



## Health

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## Santé

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Dear Colleague,

Please find attached a copy of the “**Summary of Communicable Diseases for the Month of July 2004**” for your review. This report reflects the number of cases of reportable communicable diseases for which individuals in Manitoba tested positive\* during the month of June 2004.

### Communicable Diseases

In total, there were **208** new infections occurring across 23 communicable diseases\*\* (excluding sexually transmitted infections and HIV) in July 2004. The observed number of cases was within the expected range for all of the reported communicable diseases. The expected number of cases and accompanying range is based on the number of cases during June, July, and August 1999-2003.

### Sexually Transmitted Infections & Blood-Borne Pathogens

There were **376** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) in July: 288 cases of chlamydia (Ct), 54 cases of gonorrhoeae (Gc), 30 Gc-Ct co-infections, and 4 cases of syphilis. Almost half (47.6%) of all Gc and Ct cases in the province were reported in females between the ages of 15 and 24. About half (51.3%) of all Gc and Ct cases were reported for individuals from the Winnipeg health region, and an additional 17.2% were from the Burntwood health region.

In July **26** individuals tested positive for hepatitis C, almost all of which were reported from the Winnipeg region (21 of 26 cases). Most of the new hepatitis C cases were reported among males aged 30-49 years, accounting for 53.8% of new cases. Additionally, five individuals tested positive for HIV in July.

Cheers,  
Carole Beaudoin, BA, MSc, PhD  
Epidemiologist, Communicable Diseases

\*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:

strongyloids (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)

**SUMMARY OF COMMUNICABLE DISEASE FOR July 2004**

ICD9	DISEASE/INFECTION	MONTHLY TOTAL				YEAR-TO-DATE	
		2003	2004	Expected*	Ex. Range**	2003	2004
002.0	TYPHOID			0	0-1		
002.9	PARATYPHOID			0	0-1	1	
003.0	SALMONELLA	13	16	19	4-34	105	87
004	SHIGELLOSIS	3		5	0-18	13	7
005.0	STAPHYLOCOCCAL			0	0-1		
005.1	BOTULISM				***		
005.2	C. PERFRINGENS				***	2	4
005.4	VIBRIO PARAHAEMOLYTICUS				***	1	
005.8	B. CEREBUS				***	1	1
005.9	FOOD POISONING OTHER				***		
006.9	AMEBIASIS	3	4	3	0-7	18	10
007.1	GIARDIA LAMBLIA	15	6		***	71	59
007.8	CRYPTOSPORIDIOSIS	6	1		***	19	14
008.0	E. COLI-VEROTOXIGENIC	7	6	6	0-13	53	30
008.43	CAMPYLOBACTER	21	28	25	10-40	91	128
008.44	YERSINIA ENTEROCOLITICA	1			***	6	5
010	TUBERCULOSIS-PRIM.		1	2	0-6	8	14
011	TUBERCULOSIS - RESP.	3	10	6	0-12	52	55
013	TUBERCULOSIS - NON-RESP.	7	1	2	0-6	15	10
021.9	TULAREMIA			0	0-1		
023	BRUCELLOSIS			0	0-1		
027.0	Listeria monocytogenes			1	0-5	2	1
027.2	Pasteurella multocida						
030.9	LEPROSY			0	0-0		3
032	DIPHTHERIA CASES		1	0	0-0		1
033.0	PERTUSSIS	7	4		***	22	40
033.1	PARAPERTUSSIS				***		
036.0	MENINGOCOCCAL CSF			0	0-2	1	
036.2	MENINGOCOCCAL BLOOD			0	0-1	1	
036.82	MENINGOCOCCAL ARTHROPATH				***		
036.89	NON-MENINGITIDIS OTHER			0	0-0	1	6
037	TETANUS			0	0-0		
038.2	PNEUM SEPTICEMIA	6	3		***	41	26
040.89	STREPT TOXIC SHOCK				***	1	
041.2	S.PNEUM OTHER		1		***	3	15
041.5	H.I.B.-NON MTGS			0	0-1		3
046.1	CREUTZFELD-JACOB DISEASE				***	1	1
047.0	VIRAL MENINGITIS-COXSACK		4	2	0-6		5
047.1	VIRAL MENINGITIS-ECHO	10	5	2	0-8	13	11
047.8	VIRAL MENINGITIS-ENTERO	1	4		***	3	8
047.9	VIRAL MENINGITIS-UNSPEC			1	0-3		1
054.3	ENCEPHALITIS			0	0-0		
054.72	VIRAL MENINGITIS-H.SIMP				***	2	
054.8	HERPES-W-UNSPEC COMPL	1		0	0-1	1	
055.9	MEASLES			0	0-0	1	1
056.9	RUBELLA				***		
062.1	W. EQUINE ENCEPHALITIS			0	0-0		
065.4	DENGUE FEVER			0	0-0		
066.3	WEST NILE VIRUS			0	0-0		
070.1	HEPATITIS A	2	3	1	0-3	29	11
070.3	HEPATITIS B			1	0-2	2	1
070.51	HEPATITIS C	35	26		***	273	262
070.59	VIRAL HEP OTHER				***		
072.9	MUMPS			0	0-1		1
073.9	PSITTACOSIS			0	0-0		
081.9	TYPHUS			0	0-0		

\* 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
083.0	Q FEVER					2	
084	MALARIA	1	3	1	0-3	6	6
085.9	LEISHMANIASIS			0	0-0		
086	TRYPANOSOMA CRUZI				***		
088.81	LYME DISEASE				***		
120	SCHISTOSOMIASIS			0	0-0		
123.4	DIPHYLLOBOTHRIUM SPP	1	1		***	4	3
124	TRICHINOSIS			0	0-0		
127.0	ASCARIASIS			0	0-0		
127.2	STRONGYLOIDS			0	0-1	1	
130.9	TOXOPLASMOSIS				***	3	
283.11	HEMOLYTIC UREMIC SYNDROME				***		
320.0	BAC. MENINGITIS - HAEM			0	0-1		
320.1	BAC. MENINGITIS - PNEUM			1	0-3		
320.2	BAC. MENINGITIS - STREP			0	0-1		
320.3	BAC. MENINGITIS - STAPH			0	0-1	1	1
320.7	BAC.MENINGITIS-LISTERIA						
320.82	BAC. MENINGITIS - E.COL			0	0-0		
320.9	BAC. MENINGITIS - OTHER			0	0-1	1	
323.9	OTHER ENCEPHALITIS			0	0-0	1	
331.81	REYE'S SYNDROME				***		
391	RHEUMATIC FEVER				***		
480.8	HANTA VIRUS				***		
481	STREPTOCOCCUS PNEUMONIAE		1		***	4	5
481.9	STREP PNEUMONIA - PR			0	0-0		1
482.83	LEGIONELLA			0	0-1	2	2
580.0	STREPT GLOMERULONEPHRITIS				***		
711.0	STREP.PNEUM.ARTHRITIS				***		
728.86	NECROTIZING FASCIITIS				***		3
729.1	NECROTIZING MYOSITIS				***		
771.0	RUBELLA CONGENITAL			0	0-0		
785.5	STAPHYLOCOCCUS AUREUS				***		
A83.0	JAPANESE ENCEPHALITIS				***		
B95.6	MRSA/VRSA	45	64		***	231	412
B96.8	VANCOMYCIN R. ENTEROCOCCI	14	15		***	104	105
V02.4	DIPH.CARRIERS			0	0-0		
		<b>202</b>	<b>208</b>			<b>1213</b>	<b>1359</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 July 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		
003.0	SALMONELLA				2							2					2	2	1			3	4		16
006.9	AMEBIASIS				1			1								2									4
007.1	GIARDIA LAMBLIA				1	1				1		1								1			1		6
007.8	CRYPTOSPORIDIOSIS						1																		1
008.0	E. COLI 0157				1			1		1	1					1						1			6
008.43	CAMPYLOBACTER			1	1	1	2	2	2	4		2	1	2	3	1	1				3	2			28
010	TUBERCULOSIS-PRIM.																				1				1
011	TUBERCULOSIS - RESP.											1	1		2	1		3		2					10
013	TUBERCULOSIS - NON-RESP.														1										1
032	DIPH. CASES									1															1
033.0	PERTUSSIS					1		1					1			1									4
038.2	STREP.PNEUMOCOCCAL SEPTIC				2					1															3
041.2	STREP.PNEUM.OTHER																				1				1
047.0	VIRAL MENINGITIS-COXSACK	2	1	1																					4
047.1	VIRAL MENINGITIS-ECHO						2				1			1	1										5
047.8	VIRAL MENINGITIS-ENTERO		1				1					2													4
070.1	HEPATITIS A										1					1						1			3
070.51	HEPATITIS C										1	2	2		6	1	8		4		1		1		26
084	MALARIA				2								1												3
123.4	DIPHYLLOBOTHRIUM																1								1
481	STREP. PNEUMONIAE PNEUMON																					1			1
B95.6	MRSA/VRSA		3	1		2	3	2	1	1		3	1	1		1		1	5	3	2	12	21	1	64
B96.8	VANCOMYCIN RES. ENTER.						1					1							1		9	3			15
		2	5	3	8	6	9	5	5	4	7	8	9	6	6	10	13	5	18	5	12	26	34		208

**SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR July 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				
003.0	SALMONELLA	5	1					5		1		1		1							2		16
006.9	AMEBIASIS	2						1								1							4
007.1	GIARDIA LAMBLIA	4								1		1											6
007.8	CRYPTOSPORIDIOSIS															1							1
008.0	E. COLI 0157	4						2															6
008.43	CAMPYLOBACTER	13	1			4		1		5		2				1					1		28
010	TUBERCULOSIS-PRIM.	1																					1
011	TUBERCULOSIS - RESP.	5																5					10
013	TUBERCULOSIS - NON-RESP.	1																					1
032	DIPH. CASES					1																	1
033.0	PERTUSSIS	4																					4
038.2	STREP.PNEUMOCOCCAL SEPTIC	2						1															3
041.2	STREP.PNEUM.OTHER	1																					1
047.0	VIRAL MENINGITIS-COXSACK	3								1													4
047.1	VIRAL MENINGITIS-ECHO	3			1			1															5
047.8	VIRAL MENINGITIS-ENTERO	3			1																		4
070.1	HEPATITIS A	2			1																		3
070.51	HEPATITIS C	21	1											1		2						1	26
084	MALARIA	3																					3
123.4	DIPHYLLOBOTHRIUM	1																					1
481	STREP. PNEUMONIAE PNEUMON.													1									1
B95.6	MRSA/VRSA	39	2	1		1		2	1			1		1	4	1	5	5				1	64
B96.8	VANCOMYCIN RES. ENTER.	10								1							3			1			15
		<b>127</b>	<b>5</b>	<b>1</b>	<b>3</b>	<b>1</b>	<b>5</b>		<b>13</b>	<b>1</b>	<b>9</b>		<b>5</b>		<b>4</b>	<b>4</b>	<b>6</b>	<b>13</b>	<b>5</b>	<b>1</b>	<b>3</b>	<b>2</b>	<b>208</b>
Missing Investigation Forms (Jan.1 to end of June)		123	8	1		2	4	2	7		12		4	4	3			7	1	1		2	181

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

### STD Infection Summary Report - July 2004

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2003	2004	2003	2004
All Chlamydia Infections	295	318	2191	2417
All Gonorrhea Infections (including PRNG)	76	84	456	608
All Syphilis Infections	3	4	38	34
Gonorrhea & Chlamydia Co-infections	25	30	181	253
Penicillin Resistant Gonorrhea Infections (PRNG)	1		3	
Suspect PRNG				
HIV	14	5	57	65

### Total Number of STD Cases by Age and Gender - July 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		2					3		75	32	67	24	26	17	14	18	3	4		2			1	288
Gonorrhea Only Cases							1		12	2	6	13		1	5	8	2	2	1	1				54
Syphilis Only Cases																	1		2	1				4
GC and CT Cases							1		14	4	3	3	1	2	1	1								30
		2					5		101	38	76	40	27	20	20	27	5	7	1	5	1			376
HIV														1	1			3						5

### Regional STD Distribution - July 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	162	15	6	12		3	3	10		20		10		8	1	17	30	21				318
All Gonorrhea Infections	46	4	1	4				2	1	3		1		1	1	3	12	5				84
All Syphilis Infections	4																					4
GC and CT Infections	17	1	1	3				1		2						1	4					30

Missing Investigation Forms (Jan.1 to end of June)	82	5	6	18		9	2	6	1	8		6	2	2	1	3	20	13				184
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\* F=Federal Jurisdiction (includes First Nations and Inuit Health Branch and Stony Mountain Penitentiary) P=Provincial Jurisdiction