

Manitoba



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TO: Distribution List

Dear Colleague,

Please find attached a copy of "**Summary of Communicable Diseases for the Month of August 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, **165** cases across 24 communicable diseases (excluding sexually transmitted diseases) were reported to the CDC Unit in August, 2003. The observed number of cases was within the expected range for most of the communicable diseases, with the exception of listeria monocytogenes (2 cases; expected range of 0), staphylococcal (1 cases; expected range of 0), and bacterial meningitis – pneumonia (2 cases; expected range of 0). The expected number of cases and accompanying range is based on the number of reported cases during July, August, and September 1998-2002.

In August, 18 newly identified cases of **hepatitis C** were reported. About 55% of these cases were reported from the Winnipeg Regional Health Authority (WRHA). Just over half (55%) of the new cases were reported for males, mostly in the 30-49 year age group.

Sexually Transmitted Diseases

In total, **256** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) were reported in August: 193 cases of chlamydia, 36 cases of gonorrhoea, 21 Gc-Ct co-infections, and 6 cases of syphilis. Almost half (45.6%) of the Gc and Ct cases were reported in females between the ages of 15 and 24, and an additional 22% in 15-24 year old males. Winnipeg accounted for almost half (49%) of all Gc and Ct cases provincially. Five new cases of HIV were reported in August.

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 August 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	1	1
003.0	SALMONELLA	21	14	21	6-36	143	115
004	SHIGELLOSIS	4	2	9	0-32	11	15
005.0	STAPHYLOCOCCAL		1	0	0-0		1
005.1	BOTULISM				***		
005.2	C. PERFRINGENS	1			***	13	2
005.4	VIBRIO PARAHAE M OLYTICUS				***		1
005.8	B. CEREUS				***	4	1
005.9	FOOD POISONING OTHER				***	5	
006.9	AMEBIASIS	1	1	2	0-5	22	14
007.1	GIARDIA LAMBLIA	20	15		***	93	79
007.8	CRYPTOSPORIDIOSIS	10	7		***	24	26
008.0	E. COLI VEROTOXIGENIC	15	13	6	0-14	64	65
008.43	CAMPYLOBACTER	25	24	28	16-40	136	110
008.44	YERSINIA ENTEROCOLITICA	1			***	3	6
010	TUBERCULOSIS-PRIM	1		2	0-6	10	8
011	TUBERCULOSIS - RESP	1	8	5	0-11	39	60
013	TUBERCULOSIS - NON-RESP	1	2	2	0-4	16	17
021.9	TUBERCULOSIS			0	0-1	1	
023	BRUCELLOSIS			0	0-1		
027.0	LISTERIA MONOCYTOGENES	1	2	0	0-1	3	4
027.2	PASTEURELLA MULTOCIDA						
030.9	LEPROSY			0	0-1		
032	DIPHTHERIA CASES			0	0-0		
033.0	PERTUSSIS	12	5		***	41	24
033.1	PARAPERTUSSIS				***	3	
036.0	MENINGOCOCCAL CSE		1	0	0-2	5	2
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	5	3		***	62	43
040.89	STREPT. TOXIC SHOCK				***	3	1
041.2	S. PNEUM. OTHER				***		3
041.5	H. I. B. -NON MITGS			0	0-1		
046.1	CREUTZFELD-JACOB DISEASE				***	1	1
047.0	VIRAL MENINGITIS-COXSACK	6	1	2	0-6	10	1
047.1	VIRAL MENINGITIS-ECHO	1	5	7	0-28	8	18
047.8	VIRAL MENINGITIS-ENTERO	6	6		***	15	9
047.9	VIRAL MENINGITIS-UNSPEC.		1	2	0-11		1
054.3	ENCEPHALITIS			0	0-0	2	
054.72	VIRAL MENINGITIS-H. SIMP	1			***	1	2
054.8	HERPES-W-UNSPEC. COMPI			0	0-0		1
055.9	MEASLES		1	0	0-0	1	2
056.9	RUBELLA				***		
062.1	W. EQUINE ENCEPHALITIS			0	0-0		
065.4	DENGUE FEVER			0	0-1	3	
066.3	WEST NILE VIRUS			0	0-0		
070.1	HEPATITIS A	1	1	1	0-3	11	30
070.3	HEPATITIS B	1	1	1	0-3	7	2
070.51	HEPATITIS C	48	29		***	372	306
070.59	VIRAL HEP. OTHER				***		
072.9	MUMPS			0	0-1	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				6	2
084	MALARIA	3		1	0-3	14	6
086	TRYPANOSOMA CRUZI				***		
088.81	L YME DISEASE				***		
123.4	DIPHYLLOBOTHRIUM SPP		1		***		4
124	TRICHINOSIS			0	0-0		
130.9	TOXOPLASMOSES				***	25	3
283.11	HEMOLYTIC UREMIC SYNDROME				***	1	
320.0	BAC. MENINGITIS - HAEM			0	0-0	1	
320.1	BAC. MENINGITIS - PNEUM		2	0	0-1	2	2
320.2	BAC. MENINGITIS - STREP			0	0-1	7	
320.3	BAC. MENINGITIS - STAPH			0	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		1
331.81	REYE'S SYNDROME				***		
391	RHEUMATIC FEVER				***		
480.8	HANTAVIRUS				***		
481	STREPTOCOCCUS PNEUMONIAE	1			***	1	3
482.83	LEGIONELLA			0	0-0	1	2
580.0	STREPT. GLOMERULONEPHRITIS				***		
711.0	STREP. PNEUM. ARTHRITIS				***	1	
728.86	NECROTIZING FASCITIS	1	1		***	4	1
729.1	NECROTIZING MYOSITIS				***		
771.0	RUBELLA CONGENITAL			0	0-0		
785.5	STAPHYLOCOCCUS AUREUS				***		
A83.0	JAPANESE ENCEPHALITIS				***		
B95.6	MRSA/VRSA	31	59		***	191	288
B96.8	VANCOMYCIN R. ENTEROCOCCI		9		***	4	112
V02.4	DIPH. CARRIERS			0	0-0		
		220	215			1397	1397

* 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 August 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	2			1	4	1	2	1		14	
004	SHIGELLOSIS																1				1			2	
005.0	STAPHYLOCOCCAL AUREUS																			1				1	
006.9	AMEBIASIS																	1						1	
007.1	GIARDIA LAMBLIA			1			1			2	1			1	1		1	4		1	1	1		15	
007.8	CRYPTOSPORIDIOSIS					3	1		2						1									7	
008.0	E. COLI 0157		1		4			1	1		1			1	1		1	1	1					13	
008.43	CAMPYLOBACTER			1	1		1		2	1	2		1	1	1		2		3		2	4	2	24	
011	TUBERCULOSIS - RESP.												1		2	1		1	2		1			8	
013	TUBERCULOSIS - NON-RESP.													1									1	2	
027.0	LISTERIA MONOCYTOGENES																						2	2	
033.0	PERTUSSIS	2			1				1							1								5	
036.0	BAC.MGTS-NMGTS(MGCCL MGTS)													1										1	
038.2	STREP.PNEUMOCOCCAL SEPTIC	1																		1		1		3	
047.0	VIRAL MENINGITIS-COXSACK																					1		1	
047.1	VIRAL MENINGITIS-ECHO	1	1						1	1								1						5	
047.8	VIRAL MENINGITIS-ENTERO	1	2				1			1					1									6	
047.9	VIRAL MENINGITIS-UNSPEC																	1						1	
055.9	MEASLES			1																				1	
070.1	HEPATITIS A																						1	1	
070.3	HEPATITIS B													1										1	
070.51	HEPATITIS C											1	1		2	5	6	7	2	3	1		1	29	
123.4	DIPHYLLOBOTHRIUM																	1						1	
127.2	STRONGYLOIDIASIS																		1					1	
320.1	BAC. MENINGITIS - PNEUM																					2		2	
728.86	NECROTIZING FASCIITIS															1								1	

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		
B95.6	MRSA/VRSA	1	1	3	1	3			2			2		1		1	4	2	1	5	1	15	16		59
B96.8	VANCOMYCIN RES. ENTER.															1		3	2		2	1			9
		6	6	6	7	6	4		8	3	6	4	4	5	7	11	13	12	26	15	11	29	26		216

SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR August 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			3	1		1		1				1		14
004	SHIGELLOSIS	2																					2
005.0	STAPHYLOCOCCAL AUREUS	1																					1
006.9	AMEBIASIS	1																					1
007.1	GIARDIA LAMBLIA	8	1		2		1		1			1											15
007.8	CRYPTOSPORIDIOSIS	1	1				1				3						1						7
008.0	E. COLI 0157	3	1		1		1		3		3					1							13
008.43	CAMPYLOBACTER	5	1				3		4		2				5		1		1	1			24
011	TUBERCULOSIS - RESP.	4					1											3					8
013	TUBERCULOSIS - NON-RESP.	1																1					2
027.0	LISTERIA MONOCYTOGENES				1									1									2
033.0	PERTUSSIS	4					1																5
036.0	BAC.MGTS-NMGTS(MGCCL M								1														1
038.2	STREP.PNEUMOCOCCAL SE	2			1																		3
047.0	VIRAL MENINGITIS-COXSACK		1																				1
047.1	VIRAL MENINGITIS-ECHO	3								1				1									5
047.8	VIRAL MENINGITIS-ENTERO	4					1							1									6
047.9	VIRAL MENINGITIS-UNSPEC													1									1
055.9	MEASLES				1																		1
070.1	HEPATITIS A	1																					1
070.3	HEPATITIS B	1																					1
070.51	HEPATITIS C	15	1		2			3	1		4				1		1			1			29
123.4	DIPHYLLOBOTHRIUM	1																					1
127.2	STRONGYLOIDIASIS	1																					1
320.1	BAC. MENINGITIS - PNEUM	1							1														2
728.86	NECROTIZING FASCIITIS	1																					1
B95.6	MRSA/VRSA	32			2		3		1				1			3	4	8	4			1	59
B96.8	VANCOMYCIN RES. ENTER.	5							2								1	1					9

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

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						
Case Referred to:*																							
		102	6	1	9		12	3	15		15		11	1	6	3	8	15	7		1	1	216
Missing Investigation Forms (Jan.1 to end of July)		102	7	3		1	5	4	8		7		6	3		5	5	3					159

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

STD Infection Summary Report - August 2003

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2002	2003	2002	2003
All Chlamydia Infections	238	290	2271	2471
All Gonorrhea Infections (including PRNG)	53	82	381	538
All Syphilis Infections	3	6	17	43
Gonorrhea & Chlamydia Co-infections	21	33	136	214
Penicillin Resistant Gonorrhea Infections (PRNG)			1	3
Suspect PRNG				
HIV	9	13	48	68

Total Number of STD Cases by Age and Gender - August 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							12		75	20	55	31	22	16	15	7	1	2					1	257
Gonorrhea Only Cases							1		9	4	6	5	4	3	2	9	2	3		1				49
Syphilis Only Cases												1	1						1	3				6
GC and CT Cases									10	9	5	6		2		1								33
							13		94	33	66	43	27	21	17	17	3	5	1	4				345
HIV			1											1	1	3	4	1	1				1	13

Regional STD Distribution - August 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	130	17	13	8		4	2	9	1	11		5	1	15	1	19	27	24	2		1	290
All Gonorrhea Infections	46	1	7	2						4		1		2		4	10	4		1		82
All Syphilis Infections	6																					6
GC and CT Infections	15		6							1				2		1	6	2				33

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

27	12	3	8		1	2	1	1	7		4	1	1		4	16	9	1	2		100
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* F=Federal Jurisdiction (includes First Nations and Inuit Health Branch and Stony Mountain Penitentiary) P=Provincial Jurisdiction