



Health

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April 04, 2003

TO: Distribution List

Dear Colleague,

Please find attached a copy of “**Summary of Communicable Diseases for the Month of March 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, **137** cases across 22 communicable diseases (excluding sexually transmitted diseases) were reported to the CDC Unit in March, 2003. The observed number of cases was within the expected range for all of the communicable diseases. The expected number of cases and accompanying range was based on the number of reported cases during February, March, and April, 1998-2002.

In March, **37** newly identified cases of **hepatitis C** were reported. About 70% of these cases were reported from the Winnipeg Regional Health Authority (WRHA). About 62% of the new cases were reported for males, mostly in the 40-49 year age group.

Although not reported in the Summary, there were **11 outbreaks of influenza-like illness, 6** of which have been lab confirmed as **Influenza B**. All of the influenza B and influenza-like illness outbreaks have occurred in schools, throughout much of the province. Weekly influenza reports can be found on the internet website (noted above).

Sexually Transmitted Diseases

In total, **326** cases of sexually transmitted disease (chlamydia, gonorrhoea, and primary syphilis) were reported in March – 270 cases of chlamydia, 28 cases of gonorrhoea, 23 GC-CT co-infections, and 5 cases of syphilis. The Outbreak Response Team (Manitoba Health and WRHA) is continuing to monitor and actively respond to this outbreak, which is, as of March, confined to the Winnipeg. About half of the GC and CT cases were reported in females between the ages of 15 and 24, and an additional 20% in 15-24 year old males. Winnipeg and Burntwood continue to have the greatest number of reported cases overall. XX new cases of HIV were reported in March.

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 March 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	13	11	15	7-23	49	40
004	SHIGELLOSIS		2	4	0-12	1	7
005.0	STAPHYLOCOCCAL			0	0-1		
005.1	BOTULISM				***		
005.2	C. PERFRINGENS	1			***	2	
005.4	VIBRIO PARAHAE M OLYTICUS				***		
005.8	B. CERFUS				***	2	
005.9	FOOD POISONING OTHER				***		2
006.9	AMEBIASIS	5	1	4	0-8	9	5
007.1	GIARDIA LAMBLIA	5	9		***	18	32
007.8	CRYPTOSPORIDIOSIS	3	1		***	4	1
008.0	E. COLI VEROTOXIGENIC	5	6	3	0-10	9	24
008.43	CAMPYLOBACTER	11	11	15	6-24	30	38
008.44	YERSINIA ENTEROCOLITICA				***		
010	TUBERCULOSIS-PRIM		4	1	0-4	1	5
011	TUBERCULOSIS - RESP	6	8	5	0-11	15	22
013	TUBERCULOSIS - NON-RESP	2	2	2	0-5	5	4
021.9	TUBERCULOSIS			0	0-0		
023	BRUCELLOSIS			0	0-0		
027.0	LISTERIA MONOCYTOGENES	1		0	0-1	2	1
027.2	PASTEURIELLA MULLITOCIDA						
030.9	L. PROSY			0	0-0		
032	DIPHTHERIA CASES			0	0-0		
033.0	PERTUSSIS	2			***	8	5
033.1	PARAPERTUSSIS				***	2	
036.0	MENINGOCOCCAL CSE	1		1	0-3	1	
036.2	MENINGOCOCCAL BLOOD	1		1	0-3	3	
036.82	MENINGOCOCCAL ARTHROPATH				***		
036.89	NON-MENINGITIDIS OTHER		1	0	0-1		1
037	TETANUS			0	0-0		
038.2	PNEUM. SEPTICEMIA	9	3		***	17	13
040.89	STREPT. TOXIC SHOCK	2			***	3	1
041.2	S. PNEUM. OTHER		2		***		2
041.5	H. I. B. -NON MITGS			0	0-1		
046.1	CREUTZFELD-JACOB DISEASE				***		
047.0	VIRAL MENINGITIS-COXSACK			0	0-1	3	
047.1	VIRAL MENINGITIS-ECHO		1	0	0-1		2
047.8	VIRAL MENINGITIS-ENTERO	1			***	1	
047.9	VIRAL MENINGITIS-UNSPEC.			0	0-1		
054.3	ENCEPHALITIS			0	0-1		
054.72	VIRAL MENINGITIS-H. SIMP				***		2
054.8	HERPES-W-UNSPEC. COMPI			0	0-0		
055.9	MEASLES			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	1	1	2	0-6	6	6
070.3	HEPATITIS B	2		2	0-6	4	1
070.51	HEPATITIS C	41	37		***	150	97
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		0	0-1	4	
086	TRYPANOSOMA CRUZI				***		
088.81	L YME DISEASE				***		
123.4	DIPHYLLOBOTHRIUM SPP				***	1	
124	TRICHINOSIS			0	0-0		2
130.9	TOXOPLASMOSES	2	3		***	7	5
283.11	HEMOLYTIC UREMIC SYNDROME				***		
320.0	BAC. MENINGITIS - HAFM			0	0-1		
320.1	BAC. MENINGITIS - PNEUM			0	0-1	2	
320.2	BAC. MENINGITIS - STREP	1		0	0-1	1	
320.3	BAC. MENINGITIS - STAPH			0	0-0		
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	1		0	0-1	1	
580.0	STREPT GLOMERULONEPHRITIS				***		
711.0	STREP PNEUM ARTHRITIS				***		
728.86	NECROTIZING FASCITIS				***	3	
729.1	NECROTIZING MYOSITIS				***		
771.0	RUBELLA CONGENITAL			0	0-1		
785.5	STAPHYLOCOCCUS AUREUS				***		
A83.0	JAPANESE ENCEPHALITIS				***		
B95.6	MRSA/VRSA	33	34		***	77	85
B96.8	VANCOMYCIN R. ENTEROCOCCI				***	1	3
V02.4	DIPH. CARRIERS			0	0-0		
		150	137			443	407

* 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 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				1	2			1		1	1			2		2							11
004	SHIGELLOSIS																	1		1					2
006.9	AMEBIASIS															1									1
007.1	GIARDIA LAMBLIA			1	1	1	1	1					1			1		1	1						9
007.8	CRYPTOSPORIDIOSIS					1																			1
008.0	E. COLI 0157				1		1					1							1		2				6
008.43	CAMPYLOBACTER				1							1				1		3	1	3	1				11
010	TUBERCULOSIS-PRIM.														2	1						1			4
011	TUBERCULOSIS - RESP.									2	1		2	2								1			8
013	TUBERCULOSIS - NON-RESP.																1	1							2
036.89	NEISSERIA MGTS(other)																						1		1
038.2	STREP.PNEUMOCOCCAL SEPTIC			1	1																	1			3
041.2	STREP.PNEUM.OTHER				2																				2
047.1	VIRAL MENINGITIS-ECHO																	1							1
070.1	HEPATITIS A																				1				1
070.51	HEPATITIS C											2		2	1	4	5	2	11	3	5		1	1	37
130.9	TOXOPLASMOSIS														1	1								1	3
B95.6	MRSA/VRSA		1	1			3	1	1				1	1				3	2	1	3	4	12		34
		1	1	3	6	3	7	2	1		3	6	3	5	3	10	9	9	19	7	10	12	15		137

SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR March 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				3											1	1				11
004	SHIGELLOSIS										1								1				2
006.9	AMEBIASIS		1																				1
007.1	GIARDIA LAMBLIA	6			1		1				1												9
007.8	CRYPTOSPORIDIOSIS												1										1
008.0	E. COLI 0157	2					1		1				1		1								6
008.43	CAMPYLOBACTER	6	2				1		1		1												11
010	TUBERCULOSIS-PRIM.	1																3					4
011	TUBERCULOSIS - RESP.	6		1														1					8
013	TUBERCULOSIS - NON-RESP.	1																1					2
036.89	NEISSERIA MGTS(Other)	1																					1
038.2	STREP.PNEUMOCOCCAL SE	2									1												3
041.2	STREP.PNEUM.OTHER	1													1								2
047.1	VIRAL MENINGITIS-ECHO	1																					1
070.1	HEPATITIS A																1						1
070.51	HEPATITIS C	26					1	1	1		1		1	2	1		2					1	37
130.9	TOXOPLASMOSIS	3																					3
B95.6	MRSA/VRSA	22	1		1		2			1				1	1		4	1					34
		83	5	1	2		9	1	3	1	5		3	2	4	1	3	10	3			1	137
Missing Investigation Forms (Jan.1 to end of February)		86	9	1		1	5	2	2		2		9				2	3	1		2	1	126

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

STD Infection Summary Report - March 2003

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2002	2003	2002	2003
All Chlamydia Infections	289	293	844	910
All Gonorrhea Infections (including PRNG)	41	51	145	190
All Syphilis Infections	1	5	5	11
Gonorrhea & Chlamydia Co-infections	17	23	51	71
Penicillin Resistant Gonorrhea Infections (PRNG)			1	
Suspect PRNG				
HIV	6	5	18	17

Total Number of STD Cases by Age and Gender - March 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							7		75	21	68	30	22	12	17	11	1	4		2				270
Gonorrhea Only Cases									5		5	4	2	1	2	5		2		1		1		28
Syphilis Only Cases															1		2	2						5
GC and CT Cases							2		5	5	3	5			2		1							23
							9		85	26	76	39	24	13	22	16	4	8		3		1		326
HIV														2			3							5

Regional STD Distribution - March 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	139	12	5	3		5	1	9		21		5		10		20	40	20	1	2		293
All Gonorrhea Infections	24	1	2			2		1		2				3		4	11	1				51
All Syphilis Infections	5																					5
GC and CT Infections	9	1	2			1									2	8						23

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

11	8	3	4		2	1	3		5	1	4		3		5	15	2				67
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* F=Federal Jurisdiction (includes First Nations and Inuit Health Branch and Stony Mountain Penitentiary) P=Provincial Jurisdiction