

**Healthcare-Associated Infections
Delaware Acute Care Hospitals
3rd Quarter 2017: July - September 2017**

Central Line-Associated Bloodstream Infections (CLABSI)		Number of infections	
CLABSI [€]	Central line days	Observed	Predicted
Statewide	15,367	20	16.18
SIR* = 1.24		95% CL* = (0.78, 1.88)	
Hospital	Central line days	Observed	Predicted
Al duPont	3,375	8	4.50
Bayhealth, Kent	1,442	0	1.15
Bayhealth, Milford	374	0	0.27
Beebe	1,346	1	0.97
Christiana	6,812	10	7.54
Nanticoke	466	1	0.33
St. Francis	635	0	0.51
Wilmington Hospital	917	0	0.92

Methicillin-resistant Staphylococcus aureus (MRSA) - Lab-Identified		Number of infections	
MRSA	Patient Days	Observed	Predicted
Statewide	129,132	5	8.32
SIR* = 0.60		95% CL* = (0.22, 1.33)	
Hospital	Patient Days	Observed	Predicted
Al duPont	12,096	0	0.60
Bayhealth, Kent	19,162	1	0.84
Bayhealth, Milford	4,575	0	0.18
Beebe	11,200	0	0.64
Christiana	60,470	4	4.57
Nanticoke	5,746	0	0.24
St. Francis	4,492	0	0.13
Wilmington Hospital	11,391	0	1.13

Catheter-Associated Urinary Tract Infections (CAUTI)		Number of infections	
CAUTI [¥]	Catheter days	Observed	Predicted
Statewide	10,567	6	13.18
SIR* = 0.46		95% CL* = (0.19, 0.95)	
Hospital	Catheter days	Observed	Predicted
Al duPont	383	0	0.44
Bayhealth, Kent	1,946	0	2.04
Bayhealth, Milford	473	1	0.34
Beebe	1,248	1	0.89
Christiana	4,789	4	7.98
Nanticoke	814	0	0.57
St. Francis	533	0	0.44
Wilmington Hospital	381	0	0.48

Clostridium difficile (C diff) - Lab-Identified		Number of infections	
C diff	Patient Days	Observed	Predicted
Statewide	118,785	63	84.68
SIR* = 0.74		95% CL* = (0.58, 0.95)	
Hospital	Patient Days	Observed	Predicted
Al duPont	10,723	6	8.99
Bayhealth, Kent	17,302	8	12.58
Bayhealth, Milford	4,335	4	2.65
Beebe	11,200	8	7.21
Christiana	53,596	31	43.25
Nanticoke	5,746	2	2.21
St. Francis	4,492	3	2.16
Wilmington Hospital	11,391	1	5.64

SSIs with event date within 30 days of procedure; in-plan, inpatient procedures in patients >=18 years			
Surgical Site Infections (SSIs)		Number of infections	
Colon surgery	Procedures	Observed	Predicted
Statewide	291	1	7.26
SIR* = 0.14		95% CL** = (0.01, 0.68)	
Hospital	Procedures	Observed	Predicted
Al duPont [#]	-----		
Bayhealth, Kent	33	0	0.91
Bayhealth, Milford	15	0	0.42
Beebe	31	0	0.76
Christiana	153	0	4.20
Nanticoke	12	0	0.33
St. Francis	11	1	0.31
Wilmington Hospital	12	0	0.33

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	133	2	1.15
SIR* = 1.74		95% CL* = (0.29, 5.75)	
Hospital	Procedures	Observed	Predicted
Al duPont [#]	-----		
Bayhealth, Kent	30	0	0.26
Bayhealth, Milford	9	0	0.07
Beebe	4	0	0.03
Christiana	59	1	0.53
Nanticoke	13	0	0.11
St. Francis	17	0	0.15
Wilmington Hospital	1	1	0.01

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