



## Health

Provincial Health Programs  
Public Health Branch  
Communicable Disease Control Unit  
Fourth Floor, 300 Carlton Street  
Winnipeg MB R3B 3M9  
CANADA  
Telephone: (204) 788-6737  
Fax: (204) 948-2040

## Santé

Programmes de santé provinciaux  
Direction de la santé publique  
Prévention des maladies transmissibles  
300, rue Carlton, 4<sup>e</sup> étage  
Winnipeg MB R3B 3M9  
CANADA  
Téléphone: (204) 788-6737  
Télécopieur: (204) 948-2040

Dear Colleague,

Please find attached the **Summary of Communicable Diseases for the Month of November 2004**. This report reflects the number of cases of reportable communicable diseases for which individuals in Manitoba tested positive\* during the month of November 2004.

### Communicable Diseases

In total, there were **221** new infections occurring across 21 communicable diseases\*\* (excluding sexually transmitted infections and HIV) in November 2004. The observed number of cases was within the expected range for most of the reported communicable diseases with the exception of *Streptococcus pneumoniae pneumonia* (1 case observed; expected range=0 cases). The expected number of cases and accompanying range is based on the number of cases during October, November, and December 1999-2003.

### Sexually Transmitted Infections & Blood-Borne Pathogens

There were **416** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) in November: 336 cases of chlamydia (Ct), 43 cases of gonorrhoea (Gc), 33 Gc-Ct co-infections, and 4 cases of syphilis. About 45% of all Gc and Ct cases in the province were reported in females between the ages of 15 and 24. Half (50.7%) of all Gc and Ct cases were reported for individuals from the Winnipeg health region, and an additional 21.3% were from the Burntwood health region.

In November **38** individuals tested positive for hepatitis C, 60% of which were reported from the Winnipeg region; an additional 10% of cases were from the Interlake health region. About 42% of new hepatitis C cases reported in November were reported among males aged 30-49 years (16 of 38 cases). Additionally, thirteen individuals tested positive for HIV in November.

\*Note: Data for the monthly summary is aggregated based on the earliest of either symptom onset data, specimen collection date, or report date. For the majority of cases, the date used will be the specimen collection date.

\*\*Note: The following communicable diseases are reportable to the Director of Communicable Disease Control for surveillance purposes, and are not reported out for public health follow-up:

strongyloides (ICD9: 127.2)

ascariasis (ICD9: 127.0)

schistosomiasis (ICD9: 120)

leishmaniasis – unspecified (ICD9: 085.9)

penicillin-resistant streptococcus pneumoniae (ICD9: 481.9)

methicillin or vancomycin resistant staphylococcus aureus (MRSA/VRSA)

streptococcus pneumoniae – other site (ICD9: 041.2)

toxoplasmosis (ICD9: 130.9)

vancomycin resistant enterococci (VRE)

tuberculosis (ICD9: 013, 011, 010 – cases and contacts of tuberculosis are managed by the Provincial Tuberculosis Control Programme located at the Health Sciences Centre)

Cheers,

Dr. Carole Beaudoin  
Epidemiologist, Communicable Diseases

**SUMMARY OF COMMUNICABLE DISEASE FOR November 2004**

ICD9	DISEASE/INFECTION	MONTHLY TOTAL				YEAR-TO-DATE	
		2003	2004	Expected*	Ex. Range**	2003	2004
006.9	AMEBIASIS	1	2	2	0-6	22	17
127.0	ASCARIASIS			0	0-0		
005.8	B. CEREUS				***	2	3
320.82	BAC. MENINGITIS - E.COL			0	0-0		
320.0	BAC. MENINGITIS - HAEM			0	0-1		
320.9	BAC. MENINGITIS - OTHER	2		0	0-1	3	
320.1	BAC. MENINGITIS - PNEUM	2		1	0-2	5	4
320.3	BAC. MENINGITIS - STAPH			0	0-1	1	1
320.2	BAC. MENINGITIS - STREP			0	0-1		1
320.7	BAC.MENINGITIS-LISTERIA						
005.1	BOTULISM				***		
023	BRUCELLOSIS			0	0-0		
005.2	C. PERFRINGENS	2	1		***	13	8
008.43	CAMPYLOBACTER	14	17	15	0-30	174	227
046.1	CREUTZFELD-JACOB DISEASE				***	2	
007.8	CRYPTOSPORIDIOSIS	2	1		***	38	22
065.4	DENGUE FEVER			0	0-0		
V02.4	DIPH.CARRIERS	1		0	0-1	1	
032	DIPHThERIA CASES			0	0-0		1
123.4	DIPHYLLOBOTHRIUM SPP	1			***	7	6
008.0	E. COLI-VEROTOXIGENIC	5	2	2	0-5	81	59
054.3	ENCEPHALITIS			0	0-1		
005.9	FOOD POISONING OTHER				***		
007.1	GIARDIA LAMBLIA	11	17		***	111	127
041.5	H.I.B.-NON MTGS	1		0	0-1	1	5
480.8	HANTA VIRUS				***		
283.11	HEMOLYTIC UREMIC SYNDROME				***		
070.1	HEPATITIS A			1	0-4	33	19
070.3	HEPATITIS B			1	0-2	5	4
070.51	HEPATITIS C	35	38		***	419	406
054.8	HERPES-W/UNSPEC.COMPI			0	0-0	1	
A83.0	JAPANESE ENCEPHALITIS				***		
482.83	LEGIONELLA			0	0-1	2	2
085.9	LEISHMANIASIS			0	0-0		
030.9	LEPROSY			0	0-0		3
027.0	LISTERIA MONOCYTOGENES			0	0-2	4	1
088.81	LYME DISEASE				***		1
084	MALARIA			1	0-3	8	9
055.9	MEASLES			0	0-0	1	1
036.0	MENINGOCOCCAL CSF			0	0-1	2	
036.82	MENINGOCOCCAL ARTHROPATH				***		
036.2	MENINGOCOCCAL BLOOD			0	0-1	1	
B95.6	MRSA/RSA	54	93		***	455	762
072.9	MUMPS			0	0-0		2
036.89	N.MENINGITIDIS.OTHER			0	0-1	2	8
728.86	NECROTIZING FASCITIS				***	2	7
729.1	NECROTIZING MYOSITIS				***		
323.9	OTHER ENCEPHALITIS			0	0-1	1	
033.1	PARAPERTUSSIS				***		
002.9	PARATYPHOID			0	0-1	1	
027.2	PASTURELLA MUI TOCIDA						
033.0	PERTUSSIS	5	7		***	46	65
038.2	PNEUM SEPTICEMIA	4	4		***	66	42
073.9	PSITTACOSIS			0	0-0		
083.0	Q FEVER					3	
331.81	REYE'S SYNDROME				***		

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

\*\* Mean +/- 2 standard deviations of mean

\*\*\* Data collected for less than 5 years.

ICD9	DISEASE/INFECTION	MONTHLY TOTAL				YEAR-TO-DATE	
		2003	2004	Expected*	Ex. Range**	2003	2004
391	RHEUMATIC FEVER				***		5
056.9	RUBELLA				***		
771.0	RUBELLA CONGENITAL			0	0-0		
041.2	S.PNEUM.OTHER	2	1		***	8	17
003.0	SALMONELLA	6	16	11	2-20	166	146
120	SCHISTOSOMIASIS	1		0	0-1	1	
004	SHIGELLOSIS		2	3	0-16	18	14
005.0	STAPHYLOCOCCAL			0	0-0	1	
785.5	STAPHYLOCOCCUS AUREUS				***		
481.9	STREP.PNEUMONIA - PR		1	0	0-0		2
711.0	STREP.PNEUM.ARTHRITIS				***		
580.0	STREPT GLOMERULONEPHRITIS				***		
040.89	STREPT TOXIC SHOCK				***	1	
481	STREPTOCOCCUS PNEUMONIAE		1		***	4	5
127.2	STRONGYLOIDES			0	0-0	3	1
037	TETANUS			0	0-0	1	
130.9	TOXOPLASMOSIS				***	3	
124	TRICHINOSIS			0	0-1		
086	TRYPANOSOMA CRUZI				***		
013	TUBERCULOSIS - NON-RESP.	1	2	2	0-5	22	26
011	TUBERCULOSIS - RESP.	13	4	8	3-13	81	82
010	TUBERCULOSIS-PRIM.	1	3	1	0-4	11	20
021.9	TULAREMIA			0	0-1		1
002.0	TYPHOID			0	0-1		
081.9	TYPHUS			0	0-1		
B96.8	VANCOMYCIN R. ENTEROCOCCI	11	7		***	154	151
005.4	VIBRIO PARAHAEMOLYTICUS				***	1	
070.59	VIRAL HEP. OTHER				***		
047.0	VIRAL MENINGITIS-COXSACK			0	0-1	3	8
047.1	VIRAL MENINGITIS-ECHO			1	0-3	31	31
047.8	VIRAL MENINGITIS-ENTERO	1	1		***	10	12
054.72	VIRAL MENINGITIS-H.SIMP				***	2	
047.9	VIRAL MENINGITIS-UNSPEC	1		0	0-1	2	1
062.1	W. EQUINE ENCEPHALITIS			0	0-0		
066.3	WEST NILE VIRUS			0	0-0		
008.44	YERSINIA ENTEROCOLITICA	1	1		***	8	10
		<b>178</b>	<b>221</b>			<b>2044</b>	<b>2345</b>

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

\*\* Mean +/- 2 standard deviations of mean

\*\*\* Data collected for less than 5 years.

**SUMMARY OF COMMUNICABLE DISEASE BY AGE AND GENDER FOR November 2004**

ICD9	Disease Name	<1		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 39		40 - 49		50 - 59		60 +		Missing age/gender	Total	
		F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M			
006.9	AMEBIASIS					1											1									2
005.2	C. PERFRINGENS											1														1
008.43	CAMPYLOBACTER		2	1	1					1			1		1		4	2	1	1	1		1			17
007.8	CRYPTOSPORIDIOSIS					1																				1
008.0	E.COLI 0157											1		1												2
007.1	GIARDIA LAMBLIA	1			1		1	4		2				1	1	1			1	1	2	1				17
070.51	HEPATITIS C											1		2	1	2	6	4	10	3	5	3	1			38
B95.6	MRSA/VRSA	1	7	2	2	1	1	3	4	2		1	1	1	2	4	6	4	2	4	3	20	22			93
481.9	PENICILLIN-RESIS STREP.PN																						1			1
033.0	PERTUSSIS					1		1						1				2	1			1				7
003.0	SALMONELLA			1	1	1	2	1	1		1	1				1		1	1	1	1	2	1			16
004	SHIGELLOSIS						1											1								2
481	STREP. PNEUMONIAE PNEUMON																				1					1
041.2	STREP.PNEUM.OTHER																						1			1
038.2	STREP.PNEUMOCOCCAL SEPTIC				1										1			1				1				4
038.0	STREPTOCOCCAL SEPTICEMIA																				1					1
013	TUBERCULOSIS - NON-RESP.											1						1								2
011	TUBERCULOSIS - RESP.											1			1								2			4
010	TUBERCULOSIS-PRIM.				1		1	1																		3
B96.8	VANCOMYCIN RES. ENTER.															1						3	3			7
047.8	VIRAL MENINGITIS-ENTERO							1																		1
008.44	YERSINIA ENTEROCOLITICA																						1			1
		2	9	4	7	5	6	11	5	5	1	7	2	6	7	7	19	14	17	11	13	31	33			222

**SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR November 2004**

ICD9	Disease/Infection	Winnipeg	Brandon	N.Eastman		S.Eastman		Interlake		Central		Assiniboine		Parkland		Norman		Burntwood		Churchill	OOP	Missing	TOTAL
				F	P	F	P	F	P	F	P	F	P	F	P	F	P	F	P				
006.9	AMEBIASIS	2																					2
005.2	C. PERFRINGENS	1																					1
008.43	CAMPYLOBACTER	8				2		1		2		3						1					17
007.8	CRYPTOSPORIDIOSIS					1																	1
008.0	E.COLI 0157	2																					2
007.1	GIARDIA LAMBLIA	11				2				2		2											17
070.51	HEPATITIS C	23	1		1	1	2	2		3				1		1	1				2		38
B95.6	MRSA/VRSA	47	3	2		2	1	3		1		6		1	4	5	11	7					93
481.9	PENICILLIN-RESIS STREP.PN	1																					1
033.0	PERTUSSIS	1						2	2	2													7
003.0	SALMONELLA	7				1		3		3								2					16
004	SHIGELLOSIS	2																					2
481	STREP. PNEUMONIAE	1																					1
041.2	STREP.PNEUM.OTHER							1															1
038.2	STREP.PNEUMOCOCCAL	2	1	1																			4
038.0	STREPTOCOCCAL																				1		1
013	TUBERCULOSIS - NON-RESP.																1	1					2
011	TUBERCULOSIS - RESP.	1						1										2					4
010	TUBERCULOSIS-PRIM.	1																2					3
B96.8	VANCOMYCIN RES. ENTER.	5								2													7
047.8	VIRAL MENINGITIS-ENTERO																		1				1
008.44	YERSINIA	1																					1
		<b>116</b>	<b>5</b>	<b>3</b>	<b>1</b>	<b>9</b>	<b>3</b>	<b>13</b>	<b>2</b>	<b>15</b>		<b>11</b>		<b>2</b>	<b>4</b>	<b>6</b>	<b>20</b>	<b>9</b>		<b>3</b>			<b>222</b>
Missing Investigation Forms (Jan.1 to end of October)		112	20	1	3	1	3	5	8	10		10	3	2		3	9	1	1		1		193

\* F=Federal Jurisdiction (includes First Nations and Inuit Health Branch and Stony Mountain Penitentiary) P=Provincial Jurisdiction

### STD Infection Summary Report - November 2004

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2003	2004	2003	2004
All Chlamydia Infections	271	369	3449	3903
All Gonorrhoea Infections (including PRNG)	89	76	807	1003
All Syphilis Infections	8	4	67	55
Gonorrhoea & Chlamydia Co-infections	30	33	325	416
Penicillin Resistant Gonorrhoea Infections (PRNG)			3	
Suspect PRNG				
HIV	11	13	101	99

### Total Number of STD Cases by Age and Gender - November 2004

Disease Name	<1		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 39		40 - 49		50 - 59		60 +		Missing age/gender	Total
	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M				
Chlamydia Only Cases							8		91	28	74	41	28	24	11	21	4	4		2				336
Gonorrhoea Only Cases									5	3	7	6	5	7	2	3		1	1	1		2		43
Syphilis Only Cases													1			2						1		4
GC and CT Cases							3		7	4	2	5	2	4	3	1		1		1				33
							11		103	35	83	52	36	35	16	27	4	6	1	4		3		416
HIV											1		1	1	4	4		2						13

### Regional STD Distribution - November 2004

Disease/Infection	Winnipeg	Brandon	N.Eastman		S.Eastman		Interlake		Central		Assiniboine		Parkland		Norman		Burntwood		Churchill	OOP	Missing	TOTAL
			F	P	F	P	F	P	F	P	F	P	F	P	F	P	F	P				
All Chlamydia Infections	183	16	5	10		11	2	15		17		11		7	3	9	60	16	1	3		369
All Gonorrhoea Infections	38	1	1	1		2	1	3		2		1					20	6				76
All Syphilis Infections	3											1										4
GC and CT Infections	12	1		1		1		1		2		1					12	2				33

Missing Investigation Forms  
(Jan.1 to end of October)

50	22	6	25		6	2	6		7		13	1	2	4	7	15	6		1		173
----	----	---	----	--	---	---	---	--	---	--	----	---	---	---	---	----	---	--	---	--	-----

\* F=Federal Jurisdiction (includes First Nations and Inuit Health Branch and Stony Mountain Penitentiary) P=Provincial Jurisdiction