



Health

Provincial Health Programs
Public Health Branch
Communicable Disease Control Unit
Fourth Floor, 300 Carlton Street
Winnipeg MB R3B 3M9
CANADA
Telephone: (204) 788-6737
Fax: (204) 948-2040

Santé

Programmes de santé provinciaux
Direction de la santé publique
Prévention des maladies transmissibles
300, rue Carlton, 4^e étage
Winnipeg MB R3B 3M9
CANADA
Téléphone: (204) 788-6737
Télécopieur: (204) 948-2040

Dear Colleague,

Please find attached a copy of "**Summary of Communicable Diseases for the Month of September 2003**" for your review.

Communicable Disease

In total, **205** cases across 21 communicable diseases (excluding sexually transmitted diseases) were reported to the CDC Unit in September 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 August, September, and October, 1998-2002.

Sexually Transmitted Infections & Blood-Borne Pathogens

In total, **381** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) were reported in September: 279 cases of chlamydia (Ct), 53 cases of gonorrhoea (Gc), 41 Gc-Ct co-infections, and 8 cases of syphilis. Almost 70% of the Gc and Ct cases were reported in females, mostly between the ages of 15 and 24. Winnipeg accounted for more than half (56%) of all Gc and Ct cases provincially, with Burntwood RHA accounting for an additional 20%.

In September **35** newly identified cases of **hepatitis C** were reported. More than two-thirds (68.6%) of these cases were reported from the Winnipeg Regional Health Authority (WRHA). Almost two-thirds (62.8%) of the new cases were reported for males, mostly in the 40-49 year age group. Fourteen new cases of HIV were reported in September, bringing the year-to-date total to 82 new cases.

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,

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

SUMMARY OF COMMUNICABLE DISEASE FOR September 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	17	18	5-31	161	135
004	SHIGELLOSIS		2	10	0-32	11	17
005.0	STAPHYLOCOCCAL			0	0-0		1
005.1	BOTULISM				***		
005.2	C. PERFRINGENS	1	8		***	14	10
005.4	VIBRIO PARAHAE M OLYTICUS				***		1
005.8	B. CEREUS		1		***	4	2
005.9	FOOD POISONING OTHER	3			***	8	
006.9	AMEBIASIS	1	1	3	0-6	23	16
007.1	GIARDIA LAMBLIA	23	5		***	116	88
007.8	CRYPTOSPORIDIOSIS	6	5		***	30	33
008.0	E. COLI VEROTOXIGENIC	6	7	4	0-11	71	72
008.43	CAMPYLOBACTER	30	23	24	12-36	166	139
008.44	YERSINIA ENTEROCOLITICA				***	3	6
010	TUBERCULOSIS-PRIM			1	0-3	10	8
011	TUBERCULOSIS - RESP	5	3	6	0-13	44	63
013	TUBERCULOSIS - NON-RESP	3	2	2	0-5	19	19
021.9	TUBERCULOSIS			0	0-1	1	
023	BRUCELLOSIS			0	0-0		
027.0	LISTERIA MONOCYTOGENES			0	0-2	3	4
027.2	PASTEURELLA MULTOCIDA			0	0-0		
030.9	L. PROSY			0	0-1		
032	DIPHTHERIA CASES			0	0-0		
033.0	PERTUSSIS	12	4		***	53	30
033.1	PARAPERTUSSIS	1			***	4	
036.0	MENINGOCOCCAL CSE			0	0-1	5	2
036.2	MENINGOCOCCAL BLOOD			0	0-1	5	
036.82	MENINGOCOCCAL ARTHROPATH				***		
036.89	NON-MENINGITIDIS OTHER			0	0-1		1
037	TETANUS		1	0	0-0		1
038.2	PNEUM. SEPTICEMIA	6	5		***	68	47
040.89	STREPT. TOXIC SHOCK				***	3	1
041.2	S. PNEUM. OTHER		4		***		7
041.5	H. I. B. -NON MTGS			0	0-1		
046.1	CREUTZFELD-JACOB DISEASE				***	1	1
047.0	VIRAL MENINGITIS-COXSACK			2	0-6	10	1
047.1	VIRAL MENINGITIS-ECHO	5	11	6	0-28	13	29
047.8	VIRAL MENINGITIS-ENTERO				***	15	9
047.9	VIRAL MENINGITIS-UNSPEC.			2	0-11		1
054.3	ENCEPHALITIS			0	0-0	2	
054.72	VIRAL MENINGITIS-H. SIMP				***	1	2
054.8	HERPES-W-UNSPEC. COMPI			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	3	2	1	0-3	14	32
070.3	HEPATITIS B	1	1	1	0-3	8	2
070.51	HEPATITIS C	37	35		***	409	342
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		1	0	0-1	6	3
084	MALARIA	2		1	0-3	16	6
086	TRYPANOSOMA CRUZI				***		
088.81	L YME DISEASE				***		
123.4	DIPHYLLOBOTHRIUM SPP				***		4
124	TRICHINOSIS			0	0-0		
130.9	TOXOPLASMOSES	5			***	30	3
283.11	HEMOLYTIC UREMIC SYNDROME				***	1	
320.0	BAC. MENINGITIS - HAEM			0	0-0	1	
320.1	BAC. MENINGITIS - PNEUM			0	0-2	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			0	0-0		
320.82	BAC. MENINGITIS - E. COLI			0	0-0		
320.9	BAC. MENINGITIS - OTHER			0	0-1		1
323.9	OTHER ENCEPHALITIS			0	0-0		1
331.81	REYE'S SYNDROME				***		
391	RHEUMATIC FEVER				***		
480.8	HANTA VIRUS				***		
481	STREPTOCOCCUS PNEUMONIAE				***	1	3
482.83	LEGIONELLA			0	0-1	1	2
580.0	STREPT GLOMERULONEPHRITIS				***		
711.0	STREP PNEUM ARTHRITIS				***	1	
728.86	NECROTIZING FASCITIS	1			***	5	1
729.1	NECROTIZING MYOSITIS				***		
771.0	RUBELLA CONGENITAL			0	0-0		
785.5	STAPHYLOCOCCUS AUREUS				***		
A83.0	JAPANESE ENCEPHALITIS				***		
B95.6	MRSA/VRSA	37	53		***	228	341
B96.8	VANCOMYCIN R. ENTEROCOCCI	5	10		***	9	122
V02.4	DIPH. CARRIERS			0	0-0		
		211	200			1609	1615

* 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 September 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	1	1	1	1		2	1	2	2							1	2		17
004	SHIGELLOSIS				1							1													2
005.2	C. PERFRINGENS			1																3		2	2		8
005.8	B. CEREUS												1												1
006.9	AMEBIASIS																					1			1
007.1	GIARDIA LAMBLIA			1		1			1						1							1			5
007.8	CRYPTOSPORIDIOSIS			2				1	1							1									5
008.0	E. COLI 0157								1		1		1		1		1	1	1						7
008.43	CAMPYLOBACTER			1	3			2	1	1	1	1	2		2	1				2	3	2			23
011	TUBERCULOSIS - RESP.																	1			1	1			3
013	TUBERCULOSIS - NON-RESP.																				2				2
033.0	PERTUSSIS	2					1		1																4
037	TETANUS																					1			1
038.2	STREP.PNEUMOCOCCAL SEPTIC					1	1								1		1					1			5
041.2	STREP.PNEUM.OTHER		1		1																	2			4
047.1	VIRAL MENINGITIS-ECHO	1	2				1				1		2		2	2									11
070.1	HEPATITIS A													1			1								2
070.51	HEPATITIS C											2	1	1	4	2	1	12	2	4	1	1		4	35
083.0	Q. FEVER																					1			1
127.2	STRONGYLOIDIASIS													1											1
B95.6	MRSA/VRSA		1	2	1	3	1		1		1				2		1	2	2	2	16	17			53
B96.8	VANCOMYCIN RES. ENTER.																					5	5		10
		3	4	8	6	7	5	4	7	2	3	3	7	4	9	11	9	5	17	7	8	38	30		201

SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR September 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	8					2	1	2					2		1		1					17
004	SHIGELLOSIS		2																				2
005.2	C. PERFRINGENS															8							8
005.8	B. CEREUS	1																					1
006.9	AMEBIASIS															1							1
007.1	GIARDIA LAMBLIA	2					1				1		1										5
007.8	CRYPTOSPORIDIOSIS	2							1		1			1									5
008.0	E. COLI 0157	3							1		1		2										7
008.43	CAMPYLOBACTER	6					6		3		2		2	1	2				1				23
011	TUBERCULOSIS - RESP.	2							1														3
013	TUBERCULOSIS - NON-RESP.	1		1																			2
033.0	PERTUSSIS	2		1							1												4
037	TETANUS	1																					1
038.2	STREP.PNEUMOCOCCAL SE	3		1															1				5
041.2	STREP.PNEUM.OTHER	2							1										1				4
047.1	VIRAL MENINGITIS-ECHO	9									1										1		11
070.1	HEPATITIS A	1																	1				2
070.51	HEPATITIS C	24	2		1				2		1		1			1	1	1			1		35
083.0	Q. FEVER													1									1
127.2	STRONGYLOIDIASIS												1										1
B95.6	MRSA/VRSA	29	2						3				2	1		1	4	7	4				53
B96.8	VANCOMYCIN RES. ENTER.	9					1																10
		105	6	3	1		10	1	14		8		9	2	6	1	15	8	10		1	1	201
Missing Investigation Forms (Jan.1 to end of August)		97	7	1		1	1	5	8	1	6		4	2		2	7	5					147

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

STD Infection Summary Report - September 2003

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2002	2003	2002	2003
All Chlamydia Infections	284	319	2555	2791
All Gonorrhea Infections (including PRNG)	62	94	443	631
All Syphilis Infections	3	9	20	52
Gonorrhea & Chlamydia Co-infections	20	41	156	255
Penicillin Resistant Gonorrhea Infections (PRNG)			1	3
Suspect PRNG				
HIV	1	14	49	82

Total Number of STD Cases by Age and Gender - September 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		1					5		85	19	68	25	38	16	5	10		3	1	1			1	278
Gonorrhea Only Cases									10	3	7	7	7	2	4	6		5		2				53
Syphilis Only Cases															4	1	1	1	1	1				9
GC and CT Cases							2		16	5	6	5	2		3	1		1						41
		1					7		111	27	81	37	47	18	16	18	1	10	2	4				381
HIV														1		1	5	1	4		1		1	14

Regional STD Distribution - September 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						
All Chlamydia Infections	169	10	2	7		3		10		9		4	1	14		13	47	21	4	4	1	319
All Gonorrhea Infections	58	1	1	3				2		1			1	1		2	20	3		1		94
All Syphilis Infections	8					1																9
GC and CT Infections	19		1					1		1			1	1		1	14	1		1		41

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

24	13	4	9		1	2	1	1	6		5			4	17	6	1	1		95
----	----	---	---	--	---	---	---	---	---	--	---	--	--	---	----	---	---	---	--	----

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