



Health

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TO: Distribution List

Dear Colleague,

Please find attached a copy of "**Summary of Communicable Diseases for the Month of February 2003**" for your review. This report is available on the Manitoba Health internet website (<http://www.gov.mb.ca/health/publichealth/cdc/surveillance/index.html>).

Communicable Disease

In total, **146** cases across 22 communicable diseases (excluding sexually transmitted diseases) were reported to the CDC Unit in February, 2003. The observed number of cases was within the expected range for all of the communicable diseases, with the exception of Verotoxigenic E. Coli (10 cases; expected range 0-6) and **Trichinosis** (1 case; expected range 0). The expected number of cases and accompanying range was based on the number of reported cases during January, February, and March 1998-2002.

In February, **30** newly identified cases of **hepatitis C** were reported. The majority of these cases were reported from the Winnipeg Regional Health Authority (WRHA). Two-thirds of the new cases were reported for males, mostly in the 30-39 year age group.

Although not reported in the Summary, there were **3 outbreaks** of **influenza-like illness**, **1** of which was lab-confirmed as **Influenza B**. There were also **3 suspected outbreaks** of **small round enteric virus (SREV)**, **none** of which have been lab confirmed.

Sexually Transmitted Diseases

In total, **352** cases of sexually transmitted disease (chlamydia, gonorrhoea, and primary syphilis) were reported in February – 277 cases of chlamydia, 43 cases of gonorrhoea, 28 GC-CT co-infections, and four cases of syphilis. In February, an Outbreak Response Team was organised jointly between the CDC Unit and the WRHA to aggressively respond to the syphilis outbreak occurring in Winnipeg. About half (51%) of the GC and CT cases were reported in females between the ages of 15 and 24, and an additional 21% in 15-24 year old males. Winnipeg and Burntwood continue to have the greatest number of reported cases overall. Seven new cases of HIV were reported in February.

If you have any comments, questions, or suggestions about the content of this summary, please feel free to call me directly (204-788-6786) or email me at CaBeaudoin@gov.mb.ca.

Cheers,

Carole Beaudoin, BA, MSc, PhD(cand)
Communicable Diseases Epidemiologist
Public Health Branch

Enclosure

SUMMARY OF COMMUNICABLE DISEASE FOR February 2003

ICD9	DISEASE/INFECTION	MONTHLY TOTAL				YEAR-TO-DATE	
		2002	2003	Expected*	Ex. Range**	2002	2003
002.0	TYPHOID			0	0-1		
002.9	PARATYPHOID			0	0-1		
003.0	SALMONELLA	24	14	14	5-23	36	29
004	SHIGELLOSIS	1	4	5	0-15	1	5
005.0	STAPHYLOCOCCAL			0	0-1		
005.1	BOTULISM				***		
005.2	C. PERFRINGENS				***	1	
005.4	VIBRIO PARAHAE M OLYTICUS				***		
005.8	B. CERFUS	1			***	2	
005.9	FOOD POISONING OTHER		2		***		2
006.9	AMEBIASIS		3	4	0-8	4	4
007.1	GIARDIA LAMBLIA	7	6		***	13	23
007.8	CRYPTOSPORIDIOSIS	1			***	1	
008.0	E. COLI VEROTOXIGENIC	2	10	2	0-6	4	18
008.43	CAMPYLOBACTER	11	19	13	3-23	19	27
008.44	YERSINIA ENTEROCOLITICA				***		
010	TUBERCULOSIS-PRIM			1	0-4	1	1
011	TUBERCULOSIS - RESP	2	8	5	0-10	9	14
013	TUBERCULOSIS - NON-RESP			1	0-4	3	2
021.9	TULAREMIA			0	0-0		
023	BRUCELLOSIS			0	0-0		
027.0	Listeria monocytogenes	1	1	0	0-1	1	1
027.2	Pasteurella multocida						
030.9	LEPROSY			0	0-0		
032	DIPHTHERIA CASES			0	0-0		
033.0	PERTUSSIS	1	3		***	6	5
033.1	PARAPERTUSSIS				***	2	
036.0	MENINGOCOCCAL CSE			1	0-3		
036.2	MENINGOCOCCAL BLOOD	1		1	0-3	2	
036.82	MENINGOCOCCAL ARTHROPATH				***		
036.89	NON-MENINGITIDIS OTHER			0	0-1		
037	TETANUS			0	0-0		
038.2	PNEUM SEPTICEMIA	2	3		***	8	10
040.89	STREPT TOXIC SHOCK				***	1	1
041.2	S PNEUM OTHER				***		
041.5	H.I.B.-NON MTGS			0	0-1		
046.1	CREUTZFELD-JACOB DISEASE				***		
047.0	VIRAL MENINGITIS-COXSACK	2		0	0-1	3	
047.1	VIRAL MENINGITIS-ECHO		1	0	0-1		1
047.8	VIRAL MENINGITIS-ENTERO				***		
047.9	VIRAL MENINGITIS-UNSPEC			0	0-1		
054.3	ENCEPHALITIS			0	0-0		
054.72	VIRAL MENINGITIS-H SIMP				***		2
054.8	HERPES-W-UNSPEC.COMPI			0	0-0		
055.9	MEASLES	1	1	0	0-1	1	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	2	3	2	0-6	5	5
070.3	HEPATITIS B	1		2	0-6	2	1
070.51	HEPATITIS C	63	30		***	109	60
070.59	VIRAL HEP OTHER				***		
072.9	MUMPS			0	0-1		
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	
		2002	2003	Expected*	Ex. Range**	2002	2003
083.0	Q.FEVER						
084	MALARIA	1		1	0-3	3	
086	TRYPANOSOMA CRUZI				***		
088.81	L YME DISEASE				***		
123.4	DIPHYLLOBOTHRIUM SPP				***	1	
124	TRICHINOSIS		1	0	0-0		2
130.9	TOXOPLASMOSES	3	1		***	5	2
283.11	HEMOLYTIC UREMIC SYNDROME				***		
320.0	BAC. MENINGITIS - HAEM			0	0-1		
320.1	BAC. MENINGITIS - PNEUM	1		1	0-3	2	
320.2	BAC. MENINGITIS - STREP			0	0-1		
320.3	BAC. MENINGITIS - STAPH			0	0-1		
320.7	BAC. MENINGITIS - LISTERIA						
320.82	BAC. MENINGITIS - E. COLI			0	0-0		
320.9	BAC. MENINGITIS - OTHER			0	0-1		
323.9	OTHER ENCEPHALITIS			0	0-0		
331.81	REYE'S SYNDROME				***		
391	RHEUMATIC FEVER				***		
480.8	HANTA VIRUS				***		
481	STREPTOCOCCUS PNEUMONIAE				***		
482.83	LEGIONELLA			0	0-1		
580.0	STREPT GLOMERULONEPHRITIS				***		
711.0	STREP PNEUM ARTHRITIS				***		
728.86	NECROTIZING FASCITIS	3			***	3	
729.1	NECROTIZING MYOSITIS				***		
771.0	RUBELLA CONGENITAL			0	0-1		
785.5	STAPHYLOCOCCUS AUREUS				***		
A83.0	JAPANESE ENCEPHALITIS				***		
B95.6	MRSA/VRSA	21	33		***	44	51
B96.8	VANCOMYCIN R. ENTEROCOCCI	1	3		***	1	3
V02.4	DIPH. CARRIERS			0	0-0		
		153	146			293	270

* 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 2003

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		2	1			1			1		3			1	1		1	1	1				14
004	SHIGELLOSIS												1		1		2								4
005.9	FOOD POISONING OTHER																1	1							2
006.9	AMEBIASIS														1		1					1			3
007.1	GIARDIA LAMBLIA				1		1								1		2	1							6
008.0	E. COLI 0157			2				1				1			2					1	2		1		10
008.43	CAMPYLOBACTER		1		1					1	2		1	1	3		5		3		1				19
011	TUBERCULOSIS - RESP.								1	1			1	1	2			1	1						8
027.0	LISTERIA MONOCYTOGENES																					1			1
033.0	PERTUSSIS							2	1																3
038.2	STREP.PNEUMOCOCCAL SEPTIC									1							1	1							3
047.1	VIRAL MENINGITIS-ECHO													1											1
055.9	MEASLES													1											1
070.1	HEPATITIS A				1												1					1			3
070.51	HEPATITIS C												2		3	12	3	3	1	5	1				30
124	TRICHINOSIS					1																			1
130.9	TOXOPLASMOSIS													1											1
B95.6	MRSA/VRSA	1		2								1	1	1		1	1		1		12	12			33
B96.8	VANCOMYCIN RES. ENTER.																				3				3
		2	1	6	4	1	1	1	3	2	4	2	5	5	3	13	19	9	15	5	10	19	15		146

SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR February 2003

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	1				1		1		3		2					1					14
004	SHIGELLOSIS	2					1						1										4
005.9	FOOD POISONING OTHER		2																				2
006.9	AMEBIASIS	3																					3
007.1	GIARDIA LAMBLIA	5								1													6
008.0	E. COLI 0157	5	1						2		1		1										10
008.43	CAMPYLOBACTER	6	5			1			2		2		1		2								19
011	TUBERCULOSIS - RESP.	4										1						3					8
027.0	LISTERIA MONOCYTOGENES	1																					1
033.0	PERTUSSIS	3																					3
038.2	STREP.PNEUMOCOCCAL SE	1																1			1		3
047.1	VIRAL MENINGITIS-ECHO	1																					1
055.9	MEASLES	1																					1
070.1	HEPATITIS A	3																					3
070.51	HEPATITIS C	21	3					1	1				2						1			1	30
124	TRICHINOSIS																					1	1
130.9	TOXOPLASMOSIS	1																					1
B95.6	MRSA/VRSA	15	1		1		7		2				4			1		1				1	33
B96.8	VANCOMYCIN RES. ENTER.	2																			1		3
		79	13		1	1	9	1	8	1	6	1	11		2	1	4	3		4	1	146	
Missing Investigation Forms (02/01/2002 - 01/31/2003)		139	11	3	1		8	13	6	5	5	1	11		1	3	5	16			3		231

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

STD Infection Summary Report - February 2003

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2002	2003	2002	2003
All Chlamydia Infections	274	305	555	617
All Gonorrhea Infections (including PRNG)	50	71	104	139
All Syphilis Infections	3	4	4	6
Gonorrhea & Chlamydia Co-infections	15	28	34	48
Penicillin Resistant Gonorrhea Infections (PRNG)	1		1	
Suspect PRNG				
HIV	3	7	12	12

Total Number of STD Cases by Age and Gender - February 2003

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		1					5	1	83	27	64	30	23	15	10	13		4					1	277
Gonorrhea Only Cases									5	5	10	7	5	3	2	4		2						43
Syphilis Only Cases																	1	1	2					4
GC and CT Cases									11	2	6	4	2			2		1						28
		1					5	1	99	34	80	41	30	18	12	19	1	8	2					352
HIV													2		1	2		2						7

Regional STD Distribution - February 2003

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	157	11	4	7		2	3	7	1	19	1	4	3	11	2	19	36	15	1	2		305
All Gonorrhea Infections	41		4	2				1		4			1	2		2	13	1				71
All Syphilis Infections	4																					4
GC and CT Infections	13		1							3			1	2		1	6	1				28

Missing Investigation Forms
(02/01/2002 - 01/31/2003)

31	10	4	1		3	2	1		6		4		3		3	28	1				97
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* F=Federal Jurisdiction (includes First Nations and Inuit Health Branch and Stony Mountain Penitentiary) P=Provincial Jurisdiction