

**Central Line-Associated Bloodstream Infection (CLABSI) Rates in Adult Intensive Care Units in Illinois Hospitals as reported by the National Healthcare Safety Network (NHSN)**



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| Hospital Name                 | ICU TYPE | Number of CLABSI | Number of Central Line Days <sup>(1)</sup> | Hospital Rate per 1000 Central Line Days <sup>(2)</sup> | NHSN National Rate Per 1000 Central Line Days <sup>(3)</sup> | p-value <sup>(4)</sup> | Interpretation <sup>(5)</sup>                      |
|-------------------------------|----------|------------------|--|---|--|------------------------|--|
| Crossroads Community Hospital | MED ICU  | 0                | 78   | 0   | 2.4  | 0.832                  | Rate is not statistically different than NHSN rate |

1. The total number of days of exposure to the device (central line) by all of the patients in the selected population (ICU) during the selected time period (Jan 1 2009 -Jun 30 2009).
2. The CLABSI rate is calculated per 1000 central line-days by dividing the number of CLABSI by the number of central line-days and multiplying the result by 1000.
3. Rate for all participating NHSN hospitals of that location type (the patient care area to which a patient is assigned while receiving care while in the facility).
4. The probability value (p-value) from a significance test comparing the local hospital to the NHSN aggregate rate.
5. Significance criteria is  $p < 0.05$  (95% confidence).

