

epiSUMMARY

Manitoba Monthly Surveillance Report

January 2014

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	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	Change
<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:

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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

epiSUMMARY

Manitoba Monthly Surveillance Report

February 2014

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	2014	2013	Change
<i>Enterics</i>													
HEPATITIS A	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	1	0	0	0	0	0	1	1	0
CRYPTOSPORIDIOSIS	1	1	0.8 (0.0-4.3)	0.8 (0.0-4.4)	0	0	0	0	1	0	4	2	2
SHIGELLOSIS	3	2	2.3 (0.5-6.8)	1.6 (0.2-5.7)	1	0	1	0	1	0	6	8	-2
E. COLI-VEROTOXIGENIC	5	3	3.9 (1.3-9.1)	2.4 (0.5-6.9)	3	1	0	1	0	0	5	4	1
AMEBIASIS	2	3	1.6 (0.2-5.6)	2.4 (0.5-6.9)	0	0	0	1	1	0	3	5	-2
GIARDIASIS	6	10	4.7 (1.7-10.1)	7.9 (3.8-14.5)	2	3	0	0	1	0	9	19	-10
CAMPYLOBACTER	10	15	7.8 (3.7-14.3)	11.8 (6.6-19.5)	6	0	0	0	4	0	20	34	-14
SALMONELLOSIS	22	19	17.1 (10.7-25.8)	15.0 (9.0-23.4)	10	0	3	6	3	0	35	39	-4
<i>VPD</i>													
PNEUMOCOCCAL INVASIVE DISEASE	12	10	9.3 (4.8-16.3)	7.9 (3.8-14.5)	6	0	1	1	4	0	23	28	-5
<i>Respiratory Diseases and TB</i>													
TB - NON-RESP.	4	2	3.1 (0.8-7.9)	1.6 (0.2-5.7)	3	0	1	0	0	0	5	2	3
INFLUENZA B	2	5	1.6 (0.2-5.6)	3.9 (1.3-9.2)	2	0	0	0	0	0	9	34	-25
TB - RESP.	7	10	5.4 (2.2-11.2)	7.9 (3.8-14.5)	0	0	7	0	0	0	19	29	-10
INFLUENZA A	155	31	120.2 (102.0-140.7)*	24.4 (16.6-34.6)	39	24	23	43	26	0	549	429	120

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<i>EMD and Zoonotics</i>													
TRYPANOSOMA CRUZI	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	1	0	0	0	0	0	1	1	0
BLASTOMYCOSIS	1	1	0.8 (0.0-4.3)	0.8 (0.0-4.4)	1	0	0	0	0	0	3	2	1
STRONGYLOIDES	3	2	2.3 (0.5-6.8)	1.6 (0.2-5.7)	3	0	0	0	0	0	4	3	1
<i>Non VPD</i>													
NECROTIZING FASCIITIS (STREP.)	2	1	1.6 (0.2-5.6)	0.8 (0.0-4.4)	1	1	0	0	0	0	2	7	-5
STREP. INVASIVE DISEASE	27	24	20.9 (13.8-30.5)	18.9 (12.1-28.1)	12	3	5	5	2	0	52	49	3
<i>ARO and Nosocomial Organisms</i>													
DATA NOT AVAILABLE													
<i>STBBI</i>													
HIV	13	5	10.1 (5.4-17.2)	3.9 (1.3-9.2)	12	0	0	1	0	0	27	17	10
SYPHILIS (Sero-reactive)*	54	41.9 (31.5-54.6)	43	4	3	2	2	0	86	32	54
HEPATITIS C	23	24	17.8 (11.3-26.8)	18.9 (12.1-28.1)	16	0	0	4	3	0	51	45	6
GONORRHEA	80	84	62.1 (49.2-77.2)	66.1 (52.7-81.9)	39	8	27	3	3	0	181	229	-48
CHLAMYDIA	516	522	400.2 (366.4-436.3)	410.9 (376.4-447.7)	259	41	133	47	36	0	1099	1172	-73

Data extracted: ***April 14, 2014***

Notes and Abbreviations

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VPD	Vaccine Preventable Diseases
VRE	Vancomycin-Resistant Enterococci
VRSA	Vancomycin Resistant Staphylococcus Aureus
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epiSUMMARY

Manitoba Monthly Surveillance Report

March 2014

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	2014	2013	Change
<i>Enterics</i>													
LISTERIOSIS	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	0	1	0	0	0	0	1	0	1
HEPATITIS A	2	1	1.6 (0.2-5.6)	0.8 (0.0-4.4)	2	0	0	0	0	0	4	2	2
E. COLI-VEROTOXIGENIC	4	2	3.1 (0.8-7.9)	1.6 (0.2-5.7)	4	0	0	0	0	0	10	5	5
CRYPTOSPORIDIOSIS	4	3	3.1 (0.8-7.9)	2.4 (0.5-6.9)	0	1	1	1	1	0	7	3	4
AMEBIASIS	1	3	0.8 (0.0-4.3)	2.4 (0.5-6.9)	1	0	0	0	0	0	5	5	0
SHIGELLOSIS	2	4	1.6 (0.2-5.6)	3.1 (0.9-8.1)	2	0	0	0	0	0	11	9	2
GIARDIASIS	4	9	3.1 (0.8-7.9)	7.1 (3.2-13.4)	0	1	1	1	1	0	11	25	-14
CAMPYLOBACTER	7	15	5.4 (2.2-11.2)	11.8 (6.6-19.5)	0	1	0	3	3	0	28	46	-18
SALMONELLOSIS	17	16	13.2 (7.7-21.1)	12.6 (7.2-20.5)	6	0	0	5	6	0	53	56	-3
<i>VPD</i>													
MEASLES	4	0	3.1 (0.8-7.9)	0.0 (0.0-2.9)	2	1	0	0	1	0	4	0	4
PERTUSSIS	2	1	1.6 (0.2-5.6)	0.8 (0.0-4.4)	0	1	0	0	1	0	3	2	1
H.INFLUENZAE	3	2	2.3 (0.5-6.8)	1.6 (0.2-5.7)	2	0	1	0	0	0	5	3	2
PNEUMOCOCCAL INVASIVE DISEASE	15	15	11.6 (6.5-19.2)	11.8 (6.6-19.5)	9	1	2	3	0	0	35	31	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	2014	2013	Change
PARAPERTUSSIS	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	0	1	0	0	0	0	1	0	1
TB - RESP.	12	9	9.3 (4.8-16.3)	7.1 (3.2-13.4)	3	0	8	0	1	0	31	42	-11
INFLUENZA A	64	26	49.6 (38.2-63.4)*	20.5 (13.4-30.0)	20	10	11	10	13	0	613	461	152
INFLUENZA B	4	52	3.1 (0.8-7.9)	40.9 (30.6-53.7)	2	0	1	0	1	0	13	48	-35
<i>EMD and Zoonotics</i>													
BLASTOMYCOSIS	1	1	0.8 (0.0-4.3)	0.8 (0.0-4.4)	1	0	0	0	0	0	3	3	0
STRONGYLOIDES	3	2	2.3 (0.5-6.8)	1.6 (0.2-5.7)	3	0	0	0	0	0	7	4	3
<i>Non VPD</i>													
VIRAL HEPATITIS, OTHER	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	1	0	0	0	0	0	1	0	1
STREP. INVASIVE DISEASE	27	28	20.9 (13.8-30.5)	22.0 (14.6-31.9)	16	2	3	1	4	1	78	80	-2
<i>ARO and Nosocomial Organisms</i>													
CLOSTRIDIUM DIFFICILE	87	73	67.5 (54.0-83.2)	57.5 (45.0-72.3)	49	9	3	15	11	0	231	191	40
(DATA NOT AVAILABLE FOR OTHERS)													
<i>STBBI</i>													
HIV	6	7	4.7 (1.7-10.1)	5.5 (2.2-11.4)	6	0	0	0	0	0	36	23	13
SYPHILIS (Sero-reactive)*	52	.....	40.3 (30.1-52.9)	.....	45	2	2	2	1	0	138	48	90
HEPATITIS C	43	28	33.4 (24.1-44.9)	22.0 (14.6-31.9)	33	3	2	3	2	0	94	73	21
GONORRHEA	83	94	64.4 (51.3-79.8)	74.0 (59.8-90.5)	32	8	39	2	2	0	265	331	-66
CHLAMYDIA	540	554	418.8 (384.3-455.7)	436.1 (400.5-474.0)	274	42	139	52	32	1	1643	1686	-43

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April 2014

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<i>Enterics</i>													
C. PERFRINGENS	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	0	0	0	0	1	0	1	2	-1
AMEBIASIS	1	1	0.8 (0.0-4.3)	0.8 (0.0-4.4)	1	0	0	0	0	0	6	6	0
SHIGELLOSIS	2	2	1.6 (0.2-5.6)	1.6 (0.2-5.7)	1	0	0	0	1	0	13	10	3
E. COLI-VEROTOXIGENIC	4	3	3.1 (0.8-7.9)	2.4 (0.5-6.9)	1	1	0	2	0	0	14	7	7
CRYPTOSPORIDIOSIS	6	5	4.7 (1.7-10.1)	3.9 (1.3-9.2)	1	1	1	1	2	0	13	5	8
GIARDIASIS	4	10	3.1 (0.8-7.9)	7.9 (3.8-14.5)	3	0	1	0	0	0	17	37	-20
CAMPYLOBACTER	16	16	12.4 (7.1-20.2)	12.6 (7.2-20.5)	1	6	3	2	4	0	46	61	-15
SALMONELLOSIS	12	16	9.3 (4.8-16.3)	12.6 (7.2-20.5)	7	1	1	2	1	0	67	72	-5
<i>VPD</i>													
MEASLES	4	0	3.1 (0.8-7.9)	0.0 (0.0-2.9)	3	0	0	0	1	0	8	0	8
PNEUMOCOCCAL INVASIVE DISEASE	16	17	12.4 (7.1-20.2)	13.4 (7.8-21.4)	9	2	1	2	2	0	52	48	4
<i>Respiratory Diseases and TB</i>													
TB - NON-RESP.	1	2	0.8 (0.0-4.3)	1.6 (0.2-5.7)	1	0	0	0	0	0	5	6	-1
INFLUENZA A	29	6	22.5 (15.1-32.3)*	4.7 (1.7-10.3)	7	11	2	4	5	0	642	464	178

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TB - RESP.	9	8	7.0 (3.2-13.3)	6.3 (2.7-12.4)	3	0	5	0	1	0	40	50	-10
INFLUENZA B	19	26	14.7 (8.9-23.0)	20.5 (13.4-30.0)	9	0	2	4	4	0	32	71	-39
<i>EMD and Zoonotics</i>													
DIPHYLLOBOTHRIUM SPP	1	1	0.8 (0.0-4.3)	0.8 (0.0-4.4)	1	0	0	0	0	0	2	5	-3
TRYPANOSOMA CRUZI	1	1	0.8 (0.0-4.3)	0.8 (0.0-4.4)	1	0	0	0	0	0	2	2	0
STRONGYLOIDES	2	2	1.6 (0.2-5.6)	1.6 (0.2-5.7)	2	0	0	0	0	0	9	5	4
<i>Non VPD</i>													
NECROTIZING FASCIITIS (STREP.)	1	1	0.8 (0.0-4.3)	0.8 (0.0-4.4)	0	0	1	0	0	0	2	11	-9
STREP. INVASIVE DISEASE	26	23	20.2 (13.2-29.5)	18.1 (11.5-27.2)	19	2	2	2	1	0	104	101	3
<i>ARO and Nosocomial Organisms</i>													
CLOSTRIDIUM DIFFICILE	57	80	44.2 (33.5-57.3)	63.0 (49.9-78.4)	31	2	5	13	6	0	288	263	25
(DATA NOT AVAILABLE FOR THE OTHER)													
<i>STBBI</i>													
HIV	3	8	2.3 (0.5-6.8)	6.3 (2.7-12.4)	1	1	0	1	0	0	34	37	-3
SYPHILIS (Sero-reactive)*	38	.....	29.5 (20.9-40.5)	.....	28	4	1	4	1	0	176	74	102
HEPATITIS C	29	29	22.5 (15.1-32.3)	22.8 (15.3-32.8)	19	2	1	4	3	0	123	101	22
GONORRHEA	75	88	58.2 (45.8-72.9)	69.3 (55.6-85.3)	36	4	27	5	3	0	341	439	-98
CHLAMYDIA	506	510	392.5 (359.0-428.2)	401.5 (367.4-437.8)	255	33	137	56	25	0	2150	2231	-81

Data extracted: **June 16, 2014**

Notes and Abbreviations

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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-re
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

epiSUMMARY

Manitoba Monthly Surveillance Report

May 2014

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	2014	2013	Change
Enterics													
YERSINIA ENTEROCOLITICA	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	0	0	0	0	1	0	1	1	0
CRYPTOSPORIDIOSIS	3	1	2.3 (0.5-6.8)	0.8 (0.0-4.4)	1	1	0	1	0	0	17	5	12
HEPATITIS A	2	1	1.6 (0.2-5.6)	0.8 (0.0-4.4)	2	0	0	0	0	0	6	6	0
E. COLI-VEROTOXIGENIC	3	2	2.3 (0.5-6.8)	1.6 (0.2-5.7)	2	1	0	0	0	0	17	8	9
AMEBIASIS	2	2	1.6 (0.2-5.6)	1.6 (0.2-5.7)	2	0	0	0	0	0	8	7	1
SHIGELLOSIS	2	5	1.6 (0.2-5.6)	3.9 (1.3-9.2)	1	0	0	0	1	0	15	13	2
GIARDIASIS	3	7	2.3 (0.5-6.8)	5.5 (2.2-11.4)	2	0	0	1	0	0	24	43	-19
SALMONELLOSIS	19	9	14.7 (8.9-23.0)	7.1 (3.2-13.4)	8	1	2	2	6	0	88	81	7
CAMPYLOBACTER	11	17	8.5 (4.3-15.3)	13.4 (7.8-21.4)	4	1	1	3	2	0	59	74	-15
VPD													
MENINGOCOCCAL INVASIVE DISEASE	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	0	0	0	1	0	0	1	6	-5
PERTUSSIS	1	2	0.8 (0.0-4.3)	1.6 (0.2-5.7)	0	0	0	0	1	0	5	2	3
PNEUMOCOCCAL INVASIVE DISEASE	16	14	12.4 (7.1-20.2)	11.0 (6.0-18.5)	10	1	1	3	1	0	69	65	4
Respiratory Diseases and TB													
INFLUENZA A	5	1	3.9 (1.3-9.1)	0.8 (0.0-4.4)	3	2	0	0	0	0	647	464	183

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	2014	2013	Change
TB - NON-RESP.	2	2	1.6 (0.2-5.6)	1.6 (0.2-5.7)	1	0	1	0	0	0	7	10	-3
TB - RESP.	7	11	5.4 (2.2-11.2)	8.7 (4.3-15.5)	4	0	3	0	0	0	47	63	-16
INFLUENZA B	31	17	24.0 (16.3-34.1)	13.4 (7.8-21.4)	25	2	0	2	2	0	63	97	-34
<i>EMD and Zoonotics</i>													
BLASTOMYCOSIS	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	1	0	0	0	0	0	4	5	-1
STRONGYLOIDES	1	2	0.8 (0.0-4.3)	1.6 (0.2-5.7)	1	0	0	0	0	0	10	7	3
MALARIA	7	2	5.4 (2.2-11.2)	1.6 (0.2-5.7)	7	0	0	0	0	0	8	8	0
<i>Non VPD</i>													
NECROTIZING FASCIITIS (STREP.)	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	0	0	0	1	0	0	3	12	-9
STREP. INVASIVE DISEASE	21	24	16.3 (10.1-24.9)	18.9 (12.1-28.1)	13	2	2	1	3	0	125	123	2
<i>ARO and Nosocomial Organisms</i>													
CLOSTRIDIUM DIFFICILE	75	71	58.2 (45.8-72.9)	55.9 (43.6-70.5)	39	2	3	22	9	0	363	344	19
<i>STBBI</i>													
HEPATITIS B*	2	0	1.6 (0.2-5.6)	0.0 (0.0-2.9)	1	0	0	1	0	0	2	2	0
HIV	5	7	3.9 (1.3-9.1)	5.5 (2.2-11.4)	4	0	0	0	1	0	38	47	-9
SYPHILIS (Sero-reactive)*	38	.....	29.5 (20.9-40.5)	.....	32	2	1	0	2	1	212	100	112
HEPATITIS C	26	32	20.2 (13.2-29.5)	25.2 (17.2-35.6)	23	0	0	2	1	0	149	137	12
GONORRHEA	92	98	71.4 (57.5-87.5)	77.1 (62.6-94.0)	31	7	42	9	3	0	433	533	-100
CHLAMYDIA	514	583	398.7 (365.0-434.7)	458.9 (422.4-497.7)	236	46	133	66	33	0	2665	2785	-120

Data extracted: **July 15, 2014**

Notes and Abbreviations

Notes:

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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-re
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
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VRSA	Vancomycin Resistant <i>Staphylococcus Aureus</i>
WNV	West Nile Virus
WRHA	Winnipeg Regional Health Authority

epiSUMMARY

Manitoba Monthly Surveillance Report

June 2014

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	2014	2013	Change
<i>Enterics</i>													
SHIGELLOSIS	5	2	3.9 (1.3-9.1)	1.6 (0.2-5.7)	1	0	0	0	4	0	20	14	6
CRYPTOSPORIDIOSIS	4	3	3.1 (0.8-7.9)	2.4 (0.5-6.9)	0	0	1	3	0	0	21	7	14
AMEBIASIS	1	4	0.8 (0.0-4.3)	3.1 (0.9-8.1)	0	0	0	0	1	0	9	11	-2
E. COLI-VEROTOXIGENIC	2	6	1.6 (0.2-5.6)	4.7 (1.7-10.3)	0	0	0	0	2	0	20	11	9
GIARDIASIS	7	7	5.4 (2.2-11.2)	5.5 (2.2-11.4)	4	0	0	3	0	0	31	51	-20
SALMONELLOSIS	17	14	13.2 (7.7-21.1)	11.0 (6.0-18.5)	9	1	0	3	4	0	108	98	10
CAMPYLOBACTER	15	29	11.6 (6.5-19.2)	22.8 (15.3-32.8)	3	1	0	7	4	0	74	93	-19
<i>VPD</i>													
H.INFLUENZAE	4	1	3.1 (0.8-7.9)	0.8 (0.0-4.4)	2	0	1	1	0	0	9	9	0
PERTUSSIS	1	2	0.8 (0.0-4.3)	1.6 (0.2-5.7)	1	0	0	0	0	0	7	2	5
PNEUMOCOCCAL INVASIVE DISEASE	7	10	5.4 (2.2-11.2)	7.9 (3.8-14.5)	1	1	2	2	1	0	76	77	-1
<i>Respiratory Diseases and TB</i>													
INFLUENZA B	2	0	1.6 (0.2-5.6)	0.0 (0.0-2.9)	2	0	0	0	0	0	65	98	-33
TB - NON-RESP.	7	3	5.4 (2.2-11.2)	2.4 (0.5-6.9)	6	0	1	0	0	0	14	15	-1

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	2014	2013	Change
TB - RESP.	6	8	4.7 (1.7-10.1)	6.3 (2.7-12.4)	2	0	4	0	0	0	52	77	-25
<i>EMD and Zoonotics</i>													
BRUCELLOSIS	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	0	0	0	0	1	0	1	1	0
DENGUE	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	1	0	0	0	0	0	2	5	-3
BLASTOMYCOSIS	1	1	0.8 (0.0-4.3)	0.8 (0.0-4.4)	1	0	0	0	0	0	5	7	-2
MALARIA	3	3	2.3 (0.5-6.8)	2.4 (0.5-6.9)	2	0	0	1	0	0	11	9	2
STRONGYLOIDES	3	3	2.3 (0.5-6.8)	2.4 (0.5-6.9)	3	0	0	0	0	0	13	11	2
<i>Non VPD</i>													
STAPH. TOXIC SHOCK	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	1	0	0	0	0	0	1	0	1
STREP. INVASIVE DISEASE	25	21	19.4 (12.5-28.6)	16.5 (10.2-25.3)	11	5	2	2	4	1	150	151	-1
<i>ARO and Nosocomial Organisms</i>													
CLOSTRIDIUM DIFFICILE	61	79	47.3 (36.2-60.8)	62.2 (49.2-77.5)	37	4	1	12	7	0	430	428	2
(DATA NOT AVAILABLE FOR THE OTHER)													
<i>STBBI</i>													
HIV	8	7	6.2 (2.7-12.2)	5.5 (2.2-11.4)	4	1	0	1	2	0	46	57	-11
SYPHILIS (Sero-reactive)*	31	.....	24.0 (16.3-34.1)	.....	23	2	3	1	2	0	244	114	130
HEPATITIS C	29	19	22.5 (15.1-32.3)	15.0 (9.0-23.4)	26	0	1	1	1	0	177	157	20
GONORRHEA	70	97	54.3 (42.3-68.6)	76.4 (61.9-93.1)	17	5	34	8	6	0	507	617	-110
CHLAMYDIA	511	529	396.3 (362.7-432.2)	416.4 (381.7-453.4)	241	37	146	42	45	0	3194	3244	-50

Data extracted: *August 15, 2014*

Notes and Abbreviations

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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.

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epiSUMMARY

Manitoba Monthly Surveillance Report

July 2014

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	2014	2013	Change
<i>Enterics</i>													
C. PERFRINGENS	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	0	1	0	0	0	0	2	3	-1
AMEBIASIS	4	1	3.1 (0.8-7.9)	0.8 (0.0-4.4)	3	0	0	1	0	0	14	13	1
CRYPTOSPORIDIOSIS	2	3	1.6 (0.2-5.6)	2.4 (0.5-6.9)	1	0	1	0	0	0	24	9	15
E. COLI-VEROTOXIGENIC	6	5	4.7 (1.7-10.1)	3.9 (1.3-9.2)	0	2	0	3	1	0	26	15	11
GIARDIASIS	9	7	7.0 (3.2-13.3)	5.5 (2.2-11.4)	7	0	0	1	1	0	43	56	-13
SALMONELLOSIS	25	21	19.4 (12.5-28.6)	16.5 (10.2-25.3)	10	0	0	10	5	0	135	124	11
CAMPYLOBACTER	16	30	12.4 (7.1-20.2)	23.6 (15.9-33.7)	3	2	0	7	4	0	90	120	-30
<i>VPD</i>													
MEASLES	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	1	0	0	0	0	0	9	0	9
PERTUSSIS	1	5	0.8 (0.0-4.3)	3.9 (1.3-9.2)	1	0	0	0	0	0	8	2	6
PNEUMOCOCCAL INVASIVE DISEASE	7	6	5.4 (2.2-11.2)	4.7 (1.7-10.3)	2	1	2	2	0	0	83	88	-5
<i>Respiratory Diseases and TB</i>													
TB - NON-RESP.	4	2	3.1 (0.8-7.9)	1.6 (0.2-5.7)	1	0	3	0	0	0	18	16	2
TB - RESP.	10	9	7.8 (3.7-14.3)	7.1 (3.2-13.4)	5	0	5	0	0	0	62	86	-24
<i>EMD and Zoonotics</i>													

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	2014	2013	Change
LEGIONELLA	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	1	0	0	0	0	0	1	2	-1
TULAREMIA	1	1	0.8 (0.0-4.3)	0.8 (0.0-4.4)	0	0	0	1	0	0	1	4	-3
DIPHYLLOBOTHRIUM SPP	2	1	1.6 (0.2-5.6)	0.8 (0.0-4.4)	2	0	0	0	0	0	4	9	-5
BLASTOMYCOSIS	1	2	0.8 (0.0-4.3)	1.6 (0.2-5.7)	1	0	0	0	0	0	6	11	-5
STRONGYLOIDES	1	2	0.8 (0.0-4.3)	1.6 (0.2-5.7)	0	0	0	1	0	0	15	12	3
<i>Non VPD</i>													
VIRAL HEPATITIS, OTHER	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	0	0	0	0	1	0	2	0	2
STREP. INVASIVE DISEASE	18	24	14.0 (8.3-22.1)	18.9 (12.1-28.1)	11	0	4	1	2	0	169	179	-10
<i>ARO and Nosocomial Organisms</i>													
CLOSTRIDIUM DIFFICILE	71	72	55.1 (43.0-69.5)	56.7 (44.3-71.4)	40	10	1	14	6	0	502	511	-9
(DATA NOT AVAILABLE FOR THE OTHER)													
<i>STBBI</i>													
HIV	5	7	3.9 (1.3-9.1)	5.5 (2.2-11.4)	5	0	0	0	0	0	51	69	-18
SYPHILIS (Sero-reactive)*	24	.....	18.6 (11.9-27.7)	.....	24	0	0	0	0	0	268	133	135
HEPATITIS C	31	27	24.0 (16.3-34.1)	21.3 (14.0-30.9)	20	2	3	3	3	0	209	186	23
GONORRHEA	84	109	65.2 (52.0-80.7)	85.8 (70.5-103.5)	34	6	29	10	5	0	591	740	-149
CHLAMYDIA	434	536	336.6 (305.7-369.8)	421.9 (387.0-459.2)	238	34	92	39	31	0	3628	3754	-126

Data extracted: September 15, 2014

Notes and Abbreviations

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epiSUMMARY

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August 2014

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Disease or Organism Name	Current	3-Year-Average	Current	3-Year-Average	WRHA	IERHA	NRHA	PMH	SH	Unk	2014	2013	Change
<i>Enterics</i>													
HEPATITIS A	1	1	0.8 (0.0-4.3)	0.8 (0.0-4.4)	0	0	0	1	0	0	7	7	0
AMEBIASIS	2	2	1.6 (0.2-5.6)	1.6 (0.2-5.7)	2	0	0	0	0	0	17	14	3
E. COLI-VEROTOXIGENIC	3	4	2.3 (0.5-6.8)	3.1 (0.9-8.1)	1	0	0	0	2	0	29	20	9
SHIGELLOSIS	3	4	2.3 (0.5-6.8)	3.1 (0.9-8.1)	3	0	0	0	0	0	23	19	4
CRYPTOSPORIDIOSIS	22	5	17.1 (10.7-25.8)*	3.9 (1.3-9.2)	6	2	6	4	4	0	51	16	35
GIARDIASIS	6	15	4.7 (1.7-10.1)	11.8 (6.6-19.5)	4	0	2	0	0	0	54	73	-19
SALMONELLOSIS	16	18	12.4 (7.1-20.2)	14.2 (8.4-22.4)	8	0	0	2	6	0	152	146	6
CAMPYLOBACTER	25	39	19.4 (12.5-28.6)	30.7 (21.8-42.0)	7	3	2	6	7	0	116	152	-36
<i>VPD</i>													
PNEUMOCOCCAL INVASIVE DISEASE	3	9	2.3 (0.5-6.8)	7.1 (3.2-13.4)	3	0	0	0	0	0	87	97	-10
<i>Respiratory Diseases and TB</i>													
TB (DATA NOT AVAILABLE)													
<i>EMD and Zoonotics</i>													
TULAREMIA	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	1	0	0	0	0	0	2	4	-2
MALARIA	4	1	3.1 (0.8-7.9)	0.8 (0.0-4.4)	4	0	0	0	0	0	15	10	5

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	2014	2013	Change
LYME DISEASE	1	2	0.8 (0.0-4.3)	1.6 (0.2-5.7)	0	0	0	0	1	0	10	14	-4
BLASTOMYCOSIS	2	2	1.6 (0.2-5.6)	1.6 (0.2-5.7)	1	0	0	0	1	0	8	13	-5
STRONGYLOIDES	2	3	1.6 (0.2-5.6)	2.4 (0.5-6.9)	2	0	0	0	0	0	17	16	1
WNV NEUROLOGICAL SYNDROME	1	2	0.8 (0.0-4.3)	1.6 (0.2-5.7)	1	0	0	0	0	0	1	1	0
<i>Non VPD</i>													
STREP. TOXIC SHOCK SYNDROME	2	0	1.6 (0.2-5.6)	0.0 (0.0-2.9)	1	0	0	1	0	0	2	3	-1
NECROTIZING FASCIITIS (STREP.)	1	1	0.8 (0.0-4.3)	0.8 (0.0-4.4)	0	0	1	0	0	0	4	15	-11
STREP. INVASIVE DISEASE	23	30	17.8 (11.3-26.8)	23.6 (15.9-33.7)	14	3	3	1	2	0	192	206	-14
<i>ARO and Nosocomial Organisms</i>													
CLOSTRIDIUM DIFFICILE	61	61	47.3 (36.2-60.8)	48.0 (36.7-61.7)	40	4	2	4	11	0	564	577	-13
(DATA NOT AVAILABLE FOR THE OTHER)													
<i>STBBI</i>													
HEPATITIS B*	2	1	1.6 (0.2-5.6)	0.8 (0.0-4.4)	0	0	0	0	2	0	4	6	-2
HIV	10	8	7.8 (3.7-14.3)	6.3 (2.7-12.4)	7	1	0	0	2	0	61	79	-18
SYPHILIS (Sero-reactive)*	15	.....	11.6 (6.5-19.2)	.....	12	1	1	1	0	0	283	155	128
HEPATITIS C	34	26	26.4 (18.3-36.9)	20.5 (13.4-30.0)	26	1	3	3	1	0	243	210	33
GONORRHEA	92	112	71.4 (57.5-87.5)	88.2 (72.6-106.1)	43	13	27	6	3	0	683	828	-145
CHLAMYDIA	483	559	374.6 (342.0-409.6)	440.0 (404.3-478.1)	236	44	109	58	36	0	4111	4275	-164

Data extracted: *October 15, 2014*

Notes and Abbreviations

Notes:

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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
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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

epiSUMMARY

Manitoba Monthly Surveillance Report

September 2014

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	2014	2013	Change
<i>Enterics</i>													
C. PERFRINGENS	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	1	0	0	0	0	0	3	3	0
AMEBIASIS	3	3	2.3 (0.5-6.8)	2.4 (0.5-6.9)	2	0	0	1	0	0	21	14	7
SHIGELLOSIS	6	5	4.7 (1.7-10.1)	3.9 (1.3-9.2)	1	0	4	0	1	0	29	21	8
CRYPTOSPORIDIOSIS	28	6	21.7 (14.4-31.4)*	4.7 (1.7-10.3)	10	4	9	2	3	0	89	28	61
E. COLI-VEROTOXIGENIC	2	8	1.6 (0.2-5.6)	6.3 (2.7-12.4)	2	0	0	0	0	0	32	27	5
GIARDIASIS	5	11	3.9 (1.3-9.1)	8.7 (4.3-15.5)	2	0	1	0	2	0	60	82	-22
SALMONELLOSIS	19	17	14.7 (8.9-23.0)	13.4 (7.8-21.4)	10	2	0	5	2	0	173	173	0
CAMPYLOBACTER	16	28	12.4 (7.1-20.2)	22.0 (14.6-31.9)	7	2	0	1	6	0	133	170	-37
<i>VPD</i>													
MENINGOCOCCAL INVASIVE DISEASE	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	0	0	0	0	1	0	2	7	-5
PNEUMOCOCCAL INVASIVE DISEASE	12	9	9.3 (4.8-16.3)	7.1 (3.2-13.4)	8	0	2	0	2	0	100	105	-5
<i>Respiratory Diseases and TB</i>													
INFLUENZA A	1	1	0.8 (0.0-4.3)	0.8 (0.0-4.4)	0	0	1	0	0	0	648	467	181
TB (DATA NOT AVAILABLE)													
<i>EMD and Zoonotics</i>													
LEGIONELLA	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	0	1	0	0	0	0	2	3	-1

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	2014	2013	Change
LYME DISEASE	1	1	0.8 (0.0-4.3)	0.8 (0.0-4.4)	0	0	0	1	0	0	12	15	-3
BLASTOMYCOSIS	2	2	1.6 (0.2-5.6)	1.6 (0.2-5.7)	2	0	0	0	0	0	10	15	-5
MALARIA	3	2	2.3 (0.5-6.8)	1.6 (0.2-5.7)	2	0	0	0	1	0	18	10	8
STRONGYLOIDES	3	2	2.3 (0.5-6.8)	1.6 (0.2-5.7)	3	0	0	0	0	0	20	18	2
<i>Non VPD</i>													
NECROTIZING FASCIITIS (STREP.)	2	0	1.6 (0.2-5.6)	0.0 (0.0-2.9)	1	0	0	0	1	0	6	16	-10
STREP. INVASIVE DISEASE	31	25	24.0 (16.3-34.1)	19.7 (12.7-29.1)	17	4	4	2	4	0	223	229	-6
<i>ARO and Nosocomial Organisms</i>													
CLOSTRIDIUM DIFFICILE	93	72	72.1 (58.2-88.4)	56.7 (44.3-71.4)	55	8	3	15	12	0	659	649	10
<i>STBBI</i>													
HIV	7	7	5.4 (2.2-11.2)	5.5 (2.2-11.4)	4	0	0	3	0	0	68	91	-23
SYPHILIS (Sero-reactive)*	24	.....	18.6 (11.9-27.7)	.....	19	0	3	1	1	0	306	175	131
HEPATITIS C	27	24	20.9 (13.8-30.5)	18.9 (12.1-28.1)	18	3	3	2	1	0	273	229	44
GONORRHEA	113	121	87.6 (72.2-105.4)	95.2 (79.0-113.8)	62	4	39	7	1	0	796	937	-141
CHLAMYDIA	594	571	460.7 (424.4-499.3)	449.5 (413.4-487.9)	290	36	167	61	40	0	4707	4845	-138

Data extracted: November 17, 2014

Notes and Abbreviations

Notes:

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5. Hepatitis B: This includes confirmed cases of acute infection only, where both surface antigen (HBsAG) and core antibody (Anti-HBc IgM) are positive.

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epiSUMMARY

Manitoba Monthly Surveillance Report

October 2014

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	2014	2013	Change
<i>Enterics</i>													
CRYPTOSPORIDIOSIS	17	2	13.2 (7.7-21.1)*	1.6 (0.2-5.7)	5	1	4	6	1	0	109	33	76
AMEBIASIS	1	3	0.8 (0.0-4.3)	2.4 (0.5-6.9)	1	0	0	0	0	0	23	15	8
SHIGELLOSIS	3	5	2.3 (0.5-6.8)	3.9 (1.3-9.2)	1	0	2	0	0	0	32	22	10
GIARDIASIS	6	7	4.7 (1.7-10.1)	5.5 (2.2-11.4)	4	0	0	1	1	0	66	87	-21
SALMONELLOSIS	12	13	9.3 (4.8-16.3)	10.2 (5.4-17.5)	8	0	1	2	1	0	186	195	-9
CAMPYLOBACTER	8	21	6.2 (2.7-12.2)	16.5 (10.2-25.3)	3	0	1	2	2	0	142	184	-42
<i>VPD</i>													
MENINGOCOCCAL INVASIVE DISEASE	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	0	1	0	0	0	0	3	7	-4
H.INFLUENZAE	2	2	1.6 (0.2-5.6)	1.6 (0.2-5.7)	1	0	1	0	0	0	11	12	-1
PNEUMOCOCCAL INVASIVE DISEASE	13	12	10.1 (5.4-17.2)	9.4 (4.9-16.5)	4	1	1	4	3	0	113	116	-3
<i>Respiratory Diseases and TB</i>													
INFLUENZA B	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	1	0	0	0	0	0	66	100	-34
TB (DATA NOT AVAILABLE)													

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	2014	2013	Change
<i>EMD and Zoonotics</i>													
BLASTOMYCOSIS	1	1	0.8 (0.0-4.3)	0.8 (0.0-4.4)	1	0	0	0	0	0	11	17	-6
STRONGYLOIDES	1	3	0.8 (0.0-4.3)	2.4 (0.5-6.9)	1	0	0	0	0	0	21	20	1
<i>Non VPD</i>													
NECROTIZING FASCIITIS (STREP.)	1	1	0.8 (0.0-4.3)	0.8 (0.0-4.4)	0	0	1	0	0	0	7	17	-10
STREP. INVASIVE DISEASE	22	28	17.1 (10.7-25.8)	22.0 (14.6-31.9)	15	5	1	0	1	0	244	250	-6
<i>ARO and Nosocomial Organisms</i>													
CLOSTRIDIUM DIFFICILE	76	66	58.9 (46.4-73.8)	52.0 (40.2-66.1)	51	6	1	6	12	0	733	723	10
(DATA NOT AVAILABLE FOR THE OTHER)													
<i>STBBI</i>													
HIV	9	11	7.0 (3.2-13.3)	8.7 (4.3-15.5)	8	0	0	0	1	0	76	103	-27
SYPHILIS (Sero-reactive)*	37	.....	28.7 (20.2-39.6)	.....	29	2	2	2	2	0	343	201	142
HEPATITIS C	26	31	20.2 (13.2-29.5)	24.4 (16.6-34.6)	20	0	2	1	3	0	299	263	36
GONORRHEA	102	107	79.1 (64.5-96.0)	84.2 (69.0-101.8)	44	10	39	6	3	0	898	1051	-153
CHLAMYDIA	598	596	463.8 (427.4-502.5)	469.2 (432.2-508.4)	313	51	141	47	46	0	5304	5454	-150

Data extracted: December 12, 2014

Notes and Abbreviations

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epiSUMMARY

Manitoba Monthly Surveillance Report

November 2014

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	2014	2013	Change
<i>Enterics</i>													
HEPATITIS A	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	1	0	0	0	0	0	8	11	-3
LISTERIOSIS	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	1	0	0	0	0	0	2	2	0
AMEBIASIS	1	2	0.8 (0.0-4.3)	1.6 (0.2-5.7)	1	0	0	0	0	0	24	18	6
E. COLI-VEROTOXIGENIC	2	2	1.6 (0.2-5.6)	1.6 (0.2-5.7)	1	0	0	0	1	0	35	27	8
CRYPTOSPORIDIOSIS	1	3	0.8 (0.0-4.3)	2.4 (0.5-6.9)	0	0	1	0	0	0	110	39	71
GIARDIASIS	7	7	5.4 (2.2-11.2)	5.5 (2.2-11.4)	4	0	0	0	3	0	74	90	-16
SALMONELLOSIS	15	14	11.6 (6.5-19.2)	11.0 (6.0-18.5)	5	2	0	5	3	0	202	209	-7
CAMPYLOBACTER	11	16	8.5 (4.3-15.3)	12.6 (7.2-20.5)	4	1	0	1	5	0	155	198	-43
<i>VPD</i>													
PNEUMOCOCCAL INVASIVE DISEASE	8	9	6.2 (2.7-12.2)	7.1 (3.2-13.4)	4	0	2	1	1	0	121	126	-5
<i>Respiratory Diseases and TB</i>													
PARAPERTUSSIS	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	0	0	0	0	1	0	3	3	0
INFLUENZA A	15	4	11.6 (6.5-19.2)	3.1 (0.9-8.1)	7	0	1	7	0	0	669	475	194
TB - RESP.	13	8	10.1 (5.4-17.2)	6.3 (2.7-12.4)	4	0	9	0	0	0	110	127	-17
<i>EMD and Zoonotics</i>													

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BLASTOMYCOSIS	1	1	0.8 (0.0-4.3)	0.8 (0.0-4.4)	1	0	0	0	0	0	12	19	-7
MALARIA	2	1	1.6 (0.2-5.6)	0.8 (0.0-4.4)	1	0	1	0	0	0	20	12	8
STRONGYLOIDES	1	4	0.8 (0.0-4.3)	3.1 (0.9-8.1)	1	0	0	0	0	0	22	24	-2
<i>Non VPD</i>													
STREP. TOXIC SHOCK SYNDROME	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	0	0	0	0	1	0	3	3	0
NECROTIZING FASCIITIS (STREP.)	2	0	1.6 (0.2-5.6)	0.0 (0.0-2.9)	0	0	0	2	0	0	9	17	-8
STREP. INVASIVE DISEASE	19	26	14.7 (8.9-23.0)	20.5 (13.4-30.0)	15	1	2	1	0	0	263	283	-20
<i>ARO and Nosocomial Organisms</i>													
CLOSTRIDIUM DIFFICILE	64	77	49.6 (38.2-63.4)	60.6 (47.8-75.8)	35	6	1	13	9	0	797	797	0
(DATA NOT AVAILABLE FOR THE OTHER)													
<i>STBBI</i>													
HIV	5	8	3.9 (1.3-9.1)	6.3 (2.7-12.4)	3	1	0	1	0	0	81	112	-31
SYPHILIS (Sero-reactive)*	31	.....	24.0 (16.3-34.1)	.....	24	2	4	0	1	0	374	225	149
HEPATITIS C	24	24	18.6 (11.9-27.7)	18.9 (12.1-28.1)	19	0	2	2	1	0	323	280	43
GONORRHEA	121	106	93.9 (77.9-112.1)	83.4 (68.3-100.9)	48	7	51	5	10	0	1020	1151	-131
CHLAMYDIA	510	570	395.6 (362.0-431.4)	448.7 (412.6-487.1)	261	42	127	51	29	0	5819	5977	-158

Data extracted: *January 15, 2015*

Notes and Abbreviations

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epiSUMMARY

Manitoba Monthly Surveillance Report

December 2014

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Disease or Organism Name	Current	3-Year-Average	Current	3-Year-Average	WRHA	IERHA	NRHA	PMH	SH	Unk	2014	2013	Change
<i>Enterics</i>													
SHIGELLOSIS	1	2	0.8 (0.0-4.3)	1.6 (0.2-5.7)	0	0	1	0	0	0	33	25	8
AMEBIASIS	1	3	0.8 (0.0-4.3)	2.4 (0.5-6.9)	1	0	0	0	0	0	25	20	5
GIARDIASIS	6	5	4.7 (1.7-10.1)	3.9 (1.3-9.2)	2	0	0	0	4	0	82	93	-11
CAMPYLOBACTER	11	10	8.5 (4.3-15.3)	7.9 (3.8-14.5)	1	1	0	4	5	0	167	209	-42
SALMONELLOSIS	20	16	15.5 (9.5-24.0)	12.6 (7.2-20.5)	9	0	3	6	2	0	226	230	-4
<i>VPD</i>													
H.INFLUENZAE	1	1	0.8 (0.0-4.3)	0.8 (0.0-4.4)	0	0	0	1	0	0	12	14	-2
PERTUSSIS	3	4	2.3 (0.5-6.8)	3.1 (0.9-8.1)	2	0	0	0	1	0	14	6	8
PNEUMOCOCCAL INVASIVE DISEASE	12	9	9.3 (4.8-16.3)	7.1 (3.2-13.4)	8	2	0	0	2	0	134	132	2
<i>Respiratory Diseases and TB</i>													
TB - NON-RESP.	2	1	1.6 (0.2-5.6)	0.8 (0.0-4.4)	0	0	2	0	0	0	22	25	-3
INFLUENZA B	6	4	4.7 (1.7-10.1)	3.1 (0.9-8.1)	3	2	0	1	0	0	72	104	-32
TB - RESP.	6	13	4.7 (1.7-10.1)	10.2 (5.4-17.5)	3	0	3	0	0	0	116	144	-28
INFLUENZA A	409	47	317.2 (287.2-349.5)*	37.0 (27.2-49.2)	183	42	46	101	37	0	1076	516	560
<i>EMD and Zoonotics</i>													

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Disease or Organism Name	Current	3-Year-Average	Current	3-Year-Average	WRHA	IERHA	NRHA	PMH	SH	Unk	2014	2013	Change
BLASTOMYCOSIS	3	2	2.3 (0.5-6.8)	1.6 (0.2-5.7)	2	0	0	0	1	0	15	20	-5
<i>Non VPD</i>													
STREP. INVASIVE DISEASE	19	24	14.7 (8.9-23.0)	18.9 (12.1-28.1)	11	0	3	3	2	0	282	314	-32
<i>ARO and Nosocomial Organisms</i>													
CLOSTRIDIUM DIFFICILE	82	62	63.6 (50.6-78.9)	48.8 (37.4-62.6)	41	10	1	20	10	0	879	855	24
(DATA NOT AVAILABLE FOR THE OTHER)													
<i>STBBI</i>													
HIV	10	5	7.8 (3.7-14.3)	3.9 (1.3-9.2)	5	2	1	2	0	0	92	118	-26
SYPHILIS (Sero-reactive)*	33	.....	25.6 (17.6-35.9)	.....	25	1	4	1	2	0	407	247	160
HEPATITIS C	26	24	20.2 (13.2-29.5)	18.9 (12.1-28.1)	17	2	1	4	2	0	348	306	42
GONORRHEA	85	83	65.9 (52.7-81.5)	65.3 (52.0-81.0)	43	3	30	9	0	0	1105	1215	-110
CHLAMYDIA	455	446	352.9 (321.2-386.9)	351.1 (319.3-385.2)	227	24	123	40	40	1	6283	6426	-143

Data extracted: February 13, 2015

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 <i>Staphylococcus Aureus</i>
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 <i>Enterococci</i>
VRSA	Vancomycin Resistant <i>Staphylococcus Aureus</i>
WNV	West Nile Virus
WRHA	Winnipeg Regional Health Authority