

**Healthcare-Associated Infections  
Delaware Acute Care Hospitals  
4th Quarter 2017: October - December 2017**

Central Line-Associated Bloodstream Infections (CLABSI)		Number of infections	
CLABSI €	Central line days	Observed	Predicted
Statewide	16,339	19	17.04
SIR* = 1.12		95% CL**= (0.69, 1.71)	
Hospital	Central line days	Observed	Predicted
Al duPont	3,061	8	4.07
Bayhealth, Kent	1,869	0	1.48
Bayhealth, Milford	313	0	0.23
Beebe	1,616	2	1.16
Christiana	7,029	6	8.02
Nanticoke	791	1	0.55
St. Francis	730	0	0.59
Wilmington Hospital	930	2	0.95

Methicillin-resistant Staphylococcus aureus (MRSA) - Lab-Identified		Number of infections	
MRSA	Patient Days	Observed	Predicted
Statewide	133,857	7	7.78
SIR* = 0.90		95% CL**= (0.39, 1.78)	
Hospital	Patient Days	Observed	Predicted
Al duPont	13,855	1	0.48
Bayhealth, Kent	20,530	0	0.90
Bayhealth, Milford	5,069	0	0.16
Beebe	11,511	0	0.52
Christiana	59,314	4	4.48
Nanticoke	5,698	1	0.16
St. Francis	5,020	0	0.20
Wilmington Hospital	12,860	1	0.89

Catheter-Associated Urinary Tract Infections (CAUTI)		Number of infections	
CAUTI ¥	Catheter days	Observed	Predicted
Statewide	10,978	15	13.28
SIR* = 1.13		95% CL**= (0.66, 1.82)	
Hospital	Catheter days	Observed	Predicted
Al duPont	417	2	0.49
Bayhealth, Kent	2,005	0	2.10
Bayhealth, Milford	407	0	0.29
Beebe	1,302	3	0.93
Christiana	4,626	8	7.53
Nanticoke	1,086	1	0.76
St. Francis	607	0	0.50
Wilmington Hospital	528	1	0.66

Clostridium difficile (C diff) - Lab-Identified		Number of infections	
C diff	Patient Days	Observed	Predicted
Statewide	124,774	81	85.85
SIR* = 0.94		95% CL**= (0.75, 1.17)	
Hospital	Patient Days	Observed	Predicted
Al duPont	12,323	11	6.78
Bayhealth, Kent	18,580	12	12.69
Bayhealth, Milford	4,884	9	2.34
Beebe	11,511	2	7.45
Christiana	53,898	30	42.62
Nanticoke	5,698	7	2.99
St. Francis	5,020	2	4.14
Wilmington Hospital	12,860	8	6.85

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	265	6	7.59
SIR* = 0.92		95% CL**= (0.40, 1.82)	
Hospital	Procedures	Observed	Predicted
Al duPont#	-----		
Bayhealth, Kent	31	0	0.86
Bayhealth, Milford	12	0	0.34
Beebe	34	3	0.95
Christiana	160	2	4.63
Nanticoke	8	0	0.23
St. Francis	11	1	0.35
Wilmington Hospital	9	0	0.24

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	142	4	1.25
SIR* = 3.20		95% CL**= (1.02, 7.71)	
Hospital	Procedures	Observed	Predicted
Al duPont#	-----		
Bayhealth, Kent	30	0	0.27
Bayhealth, Milford	8	0	0.06
Beebe	4	0	0.04
Christiana	62	1	0.56
Nanticoke	7	1	0.08
St. Francis	28	1	0.22
Wilmington Hospital	3	1	0.02

Data contained in this report were generated on June 8, 2018.

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