

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

**September 2012**

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

Facility	Cases	Rate by 1,000 Admissions	Rate by 10,000 Patient Days
HSC	8	2.83	3.78
SBH	2	0.88	1.40
VGH	1	2.50	1.82
GH	4	13.56	6.33
CH	0	0.00	0.00
SOGH	0	0.00	0.00
RHC	0	-	0.00
DLC	1	-	1.86
Total	16	2.33	2.27
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 2011/2012***	2.6	2.4
Winnipeg April 2012	3.2	2.9
Winnipeg May 2012	2.2	2.1
Winnipeg June 2012	2.2	2.3
Winnipeg July 2012	2.2	2.2
Winnipeg August 2012	1.8	1.7
Winnipeg September 2012	2.3	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 September 2012:**

Facility	Cases	Rate by 1,000 Admissions	Rate by 10,000 Patient Days
HSC	25	8.83	11.80
SBH	1	0.44	0.70
VGH	4	10.00	7.28
GH	0	0.00	0.00
CH	2	4.02	3.75
SOGH	4	8.81	4.85
RHC	0	-	0.00
DLC	2	-	3.72
Total	38	5.55	5.38
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	0.6
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*	9.2	11.5
Canada 2009*	9.5	12.4
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 <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 2011/2012***	4.5	4.2
Winnipeg April 2012	5.4	4.9
Winnipeg May 2012	4.0	3.7
Winnipeg June 2012	5.5	5.8
Winnipeg July 2012	5.4	5.3
Winnipeg August 2012	5.6	5.3
Winnipeg September 2012	5.6	5.4

\*CNISP.

CNISP rates updated Feb. 5, 2011

\*\*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 September 2012:**

Facility	Cases	Rate by 1,000 Admissions	Rate by 100,000 Patient Days
HSC	27	9.54	127.41
SBH	7	3.09	48.88
VGH	1	2.50	18.20
GH	2	6.78	31.63
CH	0	0.00	0.00
SOGH	17	37.44	206.01
RHC	0	-	0.00
DLC	0	-	0.00
Total	54	7.88	76.49
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 2011/2012***	15.3	143.1
Winnipeg April 2012	19.4	177.5
Winnipeg May 2012	18.1	168.8
Winnipeg June 2012	12.0	127.3
Winnipeg July 2012	8.6	84.8
Winnipeg August 2012	10.1	95.2
Winnipeg September 2012	7.9	76.5

\*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