

**Healthcare-Associated Infections**  
**Delaware Acute Care Hospitals**  
**3rd Quarter 2015: July - September 2015**  
**Recalculation of Predicted Numbers Using 2015 Baseline<sup>X</sup>**

Central Line-Associated Bloodstream Infections (CLABSI)		Number of infections	
CLABSI <sup>€</sup>	Central line days	Observed	Predicted <sup>x</sup>
Statewide	15,711	18	15.91
SIR* = 1.13		95% CL* = 0.69, 1.75	
Hospital	Central line days	Observed	Predicted <sup>x</sup>
Al duPont	2,383	2	2.90
Bayhealth, Kent	1,578	2	1.27
Bayhealth, Milford	408	0	0.28
Beebe	1,786	2	1.27
Christiana	7,538	10	8.46
Nanticoke	467	0	0.33
St. Francis	619	0	0.58
Wilmington Hospital	932	2	0.82

Methicillin-resistant Staphylococcus aureus (MRSA) - Lab-Identified		Number of infections	
MRSA	Patient Days	Observed	Predicted <sup>x</sup>
Statewide	123,234	14	7.85
SIR* = 1.78		95% CL* = 1.02, 2.92	
Hospital	Patient Days	Observed	Predicted <sup>x</sup>
Al duPont	10,405	0	0.52
Bayhealth, Kent	19,541	3	0.89
Bayhealth, Milford	5,306	0	0.28
Beebe	10,972	0	0.48
Christiana	57,492	8	4.74
Nanticoke	5,005	3	0.21
St. Francis	4,443	0	0.14
Wilmington Hospital	10,070	0	0.59

Catheter-Associated Urinary Tract Infections (CAUTI)		Number of infections	
CAUTI <sup>¥</sup>	Catheter days	Observed	Predicted <sup>x</sup>
Statewide	10,979	12	13.81
SIR* = 0.87		95% CL* = 0.47, 1.48	
Hospital	Catheter days	Observed	Predicted <sup>x</sup>
Al duPont	643	0	0.80
Bayhealth, Kent	1576	1	1.62
Bayhealth, Milford	401	0	0.28
Beebe	1,732	2	1.22
Christiana	4,803	8	8.31
Nanticoke	848	1	0.59
St. Francis	524	0	0.53
Wilmington Hospital	452	0	0.46

Clostridium difficile (C diff) - Lab-Identified		Number of infections	
C diff	Patient Days	Observed	Predicted <sup>x</sup>
Statewide	112,133	93	88.60
SIR* = 1.05		95% CL* = 0.85, 1.28	
Hospital	Patient Days	Observed	Predicted <sup>x</sup>
Al duPont	9,885	6	5.24
Bayhealth, Kent	17,470	16	16.15
Bayhealth, Milford	5,155	4	3.05
Beebe	10,972	20	7.29
Christiana	49,145	34	43.50
Nanticoke	5,005	2	2.15
St. Francis	4,431	6	5.12
Wilmington Hospital	10,070	5	6.10

SSIs with event date within 30 days of procedure; in-plan, inpatient procedures in patients >=18 years		Number of infections	
Colon surgery	Procedures	Observed	Predicted <sup>x</sup>
Statewide	277	9	7.52
SIR* = 1.20		95% CL** = 0.58, 2.20	
Hospital	Procedures	Observed	Predicted <sup>x</sup>
Al duPont <sup>#</sup>	-----	-----	-----
Bayhealth, Kent	33	1	0.82
Bayhealth, Milford	16	1	0.40
Beebe	29	1	0.69
Christiana	164	5	4.62
Nanticoke	12	0	0.30
St. Francis	8	0	0.23
Wilmington Hospital	15	1	0.47

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 <sup>x</sup>
Statewide	176	4	1.48
SIR* = 2.71		95% CL* = 0.86, 6.53	
Hospital	Procedures	Observed	Predicted <sup>x</sup>
Al duPont <sup>#</sup>	-----	-----	-----
Bayhealth, Kent	39	1	0.37
Bayhealth, Milford	6	0	0.05
Beebe	14	0	0.12
Christiana	90	1	0.73
Nanticoke	15	0	0.12
St. Francis	3	1	0.02
Wilmington Hospital	9	1	0.08

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

X - Predicted numbers of infections were recalculated based on 2015 baseline established in December 2016

<https://www.cdc.gov/nhsn/pdfs/rebaseline/faq-general-rebaseline.pdf>

# - 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