

**Winnipeg Regional Health Authority Summary of Healthcare Associated  
Clostridium difficile Associated Diarrhea (CDAD)  
and Methicillin Resistant Staphylococcus aureus**

**September 2016**

**Clostridium difficile Associated Disease (CDAD) Cases Reported September 2016:**

| Facility        | Cases | Rate by 1,000 Admissions | Rate by 10,000 Patient Days |
|-----------------|-------|--------------------------|-----------------------------|
| HSC             | 8     | 3.52                     | 3.82                        |
| SBH             | 6     | 2.64                     | 4.07                        |
| VGH             | 0     | 0.00                     | 0.00                        |
| GH              | 3     | 5.55                     | 4.80                        |
| CH              | 0     | 0.00                     | 0.00                        |
| SOGH            | 0     | 0.00                     | 0.00                        |
| RHC             | 0     | -                        | 0.00                        |
| DLC             | 0     | -                        | 0.00                        |
| Total           | 17    | 2.57                     | 2.35                        |
| CNISP benchmark |       | 3.3 (2014)               | 4.3 (2014)                  |

**Clostridium difficile**

| Location                | Rate per 1,000 Admissions | Rate by 10,000 Patient Days |
|-------------------------|---------------------------|-----------------------------|
| Canada 2010*            | 4.5                       | 6.1                         |
| Canada 2011*            | 5.1                       | 6.7                         |
| Canada 2012*            | 4.8                       | 6.0                         |
| Canada 2013*            | 4.0                       | 5.2                         |
| Canada 2014*            | 3.3                       | 4.3                         |
| Winnipeg 2003** ^       | 5.4                       | 6.6                         |
| Winnipeg 2004/2005*** ^ | 5.2                       | 3.7                         |
| Winnipeg 2005/2006*** ^ | 6.0                       | 5.2                         |
| Winnipeg 2006/2007*** ^ | 4.6                       | 4.0                         |
| Winnipeg 2007/2008*** ^ | 3.0                       | 2.7                         |
| Winnipeg 2008/2009*** ^ | 3.1                       | 2.9                         |
| Winnipeg 2009/2010***   | 2.9                       | 2.9                         |
| Winnipeg 2010/2011***   | 2.5                       | 2.5                         |
| Winnipeg 2011/2012***   | 2.6                       | 2.4                         |
| Winnipeg 2012/2013***   | 2.2                       | 2.0                         |
| Winnipeg 2013/2014***   | 3.0                       | 2.7                         |
| Winnipeg 2014/2015***   | 3.0                       | 2.9                         |
| Winnipeg 2015/2016***   | 4.1                       | 4.0                         |
| Winnipeg April 2016     | 3.1                       | 2.7                         |
| Winnipeg May 2016       | 2.2                       | 2.0                         |
| Winnipeg June 2016      | 3.1                       | 2.8                         |
| Winnipeg July 2016      | 4.4                       | 4.0                         |
| Winnipeg August 2016    | 3.4                       | 2.7                         |
| Winnipeg September 2016 | 2.6                       | 2.4                         |

\*CNISP - CNISP rates updated October 21, 2015

\*\*January 1 to December 31 calendar year

\*\*\*April 1 to March 31, fiscal year

^ Misericordia Health Centre data included in the rate calculations

**MRSA (Infections and Colonizations) Cases Reported September 2016:**

| Facility        | Cases | Rate by 1,000 Admissions | Rate by 10,000 Patient Days |
|-----------------|-------|--------------------------|-----------------------------|
| HSC             | 38    | 16.01                    | 18.17                       |
| SBH             | 4     | 1.76                     | 2.71                        |
| VGH             | 5     | 11.96                    | 8.62                        |
| GH              | 0     | 0.00                     | 0.00                        |
| CH              | 1     | 2.10                     | 1.78                        |
| SOGH            | 4     | 9.20                     | 4.51                        |
| RHC             | 0     | -                        | 0.00                        |
| DLC             | 0     | -                        | 0.00                        |
| Total           | 52    | 7.85                     | 7.19                        |
| CNISP benchmark |       | 8.8 (2012)               | 11.4 (2012)                 |

**MRSA**

| Location                | Rate per 1,000 Admissions | Rate by 10,000 Patient Days |
|-------------------------|---------------------------|-----------------------------|
| Canada 2008*            | 9.4                       | 11.7                        |
| Canada 2009*            | 9.5                       | 12.4                        |
| Canada 2010*            | 9.0                       | 12.6                        |
| Canada 2011*            | 9.3                       | 11.9                        |
| Canada 2012*            | 8.8                       | 11.4                        |
| Winnipeg 2003** ^       | 3.5                       | 6.6                         |
| Winnipeg 2004/2005*** ^ | 3.2                       | 3.7                         |
| Winnipeg 2005/2006*** ^ | 2.9                       | 2.5                         |
| Winnipeg 2006/2007*** ^ | 2.8                       | 2.4                         |
| Winnipeg 2007/2008*** ^ | 3.5                       | 3.0                         |
| Winnipeg 2008/2009*** ^ | 3.4                       | 3.1                         |
| Winnipeg 2009/2010***   | 3.3                       | 3.3                         |
| Winnipeg 2010/2011***   | 4.2                       | 4.1                         |
| Winnipeg 2011/2012***   | 4.5                       | 4.2                         |
| Winnipeg 2012/2013***   | 4.8                       | 4.5                         |
| Winnipeg 2013/2014***   | 5.8                       | 5.2                         |
| Winnipeg 2014/2015***   | 5.6                       | 5.3                         |
| Winnipeg 2015/2016***   | 5.8                       | 5.6                         |
| Winnipeg April 2016     | 3.9                       | 3.3                         |
| Winnipeg May 2016       | 7.8                       | 7.3                         |
| Winnipeg June 2016      | 7.1                       | 6.4                         |
| Winnipeg July 2016      | 7.0                       | 6.4                         |
| Winnipeg August 2016    | 6.5                       | 5.2                         |
| Winnipeg September 2016 | 7.9                       | 7.2                         |

\*CNISP - CNISP rates updated April 22, 2014

\*\*January 1 to December 31 calendar year

\*\*\*April 1 to March 31, fiscal year

^ Misericordia Health Centre data included in the rate calculations