

Healthcare-Associated Infection data
4th Quarter 2013: October 2013 - December 2013

Central Line-Associated Bloodstream Infections (CLABSI)		Number of infections	
CLABSI	Central line days	Observed	Predicted
Statewide	7,774	5	17.88
	SIR* = 0.28	95% CL**=	0.10, 0.62
Hospital	Central line days	Observed	Predicted
AI duPont	1,817	1	5.03
Bayhealth, Kent	721	0	1.09
Bayhealth, Milford	351	0	0.53
Beebe	881	1	1.32
Christiana	3,095	2	8.28
Nanticoke	361	1	0.54
St. Francis	361	0	0.69
Wilmington Hospital	187	0	0.39

Methicillin-resistant Staphylococcus aureus (MRSA) - Lab-Identified		Number of infections	
MRSA	Patient Days	Observed	Predicted
Statewide	119,714	10	8.45
	SIR* = 1.18	95% CL**=	0.60, 2.11
Hospital	Patient Days	Observed	Predicted
AI duPont	4,062	0	0.20
Bayhealth, Kent	17,556	0	0.86
Bayhealth, Milford	8,943	0	0.44
Beebe	9,636	1	0.51
Christiana	56,275	9	5.06
Nanticoke	5,490	0	0.34
St. Francis	5,304	0	0.23
Wilmington Hospital	12,448	0	0.82

Catheter-Associated Urinary Tract Infections (CAUTI)		Number of infections	
CAUTI	Catheter days	Observed	Predicted
Statewide	5,734	20	11.95
	SIR* = 1.67	95% CL**=	1.05, 2.54
Hospital	Catheter days	Observed	Predicted
AI duPont	549	1	1.52
Bayhealth, Kent	793	2	1.25
Bayhealth, Milford	313	3	0.41
Beebe	816	0	0.98
Christiana	2,360	10	6.19
Nanticoke	385	3	0.50
St. Francis	273	1	0.55
Wilmington Hospital	245	0	0.56

Clostridium difficile (C diff) - Lab-Identified		Number of infections	
C diff	Patient Days	Observed	Predicted
Statewide	110,050	94	90.34
	SIR* = 1.04	95% CL**=	0.85, 1.27
Hospital	Patient Days	Observed	Predicted
AI duPont	4,062	1	2.94
Bayhealth, Kent	16,698	9	12.96
Bayhealth, Milford	8,736	5	5.93
Beebe	9,636	10	6.56
Christiana	48,110	50	45.63
Nanticoke	5,490	5	3.62
St. Francis	4,870	0	3.81
Wilmington Hospital	12,448	14	8.91

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	258	6	8.24
	SIR* = 0.73	95% CL**=	0.30, 1.51
Hospital	Procedures	Observed	Predicted
AI duPont [#]	-----		
Bayhealth, Kent	44	1	1.41
Bayhealth, Milford	10	0	0.33
Beebe	32	0	0.95
Christiana	152	5	4.90
Nanticoke	12	0	0.38
St. Francis	2	0	0.06
Wilmington Hospital	6	0	0.21

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	277	2	2.74
	SIR* = 0.73	95% CL**=	0.12, 2.41
Hospital	Procedures	Observed	Predicted
AI duPont [#]	-----		
Bayhealth, Kent	51	1	0.52
Bayhealth, Milford	6	0	0.08
Beebe	6	0	0.04
Christiana	187	1	1.78
Nanticoke	14	0	0.18
St. Francis	7	0	0.09
Wilmington Hospital	6	0	0.06

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

* - SIR = Standardized Infection Ratio

** CL = Confidence Limit