

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

**May 2014**

**Clostridium difficile Associated Disease (CDAD) Cases Reported May 2014:**

Facility	Cases	Rate by 1,000 Admissions	Rate by 10,000 Patient Days
HSC	5	1.98	2.19
SBH	5	2.21	3.35
VGH	1	2.20	1.70
GH	3	7.94	4.08
CH	3	9.46	5.11
SOGH	0	0.00	0.00
RHC	0	-	0.00
DLC	0	-	0.00
Total	17	2.61	2.23
CNISP benchmark	-	4.8 (2012)	6.0 (2012)

**Clostridium difficile**

Location	Rate per 1,000 Admissions	Rate by 10,000 Patient Days
Canada 1997 (6 week period)*	5.9	Not Published
Canada (Nov 1/04 - Apr 30/05)*	6.0	Not Published
Canada 2007*	4.5	6.8
Canada 2008*	5.8	7.5
Canada 2009*	4.7	5.8
Canada 2010*	4.5	6.1
Canada 2011*	5.1	6.7
Canada 2012*	4.8	6.0
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 April 2014	2.8	2.5
Winnipeg May 2014	2.6	2.2

\*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

**MRSA (Infections and Colonizations) Cases Reported May 2014:**

Facility	Cases	Rate by 1,000 Admissions	Rate by 10,000 Patient Days
HSC	22	8.71	9.66
SBH	4	1.77	2.68
VGH	2	4.41	3.39
GH	2	5.29	2.72
CH	2	6.31	3.40
SOGH	4	8.40	4.42
RHC	1	-	2.17
DLC	0	-	0.00
Total	37	5.68	4.85
CNISP benchmark	-	8.8 (2012)	11.4 (2012)

**MRSA**

Location	Rate per 1,000 Admissions	Rate by 10,000 Patient Days
Canada 1995*	0.5	0.6
Canada 1996*	1.1	1.2
Canada 1997*	1.6	1.8
Canada 1998*	2.6	3.5
Canada 1999*	3.8	4.8
Canada 2000*	5.0	6.6
Canada 2001*	3.8	4.7
Canada 2002*	4.7	5.8
Canada 2003*	5.2	6.2
Canada 2004*	5.9	7.7
Canada 2005*	7.4	8.7
Canada 2006*	7.6	9.8
Canada 2007*	8.2	11.0
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 April 2014	4.9	4.3
Winnipeg May 2014	5.7	4.9

\*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 May 2014:**

Facility	Cases	Rate by 1,000 Admissions	Rate by 100,000 Patient Days
HSC	47	18.60	206.31
SBH	23	10.18	153.91
VGH	1	2.20	16.95
GH	6	15.87	81.61
CH	0	0.00	0.00
SOGH	21	44.12	231.84
RHC	0	-	0.00
DLC	0	-	0.00
Total	98	15.04	128.41
CNISP benchmark	-	6.7 (2012)	86.5 (2012)

VRE

Location	Rate per 1,000 Admissions	Rate by 100,000 Patient Days
Canada 1999*	0.4	5.2
Canada 2000*	0.5	6.7
Canada 2001*	0.4	4.6
Canada 2002*	0.6	7.9
Canada 2003*	0.6	7.5
Canada 2004*	0.7	9.6
Canada 2005*	1.3	16.9
Canada 2006*	1.2	14.8
Canada 2007* Ψ	2.4	32.4
Canada 2008* Ψ	4.4	55.2
Canada 2009* Ψ	5.1	66.6
Canada 2010* Ψ	5.1	71.6
Canada 2011* Ψ	7.6	97.7
Canada 2012* Ψ	6.7	86.5
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 April 2014	13.7	121.6
Winnipeg May 2014	15.0	128.4

\*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