

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

February 2012

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

Facility	Cases	Rate by 1,000 Admissions	Rate by 10,000 Patient Days
HSC	3	1.20	1.51
SBH	5	2.34	3.70
VGH	1	2.39	1.85
GH	3	6.73	4.81
CH	1	2.30	1.97
SOGH	3	7.37	3.79
RHC	0	0.00	0.00
DLC	0	0.00	0.00
Total	16	2.47	2.37
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 ^Ω
Winnipeg 2009/2010***	2.9 ^Ω	2.9
Winnipeg 2010/2011***	2.5 ^Ω	2.5
Winnipeg (Apr 1 – Jun 30/11)	2.3 ^Ω	2.3 ^Ω
Winnipeg (Jul 1 – Sep 30/11)	2.8 ^Ω	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

*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 February, 2012:

Facility	Cases	Rate by 1,000 Admissions	Rate by 10,000 Patient Days
HSC	5	1.99	2.52
SBH	3	1.40	2.22
VGH	0	0.00	0.00
GH	3	6.73	4.81
CH	1	2.30	1.97
SOGH	2	4.91	2.52
RHC	0	0.00	0.00
DLC	4	102.56	7.30
Total	18	2.78	2.66
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 ^Ω	3.1
Winnipeg 2009/2010***	3.3 ^Ω	3.3 ^Ω
Winnipeg 2010/2011***	4.2 ^Ω	4.1
Winnipeg (Apr 1 – Jun 30/11)	5.3 ^Ω	5.3
Winnipeg (Jul 1 – Sep 30/11)	5.4 ^Ω	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

*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 February, 2012:

Facility	Cases	Rate by 1,000 Admissions	Rate by 100,000 Patient Days
HSC	28	11.17	141.22
SBH	44	20.56	325.76
VGH	3	7.16	55.61
GH	14	31.39	224.36
CH	15	34.48	295.62
SOGH	9	22.11	113.56
RHC	0	0.00	0.00
DLC	0	0.00	0.00
Total	113	17.46	167.10
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 ^Ω	6.2 ^Ω
Winnipeg 2010/2011***	5.7 ^Ω	55.5 ^Ω
Winnipeg (Apr 1 – Jun 30/11)	13.3 ^Ω	133.3 ^Ω
Winnipeg (Jul 1 – Sep 30/11)	13.4 ^Ω	131.6 ^Ω
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

*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