

**Healthcare-Associated Infections
Delaware Acute Care Hospitals
2nd Quarter 2016: April - June 2016**

Central Line-Associated Bloodstream Infections (CLABSI)		Number of infections	
CLABSI [€]	Central line days	Observed	Predicted
Statewide	15,505	15	16.36
SIR* = 0.92		95% CL* = 0.53, 1.48	
Hospital	Central line days	Observed	Predicted
Al duPont	3,057	2	4.14
Bayhealth, Kent	1,801	0	1.42
Bayhealth, Milford	510	0	0.36
Beebe	1,494	0	1.07
Christiana	6,510	9	7.54
Nanticoke	486	1	0.34
St. Francis	693	0	0.65
Wilmington Hospital	954	3	0.84

Methicillin-resistant Staphylococcus aureus (MRSA) - Lab-Identified		Number of infections	
MRSA	Patient Days	Observed	Predicted
Statewide	172,875	5	8.99
SIR* = 0.56		95% CL* = (0.20, 1.23)	
Hospital	Patient Days	Observed	Predicted
Al duPont	10,412	0	0.52
Bayhealth, Kent	20,228	0	0.93
Bayhealth, Milford	4,774	0	0.20
Beebe	49,824	0	1.97
Christiana	65,600	4	4.13
Nanticoke	5,039	1	0.14
St. Francis	5,007	0	0.28
Wilmington Hospital	11,991	0	0.83

Catheter-Associated Urinary Tract Infections (CAUTI)		Number of infections	
CAUTI [¥]	Catheter days	Observed	Predicted
Statewide	11,236	12	14.31
SIR* = 0.84		95% CL* = 0.45, 1.43	
Hospital	Catheter days	Observed	Predicted
Al duPont	538	0	0.66
Bayhealth, Kent	1,786	2	1.76
Bayhealth, Milford	462	0	0.33
Beebe	1,387	1	0.98
Christiana	4,904	9	8.60
Nanticoke	1,022	0	0.71
St. Francis	619	0	0.62
Wilmington Hospital	518	0	0.66

Clostridium difficile (C diff) - Lab-Identified		Number of infections	
C diff	Patient Days	Observed	Predicted
Statewide	121,756	98	85.69
SIR* = 1.14		95% CL* = (0.93, 1.39)	
Hospital	Patient Days	Observed	Predicted
Al duPont	10,412	7	5.91
Bayhealth, Kent	18,576	12	13.76
Bayhealth, Milford	4,585	5	2.35
Beebe	11,463	10	6.65
Christiana	55,054	43	45.95
Nanticoke	5,039	5	1.93
St. Francis	4,586	2	2.97
Wilmington Hospital	12,041	14	6.17

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	10	7.87
SIR* = 1.27		95% CL** = (0.65, 2.26)	
Hospital	Procedures	Observed	Predicted
Al duPont [#]	-----		
Bayhealth, Kent	44	3	1.15
Bayhealth, Milford	8	0	0.22
Beebe	44	0	1.04
Christiana	170	6	4.63
Nanticoke	11	0	0.29
St. Francis	6	0	0.17
Wilmington Hospital	14	1	0.37

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	171	2	1.45
SIR* = 1.38		95% CL* = (0.23, 4.57)	
Hospital	Procedures	Observed	Predicted
Al duPont [#]	-----		
Bayhealth, Kent	37	0	0.31
Bayhealth, Milford	11	0	0.10
Beebe	14	2	0.14
Christiana	89	0	0.75
Nanticoke	7	0	0.05
St. Francis	4	0	0.03
Wilmington Hospital	9	0	0.07

Data contained in this report were generated on November 3, 2017

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