

Healthcare-Associated Infection data
3rd Quarter 2014: July 2014 - September 2014

Central Line-Associated Bloodstream Infections (CLABSI)		Number of infections	
CLABSI	Central line days	Observed	Predicted
Statewide	8,261	6	19.11
	SIR* = 0.31	95% CL* = 0.13, 0.65	
Hospital	Central line days	Observed	Predicted
Al duPont	2,201	1	6.66
Bayhealth, Kent	790	2	1.28
Bayhealth, Milford	274	0	0.41
Beebe	1,131	2	1.70
Christiana	3,184	0	7.80
Nanticoke	206	1	0.31
St. Francis	260	0	0.49
Wilmington Hospital	215	0	0.45

Methicillin-resistant Staphylococcus aureus (MRSA) - Lab-Identified		Number of infections	
MRSA	Patient Days	Observed	Predicted
Statewide	134,721	8	8.35
	SIR* = 0.96	95% CL* = 0.45, 1.82	
Hospital	Patient Days	Observed	Predicted
Al duPont	12,215	1	0.61
Bayhealth, Kent	20,101	1	0.81
Bayhealth, Milford	9,318	0	0.57
Beebe	15,088	0	0.65
Christiana	55,171	6	4.57
Nanticoke	5,143	0	0.32
St. Francis	5,337	0	0.23
Wilmington Hospital	12,348	0	0.61

Catheter-Associated Urinary Tract Infections (CAUTI)		Number of infections	
CAUTI	Catheter days	Observed	Predicted
Statewide	5,927	20	12.96
	SIR* = 1.54	95% CL* = 0.97, 2.34	
Hospital	Catheter days	Observed	Predicted
Al duPont	583	3	1.61
Bayhealth, Kent	1,064	3	2.15
Bayhealth, Milford	321	0	0.42
Beebe	1,103	3	1.32
Christiana	2,199	11	6.24
Nanticoke	218	0	0.28
St. Francis	219	0	0.44
Wilmington Hospital	220	0	0.51

Clostridium difficile (C diff) - Lab-Identified		Number of infections	
C diff	Patient Days	Observed	Predicted
Statewide	124,682	100	98.64
	SIR* = 1.01	95% CL* = 0.83, 1.23	
Hospital	Patient Days	Observed	Predicted
Al duPont	12,215	4	9.25
Bayhealth, Kent	18,145	11	14.18
Bayhealth, Milford	9,102	4	6.98
Beebe	15,088	15	8.56
Christiana	48,311	56	44.75
Nanticoke	5,143	3	2.55
St. Francis	4,330	1	3.46
Wilmington Hospital	12,348	6	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	234	11	7.75
	SIR* = 1.42	95% CL** = 0.75, 2.47	
Hospital	Procedures	Observed	Predicted
Al duPont [#]	-----		
Bayhealth, Kent	40	3	1.33
Bayhealth, Milford	13	0	0.42
Beebe	26	0	0.85
Christiana	125	6	4.11
Nanticoke	10	0	0.29
St. Francis	8	0	0.34
Wilmington Hospital	12	2	0.41

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	264	2	2.50
	SIR* = 0.80	95% CL* = 0.13, 2.65	
Hospital	Procedures	Observed	Predicted
Al duPont [#]	-----		
Bayhealth, Kent	35	1	0.35
Bayhealth, Milford	5	0	0.04
Beebe	8	0	0.08
Christiana	171	0	1.61
Nanticoke	8	0	0.06
St. Francis	4	0	0.03
Wilmington Hospital	33	1	0.32

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