

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

December 2015

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

Facility	Cases	Rate by 1,000 Admissions	Rate by 10,000 Patient Days
HSC	15	6.87	7.10
SBH	4	1.83	2.74
VGH	2	4.87	3.57
GH	6	10.33	9.63
CH	3	5.92	5.74
SOGH	5	11.44	5.34
RHC	0	-	0.00
DLC	0	-	0.00
Total	35	5.37	4.82
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

*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 December 2015:

Facility	Cases	Rate by 1,000 Admissions	Rate by 10,000 Patient Days
HSC	16	7.00	7.57
SBH	5	2.29	3.43
VGH	1	2.43	1.79
GH	3	5.16	4.81
CH	0	0.00	0.00
SOGH	5	11.44	5.34
RHC	1	-	2.17
DLC	0	-	0.00
Total	31	4.75	4.27
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

*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 December 2015:

Facility	Cases	Rate by 1,000 Admissions	Rate by 100,000 Patient Days
HSC	41	17.93	194.06
SBH	13	5.96	89.11
VGH	7	17.03	125.04
GH	1	1.72	16.04
CH	3	5.92	57.43
SOGH	24	54.92	256.33
RHC	1	-	21.65
DLC	0	-	0.00
Total	90	13.80	123.99
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

*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