

**Healthcare-Associated Infections  
Delaware Acute Care Hospitals  
1st Quarter 2016: January - March 2016**

Central Line-Associated Bloodstream Infections (CLABSI)		Number of infections	
CLABSI €	Central line days	Observed	Predicted
Statewide	16,664	19	17.37
SIR* = 1.09		95% CL**= 0.67, 1.68	
Hospital	Central line days	Observed	Predicted
Al duPont	3,219	5	4.09
Bayhealth, Kent	1,765	2	1.42
Bayhealth, Milford	486	0	0.34
Beebe	1,505	0	1.09
Christiana	7,295	10	8.39
Nanticoke	570	0	0.40
St. Francis	791	1	0.74
Wilmington Hospital	1,033	1	0.92

Methicillin-resistant Staphylococcus aureus (MRSA) - Lab-Identified		Number of infections	
MRSA	Patient Days	Observed	Predicted
Statewide	140,562	7	7.64
SIR* = 0.92		95% CL**= (0.40, 1.81)	
Hospital	Patient Days	Observed	Predicted
Al duPont	12,858	0	0.64
Bayhealth, Kent	20,912	1	0.96
Bayhealth, Milford	4,931	0	0.21
Beebe	11,437	1	0.51
Christiana	67,016	2	4.22
Nanticoke	5,172	0	0.15
St. Francis	5,294	0	0.27
Wilmington Hospital	12,942	3	0.70

Catheter-Associated Urinary Tract Infections (CAUTI)		Number of infections	
CAUTI ¥	Catheter days	Observed	Predicted
Statewide	11,990	13	15.40
SIR* = 0.84		95% CL**= 0.47, 1.41	
Hospital	Catheter days	Observed	Predicted
Al duPont	647	2	0.80
Bayhealth, Kent	1,835	2	1.91
Bayhealth, Milford	493	2	0.35
Beebe	1,604	0	1.13
Christiana	5,258	6	9.17
Nanticoke	958	0	0.67
St. Francis	584	0	0.59
Wilmington Hospital	611	1	0.77

Clostridium difficile (C diff) - Lab-Identified		Number of infections	
C diff	Patient Days	Observed	Predicted
Statewide	131,188	81	92.73
SIR* = 0.87		95% CL**= (0.70, 1.08)	
Hospital	Patient Days	Observed	Predicted
Al duPont	12,858	7	7.62
Bayhealth, Kent	18,792	7	12.95
Bayhealth, Milford	4,736	3	2.61
Beebe	11,437	9	6.87
Christiana	60,315	40	51.23
Nanticoke	5,172	5	2.09
St. Francis	4,936	3	3.38
Wilmington Hospital	12,942	7	5.97

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	299	10	8.06
SIR* = 1.24		95% CL**= (0.63, 2.21)	
Hospital	Procedures	Observed	Predicted
Al duPont#	-----	-----	-----
Bayhealth, Kent	49	0	1.28
Bayhealth, Milford	17	4	0.48
Beebe	18	0	0.47
Christiana	180	5	4.91
Nanticoke	15	0	0.36
St. Francis	4	1	0.10
Wilmington Hospital	16	0	0.46

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	165	2	1.35
SIR* = 1.48		95% CL**= (0.25, 1.47)	
Hospital	Procedures	Observed	Predicted
Al duPont#	-----	-----	-----
Bayhealth, Kent	28	0	0.21
Bayhealth, Milford	8	0	0.06
Beebe	11	0	0.09
Christiana	96	1	0.80
Nanticoke	8	0	0.08
St. Francis	9	1	0.08
Wilmington Hospital	5	0	0.04

Data contained in this report were generated on November 3, 2017

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