

**Healthcare-Associated Infections
Delaware Acute Care Hospitals
3rd Quarter 2018: July - September 2018**

Central Line-Associated Bloodstream Infection (CLABSI)		Number of infections	
CLABSI €	Central line days	Observed	Predicted
Statewide	15,792	7	16.96
SIR* = 0.41		95% CL* = (0.18, 0.82)	
Hospital	Central line days	Observed	Predicted
Al duPont	2,671	3	3.47
Bayhealth, Kent	1,390	0	1.46
Bayhealth, Milford	133	0	0.13
Beebe	1,023	0	0.73
Christiana	8,329	4	9.27
Nanticoke	579	0	0.41
St. Francis	772	0	0.70
Wilmington Hospital	895	0	0.78

Methicillin-resistant <i>Staphylococcus aureus</i> (MRSA) - Lab-Identified		Number of infections	
MRSA	Patient Days	Observed	Predicted
Statewide	134,226	7	10.41
SIR* = 0.67		95% CL* = (0.29, 1.33)	
Hospital	Patient Days	Observed	Predicted
Al duPont	13,269	1	0.46
Bayhealth, Kent	21,354	0	1.61
Bayhealth, Milford	5,613	0	0.32
Beebe	10,562	0	0.60
Christiana	59,191	5	6.44
Nanticoke	5,637	0	0.23
St. Francis	6,224	0	0.32
Wilmington Hospital	12,376	1	0.42

Catheter-Associated Urinary Tract Infection (CAUTI)		Number of infections	
CAUTI ¥	Catheter days	Observed	Predicted
Statewide	9,532	9	12.87
SIR* = 0.70		95% CL* = (0.34, 1.28)	
Hospital	Catheter days	Observed	Predicted
Al duPont	377	0	0.41
Bayhealth, Kent	1,574	3	2.63
Bayhealth, Milford	217	0	0.23
Beebe	963	0	0.69
Christiana	4,691	5	7.34
Nanticoke	602	0	0.42
St. Francis	691	0	0.72
Wilmington Hospital	417	1	0.43

<i>Clostridium difficile</i> (C diff) - Lab-Identified		Number of infections	
C diff	Patient Days	Observed	Predicted
Statewide	128,316	55	85.48
SIR* = 0.64		95% CL* = (0.49, 0.83)	
Hospital	Patient Days	Observed	Predicted
Al duPont	11,705	7	5.34
Bayhealth, Kent	20,192	13	13.45
Bayhealth, Milford	5,397	5	3.34
Beebe	10,562	3	6.12
Christiana	56,803	16	44.10
Nanticoke	5,637	5	3.02
St. Francis	5,644	1	3.61
Wilmington Hospital	12,376	5	6.51

SSIs with event date within 30 days of procedure; in-plan, inpatient procedures in patients >=18 years		Number of infections	
Surgical Site Infections (SSIs)	Procedures	Observed	Predicted
Statewide	294	2	7.91
SIR* = 0.25		95% CL** = (0.04, 0.84)	
Hospital	Procedures	Observed	Predicted
Al duPont#	-----	-----	-----
Bayhealth, Kent	38	0	0.92
Bayhealth, Milford	9	1	0.24
Beebe	49	0	1.17
Christiana	159	1	4.53
Nanticoke	10	0	0.28
St. Francis	14	0	0.35
Wilmington Hospital	15	0	0.42

SSIs with event date within 30 days of procedure; in-plan, inpatient procedures in patients >=18 years		Number of infections	
Abdominal Hysterectomy	Procedures	Observed	Predicted
Statewide	180	1	1.52
SIR* = 0.66		95% CL* = (0.03, 3.25)	
Hospital	Procedures	Observed	Predicted
Al duPont#	-----	-----	-----
Bayhealth, Kent	23	0	0.19
Bayhealth, Milford	8	0	0.07
Beebe	9	0	0.09
Christiana	110	1	0.92
Nanticoke	11	0	0.11
St. Francis	11	0	0.09
Wilmington Hospital	8	0	0.05

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