

Antibiotic-resistant bloodstream infections

Alternate Name*

Rate of antibiotic-resistant bloodstream infections per 1,000 inpatient days

INDICATOR DESCRIPTION

Description*

This indicator measures the incidence rate of nosocomial (hospital-acquired) Methicillin-resistant *Staphylococcus aureus* (MRSA) and Vancomycin-resistant *Enterococcus* (VRE) infections associated with the reporting facility per 1,000 inpatient days.

Indicator Status*

Active

HQO Reporting tool/product

Public reporting

Dimension*

Safe

Type*

Outcome

DEFINITION AND SOURCE INFORMATION

Unit of Measurement*

Rate per 1,000 inpatient days

Calculation Methods*

Numerator divided by denominator times 1,000

Numerator including inclusion/exclusion*

MRSA:

1. Laboratory-confirmed bloodstream MRSA bacteremia cases (i.e. confirmation through a single positive blood culture for MRSA);
2. New nosocomial cases associated with the reporting facility, where the infection was not present on admission (i.e. onset of symptoms >72 hours after admission) or the infection was present at the time of admission but was related to a previous admission to the same facility within the last 72

VRE:

1. Laboratory-confirmed bloodstream VRE bacteremia cases (i.e confirmation through a single positive blood culture for VRE);
2. New nosocomial cases associated with the reporting facility where the infection was not present on admission (i.e. onset of symptoms >72 hours after admission) or the infection was present at the time of admission but was related to a previous admission to the same facility within the last 72 hours.

Inclusion:

1. All publicly funded hospitals
2. Inpatient beds

Exclusion:

1. New case associated with other health care facility.
2. New case associated with a source other than a health care facility or unknown/indeterminate source

Denominator including inclusion/exclusion*

Total number of inpatient days in the reporting period

Inclusion:

1. All publicly funded hospitals;
2. Inpatient beds

Adjustment (risk, age/sex standardization)- detailed

None

Data Source

Self-Reporting Initiative (SRI)

Data provided to HQO by

Ministry of Health and Long-Term Care (MOHLTC)

Reported Levels of comparability /stratifications (defined)

Province

Time

Institution

RESULT UPDATES

Indicator Results

[Click here to view Health Quality Ontario results for this indicator](#)

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bloodstream infections

OTHER RELEVANT INFORMATION

Caveats and Limitations

Data are self-reported by hospitals.

TAGS

TAGS*

Acute Care/Hospital
Outcome
Patient Safety and Never Events
Safe
Self-Reporting Initiative (SRI)

PUBLISH

PUBLISH DATETIME*

19/10/2017 12:08:00