

**Winnipeg Regional Health Authority Summary of Healthcare Associated
Infections of *Clostridioides difficile*
and Methicillin Resistant *Staphylococcus aureus***

February 2019

***Clostridioides difficile* Infection (CDI) Cases:**

Facility	Cases	Rate by 10,000 Patient Days
Health Sciences Centre (HSC)	6	2.86
St. Boniface Hospital (SBH)	4	3.12
Victoria General Hospital (VGH)	1	1.85
Grace Hospital (GH)	2	3.11
Concordia Hospital (CH)	1	1.98
Seven Oaks General Hospital (SOGH)	0	0.00
Deer Lodge Centre (DLC)	0	0.00
Riverview Health Centre (RHC)	0	0.00
Misericordia Health Centre (MHC)	0	0.00
Multiple*	2	-
Total	16	2.38
CNISP benchmark		3.9 (2017)

***Clostridioides difficile* infections**

Location	Rate by 10,000 Patient Days
Canada 2013**	5.2
Canada 2014**	4.4
Canada 2015**	4.3
Canada 2016**	4.1
Canada 2017**	3.9
Winnipeg 2013/2014***	2.7
Winnipeg 2014/2015***	2.9
Winnipeg 2015/2016***	4.0
Winnipeg 2016/2017***	2.9
Winnipeg 2017/2018***^	2.4
Winnipeg April 2018 ^	2.7
Winnipeg May 2018 ^	2.4
Winnipeg June 2018 ^	3.4
Winnipeg July 2018 ^	2.9
Winnipeg August 2018 ^	2.0
Winnipeg September 2018 ^	2.2
Winnipeg October 2018 ^	1.3
Winnipeg November 2018 ^	2.3
Winnipeg December 2018 ^	2.9
Winnipeg January 2019 ^	2.6
Winnipeg February 2019 ^	2.4

*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

***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	8	3.81
SBH	1	0.78
VGH	1	1.85
GH	0	0.00
CH	0	0.00
SOGH	0	0.00
DLC	2	3.65
RHC	0	0.00
MHC	0	0.00
Multiple*	1	-
Total	13	1.94
CNISP benchmark		1.7 (2017)

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
Winnipeg 2017/2018***^	2.7
Winnipeg April 2018 ^	3.1
Winnipeg May 2018 ^	1.7
Winnipeg June 2018 ^	1.6
Winnipeg July 2018 ^	2.8
Winnipeg August 2018 ^	2.0
Winnipeg September 2018 ^	3.8
Winnipeg October 2018 ^	2.8
Winnipeg November 2018 ^	3.0
Winnipeg December 2018 ^	2.1
Winnipeg January 2019 ^	2.2
Winnipeg February 2019 ^	1.9

*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

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.