



#### Health

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Dear Colleague,

Please find attached the Summary of Communicable Diseases for the Month of September 2007. This report reflects the number of cases of reportable communicable diseases for which individuals in Manitoba tested positive\* during the month of September 2007.

#### Communicable Diseases

In total, there were **467** new infections occurring across 29 communicable diseases\*\* (excluding sexually transmitted infections and HIV) in September 2007. The observed numbers of cases were within the expected range for all of the reported communicable diseases with the exception of the following diseases:

- Cryptosporidiosis – 14 cases reported, 0 – 11 cases expected
- MRSA – 220 cases reported, 0 – 212 cases expected
- *Trypanosoma cruzi* – 1 case observed, 0 cases expected

The expected number of cases and accompanying range is based on the number of cases during August, September and October, 2002-2006.

Together MRSA and *Clostridium difficile* accounted for 63.0% of all non-STI/HIV related communicable diseases reported to Manitoba Health. *C. difficile* cases tended to be concentrated in the 60+ age group, while cases of MRSA were reported in all age groups. There were reported 35 cases of West Nile virus to Manitoba Health during September leading to a total thus far for 2007 of 565 WNV positive reports.

#### Sexually Transmitted Infections & Blood-Borne Pathogens

There were **632** cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) in September:

- 471 cases of chlamydia (Ct)
- 89 cases of gonorrhoea (GC)
- 69 GC-Ct co-infections and
- 3 cases of syphilis

Forty-six per cent of all GC and Ct cases in the province were reported among females of age group 15-24 years. More than half of all GC and Ct cases (54%) were reported for individuals living in the Winnipeg Health Region and an additional 30% were from the Burntwood Health Region.

In September, 33 individuals tested positive for Hepatitis C virus (HCV) in Manitoba. Seventy per cent of HCV cases, this month, were reported from the Winnipeg Health Region. About 54% of all HCV positive cases were in the 30-49 year age groups, while 18% of total HCV cases were reported in the age group of

50-59 years. Five Manitobans, in age cohorts that ranged from 15 to 59, tested positive for HIV during September 2007.

\*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)

Leishmaniasis – unspecified (ICD9: 085.9)

Methicillin or vancomycin resistant *Staphylococcus aureus* (MRSA/VRSA)

Penicillin-resistant *Streptococcus pneumoniae* (ICD9: 481.9)

Schistosomiasis (ICD9: 120)

*Streptococcus pneumoniae* – other site (ICD9: 041.2)

*Strongyloides* (ICD9: 127.2)

Vancomycin resistant enterococci (VRE)

Tuberculosis (ICD9: 013, 011, 010 – cases and contacts of tuberculosis are managed by the Provincial Tuberculosis Control Programme located at 315 - 258 Portage Avenue

Please feel free to contact me should you have any questions about this report.

Thank you.

Sincerely,

**Myrna Dyck** BN, MSc

Epidemiologist, Communicable Diseases

Manitoba Health and Healthy Living Surveillance System

**SUMMARY OF COMMUNICABLE DISEASE FOR September 2007**

| ICD9   | DISEASE/INFECTION         | MONTHLY TOTAL |      |           |             | YEAR-TO-DATE |      |
|--------|---------------------------|---------------|------|-----------|-------------|--------------|------|
|        |                           | 2006          | 2007 | Expected* | Ex. Range** | 2006         | 2007 |
| 006.9  | AMEBIASIS                 | 3             | 2    | 2         | 0-5         | 29           | 31   |
| 022    | ANTHRAX                   |               |      |           | ***         | 1            |      |
| 127.0  | ASCARIASIS                |               |      | 0         | 0-0         |              | 1    |
| 005.8  | B. CEREUS                 |               |      | 0         | 0-1         |              | 2    |
| 320.82 | BAC. MENINGITIS - E.COL   |               |      | 0         | 0-0         |              |      |
| 320.0  | BAC. MENINGITIS - HAEM    |               |      | 0         | 0-0         |              |      |
| 320.9  | BAC. MENINGITIS - OTHER   |               |      | 0         | 0-1         |              | 1    |
| 320.1  | BAC. MENINGITIS - PNEUM   |               |      | 0         | 0-1         | 2            | 3    |
| 320.3  | BAC. MENINGITIS - STAPH   |               |      | 0         | 0-0         |              |      |
| 320.2  | BAC. MENINGITIS - STREP   |               |      | 0         | 0-1         |              |      |
| 320.7  | BAC.MENINGITIS-LISTERIA   |               |      |           | ***         |              |      |
| 116.0  | BLASTOMYCOSIS             |               | 1    |           | ***         |              | 18   |
| 005.1  | BOTULISM                  |               |      |           | ***         |              |      |
| 023    | BRUCELLOSIS               |               |      | 0         | 0-0         |              | 1    |
| 005.2  | C. PERFRINGENS            | 1             |      | 1         | 0-6         | 5            | 5    |
| 008.43 | CAMPYLOBACTER             | 30            | 15   | 26        | 16-36       | 177          | 167  |
| 558.2  | CLOSTRIDIUM DIFFICILE     | 92            | 74   |           | ***         | 876          | 768  |
| 046.1  | CREUTZFELD-JACOB DISEASE  | 1             |      |           | ***         | 2            |      |
| 007.8  | CRYPTOSPORIDIOSIS         | 8             | 14   | 4         | 0-11        | 26           | 55   |
| 061.0  | DENGUE FEVER              |               |      | 0         | 0-0         | 2            | 1    |
| 065.4  | DENGUE HEMORRHAGIC FEVER  |               |      | 0         | 0-0         |              |      |
| V02.4  | DIPH.CARRIERS             |               |      | 0         | 0-0         |              |      |
| 032    | DIPHThERIA CASES          |               |      | 0         | 0-0         |              |      |
| 123.4  | DIPHYLLOBOTHRIUM SPP      |               | 1    | 0         | 0-2         | 4            | 12   |
| 008.0  | E. COLI-VEROTOXIGENIC     | 14            | 4    | 12        | 0-35        | 131          | 37   |
| 054.3  | ENCEPHALITIS              |               |      | 0         | 0-0         | 1            |      |
| 005.9  | FOOD POISONING OTHER      |               |      | 0         | 0-2         | 1            |      |
| 007.1  | GIARDIA LAMBLIA           | 10            | 7    | 15        | 5-25        | 103          | 76   |
| 041.5  | H.I.B.-NON MTGS           | 1             |      | 0         | 0-1         | 1            |      |
| 041.59 | HAEM. INFLUENZAE (non-B)  |               |      |           | ***         |              | 7    |
| 480.8  | HANTA VIRUS               |               |      | 0         | 0-0         |              | 1    |
| 283.11 | HEMOLYTIC UREMIC SYNDROME |               |      | 0         | 0-1         |              | 1    |
| 070.1  | HEPATITIS A               |               |      | 1         | 0-3         | 11           | 7    |
| 070.3  | HEPATITIS B               |               | 1    | 1         | 0-3         | 6            | 4    |
| 070.51 | HEPATITIS C               | 33            | 33   | 36        | 24-48       | 235          | 252  |
| 054.8  | HERPES-W-UNSPEC COMPL     |               |      | 0         | 0-0         | 5            | 1    |
| 487.1A | INFLUENZA A               |               |      |           | ***         |              | 70   |
| 487.1B | INFLUENZA B               |               |      |           | ***         |              | 1    |
| A83.0  | JAPANESE ENCEPHALITIS     |               |      |           | ***         |              |      |
| 482.83 | LEGIONELLA                |               |      | 0         | 0-1         | 2            |      |
| 085.9  | LEISHMANIASIS             |               |      | 0         | 0-0         |              |      |
| 030.9  | LEPROSY                   |               |      | 0         | 0-1         | 2            |      |
| 027.0  | LISTERIA MONOCYTOGENES    | 1             |      | 0         | 0-1         | 4            |      |
| 088.81 | LYME DISEASE              |               |      | 0         | 0-1         | 2            | 4    |
| 084    | MALARIA                   | 3             | 2    | 1         | 0-3         | 16           | 11   |
| 055.9  | MEASLES                   |               |      | 0         | 0-0         |              |      |
| 036.0  | MENINGOCOCCAL CSF         |               |      | 0         | 0-1         | 1            |      |
| 036.82 | MENINGOCOCCAL ARTHROPATH  |               |      |           | ***         |              |      |
| 036.2  | MENINGOCOCCAL BLOOD       |               |      | 0         | 0-1         |              |      |
| B95.6  | MRSA                      | 188           | 220  | 97        | 0-212       | 1207         | 1549 |
| 072.9  | MUMPS                     |               | 2    | 0         | 0-2         | 1            | 8    |
| 036.89 | N.MENINGITIDIS OTHER      |               |      | 0         | 0-1         | 2            | 4    |
| 728.86 | NECROTIZING FASCIITIS     | 1             |      | 1         | 0-3         | 15           | 9    |
| 729.1  | NECROTIZING MYOSITIS      |               |      |           | ***         |              |      |
| 323.9  | OTHER ENCEPHALITIS        |               | 1    | 0         | 0-0         |              | 1    |
| 033.1  | PARAPERTUSSIS             |               |      |           | ***         |              |      |

\* 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 |             |
|--------|----------------------------|---------------|------------|-----------|-------------|--------------|-------------|
|        |                            | 2006          | 2007       | Expected* | Ex. Range** | 2006         | 2007        |
| 002.9  | PARATYPHOID                |               |            | 0         | 0-0         |              |             |
| 027.2  | PASTEURELLA MULTOCIDA      |               |            |           | ***         |              |             |
| 033.0  | PERTUSSIS                  | 1             |            | 5         | 0-13        | 8            | 14          |
| 038.2  | PNEUM. SEPTICEMIA          | 6             | 9          | 7         | 0-16        | 90           | 64          |
| 073.9  | PSITTACOSIS                |               |            | 0         | 0-0         |              |             |
| 083.0  | Q FEVER                    |               |            | 0         | 0-1         |              |             |
| 331.81 | REYE'S SYNDROME            |               |            |           | ***         |              |             |
| 391    | RHEUMATIC FEVER            |               |            | 0         | 0-1         |              | 1           |
| 056.9  | RUBELLA                    |               |            | 0         | 0-0         |              | 2           |
| 771.0  | RUBELLA CONGENITAL         |               |            | 0         | 0-0         |              |             |
| 041.2  | S.PNEUM.OTHER              |               |            | 1         | 0-3         |              | 2           |
| 003.0  | SALMONELLA                 | 13            | 20         | 16        | 9-23        | 120          | 173         |
| 120    | SCHISTOSOMIASIS            |               | 1          | 0         | 0-1         | 1            | 1           |
| 004    | SHIGELLOSIS                | 1             | 2          | 2         | 0-5         | 10           | 12          |
| 050.9  | SMALLPOX                   |               |            |           | ***         |              |             |
| 005.0  | STAPHYLOCOCCAL             |               |            | 0         | 0-1         |              |             |
| 785.5  | STAPHYLOCOCCUS AUREUS      |               |            |           | ***         |              | 1           |
| 481.9  | STREP PNEUMONIA - PR       |               |            | 0         | 0-0         |              |             |
| 711.0  | STREP.PNEUM.ARTHRITIS      |               |            | 0         | 0-0         | 1            |             |
| 580.0  | STREPT GLOMERULONEPHRITIS  |               |            | 0         | 0-0         |              |             |
| 040.89 | STREPT TOXIC SHOCK         |               |            | 0         | 0-0         |              |             |
| 481    | STREPTOCOCCUS PNEUMONIAE   |               |            | 0         | 0-1         | 1            | 3           |
| 127.2  | STRONGYLOIDES              | 1             |            | 0         | 0-1         | 5            | 15          |
| 037    | TETANUS                    |               |            | 0         | 0-1         | 1            |             |
| 130.9  | TOXOPLASMOSIS              |               |            | 1         | 0-5         | 1            |             |
| 124    | TRICHINOSIS                |               |            | 0         | 0-0         |              |             |
| 086    | TRYPANOSOMA CRUZI          |               | 1          | 0         | 0-0         |              | 2           |
| 013    | TUBERCULOSIS - NON-RESP.   |               | 4          | 2         | 0-8         | 18           | 14          |
| 011    | TUBERCULOSIS - RESP.       | 4             | 8          | 6         | 0-13        | 59           | 60          |
| 010    | TUBERCULOSIS-PRIM.         |               | 1          | 1         | 0-3         | 13           | 3           |
| 021.9  | TULAREMIA                  |               |            | 0         | 0-1         | 1            | 1           |
| 002.0  | TYPHOID                    |               |            | 0         | 0-0         |              |             |
| 081.9  | TYPHUS                     |               |            | 0         | 0-0         |              |             |
| B96.8  | VANCOMYCIN R. ENTEROCOCCI  |               | 6          |           | ***         | 27           | 39          |
| 005.4  | VIBRIO PARAHAEMOLYTICUS    |               |            |           | ***         |              |             |
| 070.59 | VIRAL HEP. OTHER           |               |            |           | ***         |              |             |
| 047.0  | VIRAL MENINGITIS-COXSACK   | 1             | 1          | 1         | 0-5         | 10           | 6           |
| 047.1  | VIRAL MENINGITIS-ECHO      | 1             | 1          | 4         | 0-11        | 8            | 2           |
| 047.8  | VIRAL MENINGITIS-ENTERO    |               | 1          |           | ***         | 4            | 1           |
| 054.72 | VIRAL MENINGITIS-H SIMP    |               |            | 0         | 0-1         |              |             |
| 047.9  | VIRAL MENINGITIS-UNSPEC    |               |            | 0         | 0-1         |              |             |
| B95.7  | VRSA                       |               |            | 0         | 0-0         |              |             |
| 062.1  | W. EQUINE ENCEPHALITIS     |               |            | 0         | 0-0         |              |             |
| 196    | WNV ASYMPTOMATIC INFECTION |               |            |           | ***         | 1            | 8           |
| 198    | WNV NEUROLOGICAL SYNDROME  | 1             | 1          |           | ***         | 17           | 63          |
| 197    | WNV NON-NEUROLOGICAL SYND  | 2             | 25         |           | ***         | 33           | 453         |
| 066.3  | WNV UNCLASSIFIED           |               | 9          |           | ***         |              | 41          |
| 008.44 | YERSINIA ENTEROCOLITICA    | 2             |            | 1         | 0-3         | 13           | 7           |
|        |                            | <b>419</b>    | <b>467</b> |           |             | <b>3312</b>  | <b>4096</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 September 2007**

| ICD9   | Disease Name              | <1 |   | 1 - 4 |   | 5 - 9 |   | 10 - 14 |   | 15 - 19 |   | 20 - 24 |   | 25 - 29 |   | 30 - 39 |    | 40 - 49 |    | 50 - 59 |   | 60 - 69 |    | 70 - 79 |   | 80 + |   | Missing age/gendr | Total |   |
|--------|---------------------------|----|---|-------|---|-------|---|---------|---|---------|---|---------|---|---------|---|---------|----|---------|----|---------|---|---------|----|---------|---|------|---|-------------------|-------|---|
|        |                           | F  | M | F     | M | F     | M | F       | M | F       | M | F       | M | F       | M | F       | M  | F       | M  | F       | M | F       | M  | F       | M |      |   |                   |       |   |
| 006.9  | AMEBIASIS                 |    |   |       | 1 |       |   |         |   |         |   |         |   |         |   |         |    |         | 1  |         |   |         |    |         |   |      |   |                   |       | 2 |
| 116.0  | BLASTOMYCOSIS             |    |   |       |   |       |   |         | 1 |         |   |         |   |         |   |         |    |         |    |         |   |         |    |         |   |      |   |                   | 1     |   |
| 008.43 | CAMPYLOBACTER             |    |   |       | 1 | 1     |   | 1       | 1 | 1       | 1 |         |   | 2       | 1 |         | 1  |         | 2  | 1       | 1 |         |    |         |   |      |   |                   | 15    |   |
| 558.2  | CLOSTRIDIUM DIFFICILE     |    | 1 |       |   |       |   |         |   |         |   | 3       |   |         | 1 | 2       | 4  | 2       | 5  | 4       | 8 | 7       | 9  | 6       | 9 | 13   |   |                   | 74    |   |
| 007.8  | CRYPTOSPORIDIOSIS         |    |   | 2     | 1 |       | 1 | 2       | 2 |         |   |         | 1 | 2       |   |         |    | 1       |    | 1       |   |         |    | 1       |   |      |   |                   | 14    |   |
| 123.4  | DIPHYLLOBOTHRIUM          |    |   |       |   |       |   |         |   |         |   |         |   | 1       |   |         |    |         |    |         |   |         |    |         |   |      |   |                   | 1     |   |
| 008.0  | E. COLI 0157              |    |   |       |   |       | 1 |         |   |         |   |         |   |         |   |         |    |         | 1  |         | 2 |         |    |         |   |      |   |                   | 4     |   |
| 323.9  | ENCEPHALITIS OTHER        |    |   |       |   |       |   |         |   |         |   |         |   |         |   |         |    |         |    |         |   |         |    |         |   | 1    |   |                   | 1     |   |
| 007.1  | GIARDIA LAMBLIA           |    |   |       | 1 |       |   |         |   |         |   | 3       |   |         |   |         | 1  | 1       |    |         |   |         |    | 1       |   |      |   |                   | 7     |   |
| 070.3  | HEPATITIS B               |    |   |       |   |       |   |         |   |         |   |         |   |         |   |         | 1  |         |    |         |   |         |    |         |   |      |   |                   | 1     |   |
| 070.51 | HEPATITIS C               |    |   |       |   |       |   |         | 1 |         |   | 1       |   | 3       | 2 | 6       | 5  | 5       | 2  | 4       |   | 3       | 1  |         |   |      |   |                   | 33    |   |
| 084    | MALARIA                   |    |   |       |   |       |   |         |   |         |   |         |   |         |   | 1       | 1  |         |    |         |   |         |    |         |   |      |   |                   | 2     |   |
| B95.6  | MRSA                      | 7  | 3 | 4     | 9 | 17    | 9 | 8       | 6 | 6       | 9 | 10      | 7 | 7       | 7 | 12      | 15 | 10      | 11 | 6       | 6 | 8       | 10 | 7       | 9 | 11   | 6 |                   | 220   |   |
| 072.9  | MUMPS                     |    |   | 1     |   |       |   |         |   |         |   |         |   |         |   |         | 1  |         |    |         |   |         |    |         |   |      |   |                   | 2     |   |
| 003.0  | SALMONELLA                |    |   | 1     |   | 2     | 1 |         |   | 1       | 1 |         |   | 1       | 1 | 4       |    | 2       |    | 3       |   | 1       |    | 1       |   | 1    |   |                   | 20    |   |
| 120    | SCHISTOSOMIASIS           |    |   |       |   |       |   |         | 1 |         |   |         |   |         |   |         |    |         |    |         |   |         |    |         |   |      |   |                   | 1     |   |
| 004    | SHIGELLOSIS               |    |   |       |   |       |   |         |   |         |   |         |   |         | 1 | 1       |    |         |    |         |   |         |    |         |   |      |   |                   | 2     |   |
| 038.2  | STREP.PNEUMOCOCCAL SEPTIC |    |   | 1     |   |       |   |         |   |         |   |         |   |         | 1 |         |    | 3       |    | 1       |   | 2       |    | 1       |   |      |   |                   | 9     |   |
| 086    | TRYPANOSOMIASIS           |    |   |       |   |       |   |         |   |         |   |         |   |         |   |         |    |         |    |         | 1 |         |    |         |   |      |   |                   | 1     |   |
| 013    | TUBERCULOSIS - NON-RESP.  |    |   |       |   |       |   | 1       |   |         |   |         | 1 |         |   |         |    |         |    |         |   | 1       |    |         |   | 1    |   |                   | 4     |   |
| 011    | TUBERCULOSIS - RESP.      |    |   |       |   |       |   |         | 1 |         |   | 1       |   |         |   | 2       | 1  | 1       | 1  |         |   |         |    |         |   | 1    |   |                   | 8     |   |
| 010    | TUBERCULOSIS-PRIM.        |    |   |       |   | 1     |   |         |   |         |   |         |   |         |   |         |    |         |    |         |   |         |    |         |   |      |   |                   | 1     |   |
| B96.8  | VANCOMYCIN RES. ENTER.    |    |   |       |   |       |   |         |   |         |   |         |   |         |   |         |    |         |    |         | 1 | 3       |    | 1       | 1 |      |   |                   | 6     |   |
| 047.0  | VIRAL MENINGITIS-COXSACK  | 1  |   |       |   |       |   |         |   |         |   |         |   |         |   |         |    |         |    |         |   |         |    |         |   |      |   |                   | 1     |   |
| 047.1  | VIRAL MENINGITIS-ECHO     |    |   |       |   |       |   |         |   |         |   |         |   | 1       |   |         |    |         |    |         |   |         |    |         |   |      |   |                   | 1     |   |
| 047.8  | VIRAL MENINGITIS-ENTERO   |    | 1 |       |   |       |   |         |   |         |   |         |   |         |   |         |    |         |    |         |   |         |    |         |   |      |   |                   | 1     |   |

**SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR September 2007**

| 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 |           |  |           |     |         |       |
| 006.9  | AMEBIASIS                     | 1        |         |           | 1  |           |    |           |   |         |    |             |   |          |    |        |   |           |  |           |     |         | 2     |
| 116.0  | BLASTOMYCOSIS                 | 1        |         |           |    |           |    |           |   |         |    |             |   |          |    |        |   |           |  |           |     |         | 1     |
| 008.43 | CAMPYLOBACTER                 | 7        |         |           | 4  |           | 1  |           |   |         |    | 2           | 1 |          |    |        |   |           |  |           |     |         | 15    |
| 558.2  | CLOSTRIDIUM DIFFICILE         | 49       | 3       | 6         |    |           | 5  | 3         |   |         | 2  | 2           |   | 1        |    | 3      |   |           |  |           |     |         | 74    |
| 007.8  | CRYPTOSPORIDIOSIS             | 5        | 2       |           | 1  |           | 2  | 4         |   |         |    |             |   |          |    |        |   |           |  |           |     |         | 14    |
| 123.4  | DIPHYLLOBOTHRIUM              | 1        |         |           |    |           |    |           |   |         |    |             |   |          |    |        |   |           |  |           |     |         | 1     |
| 008.0  | E. COLI 0157                  |          |         | 2         | 1  |           |    |           |   |         |    |             |   |          |    | 1      |   |           |  |           |     |         | 4     |
| 323.9  | ENCEPHALITIS OTHER            | 1        |         |           |    |           |    |           |   |         |    |             |   |          |    |        |   |           |  |           |     |         | 1     |
| 007.1  | GIARDIA LAMBLIA               | 3        |         |           |    |           |    |           | 3 |         | 1  |             |   |          |    |        |   |           |  |           |     |         | 7     |
| 070.3  | HEPATITIS B                   |          |         |           |    |           |    |           | 1 |         |    |             |   |          |    |        |   |           |  |           |     |         | 1     |
| 070.51 | HEPATITIS C                   | 18       |         | 1         |    | 3         | 1  | 3         |   | 2       | 1  | 1           | 1 |          | 1  |        |   |           |  | 1         |     | 1       | 33    |
| 084    | MALARIA                       | 2        |         |           |    |           |    |           |   |         |    |             |   |          |    |        |   |           |  |           |     |         | 2     |
| B95.6  | MRSA                          | 61       | 1       | 5         | 3  | 1         | 7  | 2         |   | 6       | 2  | 3           | 5 | 18       | 98 | 7      |   |           |  |           |     | 1       | 220   |
| 072.9  | MUMPS                         | 1        |         | 1         |    |           |    |           |   |         |    |             |   |          |    |        |   |           |  |           |     |         | 2     |
| 003.0  | SALMONELLA                    | 10       | 1       |           | 3  |           | 1  | 3         |   | 1       |    |             |   |          |    |        |   | 1         |  |           |     |         | 20    |
| 120    | SCHISTOSOMIASIS               | 1        |         |           |    |           |    |           |   |         |    |             |   |          |    |        |   |           |  |           |     |         | 1     |
| 004    | SHIGELLOSIS                   | 2        |         |           |    |           |    |           |   |         |    |             |   |          |    |        |   |           |  |           |     |         | 2     |
| 038.2  | STREP.PNEUMOCOCCAL SE<br>PTIC | 3        | 1       |           |    |           |    | 1         |   | 2       |    |             |   | 1        |    | 1      |   |           |  |           |     |         | 9     |
| 086    | TRYPANOSOMIASIS               |          |         |           | 1  |           |    |           |   |         |    |             |   |          |    |        |   |           |  |           |     |         | 1     |
| 013    | TUBERCULOSIS - NON-RESP.      | 2        |         | 1         |    |           |    |           |   |         |    |             |   |          |    | 1      |   |           |  |           |     |         | 4     |
| 011    | TUBERCULOSIS - RESP.          | 3        |         |           |    |           |    |           |   |         |    |             |   |          |    | 5      |   |           |  |           |     |         | 8     |
| 010    | TUBERCULOSIS-PRIM.            |          |         |           |    |           |    |           |   |         |    |             |   |          |    | 1      |   |           |  |           |     |         | 1     |
| B96.8  | VANCOMYCIN RES. ENTER.        | 4        |         |           |    |           |    |           |   |         |    | 1           | 1 |          |    |        |   |           |  |           |     |         | 6     |
| 047.0  | VIRAL MENINGITIS-COXSACK      | 1        |         |           |    |           |    |           |   |         |    |             |   |          |    |        |   |           |  |           |     |         | 1     |
| 047.1  | VIRAL MENINGITIS-ECHO         |          |         |           |    |           |    |           |   |         |    |             | 1 |          |    |        |   |           |  |           |     |         | 1     |
| 047.8  | VIRAL MENINGITIS-ENTERO       | 1        |         |           |    |           |    |           |   |         |    |             |   |          |    |        |   |           |  |           |     |         | 1     |
| 196    | WNV Asymptomatic Infectio     | 1        |         | 1         | 1  | 1         | 1  | 1         |   | 3       |    |             |   |          |    |        |   |           |  |           |     |         | 8     |
| 198    | WNV Neurological Syndrome     | 24       | 5       | 2         | 2  | 4         | 6  |           |   | 18      | 2  |             |   |          |    |        |   |           |  |           |     |         | 63    |
| 197    | WNV Non-Neurological Synd     | 82       | 64      | 18        | 24 | 33        | 92 |           |   | 126     | 14 |             |   |          |    |        |   |           |  |           |     |         | 453   |
| 066.3  | WNV Unclassified              | 22       | 4       |           | 1  | 2         | 8  |           |   | 4       |    |             |   |          |    |        |   |           |  |           |     |         | 41    |

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

## STD Infection Summary Report - September 2007

| DISEASE/INFECTION                                 | MONTHLY TOTAL |      | YEAR-TO-DATE |      |
|---|---------------|------|--------------|------|
|   | 2006          | 2007 | 2006         | 2007 |
| All Chlamydia Infections                          | 366           | 540  | 3147         | 3815 |
| All Gonorrhoea Infections (including PRNG)        | 137           | 158  | 1224         | 1093 |
| All Syphilis Infections                           | 5             | 3    | 35           | 34   |
| Gonorrhoea & Chlamydia Co-infections              | 46            | 69   | 381          | 435  |
| Penicillin Resistant Gonorrhoea Infections (PRNG) |               |      |              |      |
| Suspect PRNG                                      |               |      |              |      |
| HIV   | 10            | 5    | 62           | 60   |

## Total Number of STD Cases by Age and Gender - September 2007

| Disease Name          | <1 |   | 1 - 4 |   | 5 - 9 |   | 10 - 14 |   | 15 - 19 |    | 20 - 24 |    | 25 - 29 |    | 30 - 39 |    | 40 - 49 |    | 50 - 59 |   | 60 - 69 |   | 70 - 79 |   | 80 + |   | Missing age/gendr | Total |
|-----------------------|----|---|-------|---|-------|---|---------|---|---------|----|---------|----|---------|----|---------|----|---------|----|---------|---|---------|---|---------|---|------|---|-------------------|-------|
|                       | F  | M | F     | M | F     | M | F       | M | F       | M  | F       | M  | F       | M  | F       | M  | F       | M  | F       | M | F       | M | F       | M | F    | M |                   |       |
| Chlamydia Only Cases  |    |   | 1     |   |       |   | 3       |   | 115     | 33 | 108     | 49 | 44      | 33 | 37      | 24 | 6       | 7  | 5       | 1 | 4       | 1 |         |   |      |   |                   | 471   |
| Gonorrhoea Only Cases |    |   | 1     |   |       |   | 1       | 1 | 14      | 6  | 14      | 12 | 6       | 8  | 6       | 10 | 3       | 5  |         | 1 |         | 1 |         |   |      |   |                   | 89    |
| Syphilis Only Cases   |    |   |       |   |       |   |         |   |         |    |         |    |         |    | 1       |    |         | 1  |         |   |         |   |         |   |      |   |                   | 3     |
| GC and CT Cases       |    |   |       |   |       |   |         |   | 18      | 4  | 19      | 6  | 6       | 5  | 3       | 4  |         | 4  |         |   |         |   |         |   |      |   |                   | 69    |
|                       |    |   | 2     |   |       |   | 4       | 1 | 147     | 43 | 141     | 67 | 56      | 46 | 47      | 38 | 9       | 17 | 5       | 3 | 4       | 2 |         |   |      |   |                   | 632   |
| HIV                   |    |   |       |   |       |   |         |   |         |    | 1       |    |         |    |         | 1  | 1       |    | 1       |   | 1       |   |         |   |      |   |                   | 5     |

## Regional STD Distribution - September 2007

| 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  | 243      | 32      | 3         | 13 |           | 9 | 11        | 8 |         | 31 |             | 9 | 2        | 29 | 17     | 19 | 79        | 34 |           |     | 1       | 540   |
| All Gonorrhoea Infections | 76       | 1       | 2         | 2  |           | 1 | 5         | 2 |         | 8  |             | 2 |          | 5  | 2      | 7  | 39        | 6  |           |     |         | 158   |
| All Syphilis Infections   | 3        |         |           |    |           |   |           |   |         |    |             |   |          |    |        |    |           |    |           |     |         | 3     |
| GC and CT Infections      | 22       | 1       |           | 1  |           |   | 3         | 1 |         | 5  |             | 1 |          | 2  |        | 3  | 25        | 5  |           |     |         | 69    |