

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

**March 2012**

**Clostridium difficile Associated Disease (CDAD) Cases Reported March, 2012:**

Facility	Cases	Rate by 1,000 Admissions	Rate by 10,000 Patient Days
HSC	4	1.67	2.02
SBH	3	1.30	2.10
VGH	4	9.11	6.65
GH	3	6.30	4.33
CH	0	0.00	0.00
SOGH	2	4.41	2.40
RHC	0	-	0.00
DLC	0	-	0.00
Total	16	2.40	2.25
CNISP benchmark	-	4.8 (2007)	7.4 (2007)

**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 (Jan 1 - Apr 30 2007)*	4.8	7.4
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 <sup>Ω</sup>
Winnipeg 2009/2010***	2.9 <sup>Ω</sup>	2.9
Winnipeg 2010/2011***	2.5 <sup>Ω</sup>	2.5
Winnipeg (Apr 1 – Jun 30/11)	2.3 <sup>Ω</sup>	2.3 <sup>Ω</sup>
Winnipeg (Jul 1 – Sep 30/11)	2.8 <sup>Ω</sup>	2.7
Winnipeg October, 2011	1.4 §	1.4
Winnipeg November, 2011	3.7	3.6
Winnipeg December, 2011	1.5	1.4
Winnipeg, January 2012	3.5	3.2
Winnipeg, February 2012	2.5	2.4
Winnipeg, March 2012	2.4	2.3

\*CNISP - CNISP rates updated to include revised 2006 and new 2007 rates on September 22, 2010

\*\*January 1 to December 31 calendar year

\*\*\*April 1 to March 31, fiscal year

^ Misericordia Health Centre data included in the rate calculations

Ω WRHA data updated February 14, 2012

§ WRHA data updated May11, 2012

**MRSA (Infections and Colonizations) Cases Reported March, 2012:**

Facility	Cases	Rate by 1,000 Admissions	Rate by 10,000 Patient Days
HSC	9	3.77	4.54
SBH	1	0.43	0.70
VGH	0	0.00	0.00
GH	1	2.10	1.44
CH	0	0.00	0.00
SOGH	1	2.20	1.20
RHC	0	-	0.00
DLC	3	-	5.21
Total	15	2.25	2.11
CNISP benchmark	-	9.5 (2009)	12.4 (2009)

**MRSA**

Location	Rate per 1,000 Admissions	Rate by 10,000 Patient Days
Canada 1995*	0.5	0.4
Canada 1996*	1.1	0.8
Canada 1997*	1.7	1.2
Canada 1998*	2.5	2.3
Canada 1999*	4.1	2.6
Canada 2000*	3.9	3.4
Canada 2001*	4.5	2.3
Canada 2002*	4.8	2.8
Canada 2003*	5.1	2.7
Canada 2004*	Not Published	3.7
Canada 2005*	Not Published	4.8
Canada 2006*	Not Published	6.1
Canada 2007*	Not Published	6.2
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 <sup>Ω</sup>	3.1
Winnipeg 2009/2010***	3.3 <sup>Ω</sup>	3.3 <sup>Ω</sup>
Winnipeg 2010/2011***	4.2 <sup>Ω</sup>	4.1
Winnipeg (Apr 1 – Jun 30/11)	5.3 <sup>Ω</sup>	5.3
Winnipeg (Jul 1 – Sep 30/11)	5.4 <sup>Ω</sup>	5.3
Winnipeg October, 2011	3.5	3.4
Winnipeg November, 2011	3.2	3.2
Winnipeg December, 2011	3.0	2.8
Winnipeg, January, 2012	4.5	4.2
Winnipeg, February 2012	2.8	2.7
Winnipeg, March 2012	2.3	2.1

\*CNISP.

CNISP rates updated to include revised 2006 and new 2007 rates on September 22, 2010

\*\*January 1 to December 31 calendar year

\*\*\*April 1 to March 31, fiscal year

^ Misericordia Health Centre data included in the rate calculations

Ω WRHA data updated February 14, 2012

**VRE (Infections and Colonizations) Cases Reported March, 2012:**

Facility	Cases	Rate by 1,000 Admissions	Rate by 100,000 Patient Days
HSC	22	9.21	110.94
SBH	33	14.29	230.96
VGH	4	9.11	66.52
GH	5	10.50	72.23
CH	7	14.40	127.74
SOGH	19	41.85	227.65
RHC	0	-	0.00
DLC	0	-	0.00
Total	90	13.49	126.61
CNISP benchmark	-	5.8 (2010)	81.0 (2010)

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*	2.5	33.4
Canada 2008*	4.6	57.2
Canada 2009*	5.0	65.0
Canada 2010*	5.8	81.0
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 <sup>Ω</sup>	6.2 <sup>Ω</sup>
Winnipeg 2010/2011***	5.7 <sup>Ω</sup>	55.5 <sup>Ω</sup>
Winnipeg (Apr 1 – Jun 30/11)	13.3 <sup>Ω</sup>	133.3 <sup>Ω</sup>
Winnipeg (Jul 1 – Sep 30/11)	13.4 <sup>Ω</sup>	131.6 <sup>Ω</sup>
Winnipeg October, 2011	17.6	170.3
Winnipeg November, 2011	13.7	133.8
Winnipeg December, 2011	16.8	158.8
Winnipeg, January 2012	17.5	160.7
Winnipeg, February 2012	17.5	167.1
Winnipeg, March 2012	13.5	126.6

\*CNISP

CNISP rates updated to include new 2010 rates on April 17, 2010

\*\*January 1 to December 31 calendar year

\*\*\*April 1 to March 31, fiscal year

^ Misericordia Health Centre data included in the rate calculations

Ω WRHA data updated February 14, 2012