

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

July 2015

Clostridium difficile Associated Disease (CDAD) Cases Reported July 2015:

Facility	Cases	Rate by 1,000 Admissions	Rate by 10,000 Patient Days
HSC	8	3.69	3.64
SBH	13	6.00	9.29
VGH	1	2.46	1.86
GH	5	9.26	8.64
CH	1	2.22	1.85
SOGH	1	2.25	1.11
RHC	0	-	0.00
DLC	0	-	0.00
Total	29	4.21	4.03
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

*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 July 2015:

Facility	Cases	Rate by 1,000 Admissions	Rate by 10,000 Patient Days
HSC	27	9.75	12.27
SBH	4	1.85	2.86
VGH	4	9.85	7.43
GH	0	0.00	0.00
CH	1	2.22	1.85
SOGH	3	6.76	3.32
RHC	1	-	2.19
DLC	1	-	1.72
Total	41	5.95	5.70
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

*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 July 2015:

Facility	Cases	Rate by 1,000 Admissions	Rate by 100,000 Patient Days
HSC	26	9.39	118.17
SBH	20	9.23	142.85
VGH	2	4.93	37.15
GH	1	1.85	17.27
CH	8	17.74	148.18
SOGH	7	15.77	77.57
RHC	0	-	0.00
DLC	2	-	34.34
Total	66	9.58	91.69
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

*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