

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



Fel Quinn, Governor  
Damon T. Arnold, M.D., M.P.H., Director

122 S. Michigan Ave., Suite 7000 • Chicago, IL 60603-6119 • www.idph.state.il.us

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>
University of Illinois Medical Center at Chicago	MED/SURG ICU	1	519	1.927	1.5	0.533	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).

