

**Healthcare-Associated Infections  
Delaware Acute Care Hospitals  
1st Quarter 2018: January - March 2018**

Central Line-Associated Bloodstream Infection (CLABSI)		Number of infections	
CLABSI <sup>€</sup>	Central line days	Observed	Predicted
Statewide	15,939	10	16.5
SIR* = 0.61		95% CL**= (0.31, 1.08)	
Hospital	Central line days	Observed	Predicted
Al duPont	2,430	3	3.02
Bayhealth, Kent	1,906	0	1.98
Bayhealth, Milford	361	0	0.33
Beebe	1,287	1	0.93
Christiana	7,384	5	8.08
Nanticoke	729	1	0.51
St. Francis	795	0	0.72
Wilmington Hospital	1,047	0	0.92

Methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) - Lab-Identified		Number of infections	
MRSA	Patient Days	Observed	Predicted
Statewide	136,380	17	10.71
SIR* = 1.59		95% CL**= (0.96, 2.49)	
Hospital	Patient Days	Observed	Predicted
Al duPont	13,345	1	0.46
Bayhealth, Kent	21,621	2	1.63
Bayhealth, Milford	5,555	0	0.25
Beebe	11,221	0	0.64
Christiana	58,740	10	6.39
Nanticoke	6,194	1	0.18
St. Francis	6,621	0	0.34
Wilmington Hospital	13,083	3	0.81

Catheter-Associated Urinary Tract Infection (CAUTI)		Number of infections	
CAUTI <sup>¥</sup>	Catheter days	Observed	Predicted
Statewide	11,075	7	14.60
SIR* = 0.48		95% CL**= (0.21, 0.95)	
Hospital	Catheter days	Observed	Predicted
Al duPont	311	0	0.36
Bayhealth, Kent	2,040	1	3.17
Bayhealth, Milford	491	0	0.51
Beebe	1,216	0	0.87
Christiana	5,037	5	7.91
Nanticoke	805	0	0.56
St. Francis	617	0	0.65
Wilmington Hospital	558	1	0.58

<i>Clostridium difficile</i> (C diff) - Lab-Identified		Number of infections	
C diff	Patient Days	Observed	Predicted
Statewide	129,268	63	83.99
SIR* = 0.75		95% CL**= (0.58, 0.95)	
Hospital	Patient Days	Observed	Predicted
Al duPont	12,041	10	6.55
Bayhealth, Kent	19,752	13	13.04
Bayhealth, Milford	5,384	4	3.58
Beebe	11,221	10	7.12
Christiana	55,147	21	41.22
Nanticoke	6,194	2	2.60
St. Francis	6,446	0	3.47
Wilmington Hospital	13,083	3	6.41

SSIs with event date within 30 days of procedure; in-plan, inpatient procedures in patients >= 18 years			
Surgical Site Infections (SSIs)		Number of infections	
Colon surgery	Procedures	Observed	Predicted
Statewide	259	7	7.07
SIR* = 0.99		95% CL**= (0.43, 1.96)	
Hospital	Procedures	Observed	Predicted
Al duPont <sup>#</sup>	-----		
Bayhealth, Kent	33	3	0.90
Bayhealth, Milford	11	1	0.31
Beebe	34	1	0.85
Christiana	154	2	4.21
Nanticoke	6	0	0.16
St. Francis	5	0	0.17
Wilmington Hospital	16	0	0.48

SSIs with event date within 30 days of procedure; in-plan, inpatient procedures in patients >= 18 years			
Surgical Site Infections (SSIs)		Number of infections	
Abdominal Hysterectomy	Procedures	Observed	Predicted
Statewide	199	2	1.66
SIR* = 1.21		95% CL**= (0.20, 3.99)	
Hospital	Procedures	Observed	Predicted
Al duPont <sup>#</sup>	-----		
Bayhealth, Kent	28	0	0.22
Bayhealth, Milford	11	0	0.09
Beebe	7	1	0.05
Christiana	107	1	0.93
Nanticoke	9	0	0.09
St. Francis	23	0	0.18
Wilmington Hospital	14	0	0.11

Data contained in this report were generated on May 16, 2019.

Note: Predicted numbers of infections are calculated based on 2015 baseline established in December 2016

# - Colon surgeries and hysterectomies are not routinely performed at this hospital (pediatric population)

€ - as of 1/1/2015 CMS reporting requirements for CLABSI include Adult & Pediatric, Medical Surgical, & Medical/Surgical Wards, in addition to Adult, Pediatric & Neonatal ICUs

¥ - as of 1/1/2015 CMS reporting requirements for CAUTI include Adult & Pediatric, Medical Surgical, & Medical/Surgical Wards, in addition to Adult & Pediatric ICUs

\* SIR = Standardized Infection Ratio

\*\* CL = Confidence Limit