

Healthcare-Associated Infection data
2nd Quarter 2014: April 2014 - June 2014

Central Line-Associated Bloodstream Infections (CLABSI)		Number of infections	
CLABSI	Central line days	Observed	Predicted
Statewide	9,107	12	21.37
	SIR* = 0.56	95% CL* = 0.30, 0.96	
Hospital	Central line days	Observed	Predicted
Al duPont	2,449	7	7.11
Bayhealth, Kent	989	0	1.64
Bayhealth, Milford	196	0	0.29
Beebe	1,103	0	1.66
Christiana	3,575	5	9.23
Nanticoke	290	0	0.44
St. Francis	297	0	0.56
Wilmington Hospital	208	0	0.44

Methicillin-resistant Staphylococcus aureus (MRSA) - Lab-Identified		Number of infections	
MRSA	Patient Days	Observed	Predicted
Statewide	135,472	9	8.65
	SIR* = 1.04	95% CL* = 0.51, 1.91	
Hospital	Patient Days	Observed	Predicted
Al duPont	11,328	0	0.63
Bayhealth, Kent	19,845	0	0.97
Bayhealth, Milford	8,892	1	0.45
Beebe	11,548	1	0.53
Christiana	58,106	7	4.66
Nanticoke	5,787	0	0.50
St. Francis	5,579	0	0.20
Wilmington Hospital	14,387	0	0.71

Catheter-Associated Urinary Tract Infections (CAUTI)		Number of infections	
CAUTI	Catheter days	Observed	Predicted
Statewide	6,166	10	13.83
	SIR = 0.72	95% CL* = 0.37, 1.29	
Hospital	Catheter days	Observed	Predicted
Al duPont	679	0	1.88
Bayhealth, Kent	913	5	2.06
Bayhealth, Milford	229	0	0.30
Beebe	1,049	0	1.26
Christiana	2,439	5	6.82
Nanticoke	391	0	0.51
St. Francis	228	0	0.46
Wilmington Hospital	238	0	0.55

Clostridium difficile (C diff) - Lab-Identified		Number of infections	
C diff	Patient Days	Observed	Predicted
Statewide	124,093	105	90.73
	SIR* = 1.16	95% CL* = 0.95, 1.40	
Hospital	Patient Days	Observed	Predicted
Al duPont	11,328	9	8.46
Bayhealth, Kent	17,894	15	13.67
Bayhealth, Milford	8,756	9	6.67
Beebe	11,548	20	8.64
Christiana	49,308	35	36.71
Nanticoke	5,787	7	3.68
St. Francis	5,085	2	3.84
Wilmington Hospital	14,387	8	9.07

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	283	11	9.14
	SIR* = 1.20	95% CL**= 0.63, 2.09	
Hospital	Procedures	Observed	Predicted
Al duPont [#]	-----		
Bayhealth, Kent	41	1	1.27
Bayhealth, Milford	15	0	0.50
Beebe	37	0	1.09
Christiana	151	9	4.95
Nanticoke	14	1	0.49
St. Francis	12	0	0.40
Wilmington Hospital	13	0	0.45

SSIs with event date within 30 days of procedure; SSI - Inpatient procedures only			
Surgical Site Infections (SSIs)		Number of infections	
Hysterectomies	Procedures	Observed	Predicted
Statewide	291	6	2.70
	SIR* = 2.23	95% CL* = 0.90, 4.63	
Hospital	Procedures	Observed	Predicted
Al duPont [#]	-----		
Bayhealth, Kent	45	2	0.41
Bayhealth, Milford	5	0	0.04
Beebe	13	1	0.10
Christiana	164	2	1.53
Nanticoke	20	0	0.20
St. Francis	9	0	0.12
Wilmington Hospital	35	1	0.30

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