

**Healthcare-Associated Infections
Delaware Acute Care Hospitals
1st Quarter 2017: January - March 2017**

Central Line-Associated Bloodstream Infections (CLABSI)		Number of infections	
CLABSI €	Central line days	Observed	Predicted
Statewide	16,545	15	17.33
SIR* = 0.87		95% CL**= (0.50, 1.40)	
Hospital	Central line days	Observed	Predicted
Al duPont	3,305	3	4.11
Bayhealth, Kent	1,720	0	1.40
Bayhealth, Milford	272	0	0.19
Beebe	1,647	0	1.18
Christiana	7,285	12	8.38
Nanticoke	476	0	0.33
St. Francis	633	0	0.52
Wilmington Hospital	1,207	0	1.22

Methicillin-resistant Staphylococcus aureus (MRSA) - Lab-Identified		Number of infections	
MRSA	Patient Days	Observed	Predicted
Statewide	137,636	10	8.46
SIR* = 1.18		95% CL**= (0.60, 2.11)	
Hospital	Patient Days	Observed	Predicted
Al duPont	13,624	0	0.47
Bayhealth, Kent	20,752	1	0.91
Bayhealth, Milford	4,908	0	0.28
Beebe	12,921	0	0.40
Christiana	62,726	9	4.74
Nanticoke	5,245	0	0.22
St. Francis	4,953	0	0.20
Wilmington Hospital	12,507	0	1.24

Catheter-Associated Urinary Tract Infections (CAUTI)		Number of infections	
CAUTI ¥	Catheter days	Observed	Predicted
Statewide	12,050	17	14.72
SIR* = 1.15		95% CL**= (0.70, 1.81)	
Hospital	Catheter days	Observed	Predicted
Al duPont	447	3	0.48
Bayhealth, Kent	2,366	6	2.51
Bayhealth, Milford	502	1	0.35
Beebe	1,590	1	1.14
Christiana	5,095	5	8.41
Nanticoke	909	0	0.63
St. Francis	548	0	0.45
Wilmington Hospital	593	1	0.75

Clostridium difficile (C diff) - Lab-Identified		Number of infections	
C diff	Patient Days	Observed	Predicted
Statewide	127,420	83	93.03
SIR* = 0.89		95% CL**= (0.72, 1.10)	
Hospital	Patient Days	Observed	Predicted
Al duPont	12,030	8	9.31
Bayhealth, Kent	18,934	11	15.44
Bayhealth, Milford	4,726	1	3.18
Beebe	12,921	12	7.26
Christiana	56,308	36	47.28
Nanticoke	5,245	5	1.78
St. Francis	4,749	3	2.66
Wilmington Hospital	12,507	7	6.12

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	297	7	8.36
SIR* = 0.84		95% CL**= (0.37, 1.66)	
Hospital	Procedures	Observed	Predicted
Al duPont#	-----		
Bayhealth, Kent	44	2	1.22
Bayhealth, Milford	8	1	0.21
Beebe	39	1	0.96
Christiana	171	0	4.96
Nanticoke	7	0	0.18
St. Francis	7	0	0.19
Wilmington Hospital	21	3	0.64

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	173	2	1.43
SIR* = 1.40		95% CL**= (0.23, 4.62)	
Hospital	Procedures	Observed	Predicted
Al duPont#	-----		
Bayhealth, Kent	34	0	0.24
Bayhealth, Milford	6	0	0.05
Beebe	12	0	0.10
Christiana	96	2	0.84
Nanticoke	10	0	0.10
St. Francis	11	0	0.08
Wilmington Hospital	4	0	0.03

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