



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

Please find attached the **Summary of Communicable Diseases for the Month of January 2006**. This report reflects the number of cases of reportable communicable diseases for which individuals in Manitoba tested positive* during the month of January 2006.

Communicable Diseases

In total, there were **337** new infections occurring across 22 communicable diseases** (excluding sexually transmitted infections and HIV) in January 2006. The observed number of cases were within the expected range for most of the reported communicable diseases with the exception of Methicillin resistant staphylococcus aureus (MRSA; 129 cases observed; expected range = 0-91 cases) and Herpes with unspecified complications (2 cases observed; 0 cases expected). The expected number of cases and accompanying range is based on the number of cases during December 2000-2004, January and February 2001-2005.

In January, Clostridium difficile and MRSA each accounted for one-third of all non-STI/HIV related communicable diseases reported to Manitoba Health. Both MRSA and C. difficile tend to be concentrated in the 60+ age group (accounting for 40% to 80% of all cases, respectively); although MRSA is found in all age groups.

Sexually Transmitted Infections & Blood-Borne Pathogens

There were **486** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) in January: 331 cases of chlamydia (Ct), 104 cases of gonorrhoea (GC), 45 GC-Ct co-infections, and 6 cases of syphilis. About 60% of all GC and Ct cases in the province were reported among youth aged 15-24 years. More than half of all GC and Ct cases were reported for individuals living in the Winnipeg health region (52.3%), and an additional 17.5% were from the Burntwood health region.

In January **26** individuals tested positive for hepatitis C (HCV), 69% of whom were reported from the Winnipeg health region. More than 70% of cases were reported in males, mostly in the 40-59 year age groups.

Ten Manitobans tested positive for HIV in January, 2006; six of these new cases were among females.

*Note: Data for the monthly summary are aggregated based on the earliest of: symptom onset date, 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:

ascariasis (ICD9: 127.0)

clostridium difficile (ICD9: 558.2)

leishmaniasis – unspecified (ICD9: 085.9)

methicillin or vancomycin resistant staphylococcus aureus (MRSA/VRSA)

penicillin-resistant streptococcus pneumoniae (ICD9: 481.9)

schistosomiasis (ICD9: 120)

streptococcus pneumoniae – other site (ICD9: 041.2)

strongyloides (ICD9: 127.2)

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

vancomycin resistant enterococci (VRE)

Cheers,

Dr. Carole Beaudoin
Epidemiologist, Communicable Diseases

SUMMARY OF COMMUNICABLE DISEASE FOR January 2006

ICD9	DISEASE/INFECTION	MONTHLY TOTAL				YEAR-TO-DATE	
		2005	2006	Expected*	Ex. Range**	2005	2006
006.9	AMEBIASIS	2	1	3	0-6	2	1
022	ANTHRAX				***		
127.0	ASCARIASIS			0	0-2		
005.8	B. CEREUS			0	0-1		
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		
320.1	BAC. MENINGITIS - PNEUM	1		1	0-4	1	
320.3	BAC. MENINGITIS - STAPH			0	0-1		
320.2	BAC. MENINGITIS - STREP			0	0-1		
320.7	BAC.MENINGITIS-LISTERIA				***		
005.1	BOTULISM				***		
023	BRUCELLOSIS			0	0-0		
005.2	C. PERFRINGENS	1	1	2	0-9	1	1
008.43	CAMPYLOBACTER	16	10	12	3-21	16	10
558.2	CLOSTRIDIUM DIFFICILE		113		***		113
046.1	CREUTZFELD-JACOB DISEASE				***		
007.8	CRYPTOSPORIDIOSIS		2	1	0-3		2
065.4	DENGUE FEVER			0	0-0		
V02.4	DIPH.CARRIERS			0	0-0		
032	DIPHThERIA CASES			0	0-0		
123.4	DIPHYLLOBOTHRIUM SPP			0	0-1		
008.0	E. COLI-VEROTOXIGENIC	3	4	3	0-10	3	4
054.3	ENCEPHALITIS			0	0-1		
005.9	FOOD POISONING OTHER			0	0-1		
007.1	GIARDIA LAMBLIA	4	7	9	1-17	4	7
041.5	H.I.B.-NON MTGS			0	0-1		
480.8	HANTA VIRUS			0	0-0		
283.11	HEMOLYTIC UREMIC SYNDROME			0	0-0		
070.1	HEPATITIS A	1	1	1	0-3	1	1
070.3	HEPATITIS B			0	0-1		
070.51	HEPATITIS C	41	26	41	21-61	41	26
054.8	HERPES-W-UNSPEC COMPL		2	0	0-0		2
A83.0	JAPANESE ENCEPHALITIS				***		
482.83	LEGIONELLA	1		0	0-1	1	
085.9	LEISHMANIASIS			0	0-0		
030.9	LEPROSY			0	0-1		
027.0	LISTERIA MONOCYTOGENES			0	0-1		
088.81	LYME DISEASE			0	0-0		
084	MALARIA		2	1	0-3		2
055.9	MEASLES			0	0-1		
036.0	MENINGOCOCCAL CSF		1	0	0-2		1
036.82	MENINGOCOCCAL ARTHROPATH				***		
036.2	MENINGOCOCCAL BLOOD	2		0	0-1	2	
B95.6	MRSA/VRSA	76	129	41	0-91	76	129
072.9	MUMPS		1	0	0-1		1
036.89	N.MENINGITIDIS OTHER		1	0	0-1		1
728.86	NECROTIZING FASCIITIS		2	1	0-3		2
729.1	NECROTIZING MYOSITIS				***		
323.9	OTHER ENCEPHALITIS			0	0-0		
033.1	PARAPERTUSSIS				***		
002.9	PARATYPHOID			0	0-1		
027.2	PASTEURELLA MULTOCIDA				***		
033.0	PERTUSSIS	8	4	5	0-13	8	4
038.2	PNEUM. SEPTICEMIA	8	3	6	2-10	8	3
073.9	PSITTACOSIS			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	
		2005	2006	Expected*	Ex. Range**	2005	2006
083.0	Q FEVER			0	0-0		
331.81	REYE'S SYNDROME				***		
391	RHEUMATIC FEVER			0	0-0		
056.9	RUBELLA			0	0-0		
771.0	RUBELLA CONGENITAL			0	0-0		
041.2	S.PNEUM.OTHER			0	0-1		
003.0	SALMONELLA	13	17	12	2-22	13	17
120	SCHISTOSOMIASIS			0	0-1		
004	SHIGELLOSIS	2	1	1	0-3	2	1
005.0	STAPHYLOCOCCAL			0	0-1		
785.5	STAPHYLOCOCCUS AUREUS				***		
481.9	STREP PNEUMONIA - PR			0	0-0		
711.0	STREP.PNEUM.ARTHRITIS			0	0-1		
580.0	STREPT GLOMERULONEPHRITIS			0	0-0		
040.89	STREPT TOXIC SHOCK			0	0-1		
481	STREPTOCOCCUS PNEUMONIAE			0	0-1		
127.2	STRONGYLOIDES			0	0-1		
037	TETANUS			0	0-0		
130.9	TOXOPLASMOSIS			1	0-5		
124	TRICHINOSIS			0	0-1		
086	TRYPANOSOMA CRUZI			0	0-0		
013	TUBERCULOSIS - NON-RESP.	2		1	0-3	2	
011	TUBERCULOSIS - RESP.	9	4	6	1-11	9	4
010	TUBERCULOSIS-PRIM.			1	0-3		
021.9	TULAREMIA			0	0-1		
002.0	TYPHOID			0	0-0		
081.9	TYPHUS			0	0-0		
B96.8	VANCOMYCIN R. ENTEROCOCCI	6	5		***	6	5
005.4	VIBRIO PARAHAEEMOLYTICUS				***		
070.59	VIRAL HEP. OTHER				***		
047.0	VIRAL MENINGITIS-COXSACK			0	0-1		
047.1	VIRAL MENINGITIS-ECHO			0	0-1		
047.8	VIRAL MENINGITIS-ENTERO				***		
054.72	VIRAL MENINGITIS-H SIMP			0	0-1		
047.9	VIRAL MENINGITIS-UNSPEC			0	0-1		
062.1	W. EQUINE ENCEPHALITIS			0	0-0		
196	WNV ASYMPTOMATIC INFECTION				***		
198	WNV NEUROLOGICAL SYNDROME				***		
197	WNV NON-NEUROLOGICAL SYND				***		
066.3	WNV UNCLASSIFIED				***		
008.44	YERSINIA ENTEROCOLITICA	1		0	0-1	1	
		197	337			197	337

* 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 2006

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
036.0	BAC.MGTS-NMGTS(MGCCL MGTS)	1																							1
005.2	C. PERFRINGENS																	1							1
008.43	CAMPYLOBACTER		2	2				1						1	1	1					2				10
558.2	CLOSTRIDIUM DIFFICILE				1					1		1		1		1	1	4	7	6		58	32		113
007.8	CRYPTOSPORIDIOSIS																	2							2
008.0	E.COLI 0157									1										1		1	1		4
007.1	GIARDIA LAMBLIA					1	1		1							1	2		1						7
070.1	HEPATITIS A																			1					1
070.51	HEPATITIS C									1		1	1		1		4	4	6		5		2	1	26
054.8	HERPES-W-UNSPEC COMPL													1						1					2
084	MALARIA			1											1										2
B95.6	MRSA/VRSA	2	3	4	2	2	4	4	3	6	4	2	3	3	3	5	8	9	5	2	4	20	31		129
072.9	MUMPS															1									1
728.86	NECROTIZING FASCIITIS																	1			1				2
036.89	NEISSERIA MGTS(Other)																1								1
033.0	PERTUSSIS	2	1											1											4
003.0	SALMONELLA			2			1			2		1		1		2	2	1	1	3		1			17
004	SHIGELLOSIS																	1							1
038.2	STREP.PNEUMOCOCCAL SEPTIC									1		1						1							3
011	TUBERCULOSIS - RESP.									1							1				1	1			4
B96.8	VANCOMYCIN RES. ENTER.																1	1		1		1	1		5
		5	6	9	3	3	6	5	4	10	7	5	5	8	6	11	20	22	23	16	13	82	67		337

SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR January 2006

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
036.0	BAC.MGTS-NMGTS(MGCCL M CTS	1																					1
005.2	C. PERFRINGENS	1																					1
008.43	CAMPYLOBACTER	2	1						1		2		2		2								10
558.2	CLOSTRIDIUM DIFFICILE	83	6		3		2		1		6		8		4								113
007.8	CRYPTOSPORIDIOSIS	1											1										2
008.0	E.COLI 0157	1							1		1		1										4
007.1	GIARDIA LAMBLIA	3									2				1		1						7
070.1	HEPATITIS A	1																					1
070.51	HEPATITIS C	18				1			3	1			1						1		1		26
054.8	HERPES-W-UNSPEC COMPL	2																					2
084	MALARIA	2																					2
B95.6	MRSA/VRSA	59	1		1			1	3		1		3		3	9	9	30	8			1	129
072.9	MUMPS	1													3								1
728.86	NECROTIZING FASCIITIS								1									1					2
036.89	NEISSERIA MGTS(other)	1																					1
033.0	PERTUSSIS	4																					4
003.0	SALMONELLA	9	1	1					2		2				1				1				17
004	SHIGELLOSIS	1																					1
038.2	STREP.PNEUMOCOCCAL SE DTIC	2																	1				3
011	TUBERCULOSIS - RESP.	2																2					4
B96.8	VANCOMYCIN RES. ENTER.	3					1				1												5
		198	9	1	4		4	1	12	1	15		16		11	9	10	32	12		1	1	337
Missing Investigation Forms (01/01/2005 - 12/31/2005)		99	9	1	1		9	5	1	2	3		34		1		4	4	2		2	1	178

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

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STD Infection Summary Report - January 2006

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2005	2006	2005	2006
All Chlamydia Infections	317	376	317	376
All Gonorrhea Infections (including PRNG)	67	149	67	149
All Syphilis Infections	3	6	3	6
Gonorrhea & Chlamydia Co-infections	29	45	29	45
Penicillin Resistant Gonorrhea Infections (PRNG)				
Suspect PRNG				
HIV	8	10	8	10

Total Number of STD Cases by Age and Gender - January 2006

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						9		81	24	72	43	36	24	15	16		7	1	2				331
Gonorrhea Only Cases							1		12	9	8	15	10	13	6	12	1	7		5	1	4		104
Syphilis Only Cases												1				2		2				1		6
GC and CT Cases							1		12	7	6	5	3	5		5		1						45
	1						11		105	40	86	64	49	42	21	35	1	17	1	7	1	5		486
HIV							1		2		1				2	2		2						10

Regional STD Distribution - January 2006

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	185	15	7	6		7	3	18		23		8	1	15	3	16	48	18		2	1	376
All Gonorrhea Infections	88	2	1	5			2	3		5		1	1	2	1	8	27	3				149
All Syphilis Infections	6																					6
GC and CT Infections	22	1		3			1	1					1	2	1	1	11	1				45

Missing Investigation Forms (01/01/2005 - 12/31/2005)	133	12	11	4		3	2	8	1	6		9	1	4	1	9	18	5		1		228
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* F=Federal Jurisdiction (includes First Nations and Inuit Health Branch and Stony Mountain Penitentiary) P=Provincial Jurisdiction



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Please find attached the **Summary of Communicable Diseases for the Month of February 2006**. This report reflects the number of cases of reportable communicable diseases for which individuals in Manitoba tested positive* during the month of February 2006.

Communicable Diseases

In total, there were **304** new infections occurring across 20 communicable diseases** (excluding sexually transmitted infections and HIV) in February 2006. The observed number of cases were within the expected range for most of the reported communicable diseases with the exception of Methicillin resistant staphylococcus aureus (MRSA; 123 cases observed; expected range = 0-92 cases). The expected number of cases and accompanying range is based on the number of cases during January, February, and March 2001-2005.

MRSA and Clostridium difficile continue to account for the bulk (i.e., over 70%) of all non-STI/HIV related communicable diseases reported to Manitoba Health. Both MRSA and C. difficile tend to be concentrated in the 60+ age group, although cases of MRSA are observed in all age groups.

Sexually Transmitted Infections & Blood-Borne Pathogens

There were **446** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) in February: 301 cases of chlamydia (Ct), 91 cases of gonorrhoea (GC), 49 GC-Ct co-infections, and 5 cases of syphilis. More than 60% of all GC and Ct cases in the province were reported among youth aged 15-24 years. About half of all GC and Ct cases were reported for individuals living in the Winnipeg health region (51.7%), and an additional 19.0% were from the Burntwood health region.

In February **18** individuals tested positive for hepatitis C (HCV), most of who were reported from the Winnipeg health region. Two-thirds of cases were reported in males, mostly in the 40-59 year age groups.

Nine Manitobans tested positive for HIV in February 2006; five of these new cases were among females.

*Note: Data for the monthly summary are aggregated based on the earliest of: symptom onset date, 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:

ascariasis (ICD9: 127.0)

clostridium difficile (ICD9: 558.2)

leishmaniasis – unspecified (ICD9: 085.9)

methicillin or vancomycin resistant staphylococcus aureus (MRSA/VRSA)

penicillin-resistant streptococcus pneumoniae (ICD9: 481.9)

schistosomiasis (ICD9: 120)

streptococcus pneumoniae – other site (ICD9: 041.2)

strongyloides (ICD9: 127.2)

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 February 2006

ICD9	DISEASE/INFECTION	MONTHLY TOTAL				YEAR-TO-DATE	
		2005	2006	Expected*	Ex. Range**	2005	2006
006.9	AMEBIASIS	4	2	3	0-6	6	3
022	ANTHRAX				***		
127.0	ASCARIASIS			0	0-0		
005.8	B. CEREUS			0	0-1		
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		
320.1	BAC. MENINGITIS - PNEUM			1	0-4	1	
320.3	BAC. MENINGITIS - STAPH			0	0-1		
320.2	BAC. MENINGITIS - STREP			0	0-1		
320.7	BAC.MENINGITIS-LISTERIA				***		
005.1	BOTULISM				***		
023	BRUCELLOSIS			0	0-0		
005.2	C. PERFRINGENS		1	1	0-3	1	2
008.43	CAMPYLOBACTER	15	7	14	7-21	31	17
558.2	CLOSTRIDIUM DIFFICILE	8	100		***	8	213
046.1	CREUTZFELD-JACOB DISEASE				***		
007.8	CRYPTOSPORIDIOSIS		1	1	0-3		3
065.4	DENGUE FEVER			0	0-1		
V02.4	DIPH.CARRIERS			0	0-0		
032	DIPHTHERIA CASES			0	0-0		
123.4	DIPHYLLOBOTHRIUM SPP	1		0	0-1	1	
008.0	E. COLI-VEROTOXIGENIC	1		4	0-10	4	4
054.3	ENCEPHALITIS			0	0-1		
005.9	FOOD POISONING OTHER			0	0-1		
007.1	GIARDIA LAMBLIA	4	15	10	2-18	8	22
041.5	H.I.B.-NON MTGS			0	0-2		
480.8	HANTA VIRUS			0	0-0		
283.11	HEMOLYTIC UREMIC SYNDROME			0	0-0		
070.1	HEPATITIS A	2	2	2	0-4	3	3
070.3	HEPATITIS B		1	0	0-1		1
070.51	HEPATITIS C	29	18	44	25-63	70	44
054.8	HERPES-W-UNSPEC COMPL		1	0	0-0		3
A83.0	JAPANESE ENCEPHALITIS				***		
482.83	LEGIONELLA	1		0	0-1	2	
085.9	LEISHMANIASIS			0	0-0		
030.9	LEPROSY			0	0-1		
027.0	LISTERIA MONOCYTOGENES			0	0-1		
088.81	LYME DISEASE			0	0-0		
084	MALARIA			1	0-3		2
055.9	MEASLES			0	0-1		
036.0	MENINGOCOCCAL CSF	1		1	0-3	1	1
036.82	MENINGOCOCCAL ARTHROPATH				***		
036.2	MENINGOCOCCAL BLOOD			1	0-3	2	
B95.6	MRSA/VRSA	76	123	43	0-92	152	252
072.9	MUMPS			0	0-1		1
036.89	N.MENINGITIDIS OTHER		1	0	0-1		2
728.86	NECROTIZING FASCIITIS		1	0	0-2		4
729.1	NECROTIZING MYOSITIS				***		
323.9	OTHER ENCEPHALITIS			0	0-0		
033.1	PARAPERTUSSIS				***		
002.9	PARATYPHOID			0	0-1		
027.2	PASTEURELLA MULTOCIDA				***		
033.0	PERTUSSIS	3		3	0-9	11	4
038.2	PNEUM. SEPTICEMIA	7	7	6	0-12	15	10
073.9	PSITTACOSIS			0	0-1		

* Mean of 15 month totals, from previous, comparable and subsequent months for the past 5 years

** Mean +/- 2 standard deviations of mean

*** Data collected for less than 5 years.

ICD9	DISEASE/INFECTION	MONTHLY TOTAL				YEAR-TO-DATE	
		2005	2006	Expected*	Ex. Range**	2005	2006
083.0	Q FEVER			0	0-1		
331.81	REYE'S SYNDROME				***		
391	RHEUMATIC FEVER			0	0-1		
056.9	RUBELLA			0	0-0		
771.0	RUBELLA CONGENITAL			0	0-0		
041.2	S.PNEUM.OTHER	1		1	0-4	1	
003.0	SALMONELLA	7	10	14	4-24	20	27
120	SCHISTOSOMIASIS			0	0-0		
004	SHIGELLOSIS	1	1	2	0-4	3	2
005.0	STAPHYLOCOCCAL			0	0-1		
785.5	STAPHYLOCOCCUS AUREUS				***		
481.9	STREP PNEUMONIA - PR			0	0-0		
711.0	STREP.PNEUM.ARTHRITIS			0	0-1		
580.0	STREPT GLOMERULONEPHRITIS			0	0-0		
040.89	STREPT TOXIC SHOCK			0	0-1		
481	STREPTOCOCCUS PNEUMONIAE			0	0-1		
127.2	STRONGYLOIDES			0	0-0		
037	TETANUS			0	0-0		
130.9	TOXOPLASMOSIS			1	0-4		
124	TRICHINOSIS			0	0-0		
086	TRYPANOSOMA CRUZI			0	0-0		
013	TUBERCULOSIS - NON-RESP.	1	3	1	0-3	3	4
011	TUBERCULOSIS - RESP.	5	5	6	2-10	14	9
010	TUBERCULOSIS-PRIM.			1	0-3		
021.9	TULAREMIA			0	0-0		
002.0	TYPHOID			0	0-0		
081.9	TYPHUS			0	0-0		
B96.8	VANCOMYCIN R. ENTEROCOCCI	4	4		***	10	9
005.4	VIBRIO PARAHAEMOLYTICUS				***		
070.59	VIRAL HEP. OTHER				***		
047.0	VIRAL MENINGITIS-COXSACK			0	0-1		
047.1	VIRAL MENINGITIS-ECHO			0	0-1		
047.8	VIRAL MENINGITIS-ENTERO				***		
054.72	VIRAL MENINGITIS-H SIMP			0	0-1		
047.9	VIRAL MENINGITIS-UNSPEC			0	0-1		
062.1	W. EQUINE ENCEPHALITIS			0	0-0		
196	WNV ASYMPTOMATIC INFECTION				***		
198	WNV NEUROLOGICAL SYNDROME				***		
197	WNV NON-NEUROLOGICAL SYND				***		
066.3	WNV UNCLASSIFIED				***		
008.44	YERSINIA ENTEROCOLITICA		1	1	0-2	1	1
		171	304			368	643

* 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 2006

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				1	1								1		1		2	1						7
558.2	CLOSTRIDIUM DIFFICILE	2	1									2				1		5	4	5	5	41	34		100
007.8	CRYPTOSPORIDIOSIS			1																					1
007.1	GIARDIA LAMBLIA	1		1	1		1			1						1	3	1		3	1	1			15
070.1	HEPATITIS A													1						1					2
070.3	HEPATITIS B											1													1
070.51	HEPATITIS C											1		1		2	2	1	5	1	3		1	1	18
054.8	HERPES-W-UNSPEC COMPL		1																						1
B95.6	MRSA/VRSA	3	3	6	4	1	6	5	1	3	1	2		4		2	5	5	6	5	4	26	31		123
728.86	NECROTIZING FASCIITIS																					1			1
036.89	NEISSERIA MGTS(other)																					1			1
003.0	SALMONELLA			1						1						2		4			1		1		10
004	SHIGELLOSIS											1													1
038.2	STREP.PNEUMOCOCCAL SEPTIC																	2			1	2	1	1	7
013	TUBERCULOSIS - NON-RESP.																	1	1			1			3
011	TUBERCULOSIS - RESP.											1	1			1		1		1					5
B96.8	VANCOMYCIN RES. ENTER.																	1				2	1		4
008.44	YERSINIA ENTEROCOLITICA	1																							1
		7	5	9	6	2	7	6	1	5	1	7	2	4	3	9	12	19	19	16	17	74	71		304

SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR February 2006

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													2
005.2	C. PERFRINGENS						1																1
008.43	CAMPYLOBACTER	3					1		2			1											7
558.2	CLOSTRIDIUM DIFFICILE	66	3		1		3		3		8		7		7		1		1				100
007.8	CRYPTOSPORIDIOSIS									1													1
007.1	GIARDIA LAMBLIA	12					2								1								15
070.1	HEPATITIS A	2																					2
070.3	HEPATITIS B	1																					1
070.51	HEPATITIS C	15	1					1		1													18
054.8	HERPES-W-UNSPEC COMPL																	1					1
B95.6	MRSA/VRSA	58	1	1	1				4	1		7		5	5	6	27	6				1	123
728.86	NECROTIZING FASCIITIS	1																					1
036.89	NEISSERIA MGTS(Other)	1																					1
003.0	SALMONELLA	5	1				1		1	2													10
004	SHIGELLOSIS	1																					1
038.2	STREP.PNEUMOCOCCAL SE	5							1							1							7
013	TUBERCULOSIS - NON-RESP.	2		1																			3
011	TUBERCULOSIS - RESP.	2															3						5
B96.8	VANCOMYCIN RES. ENTER.	2								1				1									4
008.44	YERSINIA ENTEROCOLITICA	1																					1
		178	6	2	2		8	1	11	15		15		14	5	8	31	7				1	304
Missing Investigation Forms (02/01/2005 - 01/31/2006)		136	10	2	2		9	5	1	1	9		39		1		4	3	3		2	1	228

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

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STD Infection Summary Report - February 2006

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2005	2006	2005	2006
All Chlamydia Infections	319	350	636	726
All Gonorrhea Infections (including PRNG)	83	140	150	289
All Syphilis Infections	11	5	14	11
Gonorrhea & Chlamydia Co-infections	44	49	73	94
Penicillin Resistant Gonorrhea Infections (PRNG)				
Suspect PRNG				
HIV	9	9	18	19

Total Number of STD Cases by Age and Gender - February 2006

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		66	26	62	46	30	30	12	13		9		1			1	301
Gonorrhea Only Cases							1		7	7	14	11	3	12	5	8	2	12	1	3	2	3		91
Syphilis Only Cases													1	1				2				1		5
GC and CT Cases							1		12	7	10	7	1	5	2	2	1	1						49
							7		85	40	86	64	34	48	20	23	3	24	1	4	2	4		446
HIV											1		1	1	3	2		1						9

Regional STD Distribution - February 2006

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	169	13	11	11		8	2	12		15		6	2	9	6	12	53	18	1	2		350
All Gonorrhea Infections	81	3	7	2				4		4		1	1		1	4	22	7		1	2	140
All Syphilis Infections	4																			1		5
GC and CT Infections	22	1	3	1				1		2		1			1	1	11	5				49

Missing Investigation Forms (02/01/2005 - 01/31/2006)	160	18	12	5		3	3	13	1	9		12	1	7	2	16	33	7		2		304
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* 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 March 2006**. This report reflects the number of cases of reportable communicable diseases for which individuals in Manitoba tested positive* during the month of March 2006.

Communicable Diseases

In total, there were **317** new infections occurring across 22 communicable diseases** (excluding sexually transmitted infections and HIV) in March 2006. The observed number of cases were within the expected range for most of the reported communicable diseases with the exception of Herpes with unspecified complications (1 case observed; 0 cases expected), Methicillin resistant staphylococcus aureus (MRSA; 111 cases observed; expected range = 0-82 cases), and Primary Tuberculosis (9 cases observed; expected range = 0-4 cases). The additional Tuberculosis cases are related to an outbreak in Northern Manitoba. The expected number of cases and accompanying range is based on the number of cases during February, March, and April 2001-2005.

Sexually Transmitted Infections & Blood-Borne Pathogens

There were **470** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) in March: 335 cases of chlamydia (Ct), 80 cases of gonorrhoea (GC), 50 GC-Ct co-infections, and 5 cases of syphilis. Almost 60% of all GC and Ct cases in the province were reported among youth aged 15-24 years. Half of all GC and Ct cases were reported for individuals living in the Winnipeg health region, and an additional 19.3% were from the Burntwood health region.

In March **20** individuals tested positive for hepatitis C, most of who were reported from the Winnipeg health region. Cases were evenly distributed between males and females, with most occurring in the 40-49 year age group.

Six Manitobans tested positive for HIV in March 2006; five of these new cases were among males.

*Note: Data for the monthly summary are aggregated based on the earliest of: symptom onset date, 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:

ascariasis (ICD9: 127.0)

clostridium difficile (ICD9: 558.2)

leishmaniasis – unspecified (ICD9: 085.9)

methicillin or vancomycin resistant staphylococcus aureus (MRSA/VRSA)

penicillin-resistant streptococcus pneumoniae (ICD9: 481.9)

schistosomiasis (ICD9: 120)

streptococcus pneumoniae – other site (ICD9: 041.2)

strongyloides (ICD9: 127.2)

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 March 2006

ICD9	DISEASE/INFECTION	MONTHLY TOTAL				YEAR-TO-DATE	
		2005	2006	Expected*	Ex. Range**	2005	2006
006.9	AMEBIASIS	2	8	3	0-6	8	11
022	ANTHRAX				***		
127.0	ASCARIASIS			0	0-0		
005.8	B. CEREUS			0	0-1		
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		
320.1	BAC. MENINGITIS - PNEUM			0	0-1	1	
320.3	BAC. MENINGITIS - STAPH			0	0-1		
320.2	BAC. MENINGITIS - STREP			0	0-1		
320.7	BAC.MENINGITIS-LISTERIA				***		
005.1	BOTULISM				***		
023	BRUCELLOSIS			0	0-0		
005.2	C. PERFRINGENS			0	0-2	1	1
008.43	CAMPYLOBACTER	10	12	15	2-28	41	35
558.2	CLOSTRIDIUM DIFFICILE		107		***	8	321
046.1	CREUTZFELD-JACOB DISEASE				***		
007.8	CRYPTOSPORIDIOSIS	1	3	3	0-7	1	6
065.4	DENGUE FEVER			0	0-1		
V02.4	DIPH.CARRIERS			0	0-0		
032	DIPHThERIA CASES			0	0-0		
123.4	DIPHYLLOBOTHRIUM SPP			0	0-1	1	
008.0	E. COLI-VEROTOXIGENIC	2	1	4	0-11	6	5
054.3	ENCEPHALITIS			0	0-1		
005.9	FOOD POISONING OTHER			0	0-0		
007.1	GIARDIA LAMBLIA	6	6	8	2-14	14	24
041.5	H.I.B.-NON MTGS			1	0-3		
480.8	HANTA VIRUS			0	0-0		
283.11	HEMOLYTIC UREMIC SYNDROME			0	0-0		
070.1	HEPATITIS A	4		1	0-3	7	3
070.3	HEPATITIS B		1	0	0-1		2
070.51	HEPATITIS C	38	20	44	25-63	108	66
054.8	HERPES-W-UNSPEC COMPL		1	0	0-0		4
A83.0	JAPANESE ENCEPHALITIS				***		
482.83	LEGIONELLA			0	0-1	2	
085.9	LEISHMANIASIS			0	0-0		
030.9	LEPROSY			0	0-1		
027.0	LISTERIA MONOCYTOGENES			0	0-1		
088.81	LYME DISEASE			0	0-0		
084	MALARIA	1		1	0-3	1	2
055.9	MEASLES			0	0-1		
036.0	MENINGOCOCCAL CSF	1		1	0-3	2	1
036.82	MENINGOCOCCAL ARTHROPATH				***		
036.2	MENINGOCOCCAL BLOOD			1	0-3	2	
B95.6	MRSA/VRSA	76	111	41	0-82	228	366
072.9	MUMPS	1	1	0	0-1	1	1
036.89	N.MENINGITIDIS OTHER	2		0	0-1	2	2
728.86	NECROTIZING FASCIITIS			1	0-3	1	3
729.1	NECROTIZING MYOSITIS				***		
323.9	OTHER ENCEPHALITIS			0	0-0		
033.1	PARAPERTUSSIS				***		
002.9	PARATYPHOID			0	0-1		
027.2	PASTEURELLA MULTOCIDA				***		
033.0	PERTUSSIS	1		3	0-9	12	2
038.2	PNEUM. SEPTICEMIA	12	3	6	0-12	27	13
073.9	PSITTACOSIS			0	0-1		

* Mean of 15 month totals, from previous, comparable and subsequent months for the past 5 years

** Mean +/- 2 standard deviations of mean

*** Data collected for less than 5 years.

ICD9	DISEASE/INFECTION	MONTHLY TOTAL				YEAR-TO-DATE	
		2005	2006	Expected*	Ex. Range**	2005	2006
083.0	Q FEVER			0	0-1		
331.81	REYE'S SYNDROME				***		
391	RHEUMATIC FEVER			0	0-1		
056.9	RUBELLA			0	0-0		
771.0	RUBELLA CONGENITAL			0	0-0		
041.2	S.PNEUM.OTHER	4	1	1	0-4	5	1
003.0	SALMONELLA	10	12	13	4-22	31	41
120	SCHISTOSOMIASIS			0	0-0		
004	SHIGELLOSIS	2	1	2	0-4	5	4
005.0	STAPHYLOCOCCAL			0	0-0		
785.5	STAPHYLOCOCCUS AUREUS				***		
481.9	STREP PNEUMONIA - PR			0	0-0		
711.0	STREP.PNEUM.ARTHRITIS			0	0-1		
580.0	STREPT GLOMERULONEPHRITIS			0	0-0		
040.89	STREPT TOXIC SHOCK	1		0	0-1	1	
481	STREPTOCOCCUS PNEUMONIAE	1		0	0-2	1	
127.2	STRONGYLOIDES			0	0-0		
037	TETANUS			0	0-0		
130.9	TOXOPLASMOSIS			1	0-4		
124	TRICHINOSIS			0	0-0		
086	TRYPANOSOMA CRUZI			0	0-0		
013	TUBERCULOSIS - NON-RESP.	1	3	2	0-5	4	9
011	TUBERCULOSIS - RESP.	9	10	7	3-11	23	22
010	TUBERCULOSIS-PRIM.		9	1	0-4		9
021.9	TULAREMIA			0	0-0		
002.0	TYPHOID			0	0-0		
081.9	TYPHUS			0	0-0		
B96.8	VANCOMYCIN R. ENTEROCOCCI	4	2		***	14	11
005.4	VIBRIO PARAHAEEMOLYTICUS				***		
070.59	VIRAL HEP. OTHER				***		
047.0	VIRAL MENINGITIS-COXSACK			0	0-1		
047.1	VIRAL MENINGITIS-ECHO		1	1	0-3		2
047.8	VIRAL MENINGITIS-ENTERO		1		***		1
054.72	VIRAL MENINGITIS-H SIMP			0	0-0		
047.9	VIRAL MENINGITIS-UNSPEC			0	0-1		
062.1	W. EQUINE ENCEPHALITIS			0	0-0		
196	WNV ASYMPTOMATIC INFECTION				***		
198	WNV NEUROLOGICAL SYNDROME				***		
197	WNV NON-NEUROLOGICAL SYND				***		
066.3	WNV UNCLASSIFIED				***		
008.44	YERSINIA ENTEROCOLITICA	1	3	1	0-3	2	4
		190	317			560	972

* 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 2006

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					2	1									1	2						2		8
008.43	CAMPYLOBACTER									1			1			2		2	2	3	1				12
558.2	CLOSTRIDIUM DIFFICILE			2	1				1		2		1	2		4	3	7	5	4	1	40	34		107
007.8	CRYPTOSPORIDIOSIS							1								2									3
008.0	E.COLI 0157		1																						1
007.1	GIARDIA LAMBLIA			1	1				1									2		1					6
070.3	HEPATITIS B																				1				1
070.51	HEPATITIS C											1	1	1		1	3	6	5	1	1				20
054.8	HERPES-W-UNSPEC COMPL		1																						1
B95.6	MRSA/VRSA		3	4	5	1	6	3	2	3	2	1	3	4	4	5	4	3	4	5	4	24	20	1	111
072.9	MUMPS															1									1
003.0	SALMONELLA	1				1				1	1		1		1	1		1	3			1			12
004	SHIGELLOSIS																		1						1
041.2	STREP.PNEUM.OTHER																	1							1
038.2	STREP.PNEUMOCOCCAL SEPTIC															1		1		1					3
038.0	STREPTOCOCCAL SEPTICEMIA																1	1							2
013	TUBERCULOSIS - NON-RESP.									1		1										1			3
011	TUBERCULOSIS - RESP.							1						1	3		1	2			1	1			10
010	TUBERCULOSIS-PRIM.			2	1	1	3	1		1															9
B96.8	VANCOMYCIN RES. ENTER.																				1	1			2
047.1	VIRAL MENINGITIS-ECHO		1																						1
047.8	VIRAL MENINGITIS-ENTERO		1																						1
008.44	YERSINIA ENTEROCOLITICA													1	2										3
		1	7	9	8	5	10	6	4	7	5	2	7	8	9	20	14	20	24	14	10	68	60		319

SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR March 2006

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	5	1				1				1								8				
008.43	CAMPYLOBACTER	6	2					1		1		1							12				
558.2	CLOSTRIDIUM DIFFICILE	64	4		3		4		6		11		7		2		1	1	107				
007.8	CRYPTOSPORIDIOSIS		1		1								1						3				
008.0	E.COLI 0157						1												1				
007.1	GIARDIA LAMBLIA	4													1			1	6				
070.3	HEPATITIS B	1																	1				
070.51	HEPATITIS C	14	1					1					1				1		20				
054.8	HERPES-W-UNSPEC COMPL	1																	1				
B95.6	MRSA/VRSA	47	1				3		1		3	1	2		2	8	6	24	9	1	3	111	
072.9	MUMPS								1													1	
003.0	SALMONELLA	3					2		2		2		1				2					12	
004	SHIGELLOSIS	1																				1	
041.2	STREP.PNEUM.OTHER													1								1	
038.2	STREP.PNEUMOCOCCAL SEPTIC	2															1					3	
038.0	STREPTOCOCCAL SEPTICEMIA										1							1				2	
013	TUBERCULOSIS - NON-RESP.	3																				3	
011	TUBERCULOSIS - RESP.	5															5					10	
010	TUBERCULOSIS-PRIM.	4															5					9	
B96.8	VANCOMYCIN RES. ENTER.	1									1											2	
047.1	VIRAL MENINGITIS-ECHO															1						1	
047.8	VIRAL MENINGITIS-ENTERO															1						1	
008.44	YERSINIA ENTEROCOLITICA	1									2											3	
		162	10		4		11	1	11		22	1	12		7	8	11	36	13		3	7	319
Missing Investigation Forms (Jan.1 to end of February)		47		1	1		2	2	2	2	1		7				1	1	2				69

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

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STD Infection Summary Report - March 2006

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2005	2006	2005	2006
All Chlamydia Infections	329	385	964	1112
All Gonorrhea Infections (including PRNG)	66	130	216	422
All Syphilis Infections	5	5	19	16
Gonorrhea & Chlamydia Co-infections	27	50	100	145
Penicillin Resistant Gonorrhea Infections (PRNG)				
Suspect PRNG				
HIV	7	6	25	25

Total Number of STD Cases by Age and Gender - March 2006

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		68	30	68	39	34	26	23	26	3	7	1	2				335
Gonorrhea Only Cases							1		7	7	11	16	4	9	3	9	1	6		4		2		80
Syphilis Only Cases											1					2			1			1		5
GC and CT Cases							2		8	4	11	5	5	4	2	5		4						50
							11		83	41	91	60	43	39	28	42	4	17	2	6		3		470
HIV															1	2		1		2				6

Regional STD Distribution - March 2006

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	178	17	14	9		2	4	17		23		9	3	3	7	18	49	31		1		385
All Gonorrhea Infections	72	1	9	2			1	1		8			1		4	2	17	11			1	130
All Syphilis Infections	4	1																				5
GC and CT Infections	17		2				1			6			1		3	2	11	7				50

Missing Investigation Forms (Jan.1 to end of February)	43	4	1	4		1	1	10		1		3		3	3	3	24			1		102
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* 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 April 2006**. This report reflects the number of cases of reportable communicable diseases for which individuals in Manitoba tested positive* during the month of April 2006.

Communicable Diseases

In total, there were **295** new infections occurring across 22 communicable diseases** (excluding sexually transmitted infections and HIV) in April 2006. The observed number of cases were within the expected range for most of the reported communicable diseases with the exception of Amebiasis (7 cases observed; expected range = 0-6 cases), Diphyllorhynchus (2 cases observed; expected range = 0-1 cases), and Lyme Disease (1 case observed; 0 cases expected). The expected number of cases and accompanying range is based on the number of cases during March, April, and May 2001-2005.

Sexually Transmitted Infections & Blood-Borne Pathogens

There were **424** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) in April: 291 cases of chlamydia (Ct), 92 cases of gonorrhoea (GC), 39 GC-Ct co-infections, and 2 cases of syphilis. More than 60% of all GC and Ct cases in the province were reported among youth aged 15-24 years. Half of all GC and Ct cases were reported for individuals living in the Winnipeg health region, and an additional 17.6% were from the Burntwood health region.

In April **16** individuals tested positive for hepatitis C, most of who were reported from the Winnipeg health region. More than two-thirds of the cases were among males, mostly in the 40-59 year age groups.

Four Manitobans tested positive for HIV in April 2006, all of whom were male.

*Note: Data for the monthly summary are aggregated based on the earliest of: symptom onset date, 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:

ascariasis (ICD9: 127.0)

clostridium difficile (ICD9: 558.2)

leishmaniasis – unspecified (ICD9: 085.9)

methicillin or vancomycin resistant staphylococcus aureus (MRSA/VRSA)

penicillin-resistant streptococcus pneumoniae (ICD9: 481.9)

schistosomiasis (ICD9: 120)

streptococcus pneumoniae – other site (ICD9: 041.2)

strongyloides (ICD9: 127.2)

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 April 2006

ICD9	DISEASE/INFECTION	MONTHLY TOTAL				YEAR-TO-DATE	
		2005	2006	Expected*	Ex. Range**	2005	2006
006.9	AMEBIASIS	3	7	3	0-6	11	17
022	ANTHRAX				***		
127.0	ASCARIASIS			0	0-0		
005.8	B. CEREUS			0	0-1		
320.82	BAC. MENINGITIS - E.COL			0	0-0		
320.0	BAC. MENINGITIS - HAEM			0	0-1		
320.9	BAC. MENINGITIS - OTHER	1		0	0-1	1	
320.1	BAC. MENINGITIS - PNEUM	1		0	0-1	2	
320.3	BAC. MENINGITIS - STAPH			0	0-1		
320.2	BAC. MENINGITIS - STREP			0	0-1		
320.7	BAC.MENINGITIS-LISTERIA				***		
005.1	BOTULISM				***		
023	BRUCELLOSIS			0	0-0		
005.2	C. PERFRINGENS		1	1	0-4	1	2
008.43	CAMPYLOBACTER	36	17	17	2-32	77	52
558.2	CLOSTRIDIUM DIFFICILE	59	109		***	67	430
046.1	CREUTZFELD-JACOB DISEASE				***		
007.8	CRYPTOSPORIDIOSIS	4	1	3	0-7	5	7
065.4	DENGUE FEVER			0	0-1		
V02.4	DIPH.CARRIERS			0	0-0		
032	DIPHTHERIA CASES			0	0-0		
123.4	DIPHYLLOBOTHRIUM SPP		2	0	0-1	1	2
008.0	E. COLI-VEROTOXIGENIC	1	7	4	0-11	7	12
054.3	ENCEPHALITIS			0	0-1		
005.9	FOOD POISONING OTHER			0	0-0		
007.1	GIARDIA LAMBLIA	7	8	9	3-15	21	32
041.5	H.I.B.-NON MTGS			1	0-3		
480.8	HANTA VIRUS			0	0-0		
283.11	HEMOLYTIC UREMIC SYNDROME			0	0-0		
070.1	HEPATITIS A	1	1	2	0-10	8	5
070.3	HEPATITIS B		1	1	0-2		3
070.51	HEPATITIS C	36	16	49	1-97	144	82
054.8	HERPES-W-UNSPEC COMPL			0	0-0		4
A83.0	JAPANESE ENCEPHALITIS				***		
482.83	LEGIONELLA			0	0-1	2	
085.9	LEISHMANIASIS			0	0-0		
030.9	LEPROSY		1	0	0-1		1
027.0	LISTERIA MONOCYTOGENES	1		0	0-1	1	
088.81	LYME DISEASE		1	0	0-0		1
084	MALARIA	1		1	0-3	2	2
055.9	MEASLES			0	0-1		
036.0	MENINGOCOCCAL CSF			1	0-3	2	1
036.82	MENINGOCOCCAL ARTHROPATH				***		
036.2	MENINGOCOCCAL BLOOD			1	0-3	2	
B95.6	MRSA/VRSA	74	84	42	0-88	302	449
072.9	MUMPS			0	0-1	1	
036.89	N.MENINGITIDIS OTHER			0	0-1	2	2
728.86	NECROTIZING FASCIITIS	2		0	0-1	3	3
729.1	NECROTIZING MYOSITIS				***		
323.9	OTHER ENCEPHALITIS			0	0-1		
033.1	PARAPERTUSSIS				***		
002.9	PARATYPHOID			0	0-1		
027.2	PASTEURELLA MULTOCIDA				***		
033.0	PERTUSSIS	4		3	0-8	16	2
038.2	PNEUM. SEPTICEMIA	5	11	7	0-14	32	24
073.9	PSITTACOSIS			0	0-1		

* Mean of 15 month totals, from previous, comparable and subsequent months for the past 5 years

** Mean +/- 2 standard deviations of mean

*** Data collected for less than 5 years.

ICD9	DISEASE/INFECTION	MONTHLY TOTAL				YEAR-TO-DATE	
		2005	2006	Expected*	Ex. Range**	2005	2006
083.0	Q FEVER			0	0-1		
331.81	REYE'S SYNDROME				***		
391	RHEUMATIC FEVER			0	0-1		
056.9	RUBELLA			0	0-0		
771.0	RUBELLA CONGENITAL			0	0-0		
041.2	S.PNEUM.OTHER	3		1	0-4	8	1
003.0	SALMONELLA	10	9	14	6-22	41	50
120	SCHISTOSOMIASIS			0	0-0		
004	SHIGELLOSIS	1	1	1	0-3	6	5
005.0	STAPHYLOCOCCAL			0	0-0		
785.5	STAPHYLOCOCCUS AUREUS				***		
481.9	STREP PNEUMONIA - PR			0	0-0		
711.0	STREP.PNEUM.ARTHRITIS		1	0	0-1		1
580.0	STREPT GLOMERULONEPHRITIS			0	0-0		
040.89	STREPT TOXIC SHOCK	1		0	0-1	2	
481	STREPTOCOCCUS PNEUMONIAE			1	0-3	1	
127.2	STRONGYLOIDES			0	0-1		
037	TETANUS			0	0-0		
130.9	TOXOPLASMOSIS			1	0-5		
124	TRICHINOSIS			0	0-0		
086	TRYPANOSOMA CRUZI			0	0-0		
013	TUBERCULOSIS - NON-RESP.	6	2	2	0-5	10	12
011	TUBERCULOSIS - RESP.	9	8	7	3-11	32	31
010	TUBERCULOSIS-PRIM.	1	3	2	0-6	1	12
021.9	TULAREMIA			0	0-1		
002.0	TYPHOID			0	0-1		
081.9	TYPHUS			0	0-0		
B96.8	VANCOMYCIN R. ENTEROCOCCI	4	4		***	18	15
005.4	VIBRIO PARAHAEEMOLYTICUS				***		
070.59	VIRAL HEP. OTHER				***		
047.0	VIRAL MENINGITIS-COXSACK			0	0-0		
047.1	VIRAL MENINGITIS-ECHO			1	0-3		2
047.8	VIRAL MENINGITIS-ENTERO				***		1
054.72	VIRAL MENINGITIS-H SIMP			0	0-1		
047.9	VIRAL MENINGITIS-UNSPEC			0	0-1		
062.1	W. EQUINE ENCEPHALITIS			0	0-0		
196	WNV ASYMPTOMATIC INFECTION				***		
198	WNV NEUROLOGICAL SYNDROME				***		
197	WNV NON-NEUROLOGICAL SYND				***		
066.3	WNV UNCLASSIFIED				***		
008.44	YERSINIA ENTEROCOLITICA	1		1	0-3	3	4
		272	295			832	1267

* 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 2006

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											2					1	1	1		1		1		7
005.2	C. PERFRINGENS															1									1
008.43	CAMPYLOBACTER				4		1			1	2	2		1	1		1	2					2		17
558.2	CLOSTRIDIUM DIFFICILE	1		1		1	1				3					7	3	7	5	4	4	38	34		109
007.8	CRYPTOSPORIDIOSIS				1																				1
123.4	DIPHYLLOBOTHRIUM										1						1								2
008.0	E. COLI 0157							1	1	1							1	3							7
007.1	GIARDIA LAMBLIA			1	2	1	1	1												1		1			8
070.1	HEPATITIS A																	1							1
070.3	HEPATITIS B												1												1
070.51	HEPATITIS C												1			3	2	2	3		4		1		16
030.9	LEPROSY																					1			1
088.81	LYME DISEASE																			1					1
B95.6	MRSA/VRSA		2	2	2	5	4	4	1	2	4	2	3	2	2	5	4	4	3	2	1	11	19		84
003.0	SALMONELLA				2				3				1	1		1				1					9
004	SHIGELLOSIS				1																				1
711.0	STREP. PNEUM. ARTHRITIS																			1					1
038.2	STREP. PNEUMOCOCCAL SEPTIC											2						1	1	2		3	2		11
013	TUBERCULOSIS - NON-RESP.								1									1							2
011	TUBERCULOSIS - RESP.													1	1	1	2	1	2						8
010	TUBERCULOSIS-PRIM.			1				1										1							3
B96.8	VANCOMYCIN RES. ENTER.																			1		1	2		4
		1	2	5	12	7	7	7	5	5	10	6	8	5	4	18	15	23	16	11	12	54	62		295

SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR April 2006

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	6					1																7
005.2	C. PERFRINGENS	1																					1
008.43	CAMPYLOBACTER	4	2		1				1		4		4		1								17
558.2	CLOSTRIDIUM DIFFICILE	61	4	1	1		4		10		7		7		8		1	1	1	1		2	109
007.8	CRYPTOSPORIDIOSIS										1												1
123.4	DIPHYLLOBOTHRIUM						1				1												2
008.0	E. COLI 0157	5							1				1										7
007.1	GIARDIA LAMBLIA	5					1								1		1						8
070.1	HEPATITIS A	1																					1
070.3	HEPATITIS B										1												1
070.51	HEPATITIS C	9			2				1		3								1				16
030.9	LEPROSY	1																					1
088.81	LYME DISEASE										1												1
B95.6	MRSA/VRSA	34	2	1	2					1	1	1	2		2	5	7	23	3				84
003.0	SALMONELLA	6	1										1								1		9
004	SHIGELLOSIS	1																					1
711.0	STREP. PNEUM.ARTHRITIS												1										1
038.2	STREP.PNEUMOCOCCAL SE	4	1		1						1		2		1				1				11
013	TUBERCULOSIS - NON-RESP.	1																			1		2
011	TUBERCULOSIS - RESP.																	8					8
010	TUBERCULOSIS-PRIM.																	3					3
B96.8	VANCOMYCIN RES. ENTER.	1							1		1				1								4
		140	10	2	7		7		14	1	21	1	18		14	5	9	35	6	1	1	3	295
Missing Investigation Forms (Jan.1 to end of March)		82	6	1	1		3	1	4	1	4		10					1	4				118

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

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STD Infection Summary Report - April 2006

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2005	2006	2005	2006
All Chlamydia Infections	361	330	1325	1442
All Gonorrhea Infections (including PRNG)	99	131	315	553
All Syphilis Infections	7	2	26	18
Gonorrhea & Chlamydia Co-infections	47	39	147	184
Penicillin Resistant Gonorrhea Infections (PRNG)				
Suspect PRNG				
HIV	10	4	35	29

Total Number of STD Cases by Age and Gender - April 2006

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		4	2	59	31	65	39	29	14	16	21	2	5		2		1		291
Gonorrhea Only Cases							1		12	9	10	14	3	9	7	12		8		3		4		92
Syphilis Only Cases																		1		1				2
GC and CT Cases									11	4	10	3		2	2	5		1		1				39
					1		5	2	82	44	85	56	32	25	25	38	2	15		7		5		424
HIV												1		2		1								4

Regional STD Distribution - April 2006

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	17	5	5		4	4	12	1	32		7		8	7	18	38	17	1	2		330
All Gonorrhea Infections	78		3	1		1	1	2		6		1				8	22	7	1			131
All Syphilis Infections	2																					2
GC and CT Infections	15		1			1		1		5					6	8	2					39

Missing Investigation Forms (Jan.1 to end of March)	57	5	6	2		1	5	7		4		4		2	9	4	21	3				130
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* F=Federal Jurisdiction (includes First Nations and Inuit Health Branch and Stony Mountain Penitentiary) P=Provincial Jurisdiction



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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 May 2006**. This report reflects the number of cases of reportable communicable diseases for which individuals in Manitoba tested positive* during the month of May 2006.

Communicable Diseases

In total, there were **309** new infections occurring across 22 communicable diseases** (excluding sexually transmitted infections and HIV) in May 2006. The observed number of cases were 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 April, May, and June 2001-2005.

Sexually Transmitted Infections & Blood-Borne Pathogens

There were **389** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) in May: 253 cases of chlamydia (Ct), 101 cases of gonorrhoea (GC), 30 GC-Ct co-infections, and 5 cases of syphilis. Close to half (45%) of all GC and Ct cases in the province were reported among young females between the ages of 15 and 24 years. More than half (53.6%) of all GC and Ct cases were reported for individuals living in the Winnipeg health region, and an additional 17.7% were from the Burntwood health region.

In May **29** individuals tested positive for hepatitis C, most of who were reported from the Winnipeg health region. More than 60% of the cases were among males, mostly in the 40-59 year age groups.

Eight Manitobans tested positive for HIV in May 2006, six of whom are female.

*Note: Data for the monthly summary are aggregated based on the earliest of: symptom onset date, 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:

ascariasis (ICD9: 127.0)

clostridium difficile (ICD9: 558.2)

leishmaniasis – unspecified (ICD9: 085.9)

methicillin or vancomycin resistant staphylococcus aureus (MRSA/VRSA)

penicillin-resistant streptococcus pneumoniae (ICD9: 481.9)

schistosomiasis (ICD9: 120)

streptococcus pneumoniae – other site (ICD9: 041.2)

strongyloides (ICD9: 127.2)

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 May 2006

ICD9	DISEASE/INFECTION	MONTHLY TOTAL				YEAR-TO-DATE	
		2005	2006	Expected*	Ex. Range**	2005	2006
006.9	AMEBIASIS	4	3	3	0-7	15	18
022	ANTHRAX				***		
127.0	ASCARIASIS			0	0-0		
005.8	B. CEREUS			0	0-1		
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	1	
320.1	BAC. MENINGITIS - PNEUM			0	0-1	2	
320.3	BAC. MENINGITIS - STAPH			0	0-1		
320.2	BAC. MENINGITIS - STREP			0	0-1		
320.7	BAC.MENINGITIS-LISTERIA				***		
005.1	BOTULISM				***		
023	BRUCELLOSIS			0	0-0		
005.2	C. PERFRINGENS		1	1	0-3	1	3
008.43	CAMPYLOBACTER	21	7	19	3-35	98	59
558.2	CLOSTRIDIUM DIFFICILE	104	101		***	171	531
046.1	CREUTZFELD-JACOB DISEASE				***		
007.8	CRYPTOSPORIDIOSIS	1	2	3	0-8	6	9
061.0	DENGUE FEVER			0	0-0		2
065.4	DENGUE HEMORRHAGIC FEVER			0	0-1		
V02.4	DIPH.CARRIERS			0	0-0		
032	DIPHThERIA CASES			0	0-0		
123.4	DIPHYLLOBOTHRIUM SPP		1	0	0-1	1	3
008.0	E. COLI-VEROTOXIGENIC	5	7	6	0-14	12	20
054.3	ENCEPHALITIS			0	0-1		
005.9	FOOD POISONING OTHER			0	0-1		
007.1	GIARDIA LAMBLIA	10	5	10	3-17	31	37
041.5	H.I.B.-NON MTGS	1		0	0-1	1	
480.8	HANTA VIRUS			0	0-0		
283.11	HEMOLYTIC UREMIC SYNDROME			0	0-1		
070.1	HEPATITIS A	3	2	3	0-11	11	7
070.3	HEPATITIS B	2		1	0-2	2	3
070.51	HEPATITIS C	49	29	49	0-102	193	111
054.8	HERPES-W-UNSPEC COMPL			0	0-0		4
A83.0	JAPANESE ENCEPHALITIS				***		
482.83	LEGIONELLA			0	0-1	2	
085.9	LEISHMANIASIS			0	0-0		
030.9	LEPROSY			0	0-1		1
027.0	LISTERIA MONOCYTOGENES	1	1	0	0-1	2	1
088.81	LYME DISEASE			0	0-2		
084	MALARIA		2	1	0-3	2	4
055.9	MEASLES			0	0-1		
036.0	MENINGOCOCCAL CSF			0	0-2	2	1
036.82	MENINGOCOCCAL ARTHROPATH				***		
036.2	MENINGOCOCCAL BLOOD			0	0-1	2	
B95.6	MRSA	82	100	44	0-101	384	549
072.9	MUMPS			0	0-1	1	
036.89	N.MENINGITIDIS OTHER			0	0-1	2	2
728.86	NECROTIZING FASCIITIS	1		0	0-1	4	3
729.1	NECROTIZING MYOSITIS				***		
323.9	OTHER ENCEPHALITIS			0	0-1		
033.1	PARAPERTUSSIS				***		
002.9	PARATYPHOID			0	0-1		
027.2	PASTEURILLA MULTOCIDA				***		
033.0	PERTUSSIS	2	2	4	0-8	18	5
038.2	PNEUM. SEPTICEMIA	7	9	7	1-13	39	34

* 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	
		2005	2006	Expected*	Ex. Range**	2005	2006
073.9	PSITTACOSIS			0	0-0		
083.0	Q FEVER			0	0-1		
331.81	REYE'S SYNDROME				***		
391	RHEUMATIC FEVER			0	0-1		
056.9	RUBELLA			0	0-0		
771.0	RUBELLA CONGENITAL			0	0-0		
041.2	S.PNEUM.OTHER	2		1	0-4	10	1
003.0	SALMONELLA	15	14	15	7-23	56	66
120	SCHISTOSOMIASIS			0	0-0		
004	SHIGELLOSIS			1	0-2	6	4
005.0	STAPHYLOCOCCAL			0	0-0		
785.5	STAPHYLOCOCCUS AUREUS				***		
481.9	STREP PNEUMONIA - PR			0	0-1		
711.0	STREP.PNEUM.ARTHRITIS			0	0-0		1
580.0	STREPT GLOMERULONEPHRITIS			0	0-0		
040.89	STREPT TOXIC SHOCK			0	0-1	2	
481	STREPTOCOCCUS PNEUMONIAE	1		1	0-3	2	
127.2	STRONGYLOIDES	2	1	0	0-1	2	1
037	TETANUS			0	0-0		
130.9	TOXOPLASMOSIS			1	0-5		
124	TRICHINOSIS			0	0-0		
086	TRYPANOSOMA CRUZI			0	0-0		
013	TUBERCULOSIS - NON-RESP.	1	2	2	0-5	11	15
011	TUBERCULOSIS - RESP.	9	9	8	4-12	41	40
010	TUBERCULOSIS-PRIM.	2		2	0-6	3	12
021.9	TULAREMIA	1		0	0-1	1	
002.0	TYPHOID			0	0-1		
081.9	TYPHUS			0	0-0		
B96.8	VANCOMYCIN R. ENTEROCOCCI	4	7		***	22	22
005.4	VIBRIO PARAHAEMOLYTICUS				***		
070.59	VIRAL HEP. OTHER				***		
047.0	VIRAL MENINGITIS-COXSACK			0	0-0		
047.1	VIRAL MENINGITIS-ECHO		3	1	0-5		5
047.8	VIRAL MENINGITIS-ENTERO				***		1
054.72	VIRAL MENINGITIS-H SIMP			0	0-1		
047.9	VIRAL MENINGITIS-UNSPEC			0	0-1		
B95.7	VRSA			0	0-0		
062.1	W. EQUINE ENCEPHALITIS			0	0-0		
196	WNV ASYMPTOMATIC INFECTION				***		
198	WNV NEUROLOGICAL SYNDROME				***		
197	WNV NON-NEUROLOGICAL SYND				***		
066.3	WNV UNCLASSIFIED				***		
008.44	YERSINIA ENTEROCOLITICA		1	1	0-3	3	6
		330	309			1162	1581

* 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 2006

ICD9	Disease Name	<2		2 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 39		40 - 49		50 - 59		60 - 69		70 - 79		80 +		Missing age/gendr	Total
		F	M	F	M	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													3
005.2	C. PERFRINGENS											1																	1
008.43	CAMPYLOBACTER	1					2				1	1						1			1								7
558.2	CLOSTRIDIUM DIFFICILE			1		1					1	2		3		4	3	3	4	6	4	10	10	9	8	16	16		101
007.8	CRYPTOSPORIDIOSIS					1								1															2
123.4	DIPHYLLOBOTHRIUM															1													1
008.0	E.COLI 0157		1			1		1										2					1		1				7
007.1	GIARDIA LAMBLIA				2				1					1				1											5
070.1	HEPATITIS A							1										1											2
070.51	HEPATITIS C													2		3	4	3	5	1	5	1	3				1	1	29
027.0	LISTERIA MONOCYTOGENES																			1									1
084	MALARIA				1		1																						2
B95.6	MRSA	4	1	2	2	3	2	3	5	3	3	4	2	2	3	6	2	3	5	4	3	5	3	4	2	13	11		100
033.0	PERTUSSIS		1			1																							2
003.0	SALMONELLA			1			1			1		1	1	1		2		1		2	1		1			1			14
038.2	STREP.PNEUMOCOCCAL SEPTIC		1			1	2							1		1	1					1	1						9
127.2	STRONGYLOIDIASIS											1																	1
013	TUBERCULOSIS - NON-RESP.																	1				1							2
011	TUBERCULOSIS - RESP.											1				2	2	1	1	1			1						9
B96.8	VANCOMYCIN RES. ENTER.											1							1			2	1		2				7
047.1	VIRAL MENINGITIS-ECHO									1		1						1											3
008.44	YERSINIA ENTEROCOLITICA													1															1
		5	4	4	5	8	9	5	6	5	5	11	6	10	5	19	13	12	22	14	14	21	20	14	12	31	28		309

SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR May 2006

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	3																					3
005.2	C. PERFRINGENS	1																					1
008.43	CAMPYLOBACTER	2	1		1				2								1						7
558.2	CLOSTRIDIUM DIFFICILE	58	6		1		2		7		13		7		3		1	1	2				101
007.8	CRYPTOSPORIDIOSIS										1		1										2
123.4	DIPHYLLOBOTHRIUM	1																					1
008.0	E.COLI 0157	3	2												1		1						7
007.1	GIARDIA LAMBLIA	3			1														1				5
070.1	HEPATITIS A	1															1						2
070.51	HEPATITIS C	19	1						1								2	1	4			1	29
027.0	LISTERIA MONOCYTOGENES						1																1
084	MALARIA	2																					2
B95.6	MRSA	40	2	1			2		4		5		4			5	14	17	6				100
033.0	PERTUSSIS	1													1								2
003.0	SALMONELLA	5			1		2						4		1			1					14
038.2	STREP.PNEUMOCOCCAL SE	3									1						3	1	1				9
127.2	STRONGYLOIDIASIS	1																					1
013	TUBERCULOSIS - NON-RESP.		1															1					2
011	TUBERCULOSIS - RESP.	4																5					9
B96.8	VANCOMYCIN RES. ENTER.	3	1						1	2													7
047.1	VIRAL MENINGITIS-ECHO	3																					3
008.44	YERSINIA ENTEROCOLITICA	1																					1
		154	14	1	4		7	1	16		20		16		6	5	23	27	14			1	309
Missing Investigation Forms (Jan.1 to end of April)		69	6	1	1		2		2	1	4		7					1	2		1		97

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

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STD Infection Summary Report - May 2006

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2005	2006	2005	2006
All Chlamydia Infections	354	283	1679	1725
All Gonorrhea Infections (including PRNG)	73	131	388	683
All Syphilis Infections	10	5	36	24
Gonorrhea & Chlamydia Co-infections	38	30	185	214
Penicillin Resistant Gonorrhea Infections (PRNG)				
Suspect PRNG				
HIV	9	8	44	37

Total Number of STD Cases by Age and Gender - May 2006

Disease Name	<2		2 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 39		40 - 49		50 - 59		60 - 69		70 - 79		80 +		Missing age/gendr	Total
	F	M	F	M	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	1	67	17	62	33	25	16	8	15	3	2		1		1						253
Gonorrhea Only Cases	1						2		16	7	11	16	9	7	3	13	1	10	1	4								101
Syphilis Only Cases												2							1		1		1					5
GC and CT Cases							1		11	4	6	2	2	3		1												30
	1						5	1	94	28	79	53	36	26	11	29	4	12	2	5	1	1	1					389
HIV							1							1	3			1	2									8

Regional STD Distribution - May 2006

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	141	14	2	8		5	1	6		11		11	3	7	2	10	37	16		6	3	283
All Gonorrhea Infections	74	2	4	2		1	2	4		3		1	2	2		4	17	12		1		131
All Syphilis Infections	5																					5
GC and CT Infections	9		1			1		2		1		1		1			9	5				30

Missing Investigation Forms (Jan.1 to end of April)	55	2	4				4	6		3		2		1	12	7	28	1		1		126
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* 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 June 2006**. This report reflects the number of cases of reportable communicable diseases for which individuals in Manitoba tested positive* during the month of June 2006.

Communicable Diseases

In total, there were **358** new infections occurring across 25 communicable diseases** (excluding sexually transmitted infections and HIV) in June 2006. The observed number of cases were within the expected range for most of the reported communicable diseases with the exception of Malaria (8 cases observed; expected range 0-3 cases) and Necrotising Fasciitis (6 cases observed; expected range 0-1 cases). The expected number of cases and accompanying range is based on the number of cases during May, June, and July 2001-2005.

The June report reflects a half-way point in the year, and serves as a good comparison for 2005. Compared to this time last year, cases of reportable communicable diseases have increased by about one-quarter. Almost all of this increase can be attributed to Clostridium Difficile, which became reportable in April 2005, and increases in Methicillin Resistant Staphylococcus Aureus (MRSA). Although less substantial in terms of case numbers, some diseases have observed a decrease compared to this time last year, most notably Hepatitis A, Hepatitis B, Pertussis, and Pneumococcal Septicemia.

Sexually Transmitted Infections & Blood-Borne Pathogens

There were **449** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) in June: 298 cases of chlamydia (Ct), 95 cases of gonorrhoea (GC), 49 GC-Ct co-infections, and 7 cases of syphilis. Almost two-thirds (64%) of all GC and Ct cases in the province were reported among young adults between the ages of 15 and 24 years. Half of all GC and Ct cases were reported for individuals living in the Winnipeg health region, and an additional 22% were from the Burntwood health region. Compared to the first six months of 2005, gonorrhoea cases have risen by 74%, while the number of chlamydia cases has remained roughly the same.

In June 32 individuals tested positive for hepatitis C, most of who were reported from the Winnipeg health region. More than half of the cases were among males in the 40-59 year age groups. Four Manitobans tested positive for HIV in June 2006. Compared to this time last year, numbers of newly reported HCV and HIV have decreased.

*Note: Data for the monthly summary are aggregated based on the earliest of: symptom onset date, 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:

ascariasis (ICD9: 127.0)

clostridium difficile (ICD9: 558.2)

leishmaniasis – unspecified (ICD9: 085.9)

methicillin or vancomycin resistant staphylococcus aureus (MRSA/VRSA)

penicillin-resistant streptococcus pneumoniae (ICD9: 481.9)

schistosomiasis (ICD9: 120)

streptococcus pneumoniae – other site (ICD9: 041.2)

strongyloides (ICD9: 127.2)

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 June 2006

ICD9	DISEASE/INFECTION	MONTHLY TOTAL				YEAR-TO-DATE	
		2005	2006	Expected*	Ex. Range**	2005	2006
006.9	AMEBIASIS	5	6	3	0-7	20	24
022	ANTHRAX				***		
127.0	ASCARIASIS			0	0-0		
005.8	B. CEREUS			0	0-1		
320.82	BAC. MENINGITIS - E.COL			0	0-0		
320.0	BAC. MENINGITIS - HAEM			0	0-0		
320.9	BAC. MENINGITIS - OTHER			0	0-0	1	
320.1	BAC. MENINGITIS - PNEUM			0	0-1	2	
320.3	BAC. MENINGITIS - STAPH			0	0-1		
320.2	BAC. MENINGITIS - STREP			0	0-1		
320.7	BAC.MENINGITIS-LISTERIA				***		
005.1	BOTULISM				***		
023	BRUCELLOSIS			0	0-0		
005.2	C. PERFRINGENS		1	1	0-3	1	4
008.43	CAMPYLOBACTER	25	31	23	8-38	123	90
558.2	CLOSTRIDIUM DIFFICILE	101	87		***	272	618
046.1	CREUTZFELD-JACOB DISEASE				***		
007.8	CRYPTOSPORIDIOSIS	3	2	3	0-8	9	11
061.0	DENGUE FEVER			0	0-0		2
065.4	DENGUE HEMORRHAGIC FEVER			0	0-1		
V02.4	DIPH.CARRIERS			0	0-0		
032	DIPHTHERIA CASES			0	0-1		
123.4	DIPHYLLOBOTHRIUM SPP			0	0-1	1	3
008.0	E. COLI-VEROTOXIGENIC	8	13	8	0-17	20	33
054.3	ENCEPHALITIS			0	0-1		
005.9	FOOD POISONING OTHER			0	0-2		
007.1	GIARDIA LAMBLIA	14	12	13	6-20	45	49
041.5	H.I.B.-NON MTGS			0	0-1	1	
480.8	HANTA VIRUS			0	0-0		
283.11	HEMOLYTIC UREMIC SYNDROME			0	0-1		
070.1	HEPATITIS A	2	1	3	0-11	13	7
070.3	HEPATITIS B		1	1	0-2	2	4
070.51	HEPATITIS C	38	32	47	0-102	231	143
054.8	HERPES-W-UNSPEC COMPL			0	0-1		4
A83.0	JAPANESE ENCEPHALITIS				***		
482.83	LEGIONELLA			0	0-1	2	
085.9	LEISHMANIASIS			0	0-0		
030.9	LEPROSY			0	0-1		1
027.0	LISTERIA MONOCYTOGENES	1		0	0-1	3	1
088.81	LYME DISEASE	4		0	0-2	4	
084	MALARIA	2	8	1	0-3	4	12
055.9	MEASLES			0	0-0		
036.0	MENINGOCOCCAL CSF			0	0-2	2	1
036.82	MENINGOCOCCAL ARTHROPATH				***		
036.2	MENINGOCOCCAL BLOOD			0	0-1	2	
B95.6	MRSA	113	126	54	0-129	497	675
072.9	MUMPS	1		0	0-1	2	
036.89	N.MENINGITIDIS OTHER			0	0-1	2	2
728.86	NECROTIZING FASCIITIS	1	6	0	0-1	5	9
729.1	NECROTIZING MYOSITIS				***		
323.9	OTHER ENCEPHALITIS			0	0-1		
033.1	PARAPERTUSSIS	1			***	1	
002.9	PARATYPHOID			0	0-1		
027.2	PASTEURELLA MULTOCIDA				***		
033.0	PERTUSSIS	1		4	0-8	19	5
038.2	PNEUM. SEPTICEMIA	12	5	6	0-13	51	39

* 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	
		2005	2006	Expected*	Ex. Range**	2005	2006
073.9	PSITTACOSIS			0	0-0		
083.0	Q FEVER			0	0-1		
331.81	REYE'S SYNDROME				***		
391	RHEUMATIC FEVER			0	0-1		
056.9	RUBELLA			0	0-0		
771.0	RUBELLA CONGENITAL			0	0-0		
041.2	S.PNEUM.OTHER	3	3	1	0-3	13	4
003.0	SALMONELLA	20	9	15	7-23	76	76
120	SCHISTOSOMIASIS			0	0-0		
004	SHIGELLOSIS		1	1	0-3	6	5
005.0	STAPHYLOCOCCAL			0	0-0		
785.5	STAPHYLOCOCCUS AUREUS				***		
481.9	STREP PNEUMONIA - PR			0	0-1		
711.0	STREP.PNEUM.ARTHRITIS			0	0-0		1
580.0	STREPT GLOMERULONEPHRITIS			0	0-0		
040.89	STREPT TOXIC SHOCK			0	0-0	2	
481	STREPTOCOCCUS PNEUMONIAE			0	0-1	2	
127.2	STRONGYLOIDES		1	0	0-1	2	2
037	TETANUS			0	0-0		
130.9	TOXOPLASMOSIS		1	2	0-7		1
124	TRICHINOSIS			0	0-0		
086	TRYPANOSOMA CRUZI			0	0-0		
013	TUBERCULOSIS - NON-RESP.	1	2	2	0-5	12	17
011	TUBERCULOSIS - RESP.	7	3	7	1-13	48	43
010	TUBERCULOSIS-PRIM.	1		1	0-6	4	12
021.9	TULAREMIA			0	0-1	1	
002.0	TYPHOID			0	0-1		
081.9	TYPHUS			0	0-0		
B96.8	VANCOMYCIN R. ENTEROCOCCI	3	3		***	25	25
005.4	VIBRIO PARAHAEMOLYTICUS				***		
070.59	VIRAL HEP. OTHER				***		
047.0	VIRAL MENINGITIS-COXSACK		1	0	0-2		1
047.1	VIRAL MENINGITIS-ECHO	2		3	0-10	2	5
047.8	VIRAL MENINGITIS-ENTERO	2	1		***	2	2
054.72	VIRAL MENINGITIS-H SIMP			0	0-1		
047.9	VIRAL MENINGITIS-UNSPEC			0	0-1		
B95.7	VRSA			0	0-0		
062.1	W. EQUINE ENCEPHALITIS			0	0-0		
196	WNV ASYMPTOMATIC INFECTION				***		
198	WNV NEUROLOGICAL SYNDROME				***		
197	WNV NON-NEUROLOGICAL SYND				***		
066.3	WNV UNCLASSIFIED				***		
008.44	YERSINIA ENTEROCOLITICA	2	2	1	0-3	5	8
		373	358			1535	1939

* 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 2006

ICD9	Disease Name	<2		2 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 39		40 - 49		50 - 59		60 - 69		70 - 79		80 +		Missing age/gendr	Total
		F	M	F	M	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			1	1					6
005.2	C. PERFRINGENS																									1			1
008.43	CAMPYLOBACTER	2		1	1	2	1	1		1				1	2	2	3	2	2	3	1	1	1	1	3				31
558.2	CLOSTRIDIUM DIFFICILE				1							1		1	2	2	4	2	4	5	2	7	16	6	16	17	1		87
007.8	CRYPTOSPORIDIOSIS						1				1																		2
008.0	E. COLI 0157	1	1		1					1	1					1	1	2		1		1	1		1				13
007.1	GIARDIA LAMBLIA	1	1				1	1		1				1			1		2					1	1	1			12
070.1	HEPATITIS A															1													1
070.3	HEPATITIS B											1																	1
070.51	HEPATITIS C											1	1		1	3	2	4	12	1	5	1		1					32
084	MALARIA		2	1			2						1					1			1								8
B95.6	MRSA	4	5	2	2	2	4	7	1	5	3	2	5	1	3	6	7	8	2	5	7	6	4	3	10	12	9	1	126
728.86	NECROTIZING FASCIITIS																2			1	3								6
003.0	SALMONELLA	1		1				1							2		1	1			1			1					9
004	SHIGELLOSIS											1																	1
041.2	STREP.PNEUM.OTHER																			1				1		1			3
038.2	STREP.PNEUMOCOCCAL SEPTIC					1										1				1	1	1							5
038.0	STREPTOCOCCAL SEPTICEMIA																1												1
127.2	STRONGYLOIDIASIS																			1									1
130.9	TOXOPLASMOSIS													1															1
013	TUBERCULOSIS - NON-RESP.																2												2
011	TUBERCULOSIS - RESP.															1				1	1								3
B96.8	VANCOMYCIN RES. ENTER.																				1					1	1		3
047.0	VIRAL MENINGITIS-COXSACK	1																											1
047.8	VIRAL MENINGITIS-ENTERO											1																	1
008.44	YERSINIA ENTEROCOLITICA				1								1																2

ICD9	Disease Name	<2		2 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 39		40 - 49		50 - 59		60 - 69		70 - 79		80 +		Missing age/gendr	Total
		F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M		
		10	9	5	6	4	10	10	2	7	4	8	9	2	10	16	21	25	18	20	28	13	14	22	21	34	29		359

SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR June 2006

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	5							1														6
005.2	C. PERFRINGENS				1																		1
008.43	CAMPYLOBACTER	16			4		3		1				4				2				1		31
558.2	CLOSTRIDIUM DIFFICILE	51	4	2	3		3		7	1	6		6		3		1						87
007.8	CRYPTOSPORIDIOSIS										1		1										2
008.0	E. COLI 0157	6			1		1		1		2		1						1				13
007.1	GIARDIA LAMBLIA	9			1				1				1										12
070.1	HEPATITIS A	1																					1
070.3	HEPATITIS B												1										1
070.51	HEPATITIS C	19	1				1	2	3		1						2				3		32
084	MALARIA	8																					8
B95.6	MRSA	49	1		1		2		1	1	2	1	3		3	3	16	28	14			1	126
728.86	NECROTIZING FASCIITIS	1									1								4				6
003.0	SALMONELLA	5							2		1		1										9
004	SHIGELLOSIS						1																1
041.2	STREP.PNEUM.OTHER	2									1												3
038.2	STREP.PNEUMOCOCCAL SEPTICEMIA	2			1				2														5
038.0	STREPTOCOCCAL SEPTICEMIA	1																					1
127.2	STRONGYLOIDIASIS	1																					1
130.9	TOXOPLASMOSIS																	1					1
013	TUBERCULOSIS - NON-RESP.	1																1					2
011	TUBERCULOSIS - RESP.	1									1							1					3
B96.8	VANCOMYCIN RES. ENTER.	2							1														3
047.0	VIRAL MENINGITIS-COXSACK																				1		1
047.8	VIRAL MENINGITIS-ENTERO	1																					1
008.44	YERSINIA ENTEROCOLITICA										2												2
		181	6	2	12		11	2	20	2	18	1	18		6	3	21	31	19		5	1	359
Missing Investigation Forms (Jan.1 to end of May)		97	7	1	1		2		2	1	4		11				1	2	3		1		133

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

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STD Infection Summary Report - June 2006

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2005	2006	2005	2006
All Chlamydia Infections	361	347	2040	2072
All Gonorrhea Infections (including PRNG)	87	144	475	827
All Syphilis Infections	7	7	43	31
Gonorrhea & Chlamydia Co-infections	43	49	228	263
Penicillin Resistant Gonorrhea Infections (PRNG)				
Suspect PRNG				
HIV	14	4	58	41

Total Number of STD Cases by Age and Gender - June 2006

Disease Name	<2		2 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 39		40 - 49		50 - 59		60 - 69		70 - 79		80 +		Missing age/gendr	Total
	F	M	F	M	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	1	69	25	68	42	33	17	10	20	2	4		1		1						298
Gonorrhea Only Cases									16	8	6	12	6	14	5	15	2	9	1	1								95
Syphilis Only Cases									1				1		1		2		2									7
GC and CT Cases							2		16	5	9	8	4		3	1	1											49
							7	1	101	39	83	62	43	32	18	37	4	16	1	4		1						449
HIV															1	1		1		1								4

Regional STD Distribution - June 2006

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	8	4	2		8	5	8		19		8		10	2	23	67	19		2		347
All Gonorrhea Infections	82		2	4			2	2		7		2	2	3		5	28	5				144
All Syphilis Infections	6									1												7
GC and CT Infections	18		1									2		3		5	17	3				49

Missing Investigation Forms (Jan.1 to end of May)	69	5	4	2		3	5	7		4		3		2	13	12	33	3		2		167
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* F=Federal Jurisdiction (includes First Nations and Inuit Health Branch and Stony Mountain Penitentiary) P=Provincial Jurisdiction



Health

Healthy Living Division and Health Programs
Public Health Branch
Communicable Disease Control Unit
Fourth Floor, 300 Carlton Street
Winnipeg MB R3B 3M9
CANADA
Telephone: (204) 788-6786
Fax: (204) 948-2040

Santé

Division de la vie saine et des programmes de santé
Direction de la santé publique
Prévention des maladies transmissibles
300, rue Carlton, 4^e étage
Winnipeg MB R3B 3M9
CANADA
Téléphone: (204) 788-6786
Télécopieur: (204) 948-2040

Dear Colleague,

Please find attached the Summary of Communicable Diseases for the Month of July 2006. This report reflects the number of cases of reportable communicable diseases for which individuals in Manitoba tested positive* during the month of July 2006.

Communicable Diseases

In total, there were 396 new infections occurring across 30 communicable diseases** (excluding sexually transmitted infections and HIV) in July 2006. The observed number of cases were within the expected range for most of the reported communicable diseases with the exception of Verotoxin producing *E. coli* (25 cases observed; expected range 2-18 cases), Encephalitis (1 case observed; expect 0 cases), and Methicillin Resistant *Staphylococcus Aureus* (163 cases observed; expected range 0-141 cases). The expected number of cases and accompanying range is based on the number of cases during June, July, and August 2001-2005. The greater-than-expected numbers of *E. coli* are in part due to an outbreak suspected to be related to the distribution of contaminated meat.

Sexually Transmitted Infections & Blood-Borne Pathogens

There were 390 cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) in July: 272 cases of chlamydia (Ct), 79 cases of gonorrhoea (GC), and 39 GC-Ct co-infections; there were no reported cases of syphilis in July. Almost two-thirds (64%) of all GC and Ct cases in the province were reported among young adults between the ages of 15 and 24 years. More than half of all GC and Ct cases (55%) were reported for individuals living in the Winnipeg health region, and an additional 20% were from the Burntwood health region.

In July 24 individuals tested positive for hepatitis C, most of who were reported from the Winnipeg health region. The cases were fairly distributed between males and females, and two thirds of the cases were in the 30-49 year age groups. Ten Manitobans tested positive for HIV in July 2006.

*Note: Data for the monthly summary are aggregated based on the earliest of: symptom onset date, 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:

ascariasis (ICD9: 127.0)
clostridium difficile (ICD9: 558.2)
leishmaniasis – unspecified (ICD9: 085.9)
methicillin or vancomycin resistant staphylococcus aureus (MRSA/VRSA)
penicillin-resistant streptococcus pneumoniae (ICD9: 481.9)
schistosomiasis (ICD9: 120)
streptococcus pneumoniae – other site (ICD9: 041.2)
strongyloides (ICD9: 127.2)
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 July 2006

ICD9	DISEASE/INFECTION	MONTHLY TOTAL				YEAR-TO-DATE	
		2005	2006	Expected*	Ex. Range**	2005	2006
006.9	AMEBIASIS	1	2	2	0-5	21	25
022	ANTHRAX				***		
127.0	ASCARIASIS			0	0-0		
005.8	B. CEREUS			1	0-2		
320.82	BAC. MENINGITIS - E.COL			0	0-0		
320.0	BAC. MENINGITIS - HAEM			0	0-0		
320.9	BAC. MENINGITIS - OTHER			0	0-0	1	
320.1	BAC. MENINGITIS - PNEUM			0	0-1	2	
320.3	BAC. MENINGITIS - STAPH			0	0-1		
320.2	BAC. MENINGITIS - STREP			0	0-1		
320.7	BAC.MENINGITIS-LISTERIA				***		
005.1	BOTULISM				***		
023	BRUCELLOSIS			0	0-0		
005.2	C. PERFRINGENS			1	0-3	1	4
008.43	CAMPYLOBACTER	30	22	26	12-40	153	114
558.2	CLOSTRIDIUM DIFFICILE	97	84		***	369	701
046.1	CREUTZFELD-JACOB DISEASE				***		
007.8	CRYPTOSPORIDIOSIS	2		7	0-26	11	10
061.0	DENGUE FEVER			0	0-0		2
065.4	DENGUE HEMORRHAGIC FEVER			0	0-0		
V02.4	DIPH.CARRIERS			0	0-0		
032	DIPHTHERIA CASES			0	0-1		
123.4	DIPHYLLOBOTHRUM SPP	1		1	0-3	2	3
008.0	E. COLI-VEROTOXIGENIC	3	25	10	2-18	23	61
054.3	ENCEPHALITIS		1	0	0-0		1
005.9	FOOD POISONING OTHER		1	0	0-2		1
007.1	GIARDIA LAMBLIA	18	15	16	7-25	63	66
041.5	H.I.B.-NON MTGS	1		0	0-1	2	
480.8	HANTA VIRUS			0	0-0		
283.11	HEMOLYTIC UREMIC SYNDROME			0	0-1		
070.1	HEPATITIS A	3	3	2	0-5	16	10
070.3	HEPATITIS B	2		1	0-2	5	4
070.51	HEPATITIS C	20	24	40	10-70	251	167
054.8	HERPES-W-UNSPEC COMPL		1	0	0-1		5
A83.0	JAPANESE ENCEPHALITIS				***		
482.83	LEGIONELLA		1	0	0-1	2	1
085.9	LEISHMANIASIS			0	0-0		
030.9	LEPROSY			0	0-0		1
027.0	LISTERIA MONOCYTOGENES		2	0	0-1	3	3
088.81	LYME DISEASE		1	1	0-3	4	1
084	MALARIA	1		1	0-3	5	12
055.9	MEASLES			0	0-0		
036.0	MENINGOCOCCAL CSF			0	0-2	2	1
036.82	MENINGOCOCCAL ARTHROPATH				***		
036.2	MENINGOCOCCAL BLOOD			0	0-1	2	
B95.6	MRSA	146	163	61	0-141	643	837
072.9	MUMPS	2	1	1	0-3	4	1
036.89	N.MENINGITIDIS OTHER			0	0-1	2	2
728.86	NECROTIZING FASCIITIS		1	0	0-1	5	11
729.1	NECROTIZING MYOSITIS				***		
323.9	OTHER ENCEPHALITIS			0	0-0		
033.1	PARAPERTUSSIS				***	1	
002.9	PARATYPHOID			0	0-1		
027.2	PASTEURELLA MULTOCIDA				***		
033.0	PERTUSSIS	4	1	5	0-10	23	6
038.2	PNEUM. SEPTICEMIA	3	8	5	0-11	54	47

* 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	
		2005	2006	Expected*	Ex. Range**	2005	2006
073.9	PSITTACOSIS			0	0-0		
083.0	Q FEVER			0	0-1		
331.81	REYE'S SYNDROME				***		
391	RHEUMATIC FEVER			0	0-1		
056.9	RUBELLA			0	0-0		
771.0	RUBELLA CONGENITAL			0	0-0		
041.2	S.PNEUM.OTHER			1	0-3	13	4
003.0	SALMONELLA	13	9	17	11-23	89	86
120	SCHISTOSOMIASIS			0	0-0		
004	SHIGELLOSIS		1	1	0-4	6	6
005.0	STAPHYLOCOCCAL			0	0-1		
785.5	STAPHYLOCOCCUS AUREUS				***		
481.9	STREP PNEUMONIA - PR			0	0-1		
711.0	STREP.PNEUM.ARTHRITIS			0	0-0		1
580.0	STREPT GLOMERULONEPHRITIS			0	0-0		
040.89	STREPT TOXIC SHOCK			0	0-0	2	
481	STREPTOCOCCUS PNEUMONIAE	1		0	0-1	3	
127.2	STRONGYLOIDES			0	0-1	2	3
037	TETANUS			0	0-0		
130.9	TOXOPLASMOSIS			1	0-6		1
124	TRICHINOSIS			0	0-0		
086	TRYPANOSOMA CRUZI			0	0-0		
013	TUBERCULOSIS - NON-RESP.	3		2	0-6	15	18
011	TUBERCULOSIS - RESP.	5	7	6	0-12	53	50
010	TUBERCULOSIS-PRIM.	1	1	1	0-4	5	13
021.9	TULAREMIA		1	0	0-1	1	1
002.0	TYPHOID			0	0-1		
081.9	TYPHUS			0	0-0		
B96.8	VANCOMYCIN R. ENTEROCOCCI		1		***	25	26
005.4	VIBRIO PARAHAEMOLYTICUS				***		
070.59	VIRAL HEP. OTHER				***		
047.0	VIRAL MENINGITIS-COXSACK		2	1	0-5		3
047.1	VIRAL MENINGITIS-ECHO	4	2	5	0-12	6	7
047.8	VIRAL MENINGITIS-ENTERO	7	1		***	9	3
054.72	VIRAL MENINGITIS-H SIMP			0	0-1		
047.9	VIRAL MENINGITIS-UNSPEC			0	0-1		
B95.7	VRSA			0	0-0		
062.1	W. EQUINE ENCEPHALITIS			0	0-0		
196	WNV ASYMPTOMATIC INFECTION		1		***		1
198	WNV NEUROLOGICAL SYNDROME	2	7		***	2	7
197	WNV NON-NEUROLOGICAL SYND	12	7		***	12	8
066.3	WNV UNCLASSIFIED				***		
008.44	YERSINIA ENTEROCOLITICA	3		1	0-3	8	8
		385	396			1921	2343

* 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 2006

ICD9	Disease Name	<2		2 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 39		40 - 49		50 - 59		60 - 69		70 - 79		80 +		Missing age/gendr	Total
		F	M	F	M	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
008.43	CAMPYLOBACTER	3	1					1				3		1	2	1	1	2	2			2			1	1			22
558.2	CLOSTRIDIUM DIFFICILE							1						1		6		4	4	9		8	3	15	8	14	9	1	84
008.0	E. COLI 0157	3		2	2					4	2	1	2	1		1		2	1		1	2	1						25
054.3	ENCEPHALITIS																									1			1
005.9	FOOD POISONING OTHER																										1		1
007.1	GIARDIA LAMBLIA	2		1	1		1			3						1					3	1	1			1			15
070.1	HEPATITIS A						1													1									3
070.51	HEPATITIS C									1				1		2	7	1	6	3		1		1			1		24
054.8	HERPES-W-UNSPEC COMPL																	1											1
482.83	LEGIONELLA																				1								1
027.0	LISTERIA MONOCYTOGENES												1					1				1							2
088.81	LYME DISEASE																							1					1
B95.6	MRSA	4	5	2	7	9	10	6	13	5	2	4	4	6	4	4	7	3	8	6	8	1	6	5	7	12	12	1	163
072.9	MUMPS																	1											1
728.86	NECROTIZING FASCIITIS																					1							1
033.0	PERTUSSIS																	1											1
003.0	SALMONELLA				1				1						1	1	1	1	1			2				1			9
004	SHIGELLOSIS																1												1
038.2	STREP.PNEUMOCOCCAL SEPTIC	1							1							1	1	1				1	1	1	1	1			8
038.0	STREPTOCOCCAL SEPTICEMIA								1																				1
011	TUBERCULOSIS - RESP.																				3	2		1		1			7
010	TUBERCULOSIS-PRIM.								1																				1
021.9	TULAREMIA																	1											1
B96.8	VANCOMYCIN RES. ENTER.																										1		1
047.0	VIRAL MENINGITIS-COXSACK	1					1																						2

ICD9	Disease Name	<2		2 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 39		40 - 49		50 - 59		60 - 69		70 - 79		80 +		Missing age/gendr	Total
		F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M		
047.1	VIRAL MENINGITIS-ECHO					1																1							2
047.8	VIRAL MENINGITIS-ENTERO					1																							1
196	WNV Asymptomatic Infectio																			1									1
198	WNV Neurological Syndrome																	2	2						2		1		7
197	WNV Non-Neurological Synd												1				1		2	1				1					8
		10	10	6	12	9	15	8	24	8	4	8	9	8	7	16	19	19	30	23	18	18	15	23	20	30	25		398

SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR July 2006

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				
006.9	AMEBIASIS	2													2
008.43	CAMPYLOBACTER	14		1	2						1				22
558.2	CLOSTRIDIUM DIFFICILE	41	1	2	4				1	1	1	2		7	84
008.0	E. COLI 0157	10		1	2								2		25
054.3	ENCEPHALITIS	1													1
005.9	FOOD POISONING OTHER					1									1
007.1	GIARDIA LAMBLIA	10			2					1					15
070.1	HEPATITIS A	2					1								3
070.51	HEPATITIS C	18	1			2	1		1		1				24
054.8	HERPES-W/UNSPEC COMPL	1													1
482.83	LEGIONELLA							1							1
027.0	LISTERIA MONOCYTOGENES	2													2
088.81	LYME DISEASE	1													1
595.6	MRSA	44	5	2	2		2		3	17	46	18	1	1	163
072.9	MUMPS	1													1
728.86	NECROTIZING FASCIITIS					1									1
033.0	PERTUSSIS				1										1
003.0	SALMONELLA	3	1	1	1		1		1						9
004	SHIGELLOSIS		1												1
038.2	STREP.PNEUMOCOCCAL SE	4					1					1		1	8
038.0	STREPTOCOCCAL SEPTICEM												1		1
011	TUBERCULOSIS - RESP.	3		2							2				7
010	TUBERCULOSIS-PRIM.										1				1
021.9	TULAREMIA					1									1
596.8	VANCOMYCIN RES. ENTER.	1													1
047.0	VIRAL MENINGITIS-COXSACK	1				1									2
047.1	VIRAL MENINGITIS-ECHO						1				1				2
047.8	VIRAL MENINGITIS-ENTERO												1		1
196	WNV Asymptomatic Infectio			1											1
198	WNV/ Neurological Syndrome	1		1		4	1								7

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

CDC Surveillance Unit, Public Health Branch, Manitoba Health

Monday, September 11, 2006

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				
197	WNV Non-Neurological Synd	1				1									
		161	9	5	10	14	4	23	1	3					8
															398
	Missing Investigation Forms (Jan.1 to end of June)	106	3	1	4	4		2	1	3			3	3	1
															136

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

CDC Surveillance Unit, Public Health Branch, Manitoba Health

Monday, September 11, 2006

STD Infection Summary Report - July 2006

DISEASE/INFECTION	MONTHLY TOTAL			YEAR-TO-DATE		
	2005	2006	2006	2005	2006	2006
All Chlamydia Infections	252	311	2292	2384		
All Gonorrhea Infections (including PRNG)	78	118	553	944		
All Syphilis Infections	5		48	31		
Gonorrhea & Chlamydia Co-infections	22	39	250	302		
Penicillin Resistant Gonorrhea Infections (PRNG)						
Suspect PRNG						
HIV	12	10	70	51		

Total Number of STD Cases by Age and Gender - July 2006

Disease Name	<2		2 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 39		40 - 49		50 - 59		60 - 69		70 - 79		80 +		Missing		Total
	F	M	F	M	F	M	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									73	27	52	30	25	20	15	18		9	1	2									272
Gonorrhea Only Cases					1		1		9	5	12	14	3	4	6	10	1	7	1	4		1							79
GC and CT Cases							1		7	8	9	3	2	3		3		1		2									39
					1		2		89	40	73	47	30	27	21	31	1	17	2	8		1							390
HIV															1	3	3				2								10

Regional STD Distribution - July 2006

Disease/Infection	Case Referred to:*	Winnipeg		Brandon		N.Eastman		S.Eastman		Central		Assiniboine		Parkland		Norman		Burntwood		Churchill		OOP		Missing		TOTAL
		F	P	F	P	F	P	F	P	F	P	F	P	F	P	F	P	F	P	F	P	F	P	F	P	
All Chlamydia Infections	161			15		3	5		6		2	9	1	20		4	8	49	16			4				311
All Gonorrhea Infections	69			4		1	2				1	1	4			3	5	18	6			1				118
GC and CT Infections	17			1			1				1		1			2	2	8	3			1				39
Missing Investigation Forms (Jan. 1 to end of June)	81			2		5	1		4		6	8		5		2	1	15	12			1				200

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



Health

Healthy Living Division and Health Programs
Public Health Branch
Communicable Disease Control Unit
Fourth Floor, 300 Carlton Street
Winnipeg MB R3B 3M9
CANADA
Telephone: (204) 788-6786
Fax: (204) 948-2040

Santé

Division de la vie saine et des programmes de santé
Direction de la santé publique
Prévention des maladies transmissibles
300, rue Carlton, 4^e étage
Winnipeg MB R3B 3M9
CANADA
Téléphone: (204) 788-6786
Télécopieur: (204) 948-2040

Dear Colleague,

Please find attached the Summary of Communicable Diseases for the Month of August 2006. This report reflects the number of cases of reportable communicable diseases for which individuals in Manitoba tested positive* during the month of August 2006.

Communicable Diseases

In total, there were **472** new infections occurring across 27 communicable diseases** (excluding sexually transmitted infections and HIV) in August 2006. The observed number of cases were within the expected range for most of the reported communicable diseases with the exception of Verotoxin producing *E. coli* (51 cases observed; expected range 0-18 cases), Leprosy (1 case observed; expect 0 cases), Methicillin Resistant *Staphylococcus Aureus* (183 cases observed; expected range 0-152 cases), Necrotizing Fasciitis (2 cases observed; expected range 0-1 cases), Pneumococcal Septicemia (12 case observed; expected range 0-10 cases), and Schistosomiasis (1 case observed; expect 0 cases). The expected number of cases and accompanying range is based on the number of cases during July, August, and September 2001-2005. The greater-than-expected numbers of *E. coli* are in part due to an outbreak suspected to be related to the distribution, handling, and consumption of meat that may have been contaminated.

Sexually Transmitted Infections & Blood-Borne Pathogens

There were **515** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) in August: 363 cases of chlamydia (Ct), 112 cases of gonorrhoea (GC), 32 GC-Ct co-infections, and 8 cases of syphilis. More than 60% of all GC and Ct cases in the province were reported among young adults between the ages of 15 and 24 years. More than half of all GC and Ct cases (54%) were reported for individuals living in the Winnipeg health region, and an additional 17% were from the Burntwood health region.

In August 32 individuals tested positive for hepatitis C, most of who were reported from the Winnipeg health region. Half of the cases were in the 30-49 year age groups, mostly among males. Seven Manitobans, mostly males, tested positive for HIV in August 2006.

*Note: Data for the monthly summary are aggregated based on the earliest of: symptom onset date, 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:

ascariasis (ICD9: 127.0)
clostridium difficile (ICD9: 558.2)
leishmaniasis – unspecified (ICD9: 085.9)
methicillin or vancomycin resistant staphylococcus aureus (MRSA/VRSA)
penicillin-resistant streptococcus pneumoniae (ICD9: 481.9)
schistosomiasis (ICD9: 120)
streptococcus pneumoniae – other site (ICD9: 041.2)
strongyloides (ICD9: 127.2)
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 August 2006

ICD9	DISEASE/INFECTION	MONTHLY TOTAL				YEAR-TO-DATE	
		2005	2006	Expected*	Ex. Range**	2005	2006
006.9	AMEBIASIS	4		2	0-5	25	25
022	ANTHRAX		1		***		1
127.0	ASCARIASIS			0	0-0		
005.8	B. CEREUS			0	0-1		
320.82	BAC. MENINGITIS - E.COL			0	0-0		
320.0	BAC. MENINGITIS - HAEM			0	0-0		
320.9	BAC. MENINGITIS - OTHER			0	0-0	1	
320.1	BAC. MENINGITIS - PNEUM			0	0-1	2	
320.3	BAC. MENINGITIS - STAPH			0	0-0		
320.2	BAC. MENINGITIS - STREP			0	0-1		
320.7	BAC.MENINGITIS-LISTERIA				***		
005.1	BOTULISM				***		
023	BRUCELLOSIS			0	0-0		
005.2	C. PERFRINGENS			1	0-6	1	4
008.43	CAMPYLOBACTER	37	28	28	19-37	190	144
558.2	CLOSTRIDIUM DIFFICILE	118	79		***	487	780
046.1	CREUTZFELD-JACOB DISEASE				***		
007.8	CRYPTOSPORIDIOSIS	5	2	8	0-27	16	12
061.0	DENGUE FEVER			0	0-0		2
065.4	DENGUE HEMORRHAGIC FEVER			0	0-0		
V02.4	DIPH.CARRIERS			0	0-0		
032	DIPHThERIA CASES			0	0-1		
123.4	DIPHYLLOBOTHRIUM SPP			1	0-3	2	3
008.0	E. COLI-VEROTOXIGENIC	7	51	9	0-18	30	113
054.3	ENCEPHALITIS			0	0-0		1
005.9	FOOD POISONING OTHER			1	0-3		1
007.1	GIARDIA LAMBLIA	19	16	17	7-27	82	81
041.5	H.I.B.-NON MTGS			0	0-1	2	
480.8	HANTA VIRUS			0	0-0		
283.11	HEMOLYTIC UREMIC SYNDROME			0	0-1		
070.1	HEPATITIS A		1	1	0-3	16	11
070.3	HEPATITIS B		2	1	0-3	5	6
070.51	HEPATITIS C	31	32	39	15-63	282	199
054.8	HERPES-W-UNSPEC COMPL			0	0-1		5
A83.0	JAPANESE ENCEPHALITIS				***		
482.83	LEGIONELLA			0	0-0	2	2
085.9	LEISHMANIASIS			0	0-0		
030.9	LEPROSY		1	0	0-0		2
027.0	LISTERIA MONOCYTOGENES	1		0	0-1	4	3
088.81	LYME DISEASE	2		0	0-1	6	1
084	MALARIA			1	0-3	5	12
055.9	MEASLES			0	0-0		
036.0	MENINGOCOCCAL CSF			0	0-2	2	1
036.82	MENINGOCOCCAL ARTHROPATH				***		
036.2	MENINGOCOCCAL BLOOD			0	0-0	2	
B95.6	MRSA	121	183	67	0-152	764	1020
072.9	MUMPS	3		1	0-3	7	1
036.89	N.MENINGITIDIS OTHER			0	0-1	2	2
728.86	NECROTIZING FASCIITIS	1	2	0	0-1	6	13
729.1	NECROTIZING MYOSITIS				***		
323.9	OTHER ENCEPHALITIS			0	0-0		
033.1	PARAPERTUSSIS				***	1	
002.9	PARATYPHOID			0	0-0		
027.2	PASTEURELLA MULTOCIDA				***		
033.0	PERTUSSIS	3	1	5	0-12	26	7
038.2	PNEUM. SEPTICEMIA	4	12	5	0-10	58	59

* 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	
		2005	2006	Expected*	Ex. Range**	2005	2006
073.9	PSITTACOSIS			0	0-0		
083.0	Q FEVER			0	0-1		
331.81	REYE'S SYNDROME				***		
391	RHEUMATIC FEVER			0	0-1		
056.9	RUBELLA			0	0-0		
771.0	RUBELLA CONGENITAL			0	0-0		
041.2	S.PNEUM.OTHER			1	0-3	13	4
003.0	SALMONELLA	18	17	16	9-23	107	103
120	SCHISTOSOMIASIS		1	0	0-0		1
004	SHIGELLOSIS		3	1	0-4	6	9
005.0	STAPHYLOCOCCAL			0	0-1		
785.5	STAPHYLOCOCCUS AUREUS				***		
481.9	STREP PNEUMONIA - PR			0	0-0		
711.0	STREP.PNEUM.ARTHRITIS			0	0-0		1
580.0	STREPT GLOMERULONEPHRITIS			0	0-0		
040.89	STREPT TOXIC SHOCK			0	0-0	2	
481	STREPTOCOCCUS PNEUMONIAE			0	0-1	3	
127.2	STRONGYLOIDES	1		0	0-1	3	3
037	TETANUS		1	0	0-1		1
130.9	TOXOPLASMOSIS			2	0-7		1
124	TRICHINOSIS			0	0-0		
086	TRYPANOSOMA CRUZI			0	0-0		
013	TUBERCULOSIS - NON-RESP.	5		3	0-9	20	18
011	TUBERCULOSIS - RESP.	5	4	6	0-14	58	54
010	TUBERCULOSIS-PRIM.	3		1	0-4	8	13
021.9	TULAREMIA			0	0-1	1	1
002.0	TYPHOID			0	0-1		
081.9	TYPHUS			0	0-0		
B96.8	VANCOMYCIN R. ENTEROCOCCI	4	1		***	29	27
005.4	VIBRIO PARAHAEMOLYTICUS				***		
070.59	VIRAL HEP. OTHER				***		
047.0	VIRAL MENINGITIS-COXSACK	1	5	1	0-5	1	8
047.1	VIRAL MENINGITIS-ECHO	11		6	0-12	17	7
047.8	VIRAL MENINGITIS-ENTERO	3	1		***	12	4
054.72	VIRAL MENINGITIS-H SIMP			0	0-1		
047.9	VIRAL MENINGITIS-UNSPEC			0	0-1		
B95.7	VRSA			0	0-0		
062.1	W. EQUINE ENCEPHALITIS			0	0-0		
196	WNV ASYMPTOMATIC INFECTION	3	1		***	3	2
198	WNV NEUROLOGICAL SYNDROME	8	4		***	10	11
197	WNV NON-NEUROLOGICAL SYND	27	11		***	39	19
066.3	WNV UNCLASSIFIED	1	9		***	1	9
008.44	YERSINIA ENTEROCOLITICA	1	3	1	0-3	9	11
		447	472			2368	2818

* 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 2006

		<2		2 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 39		40 - 49		50 - 59		60 - 69		70 - 79		80 +		Missing age/gendr	Total
ICD9	Disease Name	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M		
022	ANTHRAX								1																				1
008.43	CAMPYLOBACTER		2	2		1	1		1		3	2	1	2		1	2	2	1		3	2	1		1				28
558.2	CLOSTRIDIUM DIFFICILE	1		1							1	1			4	1	3	3	3	1	4	7	16	6	11	16			79
007.8	CRYPTOSPORIDIOSIS				1	1																						2	
008.0	E. COLI 0157	1	1	1	1	1	1	2	4	1	5	4	3	1	1	1	5	3	5	4	1	2	1	1		1			51
007.1	GIARDIA LAMBLIA			1	1	1	2		3		1	1		1		1	2		1		1								16
070.1	HEPATITIS A																									1			1
070.3	HEPATITIS B									1		1																	2
070.51	HEPATITIS C										2		1	3	4	3	1	8	3	3	1	1					2		32
030.9	LEPROSY																									1			1
B95.6	MRSA	5	4	2	2	9	9	9	14	5	8	3	6	6	5	7	10	9	3	5	7	2	5	10	11	15	11	1	183
728.86	NECROTIZING FASCIITIS										1										1								2
033.0	PERTUSSIS																	1											1
003.0	SALMONELLA		1							2	1	1			1	2	1	2		1	1		2		1		1		17
120	SCHISTOSOMIASIS																1												1
004	SHIGELLOSIS															1	1			1									3
038.2	STREP.PNEUMOCOCCAL SEPTIC	2	2													1	1		2	1		1	1			1			12
038.0	STREPTOCOCCAL SEPTICEMIA													1															1
037	TETANUS															1													1
011	TUBERCULOSIS - RESP.																3	1											4
B96.8	VANCOMYCIN RES. ENTER.										1																		1
047.0	VIRAL MENINGITIS-COXSACK	2	1			1			1																				5
047.8	VIRAL MENINGITIS-ENTERO						1																						1
196	WNV Asymptomatic Infectio										1									1									2
198	WNV Neurological Syndrome															1		2	2		2	1			2		1		11
197	WNV Non-Neurological Synd											1			1	2	1	3	3	4		1	1	1	1	1			19

ICD9	Disease Name	<2		2 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 39		40 - 49		50 - 59		60 - 69		70 - 79		80 +		Missing age/gendr	Total
		F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M		
066.3	WNV Unclassified											1						3	2		1		1	1					9
008.44	YERSINIA ENTEROCOLITICA															1		1	1										3
		11	11	7	5	14	14	11	24	8	20	16	14	11	11	26	32	28	32	21	24	15	20	29	22	31	29		489

SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR August 2006

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				
022	ANTHRAX						1																1
008.43	CAMPYLOBACTER	14	2				3				4		2		1			1	1				28
558.2	CLOSTRIDIUM DIFFICILE	50	4		4		2		2		8		5		1		1	2					79
007.8	CRYPTOSPORIDIOSIS	1									1												2
008.0	E. COLI 0157	40				1	5				2		3										51
007.1	GIARDIA LAMBLIA	9	1		1						2		1		1					1			16
070.1	HEPATITIS A	1																					1
070.3	HEPATITIS B	1																			1		2
070.51	HEPATITIS C	19	2		1		2	4	1		3												32
030.9	LEPROSY	1																					1
B95.6	MRSA	63	6	1	1		1	1	3		4		2		6	6	12	57	19			1	183
728.86	NECROTIZING FASCIITIS												1					1					2
033.0	PERTUSSIS						1																1
003.0	SALMONELLA	7	1				2		1		2		2		1			1					17
120	SCHISTOSOMIASIS	1																					1
004	SHIGELLOSIS	3																					3
038.2	STREP.PNEUMOCOCCAL SEPTIC	4									1		1			1	3	2					12
038.0	STREPTOCOCCAL SEPTICEMIA		1																				1
037	TETANUS	1																					1
011	TUBERCULOSIS - RESP.	1																3					4
B96.8	VANCOMYCIN RES. ENTER.	1																					1
047.0	VIRAL MENINGITIS-COXSACK	2	1				1														1		5
047.8	VIRAL MENINGITIS-ENTERO						1																1
196	WNV Asymptomatic Infectio				1				1														2
198	WNV Neurological Syndrome	4			1				5		1												11
197	WNV Non-Neurological Synd	4					2		2		8		3										19
066.3	WNV Unclassified	5					1				1		2										9
008.44	YERSINIA ENTEROCOLITICA	3																					3

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

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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				
		235	18	1	9	1	22	5	15		37		22		10	7	16	67	20	1	2	1	489
Missing Investigation Forms (Jan.1 to end of July)		144	4	1	5		9	2	4	1	3		7		1	1		4	3		2		191

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

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STD Infection Summary Report - August 2006

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2005	2006	2005	2006
All Chlamydia Infections	318	395	2610	2780
All Gonorrhea Infections (including PRNG)	104	144	657	1087
All Syphilis Infections	4	8	52	39
Gonorrhea & Chlamydia Co-infections	45	32	295	334
Penicillin Resistant Gonorrhea Infections (PRNG)				
Suspect PRNG				
HIV	6	7	75	58

Total Number of STD Cases by Age and Gender - August 2006

Disease Name	<2		2 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 39		40 - 49		50 - 59		60 - 69		70 - 79		80 +		Missing age/gendr	Total
	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M		
Chlamydia Only Cases					1		5	2	73	34	84	46	36	26	19	19	3	11	1	3								363
Gonorrhea Only Cases					1		2		12	16	16	12	9	14	6	10	4	8		2								112
Syphilis Only Cases									1					1		2		2		1		1						8
GC and CT Cases							1		8	2	6	3	3	4	2	3												32
					2		8	2	94	52	106	61	48	45	27	34	7	21	1	6		1						515
HIV															1	2		3		1								7

Regional STD Distribution - August 2006

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	205	24	8	10		5	5	9		26		7	4	7	2	12	49	21		1		395
All Gonorrhea Infections	84	2	5	6		1	1	1		6				2	1	7	17	9		1	1	144
All Syphilis Infections	8																					8
GC and CT Infections	15					1		1		2				1	1	3	6	2				32

Missing Investigation Forms (Jan.1 to end of July)	95	7	5	4		7	7	7		7		3		1	20	14	77	7		2		263
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* F=Federal Jurisdiction (includes First Nations and Inuit Health Branch and Stony Mountain Penitentiary) P=Provincial Jurisdiction



Health

Healthy Living Division and Health Programs
Public Health Branch
Communicable Disease Control Unit
Fourth Floor, 300 Carlton Street
Winnipeg MB R3B 3M9
CANADA
Telephone: (204) 788-6786
Fax: (204) 948-2040

Santé

Division de la vie saine et des programmes de santé
Direction de la santé publique
Prévention des maladies transmissibles
300, rue Carlton, 4^e étage
Winnipeg MB R3B 3M9
CANADA
Téléphone: (204) 788-6786
Télécopieur: (204) 948-2040

Dear Colleague,

Please find attached the Summary of Communicable Diseases for the Month of September 2006. This report reflects the number of cases of reportable communicable diseases for which individuals in Manitoba tested positive* during the month of September 2006.

Communicable Diseases

In total, there were **415** new infections occurring across 26 communicable diseases** (excluding sexually transmitted infections and HIV) in September 2006. The observed number of cases were within the expected range for most of the reported communicable diseases with the exception of Hanta Virus (1 case observed; expect 0 cases) and Methicillin Resistant Staphylococcus Aureus (189 cases observed; expected range 0-144 cases). The expected number of cases and accompanying range is based on the number of cases during August, September, and October 2001-2005.

Sexually Transmitted Infections & Blood-Borne Pathogens

There were **461** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) in September: 321 cases of chlamydia (Ct), 89 cases of gonorrhoea (GC), 47 GC-Ct co-infections, and 4 cases of syphilis. About two-thirds of all GC and Ct cases in the province were reported among young adults between the ages of 15 and 24 years. About half of all GC and Ct cases (45.7%) were reported for individuals living in the Winnipeg health region, and an additional 20% were from the Burntwood health region.

In September, 32 individuals tested positive for hepatitis C, most of who were reported from the Winnipeg health region. More than two-thirds of the cases were in the 30-49 year age groups, mostly among males. Eleven Manitobans, mostly males, tested positive for HIV in September 2006.

*Note: Data for the monthly summary are aggregated based on the earliest of: symptom onset date, 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:

ascariasis (ICD9: 127.0)
clostridium difficile (ICD9: 558.2)
leishmaniasis – unspecified (ICD9: 085.9)
methicillin or vancomycin resistant staphylococcus aureus (MRSA/VRSA)
penicillin-resistant streptococcus pneumoniae (ICD9: 481.9)
schistosomiasis (ICD9: 120)
streptococcus pneumoniae – other site (ICD9: 041.2)
strongyloides (ICD9: 127.2)
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 2006

ICD9	DISEASE/INFECTION	MONTHLY TOTAL				YEAR-TO-DATE	
		2005	2006	Expected*	Ex. Range**	2005	2006
006.9	AMEBIASIS	2	2	2	0-5	27	28
022	ANTHRAX				***		1
127.0	ASCARIASIS			0	0-0		
005.8	B. CEREUS	1		0	0-1	1	
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	2	
320.3	BAC. MENINGITIS - STAPH			0	0-0		
320.2	BAC. MENINGITIS - STREP			0	0-1		
320.7	BAC.MENINGITIS-LISTERIA				***		
116.0	BLASTOMYCOSIS				***		
005.1	BOTULISM				***		
023	BRUCELLOSIS			0	0-0		
005.2	C. PERFRINGENS	2		2	0-7	3	4
008.43	CAMPYLOBACTER	26	27	25	13-37	216	172
558.2	CLOSTRIDIUM DIFFICILE	130	93		***	617	873
046.1	CREUTZFELD-JACOB DISEASE				***		
007.8	CRYPTOSPORIDIOSIS	2	9	7	0-27	18	23
061.0	DENGUE FEVER			0	0-0		2
065.4	DENGUE HEMORRHAGIC FEVER			0	0-0		
V02.4	DIPH.CARRIERS			0	0-0		
032	DIPHThERIA CASES			0	0-0		
123.4	DIPHYLLOBOTHRIUM SPP			0	0-2	2	4
008.0	E. COLI-VEROTOXIGENIC	3	15	7	0-16	33	131
054.3	ENCEPHALITIS			0	0-0		1
005.9	FOOD POISONING OTHER			0	0-2		1
007.1	GIARDIA LAMBLIA	12	10	15	3-27	94	95
041.5	H.I.B.-NON MTGS		1	0	0-1	2	1
041.59	HAEM. INFLUENZAE (non-B)				***		
480.8	HANTA VIRUS		1	0	0-0		1
283.11	HEMOLYTIC UREMIC SYNDROME			0	0-1		
070.1	HEPATITIS A			1	0-3	16	10
070.3	HEPATITIS B			1	0-2	5	6
070.51	HEPATITIS C	30	32	40	20-60	312	234
054.8	HERPES-W-UNSPEC COMPL			0	0-0		5
487.1A	INFLUENZA A				***		
487.1B	INFLUENZA B				***		
A83.0	JAPANESE ENCEPHALITIS				***		
482.83	LEGIONELLA		1	0	0-1	3	2
085.9	LEISHMANIASIS			0	0-0		
030.9	LEPROSY			0	0-0		2
027.0	LISTERIA MONOCYTOGENES		1	0	0-1	4	4
088.81	LYME DISEASE		1	0	0-1	6	2
084	MALARIA	3	3	1	0-3	8	16
055.9	MEASLES			0	0-0		
036.0	MENINGOCOCCAL CSF			0	0-1	2	1
036.82	MENINGOCOCCAL ARTHROPATH				***		
036.2	MENINGOCOCCAL BLOOD			0	0-1	2	
B95.6	MRSA	151	189	66	0-144	915	1208
072.9	MUMPS	1		0	0-2	8	1
036.89	N.MENINGITIDIS OTHER			0	0-1	2	2
728.86	NECROTIZING FASCIITIS	1		1	0-2	7	13
729.1	NECROTIZING MYOSITIS				***		
323.9	OTHER ENCEPHALITIS			0	0-0		
033.1	PARAPERTUSSIS				***	1	

* Mean of 15 month totals, from previous, comparable and subsequent months for the past 5 years

** Mean +/- 2 standard deviations of mean

*** Data collected for less than 5 years.

ICD9	DISEASE/INFECTION	MONTHLY TOTAL				YEAR-TO-DATE	
		2005	2006	Expected*	Ex. Range**	2005	2006
002.9	PARATYPHOID			0	0-0		
027.2	PASTEURELLA MULTOCIDA				***		
033.0	PERTUSSIS		1	5	0-13	26	8
038.2	PNEUM. SEPTICEMIA	3	4	5	0-11	61	63
073.9	PSITTACOSIS			0	0-0		
083.0	Q FEVER			0	0-1		
331.81	REYE'S SYNDROME				***		
391	RHEUMATIC FEVER			0	0-1		
056.9	RUBELLA			0	0-0		
771.0	RUBELLA CONGENITAL			0	0-0		
041.2	S.PNEUM.OTHER	1		1	0-3	14	4
003.0	SALMONELLA	12	11	17	11-23	119	115
120	SCHISTOSOMIASIS			0	0-0		1
004	SHIGELLOSIS	2	1	1	0-4	8	10
050.9	SMALLPOX				***		
005.0	STAPHYLOCOCCAL			0	0-1		
785.5	STAPHYLOCOCCUS AUREUS				***		
481.9	STREP PNEUMONIA - PR			0	0-0		
711.0	STREP.PNEUM.ARTHRITIS			0	0-0		1
580.0	STREPT GLOMERULONEPHRITIS			0	0-0		
040.89	STREPT TOXIC SHOCK			0	0-1	2	
481	STREPTOCOCCUS PNEUMONIAE			0	0-1	3	
127.2	STRONGYLOIDES		1	0	0-1	3	4
037	TETANUS			0	0-1		1
130.9	TOXOPLASMOSIS			1	0-5		1
124	TRICHINOSIS			0	0-0		
086	TRYPANOSOMA CRUZI			0	0-0		
013	TUBERCULOSIS - NON-RESP.	1	1	3	0-8	21	20
011	TUBERCULOSIS - RESP.	9	3	6	0-14	67	57
010	TUBERCULOSIS-PRIM.			1	0-3	8	13
021.9	TULAREMIA			0	0-1	1	1
002.0	TYPHOID			0	0-1		
081.9	TYPHUS			0	0-0		
B96.8	VANCOMYCIN R. ENTEROCOCCI	7			***	36	27
005.4	VIBRIO PARAHAEMOLYTICUS				***		
070.59	VIRAL HEP. OTHER				***		
047.0	VIRAL MENINGITIS-COXSACK		1	1	0-4	1	10
047.1	VIRAL MENINGITIS-ECHO	8		5	0-11	25	7
047.8	VIRAL MENINGITIS-ENTERO	4	1		***	16	5
054.72	VIRAL MENINGITIS-H SIMP			0	0-1		
047.9	VIRAL MENINGITIS-UNSPEC			0	0-1		
B95.7	VRSA			0	0-0		
062.1	W. EQUINE ENCEPHALITIS			0	0-0		
196	WNV ASYMPTOMATIC INFECTION				***	3	1
198	WNV NEUROLOGICAL SYNDROME				***	10	16
197	WNV NON-NEUROLOGICAL SYND	5	2		***	45	31
066.3	WNV UNCLASSIFIED		2		***		3
008.44	YERSINIA ENTEROCOLITICA	4	2	1	0-3	13	12
		420	415			2789	3254

* 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 2006

		<1		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 39		40 - 49		50 - 59		60 - 69		70 - 79		80 +		Missing age/gendr	Total	
ICD9	Disease Name	F	M	F	M	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
008.43	CAMPYLOBACTER	1				2	2	1	1					2		2		4	4		3	1	1	1		1	1			27
558.2	CLOSTRIDIUM DIFFICILE						1	1		1		1	2	1	2	6	1	3	2	4	1	6	4	11	13	19	14			93
007.8	CRYPTOSPORIDIOSIS			1	4			1		1	1									1										9
008.0	E. COLI 0157			3	2									1			1	1		1			1	2	1	2				15
007.1	GIARDIA LAMBLIA			2	3	1	1			1					1		1													10
041.5	HAEM.INFLUENZA B (not csf																1													1
480.8	HANTA VIRUS				1																									1
070.51	HEPATITIS C								1					1	1	5	6	3	8	2	2	1						2		32
482.83	LEGIONELLA																		1											1
027.0	LISTERIA MONOCYTOGENES																										1			1
088.81	LYME DISEASE							1																						1
084	MALARIA												2				1													3
B95.6	MRSA		4	8	7	13	10	9	7	3	5	9	1	8	2	7	7	8	9	6	11	8	7	6	11	7	16			189
033.0	PERTUSSIS		1																											1
003.0	SALMONELLA			1	1					1				1		3			1		1	1		1						11
004	SHIGELLOSIS				1																									1
038.2	STREP.PNEUMOCOCCAL SEPTIC			1	1											1	1													4
127.2	STRONGYLOIDIASIS														1															1
013	TUBERCULOSIS - NON-RESP.																									1				1
011	TUBERCULOSIS - RESP.																		1				1				1			3
047.0	VIRAL MENINGITIS-COXSACK		1																											1
047.8	VIRAL MENINGITIS-ENTERO														1															1
196	WNV Asymptomatic Infectio											1																		1
198	WNV Neurological Syndrome													1		1		3	3	1	3	1			2		1			16
197	WNV Non-Neurological Synd												1			1	2	4	6	2	6		4	2	1	1	1			31

ICD9	Disease Name	<1		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 39		40 - 49		50 - 59		60 - 69		70 - 79		80 +		Missing age/gendr	Total
		F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M		
066.3	WNV Unclassified												1							2									3
008.44	YERSINIA ENTEROCOLITICA												1					1											2
		1	6	16	20	16	14	13	8	5	8	12	8	15	8	27	20	28	35	17	29	18	19	23	29	32	33		462

SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR September 2006

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																2
008.43	CAMPYLOBACTER	11	2				2		1		3		4		2			1				1	27
558.2	CLOSTRIDIUM DIFFICILE	57	3		2		5		4		9		8		3			1	1				93
007.8	CRYPTOSPORIDIOSIS	4					2		1		1		1										9
008.0	E. COLI 0157	8	2				1				1	1	2										15
007.1	GIARDIA LAMBLIA	5							1		3						1						10
041.5	HAEM.INFLUENZA B (not csf	1																					1
480.8	HANTA VIRUS								1														1
070.51	HEPATITIS C	25			1				2		1						1		1			1	32
482.83	LEGIONELLA				1																		1
027.0	LISTERIA MONOCYTOGENES												1										1
088.81	LYME DISEASE	1																					1
084	MALARIA	2																				1	3
B95.6	MRSA	70	4	1	1				2		4	1	7	1	1	1	18	56	18		1	3	189
033.0	PERTUSSIS	1																					1
003.0	SALMONELLA	4			2				1		1		1		1		1						11
004	SHIGELLOSIS	1																					1
038.2	STREP.PNEUMOCOCCAL SEPTIC	1																1	2				4
127.2	STRONGYLOIDIASIS	1																					1
013	TUBERCULOSIS - NON-RESP.																	1					1
011	TUBERCULOSIS - RESP.	2					1																3
047.0	VIRAL MENINGITIS-COXSACK																		1				1
047.8	VIRAL MENINGITIS-ENTERO	1																					1
196	WNV Asymptomatic Infectio								1														1
198	WNV Neurological Syndrome	5			1		2		6		2												16
197	WNV Non-Neurological Synd	9			1		1		4		9		6						1				31
066.3	WNV Unclassified	3																					3
008.44	YERSINIA ENTEROCOLITICA								1												1		2

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

Page 3

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				
		213	11	1	9		15		25		34	2	30	1	7	1	21	60	24		2	6	462
Missing Investigation Forms (Jan.1 to end of August)		191	6	1	3		10	1	4	1	4		11		1		1	4	2	1	2		243

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

STD Infection Summary Report - September 2006

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2005	2006	2005	2006
All Chlamydia Infections	334	368	2944	3150
All Gonorrhea Infections (including PRNG)	112	136	769	1224
All Syphilis Infections	11	4	63	42
Gonorrhea & Chlamydia Co-infections	42	47	337	381
Penicillin Resistant Gonorrhea Infections (PRNG)				
Suspect PRNG				
HIV	12	11	87	68

Total Number of STD Cases by Age and Gender - September 2006

	<1		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 39		40 - 49		50 - 59		60 - 69		70 - 79		80 +		Missing age/gendr	Total	
Disease Name	F	M	F	M	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		90	18	74	46	28	14	25	9	1	8		1		1							321
Gonorrhea Only Cases			1		2		2		13	8	10	12	6	11	7	10	1	6											89
Syphilis Only Cases											1									2		1							4
GC and CT Cases					1		1		13	7	9	6	2	3		4		1											47
			1		3		9		116	33	94	64	36	28	32	23	2	15		3		2							461
HIV													1		2	3	1	2		1		1							11

Regional STD Distribution - September 2006

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	159	8	4	14	1	8	6	11		26		9	5	20	3	14	56	21		3		368
All Gonorrhea Infections	62	2	2	5			1	7	1	12		2		4		4	22	11		1		136
All Syphilis Infections	3							1														4
GC and CT Infections	12	1		3				3		2		1		3		2	13	6		1		47

Missing Investigation Forms (Jan.1 to end of August)	44	7	5	3		2	8	6		4		4	1	1	22	10	51	6		1	1	176
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* F=Federal Jurisdiction (includes First Nations and Inuit Health Branch and Stony Mountain Penitentiary) P=Provincial Jurisdiction



Health

Healthy Living Division and Health Programs
Public Health Branch
Communicable Disease Control Unit
Fourth Floor, 300 Carlton Street
Winnipeg MB R3B 3M9
CANADA
Telephone: (204) 788-6786
Fax: (204) 948-2040

Santé

Division de la vie saine et des programmes de santé
Direction de la santé publique
Prévention des maladies transmissibles
300, rue Carlton, 4^e étage
Winnipeg MB R3B 3M9
CANADA
Téléphone: (204) 788-6786
Télécopieur: (204) 948-2040

Dear Colleague,

Please find attached the Summary of Communicable Diseases for the Month of October 2006. This report reflects the number of cases of reportable communicable diseases for which individuals in Manitoba tested positive* during the month of October 2006.

Communicable Diseases

In total, there were **415** new infections occurring across 24 communicable diseases** (excluding sexually transmitted infections and HIV) in October 2006. The observed number of cases were within the expected range for most of the reported communicable diseases with the exception of *Diphyllobothrium* (2 cases observed; expected range 0-1 cases), *E. coli* (22 cases observed; expected range 0-10 cases), *Listeria monocytogenes* (2 cases observed; expected range 0-1 cases), *Invasive pneumococcus septicaemia* (18 cases observed; expected range 0-13 cases) and *Methicillin Resistant Staphylococcus Aureus* (189 cases observed; expected range 0-152 cases). The expected number of cases and accompanying range is based on the number of cases during September, October and November 2001-2005.

Sexually Transmitted Infections & Blood-Borne Pathogens

There were **505** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) in October: 377 cases of chlamydia (Ct), 73 cases of gonorrhoea (GC), 47 GC-Ct co-infections, and 8 cases of syphilis. About two-thirds of all GC and Ct cases in the province were reported among young adults between the ages of 15 and 24 years. More than half of all GC and Ct cases (54%) were reported for individuals living in the Winnipeg health region, and an additional 17% were from the Burntwood health region.

In October, 40 individuals tested positive for hepatitis C, most of who were reported from the Winnipeg health region. About two-thirds of the cases were in the 30-49 year age groups, mostly among males. Seven Manitobans, mostly males, tested positive for HIV in October 2006.

*Note: Data for the monthly summary are aggregated based on the earliest of: symptom onset date, 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:

ascariasis (ICD9: 127.0)
clostridium difficile (ICD9: 558.2)
leishmaniasis – unspecified (ICD9: 085.9)
methicillin or vancomycin resistant staphylococcus aureus (MRSA/VRSA)
penicillin-resistant streptococcus pneumoniae (ICD9: 481.9)
schistosomiasis (ICD9: 120)
streptococcus pneumoniae – other site (ICD9: 041.2)
strongyloides (ICD9: 127.2)
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. Suresh Khatkar
Epidemiologist, Communicable Diseases

SUMMARY OF COMMUNICABLE DISEASE FOR October 2006

ICD9	DISEASE/INFECTION	MONTHLY TOTAL				YEAR-TO-DATE	
		2005	2006	Expected*	Ex. Range**	2005	2006
006.9	AMEBIASIS		4	2	0-4	27	32
022	ANTHRAX				***		1
127.0	ASCARIASIS			0	0-0		
005.8	B. CEREUS			0	0-1	1	
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	2	3
320.3	BAC. MENINGITIS - STAPH			0	0-0		
320.2	BAC. MENINGITIS - STREP			0	0-1		
320.7	BAC.MENINGITIS-LISTERIA				***		
116.0	BLASTOMYCOSIS		3		***		3
005.1	BOTULISM				***		
023	BRUCELLOSIS			0	0-0		
005.2	C. PERFRINGENS		1	10	0-71	3	6
008.43	CAMPYLOBACTER	29	24	21	9-33	245	200
558.2	CLOSTRIDIUM DIFFICILE	130	72		***	747	946
046.1	CREUTZFELD-JACOB DISEASE				***		1
007.8	CRYPTOSPORIDIOSIS		1	4	0-13	18	26
061.0	DENGUE FEVER			0	0-0		2
065.4	DENGUE HEMORRHAGIC FEVER			0	0-0		
V02.4	DIPH.CARRIERS			0	0-1		
032	DIPHThERIA CASES			0	0-0		
123.4	DIPHYLLOBOTHRIUM SPP		2	0	0-1	2	6
008.0	E. COLI-VEROTOXIGENIC	2	22	4	0-10	35	153
054.3	ENCEPHALITIS			0	0-0		1
005.9	FOOD POISONING OTHER			0	0-2		1
007.1	GIARDIA LAMBLIA	9	14	13	3-23	103	115
041.5	H.I.B.-NON MTGS	1		0	0-1	3	1
041.59	HAEM. INFLUENZAE (non-B)		1		***		1
480.8	HANTA VIRUS			0	0-0		
283.11	HEMOLYTIC UREMIC SYNDROME	1		0	0-1	1	
070.1	HEPATITIS A		2	1	0-4	16	12
070.3	HEPATITIS B	1		1	0-2	6	6
070.51	HEPATITIS C	36	40	41	21-61	348	274
054.8	HERPES-W-UNSPEC COMPL			0	0-0		5
487.1A	INFLUENZA A				***		
487.1B	INFLUENZA B				***		
A83.0	JAPANESE ENCEPHALITIS				***		
482.83	LEGIONELLA			0	0-1	3	2
085.9	LEISHMANIASIS			0	0-0		
030.9	LEPROSY			0	0-0		2
027.0	LISTERIA MONOCYTOGENES		2	0	0-1	4	6
088.81	LYME DISEASE			0	0-0	6	2
084	MALARIA	2	1	1	0-3	10	17
055.9	MEASLES			0	0-0		
036.0	MENINGOCOCCAL CSF			0	0-1	3	1
036.82	MENINGOCOCCAL ARTHROPATHY				***		
036.2	MENINGOCOCCAL BLOOD			0	0-1	2	
B95.6	MRSA	117	189	65	0-152	1032	1396
072.9	MUMPS			0	0-1	8	1
036.89	N.MENINGITIDIS OTHER			0	0-1	1	2
728.86	NECROTIZING FASCIITIS			1	0-3	7	15
729.1	NECROTIZING MYOSITIS				***		
323.9	OTHER ENCEPHALITIS			0	0-0		
033.1	PARAPERTUSSIS				***	1	

* Mean of 15 month totals, from previous, comparable and subsequent months for the past 5 years

** Mean +/- 2 standard deviations of mean

*** Data collected for less than 5 years.

ICD9	DISEASE/INFECTION	MONTHLY TOTAL				YEAR-TO-DATE	
		2005	2006	Expected*	Ex. Range**	2005	2006
002.9	PARATYPHOID			0	0-0		
027.2	PASTEURELLA MULTOCIDA				***		
033.0	PERTUSSIS	3	1	5	0-14	29	9
038.2	PNEUM. SEPTICEMIA	5	18	6	0-13	66	108
073.9	PSITTACOSIS			0	0-0		
083.0	Q FEVER			0	0-1		
331.81	REYE'S SYNDROME				***		
391	RHEUMATIC FEVER			0	0-1		
056.9	RUBELLA			0	0-0		
771.0	RUBELLA CONGENITAL			0	0-0		
041.2	S.PNEUM.OTHER			1	0-3	14	1
003.0	SALMONELLA	16	10	14	5-23	135	127
120	SCHISTOSOMIASIS			0	0-1		1
004	SHIGELLOSIS	1		1	0-4	9	10
050.9	SMALLPOX				***		
005.0	STAPHYLOCOCCAL			0	0-0		
785.5	STAPHYLOCOCCUS AUREUS				***		
481.9	STREP PNEUMONIA - PR			0	0-1		
711.0	STREP.PNEUM.ARTHRITIS			0	0-0		1
580.0	STREPT GLOMERULONEPHRITIS			0	0-0		
040.89	STREPT TOXIC SHOCK			0	0-1	2	
481	STREPTOCOCCUS PNEUMONIAE			0	0-0	3	
127.2	STRONGYLOIDES	1		0	0-1	4	5
037	TETANUS			0	0-1		1
130.9	TOXOPLASMOSIS			1	0-5		1
124	TRICHINOSIS			0	0-0		
086	TRYPANOSOMA CRUZI			0	0-0		
013	TUBERCULOSIS - NON-RESP.	2		3	0-8	23	19
011	TUBERCULOSIS - RESP.	9	2	7	0-15	76	60
010	TUBERCULOSIS-PRIM.		1	1	0-3	8	14
021.9	TULAREMIA			0	0-1	1	1
002.0	TYPHOID			0	0-0		
081.9	TYPHUS			0	0-0		
B96.8	VANCOMYCIN R. ENTEROCOCCI	5	1		***	41	28
005.4	VIBRIO PARAHAEMOLYTICUS				***		
070.59	VIRAL HEP. OTHER				***		
047.0	VIRAL MENINGITIS-COXSACK			0	0-1	1	10
047.1	VIRAL MENINGITIS-ECHO	6	2	3	0-9	31	10
047.8	VIRAL MENINGITIS-ENTERO		1		***	16	5
054.72	VIRAL MENINGITIS-H SIMP			0	0-1		
047.9	VIRAL MENINGITIS-UNSPEC			0	0-1		
B95.7	VRSA			0	0-0		
062.1	W. EQUINE ENCEPHALITIS			0	0-0		
196	WNV ASYMPTOMATIC INFECTION				***	3	1
198	WNV NEUROLOGICAL SYNDROME				***	10	17
197	WNV NON-NEUROLOGICAL SYND				***	45	33
066.3	WNV UNCLASSIFIED				***		
008.44	YERSINIA ENTEROCOLITICA	2		1	0-3	15	12
		378	415			3167	3713

* 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 2006

ICD9	Disease Name	<1		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 39		40 - 49		50 - 59		60 - 69		70 - 79		80 +		Missing age/gendr	Total
		F	M	F	M	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
320.1	BAC. MENINGITIS - PNEUM																	1											1
116.0	BLASTOMYCOSIS																			1		1				1			3
005.2	C. PERFRINGENS																	1											1
008.43	CAMPYLOBACTER	1		3				1		1		1	2	2	1	3	1	3	1	1	1			1		1			24
558.2	CLOSTRIDIUM DIFFICILE		1							1		1	2	1	3		1		3	1	8	5	6	11	18	10			72
007.8	CRYPTOSPORIDIOSIS												1																1
123.4	DIPHYLLOBOTHRIUM				1															1									2
008.0	E. COLI 0157			4	10	1		1				1		1		1					1					1			22
007.1	GIARDIA LAMBLIA	1		2	2	2	2				1								2	1			1						14
041.59	HAEM. INFLUENZAE (non-B)																									1			1
070.1	HEPATITIS A																				1					1			2
070.51	HEPATITIS C															5	7	3	9	1	12		2			1			40
027.0	LISTERIA MONOCYTOGENES		1																					1					2
084	MALARIA																							1					1
B95.6	MRSA	6	4	4	8	3	9	3	4	9	2	5	9	5	8	9	11	6	8	10	11	4	4	11	4	17	14	1	189
033.0	PERTUSSIS		1																										1
003.0	SALMONELLA	1				1	1	1					3	1			1	1											10
038.2	STREP.PNEUMOCOCCAL SEPTIC							1		1						4	2	2		4			1		2	1			18
038.0	STREPTOCOCCAL SEPTICEMIA																	1											1
011	TUBERCULOSIS - RESP.							1								1													2
010	TUBERCULOSIS-PRIM.				1																								1
B96.8	VANCOMYCIN RES. ENTER.																									1			1
047.1	VIRAL MENINGITIS-ECHO		1													1													2
047.8	VIRAL MENINGITIS-ENTERO							1																					1
196	WNV Asymptomatic Infectio											1																	1

ICD9	Disease Name	<1		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 39		40 - 49		50 - 59		60 - 69		70 - 79		80 +		Missing age/gendr	Total
		F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M		
198	WNV Neurological Syndrome													1		1		3	3	1	3	1		1	2		1		17
197	WNV Non-Neurological Synd												2			1	2	4	6	2	8		4	1	1	1	1		33
		9	8	13	22	7	13	8	5	9	5	8	16	13	11	23	30	23	34	20	43	16	16	21	21	40	32		467

SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR October 2006

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	4																					4
320.1	BAC. MENINGITIS - PNEUM	1																					1
116.0	BLASTOMYCOSIS	2			1																		3
005.2	C. PERFRINGENS	1																					1
008.43	CAMPYLOBACTER	8	1		1		2		3		2		3				1	2	1				24
558.2	CLOSTRIDIUM DIFFICILE	45	1	1	2		3		1		9		5		2		1		2				72
007.8	CRYPTOSPORIDIOSIS												1										1
123.4	DIPHYLLOBOTHRIUM	1																	1				2
008.0	E. COLI 0157	19	1						1						1								22
007.1	GIARDIA LAMBLIA	9					2				1				1		1						14
041.59	HAEM. INFLUENZAE (non-B)										1												1
070.1	HEPATITIS A	1					1																2
070.51	HEPATITIS C	27	1	1	2			2	1		3		1					1	1				40
027.0	LISTERIA MONOCYTOGENES	2																					2
084	MALARIA														1								1
B95.6	MRSA	61	3	2	1		4	2	3		2		8		3	9	13	60	10		8		189
033.0	PERTUSSIS	1																					1
003.0	SALMONELLA	5							2		1							1	1				10
038.2	STREP.PNEUMOCOCCAL SEPTIC	7					2				1	1			2		1	3	1				18
038.0	STREPTOCOCCAL SEPTICEMIA	1																					1
011	TUBERCULOSIS - RESP.																	2					2
010	TUBERCULOSIS-PRIM.																	1					1
B96.8	VANCOMYCIN RES. ENTER.								1														1
047.1	VIRAL MENINGITIS-ECHO						1											1					2
047.8	VIRAL MENINGITIS-ENTERO												1										1
196	WNV Asymptomatic Infectio								1														1
198	WNV Neurological Syndrome	7			1		2		5		2												17
197	WNV Non-Neurological Synd	10			1		1		5		9		6						1				33

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

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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				
		212	7	4	9		18	4	23	1	31		25		10	9	17	71	18			8	467
Missing Investigation Forms (Jan.1 to end of September)		143	6	1			15	3	1	1	4		8		1		1	2	2	1	1	5	195

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

STD Infection Summary Report October 2006

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2005	2006	2005	2006
All Chlamydia Infections	336	424	3280	3570
All Gonorrhea Infections (including PRNG)	134	120	903	1343
All Syphilis Infections	13	8	76	50
Gonorrhea & Chlamydia Co-infections	41	47	378	427
Penicillin Resistant Gonorrhea Infections (PRNG)				
Suspect PRNG				
HIV	6	7	93	73

Total Number of STD Cases by Age and Gender - October 2006

Disease Name	<1		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 39		40 - 49		50 - 59		60 - 69		70 - 79		80 +		Missing age/gendr	Total
	F	M	F	M	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		8		99	37	70	44	29	29	21	22	5	9	1	2								377
Gonorrhea Only Cases									13	5	7	9	6	8	8	8	1	3	1	2		2						73
Syphilis Only Cases													1	2	1	2		2										8
GC and CT Cases									8	3	8	8	7	3	2	5		1		1		1						47
					1		8		120	45	85	61	43	42	32	37	6	15	2	5		3						505
HIV												1		1	2	2				1								7

Regional STD Distribution - October 2006

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	219	14	3	9		8	9	11		31		9	2	10	3	21	48	23	2	2		424
All Gonorrhea Infections	70	3	6	1			2	2	1	5			1	2	1	2	20	3			1	120
All Syphilis Infections	7													1								8
GC and CT Infections	23	1	2				2	1		4				2		1	10	1				47

Missing Investigation Forms (Jan.1 to end of September)	43	4		2			3	3		5		4	1	2	23	2	20	7		1	1	121
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* F=Federal Jurisdiction (includes First Nations and Inuit Health Branch and Stony Mountain Penitentiary) P=Provincial Jurisdiction



Health

Healthy Living Division and Health Programs
Public Health Branch
Communicable Disease Control Unit
Fourth Floor, 300 Carlton Street
Winnipeg MB R3B 3M9
CANADA
Telephone: (204) 788-6786
Fax: (204) 948-2040

Santé

Division de la vie saine et des programmes de santé
Direction de la santé publique
Prévention des maladies transmissibles
300, rue Carlton, 4^e étage
Winnipeg MB R3B 3M9
CANADA
Téléphone: (204) 788-6786
Télécopieur: (204) 948-2040

Dear Colleague,

Please find attached the Summary of Communicable Diseases for the Month of November 2006. This report reflects the number of cases of reportable communicable diseases for which individuals in Manitoba tested positive* during the month of November 2006.

Communicable Diseases

In total, there were **338** new infections occurring across 20 communicable diseases** (excluding sexually transmitted infections and HIV) in November 2006. The observed number of cases were within the expected range for most of the reported communicable diseases with the exception of Methicillin Resistant Staphylococcus Aureus (166 cases observed; expected range 0-150 cases). The expected number of cases and accompanying range is based on the number of cases during October, November and December 2001-2005.

Sexually Transmitted Infections & Blood-Borne Pathogens

There were **465** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) in November: 334 cases of chlamydia (Ct), 86 cases of gonorrhoea (GC), 40 GC-Ct co-infections, and 5 cases of syphilis. About half of all GC and Ct cases in the province were reported among females age 15-24 years. Around half of all GC and Ct cases (48%) were reported for individuals living in the Winnipeg health region, and an additional 20% were from the Burntwood health region.

In November, 30 individuals tested positive for hepatitis C, most of who were reported from the Winnipeg health region. One thirds of the cases were among males in the 40-49 year age groups. Five Manitobans, mostly males, tested positive for HIV in November 2006.

*Note: Data for the monthly summary are aggregated based on the earliest of: symptom onset date, 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:

ascariasis (ICD9: 127.0)
clostridium difficile (ICD9: 558.2)
leishmaniasis – unspecified (ICD9: 085.9)
methicillin or vancomycin resistant staphylococcus aureus (MRSA/VRSA)
penicillin-resistant streptococcus pneumoniae (ICD9: 481.9)
schistosomiasis (ICD9: 120)
streptococcus pneumoniae – other site (ICD9: 041.2)
strongyloides (ICD9: 127.2)
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. Suresh Khatkar
Epidemiologist, Communicable Diseases

SUMMARY OF COMMUNICABLE DISEASE FOR November 2006

ICD9	DISEASE/INFECTION	MONTHLY TOTAL				YEAR-TO-DATE	
		2005	2006	Expected*	Ex. Range**	2005	2006
006.9	AMEBIASIS	3	1	2	0-5	30	33
022	ANTHRAX				***		1
127.0	ASCARIASIS			0	0-2		
005.8	B. CEREUS	1		0	0-1	2	
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	2	3
320.3	BAC. MENINGITIS - STAPH			0	0-0		
320.2	BAC. MENINGITIS - STREP			0	0-1		
320.7	BAC.MENINGITIS-LISTERIA				***		
116.0	BLASTOMYCOSIS		2		***		5
005.1	BOTULISM				***		
023	BRUCELLOSIS			0	0-0		
005.2	C. PERFRINGENS		1	10	0-71	3	7
008.43	CAMPYLOBACTER	15	16	15	2-28	260	216
558.2	CLOSTRIDIUM DIFFICILE	102	84		***	849	1030
046.1	CREUTZFELD-JACOB DISEASE				***		1
007.8	CRYPTOSPORIDIOSIS	2	2	2	0-5	20	28
061.0	DENGUE FEVER			0	0-0		2
065.4	DENGUE HEMORRHAGIC FEVER			0	0-0		
V02.4	DIPH.CARRIERS			0	0-1		
032	DIPHThERIA CASES			0	0-0		
123.4	DIPHYLLOBOTHRIUM SPP	1	1	0	0-1	3	7
008.0	E. COLI-VEROTOXIGENIC	2	3	2	0-6	37	156
054.3	ENCEPHALITIS			0	0-1		1
005.9	FOOD POISONING OTHER			0	0-1		1
007.1	GIARDIA LAMBLIA	10	7	11	3-19	113	122
041.5	H.I.B.-NON MTGS			0	0-1	3	1
041.59	HAEM. INFLUENZAE (non-B)				***		1
480.8	HANTA VIRUS			0	0-0		
283.11	HEMOLYTIC UREMIC SYNDROME			0	0-1	1	
070.1	HEPATITIS A		2	1	0-4	16	14
070.3	HEPATITIS B			0	0-1	6	6
070.51	HEPATITIS C	38	30	40	23-57	386	304
054.8	HERPES-W-UNSPEC COMPL			0	0-0		5
487.1A	INFLUENZA A				***		
487.1B	INFLUENZA B				***		
A83.0	JAPANESE ENCEPHALITIS				***		
482.83	LEGIONELLA			0	0-1	3	2
085.9	LEISHMANIASIS			0	0-0		
030.9	LEPROSY			0	0-0		2
027.0	LISTERIA MONOCYTOGENES	1		0	0-1	5	6
088.81	LYME DISEASE			0	0-0	6	2
084	MALARIA			1	0-3	10	17
055.9	MEASLES			0	0-0		
036.0	MENINGOCOCCAL CSF			0	0-1	3	1
036.82	MENINGOCOCCAL ARTHROPATHY				***		
036.2	MENINGOCOCCAL BLOOD			0	0-1	2	
B95.6	MRSA	138	166	62	0-150	1170	1562
072.9	MUMPS	1		0	0-1	9	1
036.89	N.MENINGITIDIS OTHER			0	0-1	1	2
728.86	NECROTIZING FASCIITIS	1	3	1	0-3	8	18
729.1	NECROTIZING MYOSITIS				***		
323.9	OTHER ENCEPHALITIS			0	0-0		
033.1	PARAPERTUSSIS				***	1	

* Mean of 15 month totals, from previous, comparable and subsequent months for the past 5 years

** Mean +/- 2 standard deviations of mean

*** Data collected for less than 5 years.

ICD9	DISEASE/INFECTION	MONTHLY TOTAL				YEAR-TO-DATE	
		2005	2006	Expected*	Ex. Range**	2005	2006
002.9	PARATYPHOID			0	0-0		
027.2	PASTEURELLA MULTOCIDA				***		
033.0	PERTUSSIS	2	1	6	0-15	31	10
038.2	PNEUM. SEPTICEMIA	5	6	7	1-13	71	114
073.9	PSITTACOSIS			0	0-0		
083.0	Q FEVER			0	0-0		
331.81	REYE'S SYNDROME				***		
391	RHEUMATIC FEVER			0	0-1		
056.9	RUBELLA			0	0-0		
771.0	RUBELLA CONGENITAL			0	0-0		
041.2	S.PNEUM.OTHER	1		1	0-3	15	1
003.0	SALMONELLA	8	6	13	2-24	143	133
120	SCHISTOSOMIASIS			0	0-1		1
004	SHIGELLOSIS	1	1	1	0-4	10	11
050.9	SMALLPOX				***		
005.0	STAPHYLOCOCCAL			0	0-0		
785.5	STAPHYLOCOCCUS AUREUS		1		***		1
481.9	STREP PNEUMONIA - PR			0	0-1		
711.0	STREP.PNEUM.ARTHRITIS			0	0-1		1
580.0	STREPT GLOMERULONEPHRITIS			0	0-0		
040.89	STREPT TOXIC SHOCK			0	0-1	2	
481	STREPTOCOCCUS PNEUMONIAE			0	0-0	3	
127.2	STRONGYLOIDES			0	0-1	4	5
037	TETANUS			0	0-0		1
130.9	TOXOPLASMOSIS			1	0-5		1
124	TRICHINOSIS			0	0-1		
086	TRYPANOSOMA CRUZI			0	0-0		
013	TUBERCULOSIS - NON-RESP.	1		2	1-3	24	19
011	TUBERCULOSIS - RESP.	3	3	7	1-13	79	63
010	TUBERCULOSIS-PRIM.			1	0-3	8	14
021.9	TULAREMIA	1		0	0-1	2	1
002.0	TYPHOID			0	0-0		
081.9	TYPHUS			0	0-0		
B96.8	VANCOMYCIN R. ENTEROCOCCI	6	2		***	47	30
005.4	VIBRIO PARAHAEMOLYTICUS				***		
070.59	VIRAL HEP. OTHER				***		
047.0	VIRAL MENINGITIS-COXSACK			0	0-1	1	10
047.1	VIRAL MENINGITIS-ECHO	3		2	0-6	34	10
047.8	VIRAL MENINGITIS-ENTERO				***	16	5
054.72	VIRAL MENINGITIS-H SIMP			0	0-1		
047.9	VIRAL MENINGITIS-UNSPEC			0	0-1		
B95.7	VRSA			0	0-0		
062.1	W. EQUINE ENCEPHALITIS			0	0-0		
196	WNV ASYMPTOMATIC INFECTION				***	3	1
198	WNV NEUROLOGICAL SYNDROME				***	10	17
197	WNV NON-NEUROLOGICAL SYND				***	45	33
066.3	WNV UNCLASSIFIED				***		
008.44	YERSINIA ENTEROCOLITICA			0	0-1	15	12
		346	338			3513	4051

* 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 2006

ICD9	Disease Name	<1		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 39		40 - 49		50 - 59		60 - 69		70 - 79		80 +		Missing age/gendr	Total
		F	M	F	M	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
116.0	BLASTOMYCOSIS															1									1				2
005.2	C. PERFRINGENS					1																							1
008.43	CAMPYLOBACTER				2				1							1	2	2	1	1		2	2	1	1				16
558.2	CLOSTRIDIUM DIFFICILE								1			2	1	2		3	1	2	3	2	6	6	6	6	8	23	12		84
007.8	CRYPTOSPORIDIOSIS			2																									2
123.4	DIPHYLLOBOTHRIUM																	1											1
008.0	E. COLI 0157			1		1													1										3
007.1	GIARDIA LAMBLIA				1		1	1	1				1			1		1											7
070.1	HEPATITIS A																			2									2
070.51	HEPATITIS C												1	3	2	3	1	4	10	3	2				1				30
B95.6	MRSA	5	3	3	9	5	3	9	6	7	2	7	3	5	8	6	11	6	5	2	5	9	4	5	8	17	13		166
728.86	NECROTIZING FASCIITIS													1		1	1												3
033.0	PERTUSSIS								1																				1
003.0	SALMONELLA	1	1		1							1				1	1												6
004	SHIGELLOSIS				1																								1
785.5	STAPHYLOCOCCUS AUREUS																					1							1
038.2	STREP.PNEUMOCOCCAL SEPTIC												1				1	1			1	2							6
011	TUBERCULOSIS - RESP.												1			1			1										3
B96.8	VANCOMYCIN RES. ENTER.																							1			1		2
196	WNV Asymptomatic Infectio										1																		1
198	WNV Neurological Syndrome												1		1		3	3	1	3	1		1	2		1			17
197	WNV Non-Neurological Synd											2			1	2	4	6	2	8		4	1	1	1	1	1		33
		6	4	6	14	7	4	10	10	7	2	11	8	14	10	18	21	22	31	13	26	19	19	15	22	42	28		389

SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR November 2006

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
116.0	BLASTOMYCOSIS	2																					2
005.2	C. PERFRINGENS											1											1
008.43	CAMPYLOBACTER	8				1		1		1		2		1				2					16
558.2	CLOSTRIDIUM DIFFICILE	59				2		2		9		6		3				2			1		84
007.8	CRYPTOSPORIDIOSIS					1				1													2
123.4	DIPHYLLOBOTHRIUM	1																					1
008.0	E. COLI 0157	3																					3
007.1	GIARDIA LAMBLIA	4	1					1				1											7
070.1	HEPATITIS A							1		1													2
070.51	HEPATITIS C	18	1			2		4				1		1		2				1			30
B95.6	MRSA	60	7	2	3	4		4		2		3			2	14	51	11	1		2		166
728.86	NECROTIZING FASCIITIS	2														1							3
033.0	PERTUSSIS									1													1
003.0	SALMONELLA	4				1												1					6
004	SHIGELLOSIS					1																	1
785.5	STAPHYLOCOCCUS AUREUS		1																				1
038.2	STREP.PNEUMOCOCCAL SE	4						1										1					6
011	TUBERCULOSIS - RESP.																3						3
B96.8	VANCOMYCIN RES. ENTER.	2																					2
196	WNV Asymptomatic Infectio							1															1
198	WNV Neurological Syndrome	7			1	2		5		2													17
197	WNV Non-Neurological Synd	10			1	1		5		9		6						1					33
		185	10	2	5	15		25		26		20		5	2	17	54	18	1	1	3		389
Missing Investigation Forms (Jan.1 to end of October)		189	7	1			21	3	2	1	5		9		1		1	4	3	1	1	6	255

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

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STD Infection Summary Report November 2006

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2005	2006	2005	2006
All Chlamydia Infections	302	374	3582	3944
All Gonorrhea Infections (including PRNG)	130	126	1033	1469
All Syphilis Infections	3	5	79	55
Gonorrhea & Chlamydia Co-infections	42	40	420	467
Penicillin Resistant Gonorrhea Infections (PRNG)	1		1	
Suspect PRNG				
HIV	10	5	103	78

Total Number of STD Cases by Age and Gender - November 2006

Disease Name	<1		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 39		40 - 49		50 - 59		60 - 69		70 - 79		80 +		Missing age/gendr	Total
	F	M	F	M	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						4		91	27	85	43	25	22	12	17	1	3	1	2								334
Gonorrhea Only Cases							3		16	6	8	10	7	10	6	10	3	4		3								86
Syphilis Only Cases													1		1		2								1			5
GC and CT Cases							1		10	2	9	6	4	3	1	2	1									1		40
	1						8		117	35	102	59	36	36	19	30	5	9	1	5					1			465
HIV									1					1		2						1						5

Regional STD Distribution - November 2006

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	161	15	12	6		10	5	22		17		12	3	11	2	15	47	31	1	3	1	374
All Gonorrhea Infections	74		9	1		3	1	2		6		1		2	1	3	21	2				126
All Syphilis Infections	2							1		1										1		5
GC and CT Infections	15		4			2	1	1		3			2		2	9	1					40

Missing Investigation Forms (Jan.1 to end of October)	62	10		2			3	5		6		7	2	2	26	3	24	8		1	1	162
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* 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 2006"** for your review. This report reflects the number of reportable communicable diseases for which individuals in Manitoba tested positive* during the month of December 2006. 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 **352** new infections occurring across 27 communicable diseases** (excluding sexually transmitted infections and HIV) in December 2006. The observed number of cases was within the expected range for most of the reported communicable diseases, with the exception of BAC Meningitis – Haemophilus (observed 1 case; expect 0 cases), Brucellosis (observed 1 case; expect 0 cases), E. coli verotoxigenic (observed 10 cases; expect 0-8 cases), Herpes with unspecified complications (observed 1 case, expect 0 cases), Methicillin Resistant Staphylococcus Aureus (MRSA; 131 cases observed; expected range = 0-98 cases) and Mumps (observed 2 cases; expect 0-1 cases). The expected number of cases and accompanying range is based on the number of reported cases during November and December 2001-2005 and January 2002-2006.

Comparing 2006 year-end totals with those in 2005, the Communicable Disease Control Unit witnessed a 13% increase in the overall number of reportable communicable diseases. 2006 witnessed two main outbreaks, both leading to significant increases in reported cases: a summer outbreak of verotoxin producing E. coli resulted in more than a four-fold increase between 2005 and 2006, and a winter outbreak of Pneumococcal Septicemia saw cases increase by more than 60% from the previous year. Methicillin Resistant Staphylococcus Aureus (MRSA) cases, which make up about one-third of non-STI/HIV related reportable diseases also rose by 29% between 2005 and 2006. Other diseases showing increases from 2005 to 2006 include Necrotising Fasciitis (more than doubled), Malaria (70%), and Giardia lamblia (14%). Decreases between 2005 and 2006 were also observed. Most notably, cases of Pertussis and Vancomycin Resistant Enterococci each dropped by about one-third in 2006. Other decreases from 2005 include Viral

Meningitis – Entero (a third fewer cases), Viral Meningitis – Echo Virus (a third fewer cases), Tuberculosis (18% decrease), and West Nile Virus (12% drop).

Sexually Transmitted Infections & Blood-Borne Pathogens

There were **370** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) in December: 259 cases of chlamydia (Ct), 75 cases of gonorrhoea (GC), 31 GC-Ct co-infections, and 5 cases of syphilis. About 63% of all GC and Ct cases in the province were reported in youth between the ages of 15 and 24 years. More than half of GC and Ct cases in December were reported for individuals from the Winnipeg health region, and an additional 19% were from the Burntwood health region. All, but one, cases of Syphilis were reported from Winnipeg health region. The total number of chlamydia infections for 2006 was 4233; reflecting a 9% increase from 2005. Gonorrhoea cases however rose by 35% in 2006 compared to 2005, reflecting 405 additional infections (1575 cases in 2006; 1171 cases in 2005).

In December **21** individuals tested positive for hepatitis C (HCV), about half of which were reported from the Winnipeg region. Two-thirds of new HCV cases in December were accounted for by individuals in the 30-49 year age group. The number of Manitobans who tested positive for hepatitis C in 2006 compared to 2005 decreased by 23% (325 cases compared to 421 in 2005). Seven new cases of HIV were reported in December, bringing the year-to-date total to 83 new cases. After a couple of years of steadily increasing rates, the number of newly reported HIV infections observed a 28% decrease in 2006 from 2005.

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 2006, 144 outbreaks were reported to the Communicable Disease Control Unit; 98 of which occurred among residents of a personal care home. About 70% of the reported outbreaks were for gastrointestinal symptoms, while one quarter of the reported outbreaks (24%) were for respiratory symptoms.

An infectious agent was confirmed in a little less than half of all outbreaks (45%) in 2006. Of the 144 reported outbreaks:

- 25% were lab confirmed as Small Round Enteric Virus
- 7% Influenza A
- 5% Scabies
- 2% each Clostridium Difficile and verotoxin producing E. coli

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

Cheers,

Dr. Suresh Khatkar
Epidemiologist, Communicable Diseases

*Note: Data for the monthly summary are aggregated based on the earliest of: symptom onset date, 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:

ascariasis (ICD9: 127.0)

blastomycosis (ICD9: 116.0)

clostridium difficile (ICD9: 558.2)

haemophilus influenzae, non-B (ICD9: 041.59)

influenza A (ICD9: 487.1A)

influenza B (ICD9: 487.1B)

leishmaniasis – unspecified (ICD9: 085.9)

methicillin or vancomycin resistant staphylococcus aureus (MRSA/VRSA)

penicillin-resistant streptococcus pneumoniae (ICD9: 481.9)

schistosomiasis (ICD9: 120)

streptococcus pneumoniae – other site (ICD9: 041.2)

strongyloides (ICD9: 127.2)

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

vancomycin resistant enterococci (VRE)

SUMMARY OF COMMUNICABLE DISEASE FOR December 2006

ICD9	DISEASE/INFECTION	MONTHLY TOTAL				YEAR-TO-DATE	
		2005	2006	Expected*	Ex. Range**	2005	2006
006.9	AMEBIASIS	6	2	3	0-6	37	34
022	ANTHRAX				***		1
127.0	ASCARIASIS			0	0-2		
005.8	B. CEREUS			0	0-1	2	
320.82	BAC. MENINGITIS - E.COL			0	0-0		
320.0	BAC. MENINGITIS - HAEM		1	0	0-0		1
320.9	BAC. MENINGITIS - OTHER			0	0-1	1	
320.1	BAC. MENINGITIS - PNEUM		2	1	0-4	2	5
320.3	BAC. MENINGITIS - STAPH			0	0-1		
320.2	BAC. MENINGITIS - STREP			0	0-1		
320.7	BAC.MENINGITIS-LISTERIA				***		
116.0	BLASTOMYCOSIS		3		***		8
005.1	BOTULISM				***		
023	BRUCELLOSIS		1	0	0-0		1
005.2	C. PERFRINGENS			10	0-71	3	7
008.43	CAMPYLOBACTER	15	14	12	2-22	275	231
558.2	CLOSTRIDIUM DIFFICILE	116	117		***	965	1149
046.1	CREUTZFELD-JACOB DISEASE	1			***	1	1
007.8	CRYPTOSPORIDIOSIS			1	0-3	21	28
061.0	DENGUE FEVER			0	0-0		2
065.4	DENGUE HEMORRHAGIC FEVER			0	0-0		
V02.4	DIPH.CARRIERS			0	0-1		
032	DIPHThERIA CASES			0	0-0		
123.4	DIPHYLLOBOTHRIUM SPP			1	0-2	3	7
008.0	E. COLI-VEROTOXIGENIC	1	10	3	0-8	38	166
054.3	ENCEPHALITIS	1		0	0-1	1	1
005.9	FOOD POISONING OTHER		1	0	0-1		2
007.1	GIARDIA LAMBLIA	4	11	11	2-20	117	133
041.5	H.I.B.-NON MTGS	1		0	0-1	4	1
041.59	HAEM. INFLUENZAE (non-B)				***		1
480.8	HANTA VIRUS			0	0-0		
283.11	HEMOLYTIC UREMIC SYNDROME			0	0-0	1	
070.1	HEPATITIS A			1	0-4	16	14
070.3	HEPATITIS B		1	0	0-1	6	7
070.51	HEPATITIS C	35	21	42	20-64	421	325
054.8	HERPES-W-UNSPEC COMPL		1	0	0-0		6
487.1A	INFLUENZA A		1		***		1
487.1B	INFLUENZA B				***		
A83.0	JAPANESE ENCEPHALITIS				***		
482.83	LEGIONELLA	1		0	0-1	4	2
085.9	LEISHMANIASIS			0	0-0		
030.9	LEPROSY			0	0-0		2
027.0	LISTERIA MONOCYTOGENES			0	0-1	5	6
088.81	LYME DISEASE			0	0-0	6	2
084	MALARIA			0	0-2	10	17
055.9	MEASLES			0	0-1		
036.0	MENINGOCOCCAL CSF			0	0-2	3	1
036.82	MENINGOCOCCAL ARTHROPATH				***		
036.2	MENINGOCOCCAL BLOOD	1		0	0-1	3	
B95.6	MRSA	142	131	40	0-98	1312	1695
072.9	MUMPS	1	2	0	0-1	10	3
036.89	N.MENINGITIDIS OTHER		1	0	0-1	1	3
728.86	NECROTIZING FASCIITIS		3	1	0-3	8	21
729.1	NECROTIZING MYOSITIS				***		
323.9	OTHER ENCEPHALITIS			0	0-1		
033.1	PARAPERTUSSIS				***	1	

* Mean of 15 month totals, from previous, comparable and subsequent months for the past 5 years

** Mean +/- 2 standard deviations of mean

*** Data collected for less than 5 years.

ICD9	DISEASE/INFECTION	MONTHLY TOTAL				YEAR-TO-DATE	
		2005	2006	Expected*	Ex. Range**	2005	2006
002.9	PARATYPHOID			0	0-0		
027.2	PASTEURELLA MULTOCIDA				***		
033.0	PERTUSSIS	3		6	0-15	34	10
038.2	PNEUM. SEPTICEMIA	6	10	7	2-12	77	124
073.9	PSITTACOSIS			0	0-0		
083.0	Q FEVER			0	0-0		
331.81	REYE'S SYNDROME				***		
391	RHEUMATIC FEVER			0	0-0		
056.9	RUBELLA			0	0-0		
771.0	RUBELLA CONGENITAL			0	0-0		
041.2	S.PNEUM.OTHER	2		0	0-1	17	1
003.0	SALMONELLA	23	8	12	2-22	166	142
120	SCHISTOSOMIASIS		1	0	0-1		2
004	SHIGELLOSIS			1	0-4	10	11
050.9	SMALLPOX				***		
005.0	STAPHYLOCOCCAL			0	0-1		
785.5	STAPHYLOCOCCUS AUREUS		2		***		3
481.9	STREP PNEUMONIA - PR			0	0-1		
711.0	STREP.PNEUM.ARTHRITIS			0	0-1		1
580.0	STREPT GLOMERULONEPHRITIS			0	0-0		
040.89	STREPT TOXIC SHOCK			0	0-1	2	
481	STREPTOCOCCUS PNEUMONIAE			0	0-1	3	
127.2	STRONGYLOIDES	1		0	0-1	5	5
037	TETANUS			0	0-0		1
130.9	TOXOPLASMOSIS			2	0-7		1
124	TRICHINOSIS			0	0-1		
086	TRYPANOSOMA CRUZI			0	0-0		
013	TUBERCULOSIS - NON-RESP.	2	1	2	0-4	26	20
011	TUBERCULOSIS - RESP.	10	3	7	1-13	89	67
010	TUBERCULOSIS-PRIM.	2	1	1	0-3	10	15
021.9	TULAREMIA			0	0-1	2	1
002.0	TYPHOID			0	0-0		
081.9	TYPHUS			0	0-0		
B96.8	VANCOMYCIN R. ENTEROCOCCI	2	2		***	49	32
005.4	VIBRIO PARAHAEMOLYTICUS				***		
070.59	VIRAL HEP. OTHER				***		
047.0	VIRAL MENINGITIS-COXSACK		1	0	0-1	1	11
047.1	VIRAL MENINGITIS-ECHO	1		0	0-1	35	10
047.8	VIRAL MENINGITIS-ENTERO				***	16	5
054.72	VIRAL MENINGITIS-H SIMP			0	0-1		
047.9	VIRAL MENINGITIS-UNSPEC			0	0-1		
B95.7	VRSA			0	0-0		
062.1	W. EQUINE ENCEPHALITIS			0	0-0		
196	WNV ASYMPTOMATIC INFECTION				***	3	1
198	WNV NEUROLOGICAL SYNDROME				***	10	17
197	WNV NON-NEUROLOGICAL SYND				***	45	33
066.3	WNV UNCLASSIFIED				***		
008.44	YERSINIA ENTEROCOLITICA			0	0-1	15	12
		377	352			3892	4409

* 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 2006

ICD9	Disease Name	<1		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 39		40 - 49		50 - 59		60 - 69		70 - 79		80 +		Missing age/gendr	Total
		F	M	F	M	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
320.0	BAC. MENINGITIS - HAEM B	1																											1
320.1	BAC. MENINGITIS - PNEUM															1					1								2
116.0	BLASTOMYCOSIS															2	1												3
023	BRUCELLOSIS															1													1
008.43	CAMPYLOBACTER			1	2	1						1	1		1	2		1		2	1						1		14
558.2	CLOSTRIDIUM DIFFICILE			2		2		1		1	1	1	5		6	1	5	3	2	6	10	8	7	11	31	14			117
008.0	E.COLI 0157				2											1	2			1	1	1	1			1			10
005.9	FOOD POISONING OTHER																				1								1
007.1	GIARDIA LAMBLIA	1		2						1	1					1				2				1	1		1		11
070.3	HEPATITIS B															1													1
070.51	HEPATITIS C										1	1	1	3	4	3	4	2	1		1								21
054.8	HERPES-W-UNSPEC COMPL										1																		1
487.1A	INFLUENZA A																			1									1
B95.6	MRSA	1		4	3	3	2	2	3	3	1	7	6	2	3	6	7	6	6	7	12	6	7	2	5	16	9	2	131
072.9	MUMPS					1																1							2
728.86	NECROTIZING FASCIITIS																1							2					3
036.89	NEISSERIA MGTS(other)																1												1
003.0	SALMONELLA				2											1	1	1		1	1					1			8
120	SCHISTOSOMIASIS							1																					1
785.5	STAPHYLOCOCCUS AUREUS																						1	1					2
038.2	STREP.PNEUMOCOCCAL SEPTIC		1	1				1										1		1	1			2	2				10
038.0	STREPTOCOCCAL SEPTICEMIA	1								1																			2
013	TUBERCULOSIS - NON-RESP.																		1										1
011	TUBERCULOSIS - RESP.																	1		1		1							3
010	TUBERCULOSIS-PRIM.					1																							1

ICD9	Disease Name	<1		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 39		40 - 49		50 - 59		60 - 69		70 - 79		80 +		Missing age/gendr	Total
		F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M		
B96.8	VANCOMYCIN RES. ENTER.																	1					1						2
047.0	VIRAL MENINGITIS-COXSACK													1															1
196	WNV Asymptomatic Infectio											1																	1
198	WNV Neurological Syndrome													1		1		3	3	1	3	1		1	2		1		17
197	WNV Non-Neurological Synd												2			1	2	4	6	2	8		4	1	1	1	1		33
		4	1	10	9	6	4	4	4	4	3	12	11	10	6	21	21	29	24	22	35	20	25	13	25	52	27		405

SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR December 2006

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
320.0	BAC. MENINGITIS - HAEM B																	1					1
320.1	BAC. MENINGITIS - PNEUM	1			1																		2
116.0	BLASTOMYCOSIS	2							1														3
023	BRUCELLOSIS	1																					1
008.43	CAMPYLOBACTER	4	1							2		5		2									14
558.2	CLOSTRIDIUM DIFFICILE	67	7		1		3		6	8		8		9		1	3	4					117
008.0	E.COLI 0157	7							1	2													10
005.9	FOOD POISONING OTHER								1														1
007.1	GIARDIA LAMBLIA	4	2				2			2							1						11
070.3	HEPATITIS B	1																					1
070.51	HEPATITIS C	10	1		2				2	2		1		1							2		21
054.8	HERPES-W-UNSPEC COMPL	1																					1
487.1A	INFLUENZA A						1																1
B95.6	MRSA	45	8	4	1		1		3			6			2	9	33	18			1		131
072.9	MUMPS	2																					2
728.86	NECROTIZING FASCIITIS																3						3
036.89	NEISSERIA MGTS(Other)													1									1
003.0	SALMONELLA	2					3		2			1											8
120	SCHISTOSOMIASIS	1																					1
785.5	STAPHYLOCOCCUS AUREUS	1										1											2
038.2	STREP.PNEUMOCOCCAL SEPTIC	3								1		1				2	2				1		10
038.0	STREPTOCOCCAL SEPTICEMIA	1															1						2
013	TUBERCULOSIS - NON-RESP.	1																					1
011	TUBERCULOSIS - RESP.	1																2					3
010	TUBERCULOSIS-PRIM.																1						1
B96.8	VANCOMYCIN RES. ENTER.	1							1														2
047.0	VIRAL MENINGITIS-COXSACK	1																					1
196	WNV Asymptomatic Infectio								1														1
198	WNV Neurological Syndrome	7			1		2		5		2												17

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

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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				
197	WNV Non-Neurological Synd	10			1		1		5		9		6						1				33
		176	19	4	7		13		28		28		29		13	2	12	47	23		2	2	405
Missing Investigation Forms (Jan.1 to end of November)		195	11	1			24	3	4	1	5		9		2		1	4	4	1	1	5	271

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

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STD Infection Summary Report - December 2006

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2005	2006	2005	2006
All Chlamydia Infections	288	290	3870	4233
All Gonorrhea Infections (including PRNG)	137	106	1170	1575
All Syphilis Infections	5	5	84	60
Gonorrhea & Chlamydia Co-infections	38	31	458	498
Penicillin Resistant Gonorrhea Infections (PRNG)			1	
Suspect PRNG				
HIV	13	7	116	83

Total Number of STD Cases by Age and Gender - December 2006

Disease Name	<1		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 39		40 - 49		50 - 59		60 - 69		70 - 79		80 +		Missing age/gendr	Total
	F	M	F	M	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						4	1	62	24	57	28	19	17	13	23	1	4	1	4								259
Gonorrhea Only Cases									5	7	12	14	8	9	3	7	1	6		2		1						75
Syphilis Only Cases													1	1				1	1	1								5
GC and CT Cases									6	4	6	3	1	5	1	1		4										31
	1						4	1	73	35	75	45	29	32	17	31	2	15	2	7		1						370
HIV													1		2	3				1								7

Regional STD Distribution - December 2006

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	137	16	9			5	3	6		18		8	2	13	4	15	35	17		2		290
All Gonorrhea Infections	58	1	4	3		1		1		7			1	2		3	18	7				106
All Syphilis Infections	4									1												5
GC and CT Infections	13		4							2				1		2	7	2				31

Missing Investigation Forms (Jan.1 to end of November)	88	9	6	3			4	5		6		10	2	3	26	2	24	14		1	1	204
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* F=Federal Jurisdiction (includes First Nations and Inuit Health Branch and Stony Mountain Penitentiary) P=Provincial Jurisdiction