



Health

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Dear Colleague,

Please find attached a copy of the “**Summary of Communicable Diseases for the Month of February 2004**” for your review. This report reflects the number of new cases of communicable diseases reported to the Communicable Disease Control Unit during the month of February 2004.

Communicable Diseases

In total, **181** cases across 20 communicable diseases* (excluding sexually transmitted infections) were reported to the CDC Unit in February 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 reported cases during January, February, and March 1999-2003.

Sexually Transmitted Infections & Blood-Borne Pathogens

In total, **396** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) were reported in February: 311 cases of chlamydia (Ct), 49 cases of gonorrhoea (Gc), 34 Gc-Ct co-infections, and 2 cases of syphilis. Almost half (47%) of the Gc and Ct cases were reported in females between the ages of 15 and 24. Winnipeg Regional Health Authority (RHA) accounted for 51% of all Gc and Ct cases provincially, with Burntwood RHA accounting for an additional 17%.

In February **58** newly identified cases of hepatitis C were reported, 71% of which were reported from the Winnipeg region. About 15% of new hepatitis C cases were identified from Parkland RHA, reflecting a recent regional outbreak. Most new cases of hepatitis C occurred in the 40-49 year age group, accounting for one-third of cases. Fourteen new cases of HIV were reported in February, more than half of which were among females.

Please feel free to contact the Communicable Disease Control Unit Epidemiologist should you have any questions about the content of this summary at CaBeaudoin@gov.mb.ca.

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

*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:

strongyloides (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 Tuberculosis Control Programme at the Health Sciences Centre, rather than by Public Health)

SUMMARY OF COMMUNICABLE DISEASE FOR February 2004

ICD9	DISEASE/INFECTION	MONTHLY TOTAL				YEAR-TO-DATE	
		2003	2004	Expected*	Ex. Range**	2003	2004
002.0	TYPHOID			0	0-0		
002.9	PARATYPHOID			0	0-1		
003.0	SALMONELLA	13	5	16	6-26	27	17
004	SHIGELLOSIS	4	2	3	0-8	6	4
005.0	STAPHYLOCOCCAL			0	0-1		
005.1	BOTULISM				***		
005.2	C. PERFRINGENS				***	1	1
005.4	VIBRIO PARAHAE M OLYTICUS				***		
005.8	B. CERFUS				***		
005.9	FOOD POISONING OTHER				***		
006.9	AMEBIASIS	2	2	4	0-8	3	5
007.1	GIARDIA LAMBIA	9	4		***	17	15
007.8	CRYPTOSPORIDIOSIS	1	2		***	1	4
008.0	E. COLI VEROTOXIGENIC	10	2	3	0-9	18	4
008.43	CAMPYLOBACTER	16	10	14	7-21	21	19
008.44	YERSINIA ENTEROCOLITICA	1			***	1	
010	TUBERCULOSIS-PRIM			2	0-5	1	
011	TUBERCULOSIS - RESP	8	8	5	0-10	14	11
013	TUBERCULOSIS - NON-RESP		2	1	0-3	2	2
021.9	TULAREMIA			0	0-0		
023	BRUCELLOSIS			0	0-0		
027.0	LISTERIA MONOCYTOGENES	1		0	0-1	1	1
027.2	PASTEURIELLA MULTOCIDA						
030.9	LEPROSY			0	0-0		
032	DIPHTHERIA CASES			0	0-0		
033.0	PERTUSSIS	2	9		***	4	18
033.1	PARAPERTUSSIS				***		
036.0	MENINGOCOCCAL CSE			1	0-3		
036.2	MENINGOCOCCAL BLOOD			1	0-3		
036.82	MENINGOCOCCAL ARTHROPATH				***		
036.89	NON-MENINGITIDIS OTHER		1	0	0-1		2
037	TETANUS			0	0-0		
038.2	PNEUM SEPTICEMIA	4	2		***	8	7
040.89	STREPT TOXIC SHOCK				***	1	
041.2	S. PNEUM OTHER	2			***	2	2
041.5	H. I. B. -NON MTGS			0	0-1		
046.1	CREUTZFELD-JACOB DISEASE	1			***	1	
047.0	VIRAL MENINGITIS-COXSACK		1	0	0-1		1
047.1	VIRAL MENINGITIS-ECHO	1		0	0-1	1	
047.8	VIRAL MENINGITIS-ENTERO				***		
047.9	VIRAL MENINGITIS-UNSPEC		1	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
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	1		1	0-3	2	2
070.3	HEPATITIS B			1	0-5		
070.51	HEPATITIS C	33	58		***	63	98
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						
084	MALARIA		1	1	0-3		1
085.9	LEISHMANIASIS			0	0-0		
086	TRYPANOSOMA CRUZI				***		
088.81	L.YME DISEASE				***		
120	SCHISTOSOMIASIS			0	0-0		
123.4	DIPHYLLOBOTHRIUM SPP				***	1	
124	TRICHINOSIS			0	0-0		
127.0	ASCARIASIS			0	0-0		
127.2	STRONGYLOIDES			0	0-0		
130.9	TOXOPLASMOZIS	2			***	2	
283.11	HEMOLYTIC UREMIC SYNDROME				***		
320.0	BAC. MENINGITIS - HAEM			0	0-0		
320.1	BAC. MENINGITIS - PNEUM			1	0-4		
320.2	BAC. MENINGITIS - STREP			0	0-1		
320.3	BAC. MENINGITIS - STAPH			0	0-1		1
320.7	BAC. MENINGITIS - LISTERIA						
320.82	BAC. MENINGITIS - F. COI			0	0-0		
320.9	BAC. MENINGITIS - OTHER			0	0-1	1	
323.9	OTHER ENCEPHALITIS			0	0-0		
331.81	REYER'S SYNDROME				***		
391	RHEUMATIC FEVER				***		
480.8	HANTAVIRUS				***		
481	STREPTOCOCCUS PNEUMONIAE				***		
481.9	STREP. PNEUMONIA - PR			0	0-0		
482.83	LEGIONELLA			0	0-1		
580.0	STREPT. GLOMERULONEPHRITIS				***		
711.0	STREP. PNEUM. ARTHRITIS				***		
728.86	NECROTIZING FASCITIS		1		***		2
729.1	NECROTIZING MYOSITIS				***		
771.0	RUBELLA CONGENITAL			0	0-0		
785.5	STAPHYLOCOCCUS AUREUS				***		
A83.0	JAPANESE ENCEPHALITIS				***		
B95.6	MRSA/VRSA	36	43		***	60	122
B96.8	VANCOMYCIN R. ENTEROCOCCI	2	26		***	4	38
V02.4	DIPH. CARRIERS			0	0-0		
		149	181			264	380

* 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 February 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			5
004	SHIGELLOSIS																		1	1						2
006.9	AMEBIASIS													2												2
007.1	GIARDIA LAMBLIA				1											1		1					1			4
007.8	CRYPTOSPORIDIOSIS						1					1														2
008.0	E. COLI 0157																						2			2
008.43	CAMPYLOBACTER												1		1	2	2		2		2		1	1		10
011	TUBERCULOSIS - RESP.											2	1			2		1		1	1					8
013	TUBERCULOSIS - NON-RESP.														1	1										2
033.0	PERTUSSIS	2	1	1	1				4																	9
036.89	NEISSERIA MGTS(Other)		1																							1
038.2	STREP.PNEUMOCOCCAL SEPTIC															1							1			2
047.0	VIRAL MENINGITIS-COXSACK																		1							1
047.9	VIRAL MENINGITIS-UNSPEC																	1								1
055.9	MEASLES	1																								1
070.51	HEPATITIS C											2	2	5	3	6	9	7	12	2	3			3	4	58
084	MALARIA																		1							1
728.86	NECROTIZING FASCIITIS													1												1
B95.6	MRSA/VRSA		4	1			1		1		1		1		1	3	3	2	1	3	3	11	7			43
B96.8	VANCOMYCIN RES. ENTER.				1									1					1	2	1	9	11			26
		3	6	2	3		3		5		2	3	6	9	6	11	19	13	19	10	8	27	22			181

SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR February 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	2			1						1						1						5
004	SHIGELLOSIS	1														1							2
006.9	AMEBIASIS	2																					2
007.1	GIARDIA LAMBLIA	2	1											1									4
007.8	CRYPTOSPORIDIOSIS	1														1							2
008.0	E. COLI 0157									2													2
008.43	CAMPYLOBACTER	2	1		3		3		1														10
011	TUBERCULOSIS - RESP.	2									1						5						8
013	TUBERCULOSIS - NON-RESP.	2																					2
033.0	PERTUSSIS	5						2									2						9
036.89	NEISSERIA MGTS(Other)															1							1
038.2	STREP.PNEUMOCOCCAL SE	1		1																			2
047.0	VIRAL MENINGITIS-COXSACK	1																					1
047.9	VIRAL MENINGITIS-UNSPEC	1																					1
055.9	MEASLES	1																					1
070.51	HEPATITIS C	41			2		1	1	1						9			1	1	1			58
084	MALARIA	1																					1
728.86	NECROTIZING FASCIITIS											1											1
B95.6	MRSA/VRSA	22	2			2	1		1			1		2		3	5	1				3	43
B96.8	VANCOMYCIN RES. ENTER.	18			1		2	1	1		1		1									1	26
		105	4	1	3		9	3	7	1	4	1	4		12		6	13	2	1	1	4	181
Missing Investigation Forms (02/01/2003 - 01/31/2004)		139	13	4		1	4	4	6	3	3		6	5		3	10	8					209

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

STD Infection Summary Report - February 2004

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2003	2004	2003	2004
All Chlamydia Infections	306	345	648	678
All Gonorrhea Infections (including PRNG)	68	83	139	171
All Syphilis Infections	6	2	13	7
Gonorrhea & Chlamydia Co-infections	29	34	49	64
Penicillin Resistant Gonorrhea Infections (PRNG)		1		1
Suspect PRNG				
HIV	6	14	11	28

Total Number of STD Cases by Age and Gender - February 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							4	1	98	34	57	35	28	24	11	14	1	3					1	311
Gonorrhea Only Cases									9	2	9	3	3	6	4	5	1	4	1	2				49
Syphilis Only Cases														1						1				2
GC and CT Cases									7	2	8	5	3	4	1	3				1				34
							4	1	114	38	74	43	34	35	16	22	2	7	1	4				396
HIV									1		2		2	1	1	3	2	1	1					14

Regional STD Distribution - February 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	168	18	5	8		3		11		23		17		11	3	12	40	25		1		345
All Gonorrhea Infections	50	3	4	2				4		5				2	1	1	6	4		1		83
All Syphilis Infections	2																					2
GC and CT Infections	16	2	1					2		2				2	1	1	5	2				34

Missing Investigation Forms
(02/01/2003 - 01/31/2004)

40	17	5	12		6	1	9	2	4		5		3		7	28	9	1	1		150
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* F=Federal Jurisdiction (includes First Nations and Inuit Health Branch and Stony Mountain Penitentiary) P=Provincial Jurisdiction