

Healthcare-Associated Infection data
3rd Quarter 2013: July 2013 - September 2013

Central Line-Associated Bloodstream Infections (CLABSI)		Number of infections	
CLABSI	Central line days	Observed	Predicted
Statewide	7,817	15	18.53
	SIR* = 0.81	95% CL* = 0.47, 1.31	
Hospital	Central line days	Observed	Predicted
Al duPont	2,110	7	5.97
Bayhealth, Kent	701	3	1.03
Bayhealth, Milford	320	0	0.48
Beebe	753	0	1.13
Christiana	3,042	5	8.36
Nanticoke	399	0	0.60
St. Francis	327	0	0.69
Wilmington Hospital	165	0	0.35

18.61

Catheter-Associated Urinary Tract Infections (CAUTI)		Number of infections	
CAUTI	Catheter days	Observed	Predicted
Statewide	5,844	19	12.26
	SIR* = 1.55	95% CL* = 0.96, 2.38	
Hospital	Catheter days	Observed	Predicted
Al duPont	679	5	1.88
Bayhealth, Kent	866	6	1.20
Bayhealth, Milford	321	2	0.42
Beebe	759	0	0.91
Christiana	2,302	4	6.27
Nanticoke	437	2	0.57
St. Francis	283	0	0.57
Wilmington Hospital	197	0	0.45

Methicillin-resistant Staphylococcus aureus (MRSA) - Lab-Identified		Number of infections	
MRSA	Patient Days	Observed	Predicted
Statewide	119,555	10	9.04
	SIR* = 1.11	95% CL* = 0.56, 1.97	
Hospital	Patient Days	Observed	Predicted
Al duPont	3,569	0	0.18
Bayhealth, Kent	17,268	1	0.85
Bayhealth, Milford	8,668	1	0.31
Beebe	10,233	0	0.60
Christiana	55,582	8	5.16
Nanticoke	6,074	0	0.36
St. Francis	5,444	0	0.28
Wilmington Hospital	12,357	0	1.31

Clostridium difficile (C diff) - Lab-Identified		Number of infections	
C diff	Patient Days	Observed	Predicted
Statewide	110,476	93	91.94
	SIR* = 1.01	95% CL* = 0.82, 1.23	
Hospital	Patient Days	Observed	Predicted
Al duPont	3,569	3	3.03
Bayhealth, Kent	16,682	8	13.05
Bayhealth, Milford	8,480	9	6.29
Beebe	10,233	9	8.19
Christiana	48,158	52	44.15
Nanticoke	6,074	3	3.94
St. Francis	4,923	3	3.42
Wilmington Hospital	12,357	6	9.88

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	281	7	9.18
	SIR* = 0.76	95% CL**= 0.33, 1.51	
Hospital	Procedures	Observed	Predicted
Al duPont [#]	-----		
Bayhealth, Kent	30	1	0.97
Bayhealth, Milford	14	0	0.47
Beebe	42	0	1.27
Christiana	165	5	5.44
Nanticoke	19	0	0.63
St. Francis	8	0	0.27
Wilmington Hospital	4	1	0.13

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	286	2	2.74
	SIR* = 0.73	95% CL**= 0.12, 2.41	
Hospital	Procedures	Observed	Predicted
Al duPont [#]	-----		
Bayhealth, Kent	40	0	0.40
Bayhealth, Milford	10	1	0.11
Beebe	4	0	0.03
Christiana	175	1	1.69
Nanticoke	11	0	0.08
St. Francis	34	0	0.31
Wilmington Hospital	12	0	0.13

- Colon surgeries and hysterectomies are not routinely performed at this hospital (pediatric population).

* - SIR = Standardized Infection Ratio

** CL = Confidence Limit