

**Healthcare-Associated Infections  
Delaware Acute Care Hospitals  
2nd Quarter 2018: April - June 2018**

Central Line-Associated Bloodstream Infection (CLABSI)		Number of infections	
CLABSI <sup>€</sup>	Central line days	Observed	Predicted
Statewide	14,224	15	15.12
SIR* = 1.00		95% CL* = (0.58, 1.60)	
Hospital	Central line days	Observed	Predicted
Al duPont	2,298	4	2.84
Bayhealth, Kent	1,235	0	1.30
Bayhealth, Milford	324	0	0.30
Beebe	951	0	0.68
Christiana	7,106	10	8.03
Nanticoke	470	0	0.33
St. Francis	793	0	0.72
Wilmington Hospital	1,047	1	0.91

Methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) - Lab-Identified		Number of infections	
MRSA	Patient Days	Observed	Predicted
Statewide	136,998	8	8.34
SIR* = 0.96		95% CL* = (0.45, 1.82)	
Hospital	Patient Days	Observed	Predicted
Al duPont	12,404	0	0.62
Bayhealth, Kent	20,115	0	1.19
Bayhealth, Milford	5,331	0	0.24
Beebe	10,348	1	0.32
Christiana	64,864	6	4.90
Nanticoke	5,893	1	0.24
St. Francis	6,484	0	0.33
Wilmington Hospital	11,559	0	0.50

Catheter-Associated Urinary Tract Infection (CAUTI)		Number of infections	
CAUTI <sup>¥</sup>	Catheter days	Observed	Predicted
Statewide	9,468	9	12.73
SIR* = 0.71		95% CL* = (0.35, 1.30)	
Hospital	Catheter days	Observed	Predicted
Al duPont	412	1	0.43
Bayhealth, Kent	1,774	1	2.90
Bayhealth, Milford	384	0	0.40
Beebe	850	2	0.60
Christiana	4,326	5	6.81
Nanticoke	558	0	0.39
St. Francis	679	0	0.71
Wilmington Hospital	485	0	0.50

<i>Clostridium difficile</i> (C diff) - Lab-Identified		Number of infections	
C diff	Patient Days	Observed	Predicted
Statewide	127,353	62	85.73
SIR* = 0.72		95% CL* = (0.56, 0.92)	
Hospital	Patient Days	Observed	Predicted
Al duPont	10,941	9	5.05
Bayhealth, Kent	18,259	5	14.05
Bayhealth, Milford	5,163	4	3.99
Beebe	10,348	7	6.57
Christiana	59,076	27	44.38
Nanticoke	5,893	2	3.62
St. Francis	6,114	1	3.10
Wilmington Hospital	11,559	7	4.98

SSIs with event date within 30 days of procedure; in-plan, inpatient procedures in patients >=18 years		Number of infections	
Surgical Site Infections (SSIs)		Number of infections	
Colon surgery	Procedures	Observed	Predicted
Statewide	253	3	7.13
SIR* = 0.42		95% CL** = (0.11, 1.15)	
Hospital	Procedures	Observed	Predicted
Al duPont <sup>#</sup>	-----	-----	-----
Bayhealth, Kent	37	0	0.98
Bayhealth, Milford	10	0	0.29
Beebe	49	1	1.19
Christiana	113	2	3.42
Nanticoke	13	0	0.34
St. Francis	9	0	0.25
Wilmington Hospital	22	0	0.68

SSIs with event date within 30 days of procedure; in-plan, inpatient procedures in patients >=18 years		Number of infections	
Surgical Site Infections (SSIs)		Number of infections	
Abdominal Hysterectomy	Procedures	Observed	Predicted
Statewide	208	4	1.76
SIR* = 2.28		95% CL* = (0.72, 5.49)	
Hospital	Procedures	Observed	Predicted
Al duPont <sup>#</sup>	-----	-----	-----
Bayhealth, Kent	26	0	0.22
Bayhealth, Milford	8	0	0.07
Beebe	16	0	0.12
Christiana	114	3	1.00
Nanticoke	12	0	0.10
St. Francis	20	0	0.16
Wilmington Hospital	12	1	0.09

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