



Health

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TO: Distribution List

Dear Colleague,

Please find attached a copy of "**Summary of Communicable Diseases for the Month of April 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, **173** cases across 18 communicable diseases (excluding sexually transmitted diseases) were reported to the CDC Unit in April, 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 March, April, and May 1998-2002.

In April, **49** newly identified cases of **hepatitis C** were reported. Almost two-thirds of these cases were reported from the Winnipeg Regional Health Authority (WRHA). Almost 60% of the new cases were reported for males, mostly in the 30-49 year age group.

Although not reported in the Summary, there were **3 outbreaks** of **influenza-like illness** in personal care homes, all of which were lab confirmed as **Influenza A**. Weekly influenza reports can be found on the internet website (noted above).

Sexually Transmitted Diseases

In total, **337** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) were reported in April: 275 cases of chlamydia, 27 cases of gonorrhoea, 28 Gc-Ct co-infections, and 7 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 April, confined to Winnipeg. About half (53%) of the GC and CT cases were reported in females between the ages of 15 and 24, and an additional 19% in 15-24 year old males. Almost half of the Gc and Ct cases were reported from Winnipeg (47.8%), with an additional 21% accounted for by Burntwood. Eleven new cases of HIV were reported in April, primarily in the 30-39 year age group.

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,

ORIGINAL SIGNED BY

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

Enclosure

SUMMARY OF COMMUNICABLE DISEASE FOR April 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	19	18	15	7-23	72	62
004	SHIGELLOSIS	2		6	0-23	5	9
005.0	STAPHYLOCOCCAL			0	0-1		
005.1	BOTULISM				***		
005.2	C. PERFRINGENS				***	6	1
005.4	VIBRIO PARAHAE M OLYTICUS				***		
005.8	B. CERFUS				***	1	
005.9	FOOD POISONING OTHER				***		
006.9	AMEBIASIS	5	5	4	0-8	15	9
007.1	GIARDIA LAMBLIA	4	11		***	35	38
007.8	CRYPTOSPORIDIOSIS	5	3		***	10	6
008.0	E. COLI VEROTOXIGENIC	2	10	3	0-10	12	35
008.43	CAMPYLOBACTER	8	9	16	6-26	48	48
008.44	YERSINIA ENTEROCOLITICA		2		***		3
010	TUBERCULOSIS-PRIM	2	1	1	0-4	3	6
011	TUBERCULOSIS - RESP	7	9	6	0-12	23	31
013	TUBERCULOSIS - NON-RESP	3	1	2	0-6	8	5
021.9	TUBERCULOSIS			0	0-0		
023	BRUCELLOSIS			0	0-0		
027.0	LISTERIA MONOCYTOGENES			0	0-1	2	1
027.2	PASTEURELLA MULTOCIDA						
030.9	LEPROSY			0	0-0		
032	DIPHTHERIA CASES			0	0-0		
033.0	PERTUSSIS	2	1		***	14	5
033.1	PARAPERTUSSIS	1			***	2	
036.0	MENINGOCOCCAL CSE	1		1	0-3	2	1
036.2	MENINGOCOCCAL BLOOD	2		1	0-3	5	
036.82	MENINGOCOCCAL ARTHROPATH				***		
036.89	NON-MENINGITIDIS OTHER			0	0-0		1
037	TETANUS			0	0-0		
038.2	PNEUM. SEPTICEMIA	12	5		***	32	18
040.89	STREPT. TOXIC SHOCK				***	3	1
041.2	S. PNEUM. OTHER				***		2
041.5	H. I. B. -NON MITGS			0	0-1		
046.1	CREUTZFELD-JACOB DISEASE				***	1	1
047.0	VIRAL MENINGITIS-COXSACK			0	0-0	2	
047.1	VIRAL MENINGITIS-ECHO			0	0-2		3
047.8	VIRAL MENINGITIS-ENTERO				***	1	
047.9	VIRAL MENINGITIS-UNSPEC.			0	0-1		
054.3	ENCEPHALITIS			0	0-1	1	
054.72	VIRAL MENINGITIS-H. SIMP				***		1
054.8	HERPES-W-UNSPEC. COMPI			0	0-0		
055.9	MEASLES			0	0-0	1	
056.9	RUBELLA				***		
062.1	W. EQUINE ENCEPHALITIS			0	0-0		
065.4	DENGUE FEVER			0	0-1	2	
066.3	WEST NILE VIRUS			0	0-0		
070.1	HEPATITIS A	2	3	1	0-3	7	6
070.3	HEPATITIS B	1		1	0-4	5	
070.51	HEPATITIS C	50	49		***	200	154
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	1				1	2
084	MALARIA	2	3	1	0-3	6	4
086	TRYPANOSOMA CRUZI				***		
088.81	L YME DISEASE				***		
123.4	DIPHYLLOBOTHRIUM SPP				***		1
124	TRICHINOSIS			0	0-0		
130.9	TOXOPLASMOSES	2			***	9	2
283.11	HEMOLYTIC UREMIC SYNDROME				***		
320.0	BAC. MENINGITIS - HAEM	1		0	0-1	1	
320.1	BAC. MENINGITIS - PNEUM	1		0	0-1	2	
320.2	BAC. MENINGITIS - STREP	2		1	0-3	3	
320.3	BAC. MENINGITIS - STAPH			0	0-0		1
320.7	BAC. MENINGITIS - LISTERIA						
320.82	BAC. MENINGITIS - E. COLI			0	0-1		
320.9	BAC. MENINGITIS - OTHER			0	0-0		
323.9	OTHER ENCEPHALITIS			0	0-0		
331.81	REYE'S SYNDROME				***		
391	RHEUMATIC FEVER				***		
480.8	HANTAVIRUS				***		
481	STREPTOCOCCUS PNEUMONIAE		1		***		2
482.83	LEGIONELLA			0	0-1	1	1
580.0	STREPT. GLOMERULONEPHRITIS				***		
711.0	STREP. PNEUM. ARTHRITIS				***	1	
728.86	NECROTIZING FASCITIS				***	3	
729.1	NECROTIZING MYOSITIS				***		
771.0	RUBELLA CONGENITAL			0	0-0		
785.5	STAPHYLOCOCCUS AUREUS				***		
A83.0	JAPANESE ENCEPHALITIS				***		
B95.6	MRSA/VRSA	23	22		***	100	117
B96.8	VANCOMYCIN R. ENTEROCOCCI	1	21		***	2	26
V02.4	DIPH. CARRIERS			0	0-0		
		161	174			647	603

* 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 April 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		1		1	4	1		1		1	1		2			1	3			18
006.9	AMEBIASIS									1						2		1		1					5
007.1	GIARDIA LAMBLIA		1		2									1		1	1	1	3		1				11
007.8	CRYPTOSPORIDIOSIS						1					2													3
008.0	E. COLI 0157		1	2		1		1		1	1		1										2		10
008.43	CAMPYLOBACTER	1				1					1		1	1	1	2	1								9
008.44	YERSINIA ENTEROCOLITICA									2															2
010	TUBERCULOSIS-PRIM.			1																					1
011	TUBERCULOSIS - RESP.								1				2	1	2			1		1	1				9
013	TUBERCULOSIS - NON-RESP.											1													1
033.0	PERTUSSIS		1																						1
038.2	STREP.PNEUMOCOCCAL SEPTIC				1	1												1				1	1		5
070.1	HEPATITIS A															1					1	1			3
070.51	HEPATITIS C	1									1	1		2	3	11	8	10	1	3	3	2	3		49
084	MALARIA											1				1		1							3
481	STREP. PNEUMONIAE PNEUMON				1																				1
B95.6	MRSA/VRSA		2				1							1	1		1			2	1	5	8		22
B96.8	VANCOMYCIN RES. ENTER.															1		2		2	8	8			21
		2	5	4	5	3	3	1	1	6	6	3	6	5	6	11	17	12	18	3	11	22	21		174

SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR April 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	7	3							2		4	1					1					18
006.9	AMEBIASIS	2				1				1		1											5
007.1	GIARDIA LAMBLIA	6				1				2		1							1				11
007.8	CRYPTOSPORIDIOSIS				1			1					1										3
008.0	E. COLI 0157	4			1			2		1		2											10
008.43	CAMPYLOBACTER	3	2			1				1		1						1					9
008.44	YERSINIA ENTEROCOLITICA											2											2
010	TUBERCULOSIS-PRIM.																	1					1
011	TUBERCULOSIS - RESP.	1		1						1				1				5					9
013	TUBERCULOSIS - NON-RESP.	1																					1
033.0	PERTUSSIS	1																					1
038.2	STREP.PNEUMOCOCCAL SE	1						1				3											5
070.1	HEPATITIS A	3																					3
070.51	HEPATITIS C	32	1			1	3	3		4		1						1			3		49
084	MALARIA	3																					3
481	STREP. PNEUMONIAE PNEU	1																					1
B95.6	MRSA/VRSA	7		1	1	4		1				2			1	1	4						22
B96.8	VANCOMYCIN RES. ENTER.	15						2	1			1						1	1				21
		87	6	2	3	8	5	9	1	11		18	3	1	1	13	2	1	3				174
Missing Investigation Forms (Jan.1 to end of March)		29	3	1		1	3	2	2		1		1	2			1	1					47

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

STD Infection Summary Report - April 2003

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2002	2003	2002	2003
All Chlamydia Infections	299	303	1179	1244
All Gonorrhea Infections (including PRNG)	40	55	193	250
All Syphilis Infections	3	7	9	26
Gonorrhea & Chlamydia Co-infections	11	28	62	102
Penicillin Resistant Gonorrhea Infections (PRNG)			1	2
Suspect PRNG				
HIV	4	11	22	31

Total Number of STD Cases by Age and Gender - April 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							3	1	87	16	65	34	24	11	22	4	2	3		2		1		275
Gonorrhea Only Cases							1		5	2	5	3	3		1	3		3					1	27
Syphilis Only Cases															2	3	1	1						7
GC and CT Cases							1		9	6	4	3	1	1		3								28
							5	1	101	24	74	40	28	12	25	13	3	7		2		1		337
HIV	2												1	1	2	3		1		1				11

Regional STD Distribution - April 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	140	15	2	14		5		10		12		8		10	1	18	49	17		2		303
All Gonorrhea Infections	31	1		1					1	4						2	12	2		1		55
All Syphilis Infections	7																					7
GC and CT Infections	13	1		1						2							9	1		1		28

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

13	3	2	2			2			1		1				1	6	3	1			35
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* F=Federal Jurisdiction (includes First Nations and Inuit Health Branch and Stony Mountain Penitentiary) P=Provincial Jurisdiction