



## Health

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## Santé

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Dear Colleague,

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

### Communicable Diseases

In total, there were **213** new infections occurring across 22 communicable diseases\*\* (excluding sexually transmitted infections and HIV) in October 2004. The observed number of cases was within the expected range for most of the reported communicable diseases with the exception of Tularaemia (1 case observed; expected range=0 cases). The expected number of cases and accompanying range is based on the number of cases during September, October and November 1999-2003.

### Sexually Transmitted Infections & Blood-Borne Pathogens

There were **439** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) in October: 331 cases of chlamydia (Ct), 58 cases of gonorrhoea (Gc), 48 Gc-Ct co-infections, and 2 cases of syphilis. Almost half (47.1%) of all Gc and Ct cases in the province were reported in females between the ages of 15 and 24. More than half (52.9%) of all Gc and Ct cases were reported for individuals from the Winnipeg health region, and an additional 16.9% were from the Burntwood health region.

In October **32** individuals tested positive for hepatitis C, 69% of which were reported from the Winnipeg region. Two-thirds of the new hepatitis C cases were reported among males aged 30-49 years (22 of 32 cases). Additionally, eight individuals tested positive for HIV in October.

\*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 October 2004**

ICD9	DISEASE/INFECTION	MONTHLY TOTAL				YEAR-TO-DATE	
		2003	2004	Expected*	Ex. Range**	2003	2004
006.9	AMEBIASIS		2	2	0-5	21	15
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	0-0		
320.9	BAC. MENINGITIS - OTHER			0	0-1	1	
320.1	BAC. MENINGITIS - PNEUM		1	0	0-1	3	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				***	11	7
008.43	CAMPYLOBACTER	20	16	21	8-34	160	209
046.1	CREUTZFELD-JACOB DISEASE	1			***	2	
007.8	CRYPTOSPORIDIOSIS	3			***	36	21
065.4	DENGUE FEVER			0	0-0		
V02.4	DIPH.CARRIERS			0	0-1		
032	DIPHThERIA CASES			0	0-0		1
123.4	DIPHYLLOBOTHRIUM SPP	1			***	6	6
008.0	E. COLI-VEROTOXIGENIC	4	4	2	0-5	76	57
054.3	ENCEPHALITIS			0	0-0		
005.9	FOOD POISONING OTHER				***		
007.1	GIARDIA LAMBLIA	7	8		***	100	110
041.5	H.I.B.-NON MTGS		1	0	0-1		4
480.8	HANTA VIRUS				***		
283.11	HEMOLYTIC UREMIC SYNDROME				***		
070.1	HEPATITIS A	1		1	0-4	33	19
070.3	HEPATITIS B			1	0-2	5	4
070.51	HEPATITIS C	44	32		***	384	369
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	2		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	58	86		***	401	670
072.9	MUMPS			0	0-0		2
036.89	N.MENINGITIDIS.OTHER	1	1	0	0-1	2	8
728.86	NECROTIZING FASCITIS	1	3		***	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 MULTOCIDA						
033.0	PERTUSSIS	10	6		***	41	57
038.2	PNEUM SEPTICEMIA	13	3		***	62	38
073.9	PSITTACOSIS			0	0-1		
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		1		***		5
056.9	RUBELLA				***		
771.0	RUBELLA CONGENITAL			0	0-0		
041.2	S.PNEUM.OTHER		3		***	6	16
003.0	SALMONELLA	19	10	14	3-25	160	128
120	SCHISTOSOMIASIS			0	0-1		
004	SHIGELLOSIS	1	4	5	0-22	18	12
005.0	STAPHYLOCOCCAL			0	0-0	1	
785.5	STAPHYLOCOCCUS AUREUS				***		
481.9	STREP.PNEUMONIA - PR			0	0-0		1
711.0	STREP.PNEUM.ARTHRITIS				***		
580.0	STREPT GLOMERULONEPHRITIS				***		
040.89	STREPT TOXIC SHOCK				***	1	
481	STREPTOCOCCUS PNEUMONIAE				***	4	4
127.2	STRONGYLOIDES		1	0	0-1	3	1
037	TETANUS			0	0-1	1	
130.9	TOXOPLASMOSIS				***	3	
124	TRICHINOSIS			0	0-0		
086	TRYPANOSOMA CRUZI				***		
013	TUBERCULOSIS - NON-RESP.	2	3	3	0-6	21	24
011	TUBERCULOSIS - RESP.	5	6	6	0-13	68	78
010	TUBERCULOSIS-PRIM.	2		1	0-3	10	18
021.9	TULAREMIA		1	0	0-0		1
002.0	TYPHOID			0	0-1		
081.9	TYPHUS			0	0-1		
B96.8	VANCOMYCIN R. ENTEROCOCCI	20	17		***	143	144
005.4	VIBRIO PARAHAEMOLYTICUS				***	1	
070.59	VIRAL HEP. OTHER				***		
047.0	VIRAL MENINGITIS-COXSACK			1	0-3	3	8
047.1	VIRAL MENINGITIS-ECHO	4	4	2	0-7	31	31
047.8	VIRAL MENINGITIS-ENTERO				***	9	11
054.72	VIRAL MENINGITIS-H.SIMP				***	2	
047.9	VIRAL MENINGITIS-UNSPEC			0	0-1	1	1
062.1	W. EQUINE ENCEPHALITIS			0	0-0		
066.3	WEST NILE VIRUS			0	0-0		
008.44	YERSINIA ENTEROCOLITICA	1			***	7	9
		<b>220</b>	<b>213</b>			<b>1866</b>	<b>2122</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 October 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
320.1	BAC. MENINGITIS - PNEUM		1																						1
008.43	CAMPYLOBACTER	2		1		1	1	1								2	2			1	3		2		16
008.0	E. COLI 0157						1	1								1							1		4
007.1	GIARDIA LAMBLIA				1	1	1					1		1		1	1				1				8
041.5	HAEM.INFLUENZA B (not csf											1													1
070.51	HEPATITIS C											2		1	2	1	7	2	14	1	1		1		32
B95.6	MRSA/VRSA		2	3	2	3	1		2	1	1	1	1			2	2	4	3	4	4	13	36	1	86
728.86	NECROTIZING FASCITIS															2				1					3
036.89	NEISSERIA MGTS(Other)			1																					1
033.0	PERTUSSIS		2					1	2	1															6
391	RHEUMATIC FEVER							1																	1
003.0	SALMONELLA				2	1					1		1		1	1						2			10
004	SHIGELLOSIS			1					1							1							1		4
041.2	STREP.PNEUM.OTHER			1												1				1					3
038.2	STREP.PNEUMOCOCCAL SEPTIC			1								1									1				3
127.2	STRONGYLOIDIASIS																					1			1
013	TUBERCULOSIS - NON-RESP.									1	1				1										3
011	TUBERCULOSIS - RESP.											1		2		2				1					6
021.9	TULAREMIA																						1		1
B96.8	VANCOMYCIN RES. ENTER.															1		1			1	4	9	1	17
047.1	VIRAL MENINGITIS-ECHO					1					1	2													4
		2	5	8	5	7	4	4	6	3	4	7	4	4	4	10	16	10	17	9	11	20	51		213

**SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR October 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
320.1	BAC. MENINGITIS - PNEUM					1																	1
008.43	CAMPYLOBACTER	5				1		3		4		3											16
008.0	E. COLI 0157	1									1	2											4
007.1	GIARDIA LAMBLIA	2								2		3				1							8
041.5	HAEM.INFLUENZA B (not csf									1													1
070.51	HEPATITIS C	22	2		2			1	2			1				1			1				32
B95.6	MRSA/VRSA	45	4		1		1	2	3	7		4		2	4	4	7	2					86
728.86	NECROTIZING FASCIITIS																1	2					3
036.89	NEISSERIA MGTS(Other)	1																					1
033.0	PERTUSSIS	6																					6
391	RHEUMATIC FEVER											1											1
003.0	SALMONELLA	2	2					1		2				2			1						10
004	SHIGELLOSIS	2				1				1													4
041.2	STREP.PNEUM.OTHER	1						1		1													3
038.2	STREP.PNEUMOCOCCAL SEPTIC	1	2																				3
127.2	STRONGYLOIDIASIS	1																					1
013	TUBERCULOSIS - NON- RESPIR	2															1						3
011	TUBERCULOSIS - RESP.	4								1							1						6
021.9	TULAREMIA		1																				1
B96.8	VANCOMYCIN RES. ENTER.	12	1					2		1												1	17
047.1	VIRAL MENINGITIS-ECHO	3								1													4
		<b>112</b>	<b>12</b>		<b>3</b>		<b>4</b>	<b>3</b>	<b>12</b>	<b>1</b>	<b>20</b>	<b>1</b>	<b>14</b>		<b>4</b>	<b>4</b>	<b>6</b>	<b>11</b>	<b>5</b>			<b>1</b>	<b>213</b>
Missing Investigation Forms (Jan.1 to end of September)		97	20	1	3	1	2	4	5	6		9	3	1		2	8	1	1	1	1	1	166

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

## STD Infection Summary Report - October 2004

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2003	2004	2003	2004
All Chlamydia Infections	376	379	3178	3531
All Gonorrhea Infections (including PRNG)	86	106	718	926
All Syphilis Infections	4	2	59	50
Gonorrhea & Chlamydia Co-infections	39	48	295	382
Penicillin Resistant Gonorrhea Infections (PRNG)			3	
Suspect PRNG				
HIV	8	8	90	86

## Total Number of STD Cases by Age and Gender - October 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							5		97	20	72	47	36	21	18	6	5	2		1	1			331
Gonorrhea Only Cases									9	6	9	3	5	9	4	9		2		2				58
Syphilis Only Cases																1		1						2
GC and CT Cases							1	1	9	7	11	8	2	1	3	3	1	1						48
							6	1	115	33	92	58	43	31	25	19	6	6		3	1			439
HIV	1								1			1	2	1				1				1		8

## Regional STD Distribution - October 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	193	21	4	3		12	4	13	1	18		5	1	11	2	23	52	13	1	2		379
All Gonorrhea Infections	60	6	2	1		1	1	2		4		2		2	1	1	18	4		1		106
All Syphilis Infections	1											1										2
GC and CT Infections	22	4					1	1		3		1		2	1		12	1				48

Missing Investigation Forms (Jan.1 to end of September)	43	19	4	22		2	1	3		8		20	2	4	2	6	11	8				155
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\* F=Federal Jurisdiction (includes First Nations and Inuit Health Branch and Stony Mountain Penitentiary) P=Provincial Jurisdiction