 (6.6-19.5)	5	0	2	0	3	0	10	12	-2
SALMONELLOSIS	19	19	14.7 (8.9-23.0)	15.0 (9.0-23.4)	8	0	2	2	7	0	19	20	-1
<i>VPD</i>													
PERTUSSIS	1	1	0.8 (0.0-4.3)	0.8 (0.0-4.4)	1	0	0	0	0	0	1	0	1
H.INFLUENZAE	2	2	1.6 (0.2-5.6)	1.6 (0.2-5.7)	0	0	0	1	1	0	2	0	2
PNEUMOCOCCAL INVASIVE DISEASE	11	18	8.5 (4.3-15.3)	14.2 (8.4-22.4)	6	1	0	2	2	0	11	19	-8
<i>Respiratory Diseases and TB</i>													
TB - NON-RESP.	1	1	0.8 (0.0-4.3)	0.8 (0.0-4.4)	1	0	0	0	0	0	1	1	0
INFLUENZA B	7	8	5.4 (2.2-11.2)	6.3 (2.7-12.4)	0	0	2	0	5	0	7	21	-14
TB - RESP.	12	12	9.3 (4.8-16.3)	9.4 (4.9-16.5)	5	0	6	1	0	0	12	17	-5
INFLUENZA A	394	150	305.6 (276.2-337.3)*	118.1 (99.9-138.6)	72	38	178	65	41	0	394	361	33

Reportable Diseases	Monthly Cases		Monthly Rate (95%CI) (Per 1,000,000)		Current Month Cases by RHA						Year-to-Month Cases		
	Disease or Organism Name	Current	3-Year-Average	Current	3-Year-Average	WRHA	IERHA	NRHA	PMH	SH	Unk	2014	2013
<i>EMD and Zoonotics</i>													
DIPHYLLOBOTHRIUM SPP	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	1	0	0	0	0	0	1	1	0
MALARIA	1	1	0.8 (0.0-4.3)	0.8 (0.0-4.4)	1	0	0	0	0	0	1	1	0
DENGUE	1	1	0.8 (0.0-4.3)	0.8 (0.0-4.4)	1	0	0	0	0	0	1	1	0
STRONGYLOIDES	1	1	0.8 (0.0-4.3)	0.8 (0.0-4.4)	1	0	0	0	0	0	1	2	-1
BLASTOMYCOSIS	3	2	2.3 (0.5-6.8)	1.6 (0.2-5.7)	3	0	0	0	0	0	3	1	2
<i>Non VPD</i>													
STREP. INVASIVE DISEASE	25	19	19.4 (12.5-28.6)	15.0 (9.0-23.4)	14	4	3	1	3	0	25	21	4
<i>ARO and Nosocomial Organisms</i>													
DATA NOT AVAILABLE													
<i>STBBI</i>													
HIV	14	9	10.9 (5.9-18.2)	7.1 (3.2-13.4)	9	2	1	1	1	0	14	11	3
SYPHILIS (Sero-reactive)*	33	----	25.6 (17.6-35.9)	-----	24	0	5	2	2	0	33	15	18
HEPATITIS C	28	30	21.7 (14.4-31.4)	23.6 (15.9-33.7)	16	2	1	6	3	0	28	27	1
GONORRHEA	101	106	78.3 (63.8-95.2)	83.4 (68.3-100.9)	43	12	36	5	5	0	101	129	-28
CHLAMYDIA	584	603	453.0 (417.0-491.2)	474.7 (437.5-514.1)	261	64	194	40	25	0	584	638	-54

## 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: Due to improved testing and referral processes that took place in 2013, there was an observed increase in the number of records entered into the surveillance system. The data point shown in the table includes all reported Treponema serology-reactive individuals, however these may be infectious and non-infectious cases, as well as those requiring further public health follow-up to determine this status. These factors also make it difficult to draw a comparison to historical data, therefore statistical testing was not done.
5. Hepatitis B: This includes confirmed cases of acute infection only, where both surface antigen (HBsAG) and core antibody (Anti-HBc IgM) are positive.

### Abbreviations:

ARO	Antibiotic Resistant Organisms
CI	Confidence Interval
EMD	Environmentally Mediated Diseases
IERHA	Interlake-Eastern Regional Health Authority
MRSA	Methicillin Resistant Staphylococcus Aureus
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
VRE	Vancomycin-Resistant Enterococci
VRSA	Vancomycin Resistant Staphylococcus Aureus
WNV	West Nile Virus
WRHA	Winnipeg Regional Health Authority