

# epiSUMMARY

## Manitoba Monthly Surveillance Report

January 2016

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
<i>Enterics</i>													
CRYPTOSPORIDIOSIS	2	1	1.5 (0.2-5.5)	0.8 (0.0-4.3)	2	0	0	0	0	0	2	1	1
E. COLI-VEROTOXIGENIC	2	2	1.5 (0.2-5.5)	1.5 (0.2-5.5)	0	0	0	1	1	0	2	2	0
AMEBIASIS	2	2	1.5 (0.2-5.5)	1.5 (0.2-5.5)	2	0	0	0	0	0	2	1	1
SHIGELLOSIS	2	3	1.5 (0.2-5.5)	2.3 (0.5-6.7)	0	0	0	1	1	0	2	1	1
GIARDIASIS	10	7	7.6 (3.6-13.9)	5.4 (2.2-11.0)	7	0	0	0	3	0	10	5	5
CAMPYLOBACTERIOSIS	4	11	3.0 (0.8-7.8)	8.4 (4.2-15.1)	4	0	0	0	0	0	4	10	-6
SALMONELLOSIS	24	18	18.2 (11.6-27.0)	13.8 (8.2-21.8)	8	4	0	5	7	0	24	18	6
<i>VPD</i>													
DIPHTHERIA CARRIERS	1	0	0.8 (0.0-4.2)	0.0 (0.0-2.8)	1	0	0	0	0	0	1	0	1
PERTUSSIS	8	0	6.1 (2.6-11.9)	0.0 (0.0-2.8)	2	2	4	0	0	0	8	0	8
H. INFLUENZAE (NON-SEROTYPE B)	4	1	3.0 (0.8-7.8)	0.8 (0.0-4.3)	0	2	0	0	2	0	4	1	3
PNEUMOCOCCAL INVASIVE DISEASE	6	13	4.5 (1.7-9.9)	10.0 (5.3-17.0)	1	1	2	0	2	0	6	9	-3
<i>Respiratory Diseases and TB</i>													
TB - NON-RESP.	5	1	3.8 (1.2-8.8)	0.8 (0.0-4.3)	4	0	1	0	0	0	5	2	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.	4	12	3.0 (0.8-7.8)	9.2 (4.8-16.1)	2	0	2	0	0	0	4	6	-2
INFLUENZA B	5	16	3.8 (1.2-8.8)	12.3 (7.0-19.9)	0	0	0	0	5	0	5	21	-16
INFLUENZA A	23	445	17.4 (11.0-26.1)	340.9 (310.0-374.1)	11	4	2	3	3	0	23	577	-554
<b>EMD and Zoonotics</b>													
ANAPLASMOSIS	1	.....	0.8 (0.0-4.2)	.....	0	1	0	0	0	0	1	0	1
BLASTOMYCOSIS	1	1	0.8 (0.0-4.2)	0.8 (0.0-4.3)	1	0	0	0	0	0	1	2	-1
MALARIA	3	1	2.3 (0.5-6.6)	0.8 (0.0-4.3)	3	0	0	0	0	0	3	2	1
<b>STBBI</b>													
HIV	8	9	6.1 (2.6-11.9)	6.9 (3.2-13.1)	4	1	1	0	2	0	8	6	2
GONORRHEA	128	111	96.9 (80.9-115.3)	85.0 (70.0-102.4)	74	7	42	1	4	0	128	99	29
CHLAMYDIA	634	612	480.2 (443.5-519.0)	468.9 (432.4-507.5)	307	46	178	59	44	0	634	603	31
INFECTIOUS SYPHILIS*	23	9	17.4 (11.0-26.1)	6.9 (3.2-13.1)	7	0	13	2	1	0	23	18	5
SYPHILIS (Sero-reactive)*	146	37	110.6 (93.4-130.0)*	28.3 (20.0-39.1)	82	6	42	9	7	0	146	63	83
HEPATITIS B*	1	1	0.8 (0.0-4.2)	0.8 (0.0-4.3)	0	0	0	0	1	0	1	0	1
HEPATITIS C	30	27	22.7 (15.3-32.4)	20.7 (13.6-30.1)	20	4	1	4	1	0	30	26	4
<b>OTHER DISEASES</b>													
STREP. INVASIVE DISEASE (GROUP A)	17	13	12.9 (7.5-20.6)	10.0 (5.3-17.0)	7	2	5	2	1	0	17	18	-1
CLOSTRIDIUM DIFFICILE	100	74	75.7 (61.6-92.1)	56.7 (44.5-71.2)	71	5	2	12	10	0	100	71	29

**Data extracted:**        **March 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 MHHLS 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.

### 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 2016

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
<i>Enterics</i>													
CRYPTOSPORIDIOSIS	1	2	0.8 (0.0-4.2)	1.5 (0.2-5.5)	1	0	0	0	0	0	3	3	0
E. COLI-VEROTOXIGENIC	3	2	2.3 (0.5-6.6)	1.5 (0.2-5.5)	1	0	0	0	2	0	4	2	2
AMEBIASIS	1	2	0.8 (0.0-4.2)	1.5 (0.2-5.5)	0	0	0	1	0	0	4	1	3
SHIGELLOSIS	1	4	0.8 (0.0-4.2)	3.1 (0.8-7.8)	1	0	0	0	0	0	3	4	-1
GIARDIASIS	11	7	8.3 (4.2-14.9)	5.4 (2.2-11.0)	5	0	0	3	3	0	23	11	12
CAMPYLOBACTERIOSIS	5	13	3.8 (1.2-8.8)	10.0 (5.3-17.0)	1	0	0	2	2	0	12	19	-7
SALMONELLOSIS	22	19	16.7 (10.4-25.2)	14.6 (8.8-22.7)	11	3	1	3	4	0	49	33	16
<i>VPD</i>													
DIPHTHERIA CARRIERS	3	0	2.3 (0.5-6.6)	0.0 (0.0-2.8)	1	0	2	0	0	0	4	0	4
PERTUSSIS	3	0	2.3 (0.5-6.6)	0.0 (0.0-2.8)	1	0	0	0	2	0	11	0	11
MUMPS	1	1	0.8 (0.0-4.2)	0.8 (0.0-4.3)	0	1	0	0	0	0	1	2	-1
TYPHOID	1	1	0.8 (0.0-4.2)	0.8 (0.0-4.3)	1	0	0	0	0	0	1	4	-3
H. INFLUENZAE (NON-SEROTYPE B)	4	2	3.0 (0.8-7.8)	1.5 (0.2-5.5)	1	0	1	1	1	0	7	6	1
PNEUMOCOCCAL INVASIVE DISEASE	12	8	9.1 (4.7-15.9)	6.1 (2.6-12.1)	5	1	2	1	3	0	18	14	4
<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	2016	2015	Change
TB - NON-RESP.	3	3	2.3 (0.5-6.6)	2.3 (0.5-6.7)	1	0	2	0	0	0	8	6	2
TB - RESP.	16	10	12.1 (6.9-19.7)	7.7 (3.7-14.1)	1	0	12	1	2	0	20	18	2
INFLUENZA B	12	11	9.1 (4.7-15.9)	8.4 (4.2-15.1)	7	0	0	1	4	0	17	39	-22
INFLUENZA A	246	100	186.3 (163.8-211.1)*	76.6 (62.3-93.2)	64	25	66	62	29	0	271	654	-383
<i>EMD and Zoonotics</i>													
HANTA VIRUS	1	0	0.8 (0.0-4.2)	0.0 (0.0-2.8)	0	0	0	0	1	0	1	0	1
BLASTOMYCOSIS	2	1	1.5 (0.2-5.5)	0.8 (0.0-4.3)	2	0	0	0	0	0	3	4	-1
<i>STBBI</i>													
HIV	9	8	6.8 (3.1-12.9)	6.1 (2.6-12.1)	8	1	0	0	0	0	17	15	2
GONORRHEA	139	84	105.3 (88.5-124.3)*	64.4 (51.3-79.7)	98	9	19	5	7	1	268	171	97
CHLAMYDIA	605	526	458.2 (422.4-496.2)	403.0 (369.3-438.9)	308	51	157	58	31	0	1238	1131	107
INFECTIOUS SYPHILIS*	20	9	15.1 (9.3-23.4)	6.9 (3.2-13.1)	8	1	8	2	1	0	44	30	14
SYPHILIS (Sero-reactive)*	105	41	79.5 (65.0-96.3)*	31.4 (22.5-42.6)	67	3	21	9	5	0	251	116	135
HEPATITIS B*	1	0	0.8 (0.0-4.2)	0.0 (0.0-2.8)	1	0	0	0	0	0	2	0	2
HEPATITIS C	40	25	30.3 (21.6-41.3)	19.2 (12.4-28.3)	27	4	3	3	3	0	70	59	11
<i>OTHER DISEASES</i>													
STREP. INVASIVE DISEASE (GROUP A)	20	15	15.1 (9.3-23.4)	11.5 (6.4-19.0)	12	1	2	1	4	0	38	37	1
CLOSTRIDIUM DIFFICILE	105	65	79.5 (65.0-96.3)*	49.8 (38.4-63.5)	61	11	6	14	13	0	205	145	60

**Data extracted:**      *April 15, 2016*

## Notes and Abbreviations

### Notes:

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# epiSUMMARY

## Manitoba Monthly Surveillance Report

March 2016

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
<i>Enterics</i>													
AMEBIASIS	1	1	0.8 (0.0-4.2)	0.8 (0.0-4.3)	1	0	0	0	0	0	6	3	3
SHIGELLOSIS	1	1	0.8 (0.0-4.2)	0.8 (0.0-4.3)	1	0	0	0	0	0	4	5	-1
E. COLI-VEROTOXIGENIC	2	2	1.5 (0.2-5.5)	1.5 (0.2-5.5)	1	0	0	0	1	0	6	3	3
CRYPTOSPORIDIOSIS	2	3	1.5 (0.2-5.5)	2.3 (0.5-6.7)	1	1	0	0	0	0	5	7	-2
GIARDIASIS	7	8	5.3 (2.1-10.9)	6.1 (2.6-12.1)	4	0	0	0	3	0	30	20	10
CAMPYLOBACTERIOSIS	9	10	6.8 (3.1-12.9)	7.7 (3.7-14.1)	3	0	1	3	2	0	23	28	-5
SALMONELLOSIS	23	20	17.4 (11.0-26.1)	15.3 (9.4-23.7)	12	3	1	3	4	0	76	59	17
<i>VPD</i>													
MUMPS	1	0	0.8 (0.0-4.2)	0.0 (0.0-2.8)	1	0	0	0	0	0	1	2	-1
MENINGOCOCCAL INVASIVE DISEASE	1	1	0.8 (0.0-4.2)	0.8 (0.0-4.3)	0	0	1	0	0	0	1	2	-1
PERTUSSIS	9	1	6.8 (3.1-12.9)	0.8 (0.0-4.3)	4	0	1	3	1	0	20	1	19
H. INFLUENZAE (NON-SEROTYPE B)	2	2	1.5 (0.2-5.5)	1.5 (0.2-5.5)	2	0	0	0	0	0	9	8	1
PNEUMOCOCCAL INVASIVE DISEASE	16	9	12.1 (6.9-19.7)	6.9 (3.2-13.1)	10	0	3	1	2	0	35	22	13
<i>Respiratory Diseases and TB</i>													
TB - NON-RESP.	3	2	2.3 (0.5-6.6)	1.5 (0.2-5.5)	2	1	0	0	0	0	11	9	2

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TB - RESP.	17	10	12.9 (7.5-20.6)	7.7 (3.7-14.1)	2	1	12	0	2	0	37	22	15
INFLUENZA B	82	24	62.1 (49.4-77.1)*	18.4 (11.8-27.4)	37	6	11	19	9	0	99	94	5
INFLUENZA A	535	35	405.2 (371.6-441.0)*	26.8 (18.7-37.3)	184	48	109	110	81	3	806	664	142
<i>EMD and Zoonotics</i>													
MALARIA	1	1	0.8 (0.0-4.2)	0.8 (0.0-4.3)	0	0	0	0	1	0	4	3	1
<i>STBBI</i>													
HIV	9	8	6.8 (3.1-12.9)	6.1 (2.6-12.1)	9	0	0	0	0	0	26	28	-2
GONORRHEA	135	96	102.2 (85.7-121.0)	73.5 (59.6-89.8)	99	4	25	2	5	0	403	272	131
CHLAMYDIA	607	545	459.7 (423.9-497.8)	417.5 (383.2-454.1)	329	45	138	46	48	1	1845	1709	136
INFECTIOUS SYPHILIS*	19	11	14.4 (8.7-22.5)	8.4 (4.2-15.1)	11	0	7	0	1	0	65	46	19
SYPHILIS (Sero-reactive)*	93	44	70.4 (56.9-86.3)*	33.7 (24.5-45.3)	70	5	12	4	2	0	344	181	163
HEPATITIS B*	1	0	0.8 (0.0-4.2)	0.0 (0.0-2.8)	0	1	0	0	0	0	3	0	3
HEPATITIS C	38	35	28.8 (20.4-39.5)	26.8 (18.7-37.3)	25	4	0	8	1	0	106	93	13
<i>OTHER DISEASES</i>													
CREUTZFELD-JACOB DISEASE	1	0	0.8 (0.0-4.2)	0.0 (0.0-2.8)	0	0	0	1	0	0	2	0	2
STREP. INVASIVE DISEASE (GROUP A)	17	14	12.9 (7.5-20.6)	10.7 (5.9-18.0)	12	2	1	2	0	0	55	50	5
CLOSTRIDIUM DIFFICILE	104	78	78.8 (64.4-95.4)	59.8 (47.2-74.6)	67	11	7	13	6	0	309	222	87



**Data extracted:**                      **May 17, 2016**

## **Notes and Abbreviations**

### Notes:

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7. Since the reportable diseases' list was updated in January 2015, this monthly report was correspondingly modified.
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### Abbreviations:

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EMD	Environmentally Mediated Diseases
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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

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April 2016

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
<i>Enterics</i>													
SHIGELLOSIS	1	2	0.8 (0.0-4.2)	1.5 (0.2-5.5)	1	0	0	0	0	0	5	7	-2
AMEBIASIS	3	2	2.3 (0.5-6.6)	1.5 (0.2-5.5)	1	0	0	0	2	0	9	6	3
E. COLI-VEROTOXIGENIC	3	3	2.3 (0.5-6.6)	2.3 (0.5-6.7)	1	0	0	1	1	0	9	5	4
GIARDIASIS	7	7	5.3 (2.1-10.9)	5.4 (2.2-11.0)	3	0	0	1	3	0	38	24	14
CAMPYLOBACTERIOSIS	14	16	10.6 (5.8-17.8)	12.3 (7.0-19.9)	6	1	0	6	1	0	38	44	-6
SALMONELLOSIS	30	17	22.7 (15.3-32.4)	13.0 (7.6-20.9)	14	1	0	11	4	0	108	81	27
<i>VPD</i>													
DIPHTHERIA CARRIERS	1	0	0.8 (0.0-4.2)	0.0 (0.0-2.8)	0	0	1	0	0	0	5	0	5
H. INFLUENZAE (NON-SEROTYPE B)	1	0	0.8 (0.0-4.2)	0.0 (0.0-2.8)	0	0	1	0	0	0	10	9	1
PERTUSSIS	3	2	2.3 (0.5-6.6)	1.5 (0.2-5.5)	3	0	0	0	0	0	23	5	18
PNEUMOCOCCAL INVASIVE DISEASE	17	16	12.9 (7.5-20.6)	12.3 (7.0-19.9)	2	2	8	2	3	0	52	35	17
<i>Respiratory Diseases and TB</i>													
TB - NON-RESP.	1	1	0.8 (0.0-4.2)	0.8 (0.0-4.3)	0	0	1	0	0	0	12	12	0
TB - RESP.	16	10	12.1 (6.9-19.7)	7.7 (3.7-14.1)	6	0	10	0	0	0	53	36	17

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
INFLUENZA A	49	11	37.1 (27.5-49.1)*	8.4 (4.2-15.1)	30	3	0	7	9	0	855	666	189
INFLUENZA B	74	40	56.0 (44.0-70.4)*	30.6 (21.9-41.7)	26	8	12	17	11	0	173	172	1
<i>EMD and Zoonotics</i>													
BLASTOMYCOSIS	1	1	0.8 (0.0-4.2)	0.8 (0.0-4.3)	0	0	0	0	1	0	4	8	-4
<i>STBBI</i>													
HIV	11	10	8.3 (4.2-14.9)	7.7 (3.7-14.1)	8	2	0	0	1	0	37	41	-4
GONORRHEA	155	91	117.4 (99.6-137.4)*	69.7 (56.1-85.6)	95	14	35	3	8	0	559	362	197
CHLAMYDIA	602	525	455.9 (420.3-493.9)	402.2 (368.5-438.1)	297	61	161	37	46	0	2451	2229	222
INFECTIOUS SYPHILIS*	20	9	15.1 (9.3-23.4)	6.9 (3.2-13.1)	10	2	8	0	0	0	85	55	30
SYPHILIS (Sero-reactive)*	67	35	50.7 (39.3-64.4)*	26.8 (18.7-37.3)	44	4	14	2	3	0	411	223	188
HEPATITIS C	30	32	22.7 (15.3-32.4)	24.5 (16.8-34.6)	22	0	3	5	0	0	138	131	7
<i>OTHER DISEASES</i>													
STREP. INVASIVE DISEASE (GROUP A)	19	14	14.4 (8.7-22.5)	10.7 (5.9-18.0)	11	0	2	1	5	0	74	70	4
CLOSTRIDIUM DIFFICILE	98	75	74.2 (60.3-90.5)	57.5 (45.2-72.0)	50	12	3	13	20	0	407	318	89

**Data extracted:**        *June 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 MHHLS 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.

### 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 2016

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
<i>Enterics</i>													
AMEBIASIS	1	2	0.8 (0.0-4.2)	1.5 (0.2-5.5)	1	0	0	0	0	0	12	6	6
CRYPTOSPORIDIOSIS	2	3	1.5 (0.2-5.5)	2.3 (0.5-6.7)	0	0	0	2	0	0	8	14	-6
E. COLI-VEROTOXIGENIC	1	3	0.8 (0.0-4.2)	2.3 (0.5-6.7)	0	0	0	0	1	0	11	9	2
GIARDIASIS	1	7	0.8 (0.0-4.2)	5.4 (2.2-11.0)	1	0	0	0	0	0	41	31	10
CAMPYLOBACTERIOSIS	14	12	10.6 (5.8-17.8)	9.2 (4.8-16.1)	2	2	0	3	7	0	53	56	-3
SALMONELLOSIS	22	16	16.7 (10.4-25.2)	12.3 (7.0-19.9)	13	0	1	2	6	0	132	96	36
<i>VPD</i>													
MUMPS	1	0	0.8 (0.0-4.2)	0.0 (0.0-2.8)	1	0	0	0	0	0	1	3	-2
MENINGOCOCCAL INVASIVE DISEASE	3	0	2.3 (0.5-6.6)	0.0 (0.0-2.8)	1	0	1	0	1	0	4	3	1
H. INFLUENZAE (NON-SEROTYPE B)	2	2	1.5 (0.2-5.5)	1.5 (0.2-5.5)	1	0	1	0	0	0	12	11	1
PERTUSSIS	3	2	2.3 (0.5-6.6)	1.5 (0.2-5.5)	0	0	1	0	2	0	28	9	19
PNEUMOCOCCAL INVASIVE DISEASE	10	18	7.6 (3.6-13.9)	13.8 (8.2-21.8)	4	0	2	4	0	0	63	54	9
<i>Respiratory Diseases and TB</i>													
TB - NON-RESP.	1	4	0.8 (0.0-4.2)	3.1 (0.8-7.8)	1	0	0	0	0	0	13	16	-3
TB - RESP.	15	12	11.4 (6.4-18.7)	9.2 (4.8-16.1)	6	3	6	0	0	0	67	55	12

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
INFLUENZA A	1	2	0.8 (0.0-4.2)	1.5 (0.2-5.5)	0	0	0	1	0	0	853	667	186
INFLUENZA B	50	31	37.9 (28.1-49.9)	23.7 (16.1-33.7)	10	5	26	4	5	0	222	207	15
<i>EMD and Zoonotics</i>													
TULAREMIA	1	0	0.8 (0.0-4.2)	0.0 (0.0-2.8)	0	0	0	0	1	0	1	0	1
MALARIA	4	4	3.0 (0.8-7.8)	3.1 (0.8-7.8)	4	0	0	0	0	0	9	6	3
<i>STBBI</i>													
HIV	5	8	3.8 (1.2-8.8)	6.1 (2.6-12.1)	1	0	0	1	3	0	42	49	-7
GONORRHEA	175	93	132.5 (113.6-153.7)*	71.2 (57.5-87.3)	104	17	37	12	5	0	734	454	280
CHLAMYDIA	599	515	453.7 (418.1-491.5)	394.5 (361.2-430.1)	294	48	163	56	38	0	3050	2705	345
INFECTIOUS SYPHILIS*	19	11	14.4 (8.7-22.5)	8.4 (4.2-15.1)	11	2	4	2	0	0	106	64	42
SYPHILIS (Sero-reactive)*	62	36	47.0 (36.0-60.2)	27.6 (19.3-38.2)	42	5	8	4	3	0	473	267	206
HEPATITIS B*	1	1	0.8 (0.0-4.2)	0.8 (0.0-4.3)	1	0	0	0	0	0	4	2	2
HEPATITIS C	39	33	29.5 (21.0-40.4)	25.3 (17.4-35.5)	14	10	4	8	3	0	177	166	11
<i>OTHER DISEASES</i>													
STREP. INVASIVE DISEASE (GROUP A)	21	11	15.9 (9.8-24.3)	8.4 (4.2-15.1)	8	3	7	1	2	0	94	88	6
CLOSTRIDIUM DIFFICILE	76	94	57.6 (45.4-72.0)	72.0 (58.2-88.1)	46	5	3	15	7	0	483	444	39

**Data extracted:**        *July 15, 2016*

## **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 (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 MHHLS 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.

### Abbreviations:

ARO	Antibiotic Resistant Organisms
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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

June 2016

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
<i>Enterics</i>													
CRYPTOSPORIDIOSIS	7	3	5.3 (2.1-10.9)	2.3 (0.5-6.7)	2	0	0	5	0	0	15	15	0
AMEBIASIS	1	3	0.8 (0.0-4.2)	2.3 (0.5-6.7)	1	0	0	0	0	0	13	10	3
E. COLI-VEROTOXIGENIC	2	4	1.5 (0.2-5.5)	3.1 (0.8-7.8)	1	0	0	0	1	0	14	14	0
GIARDIASIS	5	7	3.8 (1.2-8.8)	5.4 (2.2-11.0)	3	0	0	1	1	0	47	36	11
CAMPYLOBACTERIOSIS	32	15	24.2 (16.6-34.2)	11.5 (6.4-19.0)	10	5	0	9	8	0	86	66	20
SALMONELLOSIS	20	16	15.1 (9.3-23.4)	12.3 (7.0-19.9)	11	2	0	3	4	0	153	109	44
<i>VPD</i>													
DIPHTHERIA CARRIERS	1	1	0.8 (0.0-4.2)	0.8 (0.0-4.3)	0	0	1	0	0	0	5	2	3
MENINGOCOCCAL INVASIVE DISEASE	1	1	0.8 (0.0-4.2)	0.8 (0.0-4.3)	1	0	0	0	0	0	5	4	1
PERTUSSIS	5	1	3.8 (1.2-8.8)	0.8 (0.0-4.3)	0	0	1	0	4	0	33	11	22
H. INFLUENZAE (NON-SEROTYPE B)	4	2	3.0 (0.8-7.8)	1.5 (0.2-5.5)	0	0	1	1	2	0	16	13	3
PNEUMOCOCCAL INVASIVE DISEASE	9	10	6.8 (3.1-12.9)	7.7 (3.7-14.1)	4	1	1	2	1	0	75	67	8
<i>Respiratory Diseases and TB</i>													
TB - NON-RESP.	5	5	3.8 (1.2-8.8)	3.8 (1.2-8.9)	5	0	0	0	0	0	18	18	0



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.	13	10	9.8 (5.2-16.8)	7.7 (3.7-14.1)	5	3	5	0	0	0	79	67	12
INFLUENZA A	1	0	0.8 (0.0-4.2)	0.0 (0.0-2.8)	0	1	0	0	0	0	854	667	187
INFLUENZA B	5	2	3.8 (1.2-8.8)	1.5 (0.2-5.5)	0	0	5	0	0	0	227	210	17
<i>EMD and Zoonotics</i>													
TULAREMIA	1	0	0.8 (0.0-4.2)	0.0 (0.0-2.8)	0	0	0	1	0	0	2	1	1
BLASTOMYCOSIS	1	1	0.8 (0.0-4.2)	0.8 (0.0-4.3)	1	0	0	0	0	0	5	8	-3
MALARIA	1	2	0.8 (0.0-4.2)	1.5 (0.2-5.5)	1	0	0	0	0	0	10	7	3
<i>STBBI</i>													
HIV	9	8	6.8 (3.1-12.9)	6.1 (2.6-12.1)	7	0	0	1	1	0	52	57	-5
GONORRHEA	192	81	145.4 (125.6-167.5)*	62.1 (49.3-77.1)	141	8	30	4	9	0	926	540	386
CHLAMYDIA	589	493	446.1 (410.8-483.6)	377.7 (345.1-412.5)	346	44	108	48	43	0	3639	3198	441
INFECTIOUS SYPHILIS*	17	11	12.9 (7.5-20.6)	8.4 (4.2-15.1)	9	1	6	0	1	0	123	86	37
SYPHILIS (Sero-reactive)*	46	34	34.8 (25.5-46.5)	26.0 (18.0-36.4)	29	3	12	0	2	0	519	322	197
HEPATITIS B*	1	1	0.8 (0.0-4.2)	0.8 (0.0-4.3)	1	0	0	0	0	0	5	2	3
HEPATITIS C	35	28	26.5 (18.5-36.9)	21.5 (14.3-31.0)	16	5	3	8	3	0	213	201	12
<i>OTHER DISEASES</i>													
STREP. INVASIVE DISEASE (GROUP A)	17	12	12.9 (7.5-20.6)	9.2 (4.8-16.1)	9	2	6	0	0	0	111	103	8
CLOSTRIDIUM DIFFICILE	92	80	69.7 (56.2-85.5)	61.3 (48.6-76.3)	50	14	3	15	10	0	575	540	35

**Data extracted:**      *August 15, 2016*

## **Notes and Abbreviations**

### Notes:

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# epiSUMMARY

## Manitoba Monthly Surveillance Report

July 2016

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
<b>Enterics</b>													
HEPATITIS A	1	0	0.8 (0.0-4.2)	0.0 (0.0-2.8)	0	0	0	1	0	0	1	0	1
SHIGELLOSIS	1	1	0.8 (0.0-4.2)	0.8 (0.0-4.3)	0	0	0	1	0	0	6	8	-2
CYCLOSPORIASIS	1	1	0.8 (0.0-4.2)	0.8 (0.0-4.3)	0	0	0	0	1	0	1	4	-3
AMEBIASIS	2	3	1.5 (0.2-5.5)	2.3 (0.5-6.7)	2	0	0	0	0	0	16	13	3
CRYPTOSPORIDIOSIS	3	4	2.3 (0.5-6.6)	3.1 (0.8-7.8)	1	0	1	0	1	0	18	18	0
E. COLI-VEROTOXIGENIC	5	7	3.8 (1.2-8.8)	5.4 (2.2-11.0)	3	1	0	0	1	0	20	25	-5
GIARDIASIS	8	10	6.1 (2.6-11.9)	7.7 (3.7-14.1)	5	0	0	2	1	0	55	49	6
CAMPYLOBACTERIOSIS	24	22	18.2 (11.6-27.0)	16.9 (10.6-25.5)	6	5	2	5	6	0	111	86	25
SALMONELLOSIS	20	26	15.1 (9.3-23.4)	19.9 (13.0-29.2)	7	1	2	5	5	0	174	134	40
<b>VPD</b>													
DIPHTHERIA CARRIERS	1	0	0.8 (0.0-4.2)	0.0 (0.0-2.8)	1	0	0	0	0	0	6	2	4
TYPHOID	1	0	0.8 (0.0-4.2)	0.0 (0.0-2.8)	1	0	0	0	0	0	2	4	-2
H. INFLUENZAE (NON-SEROTYPE B)	3	2	2.3 (0.5-6.6)	1.5 (0.2-5.5)	2	1	0	0	0	0	19	18	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	2016	2015	Change
PERTUSSIS	13	4	9.8 (5.2-16.8)	3.1 (0.8-7.8)	7	0	1	0	5	0	46	21	25
PNEUMOCOCCAL INVASIVE DISEASE	6	9	4.5 (1.7-9.9)	6.9 (3.2-13.1)	2	1	3	0	0	0	81	76	5
<i>Respiratory Diseases and TB</i>													
TB - NON-RESP.	8	2	6.1 (2.6-11.9)	1.5 (0.2-5.5)	5	1	1	0	1	0	26	21	5
TB - RESP.	22	11	16.7 (10.4-25.2)	8.4 (4.2-15.1)	5	2	14	0	1	0	101	80	21
INFLUENZA B	1	1	0.8 (0.0-4.2)	0.8 (0.0-4.3)	0	0	1	0	0	0	228	211	17
<i>EMD and Zoonotics*</i>													
MALARIA	3	1	2.3 (0.5-6.6)	0.8 (0.0-4.3)	3	0	0	0	0	0	13	9	4
BLASTOMYCOSIS	1	2	0.8 (0.0-4.2)	1.5 (0.2-5.5)	0	0	0	1	0	0	6	9	-3
<i>STBBI</i>													
HIV	8	7	6.1 (2.6-11.9)	5.4 (2.2-11.0)	5	0	1	0	2	0	60	63	-3
GONORRHEA	198	99	150.0 (129.8-172.4)*	75.8 (61.6-92.3)	130	17	33	4	14	0	1123	630	493
CHLAMYDIA	583	488	441.6 (406.4-478.9)	373.9 (341.4-408.5)	302	62	136	47	35	1	4222	3718	504
INFECTIOUS SYPHILIS*	18	11	13.6 (8.1-21.5)	8.4 (4.2-15.1)	5	0	13	0	0	0	144	108	36
SYPHILIS (Sero-reactive)*	45	28	34.1 (24.9-45.6)	21.5 (14.3-31.0)	28	0	15	1	1	0	564	362	202
HEPATITIS C	41	32	31.1 (22.3-42.1)	24.5 (16.8-34.6)	20	8	3	7	3	0	253	236	17
<i>OTHER DISEASES</i>													
STREP. INVASIVE DISEASE (GROUP A)	9	10	6.8 (3.1-12.9)	7.7 (3.7-14.1)	4	2	2	0	1	0	120	117	3
CLOSTRIDIUM DIFFICILE	100	81	75.7 (61.6-92.1)	62.1 (49.3-77.1)	72	11	1	11	5	0	675	630	45

**Data extracted: September 15, 2016**

## Notes and Abbreviations

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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>".

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# epiSUMMARY

## Manitoba Monthly Surveillance Report

July 2016

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Disease or Organism Name	Current	3-Year-Average	Current	3-Year-Average	WRHA	IERHA	NRHA	PMH	SH	Unk	2016	2015	Change
<b>Enterics</b>													
HEPATITIS A	1	0	0.8 (0.0-4.2)	0.0 (0.0-2.8)	0	0	0	1	0	0	1	0	1
SHIGELLOSIS	1	1	0.8 (0.0-4.2)	0.8 (0.0-4.3)	0	0	0	1	0	0	6	8	-2
CYCLOSPORIASIS	1	1	0.8 (0.0-4.2)	0.8 (0.0-4.3)	0	0	0	0	1	0	1	4	-3
AMEBIASIS	2	3	1.5 (0.2-5.5)	2.3 (0.5-6.7)	2	0	0	0	0	0	16	13	3
CRYPTOSPORIDIOSIS	3	4	2.3 (0.5-6.6)	3.1 (0.8-7.8)	1	0	1	0	1	0	18	18	0
E. COLI-VEROTOXIGENIC	5	7	3.8 (1.2-8.8)	5.4 (2.2-11.0)	3	1	0	0	1	0	20	25	-5
GIARDIASIS	8	10	6.1 (2.6-11.9)	7.7 (3.7-14.1)	5	0	0	2	1	0	55	49	6
CAMPYLOBACTERIOSIS	24	22	18.2 (11.6-27.0)	16.9 (10.6-25.5)	6	5	2	5	6	0	111	86	25
SALMONELLOSIS	20	26	15.1 (9.3-23.4)	19.9 (13.0-29.2)	7	1	2	5	5	0	174	134	40
<b>VPD</b>													
DIPHTHERIA CARRIERS	1	0	0.8 (0.0-4.2)	0.0 (0.0-2.8)	1	0	0	0	0	0	6	2	4
TYPHOID	1	0	0.8 (0.0-4.2)	0.0 (0.0-2.8)	1	0	0	0	0	0	2	4	-2
H. INFLUENZAE (NON-SEROTYPE B)	3	2	2.3 (0.5-6.6)	1.5 (0.2-5.5)	2	1	0	0	0	0	19	18	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	2016	2015	Change
PERTUSSIS	13	4	9.8 (5.2-16.8)	3.1 (0.8-7.8)	7	0	1	0	5	0	46	21	25
PNEUMOCOCCAL INVASIVE DISEASE	6	9	4.5 (1.7-9.9)	6.9 (3.2-13.1)	2	1	3	0	0	0	81	76	5
<i>Respiratory Diseases and TB</i>													
TB - NON-RESP.	8	2	6.1 (2.6-11.9)	1.5 (0.2-5.5)	5	1	1	0	1	0	26	21	5
TB - RESP.	22	11	16.7 (10.4-25.2)	8.4 (4.2-15.1)	5	2	14	0	1	0	101	80	21
INFLUENZA B	1	1	0.8 (0.0-4.2)	0.8 (0.0-4.3)	0	0	1	0	0	0	228	211	17
<i>EMD and Zoonotics*</i>													
MALARIA	3	1	2.3 (0.5-6.6)	0.8 (0.0-4.3)	3	0	0	0	0	0	13	9	4
BLASTOMYCOSIS	1	2	0.8 (0.0-4.2)	1.5 (0.2-5.5)	0	0	0	1	0	0	6	9	-3
<i>STBBI</i>													
HIV	8	7	6.1 (2.6-11.9)	5.4 (2.2-11.0)	5	0	1	0	2	0	60	63	-3
GONORRHEA	198	99	150.0 (129.8-172.4)*	75.8 (61.6-92.3)	130	17	33	4	14	0	1123	630	493
CHLAMYDIA	583	488	441.6 (406.4-478.9)	373.9 (341.4-408.5)	302	62	136	47	35	1	4222	3718	504
INFECTIOUS SYPHILIS*	18	11	13.6 (8.1-21.5)	8.4 (4.2-15.1)	5	0	13	0	0	0	144	108	36
SYPHILIS (Sero-reactive)*	45	28	34.1 (24.9-45.6)	21.5 (14.3-31.0)	28	0	15	1	1	0	564	362	202
HEPATITIS C	41	32	31.1 (22.3-42.1)	24.5 (16.8-34.6)	20	8	3	7	3	0	253	236	17
<i>OTHER DISEASES</i>													
STREP. INVASIVE DISEASE (GROUP A)	9	10	6.8 (3.1-12.9)	7.7 (3.7-14.1)	4	2	2	0	1	0	120	117	3
CLOSTRIDIUM DIFFICILE	100	81	75.7 (61.6-92.1)	62.1 (49.3-77.1)	72	11	1	11	5	0	675	630	45

**Data extracted: September 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 MHHLS 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



# epiSUMMARY

## Manitoba Monthly Surveillance Report

August 2016

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
<i>Enterics</i>													
AMEBIASIS	2	2	1.5 (0.2-5.5)	1.5 (0.2-5.5)	2	0	0	0	0	0	18	15	3
E. COLI-VEROTOXIGENIC	5	3	3.8 (1.2-8.8)	2.3 (0.5-6.7)	2	0	0	1	2	0	25	26	-1
GIARDIASIS	22	13	16.7 (10.4-25.2)	10.0 (5.3-17.0)	13	1	0	1	7	0	80	65	15
CRYPTOSPORIDIOSIS	7	16	5.3 (2.1-10.9)	12.3 (7.0-19.9)	1	1	0	2	3	0	25	28	-3
SALMONELLOSIS	20	19	15.1 (9.3-23.4)	14.6 (8.8-22.7)	17	1	0	0	2	0	196	151	45
CAMPYLOBACTERIOSIS	27	25	20.4 (13.5-29.8)	19.2 (12.4-28.3)	13	1	1	6	6	0	141	103	38
<i>VPD</i>													
TYPHOID	1	0	0.8 (0.0-4.2)	0.0 (0.0-2.8)	1	0	0	0	0	0	3	4	-1
PERTUSSIS	22	5	16.7 (10.4-25.2)*	3.8 (1.2-8.9)	7	1	6	1	7	0	69	36	33
PNEUMOCOCCAL INVASIVE DISEASE	2	7	1.5 (0.2-5.5)	5.4 (2.2-11.0)	1	1	0	0	0	0	84	82	2
<i>Respiratory Diseases and TB</i>													
TB - NON-RESP.	6	3	4.5 (1.7-9.9)	2.3 (0.5-6.7)	5	0	0	1	0	0	32	26	6
TB - RESP.	19	10	14.4 (8.7-22.5)	7.7 (3.7-14.1)	5	1	12	0	1	0	120	89	31
<i>EMD and Zoonotics</i>													
TULAREMIA	1	1	0.8 (0.0-4.2)	0.8 (0.0-4.3)	0	0	1	0	0	0	3	2	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	2016	2015	Change
BLASTOMYCOSIS	1	2	0.8 (0.0-4.2)	1.5 (0.2-5.5)	1	0	0	0	0	0	7	10	-3
MALARIA	3	3	2.3 (0.5-6.6)	2.3 (0.5-6.7)	2	0	0	1	0	0	16	13	3
<i>STBBI</i>													
HIV	14	10	10.6 (5.8-17.8)	7.7 (3.7-14.1)	11	2	1	0	0	0	74	69	5
GONORRHEA	206	83	156.0 (135.4-178.8)*	63.6 (50.6-78.8)	142	24	30	4	6	0	1329	699	630
CHLAMYDIA	592	507	448.4 (413.0-486.0)	388.4 (355.3-423.7)	317	52	162	37	24	0	4815	4234	581
INFECTIOUS SYPHILIS*	14	8	10.6 (5.8-17.8)	6.1 (2.6-12.1)	9	1	4	0	0	0	159	120	39
SYPHILIS (Sero-reactive)*	41	24	31.1 (22.3-42.1)	18.4 (11.8-27.4)	26	1	11	2	1	0	606	397	209
HEPATITIS B*	2	1	1.5 (0.2-5.5)	0.8 (0.0-4.3)	2	0	0	0	0	0	9	2	7
HEPATITIS C	41	27	31.1 (22.3-42.1)	20.7 (13.6-30.1)	20	4	3	8	6	0	295	258	37
<i>OTHER DISEASES</i>													
STREP. INVASIVE DISEASE (GROUP A)	14	13	10.6 (5.8-17.8)	10.0 (5.3-17.0)	8	0	5	0	1	0	134	136	-2
CLOSTRIDIUM DIFFICILE	70	76	53.0 (41.3-67.0)	58.2 (45.9-72.9)	45	7	1	9	8	0	745	729	16

**Data extracted:     October 14, 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 MHHLS 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"](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"](http://www.gov.mb.ca/health/wnv/stats.html).

### Abbreviations:

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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 2016

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
<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

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WRHA	Winnipeg Regional Health Authority

# epiSUMMARY

## Manitoba Monthly Surveillance Report

September 2016

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
<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.
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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.
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### Abbreviations:

ARO	Antibiotic Resistant Organisms
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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

October 2016

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
<i>Enterics</i>													
LISTERIOSIS	1	0	0.8 (0.0-4.2)	0.0 (0.0-2.8)	1	0	0	0	0	0	2	3	-1
GIARDIASIS	6	6	4.5 (1.7-9.9)	4.6 (1.7-10.0)	3	0	1	1	1	0	108	84	24
CRYPTOSPORIDIOSIS	3	7	2.3 (0.5-6.6)	5.4 (2.2-11.0)	1	0	1	1	0	0	32	35	-3
CAMPYLOBACTERIOSIS	16	13	12.1 (6.9-19.7)	10.0 (5.3-17.0)	3	1	3	2	7	0	180	135	45
SALMONELLOSIS	24	18	18.2 (11.6-27.0)	13.8 (8.2-21.8)	10	2	1	8	3	0	242	183	59
<i>VPD</i>													
MUMPS	44	0	33.3 (24.2-44.7)*	0.0 (0.0-2.8)	34	3	1	5	1	0	46	7	39
MENINGOCOCCAL INVASIVE DISEASE	1	0	0.8 (0.0-4.2)	0.0 (0.0-2.8)	1	0	0	0	0	0	6	2	4
PERTUSSIS	8	1	6.1 (2.6-11.9)	0.8 (0.0-4.3)	3	0	0	1	4	0	97	51	46
H. INFLUENZAE (NON-SEROTYPE B)	3	2	2.3 (0.5-6.6)	1.5 (0.2-5.5)	1	2	0	0	0	0	24	26	-2
PNEUMOCOCCAL INVASIVE DISEASE	9	11	6.8 (3.1-12.9)	8.4 (4.2-15.1)	3	2	1	3	0	0	97	94	3
<i>Respiratory Diseases and TB</i>													
TB - NON-RESP.	1	2	0.8 (0.0-4.2)	1.5 (0.2-5.5)	1	0	0	0	0	0	35	34	1
TB - RESP.	14	10	10.6 (5.8-17.8)	7.7 (3.7-14.1)	7	1	4	0	2	0	142	104	38
INFLUENZA A	7	0	5.3 (2.1-10.9)	0.0 (0.0-2.8)	1	0	0	6	0	0	862	672	190

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
INFLUENZA B	1	1	0.8 (0.0-4.2)	0.8 (0.0-4.3)	0	1	0	0	0	0	229	212	17
<i>STBBI</i>													
HIV	12	11	9.1 (4.7-15.9)	8.4 (4.2-15.1)	11	0	1	0	0	0	100	91	9
GONORRHEA	200	104	151.5 (131.2-174.0)*	79.7 (65.1-96.5)	131	17	31	11	10	0	1800	879	921
CHLAMYDIA	578	599	437.8 (402.8-474.9)	458.9 (422.9-497.2)	299	64	129	56	29	1	6055	5442	613
INFECTIOUS SYPHILIS*	16	13	12.1 (6.9-19.7)	10.0 (5.3-17.0)	5	0	10	0	1	0	196	159	37
SYPHILIS (Sero-reactive)*	49	35	37.1 (27.5-49.1)	26.8 (18.7-37.3)	32	1	14	1	1	0	700	480	220
HEPATITIS B*	1	0	0.8 (0.0-4.2)	0.0 (0.0-2.8)	1	0	0	0	0	0	12	3	9
HEPATITIS C	41	31	31.1 (22.3-42.1)	23.7 (16.1-33.7)	20	4	5	10	1	1	384	330	54
<i>OTHER DISEASES</i>													
STREP. INVASIVE DISEASE (GROUP A)	15	12	11.4 (6.4-18.7)	9.2 (4.8-16.1)	8	3	2	1	1	0	171	170	1
CLOSTRIDIUM DIFFICILE	80	78	60.6 (48.0-75.4)	59.8 (47.2-74.6)	51	10	2	12	5	0	905	894	11

**Data extracted: December 16, 2016**

## Notes and Abbreviations

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# epiSUMMARY

## Manitoba Monthly Surveillance Report

November 2016

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
<i>Enterics</i>													
LISTERIOSIS	1	0	0.8 (0.0-4.2)	0.0 (0.0-2.8)	0	0	1	0	0	0	3	3	0
E. COLI-VEROTOXIGENIC	8	1	6.1 (2.6-11.9)	0.8 (0.0-4.3)	4	0	0	1	3	0	36	36	0
SHIGELLOSIS	2	1	1.5 (0.2-5.5)	0.8 (0.0-4.3)	2	0	0	0	0	0	11	19	-8
AMEBIASIS	2	2	1.5 (0.2-5.5)	1.5 (0.2-5.5)	2	0	0	0	0	0	21	20	1
GIARDIASIS	9	7	6.8 (3.1-12.9)	5.4 (2.2-11.0)	4	0	3	1	1	0	118	94	24
CAMPYLOBACTERIOSIS	8	11	6.1 (2.6-11.9)	8.4 (4.2-15.1)	3	1	1	1	2	0	189	141	48
SALMONELLOSIS	14	15	10.6 (5.8-17.8)	11.5 (6.4-19.0)	5	0	1	4	4	0	257	195	62
<i>VPD</i>													
MUMPS	30	0	22.7 (15.3-32.4)*	0.0 (0.0-2.8)	23	2	1	2	2	0	76	7	69
H. INFLUENZAE (SEROTYPE B)	1	0	0.8 (0.0-4.2)	0.0 (0.0-2.8)	0	0	0	1	0	0	1	3	-2
TYPHOID	1	0	0.8 (0.0-4.2)	0.0 (0.0-2.8)	1	0	0	0	0	0	4	5	-1
H. INFLUENZAE (NON-SEROTYPE B)	3	0	2.3 (0.5-6.6)	0.0 (0.0-2.8)	2	0	0	0	1	0	27	27	0
PERTUSSIS	9	2	6.8 (3.1-12.9)	1.5 (0.2-5.5)	0	0	4	0	5	0	107	56	51
PNEUMOCOCCAL INVASIVE DISEASE	7	10	5.3 (2.1-10.9)	7.7 (3.7-14.1)	3	2	1	1	0	0	104	105	-1
<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	2016	2015	Change
TB - NON-RESP.	4	1	3.0 (0.8-7.8)	0.8 (0.0-4.3)	3	1	0	0	0	0	38	35	3
TB - RESP.	12	8	9.1 (4.7-15.9)	6.1 (2.6-12.1)	10	0	2	0	0	0	153	111	42
INFLUENZA A	6	7	4.5 (1.7-9.9)	5.4 (2.2-11.0)	5	1	0	0	0	0	868	672	196
<i>EMD and Zoonotics</i>													
BLASTOMYCOSIS	2	2	1.5 (0.2-5.5)	1.5 (0.2-5.5)	1	0	1	0	0	0	12	16	-4
<i>STBBI</i>													
HIV	14	7	10.6 (5.8-17.8)	5.4 (2.2-11.0)	10	0	0	2	2	0	114	98	16
GONORRHEA	211	108	159.8 (139.0-182.9)*	82.7 (67.9-99.9)	131	26	36	12	6	0	2018	981	1037
CHLAMYDIA	619	528	468.8 (432.6-507.2)	404.5 (370.7-440.5)	315	55	163	51	34	1	6686	5994	692
INFECTIOUS SYPHILIS*	13	12	9.8 (5.2-16.8)	9.2 (4.8-16.1)	5	1	5	0	2	0	212	179	33
SYPHILIS (Sero-reactive)*	41	38	31.1 (22.3-42.1)	29.1 (20.6-40.0)	28	1	8	0	4	0	741	539	202
HEPATITIS C	35	26	26.5 (18.5-36.9)	19.9 (13.0-29.2)	23	4	1	6	1	0	419	366	53
<i>OTHER DISEASES</i>													
STREP. INVASIVE DISEASE (GROUP A)	14	15	10.6 (5.8-17.8)	11.5 (6.4-19.0)	8	0	3	2	1	0	185	191	-6
CLOSTRIDIUM DIFFICILE	95	78	72.0 (58.2-88.0)	59.8 (47.2-74.6)	51	11	7	18	8	0	1000	991	9

**Data extracted:**     *January 16, 2017*

## **Notes and Abbreviations**

### Notes:

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# epiSUMMARY

## Manitoba Monthly Surveillance Report

December 2016

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
<i>Enterics</i>													
LISTERIOSIS	1	0	0.8 (0.0-4.2)	0.0 (0.0-2.8)	1	0	0	0	0	0	4	3	1
AMEBIASIS	4	1	3.0 (0.8-7.8)	0.8 (0.0-4.3)	2	1	0	0	1	0	26	21	5
CRYPTOSPORIDIOSIS	1	1	0.8 (0.0-4.2)	0.8 (0.0-4.3)	1	0	0	0	0	0	33	37	-4
E. COLI-VEROTOXIGENIC	3	3	2.3 (0.5-6.6)	2.3 (0.5-6.7)	3	0	0	0	0	0	39	42	-3
GIARDIASIS	10	6	7.6 (3.6-13.9)	4.6 (1.7-10.0)	9	0	0	0	1	0	129	101	28
CAMPYLOBACTERIOSIS	7	10	5.3 (2.1-10.9)	7.7 (3.7-14.1)	3	0	1	0	3	0	196	149	47
SALMONELLOSIS	14	20	10.6 (5.8-17.8)	15.3 (9.4-23.7)	6	2	1	2	3	0	271	215	56
<i>VPD</i>													
DIPHTHERIA CASES	1	0	0.8 (0.0-4.2)	0.0 (0.0-2.8)	1	0	0	0	0	0	1	0	1
MUMPS	43	0	32.6 (23.6-43.9)*	0.0 (0.0-2.8)	33	3	1	0	6	0	119	8	111
MENINGOCOCCAL INVASIVE DISEASE	2	1	1.5 (0.2-5.5)	0.8 (0.0-4.3)	0	0	1	0	1	0	8	3	5
PERTUSSIS	8	1	6.1 (2.6-11.9)	0.8 (0.0-4.3)	1	0	1	0	6	0	118	56	62
H. INFLUENZAE (NON-SEROTYPE B)	5	3	3.8 (1.2-8.8)	2.3 (0.5-6.7)	0	0	2	0	3	0	32	34	-2
PNEUMOCOCCAL INVASIVE DISEASE	16	10	12.1 (6.9-19.7)	7.7 (3.7-14.1)	9	1	2	3	1	0	120	116	4
<i>Respiratory Diseases and TB</i>													



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 - NON-RESP.	6	2	4.5 (1.7-9.9)	1.5 (0.2-5.5)	4	0	2	0	0	0	43	39	4
TB - RESP.	9	10	6.8 (3.1-12.9)	7.7 (3.7-14.1)	4	1	3	0	1	0	162	119	43
INFLUENZA B	5	3	3.8 (1.2-8.8)	2.3 (0.5-6.7)	1	0	0	3	1	0	235	212	23
INFLUENZA A	8	151	6.1 (2.6-11.9)	115.7 (98.0-135.7)	5	0	0	3	0	0	876	676	200
<i>EMD and Zoonotics</i>													
MALARIA	2	0	1.5 (0.2-5.5)	0.0 (0.0-2.8)	2	0	0	0	0	0	20	20	0
BLASTOMYCOSIS	2	1	1.5 (0.2-5.5)	0.8 (0.0-4.3)	2	0	0	0	0	0	14	16	-2
<i>STBBI</i>													
HIV	13	7	9.8 (5.2-16.8)	5.4 (2.2-11.0)	12	0	0	0	1	0	127	103	24
GONORRHEA	196	83	148.4 (128.4-170.7)*	63.6 (50.6-78.8)	119	20	40	11	6	0	2216	1080	1136
CHLAMYDIA	496	483	375.7 (343.3-410.2)	370.0 (337.8-404.5)	266	44	110	41	35	0	7185	6539	646
INFECTIOUS SYPHILIS*	13	15	9.8 (5.2-16.8)	11.5 (6.4-19.0)	6	0	7	0	0	0	229	206	23
SYPHILIS (Sero-reactive)*	58	35	43.9 (33.4-56.8)	26.8 (18.7-37.3)	38	2	17	1	0	0	801	590	211
HEPATITIS B*	1	0	0.8 (0.0-4.2)	0.0 (0.0-2.8)	0	1	0	0	0	0	13	4	9
HEPATITIS C	43	26	32.6 (23.6-43.9)	19.9 (13.0-29.2)	29	3	1	8	2	0	462	392	70
<i>OTHER DISEASES</i>													
STREP. AGALACTIAE (NEWBORN)	1	1	0.8 (0.0-4.2)	0.8 (0.0-4.3)	1	0	0	0	0	0	10	7	3
STREP. INVASIVE DISEASE (GROUP A)	19	13	14.4 (8.7-22.5)	10.0 (5.3-17.0)	11	3	3	0	2	0	206	212	-6
CLOSTRIDIUM DIFFICILE	78	81	59.1 (46.7-73.7)	62.1 (49.3-77.1)	32	11	6	15	14	0	1078	1094	-16

**Data extracted: February 15, 2017**

## Notes and Abbreviations

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