

**Healthcare-Associated Infections  
Delaware Acute Care Hospitals  
2nd Quarter 2015: April - June 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	15,141	13	15.19
SIR* = 0.86		95% CL* = 0.48, 1.43	
Hospital	Central line days	Observed	Predicted <sup>X</sup>
Al duPont	2,363	4	3.04
Bayhealth, Kent	1,993	1	1.62
Bayhealth, Milford	695	0	0.49
Beebe	1,592	1	1.13
Christiana	6,311	6	7.05
Nanticoke	550	0	0.39
St. Francis	880	1	0.81
Wilmington Hospital	757	0	0.67

Methicillin-resistant Staphylococcus aureus (MRSA) - Lab-Identified		Number of infections	
MRSA	Patient Days	Observed	Predicted <sup>X</sup>
Statewide	123,899	8	5.91
SIR* = 1.35		95% CL* = 0.63, 2.57	
Hospital	Patient Days	Observed	Predicted <sup>X</sup>
Al duPont	10,851	0	0.38
Bayhealth, Kent	19,556	1	1.14
Bayhealth, Milford	6,027	0	0.32
Beebe	10,954	0	0.48
Christiana	56,221	6	2.52
Nanticoke	4,778	1	0.14
St. Francis	5,148	0	0.16
Wilmington Hospital	10,364	0	0.78

Catheter-Associated Urinary Tract Infections (CAUTI)		Number of infections	
CAUTI <sup>¥</sup>	Catheter days	Observed	Predicted <sup>X</sup>
Statewide	11,452	12	13.86
SIR* = 0.87		95% CL* = 0.47, 1.47	
Hospital	Catheter days	Observed	Predicted <sup>X</sup>
Al duPont	492	2	0.57
Bayhealth, Kent	2,042	2	2.18
Bayhealth, Milford	627	0	0.44
Beebe	1,714	1	1.20
Christiana	4,455	6	7.65
Nanticoke	1,057	1	0.74
St. Francis	660	0	0.67
Wilmington Hospital	405	0	0.41

Clostridium difficile (C diff) - Lab-Identified		Number of infections	
C diff	Patient Days	Observed	Predicted <sup>X</sup>
Statewide	112,634	93	78.74
SIR* = 1.18		95% CL* = 0.96, 1.44	
Hospital	Patient Days	Observed	Predicted <sup>X</sup>
Al duPont	10,851	7	4.64
Bayhealth, Kent	18,071	10	12.45
Bayhealth, Milford	5,865	7	4.39
Beebe	10,954	12	7.75
Christiana	47,142	45	38.94
Nanticoke	4,778	2	1.83
St. Francis	4,609	3	3.38
Wilmington Hospital	10,364	7	5.37

SSIs with event date within 30 days of procedure; in-plan, inpatient procedures in patients >=18 years			
Surgical Site Infections (SSIs)		Number of infections	
Colon surgery	Procedures	Observed	Predicted <sup>X</sup>
Statewide	293	10	7.70
SIR* = 1.30		95% CL** = 0.66, 2.32	
Hospital	Procedures	Observed	Predicted <sup>X</sup>
Al duPont <sup>#</sup>	-----	-----	-----
Bayhealth, Kent	44	1	1.27
Bayhealth, Milford	18	1	0.46
Beebe	44	0	1.04
Christiana	150	5	3.91
Nanticoke	10	0	0.25
St. Francis	9	0	0.23
Wilmington Hospital	18	3	0.53

SSIs with event date within 30 days of procedure; SSI - Inpatient procedures only			
Surgical Site Infections (SSIs)		Number of infections	
Abdominal Hysterectomy	Procedures	Observed	Predicted <sup>X</sup>
Statewide	289	7	2.40
SIR* = 2.92		95% CL* = 1.28, 5.78	
Hospital	Procedures	Observed	Predicted <sup>X</sup>
Al duPont <sup>#</sup>	-----	-----	-----
Bayhealth, Kent	46	0	0.39
Bayhealth, Milford	7	0	0.06
Beebe	11	0	0.09
Christiana	171	7	1.39
Nanticoke	14	0	0.12
St. Francis	14	0	0.13
Wilmington Hospital	26	0	0.21

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