

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

April 2016

Clostridium difficile Associated Disease (CDAD) Cases Reported April 2016:

| Facility | Cases | Rate by 1,000 Admissions | Rate by 10,000 Patient Days |
|-----------------|-------|--------------------------|-----------------------------|
| HSC | 4 | 2.50 | 1.93 |
| SBH | 4 | 2.50 | 2.73 |
| VGH | 1 | 2.16 | 1.71 |
| GH | 3 | 4.89 | 4.67 |
| CH | 3 | 5.79 | 5.29 |
| SOGH | 3 | 6.25 | 3.54 |
| RHC | 0 | - | 0.00 |
| DLC | 1 | - | 1.79 |
| Total | 19 | 3.12 | 2.65 |
| 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 |

*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 April 2016:

| Facility | Cases | Rate by 1,000 Admissions | Rate by 10,000 Patient Days |
|-----------------|-------|--------------------------|-----------------------------|
| HSC | 14 | 6.13 | 6.76 |
| SBH | 0 | 0.00 | 0.00 |
| VGH | 1 | 2.16 | 1.71 |
| GH | 3 | 4.89 | 4.67 |
| CH | 2 | 3.86 | 3.53 |
| SOGH | 4 | 8.33 | 4.72 |
| RHC | 0 | - | 0.00 |
| DLC | 0 | - | 0.00 |
| Total | 24 | 3.94 | 3.34 |
| 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 |

*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