

Tracking Infection Rates at MICs Group of Health Services

In keeping with its commitment to patient safety and transparency, MICs Group of Health Services has begun to post its rates for the most common hospital-associated infections. The public can now tell at a glance how many new cases of **hospital acquired *Clostridium difficile* (*C. difficile*)** have occurred in the past month at each MICs acute care facility and how many new cases of ***Methicillin Resistant Staphylococcus Aureus* (MRSA)** and ***Vancomycin Resistant Enterococci* (VRE)** have occurred in the previous quarter (3 month period) at each MICs acute care facility.

Information for Patients and Families:

More information on *C. difficile*, *MRSA* and *VRE* is available by clicking on the link below:

www.health.gov.on.ca/patient_safety/index.html

Definitions:

Here are some definitions to help you understand infections.

Hospital Associated *Clostridium difficile*: Patients have hospital associated/nosocomial *Clostridium difficile* if they have symptoms (diarrhea, abdominal pain) and test positive at least 72 hours after admission or if they have been in the hospital in the last month.

Hospital Associated *MRS or VRE*: Patients have hospital associated/nosocomial MRSA or VRE if they are identified with laboratory confirmed bloodstream infection with Vancomycin Resistant Enterococci or Methicillin Resistant Staphylococcus Aureus if the infection was not present on admission and the symptoms began at least 72 hours after admission or if the infection was present at the time of admission but is related to a previous admission at the same facility within 72 hours.

Community Acquired/Non-nosocomial *C. difficile*: Patients have community acquired/Non-nosocomial *C. difficile* if they have symptoms on admission or less than 72 hours after admission and a positive lab test.

Community Acquired/Non-nosocomial *MRSA/VRE*: Patients have Community Acquired/Non-nosocomial *MRSA/VRE* if they are identified with laboratory confirmed bloodstream infection with *Vancomycin Resistant Enterococci or Methicillin Resistant Staphylococcus Aureus* and the infection was present on admission or with onset of symptoms less than 72 hours after admission. At times these infections can be acquired at another health care facility in which the patient was admitted. In such case Infection Control at all MICs Group of Health Services facilities notifies the other health care facility. Sometimes it is an unknown or indeterminate source.

NB: Community acquired *C. difficile*, *MRSA or VRE* are not counted as cases or included in the rate because they did not develop/acquire the infection while in our hospital.

It is important to monitor for hospital acquired infections and community acquired infections because we do not want them to spread between patients or from patient to visitor. We call this process surveillance.

How do we control the spread of infections?

The Infection Prevention and Control Committee is responsible for working with employees, visitors and patient to minimize hospital-acquired infections. To control the spread of these infections, we use routine practices such as:

- Hand washing
- Environment Cleaning
- Sterilization of Equipment
- Single use of supplies
- Personal Protective Equipment
- Education
- Additional isolation precautions

Bingham Memorial Hospital

C. Difficile

	Rate of Hospital Acquired C. difficile per 1000 patient care days	Number of new cases of Hospital Acquired C. difficile	Number of new cases of Community Acquired C. difficile	Outbreak info
Sept 08	0	0	0	No outbreak
Oct 08	0	0	0	No outbreak
Nov 08	0	0	0	No outbreak
Dec 08	0	0	0	No outbreak
Jan 09	0	0	0	No outbreak
Feb 09	0	0	0	No outbreak
Mar 09	0	0	0	No outbreak
Apr 09	0	0	0	No outbreak
May 09	0	0	< 5	No outbreak
Jun 09	0	0	0	No outbreak
July 09	0	0	0	No outbreak
Aug 09	0	0	< 5	No outbreak
Sep 09	0	0	0	No outbreak
Oct 09	0	0	0	No outbreak
Nov 09	0	0	0	No outbreak
Dec 09	0	0	0	No outbreak
Jan 10	0	0	0	No outbreak

MRSA

	Rate of Hospital Acquired MRSA bacteremia per 1000 patient care days	Number of new cases of MRSA bacteremia	Outbreak info
Oct 08 – Dec 08	0	0	No outbreak
Jan 09 – Mar 09	0	0	No outbreak
Apr 09 – Jun 09	0	0	No outbreak
Jul 09 – Sep 09	0	0	No outbreak
Oct 09 – Dec 09	0	0	No outbreak

VRE

	Rate of Hospital Acquired VRE bacteremia per 1000 patient care days	Number of new cases of VRE bacteremia	Outbreak info
Oct 08 – Dec 08	0	0	No outbreak
Jan 09 – Mar 09	0	0	No outbreak
Apr 09 – Jun 09	0	0	No outbreak
Jul 09 – Sep 09	0	0	No outbreak
Oct 09 – Dec 09	0	0	No outbreak

Anson General Hospital

C. Difficile

	Rate of Hospital Acquired C. difficile per 1000 patient care days	Number of new cases of Hospital Acquired C. difficile	Number of new cases of Community Acquired C. difficile	Outbreak info
Sept 08	0	0	0	No outbreak
Oct 08	0	0	0	No outbreak
Nov 08	0	0	0	No outbreak
Dec 08	1.3	< 5	0	No outbreak
Jan 09	0	0	< 5	No outbreak
Feb 09	0	0	0	No outbreak
Mar 09	0	0	0	No outbreak
Apr 09	0	0	0	No outbreak
May 09	0	0	0	No outbreak
Jun 09	0	0	0	No outbreak
July 09	0	0	< 5	No outbreak
Aug 09	0	0	0	No outbreak
Sep 09	0	0	0	No outbreak
Oct 09	0	0	0	No outbreak
Nov 09	0	0	0	No outbreak
Dec 09	0	0	0	No outbreak
Jan 10	0	0	1	No outbreak

MRSA

	Rate of Hospital Acquired MRSA bacteremia per 1000 patient care days	Number of new cases of MRSA bacteremia	Outbreak info
Oct 08 – Dec 08	0	0	No outbreak
Jan 09 – Mar 09	0	0	No outbreak
Apr 09 – Jun 09	0	0	No outbreak
Jul 09 – Sep 09	0	0	No outbreak
Oct 09 – Dec 09	0	0	No outbreak

VRE

	Rate of Hospital Acquired VRE bacteremia per 1000 patient care days	Number of new cases of VRE bacteremia	Outbreak info
Oct 08 – Dec 08	0	0	No outbreak
Jan 09 – Mar 09	0	0	No outbreak
Apr 09 – Jun 09	0	0	No outbreak
Jul 09 – Sep 09	0	0	No outbreak
Oct 09 – Dec 09	0	0	No outbreak

Lady Minto Hospital

C. Difficile

	Rate of Hospital Acquired C. difficile per 1000 patient care days	Number of new cases of Hospital Acquired C. difficile	Number of new cases of Community Acquired C. difficile	Outbreak info
Sept 08	0	0	0	No outbreak
Oct 08	0	0	0	No outbreak
Nov 08	0	0	0	No outbreak
Dec 08	0	0	0	No outbreak
Jan 09	0	0	0	No outbreak
Feb 09	0	0	0	No outbreak
Mar 09	0	0	0	No outbreak
Apr 09	0	0	0	No outbreak
May 09	0	0	0	No outbreak
Jun 09	0	0	0	No outbreak
July 09	0	0	0	No outbreak
Aug 09	0	0	0	No outbreak
Sep 09	0	0	0	No outbreak
Oct 09	0	0	0	No outbreak
Nov 09	0	0	0	No outbreak
Dec 09	0	0	0	No outbreak
Jan 10	0	0	0	No outbreak

MRSA

	Rate of Hospital Acquired MRSA bacteremia per 1000 patient care days	Number of new cases of MRSA bacteremia	Outbreak info
Oct 08 – Dec 08	0	0	No outbreak
Jan 09 – Mar 09	0	0	No outbreak
Apr 09 – Jun 09	0	0	No outbreak
Jul 09 – Sep 09	0	0	No outbreak
Oct 09 – Dec 09	0	0	No outbreak

VRE

	Rate of Hospital Acquired VRE bacteremia per 1000 patient care days	Number of new cases of VRE bacteremia	Outbreak info
Oct 08 – Dec 08	0	0	No outbreak
Jan 09 – Mar 09	0	0	No outbreak
Apr 09 – Jun 09	0	0	No outbreak
Jul 09 – Sep 09	0	0	No outbreak
Oct 09 – Dec 09	0	0	No outbreak