

**Healthcare-Associated Infections
Delaware Acute Care Hospitals
3rd Quarter 2016: July - September 2016**

Central Line-Associated Bloodstream Infections (CLABSI)		Number of infections	
CLABSI €	Central line days	Observed	Predicted
Statewide	16,460	11	16.93
SIR* = 0.65		95% CL* = 0.34, 1.13	
Hospital	Central line days	Observed	Predicted
Al duPont	3,097	0	3.94
Bayhealth, Kent	1,773	1	1.42
Bayhealth, Milford	609	0	0.42
Beebe	1,715	3	1.22
Christiana	7,270	5	8.24
Nanticoke	499	1	0.35
St. Francis	515	0	0.48
Wilmington Hospital	982	1	0.86

Methicillin-resistant Staphylococcus aureus (MRSA) - Lab-Identified		Number of infections	
MRSA	Patient Days	Observed	Predicted
Statewide	130,678	9	7.70
SIR* = 1.17		95% CL* = (0.57, 2.15)	
Hospital	Patient Days	Observed	Predicted
Al duPont	10,059	0	0.35
Bayhealth, Kent	20,885	2	1.76
Bayhealth, Milford	4,311	0	0.18
Beebe	12,038	1	0.48
Christiana	62,312	4	3.92
Nanticoke	4,952	0	0.14
St. Francis	4,468	0	0.25
Wilmington Hospital	11,653	2	0.63

Catheter-Associated Urinary Tract Infections (CAUTI)		Number of infections	
CAUTI ¥	Catheter days	Observed	Predicted
Statewide	11,356	15	14.76
SIR* = 1.02		95% CL* = 0.59, 1.64	
Hospital	Catheter days	Observed	Predicted
Al duPont	485	1	0.57
Bayhealth, Kent	1,827	0	1.89
Bayhealth, Milford	393	1	0.28
Beebe	1,549	2	1.09
Christiana	5,163	9	9.15
Nanticoke	877	0	0.61
St. Francis	624	2	0.62
Wilmington Hospital	438	0	0.55

Clostridium difficile (C diff) - Lab-Identified		Number of infections	
C diff	Patient Days	Observed	Predicted
Statewide	120,021	97	86.41
SIR* = 1.12		95% CL* = (0.92, 1.36)	
Hospital	Patient Days	Observed	Predicted
Al duPont	10,059	9	4.94
Bayhealth, Kent	18,963	8	13.98
Bayhealth, Milford	4,130	4	2.31
Beebe	12,038	12	6.98
Christiana	54,251	42	46.18
Nanticoke	4,952	5	1.69
St. Francis	3,975	5	3.49
Wilmington Hospital	11,653	12	6.84

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	282	7	7.62
SIR* = 0.92		95% CL** = (0.40, 1.82)	
Hospital	Procedures	Observed	Predicted
Al duPont#	-----	-----	-----
Bayhealth, Kent	44	2	1.17
Bayhealth, Milford	12	2	0.30
Beebe	41	0	0.98
Christiana	153	2	4.23
Nanticoke	13	1	0.36
St. Francis	4	0	0.11
Wilmington Hospital	15	0	0.47

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	157	3	1.26
SIR* = 2.38		95% CL* = (0.61, 6.47)	
Hospital	Procedures	Observed	Predicted
Al duPont#	-----	-----	-----
Bayhealth, Kent	40	0	0.32
Bayhealth, Milford	6	0	0.04
Beebe	10	0	0.07
Christiana	77	2	0.63
Nanticoke	10	0	0.08
St. Francis	12	0	0.10
Wilmington Hospital	2	1	0.02

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