



## 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 April 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 April 2004.

### Communicable Diseases

In total, there were **165** new infections occurring across 24 communicable diseases\*\* (excluding sexually transmitted infections and HIV) in April 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 March, April, and May 1999-2003.

### Sexually Transmitted Infections & Blood-Borne Pathogens

There were **424** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) in April: 333 cases of chlamydia (Ct), 49 cases of gonorrhoea (Gc), 42 Gc-Ct co-infections, and 6 cases of syphilis. Half (52.6%) of the Gc and Ct cases were reported in females between the ages of 15 and 24. Almost half (49.3%) of all Gc and Ct cases were recorded for individuals from the Winnipeg health region, and an additional 17.5% were from the Burntwood health region.

In April **26** individuals tested positive for hepatitis C, 80.8% of which were reported from the Winnipeg region. Most of the new hepatitis C cases were reported for individuals in the 40-49 year age group, accounting for one-third of new cases. Additionally, five individuals tested positive for HIV in April.

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 April 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		
003.0	SALMONELLA	18	15	15	8-22	65	48
004	SHIGELLOSIS		2	3	0-12	9	7
005.0	STAPHYLOCOCCAL			0	0-1		
005.1	BOTULISM				***		
005.2	C. PERFRINGENS				***	1	4
005.4	VIBRIO PARAHAE M OLYTICUS				***		
005.8	B. CERFEUS		1		***		1
005.9	FOOD POISONING OTHER				***		
006.9	AMEBIASIS	4	2	3	0-7	12	5
007.1	GIARDIA LAMBLIA	11	8		***	42	34
007.8	CRYPTOSPORIDIOSIS	3	4		***	6	11
008.0	E. COLI VEROTOXIGENIC	10	5	3	0-9	35	12
008.43	CAMPYLOBACTER	9	14	15	4-26	47	47
008.44	YERSINIA ENTEROCOLITICA	3	1		***	4	3
010	TUBERCULOSIS-PRIM	1	4	1	0-4	6	5
011	TUBERCULOSIS - RESP	9	9	6	0-12	31	27
013	TUBERCULOSIS - NON-RESP	1	2	2	0-5	5	6
021.9	TULAREMIA			0	0-0		
023	BRUCELLA			0	0-0		
027.0	LISTERIA MONOCYTOGENES			0	0-1	1	1
027.2	PASTEURIELLA MULTOCIDA						
030.9	LEPROSY			0	0-0		2
032	DIPHTHERIA CASES			0	0-0		
033.0	PERTUSSIS	1	6		***	5	25
033.1	PARAPERTUSSIS				***		
036.0	MENINGOCOCCAL CSE			1	0-3	1	
036.2	MENINGOCOCCAL BLOOD			1	0-3	1	
036.82	MENINGOCOCCAL ARTHROPATH				***		
036.89	NON-MENINGITIDIS OTHER		1	0	0-1	1	3
037	TETANUS			0	0-0		
038.2	PNEUM. SEPTICEMIA	6	5		***	19	16
040.89	STREPT. TOXIC SHOCK				***	1	
041.2	S. PNEUM. OTHER		2		***	2	11
041.5	H. I. B. -NON MTGS			0	0-1		3
046.1	CREUTZFELD-JACOB DISEASE				***	1	
047.0	VIRAL MENINGITIS-COXSACK			0	0-0		1
047.1	VIRAL MENINGITIS-ECHO		3	1	0-3	3	3
047.8	VIRAL MENINGITIS-ENTERO		1		***		1
047.9	VIRAL MENINGITIS-UNSPEC.			0	0-1		1
054.3	ENCEPHALITIS			0	0-1		
054.72	VIRAL MENINGITIS-H. SIMP				***	1	
054.8	HERPES-W-UNSPEC. COMPI			0	0-0		
055.9	MEASLES	1		0	0-1	1	1
056.9	RUBELLA				***		
062.1	W. EQUINE ENCEPHALITIS			0	0-0		
065.4	DENGUE FEVER			0	0-1		
066.3	WEST NILE VIRUS			0	0-0		
070.1	HEPATITIS A	3		2	0-10	6	5
070.3	HEPATITIS B			1	0-4		
070.51	HEPATITIS C	47	26		***	152	168
070.59	VIRAL HEP. OTHER				***		
072.9	MUMPS			0	0-1		1
073.9	PSITTACOSIS			0	0-1		
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	3	1	1	0-3	4	2
085.9	LEISHMANIASIS			0	0-0		
086	TRYPANOSOMA CRUZI				***		
088.81	L YME DISEASE				***		
120	SCHISTOSOMIASIS			0	0-0		
123.4	DIPHYL LOBOTHRIUM SPP		1		***	1	2
124	TRICHINOSIS			0	0-0		
127.0	ASCARIASIS			0	0-0		
127.2	STRONGYLOIDS			0	0-1		
130.9	TOXOPLASMOSIS				***	2	
283.11	HEMOLYTIC UREMIC SYNDROME				***		
320.0	BAC. MENINGITIS - HAEM			0	0-1		
320.1	BAC. MENINGITIS - PNEUM			0	0-1		
320.2	BAC. MENINGITIS - STREP			1	0-3		
320.3	BAC. MENINGITIS - STAPH			0	0-1	1	1
320.7	BAC. MENINGITIS - LISTERIA						
320.82	BAC. MENINGITIS - F. COI			0	0-1		
320.9	BAC. MENINGITIS - OTHER			0	0-0	1	
323.9	OTHER ENCEPHALITIS			0	0-1		
331.81	REYER'S SYNDROME				***		
391	RHEUMATIC FEVER				***		
480.8	HANTAVIRUS				***		
481	STREPTOCOCCUS PNEUMONIAE	1	4		***	2	4
481.9	STREP. PNEUMONIA - PR			0	0-0		
482.83	LEGIONELLA			0	0-1	1	1
580.0	STREPT. GLOMERULONEPHRITIS				***		
711.0	STREP. PNEUM. ARTHRITIS				***		
728.86	NECROTIZING FASCITIS				***		2
729.1	NECROTIZING MYOSITIS				***		
771.0	RUBELLA CONGENITAL			0	0-0		
785.5	STAPHYLOCOCCUS AUREUS				***		
A83.0	JAPANESE ENCEPHALITIS				***		
B95.6	MRSA/VRSA	22	42		***	118	224
B96.8	VANCOMYCIN R. ENTEROCOCCI	22	6		***	28	56
V02.4	DIPH. CARRIERS			0	0-0		
		<b>175</b>	<b>165</b>			<b>618</b>	<b>744</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 April 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		1	1						1	1	2	1	2		1		3			15
004	SHIGELLOSIS																	1	1						2
005.8	B. CEREUS															1									1
006.9	AMEBIASIS															1	1								2
007.1	GIARDIA LAMBLIA			1	1										2	2			1				1		8
007.8	CRYPTOSPORIDIOSIS			1						1	1					1									4
008.0	E. COLI 0157				1		1					1						1		1					5
008.43	CAMPYLOBACTER		1	3	3					1		1	1			1						2			14
008.44	YERSINIA ENTEROCOLITICA								1																1
010	TUBERCULOSIS-PRIM.		2			1				1															4
011	TUBERCULOSIS - RESP.									2			2			1	1	1	1	1					9
013	TUBERCULOSIS - NON-RESP.											1		1											2
033.0	PERTUSSIS		1					1	2									1			1				6
036.89	NEISSERIA MGTS(Other)		1																						1
038.2	STREP.PNEUMOCOCCAL SEPTIC					1												2			1	1			5
041.2	STREP.PNEUM.OTHER																	1				1			2
047.1	VIRAL MENINGITIS-ECHO											1	1	1											3
047.8	VIRAL MENINGITIS-ENTERO																				1				1
070.51	HEPATITIS C									2	1		2		2	3	1	8	2	4		1			26
084	MALARIA											1													1
123.4	DIPHYLLOBOTHRIUM													1											1
481	STREP. PNEUMONIAE PNEUMON		1		1											1						1			4
B95.6	MRSA/VRSA	2		1		3		1	1		4		1		1	3	2	1	1	3	8	10			42
B96.8	VANCOMYCIN RES. ENTER.			1												1						2	2		6
		2	6	7	8	5	2	2	4	6	3	7	6	6	6	12	10	12	13	5	11	18	14		165

**SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR April 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						
003.0	SALMONELLA	10			1		1				1		1					1					15
004	SHIGELLOSIS	2																					2
005.8	B. CEREUS				1																		1
006.9	AMEBIASIS	2																					2
007.1	GIARDIA LAMBLIA	3			1					1			1					1	1				8
007.8	CRYPTOSPORIDIOSIS								2	1			1										4
008.0	E. COLI 0157	3			1								1										5
008.43	CAMPYLOBACTER	5			1		1		1	3			1		2								14
008.44	YERSINIA ENTEROCOLITICA	1																					1
010	TUBERCULOSIS-PRIM.																	4					4
011	TUBERCULOSIS - RESP.	3																5	1				9
013	TUBERCULOSIS - NON-RESP.	1																1					2
033.0	PERTUSSIS	4							1									1					6
036.89	NEISSERIA MGTS(Other)																	1					1
038.2	STREP.PNEUMOCOCCAL SE	1	1	1						1								1					5
041.2	STREP.PNEUM.OTHER	1											1										2
047.1	VIRAL MENINGITIS-ECHO	1	1							1													3
047.8	VIRAL MENINGITIS-ENTERO	1																					1
070.51	HEPATITIS C	21				1			2	2													26
084	MALARIA					1																	1
123.4	DIPHYLLOBOTHRIUM																		1				1
481	STREP. PNEUMONIAE PNEU	2					2																4
B95.6	MRSA/VRSA	21	1				3		1	1			3		3	3		6					42
B96.8	VANCOMYCIN RES. ENTER.	4								1									1				6
		<b>86</b>	<b>3</b>	<b>1</b>	<b>3</b>		<b>10</b>		<b>8</b>	<b>11</b>			<b>8</b>	<b>1</b>	<b>6</b>	<b>3</b>		<b>20</b>	<b>5</b>				<b>165</b>
Missing Investigation Forms (Jan.1 to end of March)		60	6		2	1	3	1	3				2	2	5		1	2	1	1		1	91

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

## STD Infection Summary Report - April 2004

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2003	2004	2003	2004
All Chlamydia Infections	305	375	1255	1435
All Gonorrhea Infections (including PRNG)	55	91	250	361
All Syphilis Infections	7	6	27	23
Gonorrhea & Chlamydia Co-infections	28	42	102	149
Penicillin Resistant Gonorrhea Infections (PRNG)			2	
Suspect PRNG				
HIV	11	5	31	38

## Total Number of STD Cases by Age and Gender - April 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	F	M		
Chlamydia Only Cases							6		109	18	86	31	24	22	14	12	2	5	2	2				333
Gonorrhea Only Cases									5	5	5	9	5	2	1	6	2	5		2		2		49
Syphilis Only Cases											1					1		2		2				6
GC and CT Cases								10	10	8	6	3	3	2										42
							6		124	33	100	46	32	27	17	19	4	12	2	6		2		430
HIV														1			1	1	1	1				5

## Regional STD Distribution - April 2004

Disease/Infection	Winnipeg	Brandon	N.Eastman		S.Eastman		Interlake		Central		Assiniboine		Parkland		Norman		Burntwood		Churchill	OOP	Missing	TOTAL
Case Referred to:*			F	P	F	P	F	P	F	P	F	P	F	P	F	P	F	P				
All Chlamydia Infections	182	14	14	13		12	2	15		22		8	5	10	1	13	41	21		2		375
All Gonorrhea Infections	43	1	6	3		1	1	1		4		1	1	2		2	15	9		1		91
All Syphilis Infections	6																					6
GC and CT Infections	16	1	4	1		1				3		1	1			2	10	2				42

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

38	14	2	5		3	1	3	1	6		5		3		8	17	11		1		118
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\* F=Federal Jurisdiction (includes First Nations and Inuit Health Branch and Stony Mountain Penitentiary) P=Provincial Jurisdiction