



## 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 August 2004**”. This report reflects the number of cases of reportable communicable diseases for which individuals in Manitoba tested positive\* during the month of August 2004.

### Communicable Diseases

In total, there were **228** new infections occurring across 26 communicable diseases\*\* (excluding sexually transmitted infections and HIV) in August 2004. The observed number of cases was within the expected range for most of the reported communicable diseases with the exception of Hepatitis A (4 cases observed; expected range=0 – 3 cases). The expected number of cases and accompanying range is based on the number of cases during July, August, and September 1999-2003.

### Sexually Transmitted Infections & Blood-Borne Pathogens

There were **398** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) in August: 290 cases of chlamydia (Ct), 64 cases of gonorrhoea (Gc), 44 Gc-Ct co-infections, and 4 cases of syphilis. Almost half (47.7%) of all Gc and Ct cases in the province were reported in females between the ages of 15 and 24. About half (51.2%) of all Gc and Ct cases were reported for individuals from the Winnipeg health region, and an additional 20.4% were from the Burntwood health region.

In August **30** individuals tested positive for hepatitis C, two-thirds of which were reported from the Winnipeg region (20 of 30 cases). Almost half of the new hepatitis C cases were reported among males aged 30-49 years, accounting for 46.6% of new cases. Additionally, five individuals tested positive for HIV in August.

Cheers,  
Dr. Carole Beaudoin  
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 August 2004**

ICD9	DISEASE/INFECTION	MONTHLY TOTAL				YEAR-TO-DATE	
		2003	2004	Expected*	Ex. Range**	2003	2004
006.9	AMEBIASIS	1	1	2	0-5	19	11
127.0	ASCARIASIS			0	0-0		
005.8	B. CEREUS		1		***	1	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	2		0	0-1	2	
320.3	BAC. MENINGITIS - STAPH			0	0-0	1	1
320.2	BAC. MENINGITIS - STREP			0	0-1		1
320.7	BAC.MENINGITIS-LISTERIA			0	0-1		
005.1	BOTULISM				***		
023	BRUCELLOSIS			0	0-1		
005.2	C. PERFRINGENS		2		***	2	7
008.43	CAMPYLOBACTER	25	26	26	16-36	116	165
046.1	CREUTZFELD-JACOB DISEASE				***	1	
007.8	CRYPTOSPORIDIOSIS	10	3		***	29	18
065.4	DENGUE FEVER			0	0-0		
V02.4	DIPH.CARRIERS			0	0-0		
032	DIPHTHERIA CASES			0	0-0		1
123.4	DIPHYLLOBOTHRIMUM SPP	1	2		***	5	5
008.0	E. COLI-VEROTOXIGENIC	12	12	6	0-14	65	42
054.3	ENCEPHALITIS			0	0-0		
005.9	FOOD POISONING OTHER				***		
007.1	GIARDIA LAMBLIA	16	11		***	87	74
041.5	H.I.B.-NON MTGS			0	0-1		3
480.8	HANTA VIRUS				***		
283.11	HEMOLYTIC UREMIC SYNDROME				***		
070.1	HEPATITIS A	1	4	1	0-3	30	16
070.3	HEPATITIS B	1		1	0-2	3	2
070.51	HEPATITIS C	31	30		***	305	297
054.8	HERPES-W/UNSPEC.COMPI			0	0-1	1	
A83.0	JAPANESE ENCEPHALITIS				***		
482.83	LEGIONELLA			0	0-0	2	2
085.9	LEISHMANIASIS			0	0-0		
030.9	LEPROSY			0	0-0		3
027.0	LISTERIA MONOCYTOGENES	2		0	0-1	4	1
088.81	LYME DISEASE		1		***		1
084	MALARIA		2	1	0-3	6	8
055.9	MEASLES			0	0-0	1	1
036.0	MENINGOCOCCAL CSF	1		0	0-2	2	
036.82	MENINGOCOCCAL ARTHROPATH				***		
036.2	MENINGOCOCCAL BLOOD			0	0-0	1	
B95.6	MRSA/RSA	59	87		***	290	510
072.9	MUMPS		1	0	0-1		2
036.89	N.MENINGITIDIS.OTHER		1	0	0-0	1	7
728.86	NECROTIZING FASCITIS	1			***	1	3
729.1	NECROTIZING MYOSITIS				***		
323.9	OTHER ENCEPHALITIS			0	0-0	1	
033.1	PARAPERTUSSIS				***		
002.9	PARATYPHOID			0	0-1	1	
027.2	PASTURELLA MUI TOCIDA			0	0-0		
033.0	PERTUSSIS	5	4		***	27	48
038.2	PNEUM SEPTICEMIA	2	5		***	43	31
073.9	PSITTACOSIS			0	0-1		
083.0	Q FEVER			0	0-1	2	
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		***		3
056.9	RUBELLA				***		
771.0	RUBELLA CONGENITAL			0	0-0		
041.2	S.PNEUM.OTHER	1			***	4	15
003.0	SALMONELLA	16	11	20	5-35	121	103
120	SCHISTOSOMIASIS			0	0-0		
004	SHIGELLOSIS	2		5	0-19	15	7
005.0	STAPHYLOCOCCAL	1		0	0-1	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	5
127.2	STRONGYLOIDS	1		0	0-1	2	
037	TETANUS			0	0-1		
130.9	TOXOPLASMOSIS				***	3	
124	TRICHINOSIS			0	0-0		
086	TRYPANOSOMA CRUZI				***		
013	TUBERCULOSIS - NON-RESP.	2		2	0-5	17	10
011	TUBERCULOSIS - RESP.	8	3	4	0-10	60	58
010	TUBERCULOSIS-PRIM.		2	1	0-5	8	16
021.9	TULAREMIA			0	0-1		
002.0	TYPHOID			0	0-1		
081.9	TYPHUS			0	0-0		
B96.8	VANCOMYCIN R. ENTEROCOCCI	9	5		***	113	111
005.4	VIBRIO PARAHAEMOLYTICUS				***	1	
070.59	VIRAL HEP. OTHER				***		
047.0	VIRAL MENINGITIS-COXSACK	1	3	2	0-6	1	8
047.1	VIRAL MENINGITIS-ECHO	5	6	3	0-10	18	22
047.8	VIRAL MENINGITIS-ENTERO	6	2		***	9	7
054.72	VIRAL MENINGITIS-H.SIMP				***	2	
047.9	VIRAL MENINGITIS-UNSPEC	1		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		2		***	6	8
		<b>223</b>	<b>228</b>			<b>1437</b>	<b>1638</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 August 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
005.8	B. CEREUS																						1		1
005.2	C. PERFRINGENS															1		1							2
008.43	CAMPYLOBACTER	1		1				1	3			1	1	4	1	2	2	2		4	1	2			26
007.8	CRYPTOSPORIDIOSIS							1		1	1														3
123.4	DIPHYLLOBOTHRIUM																				1			1	2
008.0	E. COLI 0157					1						1	1		1	1		1		1	1	3	1		12
007.1	GIARDIA LAMBLIA			1	2	2			1			1			2		1						1		11
070.1	HEPATITIS A			2			1											1							4
070.51	HEPATITIS C											1			1	4	7	2	7	1	3	1		3	30
088.81	LYME DISEASE																					1			1
084	MALARIA												1						1						2
B95.6	MRSA/VRSA	1	1	3	2	4	7	4	2	4		2	1	2	1	4	7	2	3	1	4	17	15		87
072.9	MUMPS				1																				1
036.89	NEISSERIA MGTS(Other)				1																				1
033.0	PERTUSSIS	1						3																	4
391	RHEUMATIC FEVER								1																1
003.0	SALMONELLA			1		1				1	1	1						1	1	2	1		1		11
038.2	STREP.PNEUMOCOCCAL SEPTIC		1				1															1	2		5
011	TUBERCULOSIS - RESP.													1	1						1				3
010	TUBERCULOSIS-PRIM.							1	1																2
B96.8	VANCOMYCIN RES. ENTER.															1					1	1	2		5
047.0	VIRAL MENINGITIS-COXSACK	1							1						1										3
047.1	VIRAL MENINGITIS-ECHO	1	1			1			1						2										6
047.8	VIRAL MENINGITIS-ENTERO						1									1									2
008.44	YERSINIA ENTEROCOLITICA											1				1									2

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				
		5	3	8	6	9	10	9	11	6	3	8	4	6	10	15	18	10	12	10	13	26	23		228

**SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR August 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	1																					1
005.8	B. CEREUS	1																					1
005.2	C. PERFRINGENS	2																					2
008.43	CAMPYLOBACTER	7	1			2				6		4		3		2					1		26
007.8	CRYPTOSPORIDIOSIS	1				2																	3
123.4	DIPHYLLOBOTHRIUM																	1	1				2
008.0	E. COLI 0157	6				1				2		1		1				1	1				12
007.1	GIARDIA LAMBLIA	5				2				1		1		1				1					11
070.1	HEPATITIS A	4																					4
070.51	HEPATITIS C	20	2					4						2							2		30
088.81	LYME DISEASE	1																					1
084	MALARIA	2																					2
B95.6	MRSA/VRSA	40	1			2		2				2		1	20	5	12	2					87
072.9	MUMPS	1																					1
036.89	NEISSERIA MGTS(Other)																				1		1
033.0	PERTUSSIS	2		1						1													4
391	RHEUMATIC FEVER	1																					1
003.0	SALMONELLA	2						1		1		2		1		3	1						11
038.2	STREP.PNEUMOCOCCAL SEPTIC	3								1								1					5
011	TUBERCULOSIS - RESP.																	3					3
010	TUBERCULOSIS-PRIM.																	2					2
B96.8	VANCOMYCIN RES. ENTER.	3			1			1															5
047.0	VIRAL MENINGITIS-COXSACK									1						1		1					3
047.1	VIRAL MENINGITIS-ECHO	4				1												1					6
047.8	VIRAL MENINGITIS-ENTERO	1																1					2
008.44	YERSINIA ENTEROCOLITICA	1						1															2
		<b>108</b>	<b>4</b>	<b>1</b>	<b>1</b>	<b>10</b>	<b>4</b>	<b>5</b>	<b>13</b>		<b>10</b>		<b>9</b>	<b>20</b>	<b>11</b>	<b>23</b>	<b>5</b>			<b>4</b>			<b>228</b>
Missing Investigation Forms (Jan.1 to end of July)		99	9	1	2	2	7	3	5	4		4	4	2		2	8	1	1			1	155

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

## STD Infection Summary Report - August 2004

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2003	2004	2003	2004
All Chlamydia Infections	290	334	2481	2757
All Gonorrhoea Infections (including PRNG)	81	108	537	719
All Syphilis Infections	6	4	44	38
Gonorrhoea & Chlamydia Co-infections	33	44	214	298
Penicillin Resistant Gonorrhoea Infections (PRNG)			3	
Suspect PRNG				
HIV	12	5	69	70

## Total Number of STD Cases by Age and Gender - August 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							7		69	17	75	35	29	14	15	13	3	9		3		1		290
Gonorrhoea Only Cases							1		10	7	13	7	4	5	2	7	1	3		4				64
Syphilis Only Cases														1		2						1		4
GC and CT Cases								1	20	6	3	2		5	4	3								44
							8	1	99	30	91	44	33	25	21	25	4	12		7		2		402
HIV																2		1		2				5

## Regional STD Distribution - August 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	172	11	14	10		4		10	1	7		15		7	3	13	41	24	1	1		334
All Gonorrhoea Infections	58	1	7	1		1		3		3		3		2		1	16	12				108
All Syphilis Infections	3									1												4
GC and CT Infections	26		4									1		1			8	4				44



Missing Investigation Forms (Jan.1 to end of July)	58	13	10	20		3	4	4	5		12	2	3	2	6	18	10				170
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\* F=Federal Jurisdiction (includes First Nations and Inuit Health Branch and Stony Mountain Penitentiary) P=Provincial Jurisdiction