



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 January 2005**. This report reflects the number of cases of reportable communicable diseases for which individuals in Manitoba tested positive* during the month of January 2005.

Communicable Diseases

In total, there were **190** new infections occurring across 16 communicable diseases** (excluding sexually transmitted infections and HIV) in January 2005. The observed number of cases was within the expected range for most of the reported communicable diseases with the exception of Meningococemia (2 cases observed; expected range = 0 - 1 case). The expected number of cases and accompanying range is based on the number of cases during December 1999-2003, January and February 2000-2004.

Sexually Transmitted Infections & Blood-Borne Pathogens

There were **356** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) in January: 286 cases of chlamydia (Ct), 38 cases of gonorrhoea (Gc), 29 Gc-Ct co-infections, and 3 cases of syphilis. About 44% of all Gc and Ct cases in the province were reported in females between the ages of 15 and 24 years. Half (51%) of all Gc and Ct cases were reported for individuals living in the Winnipeg health region, and an additional 19.8% were from the Burntwood health region.

In January **41** individuals tested positive for hepatitis C, 56% of which were reported from the Winnipeg region; an additional 17% of cases were from the Interlake health region. About 60% of new hepatitis C cases reported in January were reported among individuals between the ages of 30 and 49 years; cases were distributed about equally for males and females. Additionally, eight individuals tested positive for HIV in January.

*Note: Data for the monthly summary is 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:

strongyloides (ICD9: 127.2)

ascariasis (ICD9: 127.0)

schistosomiasis (ICD9: 120)

leishmaniasis – unspecified (ICD9: 085.9)

penicillin-resistant streptococcus pneumoniae (ICD9: 481.9)

methicillin or vancomycin resistant staphylococcus aureus (MRSA/VRSA)

streptococcus pneumoniae – other site (ICD9: 041.2)

toxoplasmosis (ICD9: 130.9)

vancomycin resistant enterococci (VRE)

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

Cheers,

Dr. Carole Beaudoin
Epidemiologist, Communicable Diseases

SUMMARY OF COMMUNICABLE DISEASE FOR January 2005

ICD9	DISEASE/INFECTION	MONTHLY TOTAL				YEAR-TO-DATE	
		2004	2005	Expected*	Ex. Range**	2004	2005
006.9	AMEBIASIS	2		3	0-6	2	
127.0	ASCARIASIS			0	0-0		
005.8	B. CEREUS				***		
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	1	1	1	0-4	1	1
320.3	BAC. MENINGITIS - STAPH	1		0	0-1	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
008.43	CAMPYLOBACTER	9	13	11	2-20	9	13
046.1	CREUTZFELD-JACOB DISEASE				***		
007.8	CRYPTOSPORIDIOSIS	2			***	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				***		
008.0	E. COLI-VEROTOXIGENIC	2	4	2	0-6	2	4
054.3	ENCEPHALITIS			0	0-1		
005.9	FOOD POISONING OTHER				***		
007.1	GIARDIA LAMBLIA	14	9		***	14	9
041.5	H.I.B.-NON MTGS			0	0-1		
480.8	HANTA VIRUS				***		
283.11	HEMOLYTIC UREMIC SYNDROME				***		
070.1	HEPATITIS A	3		1	0-3	3	
070.3	HEPATITIS B			0	0-1		
070.51	HEPATITIS C	40	41		***	40	41
054.8	HERPES-W/UNSPEC.COMPI			0	0-0		
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	1		0	0-1	1	
088.81	LYME DISEASE				***		
084	MALARIA			1	0-3		
055.9	MEASLES			0	0-1		
036.0	MENINGOCOCCAL CSF			0	0-2		
036.82	MENINGOCOCCAL ARTHROPATH				***		
036.2	MENINGOCOCCEMIA BLOOD		2	0	0-1		2
B95.6	MRSA/RSa	86	74		***	86	74
072.9	MUMPS	1		0	0-1	1	
036.89	N.MENINGITIDIS.OTHER	1		0	0-1	1	
728.86	NECROTIZING FASCIITIS	1			***	1	
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	7	6		***	7	6
038.2	PNEUM SEPTICEMIA	4	9		***	4	9
073.9	PSITTACOSIS			0	0-0		
083.0	Q FEVER						
331.81	REYE'S SYNDROME				***		

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

** Mean +/- 2 standard deviations of mean

*** Data collected for less than 5 years.

ICD9	DISEASE/INFECTION	MONTHLY TOTAL				YEAR-TO-DATE	
		2004	2005	Expected*	Ex. Range**	2004	2005
391	RHEUMATIC FEVER				***		
056.9	RUBELLA				***		
771.0	RUBELLA CONGENITAL			0	0-0		
041.2	S.PNEUMOTHER	2			***	2	
003.0	SALMONELLA	12	11	13	2-24	12	11
120	SCHISTOSOMIASIS			0	0-1		
004	SHIGELLOSIS	3	2	2	0-5	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				***		
580.0	STREPT GLOMERULONEPHRITIS				***		
040.89	STREPT TOXIC SHOCK				***		
481	STREPTOCOCCUS PNEUMONIAE				***		
127.2	STRONGYLOIDES			0	0-0		
037	TETANUS			0	0-0		
130.9	TOXOPLASMOSIS				***		
124	TRICHINOSIS			0	0-1		
086	TRYPANOSOMA CRUZI				***		
013	TUBERCULOSIS - NON-RESP.		2	2	0-4		2
011	TUBERCULOSIS - RESP.	3	8	6	2-10	3	8
010	TUBERCULOSIS-PRIM.			1	0-4		
021.9	TULAREMIA			0	0-1		
002.0	TYPHOID			0	0-0		
081.9	TYPHUS			0	0-0		
B96.8	VANCOMYCIN R. ENTEROCOCCI	12	6		***	12	6
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.				***		
047.9	VIRAL MENINGITIS-UNSPEC			0	0-1		
062.1	W. EQUINE ENCEPHALITIS			0	0-0		
066.3	WEST NILE VIRUS				***		
008.44	YERSINIA ENTEROCOLITICA				***		
		207	190			207	190

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

** Mean +/- 2 standard deviations of mean

*** Data collected for less than 5 years.

SUMMARY OF COMMUNICABLE DISEASE BY AGE AND GENDER FOR January 2005

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		
320.1	BAC. MENINGITIS - PNEUM																				1				1
005.2	C. PERFRINGENS																	1							1
008.43	CAMPYLOBACTER		1	1	1		1		1	1		2						3		1		1			13
008.0	E. COLI 0157						1						1	1						1					4
007.1	GIARDIA LAMBLIA			1	2				1			1				1						1	2		9
070.51	HEPATITIS C									1	2		3		7	8	5	5	1	3	1	4	1		41
482.83	LEGIONELLA																			1					1
036.2	MENINGOCOCCEMIA(MGCCEMI A																			1		1			2
B95.6	MRSA/VRSA	1	1	2	1	2	1	2	3		1	3	1	1		2	5	3	3	2	5	16	18	1	74
033.0	PERTUSSIS		1		1			2	1							1									6
003.0	SALMONELLA			2	1				1			1		1		1		1				2	1		11
004	SHIGELLOSIS											2													2
038.2	STREP.PNEUMOCOCCAL SEPTIC									1						1	1			3	1	2			9
038.0	STREPTOCOCCAL SEPTICEMIA													1											1
013	TUBERCULOSIS - NON-RESP.															1	1								2
011	TUBERCULOSIS - RESP.											2	1	1				2	1			1			8
B96.8	VANCOMYCIN RES. ENTER.																			1	1	2	2		6
		1	3	6	6	2	3	4	7	2	2	11	4	7	2	13	15	12	13	10	12	26	28		191

SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR January 2005

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								
320.1	BAC. MENINGITIS - PNEUM								1										1				
005.2	C. PERFRINGENS	1																	1				
008.43	CAMPYLOBACTER	4	1		2			2	2			1		1					13				
008.0	E. COLI 0157				1			2				1							4				
007.1	GIARDIA LAMBLIA	2			2			3	2										9				
070.51	HEPATITIS C	23	3		1	4	3	1	1		2				3				41				
482.83	LEGIONELLA											1							1				
036.2	MENINGOCOCCEMIA(MGCCE)	1	1																2				
B95.6	MRSA/VRSA	38			1		4		2			2	6	10	9	2			74				
033.0	PERTUSSIS	4			1			1											6				
003.0	SALMONELLA	5	1		1		1		3										11				
004	SHIGELLOSIS							2											2				
038.2	STREP.PNEUMOCOCCAL	3							1					1	3		1		9				
038.0	STREPTOCOCCAL														1				1				
013	TUBERCULOSIS - NON-	2																	2				
011	TUBERCULOSIS - RESP.	5												3					8				
B96.8	VANCOMYCIN RES. ENTER.	4					1				1								6				
		92	6				9	4	9	2	15		8	1	2	6	12	16	8		1		191
Missing Investigation Forms (01/01/2004 - 12/31/2004)		161	24	2	1	1	4	5	10	5	8	1	15	3	1		5	9	1			1	257

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

Page 3

STD Infection Summary Report - January 2005

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2004	2005	2004	2005
All Chlamydia Infections	361	315	361	315
All Gonorrhea Infections (including PRNG)	96	67	96	67
All Syphilis Infections	5	3	5	3
Gonorrhea & Chlamydia Co-infections	32	29	32	29
Penicillin Resistant Gonorrhea Infections (PRNG)				
Suspect PRNG				
HIV	14	8	14	8

Total Number of STD Cases by Age and Gender - January 2005

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						7		64	22	68	37	29	15	19	17	1	4		2				286
Gonorrhea Only Cases									6	2	6	3	3	3	1	9	1	4						38
Syphilis Only Cases												1				1				1				3
GC and CT Cases							1	1	9	4	3	6	2	2		1								29
	1						8	1	79	28	77	47	34	20	20	28	2	8		3				356
HIV											1	1			2			2		1		1		8

Regional STD Distribution - January 2005

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	10	5	8	1	4		10		17		5	2	12	1	16	41	26		5		315
All Gonorrhea Infections	38	1	1	2				1		4			1	1		1	9	8				67
All Syphilis Infections	3																					3
GC and CT Infections	10	1						1		1			1	1			8	6				29

Missing Investigation Forms (01/01/2004 - 12/31/2004)	49	15	9	17		2		9		4		20		1	1	14	19	8				168
--	----	----	---	----	--	---	--	---	--	---	--	----	--	---	---	----	----	---	--	--	--	-----

* 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 February 2005**. This report reflects the number of cases of reportable communicable diseases for which individuals in Manitoba tested positive* during the month of February 2005.

Communicable Diseases

In total, there were **154** new infections occurring across 17 communicable diseases** (excluding sexually transmitted infections and HIV) in February 2005. The observed number of cases was within the expected range for most of the reported communicable diseases with the exception of Methicillin resistant staphylococcus aureus (MRSA; 72 cases observed; expected range = 0-71 cases). The expected number of cases and accompanying range is based on the number of cases during January, February, and March 2000-2004.

Sexually Transmitted Infections & Blood-Borne Pathogens

There were **368** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) in February: 274 cases of chlamydia (Ct), 39 cases of gonorrhoea (Gc), 44 Gc-Ct co-infections, and 11 cases of syphilis. Almost half (48.2%) of all Gc and Ct cases in the province were reported in females between the ages of 15 and 24 years. Almost half (47.6%) of all Gc and Ct cases were reported for individuals living in the Winnipeg health region, and an additional 20.7% were from the Burntwood health region.

In February **29** individuals tested positive for hepatitis C, 82.8% of which were reported from the Winnipeg region. About 72% of new hepatitis C cases reported in February were reported among individuals between the ages of 30 and 49 years; cases were distributed about equally for males and females. Additionally, nine individuals tested positive for HIV in February.

*Note: Data for the monthly summary is 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)

toxoplasmosis (ICD9: 130.9)

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 February 2005

ICD9	DISEASE/INFECTION	MONTHLY TOTAL				YEAR-TO-DATE	
		2004	2005	Expected*	Ex. Range**	2004	2005
006.9	AMEBIASIS	1	4	3	0-7	3	5
127.0	ASCARIASIS			0	0-0		
005.8	B. CEREUS			0	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	0-1		
320.1	BAC. MENINGITIS - PNEUM			1	0-4	1	1
320.3	BAC. MENINGITIS - STAPH			0	0-1	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			2	0-8		1
008.43	CAMPYLOBACTER	14	13	14	7-21	24	27
558.2	CLOSTRIDIUM DIFFICILE				***		
046.1	CREUTZFELD-JACOB DISEASE				***		
007.8	CRYPTOSPORIDIOSIS	2		2	0-5	4	
065.4	DENGUE FEVER			0	0-1		
V02.4	DIPH.CARRIERS			0	0-0		
032	DIPHTHERIA CASES			0	0-0		
123.4	DIPHYLLOBOOTHRIUM SPP		1	0	0-1		1
008.0	E. COLI-VEROTOXIGENIC	2	1	3	0-8	4	5
054.3	ENCEPHALITIS			0	0-1		
005.9	FOOD POISONING OTHER			0	0-1		
007.1	GIARDIA LAMBLIA	6	4	11	4-18	20	6
041.5	H.I.B.-NON MTGS			0	0-2		
480.8	HANTA VIRUS			0	0-0		
283.11	HEMOLYTIC.UREMIC.SYNDROME			0	0-1		
070.1	HEPATITIS A	1	2	1	0-3	4	3
070.3	HEPATITIS B			1	0-3		
070.51	HEPATITIS C	58	29	46	28-64	98	70
054.8	HERPES-W/UNSPEC COMPL			0	0-0		
A83.0	JAPANESE ENCEPHALITIS				***		
482.83	LEGIONELLA			0	0-1		1
085.9	LEISHMANIASIS			0	0-0		
030.9	LEPROSY	1		0	0-1	1	
027.0	LISTERIA MONOCYTOGENES			0	0-1	1	
088.81	LYME DISEASE			0	0-0		
084	MALARIA	1		1	0-3	1	
055.9	MEASLES	1		0	0-1	1	
036.0	MENINGOCOCCAL CSF		1	1	0-3		1
036.82	MENINGOCOCCAL ARTHROPATH				***		
036.2	MENINGOCOCCEMIA BLOOD			1	0-3		2
B95.6	MRSA/VRSA	42	72	31	0-71	128	147
072.9	MUMPS			0	0-1	1	
036.89	N.MENINGITIDIS.OTHER	1		0	0-1	2	
728.86	NECROTIZING FASCIITIS			0	0-2	1	
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	10	3	3	0-8	17	10
038.2	PNEUM. SEPTICEMIA	2	7	6	0-12	6	15
073.9	PSITTACOSIS			0	0-1		
083.0	Q FEVER			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	
		2004	2005	Expected*	Ex. Range**	2004	2005
331.81	REYF'S SYNDROME				***		
391	RHEUMATIC FEVER			0	0-1		
056.9	RUBELLA			0	0-0		
771.0	RUBELLA CONGENITAL			0	0-0		
041.2	S PNEUMOTHER	1	1	1	0-3	3	1
003.0	SALMONELLA	7	7	15	6-24	19	19
120	SCHISTOSOMIASIS			0	0-0		
004	SHIGELLOSIS	2	1	2	0-5	6	3
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	0-1		
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			2	0-6		
124	TRICHINOSIS			0	0-0		
086	TRYPANOSOMA CRUZI			0	0-1		
013	TUBERCULOSIS - NON-RESP.	2	1	1	0-3	2	3
011	TUBERCULOSIS - RESP.	8	3	6	2-10	11	11
010	TUBERCULOSIS-PRIM.			1	0-4		
021.9	TULAREMIA			0	0-0		
002.0	TYPHOID			0	0-0		
081.9	TYPHUS			0	0-0		
B96.8	VANCOMYCIN R. ENTEROCOCCI	26	4		***	38	10
005.4	VIBRIO PARAHAEEMOLYTICUS				***		
070.59	VIRAL HEP. OTHER				***		
047.0	VIRAL MENINGITIS-COXSACK	1		0	0-1	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.	1		0	0-1	1	
062.1	W. EQUINE ENCEPHALITIS			0	0-0		
066.3	WEST NILE VIRUS			0	0-0		
008.44	YERSINIA ENTEROCOLITICA			1	0-2		1
		190	154			399	343

* 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 2005

ICD9	Disease Name	<1		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 39		40 - 49		50 - 59		60 +		Missing age/gender	Total
		F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M		
006.9	AMEBIASIS					1							1				1				1				4
036.0	BAC.MGTS-NMGTS(MGCCL MGTS																						1		1
008.43	CAMPYLOBACTER										1	2	1	1	1	1		1	2		3				13
123.4	DIPHYLLOBOTHRIUM																				1				1
008.0	E. COLI 0157																	1							1
007.1	GIARDIA LAMBLIA				1																1	2			4
070.1	HEPATITIS A									1							1								2
070.51	HEPATITIS C												1	1		8	4	2	7	2	3			1	29
B95.6	MRSA/VRSA	2		4	1	3	3	2	4	6		1		1	4	1	3	4	3	2	2	12	14		72
033.0	PERTUSSIS					1				1													1		3
003.0	SALMONELLA				1	1			1			1		1		1						1			7
004	SHIGELLOSIS													1											1
041.2	STREP.PNEUM.OTHER																	1							1
038.2	STREP.PNEUMOCOCCAL SEPTIC				1				1										1		2	2			7
013	TUBERCULOSIS - NON-RESP.																		1						1
011	TUBERCULOSIS - RESP.													1				1					1		3
B96.8	VANCOMYCIN RES. ENTER.																				1	2	1		4
		2		4	4	6	3	2	6	8	1	4	3	6	5	11	9	9	15	4	14	19	18		154

SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR February 2005

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	2													2				4			
036.0	BAC.MGTS-NMGTS(MGCCL MOTC	1																	1			
008.43	CAMPYLOBACTER	7	1				1			2		1			1				13			
123.4	DIPHYLLOBOTHRIUM	1																	1			
008.0	E. COLI 0157		1																1			
007.1	GIARDIA LAMBLIA	1						2					1						4			
070.1	HEPATITIS A	1					1												2			
070.51	HEPATITIS C	24					1	1			1				1	1			29			
B95.6	MRSA/VRSA	35	1		1			1		2		3			10	8	9	2	72			
033.0	PERTUSSIS	1					1			1									3			
003.0	SALMONELLA	4	2				1												7			
004	SHIGELLOSIS	1																	1			
041.2	STREP.PNEUM.OTHER	1																	1			
038.2	STREP.PNEUMOCOCCAL SEPTIC	4	1		1					1									7			
013	TUBERCULOSIS - NON- RESP.														1				1			
011	TUBERCULOSIS - RESP.	1													2				3			
B96.8	VANCOMYCIN RES. ENTER.	4																	4			
		88	6		2		2	1	4		6		6		1	10	9	14	5			154
Missing Investigation Forms (02/01/2004 - 01/31/2005)		78	11	2	1	1	3	6	3		4	1	4	2		5	8	2				131

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

Page 3

STD Infection Summary Report - February 2005

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2004	2005	2004	2005
All Chlamydia Infections	348	318	709	634
All Gonorrhea Infections (including PRNG)	84	83	180	150
All Syphilis Infections	4	11	9	14
Gonorrhea & Chlamydia Co-infections	34	44	66	73
Penicillin Resistant Gonorrhea Infections (PRNG)				
Suspect PRNG				
HIV	14	9	28	18

Total Number of STD Cases by Age and Gender - February 2005

Disease Name	<1		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 39		40 - 49		50 - 59		60 +		Missing age/gender	Total
	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M		
Chlamydia Only Cases							6	1	74	25	64	34	22	14	10	19	1	4						274
Gonorrhea Only Cases									11	3	3	2	3	6	3	2	1	5						39
Syphilis Only Cases												1		1		3	1	2	1	1	1			11
GC and CT Cases							2		10	5	10	5	2	3	4	1		1		1				44
							8	1	95	33	77	42	27	24	17	25	3	12	1	2	1			368
HIV											1		2		3		1	2						9

Regional STD Distribution - February 2005

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	151	6	9	7		3	1	15		22		17	1	4	6	10	43	22		1		318
All Gonorrhea Infections	38	1	5	3				1	1	2		2			1	1	15	13				83
All Syphilis Infections	10	1																				11
GC and CT Infections	19		2	1						2					1		12	7				44

Missing Investigation Forms (02/01/2004 - 01/31/2005)	32	14	3	7				6		2		16		1		3	13	5		1		103
--	----	----	---	---	--	--	--	---	--	---	--	----	--	---	--	---	----	---	--	---	--	-----

* 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 2005**. This report reflects the number of cases of reportable communicable diseases for which individuals in Manitoba tested positive* during the month of March 2005.

Communicable Diseases

In total, there were **175** new infections occurring across 21 communicable diseases** (excluding sexually transmitted infections and HIV) in March 2005. The observed number of cases was within the expected range for most of the reported communicable diseases with the exception of the following: Methicillin resistant staphylococcus aureus (MRSA; 78 cases observed; expected range = 3-55 cases); Neisseria meningitidis (eye/pneumonia; 3 cases observed; expected range = 0-1 case); Rubella (1 case observed; expected range = 0 cases); Streptococcal pneumoniae (4 cases observed; expected range = 0-3 cases). The expected number of cases and accompanying range is based on the number of cases during February, March, and April 2000-2004.

Sexually Transmitted Infections & Blood-Borne Pathogens

There were **371** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) in March: 300 cases of chlamydia (Ct), 39 cases of gonorrhoea (Gc), 27 Gc-Ct co-infections, and 5 cases of syphilis. Almost half (48.1%) of all Gc and Ct cases in the province were reported in females between the ages of 15 and 24 years. Almost half (45.6%) of all Gc and Ct cases were reported for individuals living in the Winnipeg health region, and an additional 22.4% were from the Burntwood health region.

In March **38** individuals tested positive for hepatitis C, 76.3% of which were reported from the Winnipeg region; an additional 13.1% of cases were from the Interlake health region. More than 60% of new hepatitis C cases reported in March were among males; mostly in the 30–59 year age group. Additionally, seven individuals tested positive for HIV in March.

*Note: Data for the monthly summary is 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)

toxoplasmosis (ICD9: 130.9)

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 March 2005

ICD9	DISEASE/INFECTION	MONTHLY TOTAL				YEAR-TO-DATE	
		2004	2005	Expected*	Ex. Range**	2004	2005
006.9	AMEBIASIS		2	3	0-7	3	7
127.0	ASCARIASIS			0	0-0		
005.8	B. CEREUS			0	0-2		
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	2		0	0-1	3	1
320.3	BAC. MENINGITIS - STAPH			0	0-1	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	3		2	0-8	3	1
008.43	CAMPYLOBACTER	14	7	15	8-22	38	34
558.2	CLOSTRIDIUM DIFFICILE				***		
046.1	CREUTZFELD-JACOB DISEASE				***		
007.8	CRYPTOSPORIDIOSIS	4		3	0-6	8	
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	1
008.0	E. COLI-VEROTOXIGENIC	3	2	3	0-10	7	7
054.3	ENCEPHALITIS			0	0-1		
005.9	FOOD POISONING OTHER			0	0-1		
007.1	GIARDIA LAMBLIA	10	5	9	2-16	30	11
041.5	H.I.B.-NON MTGS	3		1	0-3	3	
480.8	HANTA VIRUS			0	0-0		
283.11	HEMOLYTIC.UREMIC.SYNDROME			0	0-1		
070.1	HEPATITIS A	2	2	1	0-3	6	5
070.3	HEPATITIS B	1		1	0-3	1	
070.51	HEPATITIS C	44	38	47	30-64	142	108
054.8	HERPES-W/UNSPEC COMPL			0	0-0		
A83.0	JAPANESE ENCEPHALITIS				***		
482.83	LEGIONELLA	1		0	0-1	1	1
085.9	LEISHMANIASIS			0	0-0		
030.9	LEPROSY	1		0	0-1	2	
027.0	LISTERIA MONOCYTOGENES			0	0-1	1	
088.81	LYME DISEASE			0	0-0		
084	MALARIA			1	0-3	1	
055.9	MEASLES			0	0-1	1	
036.0	MENINGOCOCCAL CSF		1	1	0-3		2
036.82	MENINGOCOCCAL ARTHROPATH				***		
036.2	MENINGOCOCCEMIA BLOOD			1	0-3		2
B95.6	MRSA/VRSA	59	78	29	3-55	187	225
072.9	MUMPS		1	0	0-1	1	1
036.89	N.MENINGITIDIS.OTHER		2	0	0-1	2	2
728.86	NECROTIZING FASCIITIS	1		0	0-2	2	
729.1	NECROTIZING MYOSITIS		1		***		1
323.9	OTHER ENCEPHALITIS			0	0-0		
033.1	PARAPERTUSSIS				***		
002.9	PARATYPHOID			0	0-1		
027.2	PASTEURILLA MULTOCIDA				***		
033.0	PERTUSSIS	2	1	3	0-9	19	11
038.2	PNEUM. SEPTICEMIA	4	11	6	0-12	10	26
073.9	PSITTACOSIS			0	0-1		
083.0	Q FEVER			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	
		2004	2005	Expected*	Ex. Range**	2004	2005
331.81	REYF'S SYNDROME				***		
391	RHEUMATIC FEVER			0	0-1		
056.9	RUBELLA		1	0	0-0		1
771.0	RUBELLA CONGENITAL			0	0-0		
041.2	S PNEUMOTHER	4	4	1	0-3	7	5
003.0	SALMONELLA	17	8	15	6-24	36	27
120	SCHISTOSOMIASIS			0	0-0		
004	SHIGELLOSIS	1	2	2	0-4	7	5
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	0-1		
040.89	STREPT. TOXIC SHOCK			0	0-1		
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	0-1		
013	TUBERCULOSIS - NON-RESP.	2	1	2	0-4	4	4
011	TUBERCULOSIS - RESP.	7	3	6	1-11	18	14
010	TUBERCULOSIS-PRIM.	1		1	0-4	1	
021.9	TULAREMIA			0	0-0		
002.0	TYPHOID			0	0-0		
081.9	TYPHUS			0	0-0		
B96.8	VANCOMYCIN R. ENTEROCOCCI	12	4		***	50	14
005.4	VIBRIO PARAHAEEMOLYTICUS				***		
070.59	VIRAL HEP. OTHER				***		
047.0	VIRAL MENINGITIS-COXSACK			0	0-1	1	
047.1	VIRAL MENINGITIS-ECHO			1	0-3		
047.8	VIRAL MENINGITIS-ENTERO				***		
054.72	VIRAL MENINGITIS-H SIMP			0	0-0		
047.9	VIRAL MENINGITIS-UNSPEC.			0	0-1	1	
062.1	W. EQUINE ENCEPHALITIS			0	0-0		
066.3	WEST NILE VIRUS			0	0-0		
008.44	YERSINIA ENTEROCOLITICA	2		1	0-3	2	1
		201	175			600	518

* 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 2005

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																2
036.0	BAC.MGTS-NMGTS(MGCCL MGTS												1												1
008.43	CAMPYLOBACTER			1				1						1					2				2		7
008.0	E. COLI 0157										1							1							2
007.1	GIARDIA LAMBLIA				1						1	1									2				5
070.1	HEPATITIS A													1	1										2
070.51	HEPATITIS C									1		3	2	1	2	3	5	2	5	4	7		2	1	38
B95.6	MRSA/VRSA	1	1		5	2	1	2	1		2		4		1	1	2	6	4	2	4	19	20		78
072.9	MUMPS																		1						1
729.1	NECROTIZING MYOSITIS																					1			1
036.89	NEISSERIA MGTS(Other)				1									1											2
033.0	PERTUSSIS							1																	1
056.9	RUBELLA			1																					1
003.0	SALMONELLA				2								1					1		1		2	1		8
004	SHIGELLOSIS																			2					2
481	STREP. PNEUMONIAE PNEUMON																	1							1
041.2	STREP.PNEUM.OTHER				1																	1	2		4
038.2	STREP.PNEUMOCOCCAL SEPTIC				2									1		1	2	2	1				2		11
038.0	STREPTOCOCCAL SEPTICEMIA																	1							1
013	TUBERCULOSIS - NON-RESP.																1								1
011	TUBERCULOSIS - RESP.																1				1	1			3
B96.8	VANCOMYCIN RES. ENTER.																					4			4
		1	1	2	12	2	1	4	3	1	4	4	8	5	4	5	11	14	13	7	16	28	29		176

SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR March 2005

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
036.0	BAC.MGTS-NMGTS(MGCCL MGTS)								1														1
008.43	CAMPYLOBACTER	3	1										2	1									7
008.0	E. COLI 0157								1		1												2
007.1	GIARDIA LAMBLIA	2									2				1								5
070.1	HEPATITIS A	2																					2
070.51	HEPATITIS C	29						1	4								1		1		1	1	38
B95.6	MRSA/VRSA	39	2		1		3		2		1			6		1	7	2	8	5		1	78
072.9	MUMPS	1																					1
729.1	NECROTIZING MYOSITIS								1														1
036.89	NEISSERIA MGTS(Other)	1															1						2
033.0	PERTUSSIS	1																					1
056.9	RUBELLA				1																		1
003.0	SALMONELLA	4	2								1							1					8
004	SHIGELLOSIS		2																				2
481	STREP. PNEUMONIAE PNEUMON.	1																					1
041.2	STREP.PNEUM.OTHER	2									1						1						4
038.2	STREP.PNEUMOCOCCAL SEPTIC	8	1								1								1				11
038.0	STREPTOCOCCAL SEPTICEMIA										1												1
013	TUBERCULOSIS - NON-RESP.																	1					1
011	TUBERCULOSIS - RESP.	2																1					3
B96.8	VANCOMYCIN RES. ENTER.	4																					4
		101	8		2		3	1	9		8		8	1	2	7	5	11	7		1	2	176
Missing Investigation Forms (Jan.1 to end of February)		29	6				3	2	4		2		2				1	1	2				52

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

Page 3

STD Infection Summary Report - March 2005

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2004	2005	2004	2005
All Chlamydia Infections	382	327	1091	961
All Gonorrhea Infections (including PRNG)	97	66	277	216
All Syphilis Infections	7	5	16	19
Gonorrhea & Chlamydia Co-infections	43	27	109	100
Penicillin Resistant Gonorrhea Infections (PRNG)				
Suspect PRNG				
HIV	5	7	33	25

Total Number of STD Cases by Age and Gender - March 2005

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	2	77	27	74	37	27	17	9	17	4	3		1				300
Gonorrhea Only Cases							1		5	6	7	4	2	4	1	7		2						39
Syphilis Only Cases												1		1		1				1	1			5
GC and CT Cases									8	4	5	5	2	1	2									27
							6	2	90	37	86	47	31	23	12	25	4	5		2	1			371
HIV												1	1	1		1	1	1		1				7

Regional STD Distribution - March 2005

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	150	20	4	8		4	3	12	1	19		7		7	4	15	38	31	1	2	1	327
All Gonorrhea Infections	31	1	1	1				2	1	1		1		2	1	2	13	9				66
All Syphilis Infections	3	1				1																5
GC and CT Infections	14								1			1			1	1	5	4				27

Missing Investigation Forms (Jan.1 to end of February)	13	11	2	5		1	1	4		1		15		1		10	7	1		1		73
---	----	----	---	---	--	---	---	---	--	---	--	----	--	---	--	----	---	---	--	---	--	----

* 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 2005**. This report reflects the number of cases of reportable communicable diseases for which individuals in Manitoba tested positive* during the month of April 2005.

Communicable Diseases

In total, there were **259** new infections occurring across 23 communicable diseases** (excluding sexually transmitted infections and HIV) in April 2005. The observed number of cases were within the expected range for most of the reported communicable diseases with the exception of the following: *Campylobacter* (34 cases observed; expected range = 5-27 cases); Methicillin resistant staphylococcus aureus (MRSA; 74 cases observed; expected range = 0-61 cases); Necrotizing fasciitis (2 cases observed; expected range = 0-1 case); *Streptococcal pneumoniae* (3 cases observed; expected range = 0-2 cases). The expected number of cases and accompanying range is based on the number of cases during March, April, and May 2000-2004.

Sexually Transmitted Infections & Blood-Borne Pathogens

There were **419** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) in April: 314 cases of chlamydia (Ct), 51 cases of gonorrhoea (Gc), 47 Gc-Ct co-infections, and 7 cases of syphilis. Two-thirds (65.8%) of all Gc and Ct cases in the province were reported among individuals between the ages of 15 and 24 years, most of whom were females. Half (50.2%) of all Gc and Ct cases were reported for individuals living in the Winnipeg health region, and an additional 18.7% were from the Burntwood health region.

In April **36** individuals tested positive for hepatitis C, 69.4% of which were reported from the Winnipeg region. More than 60% of new hepatitis C cases reported in April were among males; mostly in the 40–59 year age group. Additionally, eleven individuals tested positive for HIV in April.

*Note: Data for the monthly summary is 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)

toxoplasmosis (ICD9: 130.9)

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 April 2005

ICD9	DISEASE/INFECTION	MONTHLY TOTAL				YEAR-TO-DATE	
		2004	2005	Expected*	Ex. Range**	2004	2005
006.9	AMEBIASIS	3	3	3	0-7	6	10
127.0	ASCARIASIS			0	0-0		
005.8	B. CEREUS	1		0	0-1	1	
320.82	BAC. MENINGITIS - E.COL			0	0-1		
320.0	BAC. MENINGITIS - HAEM			0	0-1		
320.9	BAC. MENINGITIS - OTHER			0	0-0		
320.1	BAC. MENINGITIS - PNEUM		1	0	0-1	3	2
320.3	BAC. MENINGITIS - STAPH			0	0-1	1	
320.2	BAC. MENINGITIS - STREP			1	0-3		
320.7	BAC.MENINGITIS-LISTERIA				***		
005.1	BOTULISM				***		
023	BRUCELLOSIS			0	0-0		
005.2	C. PERFRINGENS			2	0-7	3	1
008.43	CAMPYLOBACTER	17	34	16	5-27	55	69
558.2	CLOSTRIDIUM DIFFICILE		59		***		59
046.1	CREUTZFELD-JACOB DISEASE				***		
007.8	CRYPTOSPORIDIOSIS	4	4	3	0-7	12	5
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	2	1
008.0	E. COLI-VEROTOXIGENIC	4	1	3	0-8	11	8
054.3	ENCEPHALITIS			0	0-1		
005.9	FOOD POISONING OTHER			0	0-1		
007.1	GIARDIA LAMBLIA	7	4	10	2-18	37	16
041.5	H.I.B.-NON MTGS			1	0-3	3	
480.8	HANTA VIRUS			0	0-1		
283.11	HEMOLYTIC.UREMIC.SYNDROME			0	0-1		
070.1	HEPATITIS A		2	2	0-10	6	7
070.3	HEPATITIS B			1	0-3	1	
070.51	HEPATITIS C	33	36	51	3-99	175	144
054.8	HERPES-W/UNSPEC COMPL			0	0-0		
A83.0	JAPANESE ENCEPHALITIS				***		
482.83	LEGIONELLA			0	0-1	1	1
085.9	LEISHMANIASIS			0	0-0		
030.9	LEPROSY			0	0-1	2	
027.0	LISTERIA MONOCYTOGENES			0	0-1	1	
088.81	LYME DISEASE			0	0-0		
084	MALARIA	2	1	1	0-3	3	1
055.9	MEASLES			0	0-1	1	
036.0	MENINGOCOCCAL CSE			1	0-3		2
036.82	MENINGOCOCCAL ARTHROPATH				***		
036.2	MENINGOCOCCEMIA BLOOD			1	0-3		2
B95.6	MRSA/VRSA	41	74	30	0-61	228	299
072.9	MUMPS			0	0-1	1	1
036.89	N.MENINGITIDIS.OTHER	1		0	0-1	3	2
728.86	NECROTIZING FASCIITIS		2	0	0-1	2	2
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	9	1	3	0-8	28	12
038.2	PNEUM. SEPTICEMIA	5	5	7	0-14	15	32
073.9	PSITTACOSIS			0	0-1		
083.0	Q FEVER			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	
		2004	2005	Expected*	Ex. Range**	2004	2005
331.81	REYF'S SYNDROME				***		
391	RHEUMATIC FEVER			0	0-1		
056.9	RUBELLA			0	0-1		
771.0	RUBELLA CONGENITAL			0	0-0		
041.2	S PNEUMOTHER	2	3	0	0-2	9	8
003.0	SALMONELLA	16	9	15	7-23	52	38
120	SCHISTOSOMIASIS			0	0-0		
004	SHIGELLOSIS	1	1	1	0-3	8	6
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	0-1		
040.89	STREPT. TOXIC SHOCK		1	0	0-1		2
481	STREPTOCOCCUS PNEUMONIAE	3		1	0-3	3	1
127.2	STRONGYLOIDES			0	0-1		
037	TETANUS			0	0-0		
130.9	TOXOPLASMOSIS			2	0-6		
124	TRICHINOSIS			0	0-0		
086	TRYPANOSOMA CRUZI			0	0-1		
013	TUBERCULOSIS - NON-RESP.	2	1	2	0-4	6	5
011	TUBERCULOSIS - RESP.	9	11	6	0-12	27	25
010	TUBERCULOSIS-PRIM.	4	1	2	0-6	5	1
021.9	TULAREMIA			0	0-0		
002.0	TYPHOID			0	0-1		
081.9	TYPHUS			0	0-0		
B96.8	VANCOMYCIN R. ENTEROCOCCI	6	4		***	56	18
005.4	VIBRIO PARAHAEEMOLYTICUS				***		
070.59	VIRAL HEP. OTHER				***		
047.0	VIRAL MENINGITIS-COXSACK			0	0-0	1	
047.1	VIRAL MENINGITIS-ECHO	3		1	0-3	3	
047.8	VIRAL MENINGITIS-ENTERO	1			***	1	
054.72	VIRAL MENINGITIS-H. SIMP.			0	0-1		
047.9	VIRAL MENINGITIS-UNSPEC.			0	0-1	1	
062.1	W. EQUINE ENCEPHALITIS			0	0-0		
066.3	WEST NILE VIRUS			0	0-0		
008.44	YERSINIA ENTEROCOLITICA	3	1	1	0-3	5	2
		178	259			778	782

* 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 2005

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										3
320.1	BAC. MENINGITIS - PNEUM																						1		1
008.43	CAMPYLOBACTER	1		3	3		3		1	1	4	1				1	3	3	4	2	3		1		34
558.2	CLOSTRIDIUM DIFFICILE			1							1	1		1		2	1	4	2	4	4	27	11		59
007.8	CRYPTOSPORIDIOSIS						1					1			2										4
008.0	E.COLI 0157																						1		1
007.1	GIARDIA LAMBLIA					1											1	1			1				4
070.1	HEPATITIS A											1								1					2
070.51	HEPATITIS C								1	2				2	5	4	4	6	1	6	2	2	1		36
084	MALARIA			1																					1
B95.6	MRSA/VRSA		2	5	3	1	3	1	1	1	3	2	2	1	2	3	2	6	7	4	2	12	11		74
728.86	NECROTIZING FASCIITIS																	1				1			2
033.0	PERTUSSIS								1																1
003.0	SALMONELLA	1			2	1			1				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				2	1		5
038.0	STREPTOCOCCAL SEPTICEMIA															1									1
040.89	STREPTOCOCCAL TOXIC SHOCK																					1			1
013	TUBERCULOSIS - NON-RESP.																					1			1
011	TUBERCULOSIS - RESP.									2	2		1	1	1		1				1		2		11
010	TUBERCULOSIS-PRIM.							1																	1
B96.8	VANCOMYCIN RES. ENTER.				1													1		1			1		4
008.44	YERSINIA ENTEROCOLITICA												1												1
		2	2	11	9	3	7	3	4	6	14	6	5	3	9	12	12	19	22	13	18	46	33		260

SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR April 2005

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
320.1	BAC. MENINGITIS - PNEUM	1																					1
008.43	CAMPYLOBACTER	4			1		3		4		4		13		1		1	3					34
558.2	CLOSTRIDIUM DIFFICILE	40	2				5	1	2		2		2	1	2			2					59
007.8	CRYPTOSPORIDIOSIS	2			1								1										4
008.0	E.COLI 0157	1																					1
007.1	GIARDIA LAMBLIA	1	1				1								1								4
070.1	HEPATITIS A	1											1										2
070.51	HEPATITIS C	25					1		3		4		1		1						1		36
084	MALARIA	1																					1
B95.6	MRSA/VRSA	26	2		4				1		1		6	1	3	13	6	9	2				74
728.86	NECROTIZING FASCIITIS												2										2
033.0	PERTUSSIS	1																					1
003.0	SALMONELLA	2					3				1		1		1			1					9
004	SHIGELLOSIS	1																					1
041.2	STREP.PNEUM.OTHER	3																					3
038.2	STREP.PNEUMOCOCCAL SEPTIC	1		1									2					1					5
038.0	STREPTOCOCCAL SEPTICEMIA	1																					1
040.89	STREPTOCOCCAL TOXIC SHOCK	1																					1
013	TUBERCULOSIS - NON-RESP.	1																					1
011	TUBERCULOSIS - RESP.	6															4	1					11
010	TUBERCULOSIS-PRIM.	1																					1
B96.8	VANCOMYCIN RES. ENTER.	3		1																			4
008.44	YERSINIA ENTEROCOLITICA	1																					1
		127	5	2	6		13	1	10		12		29	2	9	13	7	19	4		1		260
Missing Investigation Forms (Jan.1 to end of March)		51	10				2	2	4		8		4				1		2				84

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

Page 3

STD Infection Summary Report - April 2005

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2004	2005	2004	2005
All Chlamydia Infections	380	361	1471	1322
All Gonorrhea Infections (including PRNG)	91	98	368	314
All Syphilis Infections	6	7	22	26
Gonorrhea & Chlamydia Co-infections	42	47	151	147
Penicillin Resistant Gonorrhea Infections (PRNG)				
Suspect PRNG				
HIV	5	11	38	36

Total Number of STD Cases by Age and Gender - April 2005

Disease Name	<1		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 39		40 - 49		50 - 59		60 +		Missing age/gender	Total
	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M		
Chlamydia Only Cases							7	1	77	25	74	36	28	26	10	15	5	6	2	1		1		314
Gonorrhea Only Cases							1		6	5	6	6	4	5	2	8	3	2	1	2				51
Syphilis Only Cases									1			1	1	1		1	1	1						7
GC and CT Cases							3		11	7	8	10	4	1	3									47
							11	1	95	37	88	53	37	33	15	24	9	9	3	3		1		419
HIV							1						1	2		3		3				1		11

Regional STD Distribution - April 2005

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	180	9	4	5		9	4	15		12		11		21		17	45	23	1	4	1	361
All Gonorrhea Infections	49	2	7	2			1	2		4				2		2	19	6	1	1		98
All Syphilis Infections	4											1						1		1		7
GC and CT Infections	22		1	1			1	1		1				2		2	14	2				47

Missing Investigation Forms (Jan.1 to end of March)	10	21	3	5		2	1	3	1	2		16		2	1	13	11	2		1		94
--	----	----	---	---	--	---	---	---	---	---	--	----	--	---	---	----	----	---	--	---	--	----

* 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 May 2005**. This report reflects the number of cases of reportable communicable diseases for which individuals in Manitoba tested positive* during the month of May 2005.

Communicable Diseases

In total, there were **319** new infections occurring across 23 communicable diseases** (excluding sexually transmitted infections and HIV) in May 2005. 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; 83 cases observed; expected range = 0-61 cases). The expected number of cases and accompanying range is based on the number of cases during April, May, and June 2000-2004.

Sexually Transmitted Infections & Blood-Borne Pathogens

There were **399** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) in May: 316 cases of chlamydia (Ct), 34 cases of gonorrhoea (Gc), 38 Gc-Ct co-infections, and 11 cases of syphilis. Almost half (47.2%) of all Gc and Ct cases in the province were reported among females 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 21.9% were from the Burntwood health region.

In May **48** individuals tested positive for hepatitis C, 68.8% of which were reported from the Winnipeg region. Almost half (47.9%) of new hepatitis C cases reported in May were among males between the ages of 30 and 49 years. Additionally, ten individuals tested positive for HIV in May.

*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)

toxoplasmosis (ICD9: 130.9)

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 May 2005

ICD9	DISEASE/INFECTION	MONTHLY TOTAL				YEAR-TO-DATE	
		2004	2005	Expected*	Ex. Range**	2004	2005
006.9	AMEBIASIS		4	3	0-7	6	15
127.0	ASCARIASIS			0	0-0		
005.8	B. CEREUS			0	0-1	1	
320.82	BAC. MENINGITIS - E.COL			0	0-1		
320.0	BAC. MENINGITIS - HAEM			0	0-1		
320.9	BAC. MENINGITIS - OTHER			0	0-1		
320.1	BAC. MENINGITIS - PNEUM			0	0-1	3	2
320.3	BAC. MENINGITIS - STAPH			0	0-1	1	
320.2	BAC. MENINGITIS - STREP			1	0-3		
320.7	BAC.MENINGITIS-LISTERIA				***		
005.1	BOTULISM				***		
023	BRUCELLOSIS			0	0-0		
005.2	C. PERFRINGENS			1	0-4	3	1
008.43	CAMPYLOBACTER	22	21	19	2-36	77	95
558.2	CLOSTRIDIUM DIFFICILE		104		***		163
046.1	CREUTZFELD-JACOB DISEASE				***		
007.8	CRYPTOSPORIDIOSIS	1	1	3	0-7	13	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			1	0-2	2	1
008.0	E. COLI-VEROTOXIGENIC	4	2	4	0-9	15	9
054.3	ENCEPHALITIS			0	0-1		
005.9	FOOD POISONING OTHER			0	0-1		
007.1	GIARDIA LAMBLIA	10	5	11	3-19	48	22
041.5	H.I.B.-NON MTGS		1	0	0-1	3	1
480.8	HANTA VIRUS			0	0-1		
283.11	HEMOLYTIC UREMIC SYNDROME			0	0-1		
070.1	HEPATITIS A		2	2	0-11	6	10
070.3	HEPATITIS B	1	1	1	0-2	2	1
070.51	HEPATITIS C	35	48			209	192
054.8	HERPES-W-UNSPEC COMPL			0	0-0		
A83.0	JAPANESE ENCEPHALITIS				***		
482.83	LEGIONELLA	1		0	0-1	2	2
085.9	LEISHMANIASIS			0	0-0		
030.9	LEPROSY	1		0	0-1	3	
027.0	LISTERIA MONOCYTOGENES		1	1	0-5	1	2
088.81	LYME DISEASE			0	0-0		
084	MALARIA			1	0-3	3	1
055.9	MEASLES			0	0-1	1	
036.0	MENINGOCOCCAL CSF			0	0-2		2
036.82	MENINGOCOCCAL ARTHROPATH				***		
036.2	MENINGOCOCCAL BLOOD			0	0-1		2
B95.6	MRSA/VRSA	67	83	30	0-61	295	382
072.9	MUMPS			0	0-1	1	1
036.89	N.MENINGITIDIS OTHER	1		0	0-1	4	2
728.86	NECROTIZING FASCIITIS		1	0	0-1	2	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	6	2	4	0-8	34	14
038.2	PNEUM. SEPTICEMIA	4	7	6	0-12	19	39
073.9	PSITTACOSIS			0	0-0		
083.0	Q FEVER			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	
		2004	2005	Expected*	Ex. Range**	2004	2005
331.81	REYE'S SYNDROME				***		
391	RHEUMATIC FEVER			0	0-1		
056.9	RUBELLA			0	0-1		
771.0	RUBELLA CONGENITAL			0	0-0		
041.2	S.PNEUM.OTHER		2	0	0-2	9	10
003.0	SALMONELLA	9	12	15	8-22	61	51
120	SCHISTOSOMIASIS			0	0-0		
004	SHIGELLOSIS			1	0-4	8	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		
580.0	STREPT GLOMERULONEPHRITIS			0	0-1		
040.89	STREPT TOXIC SHOCK			0	0-1		2
481	STREPTOCOCCUS PNEUMONIAE		1	1	0-3	3	2
127.2	STRONGYLOIDES		1	0	0-1		1
037	TETANUS			0	0-0		
130.9	TOXOPLASMOSIS			2	0-6		
124	TRICHINOSIS			0	0-0		
086	TRYPANOSOMA CRUZI			0	0-0		
013	TUBERCULOSIS - NON-RESP.	1	4	2	0-4	7	9
011	TUBERCULOSIS - RESP.	11	11	7	1-13	38	36
010	TUBERCULOSIS-PRIM.	8	1	2	0-7	13	2
021.9	TULAREMIA			0	0-1		
002.0	TYPHOID			0	0-1		
081.9	TYPHUS			0	0-0		
B96.8	VANCOMYCIN R. ENTEROCOCCI	9	4		***	65	22
005.4	VIBRIO PARAHAEMOLYTICUS				***		
070.59	VIRAL HEP. OTHER				***		
047.0	VIRAL MENINGITIS-COXSACK			0	0-1	1	
047.1	VIRAL MENINGITIS-ECHO			1	0-5	3	
047.8	VIRAL MENINGITIS-ENTERO	1			***	2	
054.72	VIRAL MENINGITIS-H SIMP			0	0-1		
047.9	VIRAL MENINGITIS-UNSPEC			0	0-2	1	
062.1	W. EQUINE ENCEPHALITIS			0	0-0		
066.3	WEST NILE VIRUS			0	0-0		
008.44	YERSINIA ENTEROCOLITICA	1		1	0-3	6	2
		193	319			971	1111

* 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 2005

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				4
008.43	CAMPYLOBACTER			1	2	1	3	1			1		2	2	1		3	1	1	1			1		21
558.2	CLOSTRIDIUM DIFFICILE	1								1				1		7	2	3	6	6	7	40	30		104
007.8	CRYPTOSPORIDIOSIS			1																					1
008.0	E.COLI 0157						1															1			2
007.1	GIARDIA LAMBLIA				1		1		1					1							1				5
041.5	HAEM.INFLUENZA B (not csf															1									1
070.1	HEPATITIS A																	2							2
070.3	HEPATITIS B													1											1
070.51	HEPATITIS C									1		2		3	4	10	3	13	3	7	1	1			48
027.0	LISTERIA MONOCYTOGENES	1																							1
B95.6	MRSA/VRSA		1	3	6	6	6	3	1		1	1	2	4	2	2	5	5	3	1	2	16	13		83
728.86	NECROTIZING FASCIITIS																					1			1
033.0	PERTUSSIS	1		1																					2
003.0	SALMONELLA						1			2	1		2	1							1	1	3		12
481	STREP. PNEUMONIAE PNEUMON																					1			1
041.2	STREP.PNEUM.OTHER																				1	1			2
038.2	STREP.PNEUMOCOCCAL SEPTIC					1					1					1	1	1				2			7
127.2	STRONGYLOIDIASIS											1													1
013	TUBERCULOSIS - NON-RESP.													1				1		1	1				4
011	TUBERCULOSIS - RESP.									2		2				1		1	1	1		1	2		11
010	TUBERCULOSIS-PRIM.					1																			1
B96.8	VANCOMYCIN RES. ENTER.	1																				1	2		4
		4	1	6	9	9	12	4	2	1	7	3	9	12	7	15	23	16	26	13	20	63	57		319

SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR May 2005

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
008.43	CAMPYLOBACTER	5	1		2		7				1		4				1						21
558.2	CLOSTRIDIUM DIFFICILE	62	3		4		4	2	7	1	8		2		4		1	3	3				104
007.8	CRYPTOSPORIDIOSIS				1																		1
008.0	E.COLI 0157	1					1																2
007.1	GIARDIA LAMBLIA	2							1		1								1				5
041.5	HAEM.INFLUENZA B (not csf	1																					1
070.1	HEPATITIS A	1			1																		2
070.3	HEPATITIS B	1																					1
070.51	HEPATITIS C	33	2	1				4	2		1		1	1	2				1				48
027.0	LISTERIA MONOCYTOGENES						1																1
B95.6	MRSA/VRSA	31					2		4		1		1		1	20	7	13	1			2	83
728.86	NECROTIZING FASCIITIS																	1					1
033.0	PERTUSSIS	2																					2
003.0	SALMONELLA	5	1		3		1		1		1												12
481	STREP. PNEUMONIAE PNEU MON.	1																					1
041.2	STREP.PNEUM.OTHER	1											1										2
038.2	STREP.PNEUMOCOCCAL SE PTIC	6																1					7
127.2	STRONGYLOIDIASIS	1																					1
013	TUBERCULOSIS - NON-RESP.	3																1					4
011	TUBERCULOSIS - RESP.	3		1													1	6					11
010	TUBERCULOSIS-PRIM.																	1					1
B96.8	VANCOMYCIN RES. ENTER.	3																				1	4
		166	7	2	11		16	6	15	1	13		9	1	7	20	10	26	6			3	319
Missing Investigation Forms (Jan.1 to end of April)		57	3				4		2	2	2		8		1		1						80

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

Page 3

STD Infection Summary Report - May 2005

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2004	2005	2004	2005
All Chlamydia Infections	331	354	1802	1676
All Gonorrhea Infections (including PRNG)	69	72	437	386
All Syphilis Infections	6	11	28	37
Gonorrhea & Chlamydia Co-infections	30	38	181	185
Penicillin Resistant Gonorrhea Infections (PRNG)				
Suspect PRNG				
HIV	8	10	46	46

Total Number of STD Cases by Age and Gender - May 2005

Disease Name	<1		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 39		40 - 49		50 - 59		60 +		Missing age/gender	Total
	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M		
Chlamydia Only Cases							2		69	30	85	38	24	28	26	9	4	1						316
Gonorrhea Only Cases									7	2	8	3	4	5	2		1	1				1		34
Syphilis Only Cases												1	1		1		1	6		1				11
GC and CT Cases							1		10	4	4	3	4	8	2	2								38
							3		86	36	97	45	33	41	31	11	6	8		1		1		399
HIV											1			2		2		3		1		1		10

Regional STD Distribution - May 2005

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	173	13	4	8		7	2	13		20		7	1	7	1	21	58	19				354
All Gonorrhea Infections	40		3	1		1		2					1		2		13	9				72
All Syphilis Infections	9			1				1														11
GC and CT Infections	19		2					1					1		1		10	4				38

Missing Investigation Forms (Jan.1 to end of April)	26	28	5	4		3		4	1	1		21		1	1	16	10			2		123
--	----	----	---	---	--	---	--	---	---	---	--	----	--	---	---	----	----	--	--	---	--	-----

* 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 2005**. This report reflects the number of cases of reportable communicable diseases for which individuals in Manitoba tested positive* during the month of June 2005.

Communicable Diseases

In total, there were **357** new infections occurring across 25 communicable diseases** (excluding sexually transmitted infections and HIV) in June 2005. 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; 114 cases observed; expected range = 0-74 cases) and Streptococcal pneumoniae, other site (3 cases observed; expected range = 0-2 cases). The expected number of cases and accompanying range is based on the number of cases during May, June, and July 2000-2004.

The June report reflects a half-way point in the year, and serves as a good comparison from 2004. Compared to this time last year, cases of reported communicable diseases have increased by about one-quarter. Almost all of this increase can be attributed to the introduction of Clostridium difficile as a reportable disease and an increase in the number of MRSA cases reported to the province.

Sexually Transmitted Infections & Blood-Borne Pathogens

There were **412** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) in June: 319 cases of chlamydia (Ct), 43 cases of gonorrhoea (Gc), 43 Gc-Ct co-infections, and 7 cases of syphilis. Two-thirds (65.2%) of all Gc and Ct cases in the province were reported among youth aged 15-24 years. More than half (54.1%) of all Gc and Ct cases were reported for individuals living in the Winnipeg health region, and an additional 17.8% were from the Burntwood health region. Compared to the first six months of 2004, a slight decrease in the number of both chlamydia and gonorrhoea cases has been observed; although the number of syphilis cases has increased.

In June 38 individuals tested positive for hepatitis C (HCV). More than half (55.3%) of all newly diagnosed HCV cases in June were reported from the Winnipeg region; an additional 15.7% were reported from the Interlake health region, although many of these cases reflect individuals testing positive in the region's federal penitentiary. More than 70% of new hepatitis C cases reported in June were among males, many between the ages of 30 and 49 years. Additionally, 14 individuals tested positive for HIV in June. Compared to this time last year, numbers of newly reported HCV and HIV have remained the same.

*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)

toxoplasmosis (ICD9: 130.9)

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 June 2005

ICD9	DISEASE/INFECTION	MONTHLY TOTAL				YEAR-TO-DATE	
		2004	2005	Expected*	Ex. Range**	2004	2005
006.9	AMEBIASIS		4	3	0-7	6	19
127.0	ASCARIASIS		1	0	0-0		1
005.8	B. CEREUS			0	0-1	1	
320.82	BAC. MENINGITIS - E.COL			0	0-1		
320.0	BAC. MENINGITIS - HAEM			0	0-0		
320.9	BAC. MENINGITIS - OTHER			0	0-1		1
320.1	BAC. MENINGITIS - PNEUM			0	0-1	3	2
320.3	BAC. MENINGITIS - STAPH			0	0-1	1	
320.2	BAC. MENINGITIS - STREP	1		1	0-3	1	
320.7	BAC.MENINGITIS-LISTERIA				***		
005.1	BOTULISM				***		
023	BRUCELLOSIS			0	0-0		
005.2	C. PERFRINGENS	1		1	0-3	4	1
008.43	CAMPYLOBACTER	28	21	24	7-41	105	119
558.2	CLOSTRIDIUM DIFFICILE		101		***		264
046.1	CREUTZFELD-JACOB DISEASE				***		
007.8	CRYPTOSPORIDIOSIS		2	3	0-8	13	8
065.4	DENGUE FEVER			0	0-1		
V02.4	DIPH.CARRIERS			0	0-0		
032	DIPHTHERIA CASES			0	0-1		
123.4	DIPHYLLOBOTHRIUM SPP			1	0-2	2	1
008.0	E. COLI-VEROTOXIGENIC	9	9	4	0-9	24	18
054.3	ENCEPHALITIS			0	0-1		
005.9	FOOD POISONING OTHER			0	0-2		
007.1	GIARDIA LAMBLIA	16	8	13	6-20	65	33
041.5	H.I.B.-NON MTGS			0	0-0	3	1
480.8	HANTA VIRUS			0	0-1		
283.11	HEMOLYTIC UREMIC SYNDROME			0	0-1		
070.1	HEPATITIS A	4	3	2	0-11	10	13
070.3	HEPATITIS B			1	0-2	2	1
070.51	HEPATITIS C	23	38	49	0-102	232	230
054.8	HERPES-W-UNSPEC COMPL			0	0-1		
A83.0	JAPANESE ENCEPHALITIS				***		
482.83	LEGIONELLA			0	0-1	2	2
085.9	LEISHMANIASIS			0	0-0		
030.9	LEPROSY			0	0-1	3	
027.0	LISTERIA MONOCYTOGENES		1	1	0-5	1	3
088.81	LYME DISEASE			0	0-1		
084	MALARIA	1	2	1	0-3	4	3
055.9	MEASLES			0	0-0	1	
036.0	MENINGOCOCCAL CSF			0	0-2		2
036.82	MENINGOCOCCAL ARTHROPATH				***		
036.2	MENINGOCOCCAL BLOOD			0	0-1		2
B95.6	MRSA/VRSA	59	114	36	0-74	354	493
072.9	MUMPS			0	0-1	1	1
036.89	N.MENINGITIDIS OTHER	2		0	0-1	6	2
728.86	NECROTIZING FASCIITIS		1	0	0-1	2	4
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	4	1	5	0-10	38	17
038.2	PNEUM. SEPTICEMIA	3	11	6	0-12	22	50
073.9	PSITTACOSIS			0	0-0		
083.0	Q FEVER			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	
		2004	2005	Expected*	Ex. Range**	2004	2005
331.81	REYE'S SYNDROME				***		
391	RHEUMATIC FEVER	1		0	0-1	1	
056.9	RUBELLA			0	0-1		
771.0	RUBELLA CONGENITAL			0	0-0		
041.2	S.PNEUM.OTHER	3	3	0	0-2	12	13
003.0	SALMONELLA	12	19	15	8-22	73	72
120	SCHISTOSOMIASIS			0	0-0		
004	SHIGELLOSIS		1	1	0-4	8	7
005.0	STAPHYLOCOCCAL			0	0-0		
785.5	STAPHYLOCOCCUS AUREUS				***		
481.9	STREP PNEUMONIA - PR	1		0	0-1	1	
711.0	STREP.PNEUM.ARTHRITIS			0	0-0		
580.0	STREPT GLOMERULONEPHRITIS			0	0-1		
040.89	STREPT TOXIC SHOCK			0	0-1		2
481	STREPTOCOCCUS PNEUMONIAE	1		0	0-1	4	2
127.2	STRONGYLOIDES			0	0-1		2
037	TETANUS			0	0-0		
130.9	TOXOPLASMOSIS			2	0-7		
124	TRICHINOSIS			0	0-0		
086	TRYPANOSOMA CRUZI			0	0-0		
013	TUBERCULOSIS - NON-RESP.	2	1	2	0-6	9	10
011	TUBERCULOSIS - RESP.	6	6	6	0-13	44	42
010	TUBERCULOSIS-PRIM.		1	2	0-7	13	3
021.9	TULAREMIA			0	0-1		
002.0	TYPHOID			0	0-1		
081.9	TYPHUS			0	0-0		
B96.8	VANCOMYCIN R. ENTEROCOCCI	25	3		***	90	25
005.4	VIBRIO PARAHAEMOLYTICUS				***		
070.59	VIRAL HEP. OTHER				***		
047.0	VIRAL MENINGITIS-COXSACK			1	0-4	1	
047.1	VIRAL MENINGITIS-ECHO	3		3	0-10	6	
047.8	VIRAL MENINGITIS-ENTERO	2	4		***	4	4
054.72	VIRAL MENINGITIS-H SIMP			0	0-1		
047.9	VIRAL MENINGITIS-UNSPEC			0	0-2	1	
062.1	W. EQUINE ENCEPHALITIS			0	0-0		
066.3	WEST NILE VIRUS			0	0-0		
008.44	YERSINIA ENTEROCOLITICA		1	1	0-2	6	3
		207	357			1179	1477

* 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 2005

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									4
127.0	ASCARIASIS													1											1
008.43	CAMPYLOBACTER		1	2			3		1	1	1		1	2		1	3	1			1	2	1		21
558.2	CLOSTRIDIUM DIFFICILE		1		2		1	1		1				3	2	2	1	6	3	4	3	40	30	1	101
007.8	CRYPTOSPORIDIOSIS											1						1							2
008.0	E.COLI 0157				1					3	1		1		1							1	1		9
007.1	GIARDIA LAMBLIA			1			1	1						1				1		2	1				8
070.1	HEPATITIS A																	1	2						3
070.51	HEPATITIS C													3	4	3	9	1	6	4	4		4		38
027.0	LISTERIA MONOCYTOGENES																					1			1
084	MALARIA											1						1							2
B95.6	MRSA/VRSA		3	2	4	3	5	3	4	4	3	3	5	2	5	6	6	7	1	4	10	20	14		114
728.86	NECROTIZING FASCIITIS																			1					1
033.1	PARAPERTUSSIS							1																	1
033.0	PERTUSSIS																	1							1
003.0	SALMONELLA			3	1	3		1		1	1			1		1	1	1	1	1	2	1			19
004	SHIGELLOSIS											1													1
041.2	STREP.PNEUM.OTHER		1				1													1					3
038.2	STREP.PNEUMOCOCCAL SEPTIC	1				1						1	1			2	1	2				2			11
038.0	STREPTOCOCCAL SEPTICEMIA				1													1							2
013	TUBERCULOSIS - NON-RESP.													1											1
011	TUBERCULOSIS - RESP.																	1	4			1			6
010	TUBERCULOSIS-PRIM.															1									1
B96.8	VANCOMYCIN RES. ENTER.							1														1	1		3
047.8	VIRAL MENINGITIS-ENTERO		2					1														1			4
008.44	YERSINIA ENTEROCOLITICA				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 +		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		
		1	8	9	10	7	11	9	5	10	6	5	10	12	15	17	22	22	20	14	23	70	52		359

SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR June 2005

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
127.0	ASCARIASIS	1																					1
008.43	CAMPYLOBACTER	6	1				3		1		2		6		1			1					21
558.2	CLOSTRIDIUM DIFFICILE	63	3	1	2		4		1		9		12		4							2	101
007.8	CRYPTOSPORIDIOSIS	2																					2
008.0	E.COLI 0157	3					1						5										9
007.1	GIARDIA LAMBLIA	3					1		2		2												8
070.1	HEPATITIS A	2			1																		3
070.51	HEPATITIS C	21			3				6		3		2						2		1		38
027.0	LISTERIA MONOCYTOGENES	1																					1
084	MALARIA	2																					2
B95.6	MRSA/VRSA	40	1				4		1		3		6		3	18	8	21	7			2	114
728.86	NECROTIZING FASCIITIS																	1					1
033.1	PARAPERTUSSIS	1																					1
033.0	PERTUSSIS						1																1
003.0	SALMONELLA	11			1		1		2				1		2						1		19
004	SHIGELLOSIS												1										1
041.2	STREP.PNEUM.OTHER	3																					3
038.2	STREP.PNEUMOCOCCAL SEPTICEMIA	6											2				1				2		11
038.0	STREPTOCOCCAL SEPTICEMIA	1												1									2
013	TUBERCULOSIS - NON-RESP.	1																					1
011	TUBERCULOSIS - RESP.	4																2					6
010	TUBERCULOSIS-PRIM.	1																					1
B96.8	VANCOMYCIN RES. ENTER.	3																					3
047.8	VIRAL MENINGITIS-ENTERO	1							1						1			1					4
008.44	YERSINIA ENTEROCOLITICA	1																					1
		181	5	1	7		15		14		19		35	1	11	18	9	26	9		4	4	359
Missing Investigation Forms (Jan.1 to end of May)		69	3	1			15	2	3	1	2		7					1	1				105

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

Page 3

STD Infection Summary Report - June 2005

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2004	2005	2004	2005
All Chlamydia Infections	327	362	2129	2037
All Gonorrhea Infections (including PRNG)	96	86	533	473
All Syphilis Infections	2	7	30	44
Gonorrhea & Chlamydia Co-infections	43	43	224	228
Penicillin Resistant Gonorrhea Infections (PRNG)				
Suspect PRNG				
HIV	14	14	60	60

Total Number of STD Cases by Age and Gender - June 2005

Disease Name	<1		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 39		40 - 49		50 - 59		60 +		Missing age/gender	Total
	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M		
Chlamydia Only Cases							7		81	16	74	44	17	24	20	24	4	6				2		319
Gonorrhea Only Cases									2	4	4	8	3	5	5	5		6				1		43
Syphilis Only Cases													1		1	1		1				3		7
GC and CT Cases							2		8	8	10	5	1	4	2			2				1		43
							9		91	28	88	57	22	33	28	30	4	15				7		412
HIV							1		1		1	1		2	2	1	1	2		1		1		14

Regional STD Distribution - June 2005

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	187	16	5	13		11	1	8		16		8		15	1	15	45	18	1	2		362
All Gonorrhea Infections	49		2	1						2		1		3		2	18	8				86
All Syphilis Infections	7																					7
GC and CT Infections	17		1							2		1		3		2	11	6				43

Missing Investigation Forms (Jan.1 to end of May)	54	36	5	5		2		3	1	2		18		2		13	25	2		2		170
--	----	----	---	---	--	---	--	---	---	---	--	----	--	---	--	----	----	---	--	---	--	-----

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



Health

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

Santé

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

Dear Colleague,

Please find attached the **Summary of Communicable Diseases for the Month of July 2005**. This report reflects the number of cases of reportable communicable diseases for which individuals in Manitoba tested positive* during the month of July 2005.

Communicable Diseases

In total, there were **369** new infections occurring across 23 communicable diseases** (excluding sexually transmitted infections and HIV) in July 2005. 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; 147 cases observed; expected range = 0-84 cases) and Mumps (2 cases observed; expected range = 0-1 cases). The expected number of cases and accompanying range is based on the number of cases during June, July, and August 2000-2004.

Sexually Transmitted Infections & Blood-Borne Pathogens

There were **312** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) in July: 226 cases of chlamydia (Ct), 56 cases of gonorrhoea (Gc), 22 Gc-Ct co-infections, and 6 cases of syphilis. Almost half (47.9%) of all Gc and Ct cases in the province were reported among female youth aged 15-24 years. More than half (53.8%) of all Gc and Ct cases were reported for individuals living in the Winnipeg health region, and an additional 20.7% were from the Burntwood health region.

In July **22** individuals tested positive for hepatitis C (HCV), most (68.2%) of whom were reported from the Winnipeg health region. Cases tend to cluster in the 30+ years age groups, with an equal distribution between males and females. Additionally, 13 individuals tested positive for HIV in July.

*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)

toxoplasmosis (ICD9: 130.9)

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 July 2005

ICD9	DISEASE/INFECTION	MONTHLY TOTAL				YEAR-TO-DATE	
		2004	2005	Expected*	Ex. Range**	2004	2005
006.9	AMEBIASIS	4	1	2	0-5	10	21
022	ANTHRAX				***		
127.0	ASCARIASIS			0	0-0		
005.8	B. CEREUS	1		1	0-2	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	1		0	0-1	4	2
320.3	BAC. MENINGITIS - STAPH			0	0-1	1	
320.2	BAC. MENINGITIS - STREP			0	0-1	1	
320.7	BAC.MENINGITIS-LISTERIA				***		
005.1	BOTULISM				***		
023	BRUCELLOSIS			0	0-0		
005.2	C. PERFRINGENS	1		1	0-3	5	1
008.43	CAMPYLOBACTER	36	28	26	12-40	141	148
558.2	CLOSTRIDIUM DIFFICILE	4	97		***	4	361
046.1	CREUTZFELD-JACOB DISEASE				***		
007.8	CRYPTOSPORIDIOSIS	2		8	0-28	15	9
065.4	DENGUE FEVER			0	0-0		
V02.4	DIPH.CARRIERS			0	0-0		
032	DIPHTHERIA CASES	1		0	0-1	1	
123.4	DIPHYLLOBOTHRIUM SPP	1	1	1	0-3	3	2
008.0	E. COLI-VEROTOXIGENIC	6	6	12	0-24	30	24
054.3	ENCEPHALITIS			0	0-0		
005.9	FOOD POISONING OTHER			0	0-2		
007.1	GIARDIA LAMBLIA	9	16	17	6-28	74	52
041.5	H.I.B.-NON MTGS		1	0	0-1	3	2
480.8	HANTA VIRUS			0	0-0		
283.11	HEMOLYTIC UREMIC SYNDROME			0	0-1		
070.1	HEPATITIS A	4	2	1	0-4	14	15
070.3	HEPATITIS B		1	1	0-2	2	2
070.51	HEPATITIS C	32	22	42	15-69	264	252
054.8	HERPES-W-UNSPEC COMPL			0	0-1		
A83.0	JAPANESE ENCEPHALITIS				***		
482.83	LEGIONELLA			0	0-1	2	2
085.9	LEISHMANIASIS			0	0-0		
030.9	LEPROSY			0	0-0	3	
027.0	LISTERIA MONOCYTOGENES			1	0-5	1	3
088.81	LYME DISEASE			0	0-1		
084	MALARIA	2	2	1	0-3	6	5
055.9	MEASLES			0	0-0	1	
036.0	MENINGOCOCCAL CSF			0	0-2		2
036.82	MENINGOCOCCAL ARTHROPATH				***		
036.2	MENINGOCOCCAL BLOOD			0	0-1		2
B95.6	MRSA/VRSA	77	147	41	0-84	431	640
072.9	MUMPS		2	0	0-1	1	4
036.89	N.MENINGITIDIS OTHER			0	0-1	6	2
728.86	NECROTIZING FASCIITIS			0	0-1	2	4
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	6	2	6	0-12	44	20
038.2	PNEUM. SEPTICEMIA	3	4	5	0-10	25	54
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	
		2004	2005	Expected*	Ex. Range**	2004	2005
083.0	Q FEVER			0	0-1		
331.81	REYE'S SYNDROME				***		
391	RHEUMATIC FEVER	2		0	0-1	3	
056.9	RUBELLA			0	0-0		
771.0	RUBELLA CONGENITAL			0	0-0		
041.2	S.PNEUM.OTHER	1		0	0-2	13	13
003.0	SALMONELLA	21	11	17	8-26	94	83
120	SCHISTOSOMIASIS			0	0-0		
004	SHIGELLOSIS		1	2	0-5	8	8
005.0	STAPHYLOCOCCAL			0	0-1		
785.5	STAPHYLOCOCCUS AUREUS				***		
481.9	STREP PNEUMONIA - PR			0	0-1	1	
711.0	STREP.PNEUM.ARTHRITIS			0	0-0		
580.0	STREPT GLOMERULONEPHRITIS			0	0-1		
040.89	STREPT TOXIC SHOCK			0	0-1		2
481	STREPTOCOCCUS PNEUMONIAE		1	0	0-1	4	3
127.2	STRONGYLOIDES			0	0-1		2
037	TETANUS			0	0-0		
130.9	TOXOPLASMOSIS			2	0-7		
124	TRICHINOSIS			0	0-0		
086	TRYPANOSOMA CRUZI			0	0-0		
013	TUBERCULOSIS - NON-RESP.	1	3	2	0-6	10	13
011	TUBERCULOSIS - RESP.	11	7	6	0-13	55	49
010	TUBERCULOSIS-PRIM.	1	1	2	0-6	14	4
021.9	TULAREMIA			0	0-1		1
002.0	TYPHOID			0	0-1		
081.9	TYPHUS			0	0-0		
B96.8	VANCOMYCIN R. ENTEROCOCCI	16			***	106	25
005.4	VIBRIO PARAHAEEMOLYTICUS				***		
070.59	VIRAL HEP. OTHER				***		
047.0	VIRAL MENINGITIS-COXSACK	4		2	0-6	5	
047.1	VIRAL MENINGITIS-ECHO	10	1	4	0-11	16	3
047.8	VIRAL MENINGITIS-ENTERO	1	10		***	5	12
054.72	VIRAL MENINGITIS-H SIMP			0	0-1		
047.9	VIRAL MENINGITIS-UNSPEC			1	0-3	1	
062.1	W. EQUINE ENCEPHALITIS			0	0-0		
066.3	WEST NILE VIRUS			0	0-0		
008.44	YERSINIA ENTEROCOLITICA	2	2	1	0-2	8	5
		260	369			1439	1854

* 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 2005

ICD9	Disease Name	<1		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 39		40 - 49		50 - 59		60 +		Missing age/gender	Total
		F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M		
006.9	AMEBIASIS														1										1
008.43	CAMPYLOBACTER				1		2			1	3	1					2	2	5	3	3	2	3		28
558.2	CLOSTRIDIUM DIFFICILE	1		1	1	1						3		2	1	5		6	3	8	4	34	27		97
123.4	DIPHYLLOBOTHRIUM															1									1
008.0	E. COLI 0157			1	2				1													1	1		6
007.1	GIARDIA LAMBLIA		1	1	3		2		1	1		1	1			2		1				1	1		16
041.5	HAEM.INFLUENZA B (not csf									1															1
070.1	HEPATITIS A																	1	1						2
070.3	HEPATITIS B																					1			1
070.51	HEPATITIS C								1			1	1	2	3		3	3	1	1	2	2		2	22
084	MALARIA				1								1												2
B95.6	MRSA/VRSA	2	3	1	6	6	7	4	7	5	6	4	4	5	5	5	2	4	5	7	6	25	27	1	147
072.9	MUMPS		1													1									2
033.0	PERTUSSIS	1							1																2
003.0	SALMONELLA				1					1	2					2	1	3					1		11
004	SHIGELLOSIS							1																	1
481	STREP. PNEUMONIAE PNEUMON																					1			1
038.2	STREP.PNEUMOCOCCAL SEPTIC				1													1				1	1		4
038.0	STREPTOCOCCAL SEPTICEMIA																					1			1
013	TUBERCULOSIS - NON-RESP.			1						1				1											3
011	TUBERCULOSIS - RESP.									1	2									2		2			7
010	TUBERCULOSIS-PRIM.							1																	1
047.1	VIRAL MENINGITIS-ECHO	1																							1
047.8	VIRAL MENINGITIS-ENTERO	2	3	1			2	1	1																10
008.44	YERSINIA ENTEROCOLITICA															1							1		2
		7	8	6	16	7	13	6	12	11	14	9	7	8	10	19	6	19	18	20	16	67	68		370

SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR July 2005

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	1																	1
008.43	CAMPYLOBACTER	11			3	2	2	5	2					2	1				28
558.2	CLOSTRIDIUM DIFFICILE	54	5	4	6	3	8	10	1	2				1	1		1	1	97
123.4	DIPHYLLOBOTHRIUM	1																	1
008.0	E. COLI 0157	2		1		1	2												6
007.1	GIARDIA LAMBLIA	7				1	4	3						1					16
041.5	HAEM.INFLUENZA B (not csf	1																	1
070.1	HEPATITIS A					1		1											2
070.3	HEPATITIS B	1																	1
070.51	HEPATITIS C	15				2	2								2		1		22
084	MALARIA	2																	2
B95.6	MRSA/VRSA	55	2			2	2	2	6	1	7	16	12	32	9			1	147
072.9	MUMPS	1	1																2
033.0	PERTUSSIS	1			1														2
003.0	SALMONELLA	7			1	2		1											11
004	SHIGELLOSIS	1																	1
481	STREP. PNEUMONIAE PNEU MON.			1															1
038.2	STREP.PNEUMOCOCCAL SE PTIC		2		1			1											4
038.0	STREPTOCOCCAL SEPTICEM IA	1																	1
013	TUBERCULOSIS - NON-RESP.	1												2					3
011	TUBERCULOSIS - RESP.	3												4					7
010	TUBERCULOSIS-PRIM.	1																	1
047.1	VIRAL MENINGITIS-ECHO	1																	1
047.8	VIRAL MENINGITIS-ENTERO	7	1					1						1					10
008.44	YERSINIA ENTEROCOLITICA	1					1												2
		175	11	6	12	14	2	21	28	2	11	16	12	43	13		2	2	370
Missing Investigation Forms (Jan.1 to end of June)		81	3	1	1	7	2	6	1	3	21				2	1	2		131

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

Page 3

STD Infection Summary Report - July 2005

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2004	2005	2004	2005
All Chlamydia Infections	326	250	2455	2288
All Gonorrhea Infections (including PRNG)	86	78	619	550
All Syphilis Infections	4	6	34	50
Gonorrhea & Chlamydia Co-infections	31	22	255	249
Penicillin Resistant Gonorrhea Infections (PRNG)				
Suspect PRNG				
HIV	7	13	67	72

Total Number of STD Cases by Age and Gender - July 2005

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							9		58	14	52	26	16	19	15	16		3						228
Gonorrhea Only Cases							1		7	2	9	3	5	4	6	9		5	1	3		1		56
Syphilis Only Cases											1			1		3					1			6
GC and CT Cases							1	1	10	1	2	2	2	1		1		1						22
							11	1	75	17	64	31	23	25	21	29		9	1	3	1	1		312
HIV						1						1			2	4			2	1	1		1	13

Regional STD Distribution - July 2005

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	126	14	6	3		1		7	1	13		6	1	8	3	13	32	13	1	1	1	250
All Gonorrhea Infections	40	1	5	1				1		5		1	1	2			16	5				78
All Syphilis Infections	5					1																6
GC and CT Infections	10		1					1		3			1				4	2				22

Missing Investigation Forms (Jan.1 to end of June)	80	37	3	8		4		4	1	3		20		2		7	29	3				201
---	----	----	---	---	--	---	--	---	---	---	--	----	--	---	--	---	----	---	--	--	--	-----

* 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 August 2005**. This report reflects the number of cases of reportable communicable diseases for which individuals in Manitoba tested positive* during the month of August 2005.

Communicable Diseases

In total, there were **427** new infections occurring across 24 communicable diseases** (excluding sexually transmitted infections and HIV) in August 2005. 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; 124 cases observed; expected range = 0-88 cases) and Mumps (2 cases observed; expected range = 0-1 cases). The expected number of cases and accompanying range is based on the number of cases during July, August, and September 2000-2004.

Sexually Transmitted Infections & Blood-Borne Pathogens

There were **379** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) in August: 271 cases of chlamydia (Ct), 59 cases of gonorrhoea (Gc), 45 Gc-Ct co-infections, and 4 cases of syphilis. More than two-thirds of all Gc and Ct cases in the province were reported among youth aged 15-24 years. About half (52.3%) of all Gc and Ct cases were reported for individuals living in the Winnipeg health region, and an additional 19.2% were from the Burntwood health region.

In August **29** individuals tested positive for hepatitis C (HCV), most (65.5%) of whom were reported from the Winnipeg health region. Cases tend to cluster in the 30+ years age groups, with an equal distribution between males and females. Additionally, 7 individuals tested positive for HIV in August.

*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)

toxoplasmosis (ICD9: 130.9)

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 August 2005

ICD9	DISEASE/INFECTION	MONTHLY TOTAL				YEAR-TO-DATE	
		2004	2005	Expected*	Ex. Range**	2004	2005
006.9	AMEBIASIS	1	3	2	0-5	11	22
022	ANTHRAX				***		
127.0	ASCARIASIS			0	0-0		
005.8	B. CEREUS	1		0	0-1	3	
320.82	BAC. MENINGITIS - E.COL			0	0-0		
320.0	BAC. MENINGITIS - HAEM			0	0-0		
320.9	BAC. MENINGITIS - OTHER			0	0-0		1
320.1	BAC. MENINGITIS - PNEUM			0	0-1	4	2
320.3	BAC. MENINGITIS - STAPH			0	0-0	1	
320.2	BAC. MENINGITIS - STREP			0	0-1	1	
320.7	BAC.MENINGITIS-LISTERIA				***		
005.1	BOTULISM				***		
023	BRUCELLOSIS			0	0-0		
005.2	C. PERFRINGENS	2		1	0-6	7	1
008.43	CAMPYLOBACTER	29	35	27	18-36	170	185
558.2	CLOSTRIDIUM DIFFICILE		119		***	4	480
046.1	CREUTZFELD-JACOB DISEASE				***		
007.8	CRYPTOSPORIDIOSIS	3	4	11	0-32	18	14
065.4	DENGUE FEVER			0	0-0		
V02.4	DIPH.CARRIERS			0	0-0		
032	DIPHTHERIA CASES			0	0-1	1	
123.4	DIPHYLLOBOTHRIUM SPP	3		1	0-3	6	2
008.0	E. COLI-VEROTOXIGENIC	14	7	11	0-23	44	30
054.3	ENCEPHALITIS			0	0-0		
005.9	FOOD POISONING OTHER			1	0-3		
007.1	GIARDIA LAMBLIA	16	15	18	6-30	90	69
041.5	H.I.B.-NON MTGS			0	0-1	3	2
480.8	HANTA VIRUS			0	0-0		
283.11	HEMOLYTIC UREMIC SYNDROME			0	0-1		
070.1	HEPATITIS A	2		1	0-3	16	15
070.3	HEPATITIS B			1	0-3	2	2
070.51	HEPATITIS C	31	30	42	21-63	295	283
054.8	HERPES-W-UNSPEC COMPL			0	0-1		
A83.0	JAPANESE ENCEPHALITIS				***		
482.83	LEGIONELLA			0	0-0	2	2
085.9	LEISHMANIASIS			0	0-0		
030.9	LEPROSY			0	0-0	3	
027.0	LISTERIA MONOCYTOGENES		1	0	0-1	1	4
088.81	LYME DISEASE	1		0	0-1	1	
084	MALARIA	2		1	0-3	8	5
055.9	MEASLES			0	0-0	1	
036.0	MENINGOCOCCAL CSF			0	0-2		2
036.82	MENINGOCOCCAL ARTHROPATH				***		
036.2	MENINGOCOCCAL BLOOD			0	0-0		2
B95.6	MRSA/VRSA	87	124	44	0-88	518	764
072.9	MUMPS	1	2	0	0-1	2	6
036.89	N.MENINGITIDIS OTHER	1		0	0-1	7	2
728.86	NECROTIZING FASCIITIS		1	0	0-1	2	5
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	4	2	6	0-13	48	23
038.2	PNEUM. SEPTICEMIA	5	3	5	0-10	30	57
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	
		2004	2005	Expected*	Ex. Range**	2004	2005
083.0	Q FEVER			0	0-1		
331.81	REYE'S SYNDROME				***		
391	RHEUMATIC FEVER	1		0	0-1	4	
056.9	RUBELLA			0	0-0		
771.0	RUBELLA CONGENITAL			0	0-0		
041.2	S.PNEUM.OTHER			0	0-2	13	13
003.0	SALMONELLA	14	18	17	8-26	108	102
120	SCHISTOSOMIASIS			0	0-0		
004	SHIGELLOSIS			1	0-3	8	8
005.0	STAPHYLOCOCCAL			0	0-1		
785.5	STAPHYLOCOCCUS AUREUS				***		
481.9	STREP PNEUMONIA - PR			0	0-0	1	
711.0	STREP.PNEUM.ARTHRITIS			0	0-0		
580.0	STREPT GLOMERULONEPHRITIS			0	0-1		
040.89	STREPT TOXIC SHOCK			0	0-1		2
481	STREPTOCOCCUS PNEUMONIAE			0	0-1	4	3
127.2	STRONGYLOIDES			0	0-1		2
037	TETANUS			0	0-1		
130.9	TOXOPLASMOSIS			2	0-7		
124	TRICHINOSIS			0	0-0		
086	TRYPANOSOMA CRUZI			0	0-0		
013	TUBERCULOSIS - NON-RESP.		1	3	0-9	10	14
011	TUBERCULOSIS - RESP.	3	5	5	0-13	58	54
010	TUBERCULOSIS-PRIM.	2	1	1	0-4	16	5
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	5	4		***	111	29
005.4	VIBRIO PARAHAEEMOLYTICUS				***		
070.59	VIRAL HEP. OTHER				***		
047.0	VIRAL MENINGITIS-COXSACK	3		2	0-6	8	
047.1	VIRAL MENINGITIS-ECHO	7	11	5	0-12	23	17
047.8	VIRAL MENINGITIS-ENTERO	2	4		***	7	13
054.72	VIRAL MENINGITIS-H SIMP			0	0-1		
047.9	VIRAL MENINGITIS-UNSPEC			0	0-1	1	
062.1	W. EQUINE ENCEPHALITIS			0	0-0		
066.3	WEST NILE VIRUS			0	0-0		
196	WNV ASYMPTOMATIC INFECTION		3		***		3
198	WNV NEUROLOGICAL SYNDROME		8		***		10
197	WNV NON-NEUROLOGICAL SYND		25		***		37
008.44	YERSINIA ENTEROCOLITICA	1	1	1	0-2	9	7
		242	427			1681	2301

* 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 2005

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							3
008.43	CAMPYLOBACTER			3	2	2	3		1		3	1	2	1	4	1	1	1	1	2	4	3			35
558.2	CLOSTRIDIUM DIFFICILE									1		1	2	2	2		2	3		12	5	42	47		119
007.8	CRYPTOSPORIDIOSIS			2	1									1											4
008.0	E.COLI 0157				1		1						2			1		1				1			7
007.1	GIARDIA LAMBLIA			1	1		1	1		2	1		2		1	1		1		1	1	1			15
070.51	HEPATITIS C											3				1	3	5	7	4	5	1			29
027.0	LISTERIA MONOCYTOGENES																					1			1
B95.6	MRSA/VRSA	2	2	3	3	3	6	6	5	9	2	7	3	6	6	7	3	4	7	2	7	19	11	1	124
072.9	MUMPS														1		1								2
728.86	NECROTIZING FASCIITIS											1													1
033.0	PERTUSSIS		1						1																2
003.0	SALMONELLA			2	2	1	3	1		1	2			1				2	2			1			18
038.2	STREP.PNEUMOCOCCAL SEPTIC									1											1	1			3
013	TUBERCULOSIS - NON-RESP.																					1			1
011	TUBERCULOSIS - RESP.														1	2	1					1			5
010	TUBERCULOSIS-PRIM.				1																				1
B96.8	VANCOMYCIN RES. ENTER.					1														1	1		1		4
047.1	VIRAL MENINGITIS-ECHO	2	4					1		1			1		1	1									11
047.8	VIRAL MENINGITIS-ENTERO		1									1					1					1			4
196	WNV Asymptomatic Infectio																	1			1		1		3
197	WNV Fever					1	1			1	1			1		5	3	7	4	3	4	4	3		38
198	WNV Neurological Syndrome							1								1			1	1	2	1	3		10
008.44	YERSINIA ENTEROCOLITICA															1									1
		4	8	11	11	8	15	9	8	14	9	15	13	11	19	21	15	25	23	26	31	78	66		441

SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR August 2005

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	3																	3				
008.43	CAMPYLOBACTER	14	2			4	3		2		3		1	2		4			35				
558.2	CLOSTRIDIUM DIFFICILE	62	5		3	4	1	8		9		14	1	7		1	1	1	119				
007.8	CRYPTOSPORIDIOSIS	2							2										4				
008.0	E.COLI 0157	3			1		1			1						1			7				
007.1	GIARDIA LAMBLIA	9	1					2		2			1						15				
070.51	HEPATITIS C	19	1	1	2			2		2		1						1	29				
027.0	LISTERIA MONOCYTOGENES	1																	1				
B95.6	MRSA/VRSA	33	2		1		1		1	2	1	4	2	4	19	15	28	6	124				
072.9	MUMPS	1										1							2				
728.86	NECROTIZING FASCIITIS															1			1				
033.0	PERTUSSIS	1													1				2				
003.0	SALMONELLA	11				1		3				3							18				
038.2	STREP.PNEUMOCOCCAL SEPTIC	1				1									1				3				
013	TUBERCULOSIS - NON-RESP.	1																	1				
011	TUBERCULOSIS - RESP.	3													1	1			5				
010	TUBERCULOSIS-PRIM.							1											1				
B96.8	VANCOMYCIN RES. ENTER.	3										1							4				
047.1	VIRAL MENINGITIS-ECHO	4				1		1		2						2	1		11				
047.8	VIRAL MENINGITIS-ENTERO	4																	4				
196	WNV Asymptomatic Infectio	1				1				1									3				
197	WNV Fever	9	2		2		2		2	9		12							38				
198	WNV Neurological Syndrome	4	1					1		1		3							10				
008.44	YERSINIA ENTEROCOLITICA	1																	1				
		190	14	1	9		16	3	22	1	33	1	42	3	13	21	19	36	10	1	1	5	441
Missing Investigation Forms (Jan.1 to end of July)		81	6				13	1	3	1	1		32					3	1		2		144

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

Page 3

STD Infection Summary Report - August 2005

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2004	2005	2004	2005
All Chlamydia Infections	335	316	2790	2606
All Gonorrhea Infections (including PRNG)	110	104	729	655
All Syphilis Infections	4	4	38	53
Gonorrhea & Chlamydia Co-infections	44	45	299	294
Penicillin Resistant Gonorrhea Infections (PRNG)				
Suspect PRNG				
HIV	4	7	71	79

Total Number of STD Cases by Age and Gender - August 2005

Disease Name	<1		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 39		40 - 49		50 - 59		60 +		Missing age/gender	Total
	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M		
Chlamydia Only Cases							2	1	66	18	66	47	14	21	12	16	3	3	2					271
Gonorrhea Only Cases								1	7	5	8	5	4	7	4	8	1	6		2		1		59
Syphilis Only Cases															2			1			1			4
GC and CT Cases							3		11	9	8	5		2	2	3		1		1				45
							5	2	84	32	82	57	18	30	20	27	4	11	2	3	1	1		379
HIV												1		1			1	2		2				7

Regional STD Distribution - August 2005

Disease/Infection	Winnipeg	Brandon	N.Eastman		S.Eastman		Interlake		Central		Assiniboine		Parkland		Norman		Burntwood		Churchill	OOP	Missing	TOTAL
Case Referred to:*			F	P	F	P	F	P	F	P	F	P	F	P	F	P	F	P				
All Chlamydia Infections	163	16	10	9		5	1	4		16		11	1	3	3	16	48	10				316
All Gonorrhea Infections	53		6				1	3		5			1	3	1	4	22	4		1		104
All Syphilis Infections	4																					4
GC and CT Infections	20		1				1	1		3			1	2	1	3	10	2				45

Missing Investigation Forms (Jan.1 to end of July)	78	8	2	4		4		3	1	2		6	2	2		10	30	4		1		157
---	----	---	---	---	--	---	--	---	---	---	--	---	---	---	--	----	----	---	--	---	--	-----

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



Health

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

Santé

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

Dear Colleague,

Please find attached the **Summary of Communicable Diseases for the Month of September 2005**. This report reflects the number of cases of reportable communicable diseases for which individuals in Manitoba tested positive* during the month of September 2005.

Communicable Diseases

In total, there were **430** new infections occurring across 24 communicable diseases** (excluding sexually transmitted infections and HIV) in September 2005. The observed number of cases were within the expected range for most of the reported communicable diseases with the exception of Lyme Disease (3 cases observed; expected range = 0-1 cases), Methicillin resistant staphylococcus aureus (MRSA; 151 cases observed; expected range = 0-91 cases), Mumps (2 cases observed; expected range = 0-1 cases), and Yersinia Enterocolitica (5 cases observed; expected range = 0-1 cases). The expected number of cases and accompanying range is based on the number of cases during August, September, and October 2000-2004.

Sexually Transmitted Infections & Blood-Borne Pathogens

There were **415** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) in September: 293 cases of chlamydia (Ct), 69 cases of gonorrhoea (Gc), 42 Gc-Ct co-infections, and 11 cases of syphilis. About 60% of all Gc and Ct cases in the province were reported among youth aged 15-24 years. About half (53.5%) of all Gc and Ct cases were reported for individuals living in the Winnipeg health region, and an additional 21.5% were from the Burntwood health region.

In September **29** individuals tested positive for hepatitis C (HCV), most (55.2%) of whom were reported from the Winnipeg health region. More than two-thirds (69%) of cases were reported among males, mostly in the 40-49 year age groups. Additionally, 13 individuals tested positive for HIV in September.

*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)

toxoplasmosis (ICD9: 130.9)

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 September 2005

ICD9	DISEASE/INFECTION	MONTHLY TOTAL				YEAR-TO-DATE	
		2004	2005	Expected*	Ex. Range**	2004	2005
006.9	AMEBIASIS	3	3	2	0-5	14	26
022	ANTHRAX				***		
127.0	ASCARIASIS			0	0-0		
005.8	B. CEREUS		1	0	0-1	3	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	4	2
320.3	BAC. MENINGITIS - STAPH			0	0-0	1	
320.2	BAC. MENINGITIS - STREP			0	0-1	1	
320.7	BAC.MENINGITIS-LISTERIA				***		
005.1	BOTULISM				***		
023	BRUCELLOSIS			0	0-0		
005.2	C. PERFRINGENS		2	2	0-7	7	3
008.43	CAMPYLOBACTER	27	27	25	14-36	197	215
558.2	CLOSTRIDIUM DIFFICILE		130		***	4	610
046.1	CREUTZFELD-JACOB DISEASE				***		
007.8	CRYPTOSPORIDIOSIS	3	1	10	0-31	21	17
065.4	DENGUE FEVER			0	0-0		
V02.4	DIPH.CARRIERS			0	0-0		
032	DIPHThERIA CASES			0	0-0	1	
123.4	DIPHYLLOBOTHRIUM SPP			0	0-2	6	2
008.0	E. COLI-VEROTOXIGENIC	10	2	9	0-24	54	33
054.3	ENCEPHALITIS			0	0-0		
005.9	FOOD POISONING OTHER			0	0-2		
007.1	GIARDIA LAMBLIA	21	14	17	4-30	111	86
041.5	H.I.B.-NON MTGS	1		0	0-1	4	2
480.8	HANTA VIRUS			0	0-0		
283.11	HEMOLYTIC UREMIC SYNDROME			0	0-1		
070.1	HEPATITIS A	2	2	1	0-3	18	17
070.3	HEPATITIS B	2		1	0-2	4	3
070.51	HEPATITIS C	38	29	42	23-61	333	313
054.8	HERPES-W-UNSPEC COMPL			0	0-0		
A83.0	JAPANESE ENCEPHALITIS				***		
482.83	LEGIONELLA			0	0-1	2	2
085.9	LEISHMANIASIS			0	0-0		
030.9	LEPROSY			0	0-0	3	
027.0	LISTERIA MONOCYTOGENES			0	0-1	1	4
088.81	LYME DISEASE		3	0	0-1	1	4
084	MALARIA	1	3	1	0-3	9	8
055.9	MEASLES			0	0-0	1	
036.0	MENINGOCOCCAL CSF			0	0-1		2
036.82	MENINGOCOCCAL ARTHROPATH				***		
036.2	MENINGOCOCCAL BLOOD			0	0-1		2
B95.6	MRSA/VRSA	73	151	45	0-91	591	915
072.9	MUMPS		2	0	0-1	2	8
036.89	N.MENINGITIDIS OTHER			0	0-1	7	2
728.86	NECROTIZING FASCIITIS	1		1	0-2	3	5
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		7	0-15	51	24
038.2	PNEUM. SEPTICEMIA	4	4	6	0-13	34	61
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	
		2004	2005	Expected*	Ex. Range**	2004	2005
083.0	Q FEVER			0	0-1		
331.81	REYE'S SYNDROME				***		
391	RHEUMATIC FEVER			0	0-1	4	
056.9	RUBELLA			0	0-0		
771.0	RUBELLA CONGENITAL			0	0-0		
041.2	S.PNEUM.OTHER		1	1	0-3	13	14
003.0	SALMONELLA	11	11	17	7-27	119	112
120	SCHISTOSOMIASIS			0	0-0		
004	SHIGELLOSIS	1	1	1	0-4	9	8
005.0	STAPHYLOCOCCAL			0	0-1		
785.5	STAPHYLOCOCCUS AUREUS				***		
481.9	STREP PNEUMONIA - PR			0	0-0	1	
711.0	STREP.PNEUM.ARTHRITIS			0	0-0		
580.0	STREPT GLOMERULONEPHRITIS			0	0-1		
040.89	STREPT TOXIC SHOCK			0	0-1		2
481	STREPTOCOCCUS PNEUMONIAE			0	0-1	4	3
127.2	STRONGYLOIDES			0	0-1		3
037	TETANUS			0	0-1		
130.9	TOXOPLASMOSIS			2	0-7		
124	TRICHINOSIS			0	0-0		
086	TRYPANOSOMA CRUZI			0	0-0		
013	TUBERCULOSIS - NON-RESP.	11	6	3	0-8	21	20
011	TUBERCULOSIS - RESP.	15	7	6	0-14	73	61
010	TUBERCULOSIS-PRIM.	1	3	1	0-3	17	8
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	16	7		***	127	36
005.4	VIBRIO PARAHAEEMOLYTICUS				***		
070.59	VIRAL HEP. OTHER				***		
047.0	VIRAL MENINGITIS-COXSACK			2	0-6	8	1
047.1	VIRAL MENINGITIS-ECHO	4	5	3	0-8	27	22
047.8	VIRAL MENINGITIS-ENTERO	4	7		***	11	19
054.72	VIRAL MENINGITIS-H SIMP			0	0-1		
047.9	VIRAL MENINGITIS-UNSPEC			0	0-1	1	
062.1	W. EQUINE ENCEPHALITIS			0	0-0		
066.3	WEST NILE VIRUS			0	0-0		
196	WNV ASYMPTOMATIC INFECTION				***		3
198	WNV NEUROLOGICAL SYNDROME		1		***		11
197	WNV NON-NEUROLOGICAL SYND		2		***		40
008.44	YERSINIA ENTEROCOLITICA		5	0	0-1	9	12
		252	430			1933	2745

* 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 2005

ICD9	Disease Name	<1		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 39		40 - 49		50 - 59		60 +		Missing age/gender	Total
		F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M		
006.9	AMEBIASIS															1	1	1							3
005.8	B. CEREUS																					1			1
005.2	C. PERFRINGENS																2								2
008.43	CAMPYLOBACTER				2	1	1		1		2		1	1		1	1	3	3	4	3		3		27
558.2	CLOSTRIDIUM DIFFICILE			1		1			1	3	1	1	1	2	1	7		6	5	9	3	49	39		130
007.8	CRYPTOSPORIDIOSIS			1																					1
008.0	E. COLI 0157				1																1				2
007.1	GIARDIA LAMBLIA						2				3		1			1		1	5			1			14
070.1	HEPATITIS A																	1	1						2
070.51	HEPATITIS C									1	3	1	2	2	1	2	1	9	1	3	1	2			29
088.81	LYME DISEASE			1													1					1			3
084	MALARIA					1				1										1					3
B95.6	MRSA/VRSA	1		7	9	4	4	6	5	6	3			3	2	4	7	8	9	3	2	31	37		151
072.9	MUMPS													1						1					2
003.0	SALMONELLA		1	1			2				1					2	2		1		1				11
004	SHIGELLOSIS						1																		1
041.2	STREP.PNEUM.OTHER													1											1
038.2	STREP.PNEUMOCOCCAL SEPTIC		1									1		1							1				4
038.0	STREPTOCOCCAL SEPTICEMIA				1																				1
013	TUBERCULOSIS - NON-RESP.											1						1	2			1	1		6
011	TUBERCULOSIS - RESP.							1			1		1			2					1		1		7
010	TUBERCULOSIS-PRIM.			1		1	1																		3
B96.8	VANCOMYCIN RES. ENTER.															1		1			1	3	1		7
047.1	VIRAL MENINGITIS-ECHO	1	1			1	1					1													5
047.8	VIRAL MENINGITIS-ENTERO	2			2			1								1	1								7
196	WNV Asymptomatic Infectio																	1			1		1		3

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		
197	WNV Fever					1	1			1	1			1		5	4	8	3	3	4	5	3		40
198	WNV Neurological Syndrome								1							1			1	1	3	1	3		11
008.44	YERSINIA ENTEROCOLITICA															1	1					3			5
		4	3	12	15	10	13	8	8	11	13	7	5	10	7	26	20	33	41	24	24	97	91		482

SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR September 2005

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					1																3
005.8	B. CEREUS									1													1
005.2	C. PERFRINGENS			1			1																2
008.43	CAMPYLOBACTER	8	5		3		2		2	1		4		1					1				27
558.2	CLOSTRIDIUM DIFFICILE	62	19	1	2		4		8	6	1	11	1	6		1	3	3			2		130
007.8	CRYPTOSPORIDIOSIS	1																					1
008.0	E. COLI 0157				1		1																2
007.1	GIARDIA LAMBLIA	10					2							2									14
070.1	HEPATITIS A	1										1											2
070.51	HEPATITIS C	16	1		2		1	4		2	1					1					1		29
088.81	LYME DISEASE	3																					3
084	MALARIA	3																					3
B95.6	MRSA/VRSA	49	3	1	3		1	2	6	2		4	1	16	18	9	27	6			3		151
072.9	MUMPS	2																					2
003.0	SALMONELLA	3						1		3		1						3					11
004	SHIGELLOSIS	1																					1
041.2	STREP.PNEUM.OTHER													1									1
038.2	STREP.PNEUMOCOCCAL SEPTICEMIA	3																1					4
038.0	STREPTOCOCCAL SEPTICEMIA				1																		1
013	TUBERCULOSIS - NON-RESP.	6																					6
011	TUBERCULOSIS - RESP.	3						1	1								2						7
010	TUBERCULOSIS-PRIM.	1															2						3
B96.8	VANCOMYCIN RES. ENTER.	5		1				1															7
047.1	VIRAL MENINGITIS-ECHO									1				1			2	1					5
047.8	VIRAL MENINGITIS-ENTERO	3			1					1							1	1					7
196	WNV Asymptomatic Infectio	1					1			1													3
197	WNV Fever	9	3		1		2		3	10		12											40
198	WNV Neurological Syndrome	5	1					1		1		3											11
008.44	YERSINIA ENTEROCOLITICA	4																1					5

* 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				
		201	32	4	14		16	7	22	1	29	2	36	2	27	18	11	37	17		1	5	482
Missing Investigation Forms (Jan.1 to end of August)		107	2				10	1	5	1	4		16					4	1		2		153

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

STD Infection Summary Report - September 2005

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2004	2005	2004	2005
All Chlamydia Infections	388	335	3178	2940
All Gonorrhea Infections (including PRNG)	99	111	827	766
All Syphilis Infections	11	11	49	63
Gonorrhea & Chlamydia Co-infections	35	42	334	336
Penicillin Resistant Gonorrhea Infections (PRNG)				
Suspect PRNG				
HIV	8	13	79	92

Total Number of STD Cases by Age and Gender - September 2005

Disease Name	<1		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 39		40 - 49		50 - 59		60 +		Missing age/gender	Total
	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M		
Chlamydia Only Cases							7		79	19	61	32	28	23	14	18	2	7	1	2				293
Gonorrhea Only Cases					1		1		5	2	10	7	5	7	8	9	2	6		5		1		69
Syphilis Only Cases													1	2		2	1	3		1	1			11
GC and CT Cases							2		12	5	4	7	4	1	1	3		2		1				42
					1		10		96	26	75	46	38	33	23	32	5	18	1	9	1	1		415
HIV											1	1	1	1	1	2	1	3		1	1			13

Regional STD Distribution - September 2005

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	19	5	6			2	13		12		4	1	10	2	12	52	24		3	1	335
All Gonorrhea Infections	65	2	1	2		2	1	3		5				2		6	15	7				111
All Syphilis Infections	10																			1		11
GC and CT Infections	18	1		1				2		2				2		5	9	2				42

Missing Investigation Forms (Jan.1 to end of August)	78	16	9	5		3		4		3		9	3	1		5	22	2		1		161
---	----	----	---	---	--	---	--	---	--	---	--	---	---	---	--	---	----	---	--	---	--	-----

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



Health

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

Santé

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

Dear Colleague,

Please find attached the **Summary of Communicable Diseases for the Month of October 2005**. This report reflects the number of cases of reportable communicable diseases for which individuals in Manitoba tested positive* during the month of October 2005.

Communicable Diseases

In total, there were **370** new infections occurring across 21 communicable diseases** (excluding sexually transmitted infections and HIV) in October 2005. 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; 119 cases observed; expected range = 0-93 cases) and Yersinia Enterocolitica (2 cases observed; expected range = 0-1 cases). The expected number of cases and accompanying range is based on the number of cases during September, October, and November 2000-2004.

Clostridium difficile, since becoming reportable in April, continues to account for about one-third of all non-STI/HIV related communicable diseases reportable to Manitoba Health. MRSA accounts for an additional 32.2% of the reported non-STI/HIV related communicable diseases. Unlike C. difficile which tends to be concentrated in the 60+ age group (accounting for 75% of all cases), MRSA is distributed more evenly across all age groups.

Sexually Transmitted Infections & Blood-Borne Pathogens

There were **444** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) in October: 297 cases of chlamydia (Ct), 93 cases of gonorrhoea (Gc), 41 Gc-Ct co-infections, and 13 cases of syphilis. About 65% 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, and an additional 20.2% were from the Burntwood health region.

In October **36** individuals tested positive for hepatitis C (HCV), one-third of whom were reported from the Winnipeg health region. Most (61.1%) of the cases were reported among males, mostly in the 30-49 year age groups. Additionally, 6 individuals tested positive for HIV in October, 2005.

*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)

toxoplasmosis (ICD9: 130.9)

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 October 2005

ICD9	DISEASE/INFECTION	MONTHLY TOTAL				YEAR-TO-DATE	
		2004	2005	Expected*	Ex. Range**	2004	2005
006.9	AMEBIASIS	2	1	2	0-4	16	27
022	ANTHRAX				***		
127.0	ASCARIASIS			0	0-0		
005.8	B. CEREUS			0	0-1	3	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	5	2
320.3	BAC. MENINGITIS - STAPH			0	0-0	1	
320.2	BAC. MENINGITIS - STREP			0	0-1	1	
320.7	BAC.MENINGITIS-LISTERIA				***		
005.1	BOTULISM				***		
023	BRUCELLOSIS			0	0-0		
005.2	C. PERFRINGENS			10	0-71	7	3
008.43	CAMPYLOBACTER	14	26	22	8-36	211	241
558.2	CLOSTRIDIUM DIFFICILE		130		***	4	739
046.1	CREUTZFELD-JACOB DISEASE				***		
007.8	CRYPTOSPORIDIOSIS			5	0-18	21	17
065.4	DENGUE FEVER			0	0-0		
V02.4	DIPH.CARRIERS			0	0-1		
032	DIPHTHERIA CASES			0	0-0	1	
123.4	DIPHYLLOBOTHRIUM SPP			0	0-1	6	2
008.0	E. COLI-VEROTOXIGENIC	3	2	5	0-13	57	35
054.3	ENCEPHALITIS			0	0-0		
005.9	FOOD POISONING OTHER			0	0-2		
007.1	GIARDIA LAMBLIA	12	5	14	4-24	123	93
041.5	H.I.B.-NON MTGS	1	1	0	0-1	5	3
480.8	HANTA VIRUS			0	0-0		
283.11	HEMOLYTIC UREMIC SYNDROME		1	0	0-1		1
070.1	HEPATITIS A		1	1	0-4	18	18
070.3	HEPATITIS B			1	0-2	4	3
070.51	HEPATITIS C	33	36	45	22-68	365	350
054.8	HERPES-W-UNSPEC COMPL			0	0-0		
A83.0	JAPANESE ENCEPHALITIS				***		
482.83	LEGIONELLA			0	0-1	2	2
085.9	LEISHMANIASIS			0	0-0		
030.9	LEPROSY			0	0-0	3	
027.0	LISTERIA MONOCYTOGENES			0	0-0	1	4
088.81	LYME DISEASE			0	0-0	1	4
084	MALARIA		2	1	0-3	9	10
055.9	MEASLES			0	0-0	1	
036.0	MENINGOCOCCAL CSF			0	0-1		2
036.82	MENINGOCOCCAL ARTHROPATH				***		
036.2	MENINGOCOCCAL BLOOD			0	0-1		2
B95.6	MRSA/VRSA	83	119	42	0-93	674	1033
072.9	MUMPS			0	0-0	2	8
036.89	N.MENINGITIDIS OTHER	1		0	0-1	8	2
728.86	NECROTIZING FASCIITIS	2		1	0-3	5	5
729.1	NECROTIZING MYOSITIS				***		
323.9	OTHER ENCEPHALITIS			0	0-1		
033.1	PARAPERTUSSIS				***		1
002.9	PARATYPHOID			0	0-0		
027.2	PASTEURELLA MULTOCIDA				***		
033.0	PERTUSSIS	8	2	6	0-15	59	26
038.2	PNEUM. SEPTICEMIA	3	6	7	0-14	37	67
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	
		2004	2005	Expected*	Ex. Range**	2004	2005
083.0	Q FEVER			0	0-1		
331.81	REYE'S SYNDROME				***		
391	RHEUMATIC FEVER	1		0	0-1	5	
056.9	RUBELLA			0	0-0		
771.0	RUBELLA CONGENITAL			0	0-0		
041.2	S.PNEUM.OTHER	3		1	0-3	16	14
003.0	SALMONELLA	12	15	14	5-23	131	127
120	SCHISTOSOMIASIS			0	0-1		
004	SHIGELLOSIS	4	1	1	0-4	13	10
005.0	STAPHYLOCOCCAL			0	0-0		
785.5	STAPHYLOCOCCUS AUREUS				***		
481.9	STREP PNEUMONIA - PR			0	0-1	1	
711.0	STREP.PNEUM.ARTHRITIS			0	0-0		
580.0	STREPT GLOMERULONEPHRITIS			0	0-0		
040.89	STREPT TOXIC SHOCK			0	0-1		2
481	STREPTOCOCCUS PNEUMONIAE			0	0-1	4	3
127.2	STRONGYLOIDES	1		0	0-1	1	3
037	TETANUS			0	0-1		
130.9	TOXOPLASMOSIS			2	0-7		
124	TRICHINOSIS			0	0-0		
086	TRYPANOSOMA CRUZI			0	0-0		
013	TUBERCULOSIS - NON-RESP.	3	1	3	0-8	24	21
011	TUBERCULOSIS - RESP.	6	8	7	0-15	79	69
010	TUBERCULOSIS-PRIM.			1	0-3	17	8
021.9	TULAREMIA			0	0-0	1	1
002.0	TYPHOID			0	0-0		
081.9	TYPHUS			0	0-0		
B96.8	VANCOMYCIN R. ENTEROCOCCI	17	5		***	144	41
005.4	VIBRIO PARAHAEMOLYTICUS				***		
070.59	VIRAL HEP. OTHER				***		
047.0	VIRAL MENINGITIS-COXSACK			0	0-1	8	1
047.1	VIRAL MENINGITIS-ECHO	4	5	2	0-7	31	30
047.8	VIRAL MENINGITIS-ENTERO		1		***	11	17
054.72	VIRAL MENINGITIS-H SIMP			0	0-1		
047.9	VIRAL MENINGITIS-UNSPEC			0	0-1	1	
062.1	W. EQUINE ENCEPHALITIS			0	0-0		
196	WNV ASYMPTOMATIC INFECTION				***		3
198	WNV NEUROLOGICAL SYNDROME				***		11
197	WNV NON-NEUROLOGICAL SYND				***		41
066.3	WNV UNCLASSIFIED				***	3	3
008.44	YERSINIA ENTEROCOLITICA	1	2	0	0-1	10	14
		215	370			2150	3121

* 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 2005

ICD9	Disease Name	<1		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 39		40 - 49		50 - 59		60 +		Missing age/gender	Total
		F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M		
006.9	AMEBIASIS																			1					1
008.43	CAMPYLOBACTER	1	1	3	3		2		1		1		1	2	3		1	2			1	3	1		26
558.2	CLOSTRIDIUM DIFFICILE						2				1	1	1		1		6		3	5	6	6	67	31	130
008.0	E. COLI 0157			1	1																				2
007.1	GIARDIA LAMBLIA										1	1					1		1	1					5
041.5	HAEM.INFLUENZA B (not csf																				1				1
283.11	HEMOLYTIC UREMIC SYNDROME				1																				1
070.1	HEPATITIS A																					1			1
070.51	HEPATITIS C													1	5	8	5	2	7	1	5	1		1	36
084	MALARIA														1						1				2
B95.6	MRSA/VRSA	3	1	7	5	3	9	4	8	4	6	4	1	1	4	9	8	4	4	5	6	11	12		119
033.0	PERTUSSIS	1	1																						2
003.0	SALMONELLA	2		2		1	1		2	1		1			1	2		1					1		15
004	SHIGELLOSIS																	1							1
038.2	STREP.PNEUMOCOCCAL SEPTIC				1								1					2				1	1		6
013	TUBERCULOSIS - NON-RESP.																						1		1
011	TUBERCULOSIS - RESP.							1				1						2			3	1			8
B96.8	VANCOMYCIN RES. ENTER.																				1	4			5
047.1	VIRAL MENINGITIS-ECHO	3	1														1								5
047.8	VIRAL MENINGITIS-ENTERO															1									1
196	WNV Asymptomatic Infectio																	1			1		1		3
197	WNV Fever					1	1			1	1			1		5	4	8	3	4	4	5	3		41
198	WNV Neurological Syndrome								1								1		1	1	3	1	3		11
066.3	WNV Unclassified																1	2							3
008.44	YERSINIA ENTEROCOLITICA																	1	1						2
		10	4	13	11	5	15	5	12	7	10	8	3	6	14	33	19	24	27	20	32	95	54		428

SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR October 2005

ICD9	Disease/Infection	Winnipeg	Brandon	N.Eastman		S.Eastman		Interlake		Central		Assiniboine		Parkland		Norman		Burntwood		Churchill	OOP	Missing	TOTAL
Case Referred to:*				F	P	F	P	F	P	F	P	F	P	F	P	F	P	F	P				
006.9	AMEBIASIS	1																					1
008.43	CAMPYLOBACTER	6	2				3		1		2		6				1	2	3				26
558.2	CLOSTRIDIUM DIFFICILE	82	12	3	2		2		4		9		10		4		1	1					130
008.0	E. COLI 0157										2												2
007.1	GIARDIA LAMBLIA	3							1		1												5
041.5	HAEM.INFLUENZA B (not csf	1																					1
283.11	HEMOLYTIC UREMIC SYNDR										1												1
070.1	HEPATITIS A	1																					1
070.51	HEPATITIS C	24						4	1		3		3						1				36
084	MALARIA	2																					2
B95.6	MRSA/VRSA	31	5					2	5		3		3		3	10	10	39	7		1		119
033.0	PERTUSSIS	1																	1				2
003.0	SALMONELLA	7	1				1		1		1		1						3				15
004	SHIGELLOSIS																		1				1
038.2	STREP.PNEUMOCOCCAL SE	2					1		2		1												6
013	TUBERCULOSIS - NON-RESP.																	1					1
011	TUBERCULOSIS - RESP.	8																					8
B96.8	VANCOMYCIN RES. ENTER.	3							1		1												5
047.1	VIRAL MENINGITIS-ECHO	3												1				1					5
047.8	VIRAL MENINGITIS-ENTERO	1																					1
196	WNV Asymptomatic Infectio	1					1				1												3
197	WNV Fever	9	3		1		2		4		10		12										41
198	WNV Neurological Syndrome	5	1						1		1		3										11
066.3	WNV Unclassified	2			1																		3
008.44	YERSINIA ENTEROCOLITICA	2																					2
		195	24	3	4		10	6	21	1	35		38	1	7	10	12	44	16			1	428
Missing Investigation Forms (Jan.1 to end of September)		129	5	2			7	2	5	1	3		21		2		1	4	2		3		187

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

Page 3

STD Infection Summary Report - October 2005

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2004	2005	2004	2005
All Chlamydia Infections	379	338	3557	3278
All Gonorrhea Infections (including PRNG)	106	134	933	901
All Syphilis Infections	2	13	51	76
Gonorrhea & Chlamydia Co-infections	48	41	382	377
Penicillin Resistant Gonorrhea Infections (PRNG)				
Suspect PRNG				
HIV	7	6	86	98

Total Number of STD Cases by Age and Gender - October 2005

Disease Name	<1		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 39		40 - 49		50 - 59		60 +		Missing age/gender	Total
	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M		
Chlamydia Only Cases		1					1		62	30	72	36	22	27	18	19		6		1		2		297
Gonorrhea Only Cases							1		9	4	19	10	8	9	5	16	2	6		3		1		93
Syphilis Only Cases									1		2		1		2		5				1	1		13
GC and CT Cases									14	5	10	5		5		2								41
		1					2		85	40	101	53	30	42	23	39	2	17		4	1	4		444
HIV									1	1	1				2		1							6

Regional STD Distribution - October 2005

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	177	14	7	5		5	4	11		12		9	4	8	3	7	51	17		4		338
All Gonorrhea Infections	77	1	3			1		1		6			1	2	2	3	28	7		2		134
All Syphilis Infections	13																					13
GC and CT Infections	20									2			1	1		1	13	3				41

Missing Investigation Forms (Jan.1 to end of September)	91	30	10	6		3	1	8	2	5		11	2	2		12	25	3		1		212
--	----	----	----	---	--	---	---	---	---	---	--	----	---	---	--	----	----	---	--	---	--	-----

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



Health

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

Santé

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

Dear Colleague,

Please find attached the **Summary of Communicable Diseases for the Month of November 2005**. This report reflects the number of cases of reportable communicable diseases for which individuals in Manitoba tested positive* during the month of November 2005.

Communicable Diseases

In total, there were **352** new infections occurring across 24 communicable diseases** (excluding sexually transmitted infections and HIV) in November 2005. 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; 138 cases observed; expected range = 0-93 cases) and Mumps (1 cases observed; 0 cases expected). The expected number of cases and accompanying range is based on the number of cases during October, November, and December 2000-2004.

In November, Clostridium difficile accounted for about 30% of all non-STI/HIV related communicable diseases reportable to Manitoba Health; MRSA accounted for an additional 39.2%. For the month of November, both MRSA and C. difficile tended to be concentrated in the 60+ age group (accounting for 40% to 60% of all cases, respectively).

Sexually Transmitted Infections & Blood-Borne Pathogens

There were **395** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) in November: 260 cases of chlamydia (Ct), 89 cases of gonorrhoea (GC), 42 Gc-Ct co-infections, and 4 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 (53.7%), and an additional 18.7% were from the Burntwood health region.

In November **38** individuals tested positive for hepatitis C (HCV), 60% of whom were reported from the Winnipeg health region. Cases were evenly distributed between males and females, with most of the cases in the 30-49 year age groups. Additionally, 10 individuals tested positive for HIV in November, 2005.

*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)

toxoplasmosis (ICD9: 130.9)

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 November 2005

ICD9	DISEASE/INFECTION	MONTHLY TOTAL				YEAR-TO-DATE	
		2004	2005	Expected*	Ex. Range**	2004	2005
006.9	AMEBIASIS	2	3	2	0-5	18	30
022	ANTHRAX				***		
127.0	ASCARIASIS			0	0-2		
005.8	B. CEREUS		1	0	0-1	3	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	5	2
320.3	BAC. MENINGITIS - STAPH			0	0-0	1	
320.2	BAC. MENINGITIS - STREP			0	0-1	1	
320.7	BAC.MENINGITIS-LISTERIA				***		
005.1	BOTULISM				***		
023	BRUCELLOSIS			0	0-0		
005.2	C. PERFRINGENS	2		10	0-71	9	3
008.43	CAMPYLOBACTER	17	16	16	1-31	228	257
558.2	CLOSTRIDIUM DIFFICILE		102		***	4	841
046.1	CREUTZFELD-JACOB DISEASE				***		
007.8	CRYPTOSPORIDIOSIS	1	3	2	0-5	22	20
065.4	DENGUE FEVER			0	0-0		
V02.4	DIPH.CARRIERS			0	0-1		
032	DIPHTHERIA CASES			0	0-0	1	
123.4	DIPHYLLOBOTHRIUM SPP	1		0	0-1	7	2
008.0	E. COLI-VEROTOXIGENIC	2		2	0-6	59	35
054.3	ENCEPHALITIS			0	0-1		
005.9	FOOD POISONING OTHER			0	0-1		
007.1	GIARDIA LAMBLIA	17	11	11	3-19	140	103
041.5	H.I.B.-NON MTGS			0	0-1	5	3
480.8	HANTA VIRUS			0	0-0		
283.11	HEMOLYTIC UREMIC SYNDROME			0	0-1		1
070.1	HEPATITIS A	1	1	1	0-4	19	19
070.3	HEPATITIS B			0	0-1	4	3
070.51	HEPATITIS C	38	38	43	21-65	403	388
054.8	HERPES-W-UNSPEC COMPL			0	0-0		
A83.0	JAPANESE ENCEPHALITIS				***		
482.83	LEGIONELLA			0	0-1	2	2
085.9	LEISHMANIASIS			0	0-0		
030.9	LEPROSY			0	0-0	3	
027.0	LISTERIA MONOCYTOGENES		1	0	0-0	1	5
088.81	LYME DISEASE			0	0-0	1	5
084	MALARIA			1	0-3	9	10
055.9	MEASLES			0	0-0	1	
036.0	MENINGOCOCCAL CSF			0	0-1		2
036.82	MENINGOCOCCAL ARTHROPATH				***		
036.2	MENINGOCOCCAL BLOOD			0	0-1		2
B95.6	MRSA/VRSA	93	138	40	0-93	767	1169
072.9	MUMPS		1	0	0-0	2	9
036.89	N.MENINGITIDIS OTHER			0	0-1	8	2
728.86	NECROTIZING FASCIITIS		1	1	0-3	5	6
729.1	NECROTIZING MYOSITIS				***		
323.9	OTHER ENCEPHALITIS			0	0-1		
033.1	PARAPERTUSSIS				***		1
002.9	PARATYPHOID			0	0-0		
027.2	PASTEURELLA MULTOCIDA				***		
033.0	PERTUSSIS	12	2	6	0-15	71	28
038.2	PNEUM. SEPTICEMIA	5	5	8	2-14	42	72
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	
		2004	2005	Expected*	Ex. Range**	2004	2005
083.0	Q FEVER			0	0-0		
331.81	REYE'S SYNDROME				***		
391	RHEUMATIC FEVER			0	0-1	5	
056.9	RUBELLA			0	0-0		
771.0	RUBELLA CONGENITAL			0	0-0		
041.2	S.PNEUM.OTHER	1	1	1	0-3	17	15
003.0	SALMONELLA	17	10	12	2-22	148	138
120	SCHISTOSOMIASIS			0	0-1		
004	SHIGELLOSIS	3	1	1	0-4	16	11
005.0	STAPHYLOCOCCAL			0	0-0		
785.5	STAPHYLOCOCCUS AUREUS				***		
481.9	STREP PNEUMONIA - PR	1		0	0-1	2	
711.0	STREP.PNEUM.ARTHRITIS			0	0-1		
580.0	STREPT GLOMERULONEPHRITIS			0	0-0		
040.89	STREPT TOXIC SHOCK			1	0-2		2
481	STREPTOCOCCUS PNEUMONIAE	1		0	0-1	5	3
127.2	STRONGYLOIDES			0	0-1	1	4
037	TETANUS			0	0-0		
130.9	TOXOPLASMOSIS			2	0-7		
124	TRICHINOSIS			0	0-1		
086	TRYPANOSOMA CRUZI			0	0-0		
013	TUBERCULOSIS - NON-RESP.	2	1	2	1-3	26	22
011	TUBERCULOSIS - RESP.	4	5	7	1-13	83	74
010	TUBERCULOSIS-PRIM.	3	1	1	0-3	20	9
021.9	TULAREMIA		1	0	0-1	1	2
002.0	TYPHOID			0	0-0		
081.9	TYPHUS			0	0-0		
B96.8	VANCOMYCIN R. ENTEROCOCCI	7	6		***	151	47
005.4	VIBRIO PARAHAEMOLYTICUS				***		
070.59	VIRAL HEP. OTHER				***		
047.0	VIRAL MENINGITIS-COXSACK			0	0-1	8	1
047.1	VIRAL MENINGITIS-ECHO	1	2	1	0-4	32	33
047.8	VIRAL MENINGITIS-ENTERO		1		***	11	17
054.72	VIRAL MENINGITIS-H SIMP			0	0-1		
047.9	VIRAL MENINGITIS-UNSPEC			0	0-1	1	
062.1	W. EQUINE ENCEPHALITIS			0	0-0		
196	WNV ASYMPTOMATIC INFECTION				***		3
198	WNV NEUROLOGICAL SYNDROME				***		11
197	WNV NON-NEUROLOGICAL SYND				***		42
066.3	WNV UNCLASSIFIED				***	3	2
008.44	YERSINIA ENTEROCOLITICA	1		0	0-1	11	15
		232	352			2382	3474

* 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 2005

ICD9	Disease Name	<1		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 39		40 - 49		50 - 59		60 +		Missing age/gender	Total
		F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M		
006.9	AMEBIASIS						1							1		1									3
005.8	B. CEREUS																					1			1
008.43	CAMPYLOBACTER	1		2	2	1	2		1			1						1			1		4		16
558.2	CLOSTRIDIUM DIFFICILE	1	1				1					3	2	3	2	7	4	2	4	4	4	38	26		102
007.8	CRYPTOSPORIDIOSIS				1									1		1									3
007.1	GIARDIA LAMBLIA				1	1			1						1	2	2					2	1		11
070.1	HEPATITIS A																			1					1
070.51	HEPATITIS C													2	1	5	7	6	8	2	3	3	1		38
027.0	LISTERIA MONOCYTOGENES																					1			1
B95.6	MRSA/VRSA	1		1	6	3	3	3	4	4	4	3	7	2	1	5	9	6	5	6	5	32	28		138
072.9	MUMPS					1																			1
728.86	NECROTIZING FASCIITIS																					1			1
033.0	PERTUSSIS	1							1																2
003.0	SALMONELLA									1	1			1		1		2	2			1	1		10
004	SHIGELLOSIS																					1			1
041.2	STREP.PNEUM.OTHER																	1							1
038.2	STREP.PNEUMOCOCCAL SEPTIC							1								1	1	1				1			5
013	TUBERCULOSIS - NON-RESP.															1									1
011	TUBERCULOSIS - RESP.									1		1				1		1		1					5
010	TUBERCULOSIS-PRIM.					1																			1
021.9	TULAREMIA															1									1
B96.8	VANCOMYCIN RES. ENTER.																	1				3	2		6
047.1	VIRAL MENINGITIS-ECHO											1				1									2
047.8	VIRAL MENINGITIS-ENTERO		1																						1
196	WNV Asymptomatic Infectio																	1			1		1		3
197	WNV Fever					1	1			1	1			1		5	4	8	4	4	4	5	3		42

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		
198	WNV Neurological Syndrome								1							1			1	1	3	1	3		11
066.3	WNV Unclassified																	1	1						2
		4	2	3	10	8	8	3	9	5	7	9	10	11	5	30	30	28	26	21	21	87	73		410

SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR November 2005

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
005.8	B. CEREUS												1										1
008.43	CAMPYLOBACTER	4	1						1		3	1	4		1			1					16
558.2	CLOSTRIDIUM DIFFICILE	55	12	2	2		1	1	4		12	1	6		2		2	2					102
007.8	CRYPTOSPORIDIOSIS	1											2										3
007.1	GIARDIA LAMBLIA	8			1		1						1										11
070.1	HEPATITIS A	1																					1
070.51	HEPATITIS C	23	2		2		3	2	2				1		1						1	1	38
027.0	LISTERIA MONOCYTOGENES										1												1
B95.6	MRSA/VRSA	60	3		1				5		3		2	1	6	7	9	34	7				138
072.9	MUMPS	1																					1
728.86	NECROTIZING FASCIITIS																	1					1
033.0	PERTUSSIS	2																					2
003.0	SALMONELLA	5	2								2		1										10
004	SHIGELLOSIS										1												1
041.2	STREP.PNEUM.OTHER	1																					1
038.2	STREP.PNEUMOCOCCAL SEPTIC	1									1					2		1					5
013	TUBERCULOSIS - NON-RESP.	1																					1
011	TUBERCULOSIS - RESP.	2			1													2					5
010	TUBERCULOSIS-PRIM.	1																					1
021.9	TULAREMIA										1												1
B96.8	VANCOMYCIN RES. ENTER.	4																1	1				6
047.1	VIRAL MENINGITIS-ECHO	1					1																2
047.8	VIRAL MENINGITIS-ENTERO	1																					1
196	WNV Asymptomatic Infectio	1					1				1												3
197	WNV Fever	9	3		2		2		4		10		12										42
198	WNV Neurological Syndrome	5	1						1		1		3										11
066.3	WNV Unclassified	2																					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				
		192	24	2	9		9	3	17		36	2	33	1	10	7	13	41	9		1	1	410
Missing Investigation Forms (Jan.1 to end of October)		129	7	1			10	3	3	2	4		29		2		1	5	4		3		203

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

Page 3

STD Infection Summary Report - November 2005

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2004	2005	2004	2005
All Chlamydia Infections	369	302	3926	3580
All Gonorrhea Infections (including PRNG)	76	131	1009	1032
All Syphilis Infections	5	4	56	80
Gonorrhea & Chlamydia Co-infections	33	42	415	419
Penicillin Resistant Gonorrhea Infections (PRNG)		1		1
Suspect PRNG				
HIV	10	10	96	108

Total Number of STD Cases by Age and Gender - November 2005

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						3	1	56	21	50	38	23	26	20	15	1	2	1	2				260
Gonorrhea Only Cases			1				3		8	6	13	9	6	11	1	9	3	11	2	5		1		89
Syphilis Only Cases												1					1	1		1				4
GC and CT Cases									16	4	7	8	3	2		1		1						42
	1		1				6	1	80	31	70	56	32	39	21	25	5	15	3	8		1		395
HIV											1		1		3	4							1	10

Regional STD Distribution - November 2005

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	150	13	7	6		12	3	6		17		8	2	6	6	8	39	19				302
All Gonorrhea Infections	79	1	2	1		1		5		6			1	2	2	1	22	7			1	131
All Syphilis Infections	3															1						4
GC and CT Infections	19	1	1	1				1		2				1	1	1	11	3				42

Missing Investigation Forms (Jan.1 to end of October)	110	33	15	4		3	2	5	2	6		15	3	3	1	5	34	5		1		247
--	-----	----	----	---	--	---	---	---	---	---	--	----	---	---	---	---	----	---	--	---	--	-----

* 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 2005**” for your review. This report reflects the number of reportable communicable diseases for which individuals in Manitoba tested positive* during the month of December 2005. 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 **358** new infections occurring across 21 communicable diseases** (excluding sexually transmitted infections and HIV) in December 2005. The observed number of cases was within the expected range for most of the reported communicable diseases, with the exception of *Legionella* (observed 3 cases; expect 0-1 cases) and Methicillin Resistant *Staphylococcus Aureus* (MRSA; 144 cases observed; expected range = 0-70 cases). The expected number of cases and accompanying range is based on the number of reported cases during November and December 2000-2004 and January 2001-2005.

Comparing 2005 year end totals with those in 2004, the Communicable Disease Control Unit witnessed a 48% increase in the overall number of reportable communicable diseases. Much of this increase is due to the recent reportability of *Clostridium difficile* (beginning in April 2005), accounting for one-quarter of all non-STI/HIV related communicable diseases reported to Manitoba Health. The remainder of the overall increase is mostly accounted for by Methicillin and/or Vancomycin Resistant *Staphylococcus Aureus* (MRSA/VRSA) which make up about one-third of non-STI/HIV related reportable diseases; MRSA cases rose by more than 50% between 2004 and 2005. Other diseases showing increases from 2004 to 2005 include Pneumococcal Septicemia (59% increase), Amebiasis (47% increase), West Nile Virus (58 cases in 2005 compared to 3 in 2004), Mumps (a 4-fold increase from 2004), Lyme Disease, and *Listeria* (both showing a 5-fold increase). Decreases from 2004 were observed for some diseases, most notably *Clostridium perfringens* (70% decrease), *E. coli* (one-third fewer cases), *Giardia Lamblia* (27% decrease), Pertussis (62% decrease), and Vancomycin Resistant Enterococci (two-thirds fewer cases).

Sexually Transmitted Infections & Blood-Borne Pathogens

There were **391** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) in December: 250 cases of chlamydia (Ct), 99 cases of gonorrhoea (GC), 37 GC-Ct co-infections, and 5 cases of syphilis. About 60% 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 28% were from the Burntwood health region.

The total number of chlamydia infections for 2005 was 3871; reflecting an 8% decrease from 2004. Gonorrhoea cases however rose by 7% in 2005 compared to 2004, reflecting 79 additional infections (1171 cases in 2005; 1092 cases in 2004).

In December **35** 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 males, mostly in the 30-49 year age group. There was virtually no change in the number of Manitobans who tested positive for hepatitis C in 2005 compared to 2004 (422 cases compared to 432 in 2004). Thirteen new cases of HIV were reported in December, bringing the year-to-date total to 120 new cases; reflecting a 13% increase from 2004. Because HIV is tested with a code but not a name, it is possible that some of these new cases may be duplicates; this figure may be refined as further client information is obtained.

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 2005, 117 outbreaks were reported to the Communicable Disease Control Unit. More than three-quarters of these outbreaks (91 of 117) occurred in personal care homes. About half of the reported outbreaks (54%) were for respiratory outbreaks, and an additional 39% reported gastrointestinal symptoms.

An infectious agent was confirmed in a little more than half of all outbreaks (56%) in 2005. Of the 117 reported outbreaks:

- 12% were lab confirmed as Small Round Enteric Virus, and
- 31% confirmed Influenza,

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

Cheers,

Dr. Carole Beaudoin
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)

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)

SUMMARY OF COMMUNICABLE DISEASE FOR December 2005

ICD9	DISEASE/INFECTION	MONTHLY TOTAL				YEAR-TO-DATE	
		2004	2005	Expected*	Ex. Range**	2004	2005
006.9	AMEBIASIS	3	2	3	0-7	21	31
022	ANTHRAX				***		
127.0	ASCARIASIS	3		0	0-0	3	
005.8	B. CEREUS			0	0-1	3	2
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			1	0-4	5	2
320.3	BAC. MENINGITIS - STAPH			0	0-1	1	
320.2	BAC. MENINGITIS - STREP	1		0	0-1	2	
320.7	BAC.MENINGITIS-LISTERIA				***		
005.1	BOTULISM				***		
023	BRUCELLOSIS			0	0-0		
005.2	C. PERFRINGENS	1		10	0-71	10	3
008.43	CAMPYLOBACTER	16	14	11	1-21	244	271
558.2	CLOSTRIDIUM DIFFICILE		112		***	4	953
046.1	CREUTZFELD-JACOB DISEASE		1		***		1
007.8	CRYPTOSPORIDIOSIS			1	0-3	22	20
065.4	DENGUE FEVER			0	0-0		
V02.4	DIPH.CARRIERS			0	0-1		
032	DIPHThERIA CASES			0	0-0	1	
123.4	DIPHYLLOBOTHRIUM SPP			0	0-1	7	2
008.0	E. COLI-VEROTOXIGENIC		2	3	0-8	59	38
054.3	ENCEPHALITIS		1	0	0-1		1
005.9	FOOD POISONING OTHER			0	0-1		
007.1	GIARDIA LAMBLIA	12	7	11	3-19	152	110
041.5	H.I.B.-NON MTGS		1	0	0-1	5	4
480.8	HANTA VIRUS			0	0-0		
283.11	HEMOLYTIC UREMIC SYNDROME			0	0-0		1
070.1	HEPATITIS A			1	0-4	19	16
070.3	HEPATITIS B	1		1	0-2	5	4
070.51	HEPATITIS C	29	35	44	21-67	432	422
054.8	HERPES-W-UNSPEC COMPL			0	0-0		
A83.0	JAPANESE ENCEPHALITIS				***		
482.83	LEGIONELLA		3	0	0-1	2	5
085.9	LEISHMANIASIS			0	0-0		
030.9	LEPROSY			0	0-0	3	
027.0	LISTERIA MONOCYTOGENES			0	0-1	1	5
088.81	LYME DISEASE			0	0-0	1	5
084	MALARIA	1		1	0-3	10	10
055.9	MEASLES		1	0	0-1	1	1
036.0	MENINGOCOCCAL CSF			0	0-2		2
036.82	MENINGOCOCCAL ARTHROPATH				***		
036.2	MENINGOCOCCAL BLOOD		1	0	0-1		3
B95.6	MRSA/VRSA	71	144	27	0-70	838	1314
072.9	MUMPS			0	0-1	2	9
036.89	N.MENINGITIDIS OTHER			0	0-1	8	2
728.86	NECROTIZING FASCIITIS	1		1	0-3	6	6
729.1	NECROTIZING MYOSITIS				***		
323.9	OTHER ENCEPHALITIS			0	0-1		
033.1	PARAPERTUSSIS				***		1
002.9	PARATYPHOID			0	0-1		
027.2	PASTEURELLA MULTOCIDA				***		
033.0	PERTUSSIS	12	2	5	0-12	83	31
038.2	PNEUM. SEPTICEMIA	7	6	7	2-12	49	78
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	
		2004	2005	Expected*	Ex. Range**	2004	2005
083.0	Q FEVER			0	0-0		
331.81	REYE'S SYNDROME				***		
391	RHEUMATIC FEVER			0	0-1	5	
056.9	RUBELLA			0	0-1		
771.0	RUBELLA CONGENITAL			0	0-0		
041.2	S.PNEUM.OTHER		2	0	0-1	17	17
003.0	SALMONELLA	10	14	12	3-21	158	155
120	SCHISTOSOMIASIS			0	0-1		
004	SHIGELLOSIS			2	0-6	16	11
005.0	STAPHYLOCOCCAL			0	0-1		
785.5	STAPHYLOCOCCUS AUREUS				***		
481.9	STREP PNEUMONIA - PR			0	0-0	2	
711.0	STREP.PNEUM.ARTHRITIS			0	0-1		
580.0	STREPT GLOMERULONEPHRITIS			0	0-1		
040.89	STREPT TOXIC SHOCK			1	0-2		2
481	STREPTOCOCCUS PNEUMONIAE			0	0-1	5	3
127.2	STRONGYLOIDES	1		0	0-0	2	4
037	TETANUS			0	0-0		
130.9	TOXOPLASMOSIS			3	0-8		
124	TRICHINOSIS			0	0-1		
086	TRYPANOSOMA CRUZI			0	0-0		
013	TUBERCULOSIS - NON-RESP.	1		2	0-4	27	22
011	TUBERCULOSIS - RESP.	12	5	7	2-12	95	79
010	TUBERCULOSIS-PRIM.		2	1	0-4	20	10
021.9	TULAREMIA			0	0-1	1	2
002.0	TYPHOID			0	0-1		
081.9	TYPHUS			0	0-0		
B96.8	VANCOMYCIN R. ENTEROCOCCI	10	2		***	161	49
005.4	VIBRIO PARAHAEEMOLYTICUS				***		
070.59	VIRAL HEP. OTHER				***		
047.0	VIRAL MENINGITIS-COXSACK			0	0-1	8	1
047.1	VIRAL MENINGITIS-ECHO		1	0	0-1	32	35
047.8	VIRAL MENINGITIS-ENTERO				***	11	16
054.72	VIRAL MENINGITIS-H SIMP			0	0-1		
047.9	VIRAL MENINGITIS-UNSPEC			0	0-1	1	
062.1	W. EQUINE ENCEPHALITIS			0	0-0		
196	WNV ASYMPTOMATIC INFECTION				***		3
198	WNV NEUROLOGICAL SYNDROME				***		11
197	WNV NON-NEUROLOGICAL SYND				***		42
066.3	WNV UNCLASSIFIED				***	3	2
008.44	YERSINIA ENTEROCOLITICA			0	0-1	11	15
		192	358			2574	3833

* 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 2005

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
008.43	CAMPYLOBACTER			1						1	1	1		1		3	1		4			1			14
558.2	CLOSTRIDIUM DIFFICILE				1					1	2			1		5	1	3	1	7	9	46	35		112
046.1	CREUTZFELD JACOB DISEASE																					1			1
008.0	E.COLI 0157																	1		1					2
054.3	ENCEPHALITIS																			1					1
007.1	GIARDIA LAMBLIA									1		1	1			2	1						1		7
041.5	HAEM.INFLUENZA B (not csf																					1			1
070.51	HEPATITIS C									1	1	2	3	2	2	8	4	6		4		1	1		35
482.83	LEGIONELLA																					2	1		3
055.9	MEASLES				1																				1
036.2	MENINGOCOCCEMIA(MGCCEMIA								1																1
B95.6	MRSA/VRSA	3	3	1	7	5	2	2	2	4	3	3		3	3	7	7	9	10	6	4	27	32	1	144
033.0	PERTUSSIS	1	1																						2
003.0	SALMONELLA			2											2		1	1		3	1	1	3		14
041.2	STREP.PNEUM.OTHER																					2			2
038.2	STREP.PNEUMOCOCCAL SEPTIC		2			1										1	1					1			6
038.0	STREPTOCOCCAL SEPTICEMIA			1																					1
011	TUBERCULOSIS - RESP.									1	1			1		1						1			5
010	TUBERCULOSIS-PRIM.				1					1															2
B96.8	VANCOMYCIN RES. ENTER.													1								1			2
047.1	VIRAL MENINGITIS-ECHO					1																			1
196	WNV Asymptomatic Infectio																	1			1		1		3
197	WNV Fever					1	1			1	1			1		5	4	8	4	4	4	5	3		42
198	WNV Neurological Syndrome								1							1		1	1	3	1	3			11
066.3	WNV Unclassified																	1	1						2

ICD9	Disease Name	<1		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 39		40 - 49		50 - 59		60 +		Missing age/gender	Total
		F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M		
		4	6	5	10	8	3	2	4	5	10	8	4	10	9	22	28	30	23	27	26	84	87		417

SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR December 2005

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
008.43	CAMPYLOBACTER	4	1				5				1		2		1								14
558.2	CLOSTRIDIUM DIFFICILE	71	10		3		5	2	5		6		7		1			1			1		112
046.1	CREUTZFELD JACOB DISEASE	1																					1
008.0	E.COLI 0157										2												2
054.3	ENCEPHALITIS	1																					1
007.1	GIARDIA LAMBLIA	6											1										7
041.5	HAEM.INFLUENZA B (not csf	1																					1
070.51	HEPATITIS C	19	3		1			5			3		1								3		35
482.83	LEGIONELLA	2																1					3
055.9	MEASLES												1										1
036.2	MENINGOCOCCEMIA(MGCCE	1																					1
B95.6	MRSA/VRSA	70	2						2	1	3		6		1	7	9	35	8				144
033.0	PERTUSSIS			1																	1		2
003.0	SALMONELLA	13														1							14
041.2	STREP.PNEUM.OTHER	2																					2
038.2	STREP.PNEUMOCOCCAL SE	4									2												6
038.0	STREPTOCOCCAL SEPTICEM	1																					1
011	TUBERCULOSIS - RESP.			1														4					5
010	TUBERCULOSIS-PRIM.	1																1					2
B96.8	VANCOMYCIN RES. ENTER.	1									1												2
047.1	VIRAL MENINGITIS-ECHO	1																					1
196	WNV Asymptomatic Infectio	1					1				1												3
197	WNV Fever	9	3		2		2		4		10		12										42
198	WNV Neurological Syndrome	5	1						1		1		3										11
066.3	WNV Unclassified	2																					2
		218	20	2	6		13	7	12	1	30		33		3	7	10	41	9		5		417
Missing Investigation Forms (Jan.1 to end of November)		99	7	1	1		14	5	2	2	6	1	32		1		3	6	2		3		185

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

Page 3

STD Infection Summary Report - December 2005

DISEASE/INFECTION	MONTHLY TOTAL		YEAR-TO-DATE	
	2004	2005	2004	2005
All Chlamydia Infections	295	287	4221	3871
All Gonorrhea Infections (including PRNG)	83	136	1092	1171
All Syphilis Infections	7	5	62	84
Gonorrhea & Chlamydia Co-infections	32	37	447	457
Penicillin Resistant Gonorrhea Infections (PRNG)				1
Suspect PRNG				
HIV	10	13	106	120

Total Number of STD Cases by Age and Gender - December 2005

Disease Name	<1		1 - 4		5 - 9		10 - 14		15 - 19		20 - 24		25 - 29		30 - 39		40 - 49		50 - 59		60 +		Missing age/gender	Total
	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M	F	M		
Chlamydia Only Cases							1	1	60	21	53	43	17	22	12	13	1	3		1		2		250
Gonorrhea Only Cases							1		7	6	11	9	6	10	4	28	1	11		2	1	1		99
Syphilis Only Cases														1	1	1		1	1					5
GC and CT Cases							2		9	3	10	3	2	4	1	1		1		1				37
							4	1	76	30	74	55	25	37	18	43	2	16	1	4	1	3		391
HIV													1		2	2	2	2		2	1		1	13

Regional STD Distribution - December 2005

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	149	12	3	5		1		19	1	16		8		11	4	13	25	18		2		287
All Gonorrhea Infections	89		6	4		3	1	2		10			1	2	1	4	8	5				136
All Syphilis Infections	2		1					1		1												5
GC and CT Infections	24		1	1				1		3					2	3	2					37

Missing Investigation Forms (Jan.1 to end of November)	116	28	13	5		3	2	5	2	7		19	2	2	2	3	33	10		1	1	254
---	-----	----	----	---	--	---	---	---	---	---	--	----	---	---	---	---	----	----	--	---	---	-----

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