

Winnipeg Acute Care Summary of  
Healthcare Associated Infections  
of *Clostridioides difficile* and Methicillin Resistant *Staphylococcus aureus*

December 2024

Clostridioides difficile Infection Cases

| Facility                           | Cases     | Rate by 10,000 Patient Days |
|------------------------------------|-----------|-----------------------------|
| Health Sciences Centre (HSC)       | 7         | 2.76                        |
| St. Boniface Hospital (SBH)        | 7         | 4.76                        |
| Victoria General Hospital (VGH)    | 0         | 0.00                        |
| Grace Hospital (GH)                | 6         | 7.31                        |
| Concordia Hospital (CH)            | 1         | 1.97                        |
| Seven Oaks General Hospital (SOGH) | 2         | 3.13                        |
| Deer Lodge Centre (DLC)            | 1         | 1.66                        |
| Riverview Health Centre (RHC)      | 0         | 0.00                        |
| Misericordia Health Centre (MHC)   | 0         | 0.00                        |
| Multiple*                          | 3         | -                           |
| <b>WRHA (without HSC)</b>          | <b>20</b> | <b>4.02</b>                 |
| CNISP benchmark                    |           | 5.0 (2022)                  |

Clostridioides difficile infections

| Location           | Rate by 10,000 Patient Days |
|--------------------|-----------------------------|
| Canada 2016**      | 5.8                         |
| Canada 2017**      | 5.7                         |
| Canada 2018**      | 5.4                         |
| Canada 2019**      | 4.9                         |
| Canada 2020**      | 5.4                         |
| Canada 2021**      | 5.1                         |
| Canada 2022**      | 5.0                         |
| WRHA 2013/2014***  | 2.7                         |
| WRHA 2014/2015***  | 2.9                         |
| WRHA 2015/2016***  | 4.0                         |
| WRHA 2016/2017***  | 2.9                         |
| WRHA 2017/2018***^ | 2.4                         |
| WRHA 2018/2019***^ | 2.6                         |
| WRHA 2019/2020***^ | 2.3                         |
| WRHA 2020/2021***^ | 2.8                         |
| WRHA 2021/2022***^ | 1.8                         |
| WRHA 2022/2023***^ | 2.7                         |
| WRHA 2023/2024***^ | 2.7                         |
| WRHA Apr 2024^     | 3.1                         |
| WRHA May 2024^     | 3.7                         |
| WRHA Jun 2024^     | 2.1                         |
| WRHA Jul 2024^     | 2.9                         |
| WRHA Aug 2024^     | 2.0                         |
| WRHA Sep 2024^     | 1.9                         |
| WRHA Oct 2024^     | 3.0                         |
| WRHA Nov 2024^     | 2.0                         |
| WRHA Dec 2024^     | 4.0                         |

\*Multiple: due to multiple transfers between WRHA acute care facilities, case is associated with WRHA acute care; however the case could not be attributed to a specific facility.

\*\*CNISP - CNISP rates updated July 2024

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

^ Misericordia Health Centre data included in the rate calculations

As of April 2019, the WRHA does not include HSC. HSC is a part of Shared Health Manitoba. *Clostridium difficile* and *Clostridioides difficile* are the same organism. Internationally, the name of the organism has been changed.

MRSA Infection Cases:

| Facility           | Cases | Rate by 10,000 Patient Days |
|--------------------|-------|-----------------------------|
| HSC                | 9     | 3.54                        |
| SBH                | 5     | 3.40                        |
| VGH                | 0     | 0.00                        |
| GH                 | 1     | 1.22                        |
| CH                 | 0     | 0.00                        |
| SOGH               | 1     | 1.56                        |
| DLC                | 1     | 1.66                        |
| RHC                | 1     | 2.93                        |
| MHC                | 0     | 0.00                        |
| Multiple*          | 0     | -                           |
| WRHA (without HSC) | 9     | 1.81                        |

Methicillin Resistant *Staphylococcus aureus* infections

| Location           | Rate by 10,000 Patient Days |
|--------------------|-----------------------------|
| Canada 2014**      | 1.7                         |
| Canada 2015**      | 1.7                         |
| Canada 2016**      | 1.7                         |
| Canada 2017**      | 1.7                         |
| WRHA 2017/2018***^ | 2.7                         |
| WRHA 2018/2019***^ | 4.9                         |
| WRHA 2019/2020***^ | 2.3                         |
| WRHA 2020/2021***^ | 3.6                         |
| WRHA 2021/2022***^ | 1.1                         |
| WRHA 2022/2023***^ | 2.4                         |
| WRHA 2023/2024***^ | 2.3                         |
| WRHA Apr 2024^     | 1.7                         |
| WRHA May 2024^     | 2.1                         |
| WRHA Jun 2024^     | 0.4                         |
| WRHA Jul 2024^     | 0.6                         |
| WRHA Aug 2024^     | 2.5                         |
| WRHA Sep 2024^     | 1.5                         |
| WRHA Oct 2024^     | 2.0                         |
| WRHA Nov 2024^     | 2.2                         |
| WRHA Dec 2024^     | 1.8                         |

\*Multiple: due to multiple transfers between WRHA acute care facilities, case is associated with WRHA acute care, however the case could not be attributed to a specific facility.  
\*\*CNISP - CNISP rates updated April 2018  
\*\*\*April 1 to March 31, fiscal year  
^ Misericordia Health Centre data included in the rate calculations

As of April 2019, the WRHA does not include HSC. HSC is a part of Shared Health Manitoba.

Note: effective April 2018, only MRSA infections are reported. Patient cases are counted if the person is admitted at the time of diagnosis of MRSA infection. Infections could have occurred in patients who had previously never been diagnosed with MRSA, or in patients with known MRSA, but experiencing a new infection.