

**Central Line Associated Blood Stream (CLABSI) Infection Rates  
in all Critical Care Units in Delaware Hospitals (2008) and as reported by  
the National Health Safety Network (NHSN) (2006-2007)**

<b>Hospital</b>	<b>Number of Infections</b>	<b>Number of Central Line days<sup>1</sup></b>	<b>Hospital CLABSI Rate/1000<sup>2</sup></b>	<b>NHSN CLABSI Rate/1000<sup>3</sup></b>	<b>CLABSI Rate Percentile<sup>4</sup></b>	<b>p value<sup>5</sup></b>	<b>Interpretation<sup>6</sup></b>
A. I. duPont Hospital for Children	3	3026	1.0	2.9	37%	0.0266	Rate is significantly lower than NHSN rate
Christiana Care Health System-Christiana Hospital	11	5030	2.2	2.4	54%	0.4770	Rate is not statistically different than NHSN rate
Christiana Care Health System – Wilmington Hospital	4	1322	3.0	1.5	84%	0.1322	Rate is not statistically different than NHSN rate
St. Francis Hospital	2	1160	1.7	2.4	46%	0.4847	Rate is not statistically different than NHSN rate
BayHealth Medical Center – Kent General Hospital	8	2330	3.4	1.5	88%	0.0237	Rate is significantly higher than NHSN rate
BayHealth Medical Center – Milford Memorial Hospital	0	809	0.0	1.5	25%	0.3051	Rate is not statistically different than NHSN rate
Beebe Medical Center	1	2386	0.4	1.5	42%	0.1358	Rate is not statistically different than NHSN rate
Nanticoke Memorial Hospital	3	1325	2.3	1.5	78%	0.3082	Rate is not statistically different than NHSN rate

<sup>1</sup> 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 (2008).

<sup>2</sup> (Infections/device-days) x 1000

<sup>3</sup> 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).

<sup>4</sup> An estimate of where the local facility rate falls on the distribution of the rate for all NHSN facilities of that type of location. For example, a percentile of 75% means that 75% of NHSN hospitals were below this rate.

<sup>5</sup> The probability value from a significance test comparing the local hospital to the NHSN aggregate rate.

<sup>6</sup> Significance criteria is p<0.05 (95% confidence)