

# epiSUMMARY

## Manitoba Monthly Surveillance Report

January 2015

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	2015	2014	Change
<b>Enterics</b>													
LISTERIOSIS	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	1	0	0	0	0	0	1	0	1
CRYPTOSPORIDIOSIS	1	1	0.8 (0.0-4.3)	0.8 (0.0-4.3)	1	0	0	0	0	0	1	1	0
E. COLI-VEROTOXIGENIC	1	3	0.8 (0.0-4.3)	2.3 (0.5-6.8)	1	0	0	0	0	0	1	2	-1
SHIGELLOSIS	1	3	0.8 (0.0-4.3)	2.3 (0.5-6.8)	1	0	0	0	0	0	1	3	-2
GIARDIASIS	4	7	3.1 (0.8-7.8)	5.4 (2.2-11.2)	2	0	0	1	1	0	4	6	-2
CAMPYLOBACTER	6	13	4.6 (1.7-10.0)	10.1 (5.4-17.2)	1	0	0	4	1	0	6	12	-6
SALMONELLOSIS	14	18	10.7 (5.9-18.0)	14.0 (8.3-22.1)	9	1	1	3	0	0	14	16	-2
<b>VPD</b>													
TYPHOID	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	1	0	0	0	0	0	1	0	1
H. INFLUENZAE (NON-SEROTYPE B)	1	1	0.8 (0.0-4.3)	0.8 (0.0-4.3)	0	0	1	0	0	0	1	2	-1
MUMPS	1	3	0.8 (0.0-4.3)	2.3 (0.5-6.8)	1	0	0	0	0	0	1	0	1
PNEUMOCOCCAL INVASIVE DISEASE	9	16	6.9 (3.2-13.1)	12.4 (7.1-20.2)	7	1	0	1	0	0	9	11	-2
<b>Respiratory Diseases and TB</b>													
TB - NON-RESP.	2	1	1.5 (0.2-5.5)	0.8 (0.0-4.3)	2	0	0	0	0	0	2	1	1
INFLUENZA B	21	10	16.1 (10.0-24.6)	7.8 (3.7-14.3)	5	10	2	2	2	0	21	7	14

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	2015	2014	Change
TB - RESP.	6	13	4.6 (1.7-10.0)	10.1 (5.4-17.2)	3	0	2	0	1	0	6	13	-7
INFLUENZA A	580	255	444.0 (408.6-481.6)*	197.8 (174.3-223.7)	221	53	74	122	109	1	580	398	182
<i>EMD and Zoonotics</i>													
MALARIA	2	1	1.5 (0.2-5.5)	0.8 (0.0-4.3)	2	0	0	0	0	0	2	1	1
BLASTOMYCOSIS	2	1	1.5 (0.2-5.5)	0.8 (0.0-4.3)	2	0	0	0	0	0	2	1	1
<i>STBBI</i>													
HIV	6	10	4.6 (1.7-10.0)	7.8 (3.7-14.3)	5	0	0	1	0	0	6	12	-6
SYPHILIS (Sero-reactive)*	66	.....	50.5 (39.1-64.3)	.....	50	3	7	2	4	0	66	32	34
HEPATITIS C	25	31	19.1 (12.4-28.3)	24.0 (16.3-34.1)	13	7	2	2	1	0	25	28	-3
GONORRHEA	98	112	75.0 (60.9-91.4)	86.9 (71.5-104.6)	39	4	47	6	1	1	98	108	-10
CHLAMYDIA	597	611	457.0 (421.1-495.2)	474.0 (437.2-513.1)	287	49	155	57	48	1	597	617	-20
<i>OTHER DISEASES</i>													
STREP. INVASIVE DISEASE (GROUP A)	19	10	14.5 (8.8-22.7)	7.8 (3.7-14.3)	13	1	1	2	2	0	19	12	7
CLOSTRIDIUM DIFFICILE	70	77	53.6 (41.8-67.7)	59.7 (47.1-74.7)	45	7	2	8	8	0	70	79	-9

**Data extracted:**        **March 16, 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.
6. Since the reportable diseases' list was updated in January 2015, this monthly report was correspondingly modified.
7. The two categories "ARO and Nosocomial Organisms" and "Non VPD" have been combined to the category "Other diseases" since Jan 2015.

### 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

# epiSUMMARY

## Manitoba Monthly Surveillance Report

February 2015

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	2015	2014	Change
<i>Enterics</i>													
CRYPTOSPORIDIOSIS	2	1	1.5 (0.2-5.5)	0.8 (0.0-4.3)	2	0	0	0	0	0	3	3	0
SHIGELLOSIS	3	3	2.3 (0.5-6.7)	2.3 (0.5-6.8)	1	0	1	0	1	0	4	8	-4
GIARDIASIS	4	10	3.1 (0.8-7.8)	7.8 (3.7-14.3)	3	0	1	0	0	0	9	11	-2
CAMPYLOBACTER	9	12	6.9 (3.2-13.1)	9.3 (4.8-16.3)	5	0	0	0	4	0	19	21	-2
SALMONELLOSIS	16	19	12.2 (7.0-19.9)	14.7 (8.9-23.0)	9	0	0	4	3	0	31	39	-8
<i>VPD</i>													
MEASLES	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	1	0	0	0	0	0	1	0	1
MENINGOCOCCAL INVASIVE DISEASE	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	1	0	0	0	0	0	2	0	2
H. INFLUENZAE (NON-SEROTYPE B)	5	0	3.8 (1.2-8.9)	0.0 (0.0-2.9)	1	1	1	0	2	0	6	1	5
MUMPS	4	0	3.1 (0.8-7.8)	0.0 (0.0-2.9)	1	0	0	1	2	0	4	0	4
TYPHOID	3	1	2.3 (0.5-6.7)	0.8 (0.0-4.3)	3	0	0	0	0	0	4	0	4
PNEUMOCOCCAL INVASIVE DISEASE	4	9	3.1 (0.8-7.8)	7.0 (3.2-13.3)	2	1	0	1	0	0	13	21	-8
<i>Respiratory Diseases and TB</i>													
TB - NON-RESP.	4	2	3.1 (0.8-7.8)	1.6 (0.2-5.6)	4	0	0	0	0	0	6	4	2
INFLUENZA B	18	6	13.8 (8.2-21.8)	4.7 (1.7-10.1)	10	2	4	1	1	0	39	9	30

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TB - RESP.	12	9	9.2 (4.7-16.0)	7.0 (3.2-13.3)	2	0	8	1	1	0	18	20	-2
INFLUENZA A	77	75	58.9 (46.5-73.7)	58.2 (45.8-72.9)	27	9	1	24	16	0	655	553	102
<i>EMD and Zoonotics</i>													
LEGIONELLA	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	1	0	0	0	0	0	1	0	1
BLASTOMYCOSIS	2	1	1.5 (0.2-5.5)	0.8 (0.0-4.3)	1	0	1	0	0	0	4	2	2
<i>STBBI</i>													
HIV	9	7	6.9 (3.2-13.1)	5.4 (2.2-11.2)	4	2	3	0	0	0	15	22	-7
SYPHILIS (Sero-reactive)*	53	.....	40.6 (30.4-53.1)	.....	39	3	5	5	1	0	119	84	35
HEPATITIS C	32	26	24.5 (16.8-34.6)	20.2 (13.2-29.6)	18	4	3	5	2	0	57	51	6
GONORRHEA	72	89	55.1 (43.1-69.4)	69.0 (55.5-85.0)	29	8	31	2	2	0	170	188	-18
CHLAMYDIA	522	518	399.6 (366.1-435.4)	401.9 (368.0-438.0)	256	53	120	44	49	0	1119	1132	-13
<i>OTHER DISEASES</i>													
STREP. INVASIVE DISEASE (GROUP A)	19	12	14.5 (8.8-22.7)	9.3 (4.8-16.3)	9	1	5	4	0	0	37	24	13
CLOSTRIDIUM DIFFICILE	74	68	56.6 (44.5-71.1)	52.8 (41.0-66.9)	46	8	5	8	7	0	144	150	-6

**Data extracted:**      *April 15, 2015*

## **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-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.
6. Since the reportable diseases' list was updated in January 2015, this monthly report was correspondingly modified.
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WRHA	Winnipeg Regional Health Authority

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## Manitoba Monthly Surveillance Report

March 2015

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	2015	2014	Change
<i>Enterics</i>													
AMEBIASIS	1	2	0.8 (0.0-4.3)	1.6 (0.2-5.6)	1	0	0	0	0	0	1	6	-5
E. COLI-VEROTOXIGENIC	1	3	0.8 (0.0-4.3)	2.3 (0.5-6.8)	0	0	0	0	1	0	3	10	-7
SHIGELLOSIS	1	3	0.8 (0.0-4.3)	2.3 (0.5-6.8)	1	0	0	0	0	0	5	10	-5
CRYPTOSPORIDIOSIS	4	4	3.1 (0.8-7.8)	3.1 (0.8-7.9)	1	0	1	0	2	0	7	8	-1
GIARDIASIS	6	7	4.6 (1.7-10.0)	5.4 (2.2-11.2)	3	0	0	2	1	0	15	20	-5
CAMPYLOBACTER	9	12	6.9 (3.2-13.1)	9.3 (4.8-16.3)	4	1	1	1	2	0	28	31	-3
SALMONELLOSIS	23	16	17.6 (11.2-26.4)	12.4 (7.1-20.2)	15	2	0	3	3	0	55	56	-1
<i>VPD</i>													
H. INFLUENZAE (NON-SEROTYPE B)	2	2	1.5 (0.2-5.5)	1.6 (0.2-5.6)	1	1	0	0	0	0	8	3	5
PNEUMOCOCCAL INVASIVE DISEASE	8	14	6.1 (2.6-12.1)	10.9 (5.9-18.2)	2	1	3	0	2	0	22	38	-16
<i>Respiratory Diseases and TB</i>													
TB - NON-RESP.	1	2	0.8 (0.0-4.3)	1.6 (0.2-5.6)	1	0	0	0	0	0	7	4	3
TB - RESP.	6	11	4.6 (1.7-10.0)	8.5 (4.3-15.3)	3	0	3	0	0	0	24	32	-8
INFLUENZA A	10	45	7.7 (3.7-14.1)	34.9 (25.5-46.7)	4	1	0	1	4	0	665	617	48
INFLUENZA B	55	52	42.1 (31.7-54.8)	40.3 (30.1-52.9)	18	4	14	11	8	0	94	13	81

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<b><i>EMD and Zoonotics</i></b>													
BLASTOMYCOSIS	3	1	2.3 (0.5-6.7)	0.8 (0.0-4.3)	2	1	0	0	0	0	7	3	4
MALARIA	1	1	0.8 (0.0-4.3)	0.8 (0.0-4.3)	1	0	0	0	0	0	3	1	2
<b><i>STBBI</i></b>													
HIV	15	6	11.5 (6.4-18.9)	4.7 (1.7-10.1)	11	1	1	0	2	0	30	26	4
SYPHILIS (Sero-reactive)*	66	.....	50.5 (39.1-64.3)	.....	51	3	7	4	1	0	185	135	50
HEPATITIS C	33	33	25.3 (17.4-35.5)	25.6 (17.6-36.0)	20	5	2	5	1	0	90	95	-5
GONORRHEA	101	95	77.3 (63.0-93.9)	73.7 (59.6-90.1)	42	7	42	4	6	0	271	272	-1
CHLAMYDIA	578	536	442.5 (407.1-480.0)	415.8 (381.4-452.6)	271	53	139	78	37	0	1698	1673	25
<b><i>OTHER DISEASES</i></b>													
STREP. INVASIVE DISEASE (GROUP A)	13	13	10.0 (5.3-17.0)	10.1 (5.4-17.2)	8	1	4	0	0	0	50	34	16
CLOSTRIDIUM DIFFICILE	77	77	58.9 (46.5-73.7)	59.7 (47.1-74.7)	49	5	1	9	13	0	221	239	-18



**Data extracted:**                      **May 15, 2015**

## **Notes and Abbreviations**

### Notes:

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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.
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## Manitoba Monthly Surveillance Report

April 2015

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	2015	2014	Change
<i>Enterics</i>													
AMEBIASIS	2	2	1.5 (0.2-5.5)	1.6 (0.2-5.6)	2	0	0	0	0	0	4	9	-5
E. COLI-VEROTOXIGENIC	2	2	1.5 (0.2-5.5)	1.6 (0.2-5.6)	0	0	0	0	2	0	5	14	-9
SHIGELLOSIS	2	3	1.5 (0.2-5.5)	2.3 (0.5-6.8)	1	0	1	0	0	0	7	13	-6
CRYPTOSPORIDIOSIS	3	6	2.3 (0.5-6.7)	4.7 (1.7-10.1)	0	1	0	2	0	0	10	14	-4
GIARDIASIS	4	9	3.1 (0.8-7.8)	7.0 (3.2-13.3)	4	0	0	0	0	0	21	24	-3
CAMPYLOBACTER	14	13	10.7 (5.9-18.0)	10.1 (5.4-17.2)	2	4	0	5	3	0	42	48	-6
SALMONELLOSIS	20	15	15.3 (9.4-23.6)	11.6 (6.5-19.2)	10	0	0	4	6	0	78	69	9
<i>VPD</i>													
H. INFLUENZAE (SEROTYPE B)	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	0	0	1	0	0	0	1	1	0
H. INFLUENZAE (NON-SEROTYPE B)	1	1	0.8 (0.0-4.3)	0.8 (0.0-4.3)	1	0	0	0	0	0	9	3	6
MENINGOCOCCAL INVASIVE DISEASE	1	1	0.8 (0.0-4.3)	0.8 (0.0-4.3)	0	0	1	0	0	0	3	0	3
MEASLES	1	1	0.8 (0.0-4.3)	0.8 (0.0-4.3)	1	0	0	0	0	0	2	8	-6
PERTUSSIS	2	2	1.5 (0.2-5.5)	1.6 (0.2-5.6)	0	0	0	1	1	0	3	4	-1
PNEUMOCOCCAL INVASIVE DISEASE	12	17	9.2 (4.7-16.0)	13.2 (7.7-21.1)	8	0	3	0	1	0	34	55	-21
<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	2015	2014	Change
TB - NON-RESP.	3	1	2.3 (0.5-6.7)	0.8 (0.0-4.3)	3	0	0	0	0	0	10	5	5
TB - RESP.	14	8	10.7 (5.9-18.0)	6.2 (2.7-12.2)	5	2	7	0	0	0	37	40	-3
INFLUENZA A	1	15	0.8 (0.0-4.3)	11.6 (6.5-19.2)	1	0	0	0	0	0	666	646	20
INFLUENZA B	78	30	59.7 (47.2-74.5)*	23.3 (15.7-33.2)	24	15	8	9	22	0	172	32	140
<i>EMD and Zoonotics</i>													
BLASTOMYCOSIS	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	0	1	0	0	0	0	8	3	5
<i>STBBI</i>													
HIV	13	7	10.0 (5.3-17.0)	5.4 (2.2-11.2)	12	1	0	0	0	0	43	28	15
SYPHILIS (Sero-reactive)*	42	.....	32.2 (23.2-43.5)	.....	34	3	2	1	2	0	225	172	53
HEPATITIS C	37	31	28.3 (19.9-39.0)	24.0 (16.3-34.1)	26	5	0	4	2	0	129	124	5
GONORRHEA	90	95	68.9 (55.4-84.7)	73.7 (59.6-90.1)	45	5	31	2	7	0	361	347	14
CHLAMYDIA	521	524	398.8 (365.3-434.6)	406.5 (372.5-442.9)	264	47	134	55	21	0	2219	2179	40
<i>OTHER DISEASES</i>													
STREP. INVASIVE DISEASE (GROUP A)	20	11	15.3 (9.4-23.6)	8.5 (4.3-15.3)	13	0	2	3	2	0	70	47	23
CLOSTRIDIUM DIFFICILE	96	67	73.5 (59.5-89.7)	52.0 (40.3-66.0)	60	6	3	11	16	0	317	296	21

**Data extracted:**            *June 15, 2015*

## **Notes and Abbreviations**

### Notes:

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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.
6. Since the reportable diseases' list was updated in January 2015, this monthly report was correspondingly modified.
7. The two categories "ARO and Nosocomial Organisms" and "Non VPD" have been combined to the category "Other diseases" since Jan 2015.

### 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

# epiSUMMARY

## Manitoba Monthly Surveillance Report

May 2015

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	2015	2014	Change
<i>Enterics</i>													
CRYPTOSPORIDIOSIS	3	2	2.3 (0.5-6.7)	1.6 (0.2-5.6)	0	0	0	3	0	0	13	18	-5
E. COLI-VEROTOXIGENIC	4	2	3.1 (0.8-7.8)	1.6 (0.2-5.6)	4	0	0	0	0	0	9	18	-9
GIARDIASIS	6	6	4.6 (1.7-10.0)	4.7 (1.7-10.1)	5	0	0	1	0	0	28	31	-3
SALMONELLOSIS	15	13	11.5 (6.4-18.9)	10.1 (5.4-17.2)	6	1	0	5	3	0	96	92	4
CAMPYLOBACTER	11	14	8.4 (4.2-15.1)	10.9 (5.9-18.2)	1	1	0	4	5	0	55	59	-4
<i>VPD</i>													
MUMPS	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	0	1	0	0	0	0	5	0	5
H. INFLUENZAE (NON-SEROTYPE B)	2	1	1.5 (0.2-5.5)	0.8 (0.0-4.3)	0	1	0	0	1	0	11	3	8
PERTUSSIS	4	2	3.1 (0.8-7.8)	1.6 (0.2-5.6)	0	0	0	0	4	0	9	6	3
PNEUMOCOCCAL INVASIVE DISEASE	17	16	13.0 (7.6-20.8)	12.4 (7.1-20.2)	6	1	6	2	2	0	52	72	-20
<i>Respiratory Diseases and TB</i>													
TB - NON-RESP.	4	3	3.1 (0.8-7.8)	2.3 (0.5-6.8)	2	0	1	1	0	0	15	8	7
INFLUENZA A	1	3	0.8 (0.0-4.3)	2.3 (0.5-6.8)	1	0	0	0	0	0	666	651	15
TB - RESP.	20	9	15.3 (9.4-23.6)	7.0 (3.2-13.3)	7	0	12	0	1	0	56	44	12
INFLUENZA B	35	27	26.8 (18.7-37.3)	20.9 (13.8-30.5)	17	7	1	5	5	0	207	63	144

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	2015	2014	Change
<b><i>EMD and Zoonotics</i></b>													
ANAPLASMA PHAGOCYTOPHILUM	2	.....	1.5 (0.2-5.5)	.....	2	0	0	0	0	0	2	.....	.....
MALARIA	3	3	2.3 (0.5-6.7)	2.3 (0.5-6.8)	3	0	0	0	0	0	6	8	-2
<b><i>STBBI</i></b>													
HEPATITIS B*	2	1	1.5 (0.2-5.5)	0.8 (0.0-4.3)	2	0	0	0	0	0	2	2	0
HIV	11	7	8.4 (4.2-15.1)	5.4 (2.2-11.2)	9	1	1	0	0	0	54	34	20
SYPHILIS (Sero-reactive)*	44	.....	33.7 (24.5-45.2)	.....	35	1	4	2	2	0	269	212	57
HEPATITIS C	37	29	28.3 (19.9-39.0)	22.5 (15.1-32.3)	23	1	2	5	6	0	167	151	16
GONORRHEA	93	105	71.2 (57.5-87.2)	81.5 (66.6-98.6)	50	3	30	8	1	1	454	439	15
CHLAMYDIA	477	558	365.2 (333.1-399.4)	432.9 (397.7-470.3)	232	46	121	39	38	1	2696	2695	1
<b><i>OTHER DISEASES</i></b>													
STREP. INVASIVE DISEASE (GROUP A)	18	9	13.8 (8.2-21.8)	7.0 (3.2-13.3)	7	3	4	1	3	0	88	55	33
CLOSTRIDIUM DIFFICILE	126	74	96.5 (80.4-114.8)*	57.4 (45.1-72.1)	77	8	4	22	15	0	443	372	71

**Data extracted:**        *July 15, 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.
6. Since the reportable diseases' list was updated in January 2015, this monthly report was correspondingly modified.
7. The two categories "ARO and Nosocomial Organisms" and "Non VPD" have been combined to the category "Other diseases" since Jan 2015.

### 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

# epiSUMMARY

## Manitoba Monthly Surveillance Report

June 2015

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	2015	2014	Change
<i>Enterics</i>													
CRYPTOSPORIDIOSIS	2	3	1.5 (0.2-5.5)	2.3 (0.5-6.8)	0	0	1	0	1	0	15	23	-8
AMEBIASIS	3	3	2.3 (0.5-6.7)	2.3 (0.5-6.8)	2	0	1	0	0	0	9	14	-5
E. COLI-VEROTOXIGENIC	3	4	2.3 (0.5-6.7)	3.1 (0.8-7.9)	0	0	1	0	2	0	12	21	-9
GIARDIASIS	2	7	1.5 (0.2-5.5)	5.4 (2.2-11.2)	2	0	0	0	0	0	31	38	-7
SALMONELLOSIS	11	16	8.4 (4.2-15.1)	12.4 (7.1-20.2)	6	1	0	4	0	0	108	110	-2
CAMPYLOBACTER	9	24	6.9 (3.2-13.1)	18.6 (11.9-27.7)	4	1	0	1	3	0	65	74	-9
<i>VPD</i>													
DIPHTHERIA CARRIERS	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	1	0	0	0	0	0	1	0	1
H. INFLUENZAE (SEROTYPE B)	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	0	0	1	0	0	0	2	2	0
MENINGOCOCCAL INVASIVE DISEASE	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	1	0	0	0	0	0	4	1	3
H. INFLUENZAE (NON-SEROTYPE B)	2	1	1.5 (0.2-5.5)	0.8 (0.0-4.3)	2	0	0	0	0	0	13	5	8
PERTUSSIS	2	1	1.5 (0.2-5.5)	0.8 (0.0-4.3)	0	0	0	0	2	0	11	7	4
PNEUMOCOCCAL INVASIVE DISEASE	12	9	9.2 (4.7-16.0)	7.0 (3.2-13.3)	6	1	2	2	1	0	65	78	-13
<i>Respiratory Diseases and TB</i>													
INFLUENZA B	3	1	2.3 (0.5-6.7)	0.8 (0.0-4.3)	1	2	0	0	0	0	210	65	145



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	2015	2014	Change
TB - NON-RESP.	2	4	1.5 (0.2-5.5)	3.1 (0.8-7.9)	2	0	0	0	0	0	17	15	2
TB - RESP.	12	8	9.2 (4.7-16.0)	6.2 (2.7-12.2)	4	0	6	2	0	0	68	49	19
<i>EMD and Zoonotics</i>													
HANTA VIRUS	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	0	0	0	0	1	0	1	0	1
ANAPLASMA PHAGOCYTOPHILUM	1	.....	0.8 (0.0-4.3)	.....	0	0	0	0	1	0	3	.....	.....
MALARIA	1	3	0.8 (0.0-4.3)	2.3 (0.5-6.8)	1	0	0	0	0	0	7	11	-4
<i>STBBI</i>													
HIV	8	7	6.1 (2.6-12.1)	5.4 (2.2-11.2)	7	0	0	0	1	0	62	41	21
SYPHILIS (Sero-reactive)*	56	.....	42.9 (32.4-55.7)	.....	37	2	12	4	1	0	325	244	81
HEPATITIS C	34	24	26.0 (18.0-36.4)	18.6 (11.9-27.7)	23	3	4	2	2	0	201	179	22
GONORRHEA	85	92	65.1 (52.0-80.5)	71.4 (57.5-87.5)	47	8	19	5	6	0	539	509	30
CHLAMYDIA	493	503	377.4 (344.8-412.2)	390.2 (356.9-425.9)	244	47	117	53	32	0	3188	3206	-18
<i>OTHER DISEASES</i>													
STREP. INVASIVE DISEASE (GROUP A)	15	9	11.5 (6.4-18.9)	7.0 (3.2-13.3)	11	0	2	0	2	0	103	62	41
CLOSTRIDIUM DIFFICILE	96	68	73.5 (59.5-89.7)	52.8 (41.0-66.9)	59	4	6	17	10	0	539	433	106

**Data extracted:**      *August 17, 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.
6. Since the reportable diseases' list was updated in January 2015, this monthly report was correspondingly modified.
7. The two categories "ARO and Nosocomial Organisms" and "Non VPD" have been combined to the category "Other diseases" since Jan 2015.

### 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
SH	Southern Health
STBBI	Sexually Transmitted & Blood-Borne Infections
TB	Tuberculosis
VPD	Vaccine Preventable Diseases
WNV	West Nile Virus
WRHA	Winnipeg Regional Health Authority

# epiSUMMARY

## Manitoba Monthly Surveillance Report

July 2015

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	2015	2014	Change
<i>Enterics</i>													
AMEBIASIS	2	2	1.5 (0.2-5.5)	1.6 (0.2-5.6)	2	0	0	0	0	0	11	18	-7
SHIGELLOSIS	1	4	0.8 (0.0-4.3)	3.1 (0.8-7.9)	1	0	0	0	0	0	8	20	-12
E. COLI-VEROTOXIGENIC	11	5	8.4 (4.2-15.1)	3.9 (1.3-9.1)	2	2	0	3	4	0	24	26	-2
CRYPTOSPORIDIOSIS	1	5	0.8 (0.0-4.3)	3.9 (1.3-9.1)	0	0	0	0	1	0	16	31	-15
GIARDIASIS	8	9	6.1 (2.6-12.1)	7.0 (3.2-13.3)	6	1	0	1	0	0	40	50	-10
CAMPYLOBACTER	16	25	12.2 (7.0-19.9)	19.4 (12.6-28.6)	5	2	0	4	5	0	82	93	-11
SALMONELLOSIS	19	25	14.5 (8.8-22.7)	19.4 (12.6-28.6)	9	3	0	3	4	0	127	137	-10
<i>VPD</i>													
MUMPS	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	1	0	0	0	0	0	6	0	6
H. INFLUENZAE (NON-SEROTYPE B)	5	0	3.8 (1.2-8.9)	0.0 (0.0-2.9)	1	1	3	0	0	0	18	5	13
PERTUSSIS	4	4	3.1 (0.8-7.8)	3.1 (0.8-7.9)	1	0	0	0	3	0	15	8	7
PNEUMOCOCCAL INVASIVE DISEASE	9	8	6.9 (3.2-13.1)	6.2 (2.7-12.2)	4	0	3	1	1	0	74	86	-12
<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	211	65	146

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	2015	2014	Change
TB - NON-RESP.	3	2	2.3 (0.5-6.7)	1.6 (0.2-5.6)	1	0	1	1	0	0	20	18	2
TB - RESP.	13	9	10.0 (5.3-17.0)	7.0 (3.2-13.3)	5	0	7	1	0	0	80	60	20
<i>EMD and Zoonotics</i>													
ANAPLASMA PHAGOCYTOPHILUM	4	.....	3.1 (0.8-7.8)	.....	2	0	0	0	2	0	7	.....	.....
MALARIA	2	1	1.5 (0.2-5.5)	0.8 (0.0-4.3)	1	0	0	1	0	0	9	11	-2
BLASTOMYCOSIS	1	2	0.8 (0.0-4.3)	1.6 (0.2-5.6)	0	0	1	0	0	0	9	5	4
<i>STBBI</i>													
HIV	7	7	5.4 (2.2-11.0)	5.4 (2.2-11.2)	7	0	0	0	0	0	69	45	24
SYPHILIS (Sero-reactive)*	39	.....	29.9 (21.2-40.8)	.....	26	1	7	3	2	0	364	268	96
HEPATITIS C	33	30	25.3 (17.4-35.5)	23.3 (15.7-33.2)	25	3	0	3	1	1	235	211	24
GONORRHEA	88	111	67.4 (54.0-83.0)	86.1 (70.8-103.7)	47	9	25	3	4	0	627	593	34
CHLAMYDIA	521	522	398.8 (365.3-434.6)	405.0 (371.0-441.2)	274	43	122	51	30	1	3709	3641	68
<i>OTHER DISEASES</i>													
STREP. INVASIVE DISEASE (GROUP A)	14	7	10.7 (5.9-18.0)	5.4 (2.2-11.2)	8	0	2	3	1	0	117	69	48
CLOSTRIDIUM DIFFICILE	90	74	68.9 (55.4-84.7)	57.4 (45.1-72.1)	54	8	4	12	12	0	629	504	125

**Data extracted: September 15, 2015**

## **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-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.
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STBBI	Sexually Transmitted & Blood-Borne Infections
TB	Tuberculosis
VPD	Vaccine Preventable Diseases
WNV	West Nile Virus
WRHA	Winnipeg Regional Health Authority

# epiSUMMARY

## Manitoba Monthly Surveillance Report

August 2015

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	2015	2014	Change
<i>Enterics</i>													
LISTERIOSIS	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	1	0	0	0	0	0	2	1	1
AMEBIASIS	3	1	2.3 (0.5-6.7)	0.8 (0.0-4.3)	3	0	0	0	0	0	15	20	-5
E. COLI-VEROTOXIGENIC	1	3	0.8 (0.0-4.3)	2.3 (0.5-6.8)	0	0	0	0	1	0	26	30	-4
SHIGELLOSIS	1	5	0.8 (0.0-4.3)	3.9 (1.3-9.1)	0	0	0	0	1	0	9	23	-14
GIARDIASIS	13	12	10.0 (5.3-17.0)	9.3 (4.8-16.3)	8	0	2	2	1	0	57	56	1
CRYPTOSPORIDIOSIS	9	15	6.9 (3.2-13.1)	11.6 (6.5-19.2)	1	0	2	1	5	0	26	61	-35
SALMONELLOSIS	17	20	13.0 (7.6-20.8)	15.5 (9.5-24.0)	9	3	1	1	3	0	152	155	-3
CAMPYLOBACTER	17	33	13.0 (7.6-20.8)	25.6 (17.6-36.0)	7	1	6	0	3	0	102	120	-18
<i>VPD</i>													
H. INFLUENZAE (SEROTYPE B)	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	0	0	1	0	0	0	3	2	1
H. INFLUENZAE (NON-SEROTYPE B)	3	0	2.3 (0.5-6.7)	0.0 (0.0-2.9)	2	0	1	0	0	0	21	5	16
MUMPS	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	0	0	0	0	1	0	7	0	7
PERTUSSIS	14	6	10.7 (5.9-18.0)	4.7 (1.7-10.1)	1	0	1	0	12	0	35	8	27
PNEUMOCOCCAL INVASIVE DISEASE	6	8	4.6 (1.7-10.0)	6.2 (2.7-12.2)	3	0	2	1	0	0	80	90	-10
<i>Respiratory Diseases and TB</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	2015	2014	Change
INFLUENZA A	4	0	3.1 (0.8-7.8)	0.0 (0.0-2.9)	0	0	0	0	4	0	670	651	19
TB - NON-RESP.	5	2	3.8 (1.2-8.9)	1.6 (0.2-5.6)	5	0	0	0	0	0	25	18	7
TB - RESP.	10	11	7.7 (3.7-14.1)	8.5 (4.3-15.3)	3	0	5	0	2	0	90	70	20
<i><b>EMD and Zoonotics</b></i>													
TULAREMIA	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	1	0	0	0	0	0	2	2	0
BLASTOMYCOSIS	1	1	0.8 (0.0-4.3)	0.8 (0.0-4.3)	1	0	0	0	0	0	10	7	3
MALARIA	4	2	3.1 (0.8-7.8)	1.6 (0.2-5.6)	3	0	0	1	0	0	13	16	-3
<i><b>STBBI</b></i>													
HIV	7	11	5.4 (2.2-11.0)	8.5 (4.3-15.3)	7	0	0	0	0	0	76	59	17
SYPHILIS (Sero-reactive)*	33	.....	25.3 (17.4-35.5)	.....	19	5	4	0	5	0	397	282	115
HEPATITIS C	22	26	16.8 (10.6-25.5)	20.2 (13.2-29.6)	11	2	3	4	2	0	257	246	11
GONORRHEA	70	108	53.6 (41.8-67.7)	83.8 (68.7-101.2)	37	8	18	5	2	0	698	685	13
CHLAMYDIA	516	525	395.0 (361.7-430.6)	407.3 (373.2-443.7)	275	42	126	41	32	0	4226	4126	100
<i><b>OTHER DISEASES</b></i>													
STREP. INVASIVE DISEASE (GROUP A)	19	10	14.5 (8.8-22.7)	7.8 (3.7-14.3)	14	1	3	1	0	0	136	77	59
CLOSTRIDIUM DIFFICILE	99	60	75.8 (61.6-92.3)*	46.5 (35.5-59.9)	61	11	2	15	10	0	728	566	162

**Data extracted:**     *October 15, 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.
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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.
6. Since the reportable diseases' list was updated in January 2015, this monthly report was correspondingly modified.
7. The two categories "ARO and Nosocomial Organisms" and "Non VPD" have been combined to the category "Other diseases" since Jan 2015.

### 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



# epiSUMMARY

## Manitoba Monthly Surveillance Report

September 2015

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	2015	2014	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	2	7	-5
LISTERIOSIS	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	1	0	0	0	0	0	3	1	2
E. COLI-VEROTOXIGENIC	9	6	6.9 (3.2-13.1)	4.7 (1.7-10.1)	2	1	0	0	6	0	35	33	2
SHIGELLOSIS	2	7	1.5 (0.2-5.5)	5.4 (2.2-11.2)	1	0	0	0	1	0	11	29	-18
GIARDIASIS	11	10	8.4 (4.2-15.1)	7.8 (3.7-14.3)	8	1	1	0	1	0	72	64	8
CRYPTOSPORIDIOSIS	6	16	4.6 (1.7-10.0)	12.4 (7.1-20.2)	0	0	2	1	3	0	33	93	-60
SALMONELLOSIS	12	21	9.2 (4.7-16.0)	16.3 (10.1-24.9)	6	0	4	2	0	0	163	176	-13
CAMPYLOBACTER	17	21	13.0 (7.6-20.8)	16.3 (10.1-24.9)	1	1	3	9	3	0	119	136	-17
<i>VPD</i>													
H. INFLUENZAE (NON-SEROTYPE B)	3	0	2.3 (0.5-6.7)	0.0 (0.0-2.9)	0	0	1	2	0	0	24	5	19
DIPHTHERIA CARRIERS	2	0	1.5 (0.2-5.5)	0.0 (0.0-2.9)	2	0	0	0	0	0	3	0	3
MUMPS	3	0	2.3 (0.5-6.7)	0.0 (0.0-2.9)	1	0	0	1	1	0	10	0	10
PERTUSSIS	12	9	9.2 (4.7-16.0)	7.0 (3.2-13.3)	2	0	0	0	10	0	48	11	37
PNEUMOCOCCAL INVASIVE DISEASE	3	9	2.3 (0.5-6.7)	7.0 (3.2-13.3)	1	0	1	0	1	0	83	102	-19
<i>Respiratory Diseases and TB</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	2015	2014	Change
TB - NON-RESP.	5	1	3.8 (1.2-8.9)	0.8 (0.0-4.3)	3	0	1	1	0	0	30	18	12
INFLUENZA A	2	1	1.5 (0.2-5.5)	0.8 (0.0-4.3)	0	0	0	1	1	0	672	652	20
TB - RESP.	7	13	5.4 (2.2-11.0)	10.1 (5.4-17.2)	4	0	2	1	0	0	96	85	11
<i>EMD and Zoonotics</i>													
WNV NEUROLOGICAL SYNDROME	1	1	0.8 (0.0-4.3)	0.8 (0.0-4.3)	0	0	0	0	1	0	1	1	0
MALARIA	5	2	3.8 (1.2-8.9)	1.6 (0.2-5.6)	5	0	0	0	0	0	18	18	0
BLASTOMYCOSIS	2	2	1.5 (0.2-5.5)	1.6 (0.2-5.6)	1	0	1	0	0	0	12	9	3
<i>STBBI</i>													
HIV	11	7	8.4 (4.2-15.1)	5.4 (2.2-11.2)	9	2	0	0	0	0	87	64	23
SYPHILIS (Sero-reactive)*	40	.....	30.6 (21.9-41.7)	.....	30	3	3	3	1	0	438	306	132
HEPATITIS C	37	23	28.3 (19.9-39.0)	17.8 (11.3-26.8)	24	1	2	7	3	0	293	273	20
GONORRHEA	85	119	65.1 (52.0-80.5)	92.3 (76.5-110.5)	43	8	24	4	6	0	783	797	-14
CHLAMYDIA	624	565	477.7 (440.9-516.7)	438.3 (402.9-476.0)	314	67	152	55	35	1	4850	4719	131
<i>OTHER DISEASES</i>													
STREP. INVASIVE DISEASE (GROUP A)	19	11	14.5 (8.8-22.7)	8.5 (4.3-15.3)	9	3	1	4	2	0	155	87	68
CLOSTRIDIUM DIFFICILE	80	75	61.2 (48.6-76.2)	58.2 (45.8-72.9)	52	3	3	8	14	0	808	659	149

**Data extracted: November 16, 2015**

## Notes and Abbreviations

### Notes:

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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.
6. Since the reportable diseases' list was updated in January 2015, this monthly report was correspondingly modified.
7. The two categories "ARO and Nosocomial Organisms" and "Non VPD" have been combined to the category "Other diseases" since Jan 2015.

### Abbreviations:

ARO	Antibiotic Resistant Organisms
CI	Confidence Interval
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NRHA	Northern Regional Health Authority
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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

# epiSUMMARY

## Manitoba Monthly Surveillance Report

October 2015

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	2015	2014	Change
<i>Enterics</i>													
HEPATITIS A	2	1	1.5 (0.2-5.5)	0.8 (0.0-4.3)	2	0	0	0	0	0	4	7	-3
E. COLI-VEROTOXIGENIC	1	1	0.8 (0.0-4.3)	0.8 (0.0-4.3)	0	0	0	0	1	0	36	33	3
AMEBIASIS	1	3	0.8 (0.0-4.3)	2.3 (0.5-6.8)	1	0	0	0	0	0	17	23	-6
SHIGELLOSIS	3	6	2.3 (0.5-6.7)	4.7 (1.7-10.1)	3	0	0	0	0	0	14	32	-18
GIARDIASIS	7	7	5.4 (2.2-11.0)	5.4 (2.2-11.2)	3	0	0	3	1	0	82	69	13
CRYPTOSPORIDIOSIS	1	7	0.8 (0.0-4.3)	5.4 (2.2-11.2)	0	0	0	0	1	0	34	109	-75
SALMONELLOSIS	18	15	13.8 (8.2-21.8)	11.6 (6.5-19.2)	6	0	6	4	2	0	182	190	-8
CAMPYLOBACTER	11	18	8.4 (4.2-15.1)	14.0 (8.3-22.1)	3	0	1	4	3	0	131	146	-15
<i>VPD</i>													
H. INFLUENZAE (NON-SEROTYPE B)	2	2	1.5 (0.2-5.5)	1.6 (0.2-5.6)	0	0	2	0	0	0	26	6	20
PERTUSSIS	1	8	0.8 (0.0-4.3)	6.2 (2.7-12.2)	1	0	0	0	0	0	51	11	40
PNEUMOCOCCAL INVASIVE DISEASE	9	14	6.9 (3.2-13.1)	10.9 (5.9-18.2)	2	1	3	1	2	0	92	116	-24
<i>Respiratory Diseases and TB</i>													
INFLUENZA B	1	1	0.8 (0.0-4.3)	0.8 (0.0-4.3)	1	0	0	0	0	0	212	66	146
TB - NON-RESP.	3	2	2.3 (0.5-6.7)	1.6 (0.2-5.6)	3	0	0	0	0	0	33	19	14

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	2015	2014	Change
TB - RESP.	8	11	6.1 (2.6-12.1)	8.5 (4.3-15.3)	2	0	5	0	1	0	104	96	8
<i>EMD and Zoonotics</i>													
BLASTOMYCOSIS	2	1	1.5 (0.2-5.5)	0.8 (0.0-4.3)	2	0	0	0	0	0	14	10	4
MALARIA	1	1	0.8 (0.0-4.3)	0.8 (0.0-4.3)	1	0	0	0	0	0	19	18	1
<i>STBBI</i>													
HIV	13	11	10.0 (5.3-17.0)	8.5 (4.3-15.3)	12	0	0	1	0	0	99	73	26
SYPHILIS (Sero-reactive)*	42	.....	32.2 (23.2-43.5)	.....	30	2	6	2	2	0	477	342	135
HEPATITIS C	33	31	25.3 (17.4-35.5)	24.0 (16.3-34.1)	27	1	3	1	1	0	326	299	27
GONORRHEA	96	105	73.5 (59.5-89.7)	81.5 (66.6-98.6)	59	6	22	3	6	0	879	899	-20
CHLAMYDIA	586	601	448.6 (413.0-486.4)	466.3 (429.7-505.1)	303	51	121	70	41	0	5436	5319	117
<i>OTHER DISEASES</i>													
STREP. INVASIVE DISEASE (GROUP A)	16	11	12.2 (7.0-19.9)	8.5 (4.3-15.3)	9	0	5	1	1	0	171	97	74
CLOSTRIDIUM DIFFICILE	85	70	65.1 (52.0-80.5)	54.3 (42.3-68.6)	53	7	3	7	15	0	893	735	158

**Data extracted: December 15, 2015**

## Notes and Abbreviations

### Notes:

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WNV	West Nile Virus
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# epiSUMMARY

## Manitoba Monthly Surveillance Report

November 2015

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	2015	2014	Change
<i>Enterics</i>													
SHIGELLOSIS	4	1	3.1 (0.8-7.8)	0.8 (0.0-4.3)	2	0	1	0	1	0	18	32	-14
AMEBIASIS	2	1	1.5 (0.2-5.5)	0.8 (0.0-4.3)	1	0	0	0	1	0	20	24	-4
CRYPTOSPORIDIOSIS	2	3	1.5 (0.2-5.5)	2.3 (0.5-6.8)	1	0	1	0	0	0	37	110	-73
GIARDIASIS	4	6	3.1 (0.8-7.8)	4.7 (1.7-10.1)	3	0	0	0	1	0	87	77	10
CAMPYLOBACTER	6	14	4.6 (1.7-10.0)	10.9 (5.9-18.2)	4	0	1	0	1	0	140	159	-19
SALMONELLOSIS	11	16	8.4 (4.2-15.1)	12.4 (7.1-20.2)	7	1	1	0	2	0	193	209	-16
<i>VPD</i>													
TYPHOID	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	0	0	0	0	1	0	5	1	4
DIPHTHERIA CARRIERS	3	0	2.3 (0.5-6.7)	0.0 (0.0-2.9)	1	0	2	0	0	0	6	0	6
MUMPS	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	0	0	0	1	0	0	11	0	11
MENINGOCOCCAL INVASIVE DISEASE	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	0	0	0	0	1	0	5	3	2
H. INFLUENZAE (NON-SEROTYPE B)	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	0	0	1	0	0	0	27	6	21
PERTUSSIS	4	8	3.1 (0.8-7.8)	6.2 (2.7-12.2)	1	0	1	0	2	0	55	11	44
PNEUMOCOCCAL INVASIVE DISEASE	11	10	8.4 (4.2-15.1)	7.8 (3.7-14.3)	8	0	1	2	0	0	103	124	-21
<i>Respiratory Diseases and TB</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	2015	2014	Change
TB - NON-RESP.	1	1	0.8 (0.0-4.3)	0.8 (0.0-4.3)	1	0	0	0	0	0	34	19	15
TB - RESP.	9	10	6.9 (3.2-13.1)	7.8 (3.7-14.3)	5	0	3	0	1	0	114	109	5
<i>EMD and Zoonotics</i>													
MALARIA	1	1	0.8 (0.0-4.3)	0.8 (0.0-4.3)	0	1	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	16	11	5
<i>STBBI</i>													
HEPATITIS B*	1	1	0.8 (0.0-4.3)	0.8 (0.0-4.3)	1	0	0	0	0	0	4	4	0
HIV	7	7	5.4 (2.2-11.0)	5.4 (2.2-11.2)	7	0	0	0	0	0	107	77	30
SYPHILIS (Sero-reactive)*	59	.....	45.2 (34.4-58.3)	.....	40	2	12	3	2	0	536	373	163
HEPATITIS C	36	23	27.6 (19.3-38.2)	17.8 (11.3-26.8)	22	2	2	7	3	0	362	322	40
GONORRHEA	103	113	78.8 (64.4-95.6)	87.7 (72.2-105.4)	53	8	33	5	4	0	982	1020	-38
CHLAMYDIA	556	529	425.6 (391.0-462.5)	410.4 (376.2-446.9)	267	48	156	54	31	0	5992	5829	163
<i>OTHER DISEASES</i>													
STREP. INVASIVE DISEASE (GROUP A)	20	12	15.3 (9.4-23.6)	9.3 (4.8-16.3)	12	1	3	2	2	0	190	107	83
CLOSTRIDIUM DIFFICILE	97	69	74.3 (60.2-90.6)	53.5 (41.7-67.7)	53	11	5	17	11	0	992	799	193



**Data extracted:**     *January 15, 2016*

## **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-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.
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VPD	Vaccine Preventable Diseases
WNV	West Nile Virus
WRHA	Winnipeg Regional Health Authority

# epiSUMMARY

## Manitoba Monthly Surveillance Report

December 2015

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	2015	2014	Change
<i>Enterics</i>													
E. COLI-VEROTOXIGENIC	6	1	4.6 (1.7-10.0)	0.8 (0.0-4.3)	2	1	0	1	2	0	41	35	6
AMEBIASIS	2	2	1.5 (0.2-5.5)	1.6 (0.2-5.6)	1	0	0	1	0	0	22	25	-3
GIARDIASIS	8	5	6.1 (2.6-12.1)	3.9 (1.3-9.1)	4	0	3	0	1	0	95	84	11
CAMPYLOBACTER	6	10	4.6 (1.7-10.0)	7.8 (3.7-14.3)	1	1	0	0	4	0	146	169	-23
SALMONELLOSIS	16	19	12.2 (7.0-19.9)	14.7 (8.9-23.0)	8	4	0	3	1	0	210	229	-19
<i>VPD</i>													
MUMPS	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	0	1	0	0	0	0	12	0	12
H. INFLUENZAE (NON-SEROTYPE B)	7	0	5.4 (2.2-11.0)	0.0 (0.0-2.9)	4	0	2	0	1	0	34	7	27
PERTUSSIS	1	5	0.8 (0.0-4.3)	3.9 (1.3-9.1)	0	0	0	0	1	0	57	14	43
PNEUMOCOCCAL INVASIVE DISEASE	11	9	8.4 (4.2-15.1)	7.0 (3.2-13.3)	3	0	4	3	1	0	114	137	-23
<i>Respiratory Diseases and TB</i>													
TB - NON-RESP.	4	1	3.1 (0.8-7.8)	0.8 (0.0-4.3)	2	0	2	0	0	0	38	20	18
TB - RESP.	8	13	6.1 (2.6-12.1)	10.1 (5.4-17.2)	4	1	3	0	0	0	119	115	4
INFLUENZA A	4	183	3.1 (0.8-7.8)	142.0 (122.1-164.1)	2	1	0	0	1	0	676	1075	-399
<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	2015	2014	Change
HANTA VIRUS	1	0	0.8 (0.0-4.3)	0.0 (0.0-2.9)	1	0	0	0	0	0	2	0	2
ANAPLASMA PHAGOCYTOPHILUM	1	---	0.8 (0.0-4.3)	---	0	1	0	0	0	0	8	---	---
<i>STBBI</i>													
HIV	6	7	4.6 (1.7-10.0)	5.4 (2.2-11.2)	3	2	0	0	1	0	113	87	26
SYPHILIS (Sero-reactive)*	52	.....	39.8 (29.7-52.2)	.....	36	2	11	2	1	0	587	405	182
HEPATITIS C	25	25	19.1 (12.4-28.3)	19.4 (12.6-28.6)	14	3	2	4	2	0	387	349	38
GONORRHEA	99	79	75.8 (61.6-92.3)	61.3 (48.5-76.4)	66	9	19	2	3	0	1081	1105	-24
CHLAMYDIA	545	440	417.2 (382.9-453.7)*	341.4 (310.2-374.8)	294	46	115	50	38	2	6541	6284	257
<i>OTHER DISEASES</i>													
STREP. INVASIVE DISEASE (GROUP A)	21	11	16.1 (10.0-24.6)	8.5 (4.3-15.3)	8	4	4	5	0	0	212	114	98
CLOSTRIDIUM DIFFICILE	103	68	78.8 (64.4-95.6)	52.8 (41.0-66.9)	62	11	10	15	5	0	1094	881	213

**Data extracted: February 16, 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: 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.
6. Since the reportable diseases' list was updated in January 2015, this monthly report was correspondingly modified.
7. The two categories "ARO and Nosocomial Organisms" and "Non VPD" have been combined to the category "Other diseases" since Jan 2015.

### 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