



Health

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Dear Colleague,

Please find attached a copy of the “**Summary of Communicable Diseases for the Month of June 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 **200** new infections occurring across 20 communicable diseases** (excluding sexually transmitted infections and HIV) in June 2004. The observed number of cases was within the expected range for most of the reported communicable diseases with the exception of neisseria meningitidis (2 cases; expected range = 0) and streptococcus pneumoniae unspecified (1 case; expected range = 0). The expected number of cases and accompanying range is based on the number of cases during May, June, and July 1999-2003.

Sexually Transmitted Infections & Blood-Borne Pathogens

There were **380** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) in June: 283 cases of chlamydia (Ct), 52 cases of gonorrhoea (Gc), 43 Gc-Ct co-infections, and 2 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. More than half (54.5%) of all Gc and Ct cases were reported for individuals from the Winnipeg health region, and an additional 18.3% were from the Burntwood health region.

In June **25** individuals tested positive for hepatitis C, 72.0% of which were reported from the Winnipeg region. Most of the new hepatitis C cases were reported among females aged 30-49 years, accounting for 32.0% of new cases. Additionally, 14 individuals tested positive for HIV in June. During these first six months of 2004, 60 individuals have tested positive for HIV, which is about 39% more cases compared to the first six months of 2003.

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 June 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	1		0	0-1	1	
003.0	SALMONELLA	19	12	17	1-33	92	71
004	SHIGELLOSIS	1		4	0-16	10	7
005.0	STAPHYLOCOCCAL			0	0-0		
005.1	BOTULISM				***		
005.2	C. PERFRINGENS	1	1		***	2	4
005.4	VIBRIO PARAHAEMOLYTICUS				***	1	
005.8	B. CEREUS	1			***	1	1
005.9	FOOD POISONING OTHER				***		
006.9	AMEBIASIS	2		3	0-7	15	6
007.1	GIARDIA LAMBLIA	8	13		***	56	53
007.8	CRYPTOSPORIDIOSIS	5			***	13	13
008.0	E. COLI-VEROTOXIGENIC	8	9	4	0-10	46	24
008.43	CAMPYLOBACTER	14	25	23	5-41	70	100
008.44	YERSINIA ENTEROCOLITICA	1			***	5	5
010	TUBERCULOSIS-PRIM.	2		1	0-5	8	13
011	TUBERCULOSIS - RESP.	10	7	5	0-11	49	45
013	TUBERCULOSIS - NON-RESP.	1	2	2	0-7	8	9
021.9	TULAREMIA			0	0-1		
023	BRUCELLOSIS			0	0-1		
027.0	Listeria monocytogenes	1		1	0-5	2	1
027.2	Pasteurella multocida						
030.9	LEPROSY			0	0-0		3
032	DIPHTHERIA CASES			0	0-0		
033.0	PERTUSSIS	5	3		***	15	36
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	N Meningitis Other		2	0	0-0	1	6
037	TETANUS			0	0-0		
038.2	PNEUM SEPTICEMIA	8	3		***	35	23
040.89	STREPT TOXIC SHOCK				***	1	
041.2	S.PNEUM OTHER		3		***	3	14
041.5	H.I.B.-NON MTGS			0	0-0		3
046.1	CREUTZFELD-JACOB DISEASE				***	1	1
047.0	VIRAL MENINGITIS-COXSACK			1	0-4		1
047.1	VIRAL MENINGITIS-ECHO		3	2	0-9	3	6
047.8	VIRAL MENINGITIS-ENTERO	2	2		***	2	4
047.9	VIRAL MENINGITIS-UNSPEC			1	0-3		1
054.3	ENCEPHALITIS			0	0-1		
054.72	VIRAL MENINGITIS-H.SIMP				***	2	
054.8	HERPES-W-UNSPEC COMPL			0	0-1		
055.9	MEASLES			0	0-0	1	1
056.9	RUBELLA				***		
062.1	W. EQUINE ENCEPHALITIS			0	0-0		
065.4	DENGUE FEVER			0	0-1		
066.3	WEST NILE VIRUS			0	0-0		
070.1	HEPATITIS A	4	3	2	0-10	27	8
070.3	HEPATITIS B	1		1	0-3	2	1
070.51	HEPATITIS C	42	25		***	238	236
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	3
085.9	LEISHMANIASIS			0	0-0		
086	TRYPANOSOMA CRUZI				***		
088.81	LYME DISEASE				***		
120	SCHISTOSOMIASIS			0	0-0		
123.4	DIPHYLLOBOTHRIUM SPP	2			***	3	2
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			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 - E.COL			0	0-1		
320.9	BAC. MENINGITIS - OTHER			0	0-1	1	
323.9	OTHER ENCEPHALITIS			0	0-1	1	
331.81	REYE'S SYNDROME				***		
391	RHEUMATIC FEVER				***		
480.8	HANTA VIRUS				***		
481	STREPTOCOCCUS PNEUMONIAE		1		***	4	4
481.9	STREP PNEUMONIA - PR		1	0	0-0		1
482.83	LEGIONELLA	1		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	35	59		***	186	348
B96.8	VANCOMYCIN R. ENTEROCOCCI	27	25		***	90	90
V02.4	DIPH.CARRIERS			0	0-0		
		202	200			1011	1151

* 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 June 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				1	1			1				1	1	1	1		1	1		12
005.2	C. PERFRINGENS					1																			1
007.1	GIARDIA LAMBLIA			3	2	1	1					1	1				1		1	1	1				13
008.0	E. COLI 0157			1		1	2		1	1	1									1	1				9
008.43	CAMPYLOBACTER		1	4		2				1	1		2	1	2	1	2	1	3	1	1	2			25
011	TUBERCULOSIS - RESP.											1		1	1	3						1			7
013	TUBERCULOSIS - NON-RESP.																1	1							2
033.0	PERTUSSIS							2										1							3
036.89	NEISSERIA MGTS(Other)	2																							2
038.2	STREP.PNEUMOCOCCAL SEPTIC		1		1																		1		3
041.2	STREP.PNEUM.OTHER			2																	1				3
047.1	VIRAL MENINGITIS-ECHO						1					1	1												3
047.8	VIRAL MENINGITIS-ENTERO		1													1									2
070.1	HEPATITIS A								1							1					1				3
070.51	HEPATITIS C										1	1	1	1	4	4	4	1	3			1		4	25
084	MALARIA				1																				1
481	STREP. PNEUMONIAE PNEUMON			1																					1
481.9	PENICILLIN-RESIS STREP.PN	1																							1
B95.6	MRSA/VRSA		2	3	1	2		1		2						1	3	6	3	6	10	19			59
B96.8	VANCOMYCIN RES. ENTER.															1		2		2	11	9			25
		4	5	15	6	7	4	3	2	3	4	3	6	5	4	10	10	12	13	11	11	28	30		200

SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR June 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	4	1			1			1		1		2		1			1					12
005.2	C. PERFRINGENS	1																					1
007.1	GIARDIA LAMBLIA	4				1					8												13
008.0	E. COLI 0157	2	1			1		2	1		1				1								9
008.43	CAMPYLOBACTER	7				1		3		3	2		6				1		1	1			25
011	TUBERCULOSIS - RESP.	2							1									4					7
013	TUBERCULOSIS - NON-RESP.	1																1					2
033.0	PERTUSSIS	2							1														3
036.89	NEISSERIA MGTS(Other)	1																	1				2
038.2	STREP.PNEUMOCOCCAL SEPTIC	2				1																	3
041.2	STREP.PNEUM.OTHER										1			1				1					3
047.1	VIRAL MENINGITIS-ECHO	2													1								3
047.8	VIRAL MENINGITIS-ENTERO	1									1												2
070.1	HEPATITIS A	3																					3
070.51	HEPATITIS C	18	1			1		1	2		2												25
084	MALARIA	1																					1
481	STREP. PNEUMONIAE PNEUMON.																1						1
481.9	PENICILLIN-RESIS STREP.PN	1																					1
B95.6	MRSA/VRSA	36	1			2		1		1		3		1	4	3	5	1				1	59
B96.8	VANCOMYCIN RES. ENTER.	20						1	2													2	25
		108	4			3	1	7	4	12	16	1	11		5	4	5	12	3	1		3	200
Missing Investigation Forms (Jan.1 to end of May)		85	6	1		1	3	1	5		1		3	4	3			5	1	1		2	122

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

STD Infection Summary Report - June 2004

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2003	2004	2003	2004
All Chlamydia Infections	322	326	1896	2099
All Gonorrhea Infections (including PRNG)	72	95	380	524
All Syphilis Infections	3	2	35	30
Gonorrhea & Chlamydia Co-infections	33	43	156	223
Penicillin Resistant Gonorrhea Infections (PRNG)			2	
Suspect PRNG				
HIV	9	14	43	60

Total Number of STD Cases by Age and Gender - June 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							6		70	22	75	36	25	12	18	11	5	1	1	1			283	
Gonorrhea Only Cases									7	2	7	12	2	8	3	5	2	2		2			52	
Syphilis Only Cases																1	1						2	
GC and CT Cases							2		15	4	6	10	3	2		1							43	
							8		92	28	88	58	30	22	21	18	8	3	1	3			380	
HIV							1				1		1		5	4					2		14	

Regional STD Distribution - June 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	172	7	5	11		4	2	18	1	22	1	5	1	9	1	4	44	17		2		326
All Gonorrhea Infections	58	2	4	5			1	4	1			1		2			11	5		1		95
All Syphilis Infections	2																					2
GC and CT Infections	24		2	3			1	3				1					6	2		1		43

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

61	2	4	12		7	1	4	1	4		5	2	2		3	13	8				129
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* F=Federal Jurisdiction (includes First Nations and Inuit Health Branch and Stony Mountain Penitentiary) P=Provincial Jurisdiction