



Health

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Dear Colleague,

Please find attached a copy of the “**Summary of Communicable Diseases for the Month of May 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 May 2004.

Communicable Diseases

In total, there were **189** new infections occurring across 20 communicable diseases** (excluding sexually transmitted infections and HIV) in May 2004. The observed number of cases was within the expected range for most of the reported communicable diseases with the exception of primary tuberculosis (8 cases; expected range = 0-4), leprosy (1 case; expected range = 0), and neisseria meningitidis (1 case; expected range = 0). The expected number of cases and accompanying range is based on the number of cases during April, May, and June 1999-2003.

Sexually Transmitted Infections & Blood-Borne Pathogens

There were **374** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) in May: 301 cases of chlamydia (Ct), 37 cases of gonorrhoea (Gc), 31 Gc-Ct co-infections, and 5 cases of syphilis. Almost half (46.9%) of all Gc and Ct cases in the province were reported in females between the ages of 15 and 24. Almost half (46.9%) of all Gc and Ct cases were recorded for individuals from the Winnipeg health region, and an additional 22.0% were from the Burntwood health region.

In May **36** individuals tested positive for hepatitis C, 83.3% of which were reported from the Winnipeg region. Most of the new hepatitis C cases were reported among males aged 40-49 years, accounting for 30.6% of new cases. Additionally, eight individuals tested positive for HIV in May.

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 May 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	8	8	16	9-23	73	59
004	SHIGELLOSIS			4	0-17	9	7
005.0	STAPHYLOCOCCAL			0	0-1		
005.1	BOTULISM				***		
005.2	C. PERFRINGENS				***	1	3
005.4	VIBRIO PARAHAEMOLYTICUS	1			***	1	
005.8	B. CEREBUS				***		1
005.9	FOOD POISONING OTHER				***		
006.9	AMEBIASIS	1		3	0-7	13	6
007.1	GIARDIA LAMBLIA	6	6		***	48	40
007.8	CRYPTOSPORIDIOSIS	2	1		***	8	13
008.0	E. COLI-VEROTOXIGENIC	3	4	3	0-9	38	15
008.43	CAMPYLOBACTER	9	22	18	2-34	56	75
008.44	YERSINIA ENTEROCOLITICA		1		***	4	5
010	TUBERCULOSIS-PRIM.		8	1	0-4	6	13
011	TUBERCULOSIS - RESP.	8	11	7	1-13	39	38
013	TUBERCULOSIS - NON-RESP.	2	1	2	0-6	7	7
021.9	TULAREMIA			0	0-1		
023	BRUCELLOSIS			0	0-0		
027.0	LISTERIA MONOCYTOGENES			1	0-5	1	1
027.2	PASTEURELLA MULTOCIDA						
030.9	LEPROSY		1	0	0-0		3
032	DIPHTHERIA CASES			0	0-0		
033.0	PERTUSSIS	5	6		***	10	33
033.1	PARAPERTUSSIS				***		
036.0	MENINGOCOCCAL CSE			1	0-3	1	
036.2	MENINGOCOCCEMIA BLOOD			0	0-1	1	
036.82	MENINGOCOCCAL ARTHROPATH				***		
036.89	N.MENINGITIDIS OTHER		1	0	0-0	1	4
037	TETANUS			0	0-0		
038.2	PNEUM SEPTICEMIA	8	4		***	27	20
040.89	STREPT TOXIC SHOCK				***	1	
041.2	S.PNEUM.OTHER	1			***	3	11
041.5	H.I.B.-NON MTGS			0	0-1		3
046.1	CREUTZFELD-JACOB DISEASE				***	1	1
047.0	VIRAL MENINGITIS-COXSACK			0	0-1		1
047.1	VIRAL MENINGITIS-ECHO			1	0-4	3	3
047.8	VIRAL MENINGITIS-ENTERO		1		***		2
047.9	VIRAL MENINGITIS-UNSPEC			0	0-2		1
054.3	ENCEPHALITIS			0	0-1		
054.72	VIRAL MENINGITIS-H.SIMP	1			***	2	
054.8	HERPES-W-UNSPEC COMPL			0	0-0		
055.9	MEASLES			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	17		2	0-10	23	5
070.3	HEPATITIS B	1	1	1	0-3	1	1
070.51	HEPATITIS C	44	36		***	196	211
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		1	0-3	5	2
085.9	LEISHMANIASIS			0	0-0		
086	TRYPANOSOMA CRUZI				***		
088.81	LYME DISEASE				***		
120	SCHISTOSOMIASIS			0	0-0		
123.4	DIPHYLLOBOTHRIUM SPP				***	1	2
124	TRICHINOSIS			0	0-0		
127.0	ASCARIASIS			0	0-0		
127.2	STRONGYLOIDS	1		0	0-1	1	
130.9	TOXOPLASMOSIS	1			***	3	
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			0	0-2		
320.3	BAC. MENINGITIS - STAPH			0	0-1	1	1
320.7	BAC.MENINGITIS-LISTERIA						
320.82	BAC. MENINGITIS - E.COL			0	0-1		
320.9	BAC. MENINGITIS - OTHER			0	0-1	1	
323.9	OTHER ENCEPHALITIS	1		0	0-1	1	
331.81	REYE'S SYNDROME				***		
391	RHEUMATIC FEVER				***		
480.8	HANTA VIRUS				***		
481	STREPTOCOCCUS PNEUMONIAE	1			***	4	3
481.9	STREP PNEUMONIA - PR			0	0-0		
482.83	LEGIONELLA		1	0	0-1	1	2
580.0	STREPT GLOMERULONEPHRITIS				***		
711.0	STREP.PNEUM.ARTHRITIS				***		
728.86	NECROTIZING FASCIITIS		1		***		3
729.1	NECROTIZING MYOSITIS				***		
771.0	RUBELLA CONGENITAL			0	0-0		
785.5	STAPHYLOCOCCUS AUREUS				***		
A83.0	JAPANESE ENCEPHALITIS				***		
B95.6	MRSA/VRSA	33	66		***	151	289
B96.8	VANCOMYCIN R. ENTEROCOCCI	35	9		***	63	65
V02.4	DIPH.CARRIERS			0	0-0		
		190	189			809	951

* 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 May 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						1					1	1		2	1		1	1						8
007.1	GIARDIA LAMBLIA				3									1		1						1			6
007.8	CRYPTOSPORIDIOSIS									1															1
008.0	E.COLI 0157											1								1	1	1			4
008.43	CAMPYLOBACTER				2		1		1		2	2		2		1	3	1		2		2	3		22
008.44	YERSINIA ENTEROCOLITICA																	1							1
010	TUBERCULOSIS-PRIM.					1	2	2	1	1	1														8
011	TUBERCULOSIS - RESP.										2	1		1			2			1		1	3		11
013	TUBERCULOSIS - NON-RESP.															1									1
030.9	LEPROSY								1																1
033.0	PERTUSSIS				1		1		1									2							6
036.89	NEISSERIA MGTS(Other)				1																				1
038.0	STREPTOCOCCAL SEPTICEMIA				1																	1			2
038.2	STREP.PNEUMOCOCCAL SEPTIC				1	1										1						1			4
047.8	VIRAL MENINGITIS-ENTERO															1									1
070.3	HEPATITIS B											1													1
070.51	HEPATITIS C													1	6	6	1	11	1	4		1		5	36
482.83	LEGIONELLA																				1				1
728.86	NECROTIZING FASCIITIS																	1							1
B95.6	MRSA/VRSA	1	1		1		1	1		2		1		2	1	4	4	1	2	4	2	16	22		66
B96.8	VANCOMYCIN RES. ENTER.																				1	5	3		9
		1	2	5	5	3	4	4	3	4	6	7	1	6	4	12	19	7	15	9	9	28	32		191

SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR May 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	7												1									8
007.1	GIARDIA LAMBLIA	2			1					2											1		6
007.8	CRYPTOSPORIDIOSIS				1																		1
008.0	E.COLI 0157		1			2									1								4
008.43	CAMPYLOBACTER	8			1	3		1		3		5		1									22
008.44	YERSINIA	1																					1
010	TUBERCULOSIS-PRIM.	1																7					8
011	TUBERCULOSIS - RESP.	4			1									1				5					11
013	TUBERCULOSIS - NON-RESP.	1																					1
030.9	LEPROSY					1																	1
033.0	PERTUSSIS	2				1		1		1		1											6
036.89	NEISSERIA MGTS(Other)	1																					1
038.0	STREPTOCOCCAL SEPTICEMIA	2																					2
038.2	STREP.PNEUMOCOCCAL SEPTIC	2								1								1					4
047.8	VIRAL MENINGITIS-ENTERO	1																					1
070.3	HEPATITIS B	1																					1
070.51	HEPATITIS C	30	1		1	1	2								1								36
482.83	LEGIONELLA	1																					1
728.86	NECROTIZING FASCIITIS																	1					1
B95.6	MRSA/VRSA	32	9		1			3		2		2				2	2	10	1			2	66
B96.8	VANCOMYCIN RES. ENTER.	8																				1	9
		104	11		6		8	2	5	9		8	2	3	2	2	23	2		1	3	191	
Missing Investigation Forms (Jan.1 to end of April)		50	5	1		1	2	1	4			2	3	2			3		1			2	77

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

STD Infection Summary Report - May 2004

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2003	2004	2003	2004
All Chlamydia Infections	319	332	1574	1773
All Gonorrhoea Infections (including PRNG)	58	68	308	429
All Syphilis Infections	5	5	32	28
Gonorrhoea & Chlamydia Co-infections	21	31	123	180
Penicillin Resistant Gonorrhoea Infections (PRNG)			2	
Suspect PRNG				
HIV	3	8	34	46

Total Number of STD Cases by Age and Gender - May 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							3	1	78	23	67	52	22	22	15	14		2	1			1		301	
Gonorrhoea Only Cases									6	4	8	7		6	1	3	1	1							37
Syphilis Only Cases														1		1		2	1						5
GC and CT Cases									10	5	4	6	1	4		1									31
							3	1	94	32	79	65	23	33	16	19	1	5	2			1			374
HIV													1	2	2			1	2						8

Regional STD Distribution - May 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							
All Chlamydia Infections	152	5	13	13		13	2	14		12		5		7		21	54	19			2		332
All Gonorrhoea Infections	36		3	4		1	2	2	1	1				2			11	5					68
All Syphilis Infections	5																						5
GC and CT Infections	15		3	1			2			1				1			6	2					31

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

47	1	1	7		6		1	3		3	2	1		1	9	4				86
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* F=Federal Jurisdiction (includes First Nations and Inuit Health Branch and Stony Mountain Penitentiary) P=Provincial Jurisdiction