



Health

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TO: Distribution List

Dear Colleague,

Please find attached a copy of "**Summary of Communicable Diseases for the Month of May 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, **189** cases across 23 communicable diseases (excluding sexually transmitted diseases) were reported to the CDC Unit in May, 2003. The observed number of cases was within the expected range for most of the communicable diseases, with the exception of hepatitis A (17 cases; expected range 0-4). This exception reflects the Hepatitis A outbreak experienced in Winnipeg during May. The expected number of cases and accompanying range is based on the number of reported cases during April, May, and June, 1998-2002.

In May, 44 newly identified cases of **hepatitis C** were reported. About 70% of these cases were reported from Winnipeg. Close to half (47.7%) 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**, all in personal care homes, **2** 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, **362** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) were reported in May: 300 cases of chlamydia, 37 cases of gonorrhoea, 21 Gc-Ct co-infections, and 4 cases of syphilis. Half (50.8%) of the Gc and Ct cases were reported in females between the ages of 15 and 24, and an additional 18.7% in 15-24 year old males. Winnipeg accounted for 50% of all Gc and Ct cases provincially, with Burntwood accounting for an additional 19%. Two new cases of HIV were reported in May.

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 May 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	1		0	0-1	1	
003.0	SALMONELLA	18	8	15	7-23	90	70
004	SHIGELLOSIS			10	0-37	5	9
005.0	STAPHYLOCOCCAL			0	0-1		
005.1	BOTULISM				***		
005.2	C. PERFRINGENS	2			***	8	1
005.4	VIBRIO PARAHAE M OLYTICUS		1		***		1
005.8	B. CERFUS				***	1	
005.9	FOOD POISONING OTHER				***		
006.9	AMEBIASIS	2	1	4	1-7	17	10
007.1	GIARDIA LAMBLIA	12	6		***	47	44
007.8	CRYPTOSPORIDIOSIS	1	2		***	11	8
008.0	E. COLI VEROTOXIGENIC	10	3	3	0-8	22	38
008.43	CAMPYLOBACTER	20	9	19	4-34	68	57
008.44	YERSINIA ENTEROCOLITICA	1			***	1	3
010	TUBERCULOSIS-PRIM			1	0-4	3	6
011	TUBERCULOSIS - RESP	5	8	6	0-12	28	39
013	TUBERCULOSIS - NON-RESP	2	2	2	0-6	10	7
021.9	TULAREMIA			0	0-1		
023	BRUCELLOSIS			0	0-0		
027.0	LISTERIA MONOCYTOGENES			1	0-5	2	1
027.2	PASTEURELLA MULTOCIDA						
030.9	LEPROSY			0	0-0		
032	DIPHTHERIA CASES			0	0-0		
033.0	PERTUSSIS	4	5		***	18	10
033.1	PARAPERTUSSIS				***	2	
036.0	MENINGOCOCCAL CSE			1	0-3	2	1
036.2	MENINGOCOCCAL BLOOD			0	0-1	5	
036.82	MENINGOCOCCAL ARTHROPATH				***		
036.89	NON-MENINGITIDIS OTHER			0	0-0		1
037	TETANUS			0	0-0		
038.2	PNEUM SEPTICEMIA	10	8		***	42	26
040.89	STREPT TOXIC SHOCK				***	3	1
041.2	S PNEUM OTHER		1		***		3
041.5	H.I.B.-NON MTGS			0	0-1		
046.1	CREUTZFELD-JACOB DISEASE				***	1	1
047.0	VIRAL MENINGITIS-COXSACK			0	0-1	2	
047.1	VIRAL MENINGITIS-ECHO			1	0-4		3
047.8	VIRAL MENINGITIS-ENTERO				***	1	
047.9	VIRAL MENINGITIS-UNSPEC			1	0-3		
054.3	ENCEPHALITIS	1		0	0-1	2	
054.72	VIRAL MENINGITIS-H SIMP		1		***		2
054.8	HERPES-W-UNSPEC.COMPL			0	0-0		
055.9	MEASLES		1	0	0-0	1	1
056.9	RUBELLA				***		
062.1	W. EQUINE ENCEPHALITIS			0	0-0		
065.4	DENGUE FEVER	1		0	0-1	3	
066.3	WEST NILE VIRUS			0	0-0		
070.1	HEPATITIS A	1	17	1	0-4	8	23
070.3	HEPATITIS B		1	1	0-3	5	1
070.51	HEPATITIS C	44	44		***	244	198
070.59	VIRAL HEP OTHER				***		
072.9	MUMPS			0	0-1		
073.9	PSITTACOSIS			0	0-0		
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				2	2
084	MALARIA	2	1	1	0-3	8	5
086	TRYPANOSOMA CRUZI				***		
088.81	L YME DISEASE				***		
123.4	DIPHYLLOBOTHRIUM SPP				***		1
124	TRICHINOSIS			0	0-0		
130.9	TOXOPLASMOSES	4	1		***	13	3
283.11	HEMOLYTIC UREMIC SYNDROME				***		
320.0	BAC. MENINGITIS - HAEM			0	0-1	1	
320.1	BAC. MENINGITIS - PNEUM			1	0-3	2	
320.2	BAC. MENINGITIS - STREP	1		0	0-2	4	
320.3	BAC. MENINGITIS - STAPH			0	0-1		1
320.7	BAC. MENINGITIS - LISTERIA						
320.82	BAC. MENINGITIS - E. COLI			0	0-1		
320.9	BAC. MENINGITIS - OTHER			0	0-1		
323.9	OTHER ENCEPHALITIS		1	0	0-0		1
331.81	REYE'S SYNDROME				***		
391	RHEUMATIC FEVER				***		
480.8	HANTAVIRUS				***		
481	STREPTOCOCCUS PNEUMONIAE		1		***		3
482.83	LEGIONELLA			0	0-0	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	30	33		***	130	150
B96.8	VANCOMYCIN R. ENTEROCOCCI		36		***	2	62
V02.4	DIPH. CARRIERS			0	0-0		
		173	191			820	794

* 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 May 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			8
005.4	VIBRIO PARAHAEMOLYTICUS															1										1
006.9	AMEBIASIS											1														1
007.1	GIARDIA LAMBLIA						1						1			1		1		1			1			6
007.8	CRYPTOSPORIDIOSIS							1												1						2
008.0	E. COLI 0157	1														1	1									3
008.43	CAMPYLOBACTER			1						1		1		1		1		1	1				2			9
011	TUBERCULOSIS - RESP.															1	2	2				3				8
013	TUBERCULOSIS - NON-RESP.											1				1										2
033.0	PERTUSSIS	2				1	1	1																		5
038.2	STREP.PNEUMOCOCCAL SEPTIC		1	1	1													1	2					2		8
041.2	STREP.PNEUM.OTHER																					1				1
054.72	VIRAL MENINGITIS-H SIMP									1																1
055.9	MEASLES									1																1
070.1	HEPATITIS A									1	1	1	1	1				3		4		3	2			17
070.3	HEPATITIS B									1																1
070.51	HEPATITIS C									1	1	1	1	1	6	6	10	9	3	1		3		1		44
084	MALARIA																				1					1
127.2	STRONGYLOIDIASIS				1																					1
130.9	TOXOPLASMOSIS														1											1
323.9	ENCEPHALITIS OTHER	1																								1
481	STREP. PNEUMONIAE PNEUMON				1																					1
B95.6	MRSA/VRSA	2			2				1		1	1				1	1			1	1	11	11			33
B96.8	VANCOMYCIN RES. ENTER.		1										1		1	3	2	1	4	1	1	9	12			36
		6	2	4	5	1	3	2	1	5	3	6	4	3	4	14	16	18	17	11	8	27	31			192

SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR May 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	3			3		1						1										8
005.4	VIBRIO PARAHAEMOLYTICUS	1																					1
006.9	AMEBIASIS																	1					1
007.1	GIARDIA LAMBLIA	3	1							1						1							6
007.8	CRYPTOSPORIDIOSIS		1				1																2
008.0	E. COLI 0157	1							1				1										3
008.43	CAMPYLOBACTER	4	1	1								3											9
011	TUBERCULOSIS - RESP.	4																4					8
013	TUBERCULOSIS - NON-RESP.	1																1					2
033.0	PERTUSSIS	4						1															5
038.2	STREP.PNEUMOCOCCAL SE	2						2	1							1	2						8
041.2	STREP.PNEUM.OTHER	1																					1
054.72	VIRAL MENINGITIS-H SIMP																				1		1
055.9	MEASLES	1																					1
070.1	HEPATITIS A	16					1																17
070.3	HEPATITIS B	1																					1
070.51	HEPATITIS C	31	1						4	2						1		2	1	2			44
084	MALARIA	1																					1
127.2	STRONGYLOIDIASIS				1																		1
130.9	TOXOPLASMOSIS	1																					1
323.9	ENCEPHALITIS OTHER	1																					1
481	STREP. PNEUMONIAE PNEU	1																					1
B95.6	MRSA/VRSA	18	2				2		1	1						2	4			1	2		33
B96.8	VANCOMYCIN RES. ENTER.	25		1					4	2			1		1		1	1					36
		120	6	2	4		5	3	11	6		5	1		1	5	12	4	2	5			192
Missing Investigation Forms (Jan.1 to end of April)		35	3	2		1	4	2	4	6		3	2		1	1							64

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

STD Infection Summary Report - May 2003

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2002	2003	2002	2003
All Chlamydia Infections	303	319	1482	1563
All Gonorrhea Infections (including PRNG)	51	58	244	308
All Syphilis Infections	1	5	10	31
Gonorrhea & Chlamydia Co-infections	20	21	82	123
Penicillin Resistant Gonorrhea Infections (PRNG)			1	2
Suspect PRNG				
HIV	5	2	27	33

Total Number of STD Cases by Age and Gender - May 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		88	17	70	34	29	18	21	8	4	5				1		298
Gonorrhea Only Cases									6	1	7	10	3	1	2	4		1		1		1		37
Syphilis Only Cases															2	1		1				1		5
GC and CT Cases							3		6	1	3	4	2	1								1		21
							6		100	19	80	48	34	20	25	13	4	7		1	1	3		361
HIV												1				1								2

Regional STD Distribution - May 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	160	15	7	5		4	1	11	1	10		6	2	8	2	21	35	27	1	2	1	319
All Gonorrhea Infections	30	1	3	2		1		1	1	3		1			6	3	6					58
All Syphilis Infections	3			1																1		5
GC and CT Infections	10		1			1		1		1					4	1	2					21

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

16	4	3	3			2	1	4		2				2	7	6	1			51
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* F=Federal Jurisdiction (includes First Nations and Inuit Health Branch and Stony Mountain Penitentiary) P=Provincial Jurisdiction