

**Healthcare-Associated Infections
Delaware Acute Care Hospitals
2nd Quarter 2017: April - June 2017**

Central Line-Associated Bloodstream Infections (CLABSI)		Number of infections	
CLABSI €	Central line days	Observed	Predicted
Statewide	15,771	20	16.69
SIR* = 1.20		95% CL* = (0.75, 1.82)	
Hospital	Central line days	Observed	Predicted
Al duPont	3,810	6	4.82
Bayhealth, Kent	1,560	1	1.26
Bayhealth, Milford	384	0	0.28
Beebe	1,425	2	1.03
Christiana	6,462	9	7.42
Nanticoke	495	0	0.35
St. Francis	588	1	0.48
Wilmington Hospital	1,047	1	1.06

Methicillin-resistant Staphylococcus aureus (MRSA) - Lab-Identified		Number of infections	
MRSA	Patient Days	Observed	Predicted
Statewide	132,077	6	10.11
SIR* = 0.59		95% CL* = (0.24, 1.24)	
Hospital	Patient Days	Observed	Predicted
Al duPont	13,295	0	0.66
Bayhealth, Kent	19,527	0	0.67
Bayhealth, Milford	4,347	0	0.20
Beebe	12,786	0	0.40
Christiana	60,661	3	6.60
Nanticoke	4,716	0	0.19
St. Francis	5,076	1	0.23
Wilmington Hospital	11,669	2	1.16

Catheter-Associated Urinary Tract Infections (CAUTI)		Number of infections	
CAUTI ¥	Catheter days	Observed	Predicted
Statewide	11,186	13	14.01
SIR* = 0.93		95% CL* = (0.52, 1.55)	
Hospital	Catheter days	Observed	Predicted
Al duPont	625	2	0.70
Bayhealth, Kent	2,186	0	2.25
Bayhealth, Milford	442	1	0.31
Beebe	1,413	2	1.01
Christiana	4,571	7	8.00
Nanticoke	834	0	0.59
St. Francis	576	0	0.47
Wilmington Hospital	539	1	0.68

Clostridium difficile (C diff) - Lab-Identified		Number of infections	
C diff	Patient Days	Observed	Predicted
Statewide	121,578	55	84.94
SIR* = 0.65		95% CL* = (0.491, 0.84)	
Hospital	Patient Days	Observed	Predicted
Al duPont	11,798	1	10.61
Bayhealth, Kent	17,806	11	12.06
Bayhealth, Milford	4,217	5	2.38
Beebe	12,279	8	7.30
Christiana	54,017	22	41.98
Nanticoke	4,716	1	1.80
St. Francis	5,076	3	2.93
Wilmington Hospital	11,669	4	5.89

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	307	6	8.83
SIR* = 0.68		95% CL** = (0.28, 1.41)	
Hospital	Procedures	Observed	Predicted
Al duPont#	-----		
Bayhealth, Kent	44	0	1.22
Bayhealth, Milford	12	1	0.36
Beebe	39	0	0.95
Christiana	179	4	5.37
Nanticoke	10	0	0.26
St. Francis	6	0	0.19
Wilmington Hospital	17	1	0.48

SSIs with event date within 30 days of procedure; SSI - Inpatient procedures only			
Surgical Site Infections (SSIs)		Number of infections	
Abdominal Hysterectomy	Procedures	Observed	Predicted
Statewide	153	3	1.27
SIR* = 2.35		95% CL* = (0.60, 6.41)	
Hospital	Procedures	Observed	Predicted
Al duPont#	-----		
Bayhealth, Kent	45	0	0.35
Bayhealth, Milford	12	0	0.08
Beebe	9	0	0.08
Christiana	58	2	0.54
Nanticoke	11	0	0.10
St. Francis	15	1	0.12
Wilmington Hospital	3	0	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