

**Healthcare-Associated Infections
Delaware Acute Care Hospitals
1st Quarter 2015: January - March 2015
Recalculation of Predicted Numbers Using 2015 Baseline^X**

Central Line-Associated Bloodstream Infections (CLABSI)		Number of infections	
CLABSI [€]	Central line days	Observed	Predicted ^x
Statewide	16,898	13	17.25
SIR* = 0.75		95% CL**= 0.42, 1.26	
Hospital	Central line days	Observed	Predicted ^x
Al duPont	3,431	4	4.31
Bayhealth, Kent	2,160	3	1.75
Bayhealth, Milford	638	0	0.45
Beebe	1,528	0	1.09
Christiana	6,724	4	7.63
Nanticoke	773	2	0.54
St. Francis	816	0	0.76
Wilmington Hospital	828	0	0.73

Methicillin-resistant Staphylococcus aureus (MRSA) - Lab-Identified		Number of infections	
MRSA	Patient Days	Observed	Predicted ^x
Statewide	136,127	10	8.19
SIR* = 1.22		95% CL**= 0.62, 2.18	
Hospital	Patient Days	Observed	Predicted ^x
Al duPont	13,890	0	0.48
Bayhealth, Kent	21,379	0	0.98
Bayhealth, Milford	7,289	1	0.30
Beebe	11,790	2	0.52
Christiana	59,852	7	4.93
Nanticoke	5,389	0	0.15
St. Francis	5,380	0	0.17
Wilmington Hospital	11,158	0	0.66

Catheter-Associated Urinary Tract Infections (CAUTI)		Number of infections	
CAUTI [¥]	Catheter days	Observed	Predicted ^x
Statewide	12,255	16	15.06
SIR* = 1.06		95% CL**= 0.63, 1.69	
Hospital	Catheter days	Observed	Predicted ^x
Al duPont	700	2	0.86
Bayhealth, Kent	1,830	0	1.96
Bayhealth, Milford	656	0	0.46
Beebe	1,827	2	1.28
Christiana	4,981	11	8.58
Nanticoke	1,177	1	0.82
St. Francis	592	0	0.60
Wilmington Hospital	492	0	0.50

Clostridium difficile (C diff) - Lab-Identified		Number of infections	
C diff	Patient Days	Observed	Predicted ^x
Statewide	123,768	121	101.27
SIR* = 1.20		95% CL**= 1.00, 1.42	
Hospital	Patient Days	Observed	Predicted ^x
Al duPont	13,890	7	6.13
Bayhealth, Kent	19,577	15	15.70
Bayhealth, Milford	7,127	7	6.01
Beebe	11,790	23	10.70
Christiana	50,112	54	47.45
Nanticoke	5,389	4	3.00
St. Francis	4,725	2	5.27
Wilmington Hospital	11,158	9	7.02

SSIs with event date within 30 days of procedure; in-plan, inpatient procedures in patients >=18 years		Number of infections	
Surgical Site Infections (SSIs)		Number of infections	
Colon surgery	Procedures [§]	Observed	Predicted ^x
Statewide	314	13	8.55
SIR* = 1.52		95% CL**= 0.85, 2.53	
Hospital	Procedures [§]	Observed	Predicted ^x
Al duPont [#]	-----		
Bayhealth, Kent	44	1	1.18
Bayhealth, Milford	13	0	0.32
Beebe	24	0	0.60
Christiana	191	10	5.34
Nanticoke	15	0	0.40
St. Francis	12	0	0.32
Wilmington Hospital	15	2	0.39

SSIs with event date within 30 days of procedure; In-plan, inpatient procedures in patients >=18 years		Number of infections	
Surgical Site Infections (SSIs)		Number of infections	
Abdominal Hysterectomy	Procedures [§]	Observed	Predicted ^x
Statewide	312	1	2.58
SIR* = 0.39		95% CL**= 0.02, 1.91	
Hospital	Procedures [§]	Observed	Predicted ^x
Al duPont [#]	-----		
Bayhealth, Kent	45	0	0.36
Bayhealth, Milford	1	0	0.01
Beebe	11	0	0.09
Christiana	196	0	1.66
Nanticoke	15	0	0.11
St. Francis	8	0	0.08
Wilmington Hospital	36	1	0.28

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