



Health

Provincial Health Programs
Public Health Branch
Communicable Disease Control Unit
Fourth Floor, 300 Carlton Street
Winnipeg MB R3B 3M9
CANADA
Telephone: (204) 788-6737
Fax: (204) 948-2040

Santé

Programmes de santé provinciaux
Direction de la santé publique
Prévention des maladies transmissibles
300, rue Carlton, 4^e étage
Winnipeg MB R3B 3M9
CANADA
Téléphone: (204) 788-6737
Télécopieur: (204) 948-2040

Dear Colleague,

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

Communicable Diseases

In total, **186** cases across 22 communicable diseases* (excluding sexually transmitted infections and HIV) were reported to the CDC Unit in March 2004. The observed number of cases was within the expected range for most of the reported communicable diseases, with the exception of leprosy (1 case where none would be expected) and haemophilus influenzae type B (3 cases where no more than 1 would be expected). The expected number of cases and accompanying range is based on the number of reported cases during February, March, and April 1999-2003.

Sexually Transmitted Infections & Blood-Borne Pathogens

In total, **434** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) were reported in March: 337 cases of chlamydia (Ct), 54 cases of gonorrhoea (Gc), 43 Gc-Ct co-infections, and 9 cases of syphilis. Almost half (49%) of the Gc and Ct cases were reported in females between the ages of 15 and 24. About half (53%) of all Gc and Ct cases were recorded for individuals from the Winnipeg health region, and an additional 19% were from the Burntwood health region.

In February **42** newly identified cases of hepatitis C were reported, 60% of which were reported from the Winnipeg region. An additional 17% of new hepatitis C cases were identified from Parkland RHA, reflecting a recent regional outbreak. Most new cases of hepatitis C for March were reported for individuals in the 30-39 year age group, accounting for one-third of new cases. Six new cases of HIV were reported in March, all of which were among males.

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:

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

SUMMARY OF COMMUNICABLE DISEASE FOR March 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	19	12	15	7-23	46	29
004	SHIGELLOSIS	3		3	0-11	9	5
005.0	STAPHYLOCOCCAL			0	0-1		
005.1	BOTULISM				***		
005.2	C. PERFRINGENS		3		***	1	4
005.4	VIBRIO PARAHAE M OLYTICUS				***		
005.8	B. CEREU S				***		
005.9	FOOD POISONING OTHER				***		
006.9	AMEBIASIS	3		3	0-6	8	3
007.1	GIARDIA LAMBLIA	14	10		***	31	26
007.8	CRYPTOSPORIDIOSIS	2	2		***	3	6
008.0	E. COLI VEROTOXIGENIC	7	3	4	0-11	25	7
008.43	CAMPYLOBACTER	17	11	15	8-22	38	33
008.44	YERSINIA ENTEROCOLITICA		2		***	1	2
010	TUBERCULOSIS-PRIM	4	1	1	0-4	5	1
011	TUBERCULOSIS - RESP	8	7	5	0-11	22	18
013	TUBERCULOSIS - NON-RESP	2	2	1	0-4	4	4
021.9	TUBERCULOSIS			0	0-0		
023	BRUCELLOSIS			0	0-0		
027.0	LISTERIA MONOCYTOGENES			0	0-1	1	1
027.2	PASTEURELLA MULTOCIDA						
030.9	LEPROSY		1	0	0-0		1
032	DIPHTHERIA CASES			0	0-0		
033.0	PERTUSSIS		1		***	4	18
033.1	PARAPERTUSSIS				***		
036.0	MENINGOCOCCAL CSE	1		1	0-3	1	
036.2	MENINGOCOCCAL BLOOD	1		1	0-3	1	
036.82	MENINGOCOCCAL ARTHROPATH				***		
036.89	NON-MENINGITIDIS OTHER	1		0	0-1	1	2
037	TETANUS			0	0-0		
038.2	PNEUM. SEPTICEMIA	5	4		***	13	11
040.89	STREPT. TOXIC SHOCK				***	1	
041.2	S. PNEUM. OTHER		6		***	2	8
041.5	H. I. B. -NON MTGS		3	0	0-1		3
046.1	CREUTZFELD-JACOB DISEASE				***	1	
047.0	VIRAL MENINGITIS-COXSACK			0	0-1		1
047.1	VIRAL MENINGITIS-ECHO	2		0	0-1	3	
047.8	VIRAL MENINGITIS-ENTERO				***		
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			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	1	0-3	3	5
070.3	HEPATITIS B			1	0-5		
070.51	HEPATITIS C	42	42		***	105	140
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				2	
084	MALARIA	1		1	0-4	1	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		***	1	1
124	TRICHINOSIS			0	0-0		
127.0	ASCARIASIS			0	0-0		
127.2	STRONGYLOIDS			0	0-0		
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			0	0-1		
320.3	BAC. MENINGITIS - STAPH	1		0	0-1	1	1
320.7	BAC. MENINGITIS - LISTERIA						
320.82	BAC. MENINGITIS - FCOL			0	0-0		
320.9	BAC. MENINGITIS - OTHER			0	0-1	1	
323.9	OTHER ENCEPHALITIS			0	0-0		
331.81	REYF'S SYNDROME				***		
391	RHEUMATIC FEVER				***		
480.8	HANTAVIRUS				***		
481	STREPTOCOCCUS PNEUMONIAE	1			***	1	
481.9	STREP. PNEUMONIA - PR			0	0-0		
482.83	LEGIONELLA	1	1	0	0-1	1	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	60		***	96	182
B96.8	VANCOMYCIN R. ENTEROCOCCI	2	12		***	6	50
V02.4	DIPH. CARRIERS			0	0-0		
		176	186			442	569

* 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 March 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	2		12
005.2	C. PERFRINGENS															1	1	1							3
007.1	GIARDIA LAMBLIA			3	1	1	1									1	1	1	1						10
007.8	CRYPTOSPORIDIOSIS																	1	1						2
008.0	E.COLI 0157			1					1							1									3
008.43	CAMPYLOBACTER			2	1			1			1	1				1		1	3						11
008.44	YERSINIA ENTEROCOLITICA												1									1			2
010	TUBERCULOSIS-PRIM.				1																				1
011	TUBERCULOSIS - RESP.								1			1				1		2		2					7
013	TUBERCULOSIS - NON-RESP.											1		1											2
030.9	LEPROSY										1														1
033.0	PERTUSSIS							1																	1
038.2	STREP.PNEUMOCOCCAL SEPTIC		1	1	1																1				4
041.2	STREP.PNEUM.OTHER	2		3																		1			6
041.5	HAEM.INFLUENZA B (not csf	1													1		1								3
070.1	HEPATITIS A									1															1
070.51	HEPATITIS C		1									3	4	2	5	9	5	6	1	3	3				42
123.4	DIPHYLLOBOTHRIUM																						1		1
482.83	LEGIONELLA																						1		1
728.86	NECROTIZING FASCIITIS																					1			1
B95.6	MRSA/VRSA		1	2	2	1	5			2	1		1	2		4	1	3	5	2	2	15	11		60
B96.8	VANCOMYCIN RES. ENTER.																				2	5	5		12
		3	3	12	7	2	7	1	2	4	5	3	6	7	2	14	14	12	19	6	10	27	20		186

SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR March 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	5						2				1	1	1				1	1				12
005.2	C. PERFRINGENS	3																					3
007.1	GIARDIA LAMBLIA	3	1			1				2		1				1	1						10
007.8	CRYPTOSPORIDIOSIS															1		1					2
008.0	E.COLI 0157				1			1		1													3
008.43	CAMPYLOBACTER	5	1			1	1					3											11
008.44	YERSINIA ENTEROCOLITICA	1	1																				2
010	TUBERCULOSIS-PRIM.																	1					1
011	TUBERCULOSIS - RESP.	3						1										3					7
013	TUBERCULOSIS - NON-RESP.	1							1														2
030.9	LEPROSY					1																	1
033.0	PERTUSSIS	1																					1
038.2	STREP.PNEUMOCOCCAL SE	3														1							4
041.2	STREP.PNEUM.OTHER	1	1		1													2	1				6
041.5	HAEM.INFLUENZA B (not csf)	2																			1		3
070.1	HEPATITIS A		1																				1
070.51	HEPATITIS C	25	3		1		1	1	1			1		7					1			1	42
123.4	DIPHYLLOBOTHRIUM				1																		1
482.83	LEGIONELLA	1																					1
728.86	NECROTIZING FASCIITIS	1																					1
B95.6	MRSA/VRSA	24	3					1		4		5	1	1	4	4	7	5			1		60
B96.8	VANCOMYCIN RES. ENTER.	10						1								1							12
		89	11		4		4	2	7	1	7		11	2	9	4	8	15	9		2	1	186
Missing Investigation Forms (Jan.1 to end of February)		34	3			1	3		5	1		1	1	4		1							54

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

STD Infection Summary Report - March 2004

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2003	2004	2003	2004
All Chlamydia Infections	302	380	950	1059
All Gonorrhea Infections (including PRNG)	56	97	195	269
All Syphilis Infections	7	9	20	17
Gonorrhea & Chlamydia Co-infections	25	43	74	107
Penicillin Resistant Gonorrhea Infections (PRNG)	2		2	
Suspect PRNG				
HIV	9	6	20	34

Total Number of STD Cases by Age and Gender - March 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		100	32	79	43	34	14	11	14	3	2			1			337
Gonorrhea Only Cases							1	2	8	3	9	6	2	9	3	3	2	4		1		1		54
Syphilis Only Cases									1	1	1		1		3				1		1		9	
GC and CT Cases							1		12	4	6	10	2	5		2		1					43	
							6	2	120	40	95	60	38	29	14	22	5	7		2	1	2		443
HIV														2		3		1						6

Regional STD Distribution - March 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													
All Chlamydia Infections	198	16	12	13		4	2	17	1	15		9	1	12		7	51	21			1			380	
All Gonorrhea Infections	51	2	5	2			1	5	1	3				3		2	18	4						97	
All Syphilis Infections	8	1																							9
GC and CT Infections	18	2	4	1			1	3		1				1		1	10	1						43	

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

15	3		2		2		3	1	5		8		2	1	6	19	9				76
----	---	--	---	--	---	--	---	---	---	--	---	--	---	---	---	----	---	--	--	--	----

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