

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

December 2012

Clostridium difficile Associated Disease (CDAD) Cases Reported December 2012:

Facility	Cases	Rate by 1,000 Admissions	Rate by 10,000 Patient Days
HSC	3	1.18	1.42
SBH	3	1.45	2.18
VGH	0	0.00	0.00
GH	4	11.87	6.49
CH	0	0.00	0.00
SOGH	0	0.00	0.00
RHC	1	-	2.22
DLC	1	-	1.90
Total	12	1.91	1.72
CNISP benchmark	-	4.5 (2011)	5.3 (2011)

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	6.9
Canada 2008*	5.5	7.0
Canada 2009*	4.7	5.8
Canada 2010*	4.3	6.3
Canada 2011 (Jan - Sep)*	4.5	5.3
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 ^Ω
Winnipeg 2009/2010***	2.9 ^Ω	2.9
Winnipeg 2010/2011***	2.5 ^Ω	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
Winnipeg October 2012	1.9	1.8
Winnipeg November 2012	3.1	2.9
Winnipeg December 2012	1.9	1.7

*CNISP - CNISP rates updated Dec. 7, 2012

**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

MRSA (Infections and Colonizations) Cases Reported December 2012:

Facility	Cases	Rate by 1,000 Admissions	Rate by 10,000 Patient Days
HSC	14	5.51	6.65
SBH	6	2.89	4.35
VGH	0	0.00	0.00
GH	0	0.00	0.00
CH	1	2.92	1.92
SOGH	3	6.42	3.54
RHC	0	-	0.00
DLC	0	-	0.00
Total	24	3.82	3.44
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 ^Ω	3.1
Winnipeg 2009/2010***	3.3 ^Ω	3.3 ^Ω
Winnipeg 2010/2011***	4.2 ^Ω	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
Winnipeg October 2012	5.8	5.3
Winnipeg November 2012	4.1	3.7
Winnipeg December 2012	3.8	3.4

*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 December 2012:

Facility	Cases	Rate by 1,000 Admissions	Rate by 100,000 Patient Days
HSC	36	14.17	170.93
SBH	11	5.31	79.79
VGH	3	7.52	55.53
GH	12	35.61	194.65
CH	1	2.92	19.24
SOGH	17	36.40	200.61
RHC	0	-	0.00
DLC	0	-	0.00
Total	80	12.73	114.53
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 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
Winnipeg October 2012	11.8	109.2
Winnipeg November 2012	12.4	113.4
Winnipeg December 2012	12.7	114.5

*CNISP - CNISP rates updated on April 17, 2012

**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