



Health

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TO: Distribution List

Dear Colleague,

Please find attached a copy of "**Summary of Communicable Diseases for the Month of January 2003**" for your review. Please excuse the lateness of this report. As a rule, these reports should be available on the Manitoba Health internet website (<http://www.gov.mb.ca/health/publichealth/cdc/surveillance/index.html>) by the first Friday of each month.

Communicable Disease

In total, **124** cases across 22 communicable diseases (excluding sexually transmitted diseases) were reported to the CDC Unit in January, 2003. The observed number of cases was within the expected range for all of the communicable diseases, with the exception of **Verotoxigenic E. Coli** (8 cases; expected range 0-4) and **Trichinosis** (1 case, expected range 0). The expected number of cases and accompanying range was based on the number of reported cases during December 1997-2001, and January and February, 1998-2002.

In January, **30** newly identified cases of **hepatitis C** were reported. The majority of these cases were reported from the Winnipeg Regional Health Authority. About 63% of the new cases were reported for males, mostly in the 40-49 years age category.

Although not reported in the Summary, there were **15 suspected outbreaks** of **small round enteric virus (SREV)**, **6** of which have been confirmed through lab results. There were also **2 outbreaks** of **influenza-like illness**, **none** of which have been lab-confirmed.

Sexually Transmitted Diseases

In total, **362** cases of sexually transmitted disease (chlamydia, gonorrhoea, and primary syphilis) were reported in January – 292 cases of chlamydia, 48 cases of gonorrhoea, 20 GC-CT co-infections, and two case of syphilis. January 2003 marked the first time in 5 years that Manitoba had a locally-acquired syphilis infection. About 47% of the gonorrhoea and chlamydia 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 GC and/or CT cases overall. Five new cases of HIV were reported in January.

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 January 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	12	15	13	4-22	12	15
004	SHIGELLOSIS		1	5	0-16		1
005.0	STAPHYLOCOCCAL			0	0-1		
005.1	BOTULISM				***		
005.2	C. PERFRINGENS	1			***	1	
005.4	VIBRIO PARAHAE M OLYTICUS				***		
005.8	B. CEREU S	1			***	1	
005.9	FOOD POISONING OTHER				***		
006.9	AMEBIASIS	4	1	3	0-6	4	1
007.1	GIARDIA LAMBLIA	6	17		***	6	17
007.8	CRYPTOSPORIDIOSIS				***		
008.0	E. COLI VEROTOXIGENIC	2	8	1	0-4	2	8
008.43	CAMPYLOBACTER	8	8	12	5-19	8	8
008.44	YERSINIA ENTEROCOLITICA				***		
010	TUBERCULOSIS-PRIM	1	1	1	0-4	1	1
011	TUBERCULOSIS - RESP	7	6	5	0-10	7	6
013	TUBERCULOSIS - NON-RESP	3	2	2	0-5	3	2
021.9	TULAREMIA			0	0-1		
023	BRUCELLOSIS			0	0-0		
027.0	LISTERIA MONOCYTOGENES			0	0-1		
027.2	PASTEURELLA MULTOCIDA						
030.9	LEPROSY			0	0-0		
032	DIPHTHERIA CASES			0	0-0		
033.0	PERTUSSIS	5	2		***	5	2
033.1	PARAPERTUSSIS	2			***	2	
036.0	MENINGOCOCCAL CSE			1	0-3		
036.2	MENINGOCOCCAL BLOOD	1		0	0-1	1	
036.82	MENINGOCOCCAL ARTHROPATH				***		
036.89	NON-MENINGITIDIS OTHER			0	0-1		
037	TETANUS			0	0-0		
038.2	PNEUM. SEPTICEMIA	6	7		***	6	7
040.89	STREPT. TOXIC SHOCK	1	1		***	1	1
041.2	S. PNEUM. OTHER				***		
041.5	H. I. B. -NON MITGS			0	0-1		
046.1	CREUTZFELD-JACOB DISEASE				***		
047.0	VIRAL MENINGITIS-COXSACK	1		0	0-1	1	
047.1	VIRAL MENINGITIS-ECHO			0	0-2		
047.8	VIRAL MENINGITIS-ENTERO				***		
047.9	VIRAL MENINGITIS-UNSPEC.			0	0-2		
054.3	ENCEPHALITIS			0	0-0		
054.72	VIRAL MENINGITIS-H. SIMP		2		***		2
054.8	HERPES-W-UNSPEC. COMPI			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	3	2	2	0-8	3	2
070.3	HEPATITIS B	1	1	2	0-6	1	1
070.51	HEPATITIS C	46	30		***	46	30
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	2		1	0-3	2	
086	TRYPANOSOMA CRUZI				***		
088.81	L YME DISEASE				***		
123.4	DIPHYLLOBOTHRIUM SPP	1			***	1	
124	TRICHINOSIS		1	0	0-0		1
130.9	TOXOPLASMOSES	2	1		***	2	1
283.11	HEMOLYTIC UREMIC SYNDROME				***		
320.0	BAC. MENINGITIS - HAEM			0	0-1		
320.1	BAC. MENINGITIS - PNEUM	1		1	0-3	1	
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				***		
729.1	NECROTIZING MYOSITIS				***		
771.0	RUBELLA CONGENITAL			0	0-1		
785.5	STAPHYLOCOCCUS AUREUS				***		
A83.0	JAPANESE ENCEPHALITIS				***		
B95.6	MRSA/VRSA	23	18		***	23	18
B96.8	VANCOMYCIN R. ENTEROCOCCI				***		
V02.4	DIPH. CARRIERS			0	0-0		
		140	124			140	124

* 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 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					2				1		1	1			2	1	1	1	2	1		2		15
004	SHIGELLOSIS												1												1
006.9	AMEBIASIS					1																			1
007.1	GIARDIA LAMBLIA			1	3	1			2	1					2	1	2	2	1	1					17
008.0	E. COLI 0157			1	1								1				1	1	2			1			8
008.43	CAMPYLOBACTER			2					1					1	1	1		1		1					8
010	TUBERCULOSIS-PRIM.									1															1
011	TUBERCULOSIS - RESP.							1						1	2	1						1			6
013	TUBERCULOSIS - NON-RESP.												1									1			2
033.0	PERTUSSIS					1		1																	2
038.2	STREP.PNEUMOCOCCAL SEPTIC	1		2	1								1					1				1			7
040.89	STREPTOCOCCAL TOXIC SHOCK									1															1
054.72	VIRAL MENINGITIS-H SIMP																			1			1		2
070.1	HEPATITIS A														1							1			2
070.3	HEPATITIS B														1										1
070.51	HEPATITIS C											1	1		4	2	1	10	1	4	1	2	3		30
124	TRICHINOSIS																					1			1
130.9	TOXOPLASMOSIS												1												1
B95.6	MRSA/VRSA			1				1				1		2		1	1		2		6	3			18
		1		7	5	4	1	2	4	1	3	1	3	6	4	12	8	6	16	9	7	9	12		124

SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR January 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	10						2								1	2						15
004	SHIGELLOSIS									1													1
006.9	AMEBIASIS					1																	1
007.1	GIARDIA LAMBLIA	9				4		1		1				1				1					17
008.0	E. COLI 0157	3	1		1							3											8
008.43	CAMPYLOBACTER	3				3		1				1											8
010	TUBERCULOSIS-PRIM.																	1					1
011	TUBERCULOSIS - RESP.	3												2				1					6
013	TUBERCULOSIS - NON-RESP.	1			1																		2
033.0	PERTUSSIS	2																					2
038.2	STREP.PNEUMOCOCCAL SE	2		1		1						1						1	1				7
040.89	STREPTOCOCCAL TOXIC SH											1											1
054.72	VIRAL MENINGITIS-H SIMP									1		1											2
070.1	HEPATITIS A	2																					2
070.3	HEPATITIS B	1																					1
070.51	HEPATITIS C	24	1					2				1				1	1						30
124	TRICHINOSIS																				1		1
130.9	TOXOPLASMOSIS							1															1
B95.6	MRSA/VRSA	8	1							2						1	4				2		18
		68	3	1	2		9	3	4	5		8		3		3	11	1		3			124
Missing Investigation Forms (01/01/2002 - 12/31/2002)		114	9	2	1		4	12	5	5	4	1	9		1	3	5	15			2		192

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

STD Infection Summary Report - January 2003

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2002	2003	2002	2003
All Chlamydia Infections	281	312	281	312
All Gonorrhea Infections (including PRNG)	54	68	54	68
All Syphilis Infections	1	2	1	2
Gonorrhea & Chlamydia Co-infections	19	20	19	20
Penicillin Resistant Gonorrhea Infections (PRNG)				
Suspect PRNG				
HIV	9	5	9	5

Total Number of STD Cases by Age and Gender - January 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	F	M		
Chlamydia Only Cases	1						4		86	18	67	34	35	11	21	10	1	2			1		1	292
Gonorrhea Only Cases									5	5	2	11	3	5	5	3	1	8						48
Syphilis Only Cases													1					1						2
GC and CT Cases							1		8	3	1	3		2		1		1						20
	1						5		99	26	70	48	39	18	26	14	2	12			1			362
HIV												1				1		2					1	5

Regional STD Distribution - January 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	F	P				
All Chlamydia Infections	154	9	11	4		8		9	1	14		8		6		13	52	21		2		312
All Gonorrhea Infections	46	2	4	1		1		2		1					1	1	8			1		68
All Syphilis Infections	2																					2
GC and CT Infections	9	2	3	1						1							4					20

Missing Investigation Forms
(01/01/2002 - 12/31/2002)

27	7	3	1		1	2		4		2	1	2		1	18	1				70
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* F=Federal Jurisdiction (includes First Nations and Inuit Health Branch and Stony Mountain Penitentiary) P=Provincial Jurisdiction