



## Health

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## Santé

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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	MENINGOCOCCAL 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 FASCITIS	1			***	1	
729.1	NECROTIZING MYOSITIS				***		
323.9	OTHER ENCEPHALITIS			0	0-0		
033.1	PARAPERTUSSIS				***		
002.9	PARATYPHOID			0	0-1		
027.2	PASTURELLA 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.PNEUM.OTHER	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 PARAHAEMOLYTICUS				***		
070.59	VIRAL HEP. OTHER				***		
047.0	VIRAL MENINGITIS-COXSACK			0	0-1		
047.1	VIRAL MENINGITIS-ECHO			0	0-1		
047.8	VIRAL MENINGITIS-ENTERO				***		
054.72	VIRAL MENINGITIS-H.SIMP				***		
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				***		
		<b>207</b>	<b>190</b>			<b>207</b>	<b>190</b>

\* 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					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
				F	P	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 MIA)	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 SEPTIC	3										1						1	3		1		9
038.0	STREPTOCOCCAL SEPTICEMIA																		1				1
013	TUBERCULOSIS - NON- RESP.	2																					2
011	TUBERCULOSIS - RESP.	5																3					8
B96.8	VANCOMYCIN RES. ENTER.	4						1						1									6
		<b>92</b>	<b>6</b>			<b>9</b>	<b>4</b>	<b>9</b>	<b>2</b>	<b>15</b>		<b>8</b>	<b>1</b>	<b>2</b>	<b>6</b>	<b>12</b>	<b>16</b>	<b>8</b>		<b>1</b>		<b>191</b>	
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

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