



Health

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Dear Colleague,

Please find attached a copy of “**Summary of Communicable Diseases for the Month of October 2003**” for your review.

Communicable Disease

In total, **223** cases across 22 communicable diseases (excluding sexually transmitted diseases) were reported to the CDC Unit in October 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 is based on the number of reported cases during September, October, and November, 1998-2002.

Sexually Transmitted Infections & Blood-Borne Pathogens

In total, **426** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) were reported in October: 337 cases of chlamydia (Ct), 47 cases of gonorrhoea (Gc), 39 Gc-Ct co-infections, and 3 cases of syphilis. More than two-thirds of the Gc and Ct cases were reported in females, mostly between the ages of 15 and 24. Winnipeg accounted for half (53%) of all Gc and Ct cases provincially, with Burntwood RHA accounting for an additional 17%.

In October **48** newly identified cases of **hepatitis C** were reported, 87% of which were reported from the Winnipeg Regional Health Authority (WRHA). For females, the majority of new cases were in the 30-39 year age group, while the 40-49 year age group accounted for the majority of new cases among males. Nine new cases of HIV were reported in October, bringing the year-to-date total to 91 new cases.

Please feel free to contact me directly should you have any comments or questions about the content of this summary at CaBeaudoin@gov.mb.ca.

Cheers,

Carole Beaudoin, BA, MSc, PhD
Epidemiologist for Communicable Diseases

SUMMARY OF COMMUNICABLE DISEASE FOR October 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	18	23	14	4-24	179	158
004	SHIGELLOSIS	2	1	8	0-28	13	18
005.0	STAPHYLOCOCCAL			0	0-0		1
005.1	BOTULISM				***		
005.2	C. PERFRINGENS	4			***	18	10
005.4	VIBRIO.PARAHAEVOLYTICUS				***		1
005.8	B. CEREBUS				***	4	2
005.9	FOOD POISONING.OTHER				***	8	
006.9	AMEBIASIS		1	2	0-5	23	17
007.1	GIARDIA LAMBLIA	18	7		***	134	96
007.8	CRYPTOSPORIDIOSIS	3	2		***	33	35
008.0	E. COLI.VEROTOXIGENIC	3	4	2	0-5	74	76
008.43	CAMPYLOBACTER	27	15	22	9-35	193	154
008.44	YERSINIA ENTEROCOLITICA		1		***	3	7
010	TUBERCULOSIS-PRIM	1	2	1	0-3	11	10
011	TUBERCULOSIS - RESP	4	5	6	0-13	48	68
013	TUBERCULOSIS - NON-RESP	2	2	3	0-6	21	21
021.9	TULAREMIA			0	0-0	1	
023	BRUCELLOSIS			0	0-0		
027.0	LISTERIA MONOCYTOGENES			0	0-2	3	4
027.2	PASTEURELLA MULTOCIDA						
030.9	LEPROSY			0	0-1		
032	DIPHTHERIA CASES			0	0-0		
033.0	PERTUSSIS	10	10		***	63	41
033.1	PARAPERTUSSIS	1			***	5	
036.0	MENINGOCOCCAL CSE			0	0-1	5	2
036.2	MENINGOCOCCAL BLOOD	2		0	0-1	7	
036.82	MENINGOCOCCAL ARTHROPATH				***		
036.89	N.MENINGITIDIS.OTHER	1	1	0	0-1	1	2
037	TETANUS			0	0-0		1
038.2	PNEUM. SEPTICEMIA	11	13		***	79	60
040.89	STREPT TOXIC SHOCK				***	3	1
041.2	S.PNEUM.OTHER				***		7
041.5	H.I.B.-NON MTGS	1		0	0-1	1	
046.1	CREUTZFELD-JACOB DISEASE				***	1	1
047.0	VIRAL MENINGITIS-COXSACK			0	0-1	10	1
047.1	VIRAL MENINGITIS-ECHO		4	4	0-20	13	33
047.8	VIRAL MENINGITIS-ENTERO	1			***	16	9
047.9	VIRAL MENINGITIS-UNSPEC.			1	0-8		1
054.3	ENCEPHALITIS			0	0-0	2	
054.72	VIRAL MENINGITIS-H.SIMP	1			***	2	2
054.8	HERPES-W-UNSPEC.COMPL			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	0-0	3	
066.3	WEST NILE VIRUS			0	0-0		
070.1	HEPATITIS A	4	1	1	0-4	18	33
070.3	HEPATITIS B	1		1	0-3	9	2
070.51	HEPATITIS C	47	48		***	456	390
070.59	VIRAL HEP.OTHER				***		
072.9	MUMPS			0	0-1	1	
073.9	PSITTACOSIS			0	0-1		
081.9	TYPHUS			0	0-1		

* 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					6	3
084	MALARIA	3	2	1	0-3	19	8
086	TRYPANOSOMA CRUZI				***		
088.81	L YME DISEASE				***		
123.4	DIPHYLLOBOTHRIUM SPP		1		***		6
124	TRICHINOSIS			0	0-1		
130.9	TOXOPLASMOSES	5			***	35	3
283.11	HEMOLYTIC UREMIC SYNDROME	1			***	2	
320.0	BAC. MENINGITIS - HAFM			0	0-1	1	
320.1	BAC. MENINGITIS - PNEUM	1		1	0-3	3	2
320.2	BAC. MENINGITIS - STREP	1		0	0-1	8	
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	1		0	0-1	1	1
323.9	OTHER ENCEPHALITIS			0	0-1		1
331.81	REYE'S SYNDROME				***		
391	RHEUMATIC FEVER				***		
480.8	HANTA VIRUS				***		
481	STREPTOCOCCUS PNEUMONIAE				***	1	3
482.83	LEGIONELLA	1		0	0-1	2	2
580.0	STREPT GLOMERULONEPHRITIS				***		
711.0	STREP PNEUM ARTHRITIS				***	1	
728.86	NECROTIZING FASCITIS		1		***	5	2
729.1	NECROTIZING MYOSITIS				***		
771.0	RUBELLA CONGENITAL			0	0-0		
785.5	STAPHYLOCOCCUS AUREUS				***		
A83.0	JAPANESE ENCEPHALITIS				***		
B95.6	MRSA/VRSA	30	59		***	258	400
B96.8	VANCOMYCIN R. ENTEROCOCCI	4	20		***	13	142
V02.4	DIPH. CARRIERS			0	0-0		
		209	223			1818	1841

* 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 October 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	2	2			1	1				1		1	2		2	1	2		3	3		23
004	SHIGELLOSIS															1									1
006.9	AMEBIASIS															1									1
007.1	GIARDIA LAMBLIA			3											1	1	1						1		7
007.8	CRYPTOSPORIDIOSIS				2																				2
008.0	E. COLI 0157															1		1				1	1		4
008.43	CAMPYLOBACTER				1		1			1		1	1	1	1	2	4			2					15
008.44	YERSINIA ENTEROCOLITICA				1																				1
010	TUBERCULOSIS-PRIM.									2															2
011	TUBERCULOSIS - RESP.													1		1				2			1		5
013	TUBERCULOSIS - NON-RESP.															1		1							2
033.0	PERTUSSIS	2	1				3	1			1					1						1			10
036.89	NEISSERIA MGTS(Other)									1															1
038.2	STREP.PNEUMOCOCCAL SEPTIC		1	3	3		1														1	1	3		13
047.1	VIRAL MENINGITIS-ECHO		1										1			2									4
070.1	HEPATITIS A																				1				1
070.51	HEPATITIS C										1		6	1	9	3	2	16	1	3	2	2		2	48
084	MALARIA				1							1													2
123.4	DIPHYLLOBOTHRIUM																						1		1
728.86	NECROTIZING FASCIITIS															1									1
B95.6	MRSA/VRSA	3	2			1	2	1	1		1	1		1		1	2	3	5	4	4	12	15		59
B96.8	VANCOMYCIN RES. ENTER.	1								1											1	9	8		20
		6	7	8	10	1	7	3	2	2	5	3	3	9	4	16	18	8	24	11	10	29	35		223

SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR October 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	13	1				1		3		3				1							1		23
004	SHIGELLOSIS	1																						1
006.9	AMEBIASIS	1																						1
007.1	GIARDIA LAMBLIA	2					1				2		1		1									7
007.8	CRYPTOSPORIDIOSIS										1								1					2
008.0	E. COLI 0157		1				1		1				1											4
008.43	CAMPYLOBACTER	9							3		1		1											15
008.44	YERSINIA ENTEROCOLITICA												1											1
010	TUBERCULOSIS-PRIM.																		2					2
011	TUBERCULOSIS - RESP.	1																	3			1		5
013	TUBERCULOSIS - NON-RESP.	2																						2
033.0	PERTUSSIS	5					1				2								2					10
036.89	NEISSERIA MGTS(Other)	1																						1
038.2	STREP.PNEUMOCOCCAL SE	6	2						1		2						2							13
047.1	VIRAL MENINGITIS-ECHO	3											1											4
070.1	HEPATITIS A								1															1
070.51	HEPATITIS C	43					1				1				1		1							48
084	MALARIA	2																						2
123.4	DIPHYLLOBOTHRIUM	1																						1
728.86	NECROTIZING FASCIITIS	1																						1
B95.6	MRSA/VRSA	27	2						1		2	1	8				6	3	7	1				59
B96.8	VANCOMYCIN RES. ENTER.	15							1		2						1		1					20
		133	6				3		6	1	11	14	1	13	1	2	6	7	14	3		2		223
Missing Investigation Forms (Jan.1 to end of September)		122	9	3			1	2	5	6	1	6		6	3	1		10	7	7				189

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

STD Infection Summary Report - October 2003

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2002	2003	2002	2003
All Chlamydia Infections	289	376	2844	3168
All Gonorrhea Infections (including PRNG)	67	86	510	718
All Syphilis Infections	4	4	24	56
Gonorrhea & Chlamydia Co-infections	20	39	176	295
Penicillin Resistant Gonorrhea Infections (PRNG)			1	3
Suspect PRNG				
HIV	10	9	59	91

Total Number of STD Cases by Age and Gender - October 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							6	1	109	22	81	37	25	14	21	13	2	6						337
Gonorrhea Only Cases									9	3	8	4	2	7	2	7		3		2				47
Syphilis Only Cases																2				1	1			4
GC and CT Cases							1		13	6	5	2	5	2	1	2		2						39
							7	1	131	31	94	43	32	23	24	24	2	11		3	1			427
HIV														1		3	3	2						9

Regional STD Distribution - October 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	199	18	2	5		5	2	19		20		12		9	1	14	39	27	3	1		376
All Gonorrhea Infections	46	7	2	3		1		3		2					3	9	7		3			86
All Syphilis Infections	3					1																4
GC and CT Infections	22	3						1							2	6	3		2			39

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

27	19	4	12		1	2	3	1	6		5			6	21	7	1	1		116
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* F=Federal Jurisdiction (includes First Nations and Inuit Health Branch and Stony Mountain Penitentiary) P=Provincial Jurisdiction