



Health

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Dear Colleague,

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

Communicable Diseases

In total, **190** cases across 21 communicable diseases* (excluding sexually transmitted diseases) were reported to the CDC Unit in January 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 December 1998-2002, and January, February 1999-2003.

Sexually Transmitted Infections & Blood-Borne Pathogens

In total, **396** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) were reported in January: 303 cases of chlamydia (Ct), 58 cases of gonorrhoea (Gc), 30 Gc-Ct co-infections, and 5 cases of syphilis. Almost 65% of the Gc and Ct cases were reported in females, mostly between the ages of 15 and 24. Winnipeg RHA accounted for 51% of all Gc and Ct cases provincially, with Burntwood RHA accounting for an additional 16%.

In January **42** newly identified cases of hepatitis C were reported, 57% of which were reported from the Winnipeg region. Most new cases occurred in the 40-49 year age group, accounting for about 30% of all new cases. Fifteen new cases of HIV were reported in January, with more than half of the new cases among males, aged 40-49 years.

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:

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 January 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	14	11	15	4-26	14	11
004	SHIGELLOSIS	2	1	3	0-10	2	1
005.0	STAPHYLOCOCCAL			0	0-1		
005.1	BOTULISM				***		
005.2	C. PERFRINGENS	1	1		***	1	1
005.4	VIBRIO PARAHAE M OLYTICUS				***		
005.8	B. CERFUS				***		
005.9	FOOD POISONING OTHER				***		
006.9	AMEBIASIS	1	3	3	0-7	1	3
007.1	GIARDIA LAMBLIA	8	6		***	8	6
007.8	CRYPTOSPORIDIOSIS		1		***		1
008.0	E. COLI VEROTOXIGENIC	8	1	2	0-7	8	1
008.43	CAMPYLOBACTER	5	8	12	3-21	5	8
008.44	YERSINIA ENTEROCOLITICA				***		
010	TUBERCULOSIS-PRIM	1		1	0-4	1	
011	TUBERCULOSIS - RESP	6	3	5	0-10	6	3
013	TUBERCULOSIS - NON-RESP	2		2	0-5	2	
021.9	TULAREMIA			0	0-1		
023	BRUCELLOSIS			0	0-0		
027.0	Listeria monocytogenes		1	0	0-1		1
027.2	Pasteurella multocida						
030.9	LEPROSY			0	0-0		
032	DIPHTHERIA CASES			0	0-0		
033.0	PERTUSSIS	2	8		***	2	8
033.1	PARAPERTUSSIS				***		
036.0	MENINGOCOCCAL CSE			0	0-2		
036.2	MENINGOCOCCAL BLOOD			0	0-1		
036.82	MENINGOCOCCAL ARTHROPATH				***		
036.89	NON-MENINGITIDIS OTHER		1	0	0-1		1
037	TETANUS			0	0-0		
038.2	PNEUM SEPTICEMIA	4	5		***	4	5
040.89	STREPT TOXIC SHOCK	1			***	1	
041.2	S PNEUM OTHER		2		***		2
041.5	H.I.B.-NON MTGS			0	0-1		
046.1	CREUTZFELD-JACOB DISEASE				***		
047.0	VIRAL MENINGITIS-COXSACK			0	0-1		
047.1	VIRAL MENINGITIS-ECHO			0	0-1		
047.8	VIRAL MENINGITIS-ENTERO				***		
047.9	VIRAL MENINGITIS-UNSPEC			0	0-2		
054.3	ENCEPHALITIS			0	0-1		
054.72	VIRAL MENINGITIS-H SIMP	1			***	1	
054.8	HERPES-W-UNSPEC.COMPL			0	0-0		
055.9	MEASLES			0	0-1		
056.9	RUBELLA				***		
062.1	W. EQUINE ENCEPHALITIS			0	0-0		
065.4	DENGUE FEVER			0	0-0		
066.3	WEST NILE VIRUS			0	0-0		
070.1	HEPATITIS A	1	2	1	0-3	1	2
070.3	HEPATITIS B			1	0-5		
070.51	HEPATITIS C	30	42		***	30	42
070.59	VIRAL HEP OTHER				***		
072.9	MUMPS		1	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	0-3		
085.9	LEISHMANIASIS			0	0-0		
086	TRYPANOSOMA CRUZI				***		
088.81	LYME DISEASE				***		
120	SCHISTOSOMIASIS			0	0-0		
123.4	DIPHYLLOBOTHRIUM SPP	1			***	1	
124	TRICHINOSIS			0	0-1		
127.0	ASCARIASIS			0	0-0		
127.2	STRONGYLOIDS			0	0-0		
130.9	TOXOPLASMOSIS				***		
283.11	HEMOLYTIC UREMIC SYNDROME				***		
320.0	BAC. MENINGITIS - HAEM			0	0-1		
320.1	BAC. MENINGITIS - PNEUM			1	0-4		
320.2	BAC. MENINGITIS - STREP			0	0-1		
320.3	BAC. MENINGITIS - STAPH		1	0	0-1		1
320.7	BAC. MENINGITIS - LISTERIA						
320.82	BAC. MENINGITIS - FCOL			0	0-0		
320.9	BAC. MENINGITIS - OTHER	1		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		***		1
729.1	NECROTIZING MYOSITIS				***		
771.0	RUBELLA CONGENITAL			0	0-0		
785.5	STAPHYLOCOCCUS AUREUS				***		
A83.0	JAPANESE ENCEPHALITIS				***		
B95.6	MRSA/VRSA	24	79		***	24	79
B96.8	VANCOMYCIN R. ENTEROCOCCI	2	12		***	2	12
V02.4	DIPH. CARRIERS			0	0-0		
		115	190			115	190

* 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 January 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								3	1			3	1		1						11
004	SHIGELLOSIS													1											1
005.2	C. PERFRINGENS																	1							1
006.9	AMEBIASIS						1						1						1						3
007.1	GIARDIA LAMBLIA			1	1		1						1	1	1										6
007.8	CRYPTOSPORIDIOSIS								1																1
008.0	E. COLI 0157																						1		1
008.43	CAMPYLOBACTER				1									1				1	3			1	1		8
011	TUBERCULOSIS - RESP.														2						1				3
027.0	LISTERIA MONOCYTOGENES																					1			1
033.0	PERTUSSIS	1	1		1	1		2	2																8
036.89	NEISSERIA MGTS(Other)	1																							1
038.2	STREP.PNEUMOCOCCAL SEPTIC	1											1						1			1	1		5
041.2	STREP.PNEUM.OTHER																		1			1			2
070.1	HEPATITIS A									1	1														2
070.51	HEPATITIS C												3	4	4	4	7	8	5	1	2	1	1	2	42
072.9	MUMPS																			1					1
320.3	BAC. MENINGITIS - STAPH																						1		1
728.86	NECROTIZING FASCIITIS															1									1
B95.6	MRSA\VRSA		1	1	3		2	1	1			4		2	1	3	2	2	4	1	4	17	30		79
B96.8	VANCOMYCIN RES. ENTER.												1								1	7	3		12
		3	3	3	6	1	4	3	4		1	8	8	9	8	10	11	12	16	3	8	30	37		190

SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR January 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	4	2		1		1				2				1								11
004	SHIGELLOSIS								1														1
005.2	C. PERFRINGENS	1																					1
006.9	AMEBIASIS	1									2												3
007.1	GIARDIA LAMBLIA	4	1								1												6
007.8	CRYPTOSPORIDIOSIS															1							1
008.0	E. COLI 0157	1																					1
008.43	CAMPYLOBACTER	3			1		1					1		1		1							8
011	TUBERCULOSIS - RESP.	1															2						3
027.0	LISTERIA MONOCYTOGENES				1																		1
033.0	PERTUSSIS	6							1		1												8
036.89	NEISSERIA MGTS(Other)	1																					1
038.2	STREP.PNEUMOCOCCAL SE	2			1				1								1						5
041.2	STREP.PNEUM.OTHER	1												1									2
070.1	HEPATITIS A	2																					2
070.51	HEPATITIS C	24	2		1		2	2	5		2			1		1		1			1		42
072.9	MUMPS		1																				1
320.3	BAC. MENINGITIS - STAPH	1																					1
728.86	NECROTIZING FASCIITIS																						1
B95.6	MRSA/VRSA	20	13	1	1		2		1		1		21		3		7	7	2				79
B96.8	VANCOMYCIN RES. ENTER.	11					1																12
		83	19	2	5		7	2	9		9		22	1	6		10	10	4		1		190
Missing Investigation Forms (01/01/2003 - 12/31/2003)		135	12	4		1	13	6	5	2	4		6	3	1		2	9	11				214

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

STD Infection Summary Report - January 2004

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2003	2004	2003	2004
All Chlamydia Infections	342	333	342	333
All Gonorrhea Infections (including PRNG)	71	88	71	88
All Syphilis Infections	7	5	7	5
Gonorrhea & Chlamydia Co-infections	20	30	20	30
Penicillin Resistant Gonorrhea Infections (PRNG)				
Suspect PRNG				
HIV	5	15	5	15

Total Number of STD Cases by Age and Gender - January 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	1	93	26	67	27	26	15	18	14	2	7					1	303
Gonorrhea Only Cases									8	2	7	5	12	6	5	8	1	3					1	58
Syphilis Only Cases														1	1	2							1	5
GC and CT Cases							2		9	3	5	2	2	2	2	1		1			1			30
							8	1	110	31	79	34	40	24	26	25	3	11			1		3	396
HIV										1		1	1	1	1	1	8	1			1			15

Regional STD Distribution - January 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	163	16	12	12		7		13	2	19		6		10		17	38	18				333
All Gonorrhea Infections	52	3	2	1		1		1		6				2		6	11	3				88
All Syphilis Infections	5																					5
GC and CT Infections	11	1	2	1		1				5				1		2	6					30

Missing Investigation Forms
(01/01/2003 - 12/31/2003)

39	14	8	16		4	2	10	1	4		1		1		11	31	9	2	1		154
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* F=Federal Jurisdiction (includes First Nations and Inuit Health Branch and Stony Mountain Penitentiary) P=Provincial Jurisdiction