



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 the **“Summary of Communicable Diseases for the Month of January 2004”** for your review. This report reflects the number of new cases of communicable diseases reported to the Communicable Disease Control Unit during the month of January 2004.

Communicable Diseases

In total, **190** cases across 21 communicable diseases* (excluding sexually transmitted diseases) were reported to the CDC Unit in January 2004. The observed number of cases was within the expected range for all of the reported communicable diseases. The expected number of cases and accompanying range is based on the number of reported cases during December 1998-2002, and January, February 1999-2003.

Sexually Transmitted Infections & Blood-Borne Pathogens

In total, **396** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) were reported in January: 303 cases of chlamydia (Ct), 58 cases of gonorrhoea (Gc), 30 Gc-Ct co-infections, and 5 cases of syphilis. Almost 65% of the Gc and Ct cases were reported in females, mostly between the ages of 15 and 24. Winnipeg RHA accounted for 51% of all Gc and Ct cases provincially, with Burntwood RHA accounting for an additional 16%.

In January **42** newly identified cases of hepatitis C were reported, 57% of which were reported from the Winnipeg region. Most new cases occurred in the 40-49 year age group, accounting for about 30% of all new cases. Fifteen new cases of HIV were reported in January, with more than half of the new cases among males, aged 40-49 years.

Please feel free to contact the Communicable Disease Control Unit Epidemiologist should you have any questions about the content of this summary at CaBeaudoin@gov.mb.ca.

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

*Note: The following communicable diseases are reportable to the Director of Communicable Disease Control for surveillance purposes, and are not reported out for public health follow-up:

strongyloids (ICD9: 127.2)

ascariasis (ICD9: 127.0)

schistosomiasis (ICD9: 120)

leishmaniasis – unspecified (ICD9: 085.9)

penicillin-resistant streptococcus pneumoniae (ICD9: 481.9)

methicillin or vancomycin resistant staphylococcus aureus (MRSA/VRSA)

streptococcus pneumoniae – other site (ICD9: 041.2)

toxoplasmosis (ICD9: 130.9)

vancomycin resistant enterococci (VRE)

tuberculosis (ICD9: 013, 011, 010 – cases and contacts of tuberculosis are managed by the Tuberculosis Control Programme at the Health Sciences Centre, rather than by Public Health)

SUMMARY OF COMMUNICABLE DISEASE FOR January 2004

ICD9	DISEASE/INFECTION	MONTHLY TOTAL				YEAR-TO-DATE	
		2003	2004	Expected*	Ex. Range**	2003	2004
002.0	TYPHOID			0	0-0		
002.9	PARATYPHOID			0	0-1		
003.0	SALMONELLA	14	11	15	4-26	14	11
004	SHIGELLOSIS	2	1	3	0-10	2	1
005.0	STAPHYLOCOCCAL			0	0-1		
005.1	BOTULISM				***		
005.2	C. PERFRINGENS	1	1		***	1	1
005.4	VIBRIO PARAHAEEMOLYTICUS				***		
005.8	B. CEREBUS				***		
005.9	FOOD POISONING OTHER				***		
006.9	AMEBIASIS	1	3	3	0-7	1	3
007.1	GIARDIA LAMBLIA	8	6		***	8	6
007.8	CRYPTOSPORIDIOSIS		1		***		1
008.0	E. COLI VEROTOXIGENIC	8	1	2	0-7	8	1
008.43	CAMPYLOBACTER	5	8	12	3-21	5	8
008.44	YERSINIA ENTEROCOLITICA				***		
010	TUBERCULOSIS-PRIM	1		1	0-4	1	
011	TUBERCULOSIS - RESP	6	3	5	0-10	6	3
013	TUBERCULOSIS - NON-RESP	2		2	0-5	2	
021.9	TULAREMIA			0	0-1		
023	BRELLCELLOSIS			0	0-0		
027.0	LISTERIA MONOCYTOGENES		1	0	0-1		1
027.2	PASTEURELLA MULTOCIDA						
030.9	LEPROSY			0	0-0		
032	DIPHTHERIA CASES			0	0-0		
033.0	PERTUSSIS	2	8		***	2	8
033.1	PARAPERTUSSIS				***		
036.0	MENINGOCOCCAL CSF			0	0-2		
036.2	MENINGOCOCCAL BLOOD			0	0-1		
036.82	MENINGOCOCCAL ARTHROPATH				***		
036.89	NON-MENINGITIDIS OTHER		1	0	0-1		1
037	TETANUS			0	0-0		
038.2	PNEUM. SEPTICEMIA	4	5		***	4	5
040.89	STREPT. TOXIC SHOCK	1			***	1	
041.2	S. PNEUM. OTHER		2		***		2
041.5	H. I. B. -NON MTGS			0	0-1		
046.1	CREUTZFELD-JACOB DISEASE				***		
047.0	VIRAL MENINGITIS-COXSACK			0	0-1		
047.1	VIRAL MENINGITIS-ECHO			0	0-1		
047.8	VIRAL MENINGITIS-ENTERO				***		
047.9	VIRAL MENINGITIS-UNSPEC.			0	0-2		
054.3	ENCEPHALITIS			0	0-1		
054.72	VIRAL MENINGITIS-H. SIMP	1			***	1	
054.8	HERPES-W-UNSPEC. COMPI			0	0-0		
055.9	MEASLES			0	0-1		
056.9	RUBELLA				***		
062.1	W. EQUINE ENCEPHALITIS			0	0-0		
065.4	DENGUE FEVER			0	0-0		
066.3	WEST NILE VIRUS			0	0-0		
070.1	HEPATITIS A	1	2	1	0-3	1	2
070.3	HEPATITIS B			1	0-5		
070.51	HEPATITIS C	30	42		***	30	42
070.59	VIRAL HEP. OTHER				***		
072.9	MUMPS		1	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	
		2003	2004	Expected*	Ex. Range**	2003	2004
083.0	Q. FEVER						
084	MALARIA			1	0-3		
085.9	LEISHMANIASIS			0	0-0		
086	TRYPANOSOMA CRUZI				***		
088.81	LYME DISEASE				***		
120	SCHISTOSOMIASIS			0	0-0		
123.4	DIPHYLOBOTRIUM SPP	1			***	1	
124	TRICHINOSIS			0	0-1		
127.0	ASCARIASIS			0	0-0		
127.2	STRONGYLOIDS			0	0-0		
130.9	TOXOPLASMOSIS				***		
283.11	HEMOLYTIC UREMIC SYNDROME				***		
320.0	BAC. MENINGITIS - HAEM			0	0-1		
320.1	BAC. MENINGITIS - PNEUM			1	0-4		
320.2	BAC. MENINGITIS - STREP			0	0-1		
320.3	BAC. MENINGITIS - STAPH		1	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	
323.9	OTHER ENCEPHALITIS			0	0-0		
331.81	REYE'S SYNDROME				***		
391	RHEUMATIC FEVER				***		
480.8	HANTAVIRUS				***		
481	STREPTOCOCCUS PNEUMONIAE				***		
481.9	STREP. PNEUMONIA - PR			0	0-0		
482.83	LEGIONELLA			0	0-1		
580.0	STREPT. GLOMERULONEPHRITIS				***		
711.0	STREP. PNEUM. ARTHRITIS				***		
728.86	NECROTIZING FASCITIS		1		***		1
729.1	NECROTIZING MYOSITIS				***		
771.0	RUBELLA CONGENITAL			0	0-0		
785.5	STAPHYLOCOCCUS AUREUS				***		
A83.0	JAPANESE ENCEPHALITIS				***		
B95.6	MRSA/VRSA	24	79		***	24	79
B96.8	VANCOMYCIN R. ENTEROCOCCI	2	12		***	2	12
V02.4	DIPH. CARRIERS			0	0-0		
		115	190			115	190

* 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 January 2004

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								3	1			3	1		1						11
004	SHIGELLOSIS													1											1
005.2	C. PERFRINGENS																	1							1
006.9	AMEBIASIS						1						1					1							3
007.1	GIARDIA LAMBLIA			1	1		1						1	1	1										6
007.8	CRYPTOSPORIDIOSIS								1																1
008.0	E. COLI 0157																					1			1
008.43	CAMPYLOBACTER				1									1				1	3			1	1		8
011	TUBERCULOSIS - RESP.														2						1				3
027.0	LISTERIA MONOCYTOGENES																					1			1
033.0	PERTUSSIS	1	1		1	1		2	2																8
036.89	NEISSERIA MGTS(Other)	1																							1
038.2	STREP.PNEUMOCOCCAL SEPTIC	1											1					1				1	1		5
041.2	STREP.PNEUM.OTHER																	1				1			2
070.1	HEPATITIS A									1	1														2
070.51	HEPATITIS C												3	4	4	4	7	8	5	1	2	1	1	2	42
072.9	MUMPS																			1					1
320.3	BAC. MENINGITIS - STAPH																						1		1
728.86	NECROTIZING FASCIITIS																1								1
B95.6	MRSA/VRSA		1	1	3		2	1	1			4		2	1	3	2	2	4	1	4	17	30		79
B96.8	VANCOMYCIN RES. ENTER.												1								1	7	3		12
		3	3	3	6	1	4	3	4		1	8	8	9	8	10	11	12	16	3	8	30	37		190

SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR January 2004

ICD9	Disease/Infection	Winnipeg	Brandon	N.Eastman		S.Eastman		Interlake		Central		Assiniboine		Parkland		Norman		Burntwood		Churchill	OOP	Missing	TOTAL
Case Referred to:*				F	P	F	P	F	P	F	P	F	P	F	P	F	P						
003.0	SALMONELLA	4	2		1		1				2				1								11
004	SHIGELLOSIS								1														1
005.2	C. PERFRINGENS	1																					1
006.9	AMEBIASIS	1									2												3
007.1	GIARDIA LAMBLIA	4	1								1												6
007.8	CRYPTOSPORIDIOSIS																1						1
008.0	E. COLI 0157	1																					1
008.43	CAMPYLOBACTER	3			1		1						1		1		1						8
011	TUBERCULOSIS - RESP.	1																2					3
027.0	LISTERIA MONOCYTOGENES				1																		1
033.0	PERTUSSIS	6							1		1												8
036.89	NEISSERIA MGTS(Other)	1																					1
038.2	STREP.PNEUMOCOCCAL SE	2			1				1									1					5
041.2	STREP.PNEUM.OTHER	1																					2
070.1	HEPATITIS A	2																					2
070.51	HEPATITIS C	24	2		1		2	2	5		2				1			1			1		42
072.9	MUMPS		1																				1
320.3	BAC. MENINGITIS - STAPH	1																					1
728.86	NECROTIZING FASCIITIS																		1				1
B95.6	MRSA/VRSA	20	13	1	1		2		1		1		21		3		7	7	2				79
B96.8	VANCOMYCIN RES. ENTER.	11					1																12
		83	19	2	5		7	2	9		9		22	1	6		10	10	4		1		190
Missing Investigation Forms (01/01/2003 - 12/31/2003)		135	12	4		1	13	6	5	2	4		6	3	1		2	9	11				214

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

Page 3

STD Infection Summary Report - January 2004

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2003	2004	2003	2004
All Chlamydia Infections	342	333	342	333
All Gonorrhea Infections (including PRNG)	71	88	71	88
All Syphilis Infections	7	5	7	5
Gonorrhea & Chlamydia Co-infections	20	30	20	30
Penicillin Resistant Gonorrhea Infections (PRNG)				
Suspect PRNG				
HIV	5	15	5	15

Total Number of STD Cases by Age and Gender - January 2004

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	93	26	67	27	26	15	18	14	2	7				1		303
Gonorrhea Only Cases									8	2	7	5	12	6	5	8	1	3				1		58
Syphilis Only Cases														1	1	2						1		5
GC and CT Cases							2		9	3	5	2	2	2	2	1		1		1				30
							8	1	110	31	79	34	40	24	26	25	3	11		1		3		396
HIV										1		1	1	1	1	8	1		1					15

Regional STD Distribution - January 2004

Disease/Infection	Winnipeg	Brandon	N.Eastman		S.Eastman		Interlake		Central		Assiniboine		Parkland		Norman		Burntwood		Churchill	OOP	Missing	TOTAL
Case Referred to:*			F	P	F	P	F	P	F	P	F	P	F	P	F	P	F	P				
All Chlamydia Infections	163	16	12	12		7		13	2	19		6		10		17	38	18				333
All Gonorrhea Infections	52	3	2	1		1		1		6				2		6	11	3				88
All Syphilis Infections	5																					5
GC and CT Infections	11	1	2	1		1				5				1		2	6					30

Missing Investigation Forms (01/01/2003 - 12/31/2003)	39	14	8	16		4	2	10	1	4		1		1		11	31	9	2	1		154
--	----	----	---	----	--	---	---	----	---	---	--	---	--	---	--	----	----	---	---	---	--	-----

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



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 the “**Summary of Communicable Diseases for the Month of February 2004**” for your review. This report reflects the number of new cases of communicable diseases reported to the Communicable Disease Control Unit during the month of February 2004.

Communicable Diseases

In total, **181** cases across 20 communicable diseases* (excluding sexually transmitted infections) were reported to the CDC Unit in February 2004. The observed number of cases was within the expected range for all of the reported communicable diseases. The expected number of cases and accompanying range is based on the number of reported cases during January, February, and March 1999-2003.

Sexually Transmitted Infections & Blood-Borne Pathogens

In total, **396** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) were reported in February: 311 cases of chlamydia (Ct), 49 cases of gonorrhoea (Gc), 34 Gc-Ct co-infections, and 2 cases of syphilis. Almost half (47%) of the Gc and Ct cases were reported in females between the ages of 15 and 24. Winnipeg Regional Health Authority (RHA) accounted for 51% of all Gc and Ct cases provincially, with Burntwood RHA accounting for an additional 17%.

In February **58** newly identified cases of hepatitis C were reported, 71% of which were reported from the Winnipeg region. About 15% of new hepatitis C cases were identified from Parkland RHA, reflecting a recent regional outbreak. Most new cases of hepatitis C occurred in the 40-49 year age group, accounting for one-third of cases. Fourteen new cases of HIV were reported in February, more than half of which were among females.

Please feel free to contact the Communicable Disease Control Unit Epidemiologist should you have any questions about the content of this summary at CaBeaudoin@gov.mb.ca.

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

*Note: The following communicable diseases are reportable to the Director of Communicable Disease Control for surveillance purposes, and are not reported out for public health follow-up:

strongyloides (ICD9: 127.2)

ascariasis (ICD9: 127.0)

schistosomiasis (ICD9: 120)

leishmaniasis – unspecified (ICD9: 085.9)

penicillin-resistant streptococcus pneumoniae (ICD9: 481.9)

methicillin or vancomycin resistant staphylococcus aureus (MRSA/VRSA)

streptococcus pneumoniae – other site (ICD9: 041.2)

toxoplasmosis (ICD9: 130.9)

vancomycin resistant enterococci (VRE)

tuberculosis (ICD9: 013, 011, 010 – cases and contacts of tuberculosis are managed by the Tuberculosis Control Programme at the Health Sciences Centre, rather than by Public Health)

SUMMARY OF COMMUNICABLE DISEASE FOR February 2004

ICD9	DISEASE/INFECTION	MONTHLY TOTAL				YEAR-TO-DATE	
		2003	2004	Expected*	Ex. Range**	2003	2004
002.0	TYPHOID			0	0-0		
002.9	PARATYPHOID			0	0-1		
003.0	SALMONELLA	13	5	16	6-26	27	17
004	SHIGELLOSIS	4	2	3	0-8	6	4
005.0	STAPHYLOCOCCAL			0	0-1		
005.1	BOTULISM				***		
005.2	C. PERFRINGENS				***	1	1
005.4	VIBRIO PARAHAEEMOLYTICUS				***		
005.8	B. CEREBUS				***		
005.9	FOOD POISONING OTHER				***		
006.9	AMEBIASIS	2	2	4	0-8	3	5
007.1	GIARDIA LAMBLIA	9	4		***	17	15
007.8	CRYPTOSPORIDIOSIS	1	2		***	1	4
008.0	E. COLI VEROTOXIGENIC	10	2	3	0-9	18	4
008.43	CAMPYLOBACTER	16	10	14	7-21	21	19
008.44	YERSINIA ENTEROCOLITICA	1			***	1	
010	TUBERCULOSIS-PRIM			2	0-5	1	
011	TUBERCULOSIS - RESP	8	8	5	0-10	14	11
013	TUBERCULOSIS - NON-RESP		2	1	0-3	2	2
021.9	TULAREMIA			0	0-0		
023	BRUCELLOSIS			0	0-0		
027.0	Listeria monocytogenes	1		0	0-1	1	1
027.2	Pasteurella multocida						
030.9	LEPROSY			0	0-0		
032	DIPHTHERIA CASES			0	0-0		
033.0	PERTUSSIS	2	9		***	4	18
033.1	PARAPERTUSSIS				***		
036.0	MENINGOCOCCAL CSF			1	0-3		
036.2	MENINGOCOCCAL BLOOD			1	0-3		
036.82	MENINGOCOCCAL ARTHROPATH				***		
036.89	NON-MENINGITIDIS OTHER		1	0	0-1		2
037	TETANUS			0	0-0		
038.2	PNEUM. SEPTICEMIA	4	2		***	8	7
040.89	STREPT. TOXIC SHOCK				***	1	
041.2	S. PNEUM. OTHER	2			***	2	2
041.5	H. I. B. -NON MTGS			0	0-1		
046.1	CREUTZFELD-JACOB DISEASE	1			***	1	
047.0	VIRAL MENINGITIS-COXSACK		1	0	0-1		1
047.1	VIRAL MENINGITIS-ECHO	1		0	0-1	1	
047.8	VIRAL MENINGITIS-ENTERO				***		
047.9	VIRAL MENINGITIS-UNSPEC.		1	0	0-1		1
054.3	ENCEPHALITIS			0	0-1		
054.72	VIRAL MENINGITIS-H. SIMP				***	1	
054.8	HERPES-W-UNSPEC. COMPI			0	0-0		
055.9	MEASLES		1	0	0-1		1
056.9	RUBELLA				***		
062.1	W. EQUINE ENCEPHALITIS			0	0-0		
065.4	DENGUE FEVER			0	0-1		
066.3	WEST NILE VIRUS			0	0-0		
070.1	HEPATITIS A	1		1	0-3	2	2
070.3	HEPATITIS B			1	0-5		
070.51	HEPATITIS C	33	58		***	63	98
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	
		2003	2004	Expected*	Ex. Range**	2003	2004
083.0	Q. FEVER						
084	MALARIA		1	1	0-3		1
085.9	LEISHMANIASIS			0	0-0		
086	TRYPANOSOMA CRUZI				***		
088.81	LYME DISEASE				***		
120	SCHISTOSOMIASIS			0	0-0		
123.4	DIPHYLOBOTRIUM SPP				***	1	
124	TRICHINOSIS			0	0-0		
127.0	ASCARIASIS			0	0-0		
127.2	STRONGYLOIDES			0	0-0		
130.9	TOXOPLASMOSIS	2			***	2	
283.11	HEMOLYTIC UREMIC SYNDROME				***		
320.0	BAC. MENINGITIS - HAEM			0	0-0		
320.1	BAC. MENINGITIS - PNEUM			1	0-4		
320.2	BAC. MENINGITIS - STREP			0	0-1		
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	1	
323.9	OTHER ENCEPHALITIS			0	0-0		
331.81	REYE'S SYNDROME				***		
391	RHEUMATIC FEVER				***		
480.8	HANTAVIRUS				***		
481	STREPTOCOCCUS PNEUMONIAE				***		
481.9	STREP PNEUMONIA - PR			0	0-0		
482.83	LEGIONELLA			0	0-1		
580.0	STREPT. GLOMERULONEPHRITIS				***		
711.0	STREP. PNEUM. ARTHRITIS				***		
728.86	NECROTIZING FASCITIS		1		***		2
729.1	NECROTIZING MYOSITIS				***		
771.0	RUBELLA CONGENITAL			0	0-0		
785.5	STAPHYLOCOCCUS AUREUS				***		
A83.0	JAPANESE ENCEPHALITIS				***		
B95.6	MRSA/VRSA	36	43		***	60	122
B96.8	VANCOMYCIN R. ENTEROCOCCI	2	26		***	4	38
V02.4	DIPH. CARRIERS			0	0-0		
		149	181			264	380

* 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 February 2004

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					1				1			5
004	SHIGELLOSIS																	1	1						2
006.9	AMEBIASIS													2											2
007.1	GIARDIA LAMBLIA				1											1		1				1			4
007.8	CRYPTOSPORIDIOSIS						1					1													2
008.0	E. COLI 0157																					2			2
008.43	CAMPYLOBACTER													1		1	2	2		2		1	1		10
011	TUBERCULOSIS - RESP.											2	1			2		1		1	1				8
013	TUBERCULOSIS - NON-RESP.															1	1								2
033.0	PERTUSSIS	2	1	1	1				4																9
036.89	NEISSERIA MGTS(Other)		1																						1
038.2	STREP.PNEUMOCOCCAL SEPTIC															1						1			2
047.0	VIRAL MENINGITIS-COXSACK																	1							1
047.9	VIRAL MENINGITIS-UNSPEC																	1							1
055.9	MEASLES	1																							1
070.51	HEPATITIS C											2	2	5	3	6	9	7	12	2	3		3	4	58
084	MALARIA																	1							1
728.86	NECROTIZING FASCIITIS													1											1
B95.6	MRSA/VRSA		4	1			1		1		1		1		1	3	3	2	1	3	3	11	7		43
B96.8	VANCOMYCIN RES. ENTER.				1									1				1	2	1	9	11			26
		3	6	2	3		3		5		2	3	6	9	6	11	19	13	19	10	8	27	22		181

SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR February 2004

ICD9	Disease/Infection	Winnipeg	Brandon	N.Eastman	S.Eastman	Interlake	Central	Assiniboine	Parkland	Norman	Burntwood	Churchill	OOP	Missing	TOTAL							
Case Referred to:*				F	P	F	P	F	P	F	P	F	P	F	P							
003.0	SALMONELLA	2			1				1					1				5				
004	SHIGELLOSIS	1								1								2				
006.9	AMEBIASIS	2																2				
007.1	GIARDIA LAMBLIA	2	1								1							4				
007.8	CRYPTOSPORIDIOSIS	1								1								2				
008.0	E. COLI 0157						2											2				
008.43	CAMPYLOBACTER	2	1		3	3	1											10				
011	TUBERCULOSIS - RESP.	2						1						5				8				
013	TUBERCULOSIS - NON-RESP.	2																2				
033.0	PERTUSSIS	5				2								2				9				
036.89	NEISSERIA MGTS(Other)										1							1				
038.2	STREP.PNEUMOCOCCAL SE	1		1														2				
047.0	VIRAL MENINGITIS-COXSACK	1																1				
047.9	VIRAL MENINGITIS-UNSPEC	1																1				
055.9	MEASLES	1																1				
070.51	HEPATITIS C	41		2	1	1				9		1				1		58				
084	MALARIA	1																1				
728.86	NECROTIZING FASCIITIS							1										1				
B95.6	MRSA/VRSA	22	2		2	1	1	1		1	2		3	5	1		3	43				
B96.8	VANCOMYCIN RES. ENTER.	18		1	2	1	1	1		1							1	26				
		105	4	1	3		9	3	7	1	4	1	4		12	6	13	2	1	1	4	181
Missing Investigation Forms (02/01/2003 - 01/31/2004)		139	13	4		1	4	4	6	3	3		6	5		3	10	8				209

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

Page 3

STD Infection Summary Report - February 2004

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2003	2004	2003	2004
All Chlamydia Infections	306	345	648	678
All Gonorrhea Infections (including PRNG)	68	83	139	171
All Syphilis Infections	6	2	13	7
Gonorrhea & Chlamydia Co-infections	29	34	49	64
Penicillin Resistant Gonorrhea Infections (PRNG)		1		1
Suspect PRNG				
HIV	6	14	11	28

Total Number of STD Cases by Age and Gender - February 2004

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							4	1	98	34	57	35	28	24	11	14	1	3					1	311
Gonorrhea Only Cases									9	2	9	3	3	6	4	5	1	4	1	2				49
Syphilis Only Cases													1						1					2
GC and CT Cases									7	2	8	5	3	4	1	3				1				34
							4	1	114	38	74	43	34	35	16	22	2	7	1	4				396
HIV									1		2		2	1	1	3	2	1	1					14

Regional STD Distribution - February 2004

Disease/Infection	Winnipeg	Brandon	N.Eastman		S.Eastman		Interlake		Central		Assiniboine		Parkland		Norman		Burntwood		Churchill	OOP	Missing	TOTAL
Case Referred to:*			F	P	F	P	F	P	F	P	F	P	F	P	F	P	F	P				
All Chlamydia Infections	168	18	5	8		3		11		23		17		11	3	12	40	25		1		345
All Gonorrhea Infections	50	3	4	2				4		5				2	1	1	6	4		1		83
All Syphilis Infections	2																					2
GC and CT Infections	16	2	1					2		2				2	1	1	5	2				34

Missing Investigation Forms (02/01/2003 - 01/31/2004)	40	17	5	12		6	1	9	2	4		5		3		7	28	9	1	1		150
--	----	----	---	----	--	---	---	---	---	---	--	---	--	---	--	---	----	---	---	---	--	-----

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



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 the “**Summary of Communicable Diseases for the Month of March 2004**” for your review. This report reflects the number of new cases of communicable diseases reported to the Communicable Disease Control Unit during the month of March 2004.

Communicable Diseases

In total, **186** cases across 22 communicable diseases* (excluding sexually transmitted infections and HIV) were reported to the CDC Unit in March 2004. The observed number of cases was within the expected range for most of the reported communicable diseases, with the exception of leprosy (1 case where none would be expected) and haemophilus influenzae type B (3 cases where no more than 1 would be expected). The expected number of cases and accompanying range is based on the number of reported cases during February, March, and April 1999-2003.

Sexually Transmitted Infections & Blood-Borne Pathogens

In total, **434** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) were reported in March: 337 cases of chlamydia (Ct), 54 cases of gonorrhoea (Gc), 43 Gc-Ct co-infections, and 9 cases of syphilis. Almost half (49%) of the Gc and Ct cases were reported in females between the ages of 15 and 24. About half (53%) of all Gc and Ct cases were recorded for individuals from the Winnipeg health region, and an additional 19% were from the Burntwood health region.

In February **42** newly identified cases of hepatitis C were reported, 60% of which were reported from the Winnipeg region. An additional 17% of new hepatitis C cases were identified from Parkland RHA, reflecting a recent regional outbreak. Most new cases of hepatitis C for March were reported for individuals in the 30-39 year age group, accounting for one-third of new cases. Six new cases of HIV were reported in March, all of which were among males.

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

*Note: The following communicable diseases are reportable to the Director of Communicable Disease Control for surveillance purposes, and are not reported out for public health follow-up:

strongyloids (ICD9: 127.2)

ascariasis (ICD9: 127.0)

schistosomiasis (ICD9: 120)

leishmaniasis – unspecified (ICD9: 085.9)

penicillin-resistant streptococcus pneumoniae (ICD9: 481.9)

methicillin or vancomycin resistant staphylococcus aureus (MRSA/VRSA)

streptococcus pneumoniae – other site (ICD9: 041.2)

toxoplasmosis (ICD9: 130.9)

vancomycin resistant enterococci (VRE)

tuberculosis (ICD9: 013, 011, 010 – cases and contacts of tuberculosis are managed by the Tuberculosis Control Programme at the Health Sciences Centre, rather than by Public Health)

SUMMARY OF COMMUNICABLE DISEASE FOR March 2004

ICD9	DISEASE/INFECTION	MONTHLY TOTAL				YEAR-TO-DATE	
		2003	2004	Expected*	Ex. Range**	2003	2004
002.0	TYPHOID			0	0-0		
002.9	PARATYPHOID			0	0-1		
003.0	SALMONELLA	19	12	15	7-23	46	29
004	SHIGELLOSIS	3		3	0-11	9	5
005.0	STAPHYLOCOCCAL			0	0-1		
005.1	BOTULISM				***		
005.2	C. PERFRINGENS		3		***	1	4
005.4	VIBRIO PARAHAEEMOLYTICUS				***		
005.8	B. CERUUS				***		
005.9	FOOD POISONING OTHER				***		
006.9	AMEBIASIS	3		3	0-6	8	3
007.1	GIARDIA LAMBLIA	14	10		***	31	26
007.8	CRYPTOSPORIDIOSIS	2	2		***	3	6
008.0	E. COLI VEROTOXIGENIC	7	3	4	0-11	25	7
008.43	CAMPYLOBACTER	17	11	15	8-22	38	33
008.44	YERSINIA ENTEROCOLITICA		2		***	1	2
010	TUBERCULOSIS-PRIM	4	1	1	0-4	5	1
011	TUBERCULOSIS - RESP	8	7	5	0-11	22	18
013	TUBERCULOSIS - NON-RESP	2	2	1	0-4	4	4
021.9	TULAREMIA			0	0-0		
023	BRUCELLOSIS			0	0-0		
027.0	Listeria monocytogenes			0	0-1	1	1
027.2	Pasteurella multocida						
030.9	LEPROSY		1	0	0-0		1
032	DIPHTHERIA CASES			0	0-0		
033.0	PERTUSSIS		1		***	4	18
033.1	PARAPERTUSSIS				***		
036.0	MENINGOCOCCAL CSF	1		1	0-3	1	
036.2	MENINGOCOCCAL BLOOD	1		1	0-3	1	
036.82	MENINGOCOCCAL ARTHROPATH				***		
036.89	NON-MENINGITIDIS OTHER	1		0	0-1	1	2
037	TETANUS			0	0-0		
038.2	PNEUM. SEPTICEMIA	5	4		***	13	11
040.89	STREPT. TOXIC SHOCK				***	1	
041.2	S. PNEUM. OTHER		6		***	2	8
041.5	H. I. B. - NON MTGS		3	0	0-1		3
046.1	CREUTZFELD-JACOB DISEASE				***	1	
047.0	VIRAL MENINGITIS-COXSACK			0	0-1		1
047.1	VIRAL MENINGITIS-ECHO	2		0	0-1	3	
047.8	VIRAL MENINGITIS-ENTERO				***		
047.9	VIRAL MENINGITIS-UNSPEC.			0	0-1		1
054.3	ENCEPHALITIS			0	0-1		
054.72	VIRAL MENINGITIS-H. SIMP				***	1	
054.8	HERPES-W-UNSPEC. COMPI			0	0-0		
055.9	MEASLES			0	0-1		1
056.9	RUBELLA				***		
062.1	W. EQUINE ENCEPHALITIS			0	0-0		
065.4	DENGUE FEVER			0	0-1		
066.3	WEST NILE VIRUS			0	0-0		
070.1	HEPATITIS A	1	1	1	0-3	3	5
070.3	HEPATITIS B			1	0-5		
070.51	HEPATITIS C	42	42		***	105	140
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	
		2003	2004	Expected*	Ex. Range**	2003	2004
083.0	Q. FEVER	2				2	
084	MALARIA	1		1	0-4	1	1
085.9	LEISHMANIASIS			0	0-0		
086	TRYPANOSOMA CRUZI				***		
088.81	LYME DISEASE				***		
120	SCHISTOSOMIASIS			0	0-0		
123.4	DIPHYLOBOOTHRIUM SPP		1		***	1	1
124	TRICHINOSIS			0	0-0		
127.0	ASCARIASIS			0	0-0		
127.2	STRONGYLOIDS			0	0-0		
130.9	TOXOPLASMOSIS				***	2	
283.11	HEMOLYTIC UREMIC SYNDROME				***		
320.0	BAC. MENINGITIS - HAEM			0	0-1		
320.1	BAC. MENINGITIS - PNEUM			0	0-1		
320.2	BAC. MENINGITIS - STREP			0	0-1		
320.3	BAC. MENINGITIS - STAPH	1		0	0-1	1	1
320.7	BAC. MENINGITIS - LISTERIA						
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		
331.81	REYE'S SYNDROME				***		
391	RHEUMATIC FEVER				***		
480.8	HANTAVIRUS				***		
481	STREPTOCOCCUS PNEUMONIAE	1			***	1	
481.9	STREP. PNEUMONIA - PR			0	0-0		
482.83	LEGIONELLA	1	1	0	0-1	1	1
580.0	STREPT. GLOMERULONEPHRITIS				***		
711.0	STREP. PNEUM. ARTHRITIS				***		
728.86	NECROTIZING FASCITIS		1		***		2
729.1	NECROTIZING MYOSITIS				***		
771.0	RUBELLA CONGENITAL			0	0-0		
785.5	STAPHYLOCOCCUS AUREUS				***		
A83.0	JAPANESE ENCEPHALITIS				***		
B95.6	MRSA/VRSA	36	60		***	96	182
B96.8	VANCOMYCIN R. ENTEROCOCCI	2	12		***	6	50
V02.4	DIPH. CARRIERS			0	0-0		
		176	186			442	569

* 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 March 2004

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		1	1				1	1		1		1	1	2		12
005.2	C. PERFRINGENS															1	1	1							3
007.1	GIARDIA LAMBLIA			3	1	1	1										1	1	1	1					10
007.8	CRYPTOSPORIDIOSIS																	1	1						2
008.0	E.COLI 0157			1						1							1								3
008.43	CAMPYLOBACTER			2	1			1			1	1				1		1	3						11
008.44	YERSINIA ENTEROCOLITICA												1									1			2
010	TUBERCULOSIS-PRIM.				1																				1
011	TUBERCULOSIS - RESP.									1			1			1		2		2					7
013	TUBERCULOSIS - NON-RESP.											1		1											2
030.9	LEPROSY										1														1
033.0	PERTUSSIS								1																1
038.2	STREP.PNEUMOCOCCAL SEPTIC		1	1	1															1					4
041.2	STREP.PNEUM.OTHER	2		3																		1			6
041.5	HAEM.INFLUENZA B (not csf	1														1		1							3
070.1	HEPATITIS A									1															1
070.51	HEPATITIS C		1										3	4	2	5	9	5	6	1	3	3			42
123.4	DIPHYLLOBOTHRIUM																						1		1
482.83	LEGIONELLA																						1		1
728.86	NECROTIZING FASCIITIS																					1			1
B95.6	MRSA/VRSA		1	2	2	1	5			2	1		1	2		4	1	3	5	2	2	15	11		60
B96.8	VANCOMYCIN RES. ENTER.																			2	5	5			12
		3	3	12	7	2	7	1	2	4	5	3	6	7	2	14	14	12	19	6	10	27	20		186

SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR March 2004

ICD9	Disease/Infection	Winnipeg	Brandon	N.Eastman		S.Eastman		Interlake		Central		Assiniboine		Parkland		Norman		Burntwood		Churchill	OOP	Missing	TOTAL
Case Referred to:*				F	P	F	P	F	P	F	P	F	P	F	P	F	P						
003.0	SALMONELLA	5							2				1	1	1			1	1				12
005.2	C. PERFRINGENS	3																				3	
007.1	GIARDIA LAMBLIA	3	1			1					2		1			1	1					10	
007.8	CRYPTOSPORIDIOSIS															1		1				2	
008.0	E.COLI 0157				1			1		1												3	
008.43	CAMPYLOBACTER	5	1				1	1					3									11	
008.44	YERSINIA ENTEROCOLITICA	1	1																			2	
010	TUBERCULOSIS-PRIM.																1					1	
011	TUBERCULOSIS - RESP.	3						1									3					7	
013	TUBERCULOSIS - NON-RESP.	1								1												2	
030.9	LEPROSY					1																1	
033.0	PERTUSSIS	1																				1	
038.2	STREP.PNEUMOCOCCAL SE	3														1						4	
041.2	STREP.PNEUM.OTHER	1	1		1												2	1				6	
041.5	HAEM.INFLUENZA B (not csf	2																		1		3	
070.1	HEPATITIS A		1																			1	
070.51	HEPATITIS C	25	3		1		1	1	1				1		7				1		1	42	
123.4	DIPHYLLOBOTHRIUM				1																	1	
482.83	LEGIONELLA	1																				1	
728.86	NECROTIZING FASCIITIS	1																				1	
B95.6	MRSA/VRSA	24	3					1		4		5	1	1	4	4	7	5		1		60	
B96.8	VANCOMYCIN RES. ENTER.	10						1								1						12	
		89	11		4		4	2	7	1	7		11	2	9	4	8	15	9		2	1	186
Missing Investigation Forms (Jan.1 to end of February)		34	3			1	3		5		1		1	1	4		1						54

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

Page 3

STD Infection Summary Report - March 2004

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2003	2004	2003	2004
All Chlamydia Infections	302	380	950	1059
All Gonorrhea Infections (including PRNG)	56	97	195	269
All Syphilis Infections	7	9	20	17
Gonorrhea & Chlamydia Co-infections	25	43	74	107
Penicillin Resistant Gonorrhea Infections (PRNG)	2		2	
Suspect PRNG				
HIV	9	6	20	34

Total Number of STD Cases by Age and Gender - March 2004

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							4		100	32	79	43	34	14	11	14	3	2			1			337
Gonorrhea Only Cases							1	2	8	3	9	6	2	9	3	3	2	4		1		1		54
Syphilis Only Cases										1	1	1		1		3				1		1		9
GC and CT Cases							1		12	4	6	10	2	5		2		1						43
							6	2	120	40	95	60	38	29	14	22	5	7		2	1	2		443
HIV														2		3		1						6

Regional STD Distribution - March 2004

Disease/Infection	Winnipeg	Brandon	N.Eastman		S.Eastman		Interlake		Central		Assiniboine		Parkland		Norman		Burntwood		Churchill	OOP	Missing	TOTAL
Case Referred to:*			F	P	F	P	F	P	F	P	F	P	F	P	F	P	F	P				
All Chlamydia Infections	198	16	12	13		4	2	17	1	15		9	1	12		7	51	21		1		380
All Gonorrhea Infections	51	2	5	2			1	5	1	3				3		2	18	4				97
All Syphilis Infections	8	1																				9
GC and CT Infections	18	2	4	1			1	3		1				1		1	10	1				43

Missing Investigation Forms (Jan.1 to end of February)	15	3		2		2		3	1	5		8		2	1	6	19	9				76
---	----	---	--	---	--	---	--	---	---	---	--	---	--	---	---	---	----	---	--	--	--	----

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



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 the “**Summary of Communicable Diseases for the Month of April 2004**” for your review. This report reflects the number of cases of reportable communicable diseases for which individuals in Manitoba tested positive* during the month of April 2004.

Communicable Diseases

In total, there were **165** new infections occurring across 24 communicable diseases** (excluding sexually transmitted infections and HIV) in April 2004. The observed number of cases was within the expected range for all of the reported communicable diseases. The expected number of cases and accompanying range is based on the number of cases during March, April, and May 1999-2003.

Sexually Transmitted Infections & Blood-Borne Pathogens

There were **424** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) in April: 333 cases of chlamydia (Ct), 49 cases of gonorrhoea (Gc), 42 Gc-Ct co-infections, and 6 cases of syphilis. Half (52.6%) of the Gc and Ct cases were reported in females between the ages of 15 and 24. Almost half (49.3%) of all Gc and Ct cases were recorded for individuals from the Winnipeg health region, and an additional 17.5% were from the Burntwood health region.

In April **26** individuals tested positive for hepatitis C, 80.8% of which were reported from the Winnipeg region. Most of the new hepatitis C cases were reported for individuals in the 40-49 year age group, accounting for one-third of new cases. Additionally, five individuals tested positive for HIV in April.

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

*Note: Data for the monthly summary is aggregated based on the earliest of either symptom onset data, specimen collection date, or report date. For the majority of cases, the date used will be the specimen collection date.

**Note: The following communicable diseases are reportable to the Director of Communicable Disease Control for surveillance purposes, and are not reported out for public health follow-up:

strongyloids (ICD9: 127.2)

ascariasis (ICD9: 127.0)

schistosomiasis (ICD9: 120)

leishmaniasis – unspecified (ICD9: 085.9)

penicillin-resistant streptococcus pneumoniae (ICD9: 481.9)

methicillin or vancomycin resistant staphylococcus aureus (MRSA/VRSA)

streptococcus pneumoniae – other site (ICD9: 041.2)

toxoplasmosis (ICD9: 130.9)

vancomycin resistant enterococci (VRE)

tuberculosis (ICD9: 013, 011, 010 – cases and contacts of tuberculosis are managed by the Provincial Tuberculosis Control Programme located at the Health Sciences Centre)

SUMMARY OF COMMUNICABLE DISEASE FOR April 2004

ICD9	DISEASE/INFECTION	MONTHLY TOTAL				YEAR-TO-DATE	
		2003	2004	Expected*	Ex. Range**	2003	2004
002.0	TYPHOID			0	0-1		
002.9	PARATYPHOID			0	0-1		
003.0	SALMONELLA	18	15	15	8-22	65	48
004	SHIGELLOSIS		2	3	0-12	9	7
005.0	STAPHYLOCOCCAL			0	0-1		
005.1	BOTULISM				***		
005.2	C. PERFRINGENS				***	1	4
005.4	VIBRIO PARAHAEEMOLYTICUS				***		
005.8	B. CEREUS		1		***		1
005.9	FOOD POISONING OTHER				***		
006.9	AMEBIASIS	4	2	3	0-7	12	5
007.1	GIARDIA LAMBLIA	11	8		***	42	34
007.8	CRYPTOSPORIDIOSIS	3	4		***	6	11
008.0	E. COLI VEROTOXIGENIC	10	5	3	0-9	35	12
008.43	CAMPYLOBACTER	9	14	15	4-26	47	47
008.44	YERSINIA ENTEROCOLITICA	3	1		***	4	3
010	TUBERCULOSIS-PRIM	1	4	1	0-4	6	5
011	TUBERCULOSIS - RESP	9	9	6	0-12	31	27
013	TUBERCULOSIS - NON-RESP	1	2	2	0-5	5	6
021.9	TULAREMIA			0	0-0		
023	BRUCELLOSIS			0	0-0		
027.0	LISTERIA MONOCYTOGENES			0	0-1	1	1
027.2	PASTEURELLA MULTOCIDA						
030.9	LEPROSY			0	0-0		2
032	DIPHTHERIA CASES			0	0-0		
033.0	PERTUSSIS	1	6		***	5	25
033.1	PARAPERTUSSIS				***		
036.0	MENINGOCOCCAL CSF			1	0-3	1	
036.2	MENINGOCOCCAL BLOOD			1	0-3	1	
036.82	MENINGOCOCCAL ARTHROPATH				***		
036.89	NON-MENINGITIDIS OTHER		1	0	0-1	1	3
037	TETANUS			0	0-0		
038.2	PNEUM. SEPTICEMIA	6	5		***	19	16
040.89	STREPT. TOXIC SHOCK				***	1	
041.2	S. PNEUM. OTHER		2		***	2	11
041.5	H. I. B. -NON MTGS			0	0-1		3
046.1	CREUTZFELD-JACOB DISEASE				***	1	
047.0	VIRAL MENINGITIS-COXSACK			0	0-0		1
047.1	VIRAL MENINGITIS-ECHO		3	1	0-3	3	3
047.8	VIRAL MENINGITIS-ENTERO		1		***		1
047.9	VIRAL MENINGITIS-UNSPEC.			0	0-1		1
054.3	ENCEPHALITIS			0	0-1		
054.72	VIRAL MENINGITIS-H. SIMP				***	1	
054.8	HERPES-W-UNSPEC. COMPI			0	0-0		
055.9	MEASLES	1		0	0-1	1	1
056.9	RUBELLA				***		
062.1	W. EQUINE ENCEPHALITIS			0	0-0		
065.4	DENGUE FEVER			0	0-1		
066.3	WEST NILE VIRUS			0	0-0		
070.1	HEPATITIS A	3		2	0-10	6	5
070.3	HEPATITIS B			1	0-4		
070.51	HEPATITIS C	47	26		***	152	168
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	
		2003	2004	Expected*	Ex. Range**	2003	2004
083.0	Q. FEVER					2	
084	MALARIA	3	1	1	0-3	4	2
085.9	LEISHMANIASIS			0	0-0		
086	TRYPANOSOMA CRUZI				***		
088.81	LYME DISEASE				***		
120	SCHISTOSOMIASIS			0	0-0		
123.4	DIPHYLOBOOTHRIUM SPP		1		***	1	2
124	TRICHINOSIS			0	0-0		
127.0	ASCARIASIS			0	0-0		
127.2	STRONGYLOIDS			0	0-1		
130.9	TOXOPLASMOSIS				***	2	
283.11	HEMOLYTIC UREMIC SYNDROME				***		
320.0	BAC. MENINGITIS - HAEM			0	0-1		
320.1	BAC. MENINGITIS - PNEUM			0	0-1		
320.2	BAC. MENINGITIS - STREP			1	0-3		
320.3	BAC. MENINGITIS - STAPH			0	0-1	1	1
320.7	BAC. MENINGITIS - LISTERIA						
320.82	BAC. MENINGITIS - E. COLI			0	0-1		
320.9	BAC. MENINGITIS - OTHER			0	0-0	1	
323.9	OTHER ENCEPHALITIS			0	0-1		
331.81	REYE'S SYNDROME				***		
391	RHEUMATIC FEVER				***		
480.8	HANTAVIRUS				***		
481	STREPTOCOCCUS PNEUMONIAE	1	4		***	2	4
481.9	STREP PNEUMONIA - PR			0	0-0		
482.83	LEGIONELLA			0	0-1	1	1
580.0	STREPT. GLOMERULONEPHRITIS				***		
711.0	STREP. PNEUM. ARTHRITIS				***		
728.86	NECROTIZING FASCIITIS				***		2
729.1	NECROTIZING MYOSITIS				***		
771.0	RUBELLA CONGENITAL			0	0-0		
785.5	STAPHYLOCOCCUS AUREUS				***		
A83.0	JAPANESE ENCEPHALITIS				***		
B95.6	MRSA/VRSA	22	42		***	118	224
B96.8	VANCOMYCIN R. ENTEROCOCCI	22	6		***	28	56
V02.4	DIPH. CARRIERS			0	0-0		
		175	165			618	744

* 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 April 2004

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	1	2	1	2		1		3			15
004	SHIGELLOSIS																	1	1						2
005.8	B. CEREUS															1									1
006.9	AMEBIASIS															1	1								2
007.1	GIARDIA LAMBLIA				1	1									2	2			1				1		8
007.8	CRYPTOSPORIDIOSIS				1					1	1					1									4
008.0	E. COLI 0157				1		1						1						1		1				5
008.43	CAMPYLOBACTER			1	3	3				1		1	1		1			1				2			14
008.44	YERSINIA ENTEROCOLITICA								1																1
010	TUBERCULOSIS-PRIM.			2			1			1															4
011	TUBERCULOSIS - RESP.									2			2			1	1	1	1	1					9
013	TUBERCULOSIS - NON-RESP.											1		1											2
033.0	PERTUSSIS			1				1	2									1			1				6
036.89	NEISSERIA MGTS(Other)			1																					1
038.2	STREP.PNEUMOCOCCAL SEPTIC						1											2			1	1			5
041.2	STREP.PNEUM.OTHER																	1				1			2
047.1	VIRAL MENINGITIS-ECHO												1	1	1										3
047.8	VIRAL MENINGITIS-ENTERO																				1				1
070.51	HEPATITIS C									2	1			2		2	3	1	8	2	4		1		26
084	MALARIA												1												1
123.4	DIPHYLLOBOTHRIUM														1										1
481	STREP. PNEUMONIAE PNEUMON			1		1										1						1			4
B95.6	MRSA/VRSA	2		1		3		1	1			4		1		1	3	2	1	1	3	8	10		42
B96.8	VANCOMYCIN RES. ENTER.			1												1						2	2		6
		2	6	7	8	5	2	2	4	6	3	7	6	6	6	12	10	12	13	5	11	18	14		165

SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR April 2004

ICD9	Disease/Infection	Winnipeg	Brandon	N.Eastman	S.Eastman	Interlake	Central	Assiniboine	Parkland	Norman	Burntwood	Churchill	OOP	Missing	TOTAL								
Case Referred to:*				F	P	F	P	F	P	F	P	F	P	F	P								
003.0	SALMONELLA	10			1		1				1		1				1			15			
004	SHIGELLOSIS	2																		2			
005.8	B. CEREUS				1															1			
006.9	AMEBIASIS	2																		2			
007.1	GIARDIA LAMBLIA	3			1				1		1					1	1			8			
007.8	CRYPTOSPORIDIOSIS						2		1		1									4			
008.0	E. COLI 0157	3			1						1									5			
008.43	CAMPYLOBACTER	5			1		1		1		3		1		2					14			
008.44	YERSINIA ENTEROCOLITICA	1																		1			
010	TUBERCULOSIS-PRIM.															4				4			
011	TUBERCULOSIS - RESP.	3														5	1			9			
013	TUBERCULOSIS - NON-RESP.	1														1				2			
033.0	PERTUSSIS	4						1								1				6			
036.89	NEISSERIA MGTS(Other)															1				1			
038.2	STREP.PNEUMOCOCCAL SE	1	1	1					1							1				5			
041.2	STREP.PNEUM.OTHER	1											1							2			
047.1	VIRAL MENINGITIS-ECHO	1	1						1											3			
047.8	VIRAL MENINGITIS-ENTERO	1																		1			
070.51	HEPATITIS C	21			1		2		2											26			
084	MALARIA				1															1			
123.4	DIPHYLLOBOTHRIUM																1			1			
481	STREP. PNEUMONIAE PNEU	2			2															4			
B95.6	MRSA/VRSA	21	1		3		1		1		3		3	3		6				42			
B96.8	VANCOMYCIN RES. ENTER.	4							1								1			6			
		86	3	1	3		10		8		11		8	1	6	3		20	5			165	
Missing Investigation Forms (Jan.1 to end of March)		60	6		2	1	3	1	3				2	2	5		1	2	1	1		1	91

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

Page 3

STD Infection Summary Report - April 2004

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2003	2004	2003	2004
All Chlamydia Infections	305	375	1255	1435
All Gonorrhea Infections (including PRNG)	55	91	250	361
All Syphilis Infections	7	6	27	23
Gonorrhea & Chlamydia Co-infections	28	42	102	149
Penicillin Resistant Gonorrhea Infections (PRNG)			2	
Suspect PRNG				
HIV	11	5	31	38

Total Number of STD Cases by Age and Gender - April 2004

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		109	18	86	31	24	22	14	12	2	5	2	2				333
Gonorrhea Only Cases									5	5	5	9	5	2	1	6	2	5		2		2		49
Syphilis Only Cases											1					1		2		2				6
GC and CT Cases									10	10	8	6	3	3	2									42
							6		124	33	100	46	32	27	17	19	4	12	2	6		2		430
HIV													1			1	1	1	1					5

Regional STD Distribution - April 2004

Disease/Infection	Winnipeg	Brandon	N.Eastman		S.Eastman		Interlake		Central		Assiniboine		Parkland		Norman		Burntwood		Churchill	OOP	Missing	TOTAL
Case Referred to:*			F	P	F	P	F	P	F	P	F	P	F	P	F	P	F	P				
All Chlamydia Infections	182	14	14	13		12	2	15		22		8	5	10	1	13	41	21		2		375
All Gonorrhea Infections	43	1	6	3		1	1	1		4		1	1	2		2	15	9		1		91
All Syphilis Infections	6																					6
GC and CT Infections	16	1	4	1		1				3		1	1			2	10	2				42

Missing Investigation Forms (Jan.1 to end of March)	38	14	2	5		3	1	3	1	6		5		3		8	17	11		1		118
--	----	----	---	---	--	---	---	---	---	---	--	---	--	---	--	---	----	----	--	---	--	-----

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



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 the “**Summary of Communicable Diseases for the Month of May 2004**” for your review. This report reflects the number of cases of reportable communicable diseases for which individuals in Manitoba tested positive* during the month of May 2004.

Communicable Diseases

In total, there were **189** new infections occurring across 20 communicable diseases** (excluding sexually transmitted infections and HIV) in May 2004. The observed number of cases was within the expected range for most of the reported communicable diseases with the exception of primary tuberculosis (8 cases; expected range = 0-4), leprosy (1 case; expected range = 0), and neisseria meningitidis (1 case; expected range = 0). The expected number of cases and accompanying range is based on the number of cases during April, May, and June 1999-2003.

Sexually Transmitted Infections & Blood-Borne Pathogens

There were **374** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) in May: 301 cases of chlamydia (Ct), 37 cases of gonorrhoea (Gc), 31 Gc-Ct co-infections, and 5 cases of syphilis. Almost half (46.9%) of all Gc and Ct cases in the province were reported in females between the ages of 15 and 24. Almost half (46.9%) of all Gc and Ct cases were recorded for individuals from the Winnipeg health region, and an additional 22.0% were from the Burntwood health region.

In May **36** individuals tested positive for hepatitis C, 83.3% of which were reported from the Winnipeg region. Most of the new hepatitis C cases were reported among males aged 40-49 years, accounting for 30.6% of new cases. Additionally, eight individuals tested positive for HIV in May.

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

*Note: Data for the monthly summary is aggregated based on the earliest of either symptom onset data, specimen collection date, or report date. For the majority of cases, the date used will be the specimen collection date.

**Note: The following communicable diseases are reportable to the Director of Communicable Disease Control for surveillance purposes, and are not reported out for public health follow-up:

strongyloids (ICD9: 127.2)

ascariasis (ICD9: 127.0)

schistosomiasis (ICD9: 120)

leishmaniasis – unspecified (ICD9: 085.9)

penicillin-resistant streptococcus pneumoniae (ICD9: 481.9)

methicillin or vancomycin resistant staphylococcus aureus (MRSA/VRSA)

streptococcus pneumoniae – other site (ICD9: 041.2)

toxoplasmosis (ICD9: 130.9)

vancomycin resistant enterococci (VRE)

tuberculosis (ICD9: 013, 011, 010 – cases and contacts of tuberculosis are managed by the Provincial Tuberculosis Control Programme located at the Health Sciences Centre)

SUMMARY OF COMMUNICABLE DISEASE FOR

May 2004

ICD9	DISEASE/INFECTION	MONTHLY TOTAL				YEAR-TO-DATE	
		2003	2004	Expected*	Ex. Range**	2003	2004
002.0	TYPHOID			0	0-1		
002.9	PARATYPHOID			0	0-1		
003.0	SALMONELLA	8	8	16	9-23	73	59
004	SHIGELLOSIS			4	0-17	9	7
005.0	STAPHYLOCOCCAL			0	0-1		
005.1	BOTULISM				***		
005.2	C. PERFRINGENS				***	1	3
005.4	VIBRIO PARAHAEMOLYTICUS	1			***	1	
005.8	B. CEREUS				***		1
005.9	FOOD POISONING OTHER				***		
006.9	AMEBIASIS	1		3	0-7	13	6
007.1	GIARDIA LAMBLIA	6	6		***	48	40
007.8	CRYPTOSPORIDIOSIS	2	1		***	8	13
008.0	E. COLI-VEROTOXIGENIC	3	4	3	0-9	38	15
008.43	CAMPYLOBACTER	9	22	18	2-34	56	75
008.44	YERSINIA ENTEROCOLITICA		1		***	4	5
010	TUBERCULOSIS-PRIM.		8	1	0-4	6	13
011	TUBERCULOSIS - RESP.	8	11	7	1-13	39	38
013	TUBERCULOSIS - NON-RESP.	2	1	2	0-6	7	7
021.9	TULAREMIA			0	0-1		
023	BRUCELLOSIS			0	0-0		
027.0	Listeria monocytogenes			1	0-5	1	1
027.2	Pasteurella multocida						
030.9	LEPROSY		1	0	0-0		3
032	DIPHTHERIA CASES			0	0-0		
033.0	PERTUSSIS	5	6		***	10	33
033.1	PARAPERTUSSIS				***		
036.0	MENINGOCOCCAL CSE			1	0-3	1	
036.2	MENINGOCOCCAL BLOOD			0	0-1	1	
036.82	MENINGOCOCCAL ARTHROPATH				***		
036.89	N.MENINGITIDIS OTHER		1	0	0-0	1	4
037	TETANUS			0	0-0		
038.2	PNEUM SEPTICEMIA	8	4		***	27	20
040.89	STREPT TOXIC SHOCK				***	1	
041.2	S.PNEUM OTHER	1			***	3	11
041.5	H.I.B.-NON MTGS			0	0-1		3
046.1	CREUTZFELD-JACOB DISEASE				***	1	1
047.0	VIRAL MENINGITIS-COXSACK			0	0-1		1
047.1	VIRAL MENINGITIS-ECHO			1	0-4	3	3
047.8	VIRAL MENINGITIS-ENTERO		1		***		2
047.9	VIRAL MENINGITIS-UNSPEC			0	0-2		1
054.3	ENCEPHALITIS			0	0-1		
054.72	VIRAL MENINGITIS-H.SIMP	1			***	2	
054.8	HERPES-W-UNSPEC COMPL			0	0-0		
055.9	MEASLES			0	0-1	1	1
056.9	RUBELLA				***		
062.1	W. EQUINE ENCEPHALITIS			0	0-0		
065.4	DENGUE FEVER			0	0-1		
066.3	WEST NILE VIRUS			0	0-0		
070.1	HEPATITIS A	17		2	0-10	23	5
070.3	HEPATITIS B	1	1	1	0-3	1	1
070.51	HEPATITIS C	44	36		***	196	211
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	
		2003	2004	Expected*	Ex. Range**	2003	2004
083.0	Q FEVER					2	
084	MALARIA	1		1	0-3	5	2
085.9	LEISHMANIASIS			0	0-0		
086	TRYPANOSOMA CRUZI				***		
088.81	LYME DISEASE				***		
120	SCHISTOSOMIASIS			0	0-0		
123.4	DIPHYLLOBOTHRIUM SPP				***	1	2
124	TRICHINOSIS			0	0-0		
127.0	ASCARIASIS			0	0-0		
127.2	STRONGYLOIDS	1		0	0-1	1	
130.9	TOXOPLASMOSIS	1			***	3	
283.11	HEMOLYTIC UREMIC SYNDROME				***		
320.0	BAC. MENINGITIS - HAEM			0	0-1		
320.1	BAC. MENINGITIS - PNEUM			0	0-1		
320.2	BAC. MENINGITIS - STREP			0	0-2		
320.3	BAC. MENINGITIS - STAPH			0	0-1	1	1
320.7	BAC.MENINGITIS-LISTERIA						
320.82	BAC. MENINGITIS - E.COL			0	0-1		
320.9	BAC. MENINGITIS - OTHER			0	0-1	1	
323.9	OTHER ENCEPHALITIS	1		0	0-1	1	
331.81	REYE'S SYNDROME				***		
391	RHEUMATIC FEVER				***		
480.8	HANTA VIRUS				***		
481	STREPTOCOCCUS PNEUMONIAE	1			***	4	3
481.9	STREP PNEUMONIA - PR			0	0-0		
482.83	LEGIONELLA		1	0	0-1	1	2
580.0	STREPT GLOMERULONEPHRITIS				***		
711.0	STREP.PNEUMARTHRTIS				***		
728.86	NECROTIZING FASCIITIS		1		***		3
729.1	NECROTIZING MYOSITIS				***		
771.0	RUBELLA CONGENITAL			0	0-0		
785.5	STAPHYLOCOCCUS AUREUS				***		
A83.0	JAPANESE ENCEPHALITIS				***		
B95.6	MRSA/VRSA	33	66		***	151	289
B96.8	VANCOMYCIN R. ENTEROCOCCI	35	9		***	63	65
V02.4	DIPH.CARRIERS			0	0-0		
		190	189			809	951

* 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 2004

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		1	1						8
007.1	GIARDIA LAMBLIA				3									1		1						1			6
007.8	CRYPTOSPORIDIOSIS									1															1
008.0	E.COLI 0157											1								1	1	1			4
008.43	CAMPYLOBACTER			2		1			1		2	2		2		1	3	1		2		2	3		22
008.44	YERSINIA ENTEROCOLITICA																1								1
010	TUBERCULOSIS-PRIM.					1	2	2	1	1	1														8
011	TUBERCULOSIS - RESP.									2	1			1			2			1		1	3		11
013	TUBERCULOSIS - NON-RESP.															1									1
030.9	LEPROSY								1																1
033.0	PERTUSSIS			1		1		1		1								2							6
036.89	NEISSERIA MGTS(Other)		1																						1
038.0	STREPTOCOCCAL SEPTICEMIA			1																		1			2
038.2	STREP.PNEUMOCOCCAL SEPTIC			1	1											1						1			4
047.8	VIRAL MENINGITIS-ENTERO															1									1
070.3	HEPATITIS B											1													1
070.51	HEPATITIS C													1	6	6	1	11	1	4		1		5	36
482.83	LEGIONELLA																			1					1
728.86	NECROTIZING FASCIITIS																	1							1
B95.6	MRSA/VRSA	1	1		1		1	1		2		1		2	1	4	4	1	2	4	2	16	22		66
B96.8	VANCOMYCIN RES. ENTER.																			1	5	3			9
		1	2	5	5	3	4	4	3	4	6	7	1	6	4	12	19	7	15	9	9	28	32		191

SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR May 2004

ICD9	Disease/Infection	Winnipeg	Brandon	N.Eastman		S.Eastman		Interlake		Central		Assiniboine		Parkland		Norman		Burntwood		Churchill	OOP	Missing	TOTAL
Case Referred to:*				F	P	F	P	F	P	F	P	F	P	F	P	F	P	F	P				
003.0	SALMONELLA	7												1									8
007.1	GIARDIA LAMBLIA	2			1						2										1		6
007.8	CRYPTOSPORIDIOSIS				1																		1
008.0	E.COLI 0157		1				2								1								4
008.43	CAMPYLOBACTER	8			1		3		1		3		5		1								22
008.44	YERSINIA ENTEROCOLITICA	1																					1
010	TUBERCULOSIS-PRIM.	1															7						8
011	TUBERCULOSIS - RESP.	4			1									1			5						11
013	TUBERCULOSIS - NON-RESP.	1																					1
030.9	LEPROSY						1																1
033.0	PERTUSSIS	2					1		1		1		1										6
036.89	NEISSERIA MGTS(Other)	1																					1
038.0	STREPTOCOCCAL SEPTICEMIA	2																					2
038.2	STREP.PNEUMOCOCCAL SEPTIC	2									1						1						4
047.8	VIRAL MENINGITIS-ENTERO	1																					1
070.3	HEPATITIS B	1																					1
070.51	HEPATITIS C	30	1		1		1	2							1								36
482.83	LEGIONELLA	1																					1
728.86	NECROTIZING FASCIITIS																		1				1
B95.6	MRSA/VRSA	32	9		1				3		2		2			2	2	10	1			2	66
B96.8	VANCOMYCIN RES. ENTER.	8																				1	9
		104	11		6		8	2	5		9		8	2	3	2	2	23	2		1	3	191
Missing Investigation Forms (Jan.1 to end of April)		50	5	1		1	2	1	4				2	3	2			3		1		2	77

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

Page 3

STD Infection Summary Report - May 2004

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2003	2004	2003	2004
All Chlamydia Infections	319	332	1574	1773
All Gonorrhea Infections (including PRNG)	58	68	308	429
All Syphilis Infections	5	5	32	28
Gonorrhea & Chlamydia Co-infections	21	31	123	180
Penicillin Resistant Gonorrhea Infections (PRNG)			2	
Suspect PRNG				
HIV	3	8	34	46

Total Number of STD Cases by Age and Gender - May 2004

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	1	78	23	67	52	22	22	15	14		2	1			1		301
Gonorrhea Only Cases									6	4	8	7		6	1	3	1	1						37
Syphilis Only Cases													1		1		2	1						5
GC and CT Cases									10	5	4	6	1	4		1								31
							3	1	94	32	79	65	23	33	16	19	1	5	2			1		374
HIV												1	2	2			1	2						8

Regional STD Distribution - May 2004

Disease/Infection	Winnipeg	Brandon	N.Eastman		S.Eastman		Interlake		Central		Assiniboine		Parkland		Norman		Burntwood		Churchill	OOP	Missing	TOTAL
Case Referred to:*			F	P	F	P	F	P	F	P	F	P	F	P	F	P	F	P				
All Chlamydia Infections	152	5	13	13		13	2	14		12		5		7		21	54	19		2		332
All Gonorrhea Infections	36		3	4		1	2	2	1	1				2			11	5				68
All Syphilis Infections	5																					5
GC and CT Infections	15		3	1			2			1				1			6	2				31

Missing Investigation Forms (Jan.1 to end of April)	47	1	1	7		6		1		3		3	2	1		1	9	4				86
--	----	---	---	---	--	---	--	---	--	---	--	---	---	---	--	---	---	---	--	--	--	----

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



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 the “**Summary of Communicable Diseases for the Month of June 2004**” for your review. This report reflects the number of cases of reportable communicable diseases for which individuals in Manitoba tested positive* during the month of June 2004.

Communicable Diseases

In total, there were **200** new infections occurring across 20 communicable diseases** (excluding sexually transmitted infections and HIV) in June 2004. The observed number of cases was within the expected range for most of the reported communicable diseases with the exception of neisseria meningitidis (2 cases; expected range = 0) and streptococcus pneumoniae unspecified (1 case; expected range = 0). The expected number of cases and accompanying range is based on the number of cases during May, June, and July 1999-2003.

Sexually Transmitted Infections & Blood-Borne Pathogens

There were **380** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) in June: 283 cases of chlamydia (Ct), 52 cases of gonorrhoea (Gc), 43 Gc-Ct co-infections, and 2 cases of syphilis. Almost half (47.6%) of all Gc and Ct cases in the province were reported in females between the ages of 15 and 24. More than half (54.5%) of all Gc and Ct cases were reported for individuals from the Winnipeg health region, and an additional 18.3% were from the Burntwood health region.

In June **25** individuals tested positive for hepatitis C, 72.0% of which were reported from the Winnipeg region. Most of the new hepatitis C cases were reported among females aged 30-49 years, accounting for 32.0% of new cases. Additionally, 14 individuals tested positive for HIV in June. During these first six months of 2004, 60 individuals have tested positive for HIV, which is about 39% more cases compared to the first six months of 2003.

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

*Note: Data for the monthly summary is aggregated based on the earliest of either symptom onset data, specimen collection date, or report date. For the majority of cases, the date used will be the specimen collection date.

**Note: The following communicable diseases are reportable to the Director of Communicable Disease Control for surveillance purposes, and are not reported out for public health follow-up:

strongyloids (ICD9: 127.2)

ascariasis (ICD9: 127.0)

schistosomiasis (ICD9: 120)

leishmaniasis – unspecified (ICD9: 085.9)

penicillin-resistant streptococcus pneumoniae (ICD9: 481.9)

methicillin or vancomycin resistant staphylococcus aureus (MRSA/VRSA)

streptococcus pneumoniae – other site (ICD9: 041.2)

toxoplasmosis (ICD9: 130.9)

vancomycin resistant enterococci (VRE)

tuberculosis (ICD9: 013, 011, 010 – cases and contacts of tuberculosis are managed by the Provincial Tuberculosis Control Programme located at the Health Sciences Centre)

SUMMARY OF COMMUNICABLE DISEASE FOR June 2004

ICD9	DISEASE/INFECTION	MONTHLY TOTAL				YEAR-TO-DATE	
		2003	2004	Expected*	Ex. Range**	2003	2004
002.0	TYPHOID			0	0-1		
002.9	PARATYPHOID	1		0	0-1	1	
003.0	SALMONELLA	19	12	17	1-33	92	71
004	SHIGELLOSIS	1		4	0-16	10	7
005.0	STAPHYLOCOCCAL			0	0-0		
005.1	BOTULISM				***		
005.2	C. PERFRINGENS	1	1		***	2	4
005.4	VIBRIO PARAHAEOLYTICUS				***	1	
005.8	B. CEREUS	1			***	1	1
005.9	FOOD POISONING OTHER				***		
006.9	AMEBIASIS	2		3	0-7	15	6
007.1	GIARDIA LAMBLIA	8	13		***	56	53
007.8	CRYPTOSPORIDIOSIS	5			***	13	13
008.0	E. COLI-VEROTOXIGENIC	8	9	4	0-10	46	24
008.43	CAMPYLOBACTER	14	25	23	5-41	70	100
008.44	YERSINIA ENTEROCOLITICA	1			***	5	5
010	TUBERCULOSIS-PRIM.	2		1	0-5	8	13
011	TUBERCULOSIS - RESP.	10	7	5	0-11	49	45
013	TUBERCULOSIS - NON-RESP.	1	2	2	0-7	8	9
021.9	TULAREMIA			0	0-1		
023	BRUCELLOSIS			0	0-1		
027.0	Listeria monocytogenes	1		1	0-5	2	1
027.2	Pasteurella multocida						
030.9	LEPROSY			0	0-0		3
032	DIPHTHERIA CASES			0	0-0		
033.0	PERTUSSIS	5	3		***	15	36
033.1	PARAPERTUSSIS				***		
036.0	MENINGOCOCCAL CSF			0	0-2	1	
036.2	MENINGOCOCCAL BLOOD			0	0-1	1	
036.82	MENINGOCOCCAL ARTHROPATH				***		
036.89	NEUMONITIS OTHER		2	0	0-0	1	6
037	TETANUS			0	0-0		
038.2	PNEUM SEPTICEMIA	8	3		***	35	23
040.89	STREPT TOXIC SHOCK				***	1	
041.2	S.PNEUM OTHER		3		***	3	14
041.5	H.I.B.-NON MTGS			0	0-0		3
046.1	CREUTZFELD-JACOB DISEASE				***	1	1
047.0	VIRAL MENINGITIS-COXSACK			1	0-4		1
047.1	VIRAL MENINGITIS-ECHO		3	2	0-9	3	6
047.8	VIRAL MENINGITIS-ENTERO	2	2		***	2	4
047.9	VIRAL MENINGITIS-UNSPEC			1	0-3		1
054.3	ENCEPHALITIS			0	0-1		
054.72	VIRAL MENINGITIS-H.SIMP				***	2	
054.8	HERPES-W-UNSPEC COMPL			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		
066.3	WEST NILE VIRUS			0	0-0		
070.1	HEPATITIS A	4	3	2	0-10	27	8
070.3	HEPATITIS B	1		1	0-3	2	1
070.51	HEPATITIS C	42	25		***	238	236
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	
		2003	2004	Expected*	Ex. Range**	2003	2004
083.0	Q FEVER					2	
084	MALARIA		1	1	0-3	5	3
085.9	LEISHMANIASIS			0	0-0		
086	TRYPANOSOMA CRUZI				***		
088.81	LYME DISEASE				***		
120	SCHISTOSOMIASIS			0	0-0		
123.4	DIPHYLLOBOTHRIUM SPP	2			***	3	2
124	TRICHINOSIS			0	0-0		
127.0	ASCARIASIS			0	0-0		
127.2	STRONGYLOIDS			0	0-1	1	
130.9	TOXOPLASMOSIS				***	3	
283.11	HEMOLYTIC UREMIC SYNDROME				***		
320.0	BAC. MENINGITIS - HAEM			0	0-1		
320.1	BAC. MENINGITIS - PNEUM			0	0-1		
320.2	BAC. MENINGITIS - STREP			1	0-3		
320.3	BAC. MENINGITIS - STAPH			0	0-1	1	1
320.7	BAC.MENINGITIS-LISTERIA						
320.82	BAC. MENINGITIS - E.COL			0	0-1		
320.9	BAC. MENINGITIS - OTHER			0	0-1	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		***	4	4
481.9	STREP PNEUMONIA - PR		1	0	0-0		1
482.83	LEGIONELLA	1		0	0-1	2	2
580.0	STREPT GLOMERULONEPHRITIS				***		
711.0	STREP.PNEUMARTHRTIS				***		
728.86	NECROTIZING FASCIITIS				***		3
729.1	NECROTIZING MYOSITIS				***		
771.0	RUBELLA CONGENITAL			0	0-0		
785.5	STAPHYLOCOCCUS AUREUS				***		
A83.0	JAPANESE ENCEPHALITIS				***		
B95.6	MRSA/VRSA	35	59		***	186	348
B96.8	VANCOMYCIN R. ENTEROCOCCI	27	25		***	90	90
V02.4	DIPH.CARRIERS			0	0-0		
		202	200			1011	1151

* 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 June 2004

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				1	1			1				1	1	1	1		1	1		12
005.2	C. PERFRINGENS					1																			1
007.1	GIARDIA LAMBLIA			3	2	1	1						1	1				1		1	1	1			13
008.0	E. COLI 0157			1		1	2		1		1	1								1	1				9
008.43	CAMPYLOBACTER		1	4		2				1	1		2	1	2	1	2	1	3	1	1	2			25
011	TUBERCULOSIS - RESP.											1		1	1	3						1			7
013	TUBERCULOSIS - NON-RESP.																1	1							2
033.0	PERTUSSIS							2										1							3
036.89	NEISSERIA MGTS(Other)	2																							2
038.2	STREP.PNEUMOCOCCAL SEPTIC		1		1																		1		3
041.2	STREP.PNEUM.OTHER			2																1					3
047.1	VIRAL MENINGITIS-ECHO						1					1	1												3
047.8	VIRAL MENINGITIS-ENTERO		1													1									2
070.1	HEPATITIS A								1							1				1					3
070.51	HEPATITIS C											1	1	1	1	4	4	4	1	3		1		4	25
084	MALARIA				1																				1
481	STREP. PNEUMONIAE PNEUMON			1																					1
481.9	PENICILLIN-RESIS STREP.PN	1																							1
B95.6	MRSA/VRSA		2	3	1	2		1		2						1	3	6	3	6	10	19			59
B96.8	VANCOMYCIN RES. ENTER.															1		2		2	11	9			25
		4	5	15	6	7	4	3	2	3	4	3	6	5	4	10	10	12	13	11	11	28	30		200

SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR June 2004

ICD9	Disease/Infection	Winnipeg	Brandon	N.Eastman		S.Eastman		Interlake		Central		Assiniboine		Parkland		Norman		Burntwood		Churchill	OOP	Missing	TOTAL
Case Referred to:*				F	P	F	P	F	P	F	P	F	P	F	P	F	P	F	P				
003.0	SALMONELLA	4	1			1			1		1		2		1			1					12
005.2	C. PERFRINGENS	1																1					1
007.1	GIARDIA LAMBLIA	4					1				8												13
008.0	E. COLI 0157	2	1		1			2	1		1				1								9
008.43	CAMPYLOBACTER	7			1		3		3		2		6				1		1	1			25
011	TUBERCULOSIS - RESP.	2							1									4					7
013	TUBERCULOSIS - NON-RESP.	1																1					2
033.0	PERTUSSIS	2							1														3
036.89	NEISSERIA MGTS(Other)	1																	1				2
038.2	STREP.PNEUMOCOCCAL SEPTIC	2					1																3
041.2	STREP.PNEUM.OTHER											1			1			1					3
047.1	VIRAL MENINGITIS-ECHO	2													1								3
047.8	VIRAL MENINGITIS-ENTERO	1									1												2
070.1	HEPATITIS A	3																					3
070.51	HEPATITIS C	18	1		1			1	2		2												25
084	MALARIA	1																					1
481	STREP. PNEUMONIAE PNEUMON.																1						1
481.9	PENICILLIN-RESIS STREP.PN	1																					1
B95.6	MRSA/VRSA	36	1				2		1		1		3		1	4	3	5	1			1	59
B96.8	VANCOMYCIN RES. ENTER.	20						1	2													2	25
		108	4		3	1	7	4	12		16	1	11		5	4	5	12	3	1		3	200
Missing Investigation Forms (Jan.1 to end of May)		85	6	1		1	3	1	5		1		3	4	3			5	1	1		2	122

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

Page 3

STD Infection Summary Report - June 2004

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2003	2004	2003	2004
All Chlamydia Infections	322	326	1896	2099
All Gonorrhea Infections (including PRNG)	72	95	380	524
All Syphilis Infections	3	2	35	30
Gonorrhea & Chlamydia Co-infections	33	43	156	223
Penicillin Resistant Gonorrhea Infections (PRNG)			2	
Suspect PRNG				
HIV	9	14	43	60

Total Number of STD Cases by Age and Gender - June 2004

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		70	22	75	36	25	12	18	11	5	1	1	1				283
Gonorrhea Only Cases									7	2	7	12	2	8	3	5	2	2		2				52
Syphilis Only Cases																1	1							2
GC and CT Cases							2		15	4	6	10	3	2		1								43
							8		92	28	88	58	30	22	21	18	8	3	1	3				380
HIV							1				1		1		5	4						2		14

Regional STD Distribution - June 2004

Disease/Infection	Winnipeg	Brandon	N.Eastman		S.Eastman		Interlake		Central		Assiniboine		Parkland		Norman		Burntwood		Churchill	OOP	Missing	TOTAL
Case Referred to:*			F	P	F	P	F	P	F	P	F	P	F	P	F	P	F	P				
All Chlamydia Infections	172	7	5	11		4	2	18	1	22	1	5	1	9	1	4	44	17		2		326
All Gonorrhea Infections	58	2	4	5			1	4	1			1		2			11	5		1		95
All Syphilis Infections	2																					2
GC and CT Infections	24		2	3			1	3				1					6	2		1		43

Missing Investigation Forms (Jan.1 to end of May)	61	2	4	12		7	1	4	1	4		5	2	2		3	13	8				129
--	----	---	---	----	--	---	---	---	---	---	--	---	---	---	--	---	----	---	--	--	--	-----

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



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 the **“Summary of Communicable Diseases for the Month of July 2004”** for your review. This report reflects the number of cases of reportable communicable diseases for which individuals in Manitoba tested positive* during the month of June 2004.

Communicable Diseases

In total, there were **208** new infections occurring across 23 communicable diseases** (excluding sexually transmitted infections and HIV) in July 2004. The observed number of cases was within the expected range for all of the reported communicable diseases. The expected number of cases and accompanying range is based on the number of cases during June, July, and August 1999-2003.

Sexually Transmitted Infections & Blood-Borne Pathogens

There were **376** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) in July: 288 cases of chlamydia (Ct), 54 cases of gonorrhoeae (Gc), 30 Gc-Ct co-infections, and 4 cases of syphilis. Almost half (47.6%) of all Gc and Ct cases in the province were reported in females between the ages of 15 and 24. About half (51.3%) of all Gc and Ct cases were reported for individuals from the Winnipeg health region, and an additional 17.2% were from the Burntwood health region.

In July **26** individuals tested positive for hepatitis C, almost all of which were reported from the Winnipeg region (21 of 26 cases). Most of the new hepatitis C cases were reported among males aged 30-49 years, accounting for 53.8% of new cases. Additionally, five individuals tested positive for HIV in July.

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

*Note: Data for the monthly summary is aggregated based on the earliest of either symptom onset data, specimen collection date, or report date. For the majority of cases, the date used will be the specimen collection date.

**Note: The following communicable diseases are reportable to the Director of Communicable Disease Control for surveillance purposes, and are not reported out for public health follow-up:

strongyloids (ICD9: 127.2)

ascariasis (ICD9: 127.0)

schistosomiasis (ICD9: 120)

leishmaniasis – unspecified (ICD9: 085.9)

penicillin-resistant streptococcus pneumoniae (ICD9: 481.9)

methicillin or vancomycin resistant staphylococcus aureus (MRSA/VRSA)

streptococcus pneumoniae – other site (ICD9: 041.2)

toxoplasmosis (ICD9: 130.9)

vancomycin resistant enterococci (VRE)

tuberculosis (ICD9: 013, 011, 010 – cases and contacts of tuberculosis are managed by the Provincial Tuberculosis Control Programme located at the Health Sciences Centre)

SUMMARY OF COMMUNICABLE DISEASE FOR

July 2004

ICD9	DISEASE/INFECTION	MONTHLY TOTAL				YEAR-TO-DATE	
		2003	2004	Expected*	Ex. Range**	2003	2004
002.0	TYPHOID			0	0-1		
002.9	PARATYPHOID			0	0-1	1	
003.0	SALMONELLA	13	16	19	4-34	105	87
004	SHIGELLOSIS	3		5	0-18	13	7
005.0	STAPHYLOCOCCAL			0	0-1		
005.1	BOTULISM				***		
005.2	C. PERFRINGENS				***	2	4
005.4	VIBRIO PARAHAEOLYTICUS				***	1	
005.8	B. CEREUS				***	1	1
005.9	FOOD POISONING OTHER				***		
006.9	AMEBIASIS	3	4	3	0-7	18	10
007.1	GIARDIA LAMBLIA	15	6		***	71	59
007.8	CRYPTOSPORIDIOSIS	6	1		***	19	14
008.0	E. COLI-VEROTOXIGENIC	7	6	6	0-13	53	30
008.43	CAMPYLOBACTER	21	28	25	10-40	91	128
008.44	YERSINIA ENTEROCOLITICA	1			***	6	5
010	TUBERCULOSIS-PRIM.		1	2	0-6	8	14
011	TUBERCULOSIS - RESP.	3	10	6	0-12	52	55
013	TUBERCULOSIS - NON-RESP.	7	1	2	0-6	15	10
021.9	TULAREMIA			0	0-1		
023	BRUCELLOSIS			0	0-1		
027.0	Listeria monocytogenes			1	0-5	2	1
027.2	Pasteurella multocida						
030.9	LEPROSY			0	0-0		3
032	DIPHTHERIA CASES		1	0	0-0		1
033.0	PERTUSSIS	7	4		***	22	40
033.1	PARAPERTUSSIS				***		
036.0	MENINGOCOCCAL CSE			0	0-2	1	
036.2	MENINGOCOCCAL BLOOD			0	0-1	1	
036.82	MENINGOCOCCAL ARTHROPATH				***		
036.89	NEUMINGITIS OTHER			0	0-0	1	6
037	TETANUS			0	0-0		
038.2	PNEUM SEPTICEMIA	6	3		***	41	26
040.89	STREPT TOXIC SHOCK				***	1	
041.2	S.PNEUM OTHER		1		***	3	15
041.5	H.I.B.-NON MTGS			0	0-1		3
046.1	CREUTZFELD-JACOB DISEASE				***	1	1
047.0	VIRAL MENINGITIS-COXSACK		4	2	0-6		5
047.1	VIRAL MENINGITIS-ECHO	10	5	2	0-8	13	11
047.8	VIRAL MENINGITIS-ENTERO	1	4		***	3	8
047.9	VIRAL MENINGITIS-UNSPEC			1	0-3		1
054.3	ENCEPHALITIS			0	0-0		
054.72	VIRAL MENINGITIS-H.SIMP				***	2	
054.8	HERPES-W-UNSPEC COMPL	1		0	0-1	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		
066.3	WEST NILE VIRUS			0	0-0		
070.1	HEPATITIS A	2	3	1	0-3	29	11
070.3	HEPATITIS B			1	0-2	2	1
070.51	HEPATITIS C	35	26		***	273	262
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	
		2003	2004	Expected*	Ex. Range**	2003	2004
083.0	Q FEVER					2	
084	MALARIA	1	3	1	0-3	6	6
085.9	LEISHMANIASIS			0	0-0		
086	TRYPANOSOMA CRUZI				***		
088.81	LYME DISEASE				***		
120	SCHISTOSOMIASIS			0	0-0		
123.4	DIPHYLLOBOTHRIUM SPP	1	1		***	4	3
124	TRICHINOSIS			0	0-0		
127.0	ASCARIASIS			0	0-0		
127.2	STRONGYLOIDS			0	0-1	1	
130.9	TOXOPLASMOSIS				***	3	
283.11	HEMOLYTIC UREMIC SYNDROME				***		
320.0	BAC. MENINGITIS - HAEM			0	0-1		
320.1	BAC. MENINGITIS - PNEUM			1	0-3		
320.2	BAC. MENINGITIS - STREP			0	0-1		
320.3	BAC. MENINGITIS - STAPH			0	0-1	1	1
320.7	BAC.MENINGITIS-LISTERIA						
320.82	BAC. MENINGITIS - E.COL			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		***	4	5
481.9	STREP PNEUMONIA - PR			0	0-0		1
482.83	LEGIONELLA			0	0-1	2	2
580.0	STREPT GLOMERULONEPHRITIS				***		
711.0	STREP.PNEUMARTHRTIS				***		
728.86	NECROTIZING FASCIITIS				***		3
729.1	NECROTIZING MYOSITIS				***		
771.0	RUBELLA CONGENITAL			0	0-0		
785.5	STAPHYLOCOCCUS AUREUS				***		
A83.0	JAPANESE ENCEPHALITIS				***		
B95.6	MRSA/VRSA	45	64		***	231	412
B96.8	VANCOMYCIN R. ENTEROCOCCI	14	15		***	104	105
V02.4	DIPH.CARRIERS			0	0-0		
		202	208			1213	1359

* 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 2004

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	2	1			3	4		16
006.9	AMEBIASIS				1			1								2									4
007.1	GIARDIA LAMBLIA				1	1				1		1								1			1		6
007.8	CRYPTOSPORIDIOSIS						1																		1
008.0	E. COLI 0157				1			1		1	1					1						1			6
008.43	CAMPYLOBACTER			1	1	1	2	2	2	4		2	1	2	3	1	1			3		2			28
010	TUBERCULOSIS-PRIM.																			1					1
011	TUBERCULOSIS - RESP.											1	1			2	1		3		2				10
013	TUBERCULOSIS - NON-RESP.															1									1
032	DIPH. CASES									1															1
033.0	PERTUSSIS						1	1						1		1									4
038.2	STREP.PNEUMOCOCCAL SEPTIC				2					1															3
041.2	STREP.PNEUM.OTHER																				1				1
047.0	VIRAL MENINGITIS-COXSACK	2	1	1																					4
047.1	VIRAL MENINGITIS-ECHO						2					1			1	1									5
047.8	VIRAL MENINGITIS-ENTERO		1					1				2													4
070.1	HEPATITIS A											1				1						1			3
070.51	HEPATITIS C											1	2	2		6	1	8		4		1		1	26
084	MALARIA					2								1											3
123.4	DIPHYLLOBOTHRIUM																	1							1
481	STREP. PNEUMONIAE PNEUMON																					1			1
B95.6	MRSA/VRSA		3	1		2	3	2	1	1		3	1	1		1		1	5	3	2	12	21	1	64
B96.8	VANCOMYCIN RES. ENTER.							1				1								1		9	3		15
		2	5	3	8	6	9	5	5	4	7	8	9	6	6	10	13	5	18	5	12	26	34		208

SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR July 2004

ICD9	Disease/Infection	Winnipeg	Brandon	N.Eastman		S.Eastman		Interlake		Central		Assiniboine		Parkland		Norman		Burntwood		Churchill	OOP	Missing	TOTAL
Case Referred to:*				F	P	F	P	F	P	F	P	F	P	F	P	F	P	F	P				
003.0	SALMONELLA	5	1						5		1		1		1						2		16
006.9	AMEBIASIS	2							1							1							4
007.1	GIARDIA LAMBLIA	4									1		1										6
007.8	CRYPTOSPORIDIOSIS															1							1
008.0	E. COLI 0157	4							2														6
008.43	CAMPYLOBACTER	13	1			4			1		5		2			1					1		28
010	TUBERCULOSIS-PRIM.	1																					1
011	TUBERCULOSIS - RESP.	5																5					10
013	TUBERCULOSIS - NON-RESP.	1																					1
032	DIPH. CASES					1																	1
033.0	PERTUSSIS	4																					4
038.2	STREP.PNEUMOCOCCAL SEPTIC	2							1														3
041.2	STREP.PNEUM.OTHER	1																					1
047.0	VIRAL MENINGITIS-COXSACK	3									1												4
047.1	VIRAL MENINGITIS-ECHO	3			1				1														5
047.8	VIRAL MENINGITIS-ENTERO	3			1																		4
070.1	HEPATITIS A	2			1																		3
070.51	HEPATITIS C	21	1											1		2						1	26
084	MALARIA	3																					3
123.4	DIPHYLLOBOTHRIUM	1																					1
481	STREP. PNEUMONIAE PNEUMON.													1									1
B95.6	MRSA/VRSA	39	2	1		1			2	1			1		1	4	1	5	5			1	64
B96.8	VANCOMYCIN RES. ENTER.	10									1							3		1			15
		127	5	1	3	1	5		13	1	9		5		4	4	6	13	5	1	3	2	208
Missing Investigation Forms (Jan.1 to end of June)		123	8	1		2	4	2	7		12		4	4	3			7	1	1		2	181

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

Page 3

STD Infection Summary Report - July 2004

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2003	2004	2003	2004
All Chlamydia Infections	295	318	2191	2417
All Gonorrhea Infections (including PRNG)	76	84	456	608
All Syphilis Infections	3	4	38	34
Gonorrhea & Chlamydia Co-infections	25	30	181	253
Penicillin Resistant Gonorrhea Infections (PRNG)	1		3	
Suspect PRNG				
HIV	14	5	57	65

Total Number of STD Cases by Age and Gender - July 2004

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		2					3		75	32	67	24	26	17	14	18	3	4		2			1	288
Gonorrhea Only Cases							1		12	2	6	13		1	5	8	2	2	1	1				54
Syphilis Only Cases																		1		2	1			4
GC and CT Cases							1		14	4	3	3	1	2	1	1								30
		2					5		101	38	76	40	27	20	20	27	5	7	1	5	1			376
HIV														1	1			3						5

Regional STD Distribution - July 2004

Disease/Infection	Winnipeg	Brandon	N.Eastman		S.Eastman		Interlake		Central		Assiniboine		Parkland		Norman		Burntwood		Churchill	OOP	Missing	TOTAL
Case Referred to:*			F	P	F	P	F	P	F	P	F	P	F	P	F	P	F	P				
All Chlamydia Infections	162	15	6	12		3	3	10		20		10		8	1	17	30	21				318
All Gonorrhea Infections	46	4	1	4				2	1	3		1		1	1	3	12	5				84
All Syphilis Infections	4																					4
GC and CT Infections	17	1	1	3				1		2					1	4						30

Missing Investigation Forms (Jan.1 to end of June)	82	5	6	18		9	2	6	1	8		6	2	2	1	3	20	13				184
---	----	---	---	----	--	---	---	---	---	---	--	---	---	---	---	---	----	----	--	--	--	-----

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



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 the “**Summary of Communicable Diseases for the Month of August 2004**”. This report reflects the number of cases of reportable communicable diseases for which individuals in Manitoba tested positive* during the month of August 2004.

Communicable Diseases

In total, there were **228** new infections occurring across 26 communicable diseases** (excluding sexually transmitted infections and HIV) in August 2004. The observed number of cases was within the expected range for most of the reported communicable diseases with the exception of Hepatitis A (4 cases observed; expected range=0 – 3 cases). The expected number of cases and accompanying range is based on the number of cases during July, August, and September 1999-2003.

Sexually Transmitted Infections & Blood-Borne Pathogens

There were **398** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) in August: 290 cases of chlamydia (Ct), 64 cases of gonorrhoea (Gc), 44 Gc-Ct co-infections, and 4 cases of syphilis. Almost half (47.7%) of all Gc and Ct cases in the province were reported in females between the ages of 15 and 24. About half (51.2%) of all Gc and Ct cases were reported for individuals from the Winnipeg health region, and an additional 20.4% were from the Burntwood health region.

In August **30** individuals tested positive for hepatitis C, two-thirds of which were reported from the Winnipeg region (20 of 30 cases). Almost half of the new hepatitis C cases were reported among males aged 30-49 years, accounting for 46.6% of new cases. Additionally, five individuals tested positive for HIV in August.

Cheers,
Dr. Carole Beaudoin
Epidemiologist, Communicable Diseases

*Note: Data for the monthly summary is aggregated based on the earliest of either symptom onset data, specimen collection date, or report date. For the majority of cases, the date used will be the specimen collection date.

**Note: The following communicable diseases are reportable to the Director of Communicable Disease Control for surveillance purposes, and are not reported out for public health follow-up:

strongyloids (ICD9: 127.2)

ascariasis (ICD9: 127.0)

schistosomiasis (ICD9: 120)

leishmaniasis – unspecified (ICD9: 085.9)

penicillin-resistant streptococcus pneumoniae (ICD9: 481.9)

methicillin or vancomycin resistant staphylococcus aureus (MRSA/VRSA)

streptococcus pneumoniae – other site (ICD9: 041.2)

toxoplasmosis (ICD9: 130.9)

vancomycin resistant enterococci (VRE)

tuberculosis (ICD9: 013, 011, 010 – cases and contacts of tuberculosis are managed by the Provincial Tuberculosis Control Programme located at the Health Sciences Centre)

SUMMARY OF COMMUNICABLE DISEASE FOR August 2004

ICD9	DISEASE/INFECTION	MONTHLY TOTAL				YEAR-TO-DATE	
		2003	2004	Expected*	Ex. Range**	2003	2004
006.9	AMEBIASIS	1	1	2	0-5	19	11
127.0	ASCARIASIS			0	0-0		
005.8	B. CEREUS		1		***	1	3
320.82	BAC. MENINGITIS - E.COL			0	0-0		
320.0	BAC. MENINGITIS - HAEM			0	0-0		
320.9	BAC. MENINGITIS - OTHER			0	0-1	1	
320.1	BAC. MENINGITIS - PNEUM	2		0	0-1	2	
320.3	BAC. MENINGITIS - STAPH			0	0-0	1	1
320.2	BAC. MENINGITIS - STREP			0	0-1		1
320.7	BAC.MENINGITIS-LISTERIA			0	0-1		
005.1	BOTULISM				***		
023	BRUCELLOSIS			0	0-1		
005.2	C. PERFRINGENS		2		***	2	7
008.43	CAMPYLOBACTER	25	26	26	16-36	116	165
046.1	CREUTZFELD-JACOB DISEASE				***	1	
007.8	CRYPTOSPORIDIOSIS	10	3		***	29	18
065.4	DENGUE FEVER			0	0-0		
V02.4	DIPH.CARRIERS			0	0-0		
032	DIPHTHERIA CASES			0	0-0		1
123.4	DIPHYLOBOOTHRIUM SPP	1	2		***	5	5
008.0	E. COLI-VEROTOXIGENIC	12	12	6	0-14	65	42
054.3	ENCEPHALITIS			0	0-0		
005.9	FOOD POISONING OTHER				***		
007.1	GIARDIA LAMBLIA	16	11		***	87	74
041.5	H.I.B.-NON MTGS			0	0-1		3
480.8	HANTA VIRUS				***		
283.11	HEMOLYTIC UREMIC SYNDROME				***		
070.1	HEPATITIS A	1	4	1	0-3	30	16
070.3	HEPATITIS B	1		1	0-2	3	2
070.51	HEPATITIS C	31	30		***	305	297
054.8	HERPES-W/UNSPEC.COMPI			0	0-1	1	
A83.0	JAPANESE ENCEPHALITIS				***		
482.83	LEGIONELLA			0	0-0	2	2
085.9	LEISHMANIASIS			0	0-0		
030.9	LEPROSY			0	0-0		3
027.0	LISTERIA MONOCYTOGENES	2		0	0-1	4	1
088.81	LYME DISEASE		1		***		1
084	MALARIA		2	1	0-3	6	8
055.9	MEASLES			0	0-0	1	1
036.0	MENINGOCOCCAL CSF	1		0	0-2	2	
036.82	MENINGOCOCCAL ARTHROPATH				***		
036.2	MENINGOCOCCAL BLOOD			0	0-0	1	
B95.6	MRSA/RSA	59	87		***	290	510
072.9	MUMPS		1	0	0-1		2
036.89	N.MENINGITIDIS.OTHER		1	0	0-0	1	7
728.86	NECROTIZING FASCIITIS	1			***	1	3
729.1	NECROTIZING MYOSITIS				***		
323.9	OTHER ENCEPHALITIS			0	0-0	1	
033.1	PARAPERTUSSIS				***		
002.9	PARATYPHOID			0	0-1	1	
027.2	PASTEURELLA MULTOCIDA			0	0-0		
033.0	PERTUSSIS	5	4		***	27	48
038.2	PNEUM SEPTICEMIA	2	5		***	43	31
073.9	PSITTACOSIS			0	0-1		
083.0	Q FEVER			0	0-1	2	
331.81	REYE'S SYNDROME				***		

* 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	
		2003	2004	Expected*	Ex. Range**	2003	2004
391	RHEUMATIC FEVER		1		***		3
056.9	RUBELLA				***		
771.0	RUBELLA CONGENITAL			0	0-0		
041.2	S.PNEUM.OTHER	1			***	4	15
003.0	SALMONELLA	16	11	20	5-35	121	103
120	SCHISTOSOMIASIS			0	0-0		
004	SHIGELLOSIS	2		5	0-19	15	7
005.0	STAPHYLOCOCCAL	1		0	0-1	1	
785.5	STAPHYLOCOCCUS AUREUS				***		
481.9	STREP.PNEUMONIA - PR			0	0-0		1
711.0	STREP.PNEUM.ARTHRITIS				***		
580.0	STREPT.GLOMERULONEPHRITIS				***		
040.89	STREPT TOXIC SHOCK				***	1	
481	STREPTOCOCCUS PNEUMONIAE				***	4	5
127.2	STRONGYLOIDS	1		0	0-1	2	
037	TETANUS			0	0-1		
130.9	TOXOPLASMOSIS				***	3	
124	TRICHINOSIS			0	0-0		
086	TRYPANOSOMA CRUZI				***		
013	TUBERCULOSIS - NON-RESP.	2		2	0-5	17	10
011	TUBERCULOSIS - RESP.	8	3	4	0-10	60	58
010	TUBERCULOSIS-PRIM.		2	1	0-5	8	16
021.9	TULAREMIA			0	0-1		
002.0	TYPHOID			0	0-1		
081.9	TYPHUS			0	0-0		
B96.8	VANCOMYCIN R. ENTEROCOCCI	9	5		***	113	111
005.4	VIBRIO PARAHAEVOLYTICUS				***	1	
070.59	VIRAL HEP. OTHER				***		
047.0	VIRAL MENINGITIS-COXSACK	1	3	2	0-6	1	8
047.1	VIRAL MENINGITIS-ECHO	5	6	3	0-10	18	22
047.8	VIRAL MENINGITIS-ENTERO	6	2		***	9	7
054.72	VIRAL MENINGITIS-H.SIMP.				***	2	
047.9	VIRAL MENINGITIS-UNSPEC	1		0	0-1	1	1
062.1	W. EQUINE ENCEPHALITIS			0	0-0		
066.3	WEST NILE VIRUS			0	0-0		
008.44	YERSINIA ENTEROCOLITICA		2		***	6	8
		223	228			1437	1638

* 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 2004

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		
006.9	AMEBIASIS										1														1
005.8	B. CEREUS																					1			1
005.2	C. PERFRINGENS															1		1							2
008.43	CAMPYLOBACTER	1		1				1	3			1	1	4	1	2	2	2		4	1	2			26
007.8	CRYPTOSPORIDIOSIS							1		1	1														3
123.4	DIPHYLLOBOTHRIUM																			1			1		2
008.0	E. COLI 0157					1						1	1		1	1		1		1	1	3	1		12
007.1	GIARDIA LAMBLIA			1	2	2		1				1			2		1						1		11
070.1	HEPATITIS A			2			1											1							4
070.51	HEPATITIS C											1			1	4	7	2	7	1	3	1		3	30
088.81	LYME DISEASE																				1				1
084	MALARIA												1						1						2
B95.6	MRSA/VRSA	1	1	3	2	4	7	4	2	4		2	1	2	1	4	7	2	3	1	4	17	15		87
072.9	MUMPS				1																				1
036.89	NEISSERIA MGTS(Other)				1																				1
033.0	PERTUSSIS	1						3																	4
391	RHEUMATIC FEVER								1																1
003.0	SALMONELLA			1		1				1	1	1						1	1	2	1		1		11
038.2	STREP.PNEUMOCOCCAL SEPTIC		1				1															1	2		5
011	TUBERCULOSIS - RESP.														1	1					1				3
010	TUBERCULOSIS-PRIM.							1	1																2
B96.8	VANCOMYCIN RES. ENTER.																1				1	1	2		5
047.0	VIRAL MENINGITIS-COXSACK	1							1						1										3
047.1	VIRAL MENINGITIS-ECHO	1	1			1			1						2										6
047.8	VIRAL MENINGITIS-ENTERO						1									1									2
008.44	YERSINIA ENTEROCOLITICA											1				1									2

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		
		5	3	8	6	9	10	9	11	6	3	8	4	6	10	15	18	10	12	10	13	26	23		228

SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR August 2004

ICD9	Disease/Infection	Winnipeg	Brandon	N.Eastman		S.Eastman		Interlake		Central		Assiniboine		Parkland		Norman		Burntwood		Churchill	OOP	Missing	TOTAL
Case Referred to:*				F	P	F	P	F	P	F	P	F	P	F	P	F	P	F	P				
006.9	AMEBIASIS	1																					1
005.8	B. CEREUS	1																					1
005.2	C. PERFRINGENS	2																					2
008.43	CAMPYLOBACTER	7	1				2				6			4		3		2			1		26
007.8	CRYPTOSPORIDIOSIS	1					2																3
123.4	DIPHYLLOBOTHRIUM																	1	1				2
008.0	E. COLI 0157	6					1				2			1		1			1				12
007.1	GIARDIA LAMBLIA	5					2				1			1		1		1					11
070.1	HEPATITIS A	4																					4
070.51	HEPATITIS C	20	2					4							2						2		30
088.81	LYME DISEASE	1																					1
084	MALARIA	2																					2
B95.6	MRSA/VRSA	40	1				2		2				2		1	20	5	12	2				87
072.9	MUMPS	1																					1
036.89	NEISSERIA MGTS(Other)																				1		1
033.0	PERTUSSIS	2		1							1												4
391	RHEUMATIC FEVER	1																					1
003.0	SALMONELLA	2						1		1			2		1		3	1					11
038.2	STREP.PNEUMOCOCCAL SEPTIC	3								1								1					5
011	TUBERCULOSIS - RESP.																	3					3
010	TUBERCULOSIS-PRIM.																	2					2
B96.8	VANCOMYCIN RES. ENTER.	3			1				1														5
047.0	VIRAL MENINGITIS-COXSACK									1						1		1					3
047.1	VIRAL MENINGITIS-ECHO	4					1											1					6
047.8	VIRAL MENINGITIS-ENTERO	1																1					2
008.44	YERSINIA ENTEROCOLITICA	1							1														2
		108	4	1	1		10	4	5		13		10		9	20	11	23	5		4		228
Missing Investigation Forms (Jan.1 to end of July)		99	9	1	2	2	7	3	5		4		4	4	2		2	8	1	1		1	155

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

Page 3

STD Infection Summary Report - August 2004

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2003	2004	2003	2004
All Chlamydia Infections	290	334	2481	2757
All Gonorrhea Infections (including PRNG)	81	108	537	719
All Syphilis Infections	6	4	44	38
Gonorrhea & Chlamydia Co-infections	33	44	214	298
Penicillin Resistant Gonorrhea Infections (PRNG)			3	
Suspect PRNG				
HIV	12	5	69	70

Total Number of STD Cases by Age and Gender - August 2004

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							7		69	17	75	35	29	14	15	13	3	9		3		1		290
Gonorrhea Only Cases							1		10	7	13	7	4	5	2	7	1	3		4				64
Syphilis Only Cases													1		2							1		4
GC and CT Cases								1	20	6	3	2		5	4	3								44
							8	1	99	30	91	44	33	25	21	25	4	12		7		2		402
HIV																2		1		2				5

Regional STD Distribution - August 2004

Disease/Infection	Winnipeg	Brandon	N.Eastman		S.Eastman		Interlake		Central		Assiniboine		Parkland		Norman		Burntwood		Churchill	OOP	Missing	TOTAL
Case Referred to:*			F	P	F	P	F	P	F	P	F	P	F	P	F	P	F	P				
All Chlamydia Infections	172	11	14	10		4		10	1	7		15		7	3	13	41	24	1	1		334
All Gonorrhea Infections	58	1	7	1		1		3		3		3		2		1	16	12				108
All Syphilis Infections	3									1												4
GC and CT Infections	26		4									1		1			8	4				44

Missing Investigation Forms (Jan.1 to end of July)	58	13	10	20		3	4	4		5		12	2	3	2	6	18	10				170
---	----	----	----	----	--	---	---	---	--	---	--	----	---	---	---	---	----	----	--	--	--	-----

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



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 the **Summary of Communicable Diseases for the Month of September 2004**. This report reflects the number of cases of reportable communicable diseases for which individuals in Manitoba tested positive* during the month of September 2004.

Communicable Diseases

In total, there were **250** new infections occurring across 19 communicable diseases** (excluding sexually transmitted infections and HIV) in September 2004. The observed number of cases was within the expected range for most of the reported communicable diseases with the exception of Tuberculosis, respiratory (15 cases observed; expected range=0 to 13 cases) and non-respiratory (11 cases observed; expected range=0 to 5 cases). The expected number of cases and accompanying range is based on the number of cases during August, September, and October 1999-2003.

Sexually Transmitted Infections & Blood-Borne Pathogens

There were **453** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) in September: 354 cases of chlamydia (Ct), 64 cases of gonorrhoea (Gc), 35 Gc-Ct co-infections, and 11 cases of syphilis. Almost half (49.2%) of all Gc and Ct cases in the province were reported in females between the ages of 15 and 24. More than half (60.7%) of all Gc and Ct cases were reported for individuals from the Winnipeg health region, and an additional 17.6% were from the Burntwood health region.

In September **39** individuals tested positive for hepatitis C, more than two-thirds of which were reported from the Winnipeg region (27 of 39 cases). About 40% of the new hepatitis C cases were reported among males aged 30-49 years. Additionally, nine individuals tested positive for HIV in September.

*Note: Data for the monthly summary is aggregated based on the earliest of either symptom onset data, specimen collection date, or report date. For the majority of cases, the date used will be the specimen collection date.

**Note: The following communicable diseases are reportable to the Director of Communicable Disease Control for surveillance purposes, and are not reported out for public health follow-up:

strongyloids (ICD9: 127.2)

ascariasis (ICD9: 127.0)

schistosomiasis (ICD9: 120)

leishmaniasis – unspecified (ICD9: 085.9)

penicillin-resistant streptococcus pneumoniae (ICD9: 481.9)

methicillin or vancomycin resistant staphylococcus aureus (MRSA/VRSA)

streptococcus pneumoniae – other site (ICD9: 041.2)

toxoplasmosis (ICD9: 130.9)

vancomycin resistant enterococci (VRE)

tuberculosis (ICD9: 013, 011, 010 – cases and contacts of tuberculosis are managed by the Provincial Tuberculosis Control Programme located at the Health Sciences Centre)

Cheers,

Dr. Carole Beaudoin
Epidemiologist, Communicable Diseases

SUMMARY OF COMMUNICABLE DISEASE FOR September 2004

ICD9	DISEASE/INFECTION	MONTHLY TOTAL				YEAR-TO-DATE	
		2003	2004	Expected*	Ex. Range**	2003	2004
006.9	AMEBIASIS	2	1	2	0-5	21	12
127.0	ASCARIASIS			0	0-0		
005.8	B. CEREUS	1			***	2	3
320.82	BAC. MENINGITIS - E.COL			0	0-0		
320.0	BAC. MENINGITIS - HAEM			0	0-0		
320.9	BAC. MENINGITIS - OTHER			0	0-1	1	
320.1	BAC. MENINGITIS - PNEUM			0	0-1	3	3
320.3	BAC. MENINGITIS - STAPH			0	0-0	1	1
320.2	BAC. MENINGITIS - STREP			0	0-1		1
320.7	BAC.MENINGITIS-LISTERIA						
005.1	BOTULISM				***		
023	BRUCELLOSIS			0	0-0		
005.2	C. PERFRINGENS	9			***	11	7
008.43	CAMPYLOBACTER	23	25	24	14-34	139	190
046.1	CREUTZFELD-JACOB DISEASE				***	1	
007.8	CRYPTOSPORIDIOSIS	4	3		***	33	21
065.4	DENGUE FEVER			0	0-0		
V02.4	DIPH.CARRIERS			0	0-0		
032	DIPHThERIA CASES			0	0-0		1
123.4	DIPHYLLOBOTHRIUM SPP				***	5	6
008.0	E. COLI-VEROTOXIGENIC	7	9	5	0-13	72	53
054.3	ENCEPHALITIS			0	0-0		
005.9	FOOD POISONING OTHER				***		
007.1	GIARDIA LAMBLIA	5	21		***	92	96
041.5	H.I.B.-NON MTGS			0	0-1		3
480.8	HANTA VIRUS				***		
283.11	HEMOLYTIC UREMIC SYNDROME				***		
070.1	HEPATITIS A	2	3	1	0-3	32	19
070.3	HEPATITIS B	1	2	1	0-2	4	4
070.51	HEPATITIS C	35	39		***	340	337
054.8	HERPES-W/UNSPEC.COMPI			0	0-0	1	
A83.0	JAPANESE ENCEPHALITIS				***		
482.83	LEGIONELLA			0	0-1	2	2
085.9	LEISHMANIASIS			0	0-0		
030.9	LEPROSY			0	0-0		3
027.0	LISTERIA MONOCYTOGENES			0	0-2	4	1
088.81	LYME DISEASE				***		1
084	MALARIA			1	0-3	6	8
055.9	MEASLES			0	0-0	1	1
036.0	MENINGOCOCCAL CSF			0	0-1	2	
036.82	MENINGOCOCCAL ARTHROPATH				***		
036.2	MENINGOCOCCAL BLOOD			0	0-1	1	
B95.6	MRSA/RSa	53	74		***	343	584
072.9	MUMPS			0	0-1		2
036.89	N.MENINGITIDIS.OTHER			0	0-1	1	7
728.86	NECROTIZING FASCIITIS		1		***	1	4
729.1	NECROTIZING MYOSITIS				***		
323.9	OTHER ENCEPHALITIS			0	0-0	1	
033.1	PARAPERTUSSIS				***		
002.9	PARATYPHOID			0	0-0	1	
027.2	PASTEURELLA MULTOCIDA						
033.0	PERTUSSIS	4	2		***	31	50
038.2	PNEUM SEPTICEMIA	5	4		***	49	35
073.9	PSITTACOSIS			0	0-1		
083.0	Q FEVER	1				3	
331.81	REYE'S SYNDROME				***		

* 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	
		2003	2004	Expected*	Ex. Range**	2003	2004
391	RHEUMATIC FEVER				***		4
056.9	RUBELLA				***		
771.0	RUBELLA CONGENITAL			0	0-0		
041.2	S.PNEUMOTHER	4			***	6	13
003.0	SALMONELLA	20	14	18	7-29	141	118
120	SCHISTOSOMIASIS			0	0-0		
004	SHIGELLOSIS	2		5	0-22	17	7
005.0	STAPHYLOCOCCAL			0	0-1	1	
785.5	STAPHYLOCOCCUS AUREUS				***		
481.9	STREP.PNEUMONIA - PR			0	0-0		1
711.0	STREP.PNEUM. ARTHRITIS				***		
580.0	STREPT. GLOMERULONEPHRITIS				***		
040.89	STREPT TOXIC SHOCK				***	1	
481	STREPTOCOCCUS PNEUMONIAE				***	4	4
127.2	STRONGYLOIDS	1		0	0-1	3	
037	TETANUS	1		0	0-1	1	
130.9	TOXOPLASMOSIS				***	3	
124	TRICHINOSIS			0	0-0		
086	TRYPANOSOMA CRUZI				***		
013	TUBERCULOSIS - NON-RESP.	2	11	2	0-5	19	21
011	TUBERCULOSIS - RESP.	3	15	6	0-13	63	73
010	TUBERCULOSIS-PRIM.		2	1	0-3	8	18
021.9	TULAREMIA			0	0-1		
002.0	TYPHOID			0	0-1		
081.9	TYPHUS			0	0-1		
B96.8	VANCOMYCIN R. ENTEROCOCCI	10	16		***	123	127
005.4	VIBRIO PARAHAEEMOLYTICUS				***	1	
070.59	VIRAL HEP. OTHER				***		
047.0	VIRAL MENINGITIS-COXSACK			2	0-6	1	8
047.1	VIRAL MENINGITIS-ECHO	11	4	2	0-8	29	27
047.8	VIRAL MENINGITIS-ENTERO		4		***	9	11
054.72	VIRAL MENINGITIS-H.SIMP.				***	2	
047.9	VIRAL MENINGITIS-UNSPEC			0	0-1	1	1
062.1	W. EQUINE ENCEPHALITIS			0	0-0		
066.3	WEST NILE VIRUS			0	0-0		
008.44	YERSINIA ENTEROCOLITICA				***	6	8
		206	250			1643	1896

* 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 2004

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		
006.9	AMEBIASIS			1																					1
008.43	CAMPYLOBACTER			2	2		1	2			1		2	3	2	3	1	1	1		1	2	1		25
007.8	CRYPTOSPORIDIOSIS					1										1					1				3
008.0	E.COLI 0157			2				1		1			2			1						1	1		9
007.1	GIARDIA LAMBLIA				2	1	1	1		1			1	2	1	2	2		2	1	2	2			21
070.1	HEPATITIS A																	1		1			1		3
070.3	HEPATITIS B													1				1							2
070.51	HEPATITIS C										1	1			1	6	9	4	7	4	6				39
B95.6	MRSA/VRSA	2	1		5	1	1	3	2	3	1	2		1	1	1	4	8	2	2	4	14	16		74
728.86	NECROTIZING FASCIITIS														1										1
033.0	PERTUSSIS				1				1																2
003.0	SALMONELLA						2	2	1		2	2				2				1		2			14
038.2	STREP.PNEUMOCOCCAL SEPTIC	1			1															1			1		4
013	TUBERCULOSIS - NON-RESP.					1						2				2	1	1	1	1	1		1		11
011	TUBERCULOSIS - RESP.											1	2	1	3	1	2	1	1		1	1	1		15
010	TUBERCULOSIS-PRIM.			1			1																		2
B96.8	VANCOMYCIN RES. ENTER.															2	2	1	1	1		5	4		16
047.1	VIRAL MENINGITIS-ECHO							1							2	1									4
047.8	VIRAL MENINGITIS-ENTERO							1							1	1	1								4
		3	1	6	11	4	6	11	4	5	5	8	7	9	11	23	22	17	16	12	16	27	26		250

SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR September 2004

ICD9	Disease/Infection	Winnipeg	Brandon	N.Eastman		S.Eastman		Interlake		Central		Assiniboine		Parkland		Norman		Burntwood		Churchill	OOP	Missing	TOTAL
Case Referred to:*				F	P	F	P	F	P	F	P	F	P	F	P	F	P	F	P				
006.9	AMEBIASIS	1																					1
008.43	CAMPYLOBACTER	3	4		1		3				5		8						1				25
007.8	CRYPTOSPORIDIOSIS	1									1		1										3
008.0	E.COLI 0157	4	2								2		1										9
007.1	GIARDIA LAMBLIA	11	2		1		2				3		1				1						21
070.1	HEPATITIS A	3																					3
070.3	HEPATITIS B	2																					2
070.51	HEPATITIS C	27	2		3			1	1		1				1		3						39
B95.6	MRSA/VRSA	31	5				1		1		2	1	2			9	3	14	5				74
728.86	NECROTIZING FASCIITIS																	1					1
033.0	PERTUSSIS	1									1												2
003.0	SALMONELLA	6			1				2		1		1				1	1	1				14
038.2	STREP.PNEUMOCOCCAL	3									1												4
013	TUBERCULOSIS - NON- RESPIR.	7												1				3					11
011	TUBERCULOSIS - RESP.	3														1	1	10					15
010	TUBERCULOSIS-PRIM.	1																1					2
B96.8	VANCOMYCIN RES. ENTER.	15															1						16
047.1	VIRAL MENINGITIS-ECHO	3																	1				4
047.8	VIRAL MENINGITIS-ENTERO	4																					4
		126	15		6		6	1	4		17	1	14	1	1	10	10	30	8				250
Missing Investigation Forms (Jan.1 to end of August)		119	12	1	2	1	11	4	5		4	1	6	3	1		4	12	2	1	3	1	193

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

Page 3

STD Infection Summary Report - September 2004

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2003	2004	2003	2004
All Chlamydia Infections	321	389	2802	3146
All Gonorrhea Infections (including PRNG)	95	99	632	818
All Syphilis Infections	10	11	54	49
Gonorrhea & Chlamydia Co-infections	42	35	256	333
Penicillin Resistant Gonorrhea Infections (PRNG)			3	
Suspect PRNG				
HIV	13	9	82	78

Total Number of STD Cases by Age and Gender - September 2004

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					6		104	28	89	36	33	19	16	15	3	4						354
Gonorrhea Only Cases							1		6	4	10	17	5	4	1	9		5		2				64
Syphilis Only Cases									1		1		1	2		1	1	2		1		1		11
GC and CT Cases							2		9	5	5	4	2	3	1	3				1				35
		1					9		120	37	105	57	41	28	18	28	4	11		4		1		464
HIV												1	1	2		2		2		1				9

Regional STD Distribution - September 2004

Disease/Infection	Winnipeg	Brandon	N.Eastman		S.Eastman		Interlake		Central		Assiniboine		Parkland		Norman		Burntwood		Churchill	OOP	Missing	TOTAL
Case Referred to:*			F	P	F	P	F	P	F	P	F	P	F	P	F	P	F	P				
All Chlamydia Infections	212	14	5	12		9		12		17		8	1	13	1	15	45	23	1	1		389
All Gonorrhea Infections	64		2	3		1				3				1			14	10		1		99
All Syphilis Infections	10	1																				11
GC and CT Infections	19		1	1						1				1			9	3				35

Missing Investigation Forms (Jan.1 to end of August)	40	19	12	18		4	2	5	1	9		22	2	3	5	11	22	12				187
---	----	----	----	----	--	---	---	---	---	---	--	----	---	---	---	----	----	----	--	--	--	-----

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



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 the **Summary of Communicable Diseases for the Month of October 2004**. This report reflects the number of cases of reportable communicable diseases for which individuals in Manitoba tested positive* during the month of October 2004.

Communicable Diseases

In total, there were **213** new infections occurring across 22 communicable diseases** (excluding sexually transmitted infections and HIV) in October 2004. The observed number of cases was within the expected range for most of the reported communicable diseases with the exception of Tularaemia (1 case observed; expected range=0 cases). The expected number of cases and accompanying range is based on the number of cases during September, October and November 1999-2003.

Sexually Transmitted Infections & Blood-Borne Pathogens

There were **439** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) in October: 331 cases of chlamydia (Ct), 58 cases of gonorrhoea (Gc), 48 Gc-Ct co-infections, and 2 cases of syphilis. Almost half (47.1%) of all Gc and Ct cases in the province were reported in females between the ages of 15 and 24. More than half (52.9%) of all Gc and Ct cases were reported for individuals from the Winnipeg health region, and an additional 16.9% were from the Burntwood health region.

In October **32** individuals tested positive for hepatitis C, 69% of which were reported from the Winnipeg region. Two-thirds of the new hepatitis C cases were reported among males aged 30-49 years (22 of 32 cases). Additionally, eight individuals tested positive for HIV in October.

*Note: Data for the monthly summary is aggregated based on the earliest of either symptom onset data, specimen collection date, or report date. For the majority of cases, the date used will be the specimen collection date.

**Note: The following communicable diseases are reportable to the Director of Communicable Disease Control for surveillance purposes, and are not reported out for public health follow-up:

strongyloides (ICD9: 127.2)

ascariasis (ICD9: 127.0)

schistosomiasis (ICD9: 120)

leishmaniasis – unspecified (ICD9: 085.9)

penicillin-resistant streptococcus pneumoniae (ICD9: 481.9)

methicillin or vancomycin resistant staphylococcus aureus (MRSA/VRSA)

streptococcus pneumoniae – other site (ICD9: 041.2)

toxoplasmosis (ICD9: 130.9)

vancomycin resistant enterococci (VRE)

tuberculosis (ICD9: 013, 011, 010 – cases and contacts of tuberculosis are managed by the Provincial Tuberculosis Control Programme located at the Health Sciences Centre)

Cheers,

Dr. Carole Beaudoin
Epidemiologist, Communicable Diseases

SUMMARY OF COMMUNICABLE DISEASE FOR October 2004

ICD9	DISEASE/INFECTION	MONTHLY TOTAL				YEAR-TO-DATE	
		2003	2004	Expected*	Ex. Range**	2003	2004
006.9	AMEBIASIS		2	2	0-5	21	15
127.0	ASCARIASIS			0	0-0		
005.8	B. CEREUS				***	2	3
320.82	BAC. MENINGITIS - E.COL			0	0-0		
320.0	BAC. MENINGITIS - HAEM			0	0-0		
320.9	BAC. MENINGITIS - OTHER			0	0-1	1	
320.1	BAC. MENINGITIS - PNEUM		1	0	0-1	3	4
320.3	BAC. MENINGITIS - STAPH			0	0-1	1	1
320.2	BAC. MENINGITIS - STREP			0	0-1		1
320.7	BAC.MENINGITIS-LISTERIA						
005.1	BOTULISM				***		
023	BRUCELLOSIS			0	0-0		
005.2	C. PERFRINGENS				***	11	7
008.43	CAMPYLOBACTER	20	16	21	8-34	160	209
046.1	CREUTZFELD-JACOB DISEASE	1			***	2	
007.8	CRYPTOSPORIDIOSIS	3			***	36	21
065.4	DENGUE FEVER			0	0-0		
V02.4	DIPH.CARRIERS			0	0-1		
032	DIPH.THERIA CASES			0	0-0		1
123.4	DIPHYLLOBOTHRUM SPP	1			***	6	6
008.0	E. COLI-VEROTOXIGENIC	4	4	2	0-5	76	57
054.3	ENCEPHALITIS			0	0-0		
005.9	FOOD POISONING OTHER				***		
007.1	GIARDIA LAMBLIA	7	8		***	100	110
041.5	H.I.B.-NON MTGS		1	0	0-1		4
480.8	HANTA VIRUS				***		
283.11	HEMOLYTIC UREMIC SYNDROME				***		
070.1	HEPATITIS A	1		1	0-4	33	19
070.3	HEPATITIS B			1	0-2	5	4
070.51	HEPATITIS C	44	32		***	384	369
054.8	HERPES-W/UNSPEC.COMPI			0	0-0	1	
A83.0	JAPANESE ENCEPHALITIS				***		
482.83	LEGIONELLA			0	0-1	2	2
085.9	LEISHMANIASIS			0	0-0		
030.9	LEPROSY			0	0-0		3
027.0	LISTERIA MONOCYTOGENES			0	0-2	4	1
088.81	LYME DISEASE				***		1
084	MALARIA	2		1	0-3	8	9
055.9	MEASLES			0	0-0	1	1
036.0	MENINGOCOCCAL CSF			0	0-1	2	
036.82	MENINGOCOCCAL ARTHROPATH				***		
036.2	MENINGOCOCCAL BLOOD			0	0-1	1	
B95.6	MRSA/RSB	58	86		***	401	670
072.9	MUMPS			0	0-0		2
036.89	N.MENINGITIDIS.OTHER	1	1	0	0-1	2	8
728.86	NECROTIZING FASCIITIS	1	3		***	2	7
729.1	NECROTIZING MYOSITIS				***		
323.9	OTHER ENCEPHALITIS			0	0-1	1	
033.1	PARAPERTUSSIS				***		
002.9	PARATYPHOID			0	0-1	1	
027.2	PASTEURELLA MULTOCIDA						
033.0	PERTUSSIS	10	6		***	41	57
038.2	PNEUM SEPTICEMIA	13	3		***	62	38
073.9	PSITTACOSIS			0	0-1		
083.0	Q FEVER					3	
331.81	REYE'S SYNDROME				***		

* 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	
		2003	2004	Expected*	Ex. Range**	2003	2004
391	RHEUMATIC FEVER		1		***		5
056.9	RUBELLA				***		
771.0	RUBELLA CONGENITAL			0	0-0		
041.2	S.PNEUM.OTHER		3		***	6	16
003.0	SALMONELLA	19	10	14	3-25	160	128
120	SCHISTOSOMIASIS			0	0-1		
004	SHIGELLOSIS	1	4	5	0-22	18	12
005.0	STAPHYLOCOCCAL			0	0-0	1	
785.5	STAPHYLOCOCCUS AUREUS				***		
481.9	STREP.PNEUMONIA - PR			0	0-0		1
711.0	STREP.PNEUM.ARTHRITIS				***		
580.0	STREPT.GLOMERULONEPHRITIS				***		
040.89	STREPT TOXIC SHOCK				***	1	
481	STREPTOCOCCUS PNEUMONIAE				***	4	4
127.2	STRONGYLOIDES		1	0	0-1	3	1
037	TETANUS			0	0-1	1	
130.9	TOXOPLASMOSIS				***	3	
124	TRICHINOSIS			0	0-0		
086	TRYPANOSOMA CRUZI				***		
013	TUBERCULOSIS - NON-RESP.	2	3	3	0-6	21	24
011	TUBERCULOSIS - RESP.	5	6	6	0-13	68	78
010	TUBERCULOSIS-PRIM.	2		1	0-3	10	18
021.9	TULAREMIA		1	0	0-0		1
002.0	TYPHOID			0	0-1		
081.9	TYPHUS			0	0-1		
B96.8	VANCOMYCIN R. ENTEROCOCCI	20	17		***	143	144
005.4	VIBRIO PARAHAEEMOLYTICUS				***	1	
070.59	VIRAL HEP. OTHER				***		
047.0	VIRAL MENINGITIS-COXSACK			1	0-3	3	8
047.1	VIRAL MENINGITIS-ECHO	4	4	2	0-7	31	31
047.8	VIRAL MENINGITIS-ENTERO				***	9	11
054.72	VIRAL MENINGITIS-H.SIMP.				***	2	
047.9	VIRAL MENINGITIS-UNSPEC			0	0-1	1	1
062.1	W. EQUINE ENCEPHALITIS			0	0-0		
066.3	WEST NILE VIRUS			0	0-0		
008.44	YERSINIA ENTEROCOLITICA	1			***	7	9
		220	213			1866	2122

* 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 2004

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		
006.9	AMEBIASIS								1								1								2
320.1	BAC. MENINGITIS - PNEUM		1																						1
008.43	CAMPYLOBACTER	2		1		1	1	1									2	2		1	3		2		16
008.0	E. COLI 0157						1	1									1					1			4
007.1	GIARDIA LAMBLIA				1	1	1						1		1		1	1			1				8
041.5	HAEM.INFLUENZA B (not csf												1												1
070.51	HEPATITIS C												2		1	2	1	7	2	14	1	1		1	32
B95.6	MRSA/VRSA		2	3	2	3	1		2	1	1	1	1			2	2	4	3	4	4	13	36	1	86
728.86	NECROTIZING FASCITIS																2			1					3
036.89	NEISSERIA MGTS(Other)			1																					1
033.0	PERTUSSIS		2					1	2	1															6
391	RHEUMATIC FEVER							1																	1
003.0	SALMONELLA				2	1					1		1		1	1	1					2			10
004	SHIGELLOSIS			1					1							1						1			4
041.2	STREP.PNEUM.OTHER			1													1			1					3
038.2	STREP.PNEUMOCOCCAL SEPTIC			1									1								1				3
127.2	STRONGYLOIDIASIS																					1			1
013	TUBERCULOSIS - NON-RESP.									1	1			1											3
011	TUBERCULOSIS - RESP.											1		2		2				1					6
021.9	TULAREMIA																					1			1
B96.8	VANCOMYCIN RES. ENTER.															1		1			1	4	9	1	17
047.1	VIRAL MENINGITIS-ECHO					1					1	2													4
		2	5	8	5	7	4	4	6	3	4	7	4	4	4	10	16	10	17	9	11	20	51		213

SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR October 2004

ICD9	Disease/Infection	Winnipeg	Brandon	N.Eastman		S.Eastman		Interlake		Central		Assiniboine		Parkland		Norman		Burntwood		Churchill	OOP	Missing	TOTAL
Case Referred to:*				F	P	F	P	F	P	F	P	F	P	F	P	F	P	F	P				
006.9	AMEBIASIS	2																					2
320.1	BAC. MENINGITIS - PNEUM						1																1
008.43	CAMPYLOBACTER	5					1		3		4		3										16
008.0	E. COLI 0157	1										1	2										4
007.1	GIARDIA LAMBLIA	2									2		3				1						8
041.5	HAEM.INFLUENZA B (not csf										1												1
070.51	HEPATITIS C	22	2		2			1	2				1				1		1				32
B95.6	MRSA/VRSA	45	4		1		1	2	3		7		4		2	4	4	7	2				86
728.86	NECROTIZING FASCIITIS																	1	2				3
036.89	NEISSERIA MGTS(Other)	1																					1
033.0	PERTUSSIS	6																					6
391	RHEUMATIC FEVER												1										1
003.0	SALMONELLA	2	2						1		2				2			1					10
004	SHIGELLOSIS	2					1				1												4
041.2	STREP.PNEUM.OTHER	1							1		1												3
038.2	STREP.PNEUMOCOCCAL	1	2																				3
127.2	STRONGYLOIDIASIS	1																					1
013	TUBERCULOSIS - NON- RESP.	2																1					3
011	TUBERCULOSIS - RESP.	4								1								1					6
021.9	TULAREMIA		1																				1
B96.8	VANCOMYCIN RES. ENTER.	12	1						2		1											1	17
047.1	VIRAL MENINGITIS-ECHO	3									1												4
		112	12		3		4	3	12	1	20	1	14		4	4	6	11	5			1	213
Missing Investigation Forms (Jan.1 to end of September)		97	20	1	3	1	2	4	5		6		9	3	1		2	8	1	1	1	1	166

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

Page 3

STD Infection Summary Report - October 2004

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2003	2004	2003	2004
All Chlamydia Infections	376	379	3178	3531
All Gonorrhea Infections (including PRNG)	86	106	718	926
All Syphilis Infections	4	2	59	50
Gonorrhea & Chlamydia Co-infections	39	48	295	382
Penicillin Resistant Gonorrhea Infections (PRNG)			3	
Suspect PRNG				
HIV	8	8	90	86

Total Number of STD Cases by Age and Gender - October 2004

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		97	20	72	47	36	21	18	6	5	2		1	1			331
Gonorrhea Only Cases									9	6	9	3	5	9	4	9		2		2				58
Syphilis Only Cases																1		1						2
GC and CT Cases							1	1	9	7	11	8	2	1	3	3	1	1						48
							6	1	115	33	92	58	43	31	25	19	6	6		3	1			439
HIV	1								1			1	2	1				1				1		8

Regional STD Distribution - October 2004

Disease/Infection	Winnipeg	Brandon	N.Eastman		S.Eastman		Interlake		Central		Assiniboine		Parkland		Norman		Burntwood		Churchill	OOP	Missing	TOTAL
Case Referred to:*			F	P	F	P	F	P	F	P	F	P	F	P	F	P	F	P				
All Chlamydia Infections	193	21	4	3		12	4	13	1	18		5	1	11	2	23	52	13	1	2		379
All Gonorrhea Infections	60	6	2	1		1	1	2		4		2		2	1	1	18	4		1		106
All Syphilis Infections	1											1										2
GC and CT Infections	22	4					1	1		3		1		2	1		12	1				48

Missing Investigation Forms (Jan.1 to end of September)	43	19	4	22		2	1	3		8		20	2	4	2	6	11	8				155
--	----	----	---	----	--	---	---	---	--	---	--	----	---	---	---	---	----	---	--	--	--	-----

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



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 the **Summary of Communicable Diseases for the Month of November 2004**. This report reflects the number of cases of reportable communicable diseases for which individuals in Manitoba tested positive* during the month of November 2004.

Communicable Diseases

In total, there were **221** new infections occurring across 21 communicable diseases** (excluding sexually transmitted infections and HIV) in November 2004. The observed number of cases was within the expected range for most of the reported communicable diseases with the exception of *Streptococcus pneumoniae* pneumonia (1 case observed; expected range=0 cases). The expected number of cases and accompanying range is based on the number of cases during October, November, and December 1999-2003.

Sexually Transmitted Infections & Blood-Borne Pathogens

There were **416** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) in November: 336 cases of chlamydia (Ct), 43 cases of gonorrhoea (Gc), 33 Gc-Ct co-infections, and 4 cases of syphilis. About 45% of all Gc and Ct cases in the province were reported in females between the ages of 15 and 24. Half (50.7%) of all Gc and Ct cases were reported for individuals from the Winnipeg health region, and an additional 21.3% were from the Burntwood health region.

In November **38** individuals tested positive for hepatitis C, 60% of which were reported from the Winnipeg region; an additional 10% of cases were from the Interlake health region. About 42% of new hepatitis C cases reported in November were reported among males aged 30-49 years (16 of 38 cases). Additionally, thirteen individuals tested positive for HIV in November.

*Note: Data for the monthly summary is aggregated based on the earliest of either symptom onset data, specimen collection date, or report date. For the majority of cases, the date used will be the specimen collection date.

**Note: The following communicable diseases are reportable to the Director of Communicable Disease Control for surveillance purposes, and are not reported out for public health follow-up:

strongyloid es (ICD9: 127.2)

ascariasis (ICD9: 127.0)

schistosomiasis (ICD9: 120)

leishmaniasis – unspecified (ICD9: 085.9)

penicillin-resistant streptococcus pneumoniae (ICD9: 481.9)

methicillin or vancomycin resistant staphylococcus aureus (MRSA/VRSA)

streptococcus pneumoniae – other site (ICD9: 041.2)

toxoplasmosis (ICD9: 130.9)

vancomycin resistant enterococci (VRE)

tuberculosis (ICD9: 013, 011, 010 – cases and contacts of tuberculosis are managed by the Provincial Tuberculosis Control Programme located at the Health Sciences Centre)

Cheers,

Dr. Carole Beaudoin

Epidemiologist, Communicable Diseases

SUMMARY OF COMMUNICABLE DISEASE FOR November 2004

ICD9	DISEASE/INFECTION	MONTHLY TOTAL				YEAR-TO-DATE	
		2003	2004	Expected*	Ex. Range**	2003	2004
006.9	AMEBIASIS	1	2	2	0-6	22	17
127.0	ASCARIASIS			0	0-0		
005.8	B. CEREUS				***	2	3
320.82	BAC. MENINGITIS - E.COL			0	0-0		
320.0	BAC. MENINGITIS - HAEM			0	0-1		
320.9	BAC. MENINGITIS - OTHER	2		0	0-1	3	
320.1	BAC. MENINGITIS - PNEUM	2		1	0-2	5	4
320.3	BAC. MENINGITIS - STAPH			0	0-1	1	1
320.2	BAC. MENINGITIS - STREP			0	0-1		1
320.7	BAC.MENINGITIS-LISTERIA						
005.1	BOTULISM				***		
023	BRUCELLOSIS			0	0-0		
005.2	C. PERFRINGENS	2	1		***	13	8
008.43	CAMPYLOBACTER	14	17	15	0-30	174	227
046.1	CREUTZFELD-JACOB DISEASE				***	2	
007.8	CRYPTOSPORIDIOSIS	2	1		***	38	22
065.4	DENGUE FEVER			0	0-0		
V02.4	DIPH.CARRIERS	1		0	0-1	1	
032	DIPHThERIA CASES			0	0-0		1
123.4	DIPHYLLOBOTHRIUM SPP	1			***	7	6
008.0	E. COLI-VEROTOXIGENIC	5	2	2	0-5	81	59
054.3	ENCEPHALITIS			0	0-1		
005.9	FOOD POISONING OTHER				***		
007.1	GIARDIA LAMBLIA	11	17		***	111	127
041.5	H.I.B.-NON MTGS	1		0	0-1	1	5
480.8	HANTA VIRUS				***		
283.11	HEMOLYTIC UREMIC SYNDROME				***		
070.1	HEPATITIS A			1	0-4	33	19
070.3	HEPATITIS B			1	0-2	5	4
070.51	HEPATITIS C	35	38		***	419	406
054.8	HERPES-W/UNSPEC.COMPI			0	0-0	1	
A83.0	JAPANESE ENCEPHALITIS				***		
482.83	LEGIONELLA			0	0-1	2	2
085.9	LEISHMANIASIS			0	0-0		
030.9	LEPROSY			0	0-0		3
027.0	LISTERIA MONOCYTOGENES			0	0-2	4	1
088.81	LYME DISEASE				***		1
084	MALARIA			1	0-3	8	9
055.9	MEASLES			0	0-0	1	1
036.0	MENINGOCOCCAL CSF			0	0-1	2	
036.82	MENINGOCOCCAL ARTHROPATH				***		
036.2	MENINGOCOCCEMIA BLOOD			0	0-1	1	
B95.6	MRSA/VRSA	54	93		***	455	762
072.9	MUMPS			0	0-0		2
036.89	N.MENINGITIDIS.OTHER			0	0-1	2	8
728.86	NECROTIZING FASCIITIS				***	2	7
729.1	NECROTIZING MYOSITIS				***		
323.9	OTHER ENCEPHALITIS			0	0-1	1	
033.1	PARAPERTUSSIS				***		
002.9	PARATYPHOID			0	0-1	1	
027.2	PASTEURELLA MULTOCIDA						
033.0	PERTUSSIS	5	7		***	46	65
038.2	PNEUM SEPTICEMIA	4	4		***	66	42
073.9	PSITTACOSIS			0	0-0		
083.0	Q FEVER					3	
331.81	REYE'S SYNDROME				***		

* 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	
		2003	2004	Expected*	Ex. Range**	2003	2004
391	RHEUMATIC FEVER				***		5
056.9	RUBELLA				***		
771.0	RUBELLA CONGENITAL			0	0-0		
041.2	S.PNEUM.OTHER	2	1		***	8	17
003.0	SALMONELLA	6	16	11	2-20	166	146
120	SCHISTOSOMIASIS	1		0	0-1	1	
004	SHIGELLOSIS		2	3	0-16	18	14
005.0	STAPHYLOCOCCAL			0	0-0	1	
785.5	STAPHYLOCOCCUS AUREUS				***		
481.9	STREP.PNEUMONIA - PR		1	0	0-0		2
711.0	STREP.PNEUM.ARTHRITIS				***		
580.0	STREPT.GLOMERULONEPHRITIS				***		
040.89	STREPT TOXIC SHOCK				***	1	
481	STREPTOCOCCUS PNEUMONIAE		1		***	4	5
127.2	STRONGYLOIDES			0	0-0	3	1
037	TETANUS			0	0-0	1	
130.9	TOXOPLASMOSIS				***	3	
124	TRICHINOSIS			0	0-1		
086	TRYPANOSOMA CRUZI				***		
013	TUBERCULOSIS - NON-RESP.	1	2	2	0-5	22	26
011	TUBERCULOSIS - RESP.	13	4	8	3-13	81	82
010	TUBERCULOSIS-PRIM.	1	3	1	0-4	11	20
021.9	TULAREMIA			0	0-1		1
002.0	TYPHOID			0	0-1		
081.9	TYPHUS			0	0-1		
B96.8	VANCOMYCIN R. ENTEROCOCCI	11	7		***	154	151
005.4	VIBRIO PARAHAEEMOLYTICUS				***	1	
070.59	VIRAL HEP. OTHER				***		
047.0	VIRAL MENINGITIS-COXSACK			0	0-1	3	8
047.1	VIRAL MENINGITIS-ECHO			1	0-3	31	31
047.8	VIRAL MENINGITIS-ENTERO	1	1		***	10	12
054.72	VIRAL MENINGITIS-H.SIMP.				***	2	
047.9	VIRAL MENINGITIS-UNSPEC	1		0	0-1	2	1
062.1	W. EQUINE ENCEPHALITIS			0	0-0		
066.3	WEST NILE VIRUS			0	0-0		
008.44	YERSINIA ENTEROCOLITICA	1	1		***	8	10
		178	221			2044	2345

* 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 November 2004

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		
006.9	AMEBIASIS					1										1									2
005.2	C. PERFRINGENS											1													1
008.43	CAMPYLOBACTER		2	1	1					1			1		1		4	2	1	1	1		1		17
007.8	CRYPTOSPORIDIOSIS					1																			1
008.0	E.COLI 0157											1		1											2
007.1	GIARDIA LAMBLIA	1			1		1	4		2				1	1	1			1	1	2	1			17
070.51	HEPATITIS C											1		2	1	2	6	4	10	3	5	3	1		38
B95.6	MRSA/VRSA	1	7	2	2	1	1	3	4	2		1	1	1	2	4	6	4	2	4	3	20	22		93
481.9	PENICILLIN-RESIS STREP.PN																					1			1
033.0	PERTUSSIS					1		1						1				2	1			1			7
003.0	SALMONELLA			1	1	1	2	1	1		1	1				1		1	1	1	1	2	1		16
004	SHIGELLOSIS						1											1							2
481	STREP. PNEUMONIAE PNEUMON																			1					1
041.2	STREP.PNEUM.OTHER																					1			1
038.2	STREP.PNEUMOCOCCAL SEPTIC				1									1				1				1			4
038.0	STREPTOCOCCAL SEPTICEMIA																			1					1
013	TUBERCULOSIS - NON-RESP.											1						1							2
011	TUBERCULOSIS - RESP.											1			1							2			4
010	TUBERCULOSIS-PRIM.				1		1	1																	3
B96.8	VANCOMYCIN RES. ENTER.															1						3	3		7
047.8	VIRAL MENINGITIS-ENTERO							1																	1
008.44	YERSINIA ENTEROCOLITICA																					1			1
		2	9	4	7	5	6	11	5	5	1	7	2	6	7	7	19	14	17	11	13	31	33		222

SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR November 2004

ICD9	Disease/Infection	Winnipeg	Brandon	N.Eastman		S.Eastman		Interlake		Central		Assiniboine		Parkland		Norman		Burntwood		Churchill	OOP	Missing	TOTAL
Case Referred to:*				F	P	F	P	F	P	F	P	F	P	F	P	F	P	F	P				
006.9	AMEBIASIS	2																					2
005.2	C. PERFRINGENS	1																					1
008.43	CAMPYLOBACTER	8					2		1		2		3					1					17
007.8	CRYPTOSPORIDIOSIS						1																1
008.0	E.COLI 0157	2																					2
007.1	GIARDIA LAMBLIA	11					2				2		2										17
070.51	HEPATITIS C	23	1		1		1	2	2		3				1		1	1			2		38
B95.6	MRSA/VRSA	47	3	2			2	1	3		1		6		1	4	5	11	7				93
481.9	PENICILLIN-RESIS STREP.PN	1																					1
033.0	PERTUSSIS	1							2	2	2												7
003.0	SALMONELLA	7					1		3		3							2					16
004	SHIGELLOSIS	2																					2
481	STREP. PNEUMONIAE	1																					1
041.2	STREP.PNEUM.OTHER								1														1
038.2	STREP.PNEUMOCOCCAL	2	1	1																			4
038.0	STREPTOCOCCAL																			1			1
013	TUBERCULOSIS - NON-																1	1					2
011	TUBERCULOSIS - RESP.	1							1								2						4
010	TUBERCULOSIS-PRIM.	1															2						3
B96.8	VANCOMYCIN RES. ENTER.	5									2												7
047.8	VIRAL MENINGITIS-ENTERO																	1					1
008.44	YERSINIA	1																					1
		116	5	3	1		9	3	13	2	15		11		2	4	6	20	9		3		222
Missing Investigation Forms (Jan.1 to end of October)		112	20	1	3	1	3	5	8		10		10	3	2		3	9	1	1		1	193

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

Page 3

STD Infection Summary Report - November 2004

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2003	2004	2003	2004
All Chlamydia Infections	271	369	3449	3903
All Gonorrhea Infections (including PRNG)	89	76	807	1003
All Syphilis Infections	8	4	67	55
Gonorrhea & Chlamydia Co-infections	30	33	325	416
Penicillin Resistant Gonorrhea Infections (PRNG)			3	
Suspect PRNG				
HIV	11	13	101	99

Total Number of STD Cases by Age and Gender - November 2004

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							8		91	28	74	41	28	24	11	21	4	4		2				336
Gonorrhea Only Cases									5	3	7	6	5	7	2	3		1	1	1		2		43
Syphilis Only Cases													1			2						1		4
GC and CT Cases							3		7	4	2	5	2	4	3	1		1		1				33
							11		103	35	83	52	36	35	16	27	4	6	1	4		3		416
HIV											1		1	1	4	4		2						13

Regional STD Distribution - November 2004

Disease/Infection	Winnipeg	Brandon	N.Eastman		S.Eastman		Interlake		Central		Assiniboine		Parkland		Norman		Burntwood		Churchill	OOP	Missing	TOTAL
Case Referred to:*			F	P	F	P	F	P	F	P	F	P	F	P	F	P	F	P				
All Chlamydia Infections	183	16	5	10		11	2	15		17		11		7	3	9	60	16	1	3		369
All Gonorrhea Infections	38	1	1	1		2	1	3		2		1					20	6				76
All Syphilis Infections	3											1										4
GC and CT Infections	12	1		1		1		1		2		1					12	2				33

Missing Investigation Forms (Jan.1 to end of October)	50	22	6	25		6	2	6		7		13	1	2	4	7	15	6		1		173
--	----	----	---	----	--	---	---	---	--	---	--	----	---	---	---	---	----	---	--	---	--	-----

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



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 December 2004**” for your review. The December monthly report is of particular interest as it also reflects a complete calendar year’s worth of activity for reportable communicable diseases compared to the previous calendar year.

Communicable Diseases

In total, there were **189** new infections occurring across 17 communicable diseases** (excluding sexually transmitted infections and HIV) in December 2004. The observed number of cases was within the expected range for most of the reported communicable diseases, with the exception of Ascariasis (observed 3 cases; expect 0 cases) and Respiratory Tuberculosis (observed 12 cases; expect 1-11 cases). The expected number of cases and accompanying range is based on the number of reported cases during November and December 1999-2003 and January 2000-2004.

Comparing 2004 year end totals with those in 2003, the Communicable Disease Control Unit witnessed a 14% increase in the overall number of reportable communicable diseases. Much of this increase is due to a 63% increase in reported cases of Methicillin and/or Vancomycin Resistant Staphylococcus Aureus (MRSA/VRSA). Cases of Pertussis and Campylobacter also increased in 2004, each by about one-third more cases than in the previous year. Other diseases showing increases from 2003 to 2004 include Giardia Lamblia (19% increase) and Primary Tuberculosis (almost doubling of cases). Decreases from 2003 were observed for some diseases, most notably Cryptosporidiosis (42% decrease), E. coli (29% decrease) and Pneumococcal Septicemia (one-third fewer cases).

Sexually Transmitted Infections & Blood-Borne Pathogens

There were **353** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) in December: 263 cases of chlamydia (Ct), 51 cases of gonorrhoea (Gc), 32 Gc-Ct co-infections, and 7 cases of syphilis. Almost 45% of all Gc and Ct cases in the province were reported in females between the ages of 15 and 24. Almost half (47.4%) of Gc and Ct cases in December were reported for individuals from the Winnipeg health region, and an additional 19.7% were from the Burntwood health region.

The total number of chlamydia infections for 2004 was 4208; 498 more infection than reported for 2003, reflecting a 13% increase. Gonorrhoea cases rose by 23% in 2004 compared to 2003, reflecting 204 more infections (1089 cases in 2004; 885 cases in 2003).

In December **29** individuals tested positive for hepatitis C, 69% of which were reported from the Winnipeg region; an additional 13% of cases were from the Interlake health region. Males aged 30-49 years accounted for half (51.7%) of all new cases. In 2004, 435 individuals tested positive for hepatitis C; indicating a 4% decrease from the 455 cases reported in 2003. Ten new cases of HIV were reported in December, bringing the year-to-date total to 109 new cases (110 cases were reported in 2003).

Outbreak Summary

Reports of suspected or confirmed outbreaks are directed to the CDC Unit by:

- (a) a phone call/email from public health staff within a RHA;
- (b) a phone call/email from Cadham Provincial Laboratory advising of the assignment of an outbreak code; or
- (c) completion and submission of an outbreak form

In 2004, 67 outbreaks were reported to the Communicable Disease Control Unit. Seventy per cent of these outbreaks (47 of 67) occurred in personal care homes. About two-thirds of the reported outbreaks (68.6%) were for gastrointestinal symptoms, and an additional 23.8% were respiratory outbreaks.

An infectious agent was confirmed in little more than one-third of all outbreaks (38.8%) in 2004. Of the 67 reported outbreaks:

- 13 were confirmed as Small Round Enteric Virus,
- 4 confirmed Influenza A,
- 2 confirmed Scabies, and
- 1 confirmed as each of Salmonella, Clostridium Perfringens, Pertussis, Hepatitis C, Varicella, MRSA, and Tularemia (in animal population only).

Please feel free to contact the Communicable Disease Control Unit Epidemiologist should you have any questions about the content of this summary at CaBeaudoin@gov.mb.ca.

Cheers,

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

*Note: The following communicable diseases are reportable to the Director of Communicable Disease Control for surveillance purposes, and are not reported out for public health follow-up:

strongyloids (ICD9: 127.2)

ascariasis (ICD9: 127.0)

schistosomiasis (ICD9: 120)

leishmaniasis – unspecified (ICD9: 085.9)

penicillin-resistant streptococcus pneumoniae (ICD9: 481.9)

methicillin or vancomycin resistant staphylococcus aureus (MRSA/VRSA)

streptococcus pneumoniae – other site (ICD9: 041.2)

toxoplasmosis (ICD9: 130.9)

vancomycin resistant enterococci (VRE)

tuberculosis (ICD9: 013, 011, 010 – cases and contacts of tuberculosis are managed by the Tuberculosis Control Programme at the Health Sciences Centre, rather than by Public Health)

SUMMARY OF COMMUNICABLE DISEASE FOR December 2004

ICD9	DISEASE/INFECTION	MONTHLY TOTAL				YEAR-TO-DATE	
		2003	2004	Expected*	Ex. Range**	2003	2004
006.9	AMEBIASIS	3	4	4	0-9	25	21
127.0	ASCARIASIS		3	0	0-0		3
005.8	B. CEREUS				***	2	3
320.82	BAC. MENINGITIS - E.COL			0	0-0		
320.0	BAC. MENINGITIS - HAEM			0	0-1		
320.9	BAC. MENINGITIS - OTHER			0	0-1	3	
320.1	BAC. MENINGITIS - PNEUM	1		1	0-4	6	4
320.3	BAC. MENINGITIS - STAPH			0	0-1	1	1
320.2	BAC. MENINGITIS - STREP		1	0	0-1		2
320.7	BAC.MENINGITIS-LISTERIA						
005.1	BOTULISM				***		
023	BRUCELLOSIS			0	0-0		
005.2	C. PERFRINGENS	2	2		***	15	10
008.43	CAMPYLOBACTER	5	11	13	3-23	179	239
046.1	CREUTZFELD-JACOB DISEASE	1			***	3	
007.8	CRYPTOSPORIDIOSIS				***	38	22
065.4	DENGUE FEVER			0	0-0		
V02.4	DIPH.CARRIERS			0	0-0	1	
032	DIPHTHERIA CASES			0	0-0		1
123.4	DIPHYLLOBOTHRUM SPP				***	7	6
008.0	E. COLI-VEROTOXIGENIC	2		2	0-5	83	59
054.3	ENCEPHALITIS			0	0-1		
005.9	FOOD POISONING OTHER				***		
007.1	GIARDIA LAMBLIA	7	12		***	118	141
041.5	H.I.B.-NON MTGS			0	0-1	1	5
480.8	HANTA VIRUS				***		
283.11	HEMOLYTIC UREMIC SYNDROME				***		
070.1	HEPATITIS A	1	1	1	0-4	34	20
070.3	HEPATITIS B		1	1	0-2	5	5
070.51	HEPATITIS C	37	29		***	455	435
054.8	HERPES-W/UNSPEC.COMPI			0	0-0	1	
A83.0	JAPANESE ENCEPHALITIS				***		
482.83	LEGIONELLA			0	0-1	2	2
085.9	LEISHMANIASIS			0	0-0		
030.9	LEPROSY			0	0-0		3
027.0	LISTERIA MONOCYTOGENES			0	0-1	4	1
088.81	LYME DISEASE				***		1
084	MALARIA		1	1	0-3	8	10
055.9	MEASLES			0	0-1	1	1
036.0	MENINGOCOCCAL CSF			0	0-2	2	
036.82	MENINGOCOCCAL ARTHROPATH				***		
036.2	MENINGOCOCCEMIA BLOOD			0	0-1	1	
B95.6	MRSA/VRSA	55	71		***	510	831
072.9	MUMPS			0	0-1		2
036.89	N.MENINGITIDIS.OTHER			0	0-0	2	8
728.86	NECROTIZING FASCIITIS	2			***	4	7
729.1	NECROTIZING MYOSITIS				***		
323.9	OTHER ENCEPHALITIS			0	0-1	1	
033.1	PARAPERTUSSIS	1			***	1	
002.9	PARATYPHOID			0	0-1	1	
027.2	PASTEURELLA MULLERII						
033.0	PERTUSSIS	10	11		***	56	78
038.2	PNEUM. SEPTICEMIA	9	7		***	75	49
073.9	PSITTACOSIS			0	0-0		
083.0	Q FEVER					3	
331.81	REYE'S SYNDROME				***		

* 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	
		2003	2004	Expected*	Ex. Range**	2003	2004
391	RHEUMATIC FEVER				***		5
056.9	RUBELLA				***		
771.0	RUBELLA CONGENITAL			0	0-0		
041.2	S.PNEUMOTHER				***	8	17
003.0	SALMONELLA	5	12	14	3-25	171	159
120	SCHISTOSOMIASIS	1		0	0-0	2	
004	SHIGELLOSIS	1		4	0-14	19	14
005.0	STAPHYLOCOCCAL			0	0-1	1	
785.5	STAPHYLOCOCCUS AUREUS				***		
481.9	STREP.PNEUMONIA - PR			0	0-0		2
711.0	STREP.PNEUM. ARTHRITIS				***		
580.0	STREPT. GLOMERULONEPHRITIS				***		
040.89	STREPT TOXIC SHOCK	1			***	2	
481	STREPTOCOCCUS PNEUMONIAE				***	4	5
127.2	STRONGYLOIDES			0	0-0	3	1
037	TETANUS			0	0-0	1	
130.9	TOXOPLASMOSIS				***	3	
124	TRICHINOSIS			0	0-1		
086	TRYPANOSOMA CRUZI				***		
013	TUBERCULOSIS - NON-RESP.	2	1	2	0-4	24	27
011	TUBERCULOSIS - RESP.	8	12	6	1-11	89	94
010	TUBERCULOSIS-PRIM.			1	0-4	11	20
021.9	TULAREMIA			0	0-1		1
002.0	TYPHOID			0	0-1		
081.9	TYPHUS			0	0-0		
B96.8	VANCOMYCIN R. ENTEROCOCCI	27	10		***	181	161
005.4	VIBRIO PARAHAEEMOLYTICUS				***	1	
070.59	VIRAL HEP. OTHER				***		
047.0	VIRAL MENINGITIS-COXSACK			0	0-1	3	8
047.1	VIRAL MENINGITIS-ECHO			1	0-4	31	31
047.8	VIRAL MENINGITIS-ENTERO				***	10	12
054.72	VIRAL MENINGITIS-H.SIMP.				***	2	
047.9	VIRAL MENINGITIS-UNSPEC			0	0-2	2	1
062.1	W. EQUINE ENCEPHALITIS			0	0-0		
066.3	WEST NILE VIRUS			0	0-0		
008.44	YERSINIA ENTEROCOLITICA				***	8	11
		181	189			2224	2539

* 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 December 2004

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		
006.9	AMEBIASIS													1		1	1						1		4
127.0	ASCARIASIS							1	1	1															3
320.2	BAC. MENINGITIS - STREP																					1			1
005.2	C. PERFRINGENS						1			1															2
008.43	CAMPYLOBACTER				1										1			3	1	1		4			11
007.1	GIARDIA LAMBLIA		1	3			2			1	1					1	1				1		1		12
070.1	HEPATITIS A															1									1
070.3	HEPATITIS B																				1				1
070.51	HEPATITIS C											1	1	1	1	3	8	5	7		2				29
084	MALARIA			1																					1
B95.6	MRSA/VRSA			3		4	2	2	2		1		2			1	4	4	4	3	2	17	20		71
033.0	PERTUSSIS	1	2	3	2	1			1															1	11
003.0	SALMONELLA		1		2	1							2					3			1	2			12
038.2	STREP.PNEUMOCOCCAL SEPTIC		1	1	1																2		2		7
013	TUBERCULOSIS - NON-RESP.																	1							1
011	TUBERCULOSIS - RESP.												1	2	1	2	1	1				3	1		12
B96.8	VANCOMYCIN RES. ENTER.																					5	5		10
		1	5	11	6	6	5	3	4	3	2	1	6	3	4	8	15	18	12	4	9	32	30		189

SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR December 2004

ICD9	Disease/Infection	Winnipeg	Brandon	N.Eastman	S.Eastman	Interlake	Central	Assiniboine	Parkland	Norman	Burntwood	Churchill	OOP	Missing	TOTAL								
Case Referred to:*				F	P	F	P	F	P	F	P	F	P	F	P								
006.9	AMEBIASIS	4																	4				
127.0	ASCARIASIS	3																	3				
320.2	BAC. MENINGITIS - STREP	1																	1				
005.2	C. PERFRINGENS	2																	2				
008.43	CAMPYLOBACTER	8			1		1		1										11				
007.1	GIARDIA LAMBLIA	4							3		1		1		1	2			12				
070.1	HEPATITIS A	1																	1				
070.3	HEPATITIS B	1																	1				
070.51	HEPATITIS C	20			1			2	2			3					1		29				
084	MALARIA	1																	1				
B95.6	MRSA/VRSA	38			1			2		2		3		2	3	4	11	4	71				
033.0	PERTUSSIS	6				1				4									11				
003.0	SALMONELLA	4						2		3				1		2			12				
038.2	STREP.PNEUMOCOCCAL SEPTIC	4	1			1				1									7				
013	TUBERCULOSIS - NON- RESP.	1																	1				
011	TUBERCULOSIS - RESP.	5						1	1							5			12				
B96.8	VANCOMYCIN RES. ENTER.	5												5					10				
		108	1		2		3	2	7	1	15		7		9	3	7	18	5			1	189
Missing Investigation Forms (Jan.1 to end of November)		133	23	2	2	1	5	5	11	2	8	1	12	3	2		5	10	2			1	228

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

Page 3

STD Infection Summary Report - December 2004

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2003	2004	2003	2004
All Chlamydia Infections	261	295	3710	4208
All Gonorrhea Infections (including PRNG)	78	83	885	1089
All Syphilis Infections	11	7	78	62
Gonorrhea & Chlamydia Co-infections	25	32	350	448
Penicillin Resistant Gonorrhea Infections (PRNG)			3	
Suspect PRNG				
HIV	9	10	110	109

Total Number of STD Cases by Age and Gender - December 2004

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			1		2		57	23	68	34	27	17	15	7	4	5		1		1		263
Gonorrhea Only Cases									6	4	5	9	5	4	5	5		5		2		1		51
Syphilis Only Cases															1	3		2		1				7
GC and CT Cases							2		11	4	6	3	2			2		2						32
		1			1		4		74	31	79	46	34	21	21	17	4	14		4		2		353
HIV	1										2					2	2	3						10

Regional STD Distribution - December 2004

Disease/Infection	Winnipeg	Brandon	N.Eastman		S.Eastman		Interlake		Central		Assiniboine		Parkland		Norman		Burntwood		Churchill	OOP	Missing	TOTAL
Case Referred to:*			F	P	F	P	F	P	F	P	F	P	F	P	F	P	F	P				
All Chlamydia Infections	136	8	5	12		1	4	15	2	11		17		13		13	32	25		1		295
All Gonorrhea Infections	42	2	2	1		1	3	1		7		1				1	14	8				83
All Syphilis Infections	7																					7
GC and CT Infections	14	1	1				3	1		1							7	4				32

Missing Investigation Forms (Jan.1 to end of November)	57	8	7	21		4	1	5		4		11	1	2	2	12	18	10		2		165
---	----	---	---	----	--	---	---	---	--	---	--	----	---	---	---	----	----	----	--	---	--	-----

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