

Healthcare-Associated Infection data
4th Quarter 2014: October 2014 - December 2014

Central Line-Associated Bloodstream Infections (CLABSI)		Number of infections	
CLABSI	Central line days	Observed	Predicted
Statewide	8,604	6	20.24
	SIR* = 0.30	95% CL**= 0.12, 0.62	
Hospital	Central line days	Observed	Predicted
Al duPont	2,568	3	7.50
Bayhealth, Kent	752	0	1.28
Bayhealth, Milford	235	0	0.35
Beebe	888	1	1.33
Christiana	3,354	2	8.34
Nanticoke	315	0	0.47
St. Francis	284	0	0.54
Wilmington Hospital	208	0	0.44

Methicillin-resistant Staphylococcus aureus (MRSA) - Lab-Identified		Number of infections	
MRSA	Patient Days	Observed	Predicted
Statewide	127,394	7	8.58
	SIR* = 0.82	95% CL**= 0.36, 1.61	
Hospital	Patient Days	Observed	Predicted
Al duPont	12,818	0	0.64
Bayhealth, Kent	20,776	1	0.88
Bayhealth, Milford	3,029	1	0.11
Beebe	10,623	1	0.50
Christiana	57,721	4	5.39
Nanticoke	5,265	0	0.23
St. Francis	5,064	0	0.18
Wilmington Hospital	12,098	0	0.66

Catheter-Associated Urinary Tract Infections (CAUTI)		Number of infections	
CAUTI	Catheter days	Observed	Predicted
Statewide	6,486	20	14.77
	SIR* = 1.36	95% CL**= 0.85, 2.06	
Hospital	Catheter days	Observed	Predicted
Al duPont	649	1	1.79
Bayhealth, Kent	1,083	8	2.28
Bayhealth, Milford	297	0	0.39
Beebe	889	0	1.07
Christiana	2,710	10	7.72
Nanticoke	373	1	0.49
St. Francis	275	0	0.55
Wilmington Hospital	210	0	0.48

Clostridium difficile (C diff) - Lab-Identified		Number of infections	
C diff	Patient Days	Observed	Predicted
Statewide	122,690	101	99.66
	SIR* = 1.01	95% CL**= 0.83, 1.23	
Hospital	Patient Days	Observed	Predicted
Al duPont	12,818	8	9.68
Bayhealth, Kent	18,862	9	13.41
Bayhealth, Milford	9,591	3	6.53
Beebe	10,623	11	8.44
Christiana	48,792	52	44.65
Nanticoke	5,265	9	3.65
St. Francis	4,641	2	3.98
Wilmington Hospital	12,098	7	9.33

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 surgeries	Procedures	Observed	Predicted
Statewide	262	9	8.57
	SIR* = 1.05	95% CL**= 0.51, 1.93	
Hospital	Procedures	Observed	Predicted
Al duPont [#]	-----		
Bayhealth, Kent	18	1	0.58
Bayhealth, Milford	9	1	0.32
Beebe	43	0	1.30
Christiana	154	6	5.17
Nanticoke	14	0	0.42
St. Francis	5	0	0.19
Wilmington Hospital	19	1	0.59

SSIs with event date within 30 days of procedure; in-plan, inpatient procedures in patients >=18 years.			
Surgical Site Infections (SSIs)		Number of infections	
Hysterectomies	Procedures	Observed	Predicted
Statewide	272	1	2.58
	SIR* = 0.39	95% CL**= 0.02, 1.92	
Hospital	Procedures	Observed	Predicted
Al duPont [#]	-----		
Bayhealth, Kent	41	0	0.39
Bayhealth, Milford	4	0	0.03
Beebe	8	0	0.09
Christiana	164	1	1.53
Nanticoke	11	0	0.10
St. Francis	14	0	0.13
Wilmington Hospital	30	0	0.31

- Colon surgeries and hysterectomies are not routinely performed at this hospital (pediatric population).
* - SIR = Standardized Infection Ratio
** CL = Confidence Limit