

Manitoba Monthly Surveillance Unit Report

Reported up to January 31, 2013

Highlights:

1. Antimicrobial Resistant Organisms

Together Methicillin-resistant *Staphylococcus aureus* (MRSA) and *Clostridium difficile* (*C. difficile*) accounted for 36% of all non-STBBI related communicable diseases reported to Manitoba Health during January 2013.

2. Sexually Transmitted & Blood-Borne Infections (STBBI)

There were 693 reported cases of sexually transmitted infections (chlamydia, gonorrhoea, and syphilis) in January 2013:

- 561 reported cases of chlamydia (CT) only
- 69 reported cases of gonorrhoea (GC) only
- 55 reported co-infections of CT and GC and
- 8 reported cases of syphilis

Chlamydia has the highest incidence of reported STBBI. Females between the ages of 15 and 24 years comprised 45% of all reported chlamydia cases in the province.

Syphilis cases include both infectious and non-infectious cases, as well as those requiring further follow-up to determine their status.

In January 2013, there were no acute cases of Hepatitis B virus (HBV), 27 cases of Hepatitis C virus (HCV) and 12 cases of HIV newly reported in Manitoba.

3. Other Communicable Diseases

The number of reported cases in January 2013 was within or below the statistically expected range for these reported communicable diseases with the exception of the following disease(s):

- Necrotizing fasciitis: 5 positive lab-confirmed cases reported; less than 5 expected in an average month.
- *Trypanosoma cruzi*: 1 positive lab-confirmed case reported; less than 1 expected in an average month.
- Tuberculosis – Primary: 4 cases reported; less than 4 expected in an average month. The increased number of cases is attributable to a community cluster in northern Manitoba.
- Tuberculosis – Respiratory: 14 cases reported; less than 13 expected in an average month. The increased number of cases is attributable to a community cluster in northern Manitoba.

The expected number of cases and range is statistically based on the number of reported cases during December 2007-2011, January 2008-2012, and February 2008-2012.

Explanatory Notes:

General:

Each monthly communicable disease report includes the number of cases of notifiable communicable diseases reported by lab or health provider during each individual month. 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 as symptom onset date is frequently not recorded. Some discrepancy of numbers may be based on reporting delays.

The observed numbers of cases are compared to the statistically expected range for each reportable communicable disease. This involves comparing the current month's case counts to the average case counts for the same month, one month subsequent and one month prior for the previous five years. These same months over the five years are used to determine the expected range of cases using the statistical calculation of standard deviation. Using this specific monthly pattern allows for adjustment within the statistics for both seasonality and cyclical disease patterns.

The year-to-date case counts are based on the calendar year.

The disease data reported in the monthly report has not been analyzed for severity or associated deaths at this time.

Disease specific information:

Methicillin-resistant *Staphylococcus aureus* (MRSA) positive results within Manitoba include both individuals who are symptomatic of infection and colonized individuals who have no symptoms and are mostly diagnosed during admission screening activities at facilities. If facilities increase their screening activities, it would usually result in a rise in colonized MRSA cases.

A new case of Hepatitis C Virus (HCV) infection is defined as a first positive test for an identifiable individual.

A new case of Human Immunodeficiency Virus (HIV) infection is defined as a positive test with a unique code that has not been previously linked to a positive test result in Manitoba. Positive HIV tests included in this month's statistics include both nominal and non-nominal testing results.

The number of Tuberculosis cases year-to-date may not equal the sum of cases reported for each month of this year. As new test results are received, there may be a change in diagnosis. Occasionally, diagnosis dates are updated, which also contributes to total numbers varying from month to month.

SUMMARY OF COMMUNICABLE DISEASE FOR January 2013

| ICD9 | DISEASE/INFECTION | MONTHLY TOTAL | | | | YEAR-TO-DATE | |
|--------|------------------------------|---------------|------|-----------|-------------|--------------|------|
| | | 2012 | 2013 | Expected* | Ex. Range** | 2012 | 2013 |
| 006.9 | AMEBIASIS | 2 | 3 | 3 | 0-7 | 2 | 3 |
| 022 | ANTHRAX | | | | *** | | |
| 127.0 | ASCARIASIS | | | 0 | 0-0 | | |
| 005.8 | B. CEREUS | | | 0 | 0-0 | | |
| 320.1 | BAC. MENINGITIS - PNEUM | | 2 | 0 | 0-1 | | 2 |
| 320.7 | BAC.MENINGITIS-LISTERIA | | | | *** | | |
| 038.0 | BETA STREP SEPTICEMIA | 12 | 18 | | *** | 12 | 18 |
| 116.0 | BLASTOMYCOSIS | 2 | 1 | | *** | 2 | 1 |
| 005.1 | BOTULISM | | | | *** | | |
| 023 | BRUCELLOSIS | | | 0 | 0-1 | | |
| 005.2 | C. PERFRINGENS | | | 0 | 0-1 | | |
| 008.43 | CAMPYLOBACTER | 15 | 16 | 14 | 6-22 | 15 | 16 |
| 558.2 | CLOSTRIDIUM DIFFICILE | 79 | 73 | | *** | 79 | 73 |
| 046.1 | CREUTZFELD-JACOB DISEASE | | | | *** | | |
| 007.8 | CRYPTOSPORIDIOSIS | | 1 | 1 | 0-3 | | 1 |
| 061.0 | DENGUE FEVER | | 2 | 0 | 0-1 | | 2 |
| 065.4 | DENGUE HEMORRHAGIC FEVER | | | 0 | 0-0 | | |
| V02.4 | DIPH.CARRIERS | | | 0 | 0-2 | | |
| 032 | DIPHtheria CASES | | | 0 | 0-1 | | |
| 123.4 | DIPHYLLOBOTHRIUM SPP | | 1 | 1 | 0-3 | | 1 |
| 008.0 | E. COLI-VEROTOXIGENIC | 4 | 2 | 3 | 0-6 | 4 | 2 |
| 054.3 | ENCEPHALITIS | | | 0 | 0-0 | | |
| 005.9 | FOOD POISONING OTHER | | | 0 | 0-0 | | |
| 007.1 | GIARDIA LAMBLIA | 6 | 9 | 7 | 2-12 | 6 | 9 |
| 038.42 | H.INFLUENZAE (BLOOD) | 3 | | | *** | 3 | |
| 320.0 | H.INFLUENZAE (CSF) | 1 | | 0 | 0-1 | 1 | |
| 041.5 | H.INFLUENZAE (OTHER STERILE) | | | 0 | 0-1 | | |
| 480.8 | HANTA VIRUS | | | 0 | 0-0 | | |
| 283.11 | HEMOLYTIC UREMIC SYNDROME | | | 0 | 0-0 | | |
| 070.1 | HEPATITIS A | | | 0 | 0-1 | | |
| 070.3 | HEPATITIS B | | | 0 | 0-1 | | |
| 070.51 | HEPATITIS C | 39 | 27 | 26 | 12-40 | 39 | 27 |
| 487.1A | INFLUENZA A | 6 | 359 | | *** | 6 | 359 |
| 487.1B | INFLUENZA B | 2 | 21 | | *** | 2 | 21 |
| 482.83 | LEGIONELLA | | | 0 | 0-1 | | |
| 085.9 | LEISHMANIASIS | | | 0 | 0-0 | | |
| 030.9 | LEPROSY | | | 0 | 0-0 | | |
| 027.0 | LISTERIA MONOCYTOGENES | | | 0 | 0-1 | | |
| 088.81 | LYME DISEASE | | | 0 | 0-1 | | |
| 084 | MALARIA | | 1 | 1 | 0-3 | | 1 |
| 055.9 | MEASLES | | | 0 | 0-0 | | |
| 036.0 | MENINGOCOCCAL CSF | | 1 | 0 | 0-1 | | 1 |
| 036.82 | MENINGOCOCCAL ARTHROPATHY | | | | *** | | |
| 036.2 | MENINGOCOCCEMIA BLOOD | | | 0 | 0-1 | | |
| B95.6 | MRSA | 260 | 302 | 220 | 138-302 | 260 | 302 |
| 072.9 | MUMPS | 5 | | 1 | 0-4 | 5 | |
| 036.89 | N.MENINGITIDIS OTHER | | | 0 | 0-1 | | |
| 728.86 | NECROTIZING FASCIITIS | | 5 | 1 | 0-4 | | 5 |
| 729.1 | NECROTIZING MYOSITIS | | | | *** | | |
| 323.9 | OTHER ENCEPHALITIS | | | 0 | 0-0 | | |
| 033.1 | PARAPERTUSSIS | | | | *** | | |
| 033.0 | PERTUSSIS | 1 | | 1 | 0-5 | 1 | |
| 038.2 | PNEUM. SEPTICEMIA | 16 | 17 | 11 | 1-21 | 16 | 17 |
| 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.

SUMMARY OF COMMUNICABLE DISEASE FOR January 2013

| ICD9 | DISEASE/INFECTION | MONTHLY TOTAL | | | | YEAR-TO-DATE | |
|---------|----------------------------|---------------|-------------|-----------|-------------|--------------|-------------|
| | | 2012 | 2013 | Expected* | Ex. Range** | 2012 | 2013 |
| 083.0 | Q FEVER | | 1 | 0 | 0-1 | | 1 |
| A82.9 | RABIES | | | | *** | | |
| 082.0 | RICKETTSIA RICKETTSII | | | | *** | | |
| 083.9 | RICKETTSIAL DISEASE, OTHER | | | 0 | 0-0 | | |
| 056.9C | RUBELLA (confirmed) | | | 0 | 0-1 | | |
| 771.0 | RUBELLA CONGENITAL | | | 0 | 0-0 | | |
| 041.2 | S.PNEUM.OTHER | 2 | 1 | 1 | 0-3 | 2 | 1 |
| 003.0 | SALMONELLA | 16 | 20 | 19 | 8-30 | 16 | 20 |
| 079.82 | SARS (CORONAVIRUS) | | | | *** | | |
| 079.99 | SEVERE RESPIRATORY ILLNESS | | | | *** | | |
| 004 | SHIGELLOSIS | 2 | 2 | 3 | 0-6 | 2 | 2 |
| 050.9 | SMALLPOX | | | | *** | | |
| 005.0 | STAPH FOOD POISON | | | 0 | 0-0 | | |
| 785.5 | STAPH TOXIC SHOCK | | | | *** | | |
| 481.9 | STREP PNEUMONIA - PR | | | 0 | 0-0 | | |
| 041.1 | STREP PYOGENES - OTHER | 7 | 3 | | *** | 7 | 3 |
| 711.0 | STREP.PNEUM.ARTHRITIS | | | 0 | 0-0 | | |
| 580.0 | STREPT GLOMERULONEPHRITIS | | | 0 | 0-0 | | |
| 040.89 | STREPT TOXIC SHOCK | | | 0 | 0-1 | | |
| 481 | STREPTOCOCCUS PNEUMONIAE | | | 0 | 0-1 | | |
| 127.2 | STRONGYLOIDES | | 2 | 2 | 0-6 | | 2 |
| 037 | TETANUS | | | 0 | 0-0 | | |
| 130.9 | TOXOPLASMOSIS | | | 0 | 0-1 | | |
| 124 | TRICHINOSIS | | | 0 | 0-0 | | |
| 086 | TRYPANOSOMA CRUZI | | 1 | 0 | 0-0 | | 1 |
| 013-012 | TUBERCULOSIS - NON-RESP. | | 1 | 2 | 0-4 | | 1 |
| 010 | TUBERCULOSIS - PRIM. | 1 | 4 | 1 | 0-3 | 1 | 4 |
| 011-012 | TUBERCULOSIS - RESP | 8 | 14 | 6 | 0-12 | 8 | 14 |
| 021.9 | TULAREMIA | | | 0 | 0-0 | | |
| 002.0 | TYPHOID | 1 | | 0 | 0-1 | 1 | |
| 081.9 | TYPHUS | | | 0 | 0-0 | | |
| B96.8 | VANCOMYCIN R. ENTEROCOCCI | 145 | 124 | | *** | 145 | 124 |
| 005.4 | VIBRIO PARAHAEMOLYTICUS | | | | *** | | |
| 070.59 | VIRAL HEP. OTHER | | | | *** | | |
| B95.7 | VRSA | | | 0 | 0-0 | | |
| 062.1 | W. EQUINE ENCEPHALITIS | | | 0 | 0-0 | | |
| 066.41 | WNV NEUROLOGICAL | | | | *** | | |
| 008.44 | YERSINIA ENTEROCOLITICA | 4 | | 1 | 0-4 | 4 | |
| | | 639 | 1034 | | | 639 | 1034 |

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

** Mean +/- 2 standard deviations of the mean.

*** Data collected for less than 5 years.

SUMMARY OF COMMUNICABLE DISEASE BY AGE AND GENDER FOR JANUARY 2013

| 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/Gender | Total | |
|---------|---------------------------|----|----|-----|----|-----|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-------|----|-----|----|--------------------|-------------|---|
| | | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | F | M | | | |
| 006.9 | AMEBIASIS | | 1 | | | | | | | | | | | 1 | | 1 | | | | | | | | | | | | | | 3 |
| 320.1 | BAC. MENINGITIS - PNEUM | | | | 1 | | | | | | | | | | | | | | | | | 1 | | | | | | | 2 | |
| 036.0 | BAC.MGTS-NMGTS(MGCCL MGTS | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| 038.0 | BETA STREP SEPTICEMIA | | 1 | | | | | | 1 | | | | | 1 | | | | 2 | | 4 | 2 | 2 | 1 | 1 | | 1 | 2 | | 18 | |
| 116.0 | BLASTOMYCOSIS | | | | | | | | | | | | | | | | | | | | | | | 1 | | | | | 1 | |
| 008.43 | CAMPYLOBACTER | 1 | | | 2 | 3 | | | | | | | 2 | 1 | | 1 | 1 | 2 | | | 1 | 1 | | | 1 | | | | 16 | |
| 558.2 | CLOSTRIDIUM DIFFICILE | 1 | 1 | 2 | 1 | 1 | | | | 2 | | | 2 | | 2 | | 4 | 3 | 5 | 1 | 7 | 1 | 5 | 2 | 7 | 8 | 14 | 4 | 73 | |
| 007.8 | CRYPTOSPORIDIOSIS | | | | 1 | | | | | | | | | | | | | | | | | | | | | | | | 1 | |
| 061.0 | DENGUE FEVER | | | | | | | | | | | | | 1 | | | | | 1 | | | | | | | | | | 2 | |
| 123.4 | DIPHYLLOBOTHRIUM | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | 1 | |
| 008.0 | E. COLI 0157 | | | | | | | | | | | 1 | | | | 1 | | | | | | | | | | | | | 2 | |
| 007.1 | GIARDIA LAMBLIA | | | | 3 | | 2 | | | | | | | 1 | | 1 | | 2 | | | | | | | | | | | 9 | |
| 070.51 | HEPATITIS C | | | | | | | | | | | | 2 | 1 | 1 | 6 | 1 | 3 | 4 | 2 | 5 | | 1 | | | 1 | | | 27 | |
| 487.1A | INFLUENZA A | 6 | 10 | 21 | 16 | 10 | 12 | 6 | 9 | 10 | 7 | 5 | 8 | 8 | 5 | 5 | 4 | 17 | 13 | 21 | 13 | 11 | 12 | 14 | 16 | 61 | 39 | | 359 | |
| 487.1B | INFLUENZA B | | 1 | | 2 | | | 1 | | | | | | 3 | 1 | | 1 | 2 | 2 | | 2 | 1 | 1 | 2 | | 1 | 1 | | 21 | |
| 084 | MALARIA | | | | | | | | | | | | 1 | | | | | | | | | | | | | | | | 1 | |
| B95.6 | MRSA | 6 | 13 | 21 | 17 | 3 | 9 | 7 | 11 | 10 | 12 | 6 | 8 | 8 | 9 | 17 | 22 | 20 | 14 | 15 | 19 | 8 | 13 | 8 | 11 | 8 | 7 | | 302 | |
| 728.86 | NECROTIZING FASCIITIS | | | | | | | | | | | | | | | 1 | | | 1 | 1 | 1 | | 1 | | | | | | 5 | |
| 038.2 | PNEUM. SEPTICEMIA | | | 1 | | | | | | 1 | 2 | | 2 | | | 3 | 1 | | 1 | 2 | | 2 | | | | 2 | | | 17 | |
| 083.0 | Q. FEVER | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | 1 | |
| 003.0 | SALMONELLA | | | | 2 | | | | 2 | | 2 | | 1 | 1 | | | 2 | 1 | 1 | 2 | 1 | 1 | | 1 | 1 | 2 | | | 20 | |
| 004 | SHIGELLOSIS | | | 1 | | | | | | | | | | | | 1 | | | | | | | | | | | | | 2 | |
| 041.1 | STREP PYOGENES - OTHER ST | | | | | | | | 1 | | | | | | | | | | 1 | | 1 | | | | | | | | 3 | |
| 041.2 | STREP.PNEUM.OTHER | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | | 1 | |
| 127.2 | STRONGYLOIDIASIS | | | 1 | | | | | | | | | 1 | | | | | | | | | | | | | | | | 2 | |
| 013-018 | TUBERCULOSIS - NON-RESP. | | | | | | | | | | | | | | | | | 1 | | | | | | | | | | | 1 | |
| 010 | TUBERCULOSIS - PRIM. | | | 1 | 2 | 1 | | | | | | | | | | | | | | | | | | | | | | | 4 | |
| 011-012 | TUBERCULOSIS - RESP | | | | | | | | | 1 | | 5 | 1 | 1 | 3 | 1 | | | 1 | | | | 1 | | | | | | 14 | |
| 086 | TRYPANOSOMIASIS | | | | | | | | | | | | | | | | | | | | 1 | | | | | | | | 1 | |
| B96.8 | VANCOMYCIN RES. ENTER. | | | 1 | | | | | | | | 2 | 1 | 1 | | 4 | 6 | 4 | 5 | 1 | 7 | 11 | 16 | 13 | 16 | 19 | 17 | | 124 | |
| | | 14 | 27 | 50 | 47 | 18 | 23 | 14 | 24 | 22 | 23 | 18 | 29 | 31 | 18 | 43 | 46 | 59 | 47 | 55 | 56 | 40 | 51 | 48 | 53 | 108 | 70 | | 1034 | |

SUMMARY OF COMMUNICABLE DISEASE BY REGION (RHA) FOR JANUARY 2013

| 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 | | | | | | |
| <i>Case Referred to:*</i> | | | | | | | | | | | | | | | | | | | | | | | |
| 006.9 | AMEBIASIS | 2 | | | | 1 | | | | | | | | | | | | | | | | | 3 |
| 320.1 | BAC. MENINGITIS - PNEUM | 2 | | | | | | | | | | | | | | | | | | | | | 2 |
| 036.0 | BAC.MGTS-NMGTS(MGCCL MGTS) | | | | | | | | | 1 | | | | | | | | | | | | | 1 |
| 038.0 | BETA STREP SEPTICEMIA | 12 | 1 | | | 1 | | | | | | 1 | | | | | | 3 | | | | | 18 |
| 116.0 | BLASTOMYCOSIS | 1 | | | | | | | | | | | | | | | | | | | | | 1 |
| 008.43 | CAMPYLOBACTER | 7 | 2 | | | 2 | | | | 4 | | | | | | | | 1 | | | | | 16 |
| 558.2 | CLOSTRIDIUM DIFFICILE | 40 | 4 | | | 3 | | 7 | | 5 | | 6 | | 3 | | 3 | | | | 2 | | | 73 |
| 007.8 | CRYPTOSPORIDIOSIS | | 1 | | | | | | | | | | | | | | | | | | | | 1 |
| 061.0 | DENGUE FEVER | 2 | | | | | | | | | | | | | | | | | | | | | 2 |
| 123.4 | DIPHYLLOBOTHRIUM | 1 | | | | | | | | | | | | | | | | | | | | | 1 |
| 008.0 | E. COLI 0157 | 2 | | | | | | | | | | | | | | | | | | | | | 2 |
| 007.1 | GIARDIA LAMBLIA | 6 | 1 | | | | | 1 | | 1 | | | | | | | | | | | | | 9 |
| 070.51 | HEPATITIS C | 19 | 1 | | | 1 | 2 | | | | | 1 | | 1 | | | | 2 | | | | | 27 |
| 487.1A | INFLUENZA A | 114 | 11 | 5 | 7 | 5 | 2 | 22 | | 54 | 1 | 32 | 6 | 40 | | 6 | 44 | 10 | | | | | 359 |
| 487.1B | INFLUENZA B | 8 | | | 1 | 3 | | | | 4 | | 1 | 2 | 2 | | | | | | | | | 21 |
| 084 | MALARIA | 1 | | | | | | | | | | | | | | | | | | | | | 1 |
| B95.6 | MRSA | 105 | 1 | 1 | 1 | 2 | 6 | 4 | | 7 | 2 | 6 | 1 | 9 | 5 | 21 | 115 | 16 | | | | | 302 |
| 728.86 | NECROTIZING FASCIITIS | 3 | | | | | | | | 1 | | | | | | | | | | 1 | | | 5 |
| 038.2 | PNEUM. SEPTICEMIA | 8 | 1 | | 2 | 1 | | | | | | | | | | 1 | 4 | | | | | | 17 |
| 083.0 | Q. FEVER | | | | | | | | | | | | | | | 1 | | | | | | | 1 |
| 003.0 | SALMONELLA | 12 | 2 | | | 1 | | 2 | | | | 2 | | | | 1 | | | | | | | 20 |
| 004 | SHIGELLOSIS | | | | | | | | | | | | | | | 2 | | | | | | | 2 |
| 041.1 | STREP PYOGENES - OTHER ST | 2 | | | | | | | | | | | | | | | | 1 | | | | | 3 |
| 041.2 | STREP.PNEUM.OTHER | | | | | | | | | | | | | 1 | | | | | | | | | 1 |
| 127.2 | STRONGYLOIDIASIS | 1 | | | | | | | | 1 | | | | | | | | | | | | | 2 |
| 013-018 | TUBERCULOSIS - NON-RESP. | | | | | | | | | | | | | | | | | 1 | | | | | 1 |
| 010 | TUBERCULOSIS - PRIM. | 1 | | | | | | | | | | | | | | | | 3 | | | | | 4 |
| 011-012 | TUBERCULOSIS - RESP | 3 | 1 | | | 1 | | | | | | | | | | | | 9 | | | | | 14 |
| 086 | TRYPANOSOMIASIS | | | | | 1 | | | | | | | | | | | | | | | | | 1 |
| B96.8 | VANCOMYCIN RES. ENTER. | 82 | | | 3 | 9 | | 12 | | 4 | | 3 | | 4 | | 2 | | 5 | | | | | 124 |
| | | 434 | 26 | 6 | 14 | 31 | 10 | 48 | 1 | 81 | 3 | 52 | 9 | 60 | 7 | 35 | 183 | 31 | 3 | | | | 1034 |

* F=Federal Jurisdiction (First Nations and Inuit Health); P=Provincial Jurisdiction

** OOP=Out of Province

STBBI Infection Summary Report - January 2013

| DISEASE/INFECTION | MONTHLY TOTAL | | YEAR-TO-DATE | |
|---|---------------|------|--------------|------|
| | 2012 | 2013 | 2012 | 2013 |
| All Chlamydia Infections | 608 | 616 | 608 | 616 |
| All Gonorrhea Infections (including PRNG) | 106 | 124 | 106 | 124 |
| All Syphilis Infections* | 10 | 8 | 10 | 8 |
| Gonorrhea & Chlamydia Co-infections | 46 | 55 | 46 | 55 |
| HIV | 6 | 12 | 6 | 12 |

Total Number of STBBI Cases by Age and Gender - January 2013

| 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/gender | 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 | | | | |
| Chlamydia Only Cases | | | | | | | 6 | 2 | 125 | 47 | 127 | 66 | 60 | 34 | 45 | 30 | 11 | 3 | 4 | 1 | | | | | | | | 561 |
| Gonorrhea Only Cases | | | | | | | 2 | | 12 | 4 | 10 | 12 | 7 | 4 | 6 | 6 | 2 | 3 | | | | 1 | | | | | | 69 |
| Syphilis Only Cases | | | | | | | | | | | 1 | 1 | | | 1 | 2 | 1 | 1 | | | | 1 | | | | | | 8 |
| GC and CT Cases | | | | | | | | 1 | 14 | 3 | 12 | 8 | 5 | 6 | 3 | 3 | | | | | | | | | | | | 55 |
| TOTAL | | | | | | | 8 | 3 | 151 | 54 | 150 | 87 | 72 | 44 | 55 | 41 | 14 | 7 | 4 | 1 | | 2 | | | | | | 693 |
| HIV | | | | | | | | | | | | 2 | 1 | 1 | | 2 | 2 | | 1 | 3 | | | | | | | | 12 |

Regional STBBI Distribution - January 2013

| 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 | | | | | | | |
| Case Referred to:** | | | | | | | | | | | | | | | | | | | | | | | |
| All Chlamydia Infections | 271 | 30 | 19 | 10 | 1 | 9 | 12 | 26 | 5 | 30 | | 20 | 4 | 16 | 10 | 28 | 88 | 28 | | 9 | | | 616 |
| All Gonorrhea Infections | 64 | 3 | 5 | 2 | | | 2 | 2 | | 6 | | | 1 | 3 | 1 | 5 | 23 | 7 | | | | | 124 |
| All Syphilis Infections | 5 | | | | | 1 | | 1 | | 1 | | | | | | | | | | | | | 8 |
| GC and CT Infections | 30 | | 4 | | | | 1 | 1 | | 3 | | | 1 | 1 | | 3 | 11 | | | | | | 55 |

* Syphilis cases include both infectious and non-infectious cases, as well as those requiring further follow-up to determine their status.

** F=Federal Jurisdiction (First Nations and Inuit Health); P=Provincial Jurisdiction

*** OOP=Out of Province