

**Winnipeg Regional Health Authority Summary of Healthcare Associated
Clostridioides difficile Infection (CDI)
and Methicillin Resistant Staphylococcus aureus**

December 2017

Clostridioides difficile Infection (CDI) Cases:

| Facility | Cases | Rate by 10,000 Patient Days |
|------------------------------------|-------|-----------------------------|
| Health Sciences Centre (HSC) | 6 | 2.66 |
| St. Boniface Hospital (SBH) | 4 | 2.85 |
| Victoria General Hospital (VGH) | 1 | 2.34 |
| Grace Hospital (GH) | 4 | 5.91 |
| Concordia Hospital (CH) | 1 | 1.84 |
| Seven Oaks General Hospital (SOGH) | 2 | 2.22 |
| Deer Lodge Centre (DLC) | 0 | 0.00 |
| Riverview Health Centre (RHC) | 0 | 0.00 |
| Misericordia Health Centre (MHC) | 0 | 0.00 |
| Total | 18 | 2.52 |
| CNISP benchmark | | 4.05 (2016) |

Clostridioides difficile

| Location | Rate by 10,000 Patient Days |
|---------------------------|-----------------------------|
| Canada 2011* | 6.7 |
| Canada 2012* | 6.0 |
| Canada 2013* | 5.2 |
| Canada 2014* | 4.4 |
| Canada 2015* | 4.3 |
| Canada 2016* | 4.1 |
| Winnipeg 2009/2010*** | 2.9 |
| Winnipeg 2010/2011*** | 2.5 |
| Winnipeg 2011/2012*** | 2.4 |
| Winnipeg 2012/2013*** | 2.0 |
| Winnipeg 2013/2014*** | 2.7 |
| Winnipeg 2014/2015*** | 2.9 |
| Winnipeg 2015/2016*** | 4.0 |
| Winnipeg 2016/2017*** | 2.9 |
| Winnipeg April 2017 ^ | 3.5 |
| Winnipeg May 2017 ^ | 2.7 |
| Winnipeg June 2017 ^ | 2.1 |
| Winnipeg July 2017 ^ | 2.6 |
| Winnipeg August 2017 ^ | 2.2 |
| Winnipeg September 2017 ^ | 1.4 |
| Winnipeg October 2017 ^ | 1.5 |
| Winnipeg November 2017 ^ | 2.8 |
| Winnipeg December 2017 ^ | 2.5 |

*CNISP - CNISP rates updated April, 2018

***April 1 to March 31, fiscal year

^ Misericordia Health Centre data included in the rate calculations

Clostridium difficile and Clostridioides difficile are the same organism. Internationally, the name of the organism has been changed.

MRSA (Infections and Colonizations) Cases:

| Facility | Cases | Rate by 10,000 Patient Days |
|-----------------|-------|-----------------------------|
| HSC | 11 | 4.88 |
| SBH | 4 | 2.85 |
| VGH | 0 | 0.00 |
| GH | 3 | 4.43 |
| CH | 2 | 3.67 |
| SOGH | 6 | 6.66 |
| DLC | 0 | 0.00 |
| RHC | 0 | 0.00 |
| MHC | 0 | 0.00 |
| Total | 26 | 3.63 |
| CNISP benchmark | | 11.4 (2016) |

MRSA

| Location | Rate by 10,000 Patient Days |
|---------------------------|-----------------------------|
| Canada 2010* | 12.6 |
| Canada 2011* | 11.9 |
| Canada 2012* | 11.4 |
| Winnipeg 2014/2015*** | 5.3 |
| Winnipeg 2015/2016*** | 5.6 |
| Winnipeg 2016/2017*** | 5.8 |
| Winnipeg April 2017 ^ | 4.4 |
| Winnipeg May 2017 ^ | 5.0 |
| Winnipeg June 2017 ^ | 6.7 |
| Winnipeg July 2017 ^ | 4.3 |
| Winnipeg August 2017 ^ | 5.4 |
| Winnipeg September 2017 ^ | 3.9 |
| Winnipeg October 2017 ^ | 5.3 |
| Winnipeg November 2017 ^ | 3.8 |
| Winnipeg December 2017 ^ | 3.6 |

*CNISP - CNISP rates updated April 2018

^ Misericordia Health Centre data included in the rate calculations

Note that starting April 2017, MRSA cases are only counted if the patient is admitted at the time of diagnosis.