



Illinois Statewide Report of Adult ICU Central Line-associated Blood Stream Infections (CLABSI)
Acute Care and Critical Access Hospitals - NHSN Event Reporting
January 1, 2016 – December 31, 2016

The Hospital Report Card Act (Illinois Public Act 93-563) requires Illinois hospitals to report central line-associated bloodstream infections (CLABSIs) occurring in critical care units, also known as intensive care units (ICUs). Illinois hospitals have been reporting CLABSI data from adult ICUs to the Illinois Department of Public Health (IDPH) using the CDC's National Healthcare Safety Network (NHSN) surveillance system since October, 2008. Comparison summary data for CLABSIs, expressed as a Standardized Infection Ratio (SIR), are presented by hospital for each ICU type (ex. Medical, Surgical and Medical/Surgical). Interpretation of these summary measures is provided. This data represents reporting of **CLABSI** in Adult ICU from January 1, 2016 to December 31, 2016.

Standardized Infection Ratio and 95% Confidence Interval

The SIR is a measure that compares the CLABSI burden in adult ICUs at a facility to that of the national referent population (2015 NHSN inpatient data). NHSN uses risk models that determine the predicted number of CLABSIs based on the national baseline data, adjusting for statistically significant risk factors. The model and factors used for risk adjustment depend on the facility type (e.g., acute care hospital or critical access hospital). A facility's SIR is calculated as the actual, or observed, number of healthcare-associated incident cases reported by the facility divided by the predicted number of infections.

The corresponding 95% confidence interval (CI) is statistical measure that shows a range of estimated possible values for the SIR. The upper and lower bounds of the interval are used to determine the statistical significance and precision of the SIR. The SIR and 95% CI are interpreted as follows:

- If the 95% CI includes 1 (i.e., the lower bound is <1.00 and the upper bound is >1.00), the hospital's number of infections is similar to (not significantly different from) the predicted number.
- If the SIR is >1.0 and the 95% CI does not include 1, the hospital had a significantly higher number of infections than predicted.
- If the SIR is <1.0 and the 95% CI does not include 1, the hospital had a significantly lower number of infections than predicted.

Additional information regarding CLABSI risk models and SIR calculations can be found at: <https://www.cdc.gov/nhsn/pdfs/ps-analysis-resources/nhsn-sir-guide.pdf>

Central Line Associated Bloodstream Infection (CLABSI) Standardized Infection Ratio (SIR ^a)
Reportable Period: January 1, 2016 - December 31, 2016
STATEWIDE

Location: Adult Burn Intensive Care Unit

Hospital Name	Hospital City	Observed Number of CLABSIs	Number of Central Line Days ^b	Statistically Predicted Number of CLABSIs	Standardized Infection Ratio (SIR) ^c	95% Confidence Interval		Statistical Interpretation ^e
						Lower Limit ^d	Upper Limit	
John H Stroger Jr Hospital of Cook County	Chicago	0	804	2.73	0.00	.	1.10	Similar
Loyola University Medical Center	Maywood	4	2119	7.19	0.56	0.18	1.34	Similar
University of Chicago Medicine	Chicago	0	696	2.36	0.00	.	1.27	Similar

Central Line Associated Bloodstream Infection (CLABSI) Standardized Infection Ratio (SIR ^a)
Reportable Period: January 1, 2016 - December 31, 2016
STATEWIDE

Location: Adult Medical Cardiac Intensive Care Unit

Hospital Name	Hospital City	Observed Number of CLABSIs	Number of Central Line Days ^b	Statistically Predicted Number of CLABSIs	Standardized Infection Ratio (SIR) ^c	95% Confidence Interval		Statistical Interpretation ^e
						Lower Limit ^d	Upper Limit	
Ingalls Memorial Hospital	Harvey	2	985	0.85	.	.	.	Not Available
John H Stroger Jr Hospital of Cook County	Chicago	0	374	0.42	.	.	.	Not Available
Mercy Hospital & Medical Center	Chicago	1	453	0.44	.	.	.	Not Available
Northwestern Memorial Hospital	Chicago	4	2382	2.69	1.49	0.47	3.59	Similar
Rush University Medical Center	Chicago	2	2100	2.37	0.84	0.14	2.79	Similar
University of Chicago Medicine	Chicago	1	1290	1.46	0.69	0.03	3.39	Similar

Central Line Associated Bloodstream Infection (CLABSI) Standardized Infection Ratio (SIR ^a)
Reportable Period: January 1, 2016 - December 31, 2016
STATEWIDE

Location: Adult Medical Intensive Care Unit

						95% Confidence Interval		
Hospital Name	Hospital City	Observed Number of CLABSIs	Number of Central Line Days ^b	Statistically Predicted Number of CLABSIs	Standardized Infection Ratio (SIR) ^c	Lower Limit ^d	Upper Limit	Statistical Interpretation ^e
Advocate Christ Medical Center	Oak Lawn	3	4475	5.05	0.59	0.15	1.62	Similar
Advocate Christ Medical Center	Oak Lawn	1	1316	1.48	0.67	0.03	3.32	Similar
Advocate Illinois Masonic Medical Center	Chicago	1	681	0.77	.	.	.	Not Available
Advocate Lutheran General Hospital	Park Ridge	2	3591	3.62	0.55	0.09	1.83	Similar
Advocate Trinity Hospital *	Chicago	.	.	.	.	.	.	Not Available
Community Memorial Hospital *	Staunton	.	.	.	.	.	.	Not Available
Crossroads Community Hospital	Mount Vernon	1	78	0.05	.	.	.	Not Available
Decatur Memorial Hospital	Decatur	1	840	0.85	.	.	.	Not Available
Edward Hospital	Naperville	0	2665	2.31	0.00	.	1.30	Similar
Gibson Area Hospital & Health Services	Gibson City	0	212	0.06	.	.	.	Not Available
Holy Cross Hospital	Chicago	4	1315	0.99	.	.	.	Not Available
John H Stroger Jr Hospital of Cook County	Chicago	1	2587	2.92	0.34	0.02	1.69	Similar
Loretto Hospital	Chicago	1	828	0.65	.	.	.	Not Available
Loyola University Medical Center	Maywood	2	3380	3.81	0.52	0.09	1.73	Similar
Memorial Hospital *	Chester	.	.	.	.	.	.	Not Available
Memorial Medical Center	Springfield	4	2168	2.45	1.64	0.52	3.95	Similar
Metrosouth Medical Center *	Blue Island	.	.	.	.	.	.	Not Available
Mount Sinai Hospital	Chicago	1	1304	1.31	0.76	0.04	3.75	Similar
Northwestern Medicine Delnor Hospital	Geneva	1	1065	0.80	.	.	.	Not Available
Northwestern Memorial Hospital	Chicago	3	4861	5.48	0.55	0.14	1.49	Similar
Norwegian-American Hospital	Chicago	0	1314	1.29	0.00	.	2.33	Similar
OSF Saint Francis Medical Center	Peoria	3	2366	2.67	1.12	0.29	3.06	Similar
Presence St Marys Hospital	Kankakee	1	611	0.46	.	.	.	Not Available
Rush University Medical Center	Chicago	2	4140	4.67	0.43	0.07	1.42	Similar
South Shore Hospital	Chicago	2	895	0.67	.	.	.	Not Available
St Anthony Hospital	Chicago	1	648	0.49	.	.	.	Not Available

Central Line Associated Bloodstream Infection (CLABSI) Standardized Infection Ratio (SIR ^a)
Reportable Period: January 1, 2016 - December 31, 2016
STATEWIDE

Location: Adult Medical Intensive Care Unit

Hospital Name	Hospital City	Observed Number of CLABSIs	Number of Central Line Days ^b	Statistically Predicted Number of CLABSIs	Standardized Infection Ratio (SIR) ^c	95% Confidence Interval		Statistical Interpretation ^e
						Lower Limit ^d	Upper Limit	
Unitypoint Health - Trinity Rock Island	Rock Island	2	1165	1.01	1.98	0.33	6.54	Similar
University of Chicago Medicine	Chicago	3	4427	4.99	0.60	0.15	1.64	Similar

Central Line Associated Bloodstream Infection (CLABSI) Standardized Infection Ratio (SIR ^a)
Reportable Period: January 1, 2016 - December 31, 2016
STATEWIDE

Location: Adult Medical/Surgical Intensive Care Unit

Hospital Name	Hospital City	Observed Number of CLABSIs	Number of Central Line Days ^b	Statistically Predicted Number of CLABSIs	Standardized Infection Ratio (SIR) ^c	95% Confidence Interval		Statistical Interpretation ^e
						Lower Limit ^d	Upper Limit	
AMITA Health Adventist Medical Center Bolingbrook	Bolingbrook	0	889	0.67	.	.	.	Not Available
AMITA Health Adventist Medical Center Glen Oaks	Glendale Heights	0	781	0.59	.	.	.	Not Available
AMITA Health Adventist Medical Center Hinsdale	Hinsdale	2	2094	2.11	0.95	0.16	3.13	Similar
AMITA Health Adventist Medical Center La Grange	LaGrange	0	1894	1.66	0.00	.	1.81	Similar
AMITA Health Alexian Brothers Medical Center Elk Grove Village	Elk Grove Village	1	4768	4.14	0.24	0.01	1.19	Similar
AMITA Health St.Alexius Medical Center Hoffman Estates	Hoffman Estates	3	2500	2.17	1.38	0.35	3.76	Similar
Advocate BroMenn Medical Center	Normal	0	681	0.77	.	.	.	Not Available
Advocate Christ Medical Center	Oak Lawn	1	2037	2.30	0.44	0.02	2.15	Similar
Advocate Condell Medical Center	Libertyville	1	2511	2.18	0.46	0.02	2.26	Similar
Advocate Good Samaritan Hospital	Downers Grove	2	3334	2.89	0.69	0.12	2.28	Similar
Advocate Good Shepherd Hospital	Barrington	1	2931	2.21	0.45	0.02	2.23	Similar
Advocate Sherman Hospital	Elgin	2	3451	2.99	0.67	0.11	2.21	Similar
Advocate South Suburban Hospital	Hazel Crest	2	2065	1.79	1.12	0.19	3.69	Similar
Advocate Trinity Hospital	Chicago	2	1198	0.90	.	.	.	Not Available
Alton Memorial Hospital	Alton	2	1198	0.90	.	.	.	Not Available
Anderson Hospital	Maryville	4	1161	0.87	.	.	.	Not Available
Blessing Hospital	Quincy	0	1552	1.56	0.00	.	1.92	Similar
CGH Medical Center	Sterling	0	509	0.38	.	.	.	Not Available
Carle Foundation Hospital	Urbana	2	2135	2.41	0.83	0.14	2.74	Similar
Centegra Hospital - McHenry	Mchenry	0	2515	2.46	0.00	.	1.22	Similar
Centegra Hospital - Woodstock	Woodstock	0	1024	0.77	.	.	.	Not Available
Community First Medical Center	Chicago	2	3025	2.62	0.76	0.13	2.52	Similar
Edward Hospital	Naperville	1	2148	1.86	0.54	0.03	2.65	Similar
Elmhurst Memorial Hospital	Elmhurst	0	4031	3.50	0.00	.	0.86	Lower
FHN Memorial Hospital	Freeport	0	456	0.34	.	.	.	Not Available

Central Line Associated Bloodstream Infection (CLABSI) Standardized Infection Ratio (SIR ^a)
Reportable Period: January 1, 2016 - December 31, 2016
STATEWIDE

Location: Adult Medical/Surgical Intensive Care Unit

Hospital Name	Hospital City	Observed Number of CLABSIs	Number of Central Line Days ^b	Statistically Predicted Number of CLABSIs	Standardized Infection Ratio (SIR) ^c	95% Confidence Interval		Statistical Interpretation ^e
						Lower Limit ^d	Upper Limit	
Fairfield Memorial Hospital	Fairfield	0	57	0.02	.	.	.	Not Available
Fayette County Hospital *	Vandalia	.	.	.	.	.	.	Not Available
Franciscan St. James Health	Chicago Heights	2	764	0.66	.	.	.	Not Available
Franciscan St. James Health	Chicago Heights	1	1700	1.48	0.68	0.03	3.34	Similar
Galesburg Cottage Hospital	Galesburg	0	449	0.34	.	.	.	Not Available
Gateway Regional Medical Center	Granite City	0	1209	1.05	0.00	.	2.86	Similar
Genesis Medical Center-Silvis	Silvis	1	457	0.45	.	.	.	Not Available
Graham Hospital	Canton	0	176	0.12	.	.	.	Not Available
HSHS St Anthony's Memorial Hospital	Effingham	0	211	0.16	.	.	.	Not Available
HSHS St Elizabeth's Hospital	Belleville	0	1668	1.88	0.00	.	1.59	Similar
HSHS St Francis Hospital *	Litchfield	.	.	.	.	.	.	Not Available
HSHS St John's Hospital	Springfield	2	2749	3.10	0.65	0.11	2.13	Similar
HSHS St Joseph's Hospital *	Breese	.	.	.	.	.	.	Not Available
HSHS St Mary's Hospital	Decatur	0	633	0.55	.	.	.	Not Available
Hammond-Henry Hospital *	Geneseo	.	.	.	.	.	.	Not Available
Harrisburg Medical Center	Harrisburg	0	139	0.09	.	.	.	Not Available
Heartland Regional Medical Center	Marion	0	509	0.38	.	.	.	Not Available
Herrin Hospital	Herrin	0	1286	0.97	.	.	.	Not Available
Hopedale Hospital *	Hopedale	.	.	.	.	.	.	Not Available
Illinois Valley Community Hospital *	Peru	.	.	.	.	.	.	Not Available
Ingalls Memorial Hospital	Harvey	1	1485	1.29	0.78	0.04	3.83	Similar
Iroquois Memorial Hospital & Resident Home *	Watseka	.	.	.	.	.	.	Not Available
Jackson Park Hospital & Medical Center	Chicago	0	1299	1.14	0.00	.	2.64	Similar
Jersey Community Hospital *	Jerseyville	.	.	.	.	.	.	Not Available
Katherine Shaw Bethea Hospital	Dixon	0	238	0.16	.	.	.	Not Available
Little Company of Mary Hospital	Evergreen Park	4	2295	2.31	1.73	0.55	4.17	Similar

Central Line Associated Bloodstream Infection (CLABSI) Standardized Infection Ratio (SIR ^a)
Reportable Period: January 1, 2016 - December 31, 2016
STATEWIDE

Location: Adult Medical/Surgical Intensive Care Unit

						95% Confidence Interval		
Hospital Name	Hospital City	Observed Number of CLABSIs	Number of Central Line Days ^b	Statistically Predicted Number of CLABSIs	Standardized Infection Ratio (SIR) ^c	Lower Limit ^d	Upper Limit	Statistical Interpretation ^e
Loyola Gottlieb Memorial Hospital	Melrose Park	0	1564	1.53	0.00	.	1.96	Similar
MacNeal Hospital	Berwyn	5	1808	1.82	2.75	1.01	6.09	Higher
McDonough District Hospital	Macomb	0	68	0.05	.	.	.	Not Available
Memorial Hospital	Belleville	3	2676	2.34	1.28	0.33	3.49	Similar
Memorial Hospital East	Shiloh	0	212	0.19	.	.	.	Not Available
Memorial Hospital of Carbondale	Carbondale	0	2078	1.82	0.00	.	1.65	Similar
Memorial Medical Center	Springfield	4	1102	1.24	3.22	1.02	7.76	Higher
Mercy Hospital & Medical Center	Chicago	1	2202	2.16	0.46	0.02	2.29	Similar
Mercyhealth Hospital and Medical Center-Harvard *	Harvard	.	.	.	.	.	.	Not Available
Mercyhealth Hospital-Rockton Avenue	Rockford	3	2004	1.74	1.73	0.44	4.70	Similar
Methodist Hospital of Chicago	Chicago	0	283	0.21	.	.	.	Not Available
Morris Hospital & Healthcare Centers	Morris	0	1032	0.69	.	.	.	Not Available
Northshore Univ HS Evanston Hospital	Evanston	2	3236	3.65	0.55	0.09	1.81	Similar
Northshore Univ HS Glenbrook Hospital	Glenview	1	1710	1.68	0.60	0.03	2.94	Similar
Northshore Univ HS Highland Park Hospital	Highland Park	0	1421	1.24	0.00	.	2.41	Similar
Northshore Univ HS Skokie Hospital	Skokie	0	1214	1.19	0.00	.	2.52	Similar
Northwest Community Healthcare Hospital	Arlington Heights	2	2816	2.44	0.82	0.14	2.70	Similar
Northwestern Medicine Central DuPage Hospital	Winfield	2	1687	1.46	1.37	0.23	4.51	Similar
Northwestern Medicine Central DuPage Hospital *	Winfield	.	.	.	.	.	.	Not Available
Northwestern Medicine Delnor Hospital *	Geneva	.	.	.	.	.	.	Not Available
Northwestern Medicine Kishwaukee Hospital	DeKalb	0	1263	0.95	.	.	.	Not Available
Northwestern Medicine Lake Forest Hospital	Lake Forest	0	973	0.73	.	.	.	Not Available
Northwestern Medicine Valley West Hospital *	Sandwich	.	.	.	.	.	.	Not Available
OSF Saint Anthony Medical Center	Rockford	2	2414	2.09	0.96	0.16	3.15	Similar
OSF Saint Anthony Medical Center	Rockford	3	1456	1.26	2.37	0.60	6.46	Similar

Central Line Associated Bloodstream Infection (CLABSI) Standardized Infection Ratio (SIR ^a)
Reportable Period: January 1, 2016 - December 31, 2016
STATEWIDE

Location: Adult Medical/Surgical Intensive Care Unit

Hospital Name	Hospital City	Observed Number of CLABSIs	Number of Central Line Days ^b	Statistically Predicted Number of CLABSIs	Standardized Infection Ratio (SIR) ^c	95% Confidence Interval		Statistical Interpretation ^e
						Lower Limit ^d	Upper Limit	
OSF Saint Anthony's Health Center	Alton	0	612	0.53	.	.	.	Not Available
OSF Saint Elizabeth Medical Center	Ottawa	0	94	0.07	.	.	.	Not Available
OSF Saint James-John W Albrecht Medical Center *	Pontiac	.	.	.	.	.	.	Not Available
OSF Saint Luke Medical Center *	Kewanee	.	.	.	.	.	.	Not Available
OSF St Joseph Medical Center	Bloomington	0	809	0.61	.	.	.	Not Available
OSF St Mary Medical Center	Galesburg	1	402	0.27	.	.	.	Not Available
OSF St Paul Medical Center *	Mendota	.	.	.	.	.	.	Not Available
Palos Community Hospital	Palos Heights	0	2168	1.88	0.00	.	1.59	Similar
Passavant Area Hospital	Jacksonville	0	260	0.20	.	.	.	Not Available
Perry Memorial Hospital *	Princeton	.	.	.	.	.	.	Not Available
Presence Covenant Medical Center	Urbana	0	963	0.94	.	.	.	Not Available
Presence Mercy Medical Center	Aurora	1	1433	1.24	0.80	0.04	3.97	Similar
Presence Resurrection Medical Center	Chicago	4	5073	5.72	0.70	0.22	1.69	Similar
Presence Saint Francis Hospital	Evanston	1	1397	1.22	0.82	0.04	4.04	Similar
Presence Saint Joseph Hospital	Elgin	1	1575	1.19	0.84	0.04	4.16	Similar
Presence Saint Joseph Hospital	Chicago	0	1191	1.20	0.00	.	2.50	Similar
Presence Saint Joseph Medical Center	Joliet	3	2181	2.20	1.37	0.35	3.72	Similar
Presence Saint Joseph Medical Center	Joliet	2	2692	2.71	0.74	0.12	2.44	Similar
Presence Saints Mary and Elizabeth Medical Center	Chicago	1	1648	1.66	0.60	0.03	2.97	Similar
Presence United Samaritans Medical Center	Danville	0	352	0.27	.	.	.	Not Available
Riverside Medical Center	Kankakee	0	1576	1.78	0.00	.	1.69	Similar
Rochelle Community Hospital *	Rochelle	.	.	.	.	.	.	Not Available
Roseland Community Hospital	Chicago	0	351	0.26	.	.	.	Not Available
Rush Oak Park Hospital	Oak Park	0	581	0.44	.	.	.	Not Available
Rush-Copley Medical Center	Aurora	0	2020	2.28	0.00	.	1.31	Similar
SSM Health Good Samaritan Hospital	Mount Vernon	1	1822	1.37	0.73	0.04	3.59	Similar

Central Line Associated Bloodstream Infection (CLABSI) Standardized Infection Ratio (SIR ^a)
Reportable Period: January 1, 2016 - December 31, 2016
STATEWIDE

Location: Adult Medical/Surgical Intensive Care Unit

Hospital Name	Hospital City	Observed Number of CLABSIs	Number of Central Line Days ^b	Statistically Predicted Number of CLABSIs	Standardized Infection Ratio (SIR) ^c	95% Confidence Interval		Statistical Interpretation ^e
						Lower Limit ^d	Upper Limit	
SSM Health St Mary's Hospital	Centralia	0	617	0.46	.	.	.	Not Available
Salem Township Hospital *	Salem	.	.	.	.	.	.	Not Available
Sarah Bush Lincoln Health Center	Mattoon	0	737	0.56	.	.	.	Not Available
Silver Cross Hospital	New Lenox	2	2384	2.07	0.97	0.16	3.19	Similar
St Bernard Hospital & Health Care Center	Chicago	2	1409	1.06	1.88	0.32	6.22	Similar
St Margaret's Health	Spring Valley	0	59	0.04	.	.	.	Not Available
Swedish Covenant Hospital	Chicago	2	1456	1.64	1.22	0.20	4.02	Similar
SwedishAmerican Hospital	Rockford	0	1602	1.61	0.00	.	1.86	Similar
Thorek Hospital & Medical Center	Chicago	1	335	0.25	.	.	.	Not Available
Touchette Regional Hospital	Centreville	0	135	0.10	.	.	.	Not Available
UnityPoint Health - Pekin	Pekin	0	346	0.26	.	.	.	Not Available
Unitypoint Health - Methodist	Peoria	0	837	0.84	.	.	.	Not Available
Unitypoint Health - Proctor	Peoria	0	352	0.27	.	.	.	Not Available
University of Illinois Hospital & Health Sci System	Chicago	3	3386	3.82	0.79	0.20	2.14	Similar
Vista Medical Center East	Waukegan	2	2837	2.46	0.81	0.14	2.68	Similar
Weiss Memorial Hospital	Chicago	4	1882	1.65	2.43	0.77	5.86	Similar
West Suburban Medical Center	Oak Park	0	1437	1.41	0.00	.	2.13	Similar
Westlake Hospital	Melrose Park	1	830	0.63	.	.	.	Not Available

Central Line Associated Bloodstream Infection (CLABSI) Standardized Infection Ratio (SIR ^a)
Reportable Period: January 1, 2016 - December 31, 2016
STATEWIDE

Location: Adult Neurologic Intensive Care Unit

Hospital Name	Hospital City	Observed Number of CLABSIs	Number of Central Line Days ^b	Statistically Predicted Number of CLABSIs	Standardized Infection Ratio (SIR) ^c	95% Confidence Interval		Statistical Interpretation ^e
						Lower Limit ^d	Upper Limit	
Advocate Christ Medical Center	Oak Lawn	0	858	0.97	.	.	.	Not Available
Loyola University Medical Center	Maywood	2	1398	1.58	1.27	0.21	4.19	Similar
OSF Saint Francis Medical Center	Peoria	0	753	0.85	.	.	.	Not Available
Presence Saint Joseph Medical Center	Joliet	0	606	0.61	.	.	.	Not Available

Central Line Associated Bloodstream Infection (CLABSI) Standardized Infection Ratio (SIR ^a)
Reportable Period: January 1, 2016 - December 31, 2016
STATEWIDE

Location: Adult Neurosurgical Intensive Care Unit

Hospital Name	Hospital City	Observed Number of CLABSIs	Number of Central Line Days ^b	Statistically Predicted Number of CLABSIs	Standardized Infection Ratio (SIR) ^c	95% Confidence Interval		Statistical Interpretation ^e
						Lower Limit ^d	Upper Limit	
HSHS St John's Hospital	Springfield	0	1046	1.18	0.00	.	2.54	Similar
John H Stroger Jr Hospital of Cook County	Chicago	0	466	0.53	.	.	.	Not Available
Northwestern Memorial Hospital	Chicago	1	2087	2.36	0.43	0.02	2.10	Similar
Rush University Medical Center	Chicago	3	2099	2.37	1.27	0.32	3.45	Similar
University of Chicago Medicine	Chicago	1	1110	1.25	0.80	0.04	3.94	Similar
University of Illinois Hospital & Health Sci System	Chicago	3	3100	3.50	0.86	0.22	2.33	Similar

Central Line Associated Bloodstream Infection (CLABSI) Standardized Infection Ratio (SIR ^a)
Reportable Period: January 1, 2016 - December 31, 2016
STATEWIDE

Location: Adult Cardiothoracic Intensive Care Unit

Hospital Name	Hospital City	Observed Number of CLABSIs	Number of Central Line Days ^b	Statistically Predicted Number of CLABSIs	Standardized Infection Ratio (SIR) ^c	95% Confidence Interval		Statistical Interpretation ^e
						Lower Limit ^d	Upper Limit	
Advocate Christ Medical Center	Oak Lawn	6	5861	6.61	0.91	0.37	1.89	Similar
Blessing Hospital	Quincy	0	468	0.47	.	.	.	Not Available
Carle Foundation Hospital	Urbana	1	1605	1.81	0.55	0.03	2.72	Similar
HSHS St John's Hospital	Springfield	0	588	0.66	.	.	.	Not Available
Loyola University Medical Center	Maywood	4	3979	4.49	0.89	0.28	2.15	Similar
Loyola University Medical Center	Maywood	5	2171	2.45	2.04	0.75	4.53	Similar
Memorial Medical Center	Springfield	2	1354	1.53	1.31	0.22	4.33	Similar
Northwestern Medicine Central DuPage Hospital	Winfield	2	2612	2.27	0.88	0.15	2.92	Similar
Northwestern Memorial Hospital	Chicago	7	3113	3.51	1.99	0.87	3.94	Similar
Northwestern Memorial Hospital	Chicago	7	3113	3.51	1.99	0.87	3.94	Similar
OSF Saint Francis Medical Center	Peoria	3	2786	3.14	0.95	0.24	2.60	Similar
Presence Saint Francis Hospital	Evanston	1	682	0.60	.	.	.	Not Available
Unitypoint Health - Methodist	Peoria	1	1031	1.04	0.96	0.05	4.75	Similar
University of Chicago Medicine	Chicago	7	4329	4.88	1.43	0.63	2.84	Similar

Central Line Associated Bloodstream Infection (CLABSI) Standardized Infection Ratio (SIR ^a)
Reportable Period: January 1, 2016 - December 31, 2016
STATEWIDE

Location: Adult Surgical Intensive Care Unit

Hospital Name	Hospital City	Observed Number of CLABSIs	Number of Central Line Days ^b	Statistically Predicted Number of CLABSIs	Standardized Infection Ratio (SIR) ^c	95% Confidence Interval		Statistical Interpretation ^e
						Lower Limit ^d	Upper Limit	
Advocate Christ Medical Center	Oak Lawn	0	2253	2.54	0.00	.	1.18	Similar
Advocate Christ Medical Center	Oak Lawn	2	4326	4.88	0.41	0.07	1.35	Similar
Advocate Illinois Masonic Medical Center	Chicago	0	1001	1.13	0.00	.	2.65	Similar
Advocate Lutheran General Hospital	Park Ridge	0	2090	2.11	0.00	.	1.42	Similar
Holy Cross Hospital	Chicago	0	1167	0.88	.	.	.	Not Available
John H Stroger Jr Hospital of Cook County	Chicago	1	1252	1.41	0.71	0.04	3.49	Similar
Loyola University Medical Center	Maywood	2	4471	5.04	0.40	0.07	1.31	Similar
Memorial Medical Center	Springfield	2	2055	2.32	0.86	0.15	2.85	Similar
Metrosouth Medical Center	Blue Island	0	818	0.71	.	.	.	Not Available
Mount Sinai Hospital	Chicago	1	1115	1.12	0.89	0.05	4.39	Similar
Northwestern Memorial Hospital	Chicago	4	2034	2.30	1.74	0.55	4.20	Similar
OSF Saint Francis Medical Center	Peoria	7	1711	1.93	3.63	1.59	7.17	Higher
Presence St Marys Hospital	Kankakee	2	580	0.44	.	.	.	Not Available
Rush University Medical Center	Chicago	5	3897	4.40	1.14	0.42	2.52	Similar
Unitypoint Health - Trinity Rock Island	Rock Island	1	1011	0.88	.	.	.	Not Available
University of Chicago Medicine	Chicago	1	1857	2.00	0.50	0.03	2.46	Similar

Central Line Associated Bloodstream Infection (CLABSI) Standardized Infection Ratio (SIR ^a)
Reportable Period: January 1, 2016 - December 31, 2016
STATEWIDE

Location: Adult Trauma Intensive Care Unit

Hospital Name	Hospital City	Observed Number of CLABSIs	Number of Central Line Days ^b	Statistically Predicted Number of CLABSIs	Standardized Infection Ratio (SIR) ^c	95% Confidence Interval		Statistical Interpretation ^e
						Lower Limit ^d	Upper Limit	
Advocate Christ Medical Center	Oak Lawn	0	2184	3.34	0.00	.	0.90	Lower
HSHS St John's Hospital	Springfield	2	1052	1.61	1.24	0.21	4.11	Similar
John H Stroger Jr Hospital of Cook County	Chicago	2	877	1.34	1.49	0.25	4.93	Similar

NHSN Data contained in this report were last generated on November 14, 2017

* Hospital with 50 or fewer central line days

^a The Standardized Infection Ratio (SIR) is a summary measure used to compare central line associated bloodstream infection (CLABSI) experience among a group of reported locations to that of a standard population. It is the observed number of infections divided by the predicted number of infections.

^b Too few central line days. Reporting on too few procedures is a risk to patient confidentiality. If there are fifty (50) or fewer central line days, the report for the number of infections will be deferred until there are more central line days.

^c If the predicted number of infections is less than 1.0, the SIR is not calculated because it does not meet the minimum requirement for precision.

If the number of observed infections is 0 and the number predicted is greater than or equal to 1.0, a 95% confidence interval is reported

^d The lower bound of the confidence interval is calculated only if the infection count greater than 0.

^e Statistical Interpretation of SIR:

- If the 95% confidence interval includes 1.00, the hospital's infection rate is 'Similar' (not significantly different) from predicted.
- If the SIR is greater than 1.0 and the 95% confidence interval does not include 1, the hospital's infection rate is significantly 'Higher' than predicted.
- If the SIR is less than 1.0 and the 95% confidence interval does not include 1, the hospital's infection rate is significantly 'Lower' than predicted.

NOTE: All conclusions are based on the assumption that the hospital's patient population is similar to the NHSN pooled patient population