

**Winnipeg Regional Health Authority Summary of Healthcare Associated
Clostridium difficile Associated Diarrhea (CDAD)
and Antibiotic Resistant Organisms**

January 2016

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

Facility	Cases	Rate by 1,000 Admissions	Rate by 10,000 Patient Days
HSC	13	6.03	6.03
SBH	9	4.18	6.05
VGH	0	0.00	0.00
GH	8	13.58	12.19
CH	2	3.98	3.53
SOGH	1	2.02	1.07
RHC	1	-	2.17
DLC	0	-	0.00
Total	34	5.12	4.57
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 April 2015	4.2	4.2
Winnipeg May 2015	5.6	5.5
Winnipeg June 2015	3.0	3.0
Winnipeg July 2015	4.2	4.0
Winnipeg August 2015	3.4	3.2
Winnipeg September 2015	2.1	2.2
Winnipeg October 2015	3.6	3.3
Winnipeg November 2015	4.1	3.7
Winnipeg December 2015	5.4	4.8
Winnipeg January 2016	5.1	4.6

*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 January 2016:

Facility	Cases	Rate by 1,000 Admissions	Rate by 10,000 Patient Days
HSC	29	12.39	13.45
SBH	1	0.46	0.67
VGH	1	2.23	1.70
GH	1	1.70	1.52
CH	0	0.00	0.00
SOGH	2	4.04	2.14
RHC	0	-	0.00
DLC	0	-	0.00
Total	34	5.12	4.57
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 April 2015	5.6	5.6
Winnipeg May 2015	4.8	4.6
Winnipeg June 2015	7.4	7.3
Winnipeg July 2015	6.0	5.7
Winnipeg August 2015	6.0	5.8
Winnipeg September 2015	5.6	5.8
Winnipeg October 2015	8.1	7.4
Winnipeg November 2015	5.7	5.3
Winnipeg December 2015	4.8	4.3
Winnipeg January 2016	5.1	4.6

*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

VRE (Infections and Colonizations) Cases Reported January 2016:

Facility	Cases	Rate by 1,000 Admissions	Rate by 100,000 Patient Days
HSC	46	19.66	213.32
SBH	25	11.60	168.11
VGH	7	15.63	118.68
GH	3	5.09	45.72
CH	5	9.96	88.15
SOGH	15	30.30	160.15
RHC	0	-	0.00
DLC	0	-	0.00
Total	101	15.22	135.85
CNISP benchmark (colonizations only)		7.0 (2013)	85.6 (2013)

VRE

Location	Rate per 1,000 Admissions	Rate by 100,000 Patient Days
Canada 2009* Ψ	5.1	66.6
Canada 2010* Ψ	5.1	71.6
Canada 2011* Ψ	7.7	97.7
Canada 2012* Ψ	6.9	89.4
Canada 2013* Ψ	7.0	85.6
Winnipeg 2004/2005*** ^	1.1	7.9
Winnipeg 2005/2006*** ^	0.3	2.2
Winnipeg 2006/2007*** ^	0.04	0.3
Winnipeg 2007/2008*** ^	0.1	1.1
Winnipeg 2008/2009*** ^	0.7	6.1
Winnipeg 2009/2010***	0.6	6.2
Winnipeg 2010/2011***	5.7	55.5
Winnipeg 2011/2012***	15.3	143.1
Winnipeg 2012/2013***	13.1	122.6
Winnipeg 2013/2014***	13.2	118.1
Winnipeg 2014/2015***	11.4	107.6
Winnipeg April 2015	13.1	129.4
Winnipeg May 2015	11.7	113.2
Winnipeg June 2015	12.2	121.4
Winnipeg July 2015	9.6	91.7
Winnipeg August 2015	7.0	67.6
Winnipeg September 2015	10.1	104.7
Winnipeg October 2015	10.9	99.4
Winnipeg November 2015	16.9	155.3
Winnipeg December 2015	13.8	124.0
Winnipeg January 2016	15.2	135.9

*CNISP - CNISP rates updated on April 22, 2014
 Ψ only includes CNISP colonizations (no infections)
 **January 1 to December 31 calendar year
 ***April 1 to March 31, fiscal year
 ^ Misericordia Health Centre data included in the rate calculations