



## Health

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## Santé

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TO: Distribution List

Dear Colleague,

Please find attached a copy of "**Summary of Communicable Diseases for the Month of July 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, **186** cases across 21 communicable diseases (excluding sexually transmitted diseases) were reported to the CDC Unit in July, 2003. The observed number of cases was within the expected range for most of the communicable diseases, with the exception of non-respiratory tuberculosis (7 cases; expected range 0-6). The expected number of cases and accompanying range is based on the number of reported cases during June, July, and August, 1998-2002.

In July, 38 newly identified cases of **hepatitis C** were reported. Just under two-thirds (63%) of these cases were reported from the Winnipeg Regional Health Authority (WRHA). About 58% of the new cases were reported for males, mostly in the 30-49 year age group.

### Sexually Transmitted Diseases

In total, **352** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) were reported in July: 274 cases of chlamydia, 50 cases of gonorrhoea, 25 Gc-Ct co-infections, and 3 cases of syphilis. Almost half (48.1%) of the Gc and Ct cases were reported in females between the ages of 15 and 24, and an additional 17% in 15-24 year old males. Winnipeg accounted for half (51.9%) of all Gc and Ct cases provincially, with Burntwood accounting for an additional 17%. Fourteen new cases of HIV were reported in July, mostly 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](mailto: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 Julv 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	15	15	20	3-37	122	101
004	SHIGELLOSIS	2	3	11	0-39	7	13
005.0	STAPHYLOCOCCAL			0	0-0		
005.1	BOTULISM				***		
005.2	C. PERFRINGENS	1			***	12	2
005.4	VIBRIO PARAHAE M OLYTICUS				***		1
005.8	B. CERFUS	2			***	4	1
005.9	FOOD POISONING OTHER	3			***	5	
006.9	AMEBIASIS	2	2	3	0-7	21	13
007.1	GIARDIA LAMBLIA	15	12		***	73	64
007.8	CRYPTOSPORIDIOSIS	2	6		***	14	19
008.0	E. COLI VEROTOXIGENIC	12	6	6	0-13	49	52
008.43	CAMPYLOBACTER	29	18	26	10-42	111	86
008.44	YERSINIA ENTEROCOLITICA		1		***	2	6
010	TUBERCULOSIS-PRIM	6		2	0-6	9	8
011	TUBERCULOSIS - RESP	4	3	6	0-12	38	52
013	TUBERCULOSIS - NON-RESP	4	7	2	0-6	15	15
021.9	TUBERCULOSIS			0	0-1	1	
023	BRUCELLOSIS			0	0-1		
027.0	LISTERIA MONOCYTOGENES			1	0-5	2	2
027.2	PASTEURELLA MULTOCIDA						
030.9	LEPROSY			0	0-0		
032	DIPHTHERIA CASES			0	0-0		
033.0	PERTUSSIS	7	5		***	29	19
033.1	PARAPERTUSSIS	1			***	3	
036.0	MENINGOCOCCAL CSE	3		0	0-2	5	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	11	6		***	57	40
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	2		2	0-6	4	
047.1	VIRAL MENINGITIS-ECHO	7	10	5	0-23	7	13
047.8	VIRAL MENINGITIS-ENTERO	6	1		***	9	3
047.9	VIRAL MENINGITIS-UNSPEC.			2	0-9		
054.3	ENCEPHALITIS			0	0-0	2	
054.72	VIRAL MENINGITIS-H. SIMP				***		2
054.8	HERPES-W-UNSPEC. COMPI		1	0	0-0		1
055.9	MEASLES			0	0-0	1	1
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	2	1	0-3	10	29
070.3	HEPATITIS B	1		1	0-3	6	1
070.51	HEPATITIS C	45	36		***	324	277
070.59	VIRAL HEP. OTHER				***		
072.9	MUMPS			0	0-1	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	2				5	2
084	MALARIA	2	1	1	0-3	11	6
086	TRYPANOSOMA CRUZI				***		
088.81	L YME DISEASE				***		
123.4	DIPHYLLOBOTHRIUM SPP		1		***		3
124	TRICHINOSIS			0	0-0		
130.9	TOXOPLASMOSES	7			***	25	3
283.11	HEMOLYTIC UREMIC SYNDROME				***	1	
320.0	BAC. MENINGITIS - HAEM			0	0-1	1	
320.1	BAC. MENINGITIS - PNEUM			1	0-2	2	
320.2	BAC. MENINGITIS - STREP	2		0	0-1	7	
320.3	BAC. MENINGITIS - STAPH			0	0-1		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				***		3
482.83	LEGIONELLA			0	0-0	1	2
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	16	45		***	160	229
B96.8	VANCOMYCIN R. ENTEROCOCCI	1	14		***	4	103
V02.4	DIPH. CARRIERS			0	0-0		
		<b>211</b>	<b>195</b>			<b>1177</b>	<b>1182</b>

\* 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 July 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				2			2	2	3	1	3			1		15
004	SHIGELLOSIS					1										2									3
006.9	AMEBIASIS				1													1							2
007.1	GIARDIA LAMBLIA				1				2				2	2		2	1	1	1						12
007.8	CRYPTOSPORIDIOSIS			1	1	1	1	1												1					6
008.0	E.COLI 0157			3		1			1											1					6
008.43	CAMPYLOBACTER				2	1			1			2	5					1	2	1	1	2			18
008.44	YERSINIA ENTEROCOLITICA																				1				1
011	TUBERCULOSIS - RESP.															1		1					1		3
013	TUBERCULOSIS - NON-RESP.									1	1			2						1	1	1			7
033.0	PERTUSSIS					1	2											1				1			5
038.2	STREP.PNEUMOCOCCAL SEPTIC				1			1								1				1	1	1			6
047.1	VIRAL MENINGITIS-ECHO		1			1	1	1	2	2		1				1									10
047.8	VIRAL MENINGITIS-ENTERO				1																				1
054.8	HERPES-W-UNSPEC COMPL									1															1
070.1	HEPATITIS A					1												1							2
070.51	HEPATITIS C										1		1	3	4	8	6	4	2	4	1	1		1	36
084	MALARIA																1								1
123.4	DIPHYLLOBOTHRIUM												1												1
B95.6	MRSA/VRSA		1			1				1	1	1				1	1		5	3	11	18	1		45
B96.8	VANCOMYCIN RES. ENTER.									1		1		1	1	2		1	1		2	4			14
			2	4	7	4	6	5	7	2	4	6	11	4	6	12	16	16	10	12	11	19	29		195

**SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR July 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						1	1				15
004	SHIGELLOSIS	3																					3
006.9	AMEBIASIS	1								1													2
007.1	GIARDIA LAMBLIA	7			1		2				1				1								12
007.8	CRYPTOSPORIDIOSIS	1	1							1			2				1						6
008.0	E.COLI 0157	1			1		1		2		1												6
008.43	CAMPYLOBACTER	4	1		1		1		5		3		1		1								18
008.44	YERSINIA ENTEROCOLITICA	1																					1
011	TUBERCULOSIS - RESP.	1									1						1						3
013	TUBERCULOSIS - NON-RESP.	5			1												1						7
033.0	PERTUSSIS	3			1				1														5
038.2	STREP.PNEUMOCOCCAL SE	5			1																		6
047.1	VIRAL MENINGITIS-ECHO	3		1		1		1	2		1	1											10
047.8	VIRAL MENINGITIS-ENTERO																	1					1
054.8	HERPES-W-UNSPEC COMPL																1						1
070.1	HEPATITIS A	1													1								2
070.51	HEPATITIS C	24	4		1	2			1				1		1			2					36
084	MALARIA	1																					1
123.4	DIPHYLLOBOTHRIUM	1																					1
B95.6	MRSA/VRSA	34	2								3		1		1	3						1	45
B96.8	VANCOMYCIN RES. ENTER.	7		2				1	1		1				2								14
		<b>113</b>	<b>8</b>	<b>3</b>	<b>1</b>		<b>10</b>	<b>2</b>	<b>6</b>	<b>14</b>	<b>1</b>	<b>11</b>	<b>1</b>	<b>5</b>		<b>7</b>	<b>8</b>	<b>4</b>				<b>1</b>	<b>195</b>
Missing Investigation Forms (Jan.1 to end of June)		73	6	2		1	4	4	7	6		5	2			2	4	2					118

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

## STD Infection Summary Report - July 2003

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2002	2003	2002	2003
All Chlamydia Infections	284	296	2033	2181
All Gonorrhea Infections (including PRNG)	44	76	328	456
All Syphilis Infections	1	3	14	37
Gonorrhea & Chlamydia Co-infections	16	25	115	181
Penicillin Resistant Gonorrhea Infections (PRNG)		1	1	3
Suspect PRNG				
HIV	8	14	39	55

## Total Number of STD Cases by Age and Gender - July 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							5		75	24	63	23	25	26	10	8	3	7	1	1				271
Gonorrhea Only Cases							2		8	4	7	4	7		5	9		4					1	51
Syphilis Only Cases																		1			1	1		3
GC and CT Cases							2		7	3	6	1	1	4		1								25
							9		90	31	76	28	33	30	15	18	3	12	1	1	1	1		350
HIV		1										2				3	5	1			1		1	14

## Regional STD Distribution - July 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	152	16	7	7		4		7		8		11		9	1	13	40	18	1	2		296
All Gonorrhea Infections	44	3	8	3						3				1		3	7	1		3		76
All Syphilis Infections	3																					3
GC and CT Infections	13	1	2	2										1			6					25

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

20	7	3	7		1	2	1	1	7		4	1		4	15	6	1	1		81
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\* F=Federal Jurisdiction (includes First Nations and Inuit Health Branch and Stony Mountain Penitentiary) P=Provincial Jurisdiction