# Manitoba Monthly Surveillance Unit Report

Reported up to June 30, 2011

# **Highlights:**

## 1. Antimicrobial Resistant Organisms

Together Methicillin-resistant *Staphylococcus aureus* (MRSA) and *Clostridium difficile* (*C. difficile*) accounted for 59% of all non-STBBI related communicable diseases reported to Manitoba Health during June 2011.

The data reveal that there are increased numbers of Vancomycin-resistant *Enterococcus* (VRE) in 2011 compared to 2010. The increased number of VRE cases in 2011 is attributable to hospital-related VRE outbreaks reported this year.

## 2. Sexually Transmitted & Blood-Borne Infections (STBBI)

There were 654 reported cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) in June 2011:

- 557 reported cases of chlamydia (CT) only
- 47 reported cases of gonorrhoea (GC) only
- 40 reported co-infections of CT and GC and
- 10 reported cases of syphilis

Chlamydia has the highest incidence of reported STBBI. Females between the ages of 15 and 24 years comprised 43% of all reported chlamydia cases in the province.

Syphilis cases include both infectious and non-infectious cases, as well as those requiring further follow-up to determine their status.

In June 2011, there was one case of Hepatitis B virus (HBV), 15 cases of Hepatitis C virus (HCV) and 7 cases of HIV newly reported in Manitoba.

### 3. Other Communicable Diseases

The number of reported cases in June 2011 was within or below the statistically expected range for these reported communicable diseases with the exception of the following disease(s):

- Dengue Fever: 1 positive lab-confirmed case reported; less than 1 expected in an average month.
- Legionellosis: 2 positive lab-confirmed cases reported; less than 2 expected in an average month.
- Neisseria meningitidis (other sterile site): 1 positive lab-confirmed case reported; less than 1 expected in an average month.

The expected number of cases and range is statistically based on the number of reported cases during May, June, and July, 2006-2010.

## **Explanatory Notes:**

## **General:**

Each monthly communicable disease report includes the number of cases of notifiable communicable diseases reported by lab or health provider during each individual month. Data for the monthly summary are aggregated based on the earliest of: symptom onset date, specimen collection date, or report date. For the majority of cases, the date used will be the specimen collection date as symptom onset date is frequently not recorded. Some discrepancy of numbers may be based on reporting delays.

The observed numbers of cases are compared to the statistically expected range for each reportable communicable disease. This involves comparing the current month's case counts to the average case counts for the same month, one month subsequent and one month prior for the previous five years. These same months over the five years are used to determine the expected range of cases using the statistical calculation of standard deviation. Using this specific monthly pattern allows for adjustment within the statistics for both seasonality and cyclical disease patterns.

The year-to-date case counts are based on the calendar year.

The disease data reported in the monthly report has not been analyzed for severity or associated deaths at this time.

# **Disease specific information:**

Methicillin-resistant *Staphylococcus aureus* (MRSA) positive results within Manitoba include both individuals who are symptomatic of infection and colonized individuals who have no symptoms and are mostly diagnosed during admission screening activities at facilities. If facilities increase their screening activities, it would usually result in a rise in colonized MRSA cases.

A new case of Hepatitis C Virus (HCV) infection is defined as a first positive test for an identifiable individual.

A new case of Human Immunodeficiency Virus (HIV) infection is defined as a positive test with a unique code that has not been previously linked to a positive test result in Manitoba. Positive HIV tests included in this month's statistics include both nominal and non-nominal testing results.

The number of Tuberculosis cases year-to-date may not equal the sum of cases reported for each month of this year. As new test results are received, there may be a change in diagnosis. Occasionally, diagnosis dates are updated, which also contributes to total numbers varying from month to month.

#### SUMMARY OF COMMUNICABLE DISEASE FOR June 2011

ICD9				MONT	THLY TOTAL		YEAR-T	O-DATE	
006.9   AMEBIASIS	ICD9	DISEASE/INFECTION	2010	2011	Expected*		2010	2011	
127.0   ASCARIASIS   1	006.9	AMEBIASIS	4	3	4		23	11	
100.50   1	022	ANTHRAX				***			
320.1   BAC. MENINGITIS - PNEUM	127.0	ASCARIASIS	1		0	0-1	1		
320.1   BAC. MENINGITIS - PNEUM					0	0-1			
320.7   BAC.MENINGITIS-LISTERIA					0	0-1			
1936.0   BETA STREP SEPTICEMIA   20   8	320.7	BAC.MENINGITIS-LISTERIA				***		1	
116.0   BLASTOMYCOSIS			20	8		***	66	69	
005.1   BOTULISM						***	3	2	
OSS   C. PERFRINGENS   C. D. O.	005.1	BOTULISM				***			
OBA 3	023	BRUCELLOSIS			0	0-1			
658.2         CLOSTRIDIUM DIFFICILE         83         93         ****         469         469           007.8         CRYPTOSPORIDIOSIS         4         2         0-7         6         12           061.0         DENGUE HEMORRHAGIC FEVER         1         0         0-0         3           065.4         DENGUE HEMORRHAGIC FEVER         0         0-0         0         1           V02.4         DIPHACRARIERS         0         0-0         1         6           032         DIPHTHERIA CASES         0         0-0         1           123.4         DIPHYLLOBOTHRIUM SPP         3         3         1         0-3         3         5           068.0         E. COLL-VEROTOXIGENIC         7         7         7         0-21         26         25           064.3         ENCEPHALITIS         0         0-1         0         0-1         0         0-1         0         0-1         0         0-1         0         0-1         0         0-1         0         0-1         0         0-1         0         0-1         0         0-1         0         0-1         0         0-1         0         0         0-1         0         0-1	005.2	C. PERFRINGENS			0	0-1		2	
658.2         CLOSTRIDIUM DIFFICILE         83         93         ****         469         469           007.8         CRYPTOSPORIDIOSIS         4         2         0-7         6         12           061.0         DENGUE HEMORRHAGIC FEVER         1         0         0-0         3           065.4         DENGUE HEMORRHAGIC FEVER         0         0-0         0         1           V02.4         DIPHACRARIERS         0         0-0         1         6           032         DIPHTHERIA CASES         0         0-0         1           123.4         DIPHYLLOBOTHRIUM SPP         3         3         1         0-3         3         5           068.0         E. COLL-VEROTOXIGENIC         7         7         7         0-21         26         25           064.3         ENCEPHALITIS         0         0-1         0         0-1         0         0-1         0         0-1         0         0-1         0         0-1         0         0-1         0         0-1         0         0-1         0         0-1         0         0-1         0         0-1         0         0-1         0         0         0-1         0         0-1	008.43	CAMPYLOBACTER	28	28	22	9-35	108	123	
ORDIT   CREDIT   ELECTRODO B CREASE	558.2		83	93		***	469	469	
O7.8   CRYPTOSPORIDIOSIS	046.1	CREUTZFELD-JACOB DISEASE				***			
DENGUE HEMORRHAGIC FEVER				4	2	0-7	6	12	
VO2.4   DIPH.CARRIERS   0 0 0-1 6   1   1   1   1   1   1   1   1   1	061.0	DENGUE FEVER		1	0	0-0		3	
032   DIPHTHERIA CASES	065.4	DENGUE HEMORRHAGIC FEVER			0	0-0			
DIPHTHERIA CASES		DIPH.CARRIERS			0	0-1	6		
D08.0   E.COL-VEROTOXIGENIC   7   7   7   0-21   26   25	032				0	0-0	1		
D08.0   E.COL-VEROTOXIGENIC   7   7   7   0-21   26   25			3	3			3	5	
SALS   SENCEPHALITIS					7				
DOS.9									
007.1   GIARDIA LAMBLIA   13   5   13   4-22   64   44   320.0   H.INFLUENZAE (CSF)   0   0-1   1   1   1   1   1   1   1   1   1									
320.0   H.INFLUENZAE (CSF)			13	5			64	44	
041.5         H.INFLUENZAE (OTHER STERILE)         0         0-0         2           041.59         HAEM. INFLUENZAE (non-B)         ****         480.8         HAEM. INFLUENZAE (non-B)         ****           480.8         HANTA VIRUS         0         0-0         0-0           283.11         HEMOLYTIC UREMIC SYNDROME         0         0-1         0-1           070.1         HEPATITIS A         1         1         0-3         2         6           070.3         HEPATITIS B         1         1         0         0-1         1         3           070.51         HEPATITIS C         28         15         29         20-38         150         150           487.1A         INFLUENZA A         ****         113         487.1B         INFLUENZA B         ****         113           482.83         LEGIONELLA         1         2         0         0-1         3         3           085.9         LEISHMANIASIS         0         0-0         0-0         0-0         0-0         0-0         0-0         0-0         0-0         0-0         0-0         0-0         0-0         0-0         0-0         0-0         0-0         1         1         1									
041.59									
ABO.8					-			_	
December 2015   December 201					0	0-0			
070.1         HEPATITIS A         1         1         0-3         2         6           070.3         HEPATITIS B         1         1         0         0-1         1         3           070.51         HEPATITIS C         28         15         29         20-38         150         150           487.1A         INFLUENZA A         ****         113           487.1B         INFLUENZA B         ****         111           482.83         LEGIONELLA         1         2         0         0-1         3         3           085.9         LEISHMANIASIS         0         0-0         1         1         1         0         0         0         0 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
070.3         HEPATITIS B         1         1         0         0-1         1         3           070.51         HEPATITIS C         28         15         29         20-38         150         150           487.1A         INFLUENZA A         ****         113           487.1B         INFLUENZA B         ****         113           482.83         LEGIONELLA         1         2         0         0-1         3         3           085.9         LEISHMANIASIS         0         0-0         1         0         0-0         0-1				1			2	6	
O70.51   HEPATITIS C   28   15   29   20-38   150   150     487.1A   INFLUENZA A	070.3		1						
487.1A   INFLUENZA A			28	15	_	20-38	150	_	
487.1B				1					
482.83   LEGIONELLA						***			
085.9         LEISHMANIASIS         0         0-0           030.9         LEPROSY         0         0-0           027.0         LISTERIA MONOCYTOGENES         0         0-1         1           088.81         LYME DISEASE         2         1         0-3         3           084         MALARIA         2         2         2         0-6         6         9           055.9         MEASLES         0         0-1         1			1	2	0	0-1	3		
030.9         LEPROSY         0         0-0         0         0-0         0         0-1         1         1         1         0         0-1         1         1         1         1         0         0-1         1         1         1         1         0         0-1         1         1         0			<u> </u>						
027.0         LISTERIA MONOCYTOGENES         0         0-1         1         1           088.81         LYME DISEASE         2         1         0-3         3           084         MALARIA         2         2         2         0-6         6         9           055.9         MEASLES         0         0-1         1         0         0-1         1           036.0         MENINGOCOCCAL CSF         0         0-1         1         1         0         0-1         1         0           036.2         MENINGOCOCCEMIA BLOOD         1         0         0-1         3         0         0         0-1         3         0         0         0-1         3         0         0         0-1         3         0         0         0-1         3         0         0         0-1         3         0									
088.81         LYME DISEASE         2         1         0-3         3           084         MALARIA         2         2         2         0-6         6         9           055.9         MEASLES         0         0-1         1         0         0-1         1         0           036.0         MENINGOCOCCAL CSF         0         0         0-1         1         1         0         0-1         1         1         0         0-1         3         0         0         0-1         3         0         0         0-1         3         0         0         0-1         3         0         0         0-1         3         0         0         0-1         3         0         0         0-1         3         0         0         0-1         3         0         0         0-1         3         0         0         0-1         3         0 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>1</td><td>1</td></td<>							1	1	
084         MALARIA         2         2         2         0-6         6         9           055.9         MEASLES         0         0-1         1         0         0-1         1         0         0-1         1         0         0-1         1         1         0         0-1         3         0         0         0-1         3         0         0         0-1         3         0         0         0-1         3         0         0         0-1         3         0         0         0-1         3         0         0         0-1         3         0         0         0-1         3         0         0         0-1         3         0         0         0-1         3         0         0         0-1         3         0         0         0-1         3         0         0         0-1         3         1         1         0			2						
055.9         MEASLES         0         0-1         1           036.0         MENINGOCOCCAL CSF         0         0-1         1           036.82         MENINGOCOCCAL ARTHROPATHY         ****         2           036.2         MENINGOCOCCEMIA BLOOD         1         0         0-1         3           B95.6         MRSA         270         244         192         62-322         1469         1445           072.9         MUMPS         1         1         0-3         1         10           036.89         N.MENINGITIDIS OTHER         1         0         0-0         1         1           728.86         NECROTIZING FASCIITIS         3         2         0-6         8         3           729.1         NECROTIZING MYOSITIS         ****         ****           323.9         OTHER ENCEPHALITIS         0         0-0         0-0           033.1         PARAPERTUSSIS         5         2         3         0-10         27         10           038.2         PNEUM. SEPTICEMIA         10         7         10         3-17         81         77				2				9	
036.0         MENINGOCOCCAL CSF         0         0-1         1           036.82         MENINGOCOCCAL ARTHROPATHY         ****         2           036.2         MENINGOCOCCEMIA BLOOD         1         0         0-1         3           B95.6         MRSA         270         244         192         62-322         1469         1445           072.9         MUMPS         1         1         0-3         1         10           036.89         N.MENINGITIDIS OTHER         1         0         0-0         1         1           728.86         NECROTIZING FASCIITIS         3         2         0-6         8         3           729.1         NECROTIZING MYOSITIS         ****         ****           323.9         OTHER ENCEPHALITIS         0         0-0         0-0           033.1         PARAPERTUSSIS         ****         ****           033.0         PERTUSSIS         5         2         3         0-10         27         10           038.2         PNEUM. SEPTICEMIA         10         7         10         3-17         81         77				_					
036.82         MENINGOCOCCAL ARTHROPATHY         ***         2           036.2         MENINGOCOCCEMIA BLOOD         1         0         0-1         3           B95.6         MRSA         270         244         192         62-322         1469         1445           072.9         MUMPS         1         1         0-3         1         10           036.89         N.MENINGITIDIS OTHER         1         0         0-0         1         1           728.86         NECROTIZING FASCIITIS         3         2         0-6         8         3           729.1         NECROTIZING MYOSITIS         ****         ****           323.9         OTHER ENCEPHALITIS         0         0-0         0-0           033.1         PARAPERTUSSIS         ****         ****           033.0         PERTUSSIS         5         2         3         0-10         27         10           038.2         PNEUM. SEPTICEMIA         10         7         10         3-17         81         77					_		'	1	
036.2         MENINGOCOCCEMIA BLOOD         1         0         0-1         3           B95.6         MRSA         270         244         192         62-322         1469         1445           072.9         MUMPS         1         1         0-3         1         10           036.89         N.MENINGITIDIS OTHER         1         0         0-0         1           728.86         NECROTIZING FASCIITIS         3         2         0-6         8         3           729.1         NECROTIZING MYOSITIS         ****         ****         3           323.9         OTHER ENCEPHALITIS         0         0-0         0-0           033.1         PARAPERTUSSIS         ****         ****           033.0         PERTUSSIS         5         2         3         0-10         27         10           038.2         PNEUM. SEPTICEMIA         10         7         10         3-17         81         77					0		2	'	
B95.6         MRSA         270         244         192         62-322         1469         1445           072.9         MUMPS         1         1         0-3         1         10           036.89         N.MENINGITIDIS OTHER         1         0         0-0         1           728.86         NECROTIZING FASCIITIS         3         2         0-6         8         3           729.1         NECROTIZING MYOSITIS         ****         ****         ****           323.9         OTHER ENCEPHALITIS         0         0-0         ****           033.1         PARAPERTUSSIS         ****         ****           033.0         PERTUSSIS         5         2         3         0-10         27         10           038.2         PNEUM. SEPTICEMIA         10         7         10         3-17         81         77			1	+	0	0-1		1	
072.9         MUMPS         1         1         0-3         1         10           036.89         N.MENINGITIDIS OTHER         1         0         0-0         1           728.86         NECROTIZING FASCIITIS         3         2         0-6         8         3           729.1         NECROTIZING MYOSITIS         ****         ****           323.9         OTHER ENCEPHALITIS         0         0-0           033.1         PARAPERTUSSIS         ****         ****           033.0         PERTUSSIS         5         2         3         0-10         27         10           038.2         PNEUM. SEPTICEMIA         10         7         10         3-17         81         77				244			_	1445	
036.89         N.MENINGITIDIS OTHER         1         0         0-0         1           728.86         NECROTIZING FASCIITIS         3         2         0-6         8         3           729.1         NECROTIZING MYOSITIS         ****         ****           323.9         OTHER ENCEPHALITIS         0         0-0           033.1         PARAPERTUSSIS         ****           033.0         PERTUSSIS         5         2         3         0-10         27         10           038.2         PNEUM. SEPTICEMIA         10         7         10         3-17         81         77			210						
728.86         NECROTIZING FASCIITIS         3         2         0-6         8         3           729.1         NECROTIZING MYOSITIS         *** <td r<="" td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>'</td><td></td></td>	<td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>'</td> <td></td>							'	
729.1         NECROTIZING MYOSITIS         ***           323.9         OTHER ENCEPHALITIS         0         0-0           033.1         PARAPERTUSSIS         ***         ***           033.0         PERTUSSIS         5         2         3         0-10         27         10           038.2         PNEUM. SEPTICEMIA         10         7         10         3-17         81         77			3	-			, a		
323.9         OTHER ENCEPHALITIS         0         0-0           033.1         PARAPERTUSSIS         ***           033.0         PERTUSSIS         5         2         3         0-10         27         10           038.2         PNEUM. SEPTICEMIA         10         7         10         3-17         81         77			3						
033.1         PARAPERTUSSIS         ***           033.0         PERTUSSIS         5         2         3         0-10         27         10           038.2         PNEUM. SEPTICEMIA         10         7         10         3-17         81         77			-		0			<del> </del>	
033.0         PERTUSSIS         5         2         3         0-10         27         10           038.2         PNEUM. SEPTICEMIA         10         7         10         3-17         81         77			-	+	"			<b> </b>	
038.2 PNEUM. SEPTICEMIA 10 7 10 3-17 81 77			5	2	2		27	10	
	036.2	PSITTACOSIS	10	'	0	0-0	ΟI	''	

Mean of 15 month totals, from previous, comparable and subsequent months for the past 5 years.

Mean +/- 2 standard deviations of the mean.

Data collected for less than 5 years.

Excludes Wave 1 and 2 cases reported during the 2009/2010 Influenza A H1N1 pandemic. There were no cases of pandemic H1N1 in June 2011.

#### SUMMARY OF COMMUNICABLE DISEASE FOR June 2011

			MONT	THLY TOTAL		YEAR-TO	O-DATE
ICD9	DISEASE/INFECTION	2010	2011	Expected*	Ex. Range**	2010	2011
083.0	Q FEVER			0	0-0		1
082.0	RICKETTSIA RICKETTSII		1		***		1
056.9	RUBELLA	1		0	0-1	2	
771.0	RUBELLA CONGENTIAL			0	0-0		1
041.2	S.PNEUM.OTHER		1	0	0-1	8	8
003.0	SALMONELLA	7	13	18	4-32	113	98
079.82	SARS (CORONAVIRUS)				***		
120	SCHISTOSOMIASIS			0	0-0		
079.99	SEVERE RESPIRATORY ILLNESS				***		
004	SHIGELLOSIS	2	2	1	0-4	16	17
050.9	SMALLPOX				***		
005.0	STAPH FOOD POISON			0	0-0		
785.5	STAPH TOXIC SHOCK				***		
481.9	STREP PNEUMONIA - PR			0	0-1		
041.1	STREP PYOGENES - OTHER	8	10		***	41	53
711.0	STREP.PNEUM.ARTHRITIS			0	0-0		
580.0	STREPT GLOMERULONEPHRITIS			0	0-0		
040.89	STREPT TOXIC SHOCK			0	0-0		
481	STREPTOCOCCUS PNEUMONIAE			0	0-1		
127.2	STRONGYLOIDES	1	2	1	0-5	7	17
037	TETANUS			0	0-0	1	
130.9	TOXOPLASMOSIS			0	0-1	2	1
124	TRICHINOSIS			0	0-0		
086	TRYPANOSOMA CRUZI		1	0	0-2		5
013-018	TUBERCULOSIS - NON-RESP.	5	3	2	0-4	20	13
010	TUBERCULOSIS - PRIM.	1		1	0-3	3	5
011-012	TUBERCULOSIS - RESP	12	5	10	2-18	46	40
021.9	TULAREMIA			0	0-1	1	
002.0	TYPHOID			0	0-1	1	4
081.9	TYPHUS			0	0-0		
B96.8	VANCOMYCIN R. ENTEROCOCCI	34	102	-	***	161	521
005.4	VIBRIO PARAHAEMOLYTICUS				***	-	_
070.59	VIRAL HEP. OTHER				***	1	
B95.7	VRSA		1	0	0-0		
062.1	W. EQUINE ENCEPHALITIS		<b>†</b>	0	0-0		
066.41	WNV NEUROLOGICAL			-	***		
008.44	YERSINIA ENTEROCOLITICA		<u> </u>	1	0-2	4	7
		553	568		<u> </u>	2961	3404

Mean of 15 month totals, from previous, comparable and subsequent months for the past 5 years. Mean +/- 2 standard deviations of the mean. Data collected for less than 5 years.

### SUMMARY OF COMMUNICABLE DISEASE BY AGE AND GENDER FOR JUNE 2011

		<	:1	1	-4	5	-9	10	-14	15	-19	20	-24	25-	-29	30-	39	40-	-49	50-	-59	60	-69	70	-79	8	0+	Missing	T
ICD9	Disease Name	F	М	F	М	F	М	F	М	F	М	F	M	F	М	F	М	F	М	F	M	F	М	F	М	F	М	Age/Gender	Total
006.9	AMEBIASIS													1		1		1											3
038.0	BETA STREP SEPTICEMIA															1				1	1			1	2	1	1		8
008.43	CAMPYLOBACTER		1	1	3					1	2	1	3	1	2			1	3	2	3		3				1		28
558.2	CLOSTRIDIUM DIFFICILE									2		1	1	1		3	2	6	4	10	4	14	7	6	14	9	9		93
007.8	CRYPTOSPORIDIOSIS								2	1						1													4
061.0	DENGUE FEVER																								1				1
123.4	DIPHYLLOBOTHRIUM								1						1	1													3
0.800	E. COLI 0157										1		1			1		2		1		1							7
007.1	GIARDIA LAMBLIA				1				1							1	1						1						5
070.1	HEPATITIS A																					1							1
070.3	HEPATITIS B														1														1
070.51	HEPATITIS C			1									1		2		3	2	2	1	1	1		1					15
482.83	LEGIONELLA																			1			1						2
084	MALARIA															1						1							2
B95.6	MRSA	7	4	9	12	7	4	3	7	8	8	11	13	4	3	5	19	15	16	8	13	10	14	7	14	11	12		244
072.9	MUMPS													1															1
036.89	NEISSERIA MGTS(0ther)																					1							1
033.0	PERTUSSIS	1	1																										2
038.2	PNEUM. SEPTICEMIA			1	1											1			1		1		1	1					7
082.0	RICKETTSIA RICKETTSII																	1											1
003.0	SALMONELLA						1				1	2				1	1			2			3		1		1		13
004	SHIGELLOSIS											1								1									2
041.1	STREP PYOGENES - OTHER ST										1	1		1		1	2		1			2				1			10
041.2	STREP.PNEUM.OTHER																								1				1
127.2	STRONGYLOIDIASIS																		1								1		2
086	TRYPANOSOMIASIS																				1								1
013-018	TUBERCULOSIS - NON-RESP.													1								1		1					3
011-012	TUBERCULOSIS - RESP													1			1	1	1					1					5
B96.8	VANCOMYCIN RES. ENTER.													1		4	2	3	3	11	7	9	15	8	12	13	14		102
		8	6	12	17	7	5	3	11	12	13	17	19	12	9	22	31	32	32	38	31	41	45	26	45	35	39		568

### SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR JUNE 2011

ICD9	Disease/Infection	Winnipeg Brandon		n N. Eastman		S. Eas	stman	Inte	rlake	Cen	tral	Assini	iboine	Park	dand	Nor	man	Burn	twood	Churchill	00P**	Missing	TOTAL
Case Ref	erred to:*			F	P	F	P	F	Р	F	Р	F	P	F	P	F	P	F	P				
006.9	AMEBIASIS	3																					3
038.0	BETA STREP SEPTICEMIA	5	1														1	1					8
008.43	CAMPYLOBACTER	7	1				1		2	1	4		7		2		1	2					28
558.2	CLOSTRIDIUM DIFFICILE	54	2		3		7		8		4	1	4		5		1	4					93
007.8	CRYPTOSPORIDIOSIS	1									1		2										4
061.0	DENGUE FEVER	1																					1
123.4	DIPHYLLOBOTHRIUM	2									1												3
0.800	E. COLI 0157	2			1		2				2												7
007.1	GIARDIA LAMBLIA	2							2				1										5
070.1	HEPATITIS A				1																		1
070.3	HEPATITIS B	1																					1
070.51	HEPATITIS C	10	1		1										1			1			1		15
482.83	LEGIONELLA												1		1								2
084	MALARIA																1					1	2
B95.6	MRSA	104	2	4			1	1	13		2	3	9	2	3		6	82	12				244
072.9	MUMPS	1																					1
036.89	NEISSERIA MGTS(0ther)										1												1
033.0	PERTUSSIS	2																					2
038.2	PNEUM. SEPTICEMIA	6											1										7
082.0	RICKETTSIA RICKETTSII	1																					1
003.0	SALMONELLA	9					1		1		1				1								13
004	SHIGELLOSIS	1											1										2
041.1	STREP PYOGENES - OTHER ST	8	1															1					10
041.2	STREP.PNEUM.OTHER		1																				1
127.2	STRONGYLOIDIASIS	2																					2
086	TRYPANOSOMIASIS						1																1
013-018	TUBERCULOSIS - NON-RESP.	2																1					3
011-012	TUBERCULOSIS - RESP	2					1											2					5
B96.8	VANCOMYCIN RES. ENTER.	72	1	2	3		6	1			3	1	2		3		2	6					102
		298	10	6	9		20	2	26	1	19	5	28	2	16		12	100	12		1	1	568

<sup>\*</sup> F=Federal Jurisdiction (First Nations and Inuit Health); P=Provincial Jurisdiction

<sup>\*\*</sup> OOP=Out of Province

### STBBI Infection Summary Report - June 2011

	MONTHL	Y TOTAL	YEAR-T	O-DATE
DISEASE/INFECTION	2010	2011	2010	2011
All Chlamydia Infections	526	597	3281	3395
All Gonorrhea Infections (including PRNG)	58	87	496	452
All Syphilis Infections*	6	10	30	25
Gonorrhea & Chlamydia Co-infections	31	40	221	214
HIV	16	7	61	42

### Total Number of STBBI Cases by Age and Gender - June 2011

	<1		1-4		5-	9	10-	-14	15-1	9	20-2	24	25-	29	30-3	39	40-4	19	50-5	59	60-6	9	70-7	'9	<b>80</b> +	Missing	
Disease Name	F	M	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F	М	F	M age/gender	TOTAL
Chlamydia Only Cases							8		124	42	113	77	51	46	33	33	10	14	4	2							55
Gonorrhea Only Cases									6	5	9	4	3	2	8	5	1	3				1					4
Syphilis Only Cases												3		1		2		1	1	2							10
GC and CT Cases									11	4	6	8	1	3	4	2		1									40
TOTAL							8		141	51	128	92	55	52	45	42	11	19	5	4		1					654
HIV											2			1	1	2				1							

### Regional STBBI Distribution - June 2011

Disease/Infection	Winnipeg	Brandon	N. East	tman	S. Ea	stman	Inte	rlake	Cent	ral	Assin	iboine	Park	land	Norma	n	Burnt	wood	Churchill	OOP***	Missing	TOTAL
Case Referred to:**			F	P	F	Р	F	Р	F	P	F	P	F	P	F	Р	F	P				
All Chlamydia Infections	314	15	13	10	1	11	12	21	1	23		13	4	14	6	21	82	31		5		597
All Gonorrhea Infections	39	2	2			1	3	3						2	4	1	22	6		2		87
All Syphilis Infections	6									3									1			10
GC and CT Infections	13	2					2	2							1	1	15	3		1		40

Syphilis cases include both infectious and non-infectious cases, as well as those requiring further follow-up to determine their status.
 F=Federal Jurisdiction (First Nations and Inuit Health);
 P=Provincial Jurisdiction

<sup>\*\*\*</sup> OOP=Out of Province