



Pat Quinn, Governor  
Damon T. Arnold, M.D., M.P.H., Director

---

525-535 West Jefferson Street • Springfield, Illinois 62761-0001 • [www.idph.state.il.us](http://www.idph.state.il.us)

## **Illinois Statewide Central Line-associated Blood Stream Infection Report (CLABSI)**

### **Adult Intensive Care**

#### ***Health Care Associated Infections***

Hospitals in Illinois are participating in programs to reduce the number of infections acquired during hospital stays. While it is difficult to reduce infections to zero, following specific protocols can greatly reduce the risk. 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). Comparison summary data for CLABSIs, expressed as a Standardized Infection Ratio (SIR), are presented by hospital for each of three ICU types (Medical, Surgical and Medical/Surgical). Interpretation of these summary measures is provided.

## Central Line Associated Bloodstream Infection (CLABSI) Standardized Infection Ratio (SIR<sup>a</sup>)

Reportable Period: January 1, 2010 - December 31, 2010

Location: Adult Medical Intensive Care Unit

### STATEWIDE

Hospital	City	Observed [O] Number of CLABSIs	Number of Central Line Days <sup>b</sup>	Statistically "Expected" [E] Number of CLABSIs <sup>c</sup>	Unit- Specific SIR <sup>d</sup> = O/E	95% Confidence Interval [CI] <sup>e</sup>		Statistical Interpretation
						Lower Bound <sup>f</sup>	Upper Bound	
ADVOCATE TRINITY HOSPITAL *	CHICAGO	0	2195	4.17	0	-----	0.88	Lower
LOYOLA UNIVERSITY MEDICAL CENTER	MAYWOOD	1	3521	9.15	0.11	0	0.61	Lower
NORTHWESTERN MEMORIAL HOSPITAL	CHICAGO	2	5490	10.43	0.19	0.02	0.69	Lower
ADVOCATE CHRIST HOSPITAL and MEDICAL CENTER	OAK LAWN	4	3834	9.97	0.4	0.11	1.03	Similar
ADVOCATE ILLINOIS MASONIC MEDICAL CENTER	CHICAGO	1	1789	4.65	0.22	0	1.2	Similar
DELNOR HOSPITAL **	GENEVA	0	1043	1.98	0	-----	1.85	Similar
JOHN H STROGER JR HOSPITAL OF COOK COUNTY	CHICAGO	6	3894	7.4	0.81	0.3	1.76	Similar
LORETTO HOSPITAL	CHICAGO	4	1193	2.27	1.76	0.48	4.52	Similar
METROSOUTH MEDICAL CENTER **	BLUE ISLAND	0	1267	2.41	0	-----	1.52	Similar
MOUNT SINAI HOSPITAL	CHICAGO	4	1826	3.47	1.15	0.31	2.95	Similar
OSF SAINT FRANCIS MEDICAL CENTER	PEORIA	2	2158	5.61	0.36	0.04	1.29	Similar
RUSH UNIVERSITY MEDICAL CENTER	CHICAGO	8	2968	5.64	1.42	0.61	2.8	Similar
SAINT ANTHONY HOSPITAL	CHICAGO	1	601	1.14	0.88	0.01	4.87	Similar
SOUTH SHORE HOSPITAL	CHICAGO	1	905	1.72	0.58	0.01	3.24	Similar
TRINITY MEDICAL CENTER-ROCK ISLAND	ROCK ISLAND	2	1216	2.31	0.87	0.1	3.13	Similar
UNIVERSITY OF CHICAGO MEDICAL CENTER	CHICAGO	3	3077	8	0.38	0.08	1.1	Similar
CROSSROADS COMMUNITY HOSPITAL **	MOUNT VERNON	0	171	0.32	-----			Not Available
OAK FOREST HOSPITAL OF COOK COUNTY **	OAK FOREST	0	237	0.45	-----			Not Available

## Central Line Associated Bloodstream Infection (CLABSI) Standardized Infection Ratio (SIR<sup>a</sup>)

Reportable Period: January 1, 2010 - December 31, 2010

Location: Adult Surgical Intensive Care Unit

### STATEWIDE

Hospital	City	Observed [O] Number of CLABSIs	Number of Central Line Days <sup>b</sup>	Statistically "Expected" [E] Number of CLABSIs <sup>c</sup>	Unit- Specific SIR <sup>d</sup> = O/E	95% Confidence Interval [CI] <sup>e</sup>		Statistical Interpretation
						Lower Bound <sup>f</sup>	Upper Bound	
ADVOCATE LUTHERAN GENERAL HOSPITAL *	PARK RIDGE	0	2713	6.24	0	-----	0.59	Lower
ADVOCATE ILLINOIS MASONIC MEDICAL CENTER	CHICAGO	3	1902	4.37	0.69	0.14	2	Similar
CARLE FOUNDATION HOSPITAL	URBANA	5	2690	6.19	0.81	0.26	1.89	Similar
JOHN H STROGER JR HOSPITAL OF COOK COUNTY	CHICAGO	5	1952	4.49	1.11	0.36	2.6	Similar
LOYOLA UNIVERSITY MEDICAL CENTER	MAYWOOD	6	3562	8.19	0.73	0.27	1.59	Similar
MEMORIAL MEDICAL CENTER	SPRINGFIELD	4	2941	6.76	0.59	0.16	1.51	Similar
METROSOUTH MEDICAL CENTER **	BLUE ISLAND	0	1043	2.4	0	-----	1.53	Similar
MOUNT SINAI HOSPITAL	CHICAGO	1	1559	3.59	0.28	0	1.55	Similar
NORTHWESTERN MEMORIAL HOSPITAL	CHICAGO	2	2339	5.38	0.37	0.04	1.34	Similar
OSF SAINT FRANCIS MEDICAL CENTER	PEORIA	3	1710	3.93	0.76	0.15	2.23	Similar
RUSH UNIVERSITY MEDICAL CENTER	CHICAGO	8	3921	9.02	0.89	0.38	1.75	Similar
TRINITY MEDICAL CENTER-ROCK ISLAND **	ROCK ISLAND	0	1007	2.32	0	-----	1.58	Similar
UNIVERSITY OF CHICAGO MEDICAL CENTER	CHICAGO	1	2006	4.61	0.22	0	1.21	Similar
SWEDISH COVENANT HOSPITAL **	CHICAGO	0	82	0.19	-----			Not Available

## Central Line Associated Bloodstream Infection (CLABSI) Standardized Infection Ratio (SIR<sup>a</sup>)

Reportable Period: January 1, 2010 - December 31, 2010

Location: Adult Medical/Surgical Intensive Care Unit

### STATEWIDE

Hospital	City	Observed [O] Number of CLABSIs	Number of Central Line Days <sup>b</sup>	Statistically "Expected" [E] Number of CLABSIs <sup>c</sup>	Unit- Specific SIR <sup>d</sup> = O/E	95% Confidence Interval [CI] <sup>e</sup>		Statistical Interpretation
						Lower Bound <sup>f</sup>	Upper Bound	
ADVOCATE CONDELL MEDICAL CENTER*	LIBERTYVILLE	0	2818	4.23	0	-----	0.87	Lower
CENTEGRA HOSPITAL*	MCHENRY	0	2747	4.12	0	-----	0.89	Lower
MEMORIAL MEDICAL CENTER	SPRINGFIELD	1	2962	6.22	0.16	0	0.89	Lower
ADVENTIST BOLINGBROOK HOSPITAL	BOLINGBROOK	1	753	1.13	0.89	0.01	4.93	Similar
ADVENTIST GLENOAKS HOSPITAL	GLENDAL HTS	3	1001	1.5	2	0.4	5.84	Similar
ADVENTIST HINSDALE HOSPITAL	HINSDALE	1	913	1.37	0.73	0.01	4.06	Similar
ADVENTIST LA GRANGE MEMORIAL HOSPITAL	LA GRANGE	2	2401	3.6	0.56	0.06	2	Similar
ADVOCATE BROMENN MEDICAL CENTER**	NORMAL	0	778	1.17	0	-----	3.14	Similar
ADVOCATE GOOD SAMARITAN HOSPITAL	DOWNERS GROVE	5	6650	9.97	0.5	0.16	1.17	Similar
ADVOCATE GOOD SHEPHERD HOSPITAL	BARRINGTON	2	2030	3.04	0.66	0.07	2.37	Similar
ADVOCATE SOUTH SUBURBAN HOSPITAL	HAZEL CREST	2	2118	3.18	0.63	0.07	2.27	Similar
ALEXIAN BROTHERS MEDICAL CENTER	ELK GROVE VILLAGE	2	4160	6.24	0.32	0.04	1.16	Similar
ALTON MEMORIAL HOSPITAL**	ALTON	0	1926	2.89	0	-----	1.27	Similar
BLESSING HOSPITAL**	QUINCY	0	1320	1.98	0	-----	1.85	Similar
CENTEGRA HOSPITAL	WOODSTOCK	1	1278	1.92	0.52	0.01	2.9	Similar
CENTRAL DUPAGE HOSPITAL**	WINFIELD	0	1993	2.99	0	-----	1.23	Similar
CENTRAL DUPAGE HOSPITAL	WINFIELD	2	1560	2.34	0.86	0.1	3.09	Similar
DELNOR HOSPITAL	GENEVA	1	794	1.19	0.84	0.01	4.67	Similar
EDWARD HOSPITAL	NAPERVILLE	2	1861	2.79	0.72	0.08	2.59	Similar

Hospital	City	Observed [O] Number of CLABSIs	Number of Central Line Days <sup>b</sup>	Statistically "Expected" [E] Number of CLABSIs <sup>c</sup>	Unit- Specific SIR <sup>d</sup> = O/E	95% Confidence Interval [CI] <sup>e</sup>		Statistical Interpretation
						Lower Bound <sup>f</sup>	Upper Bound	
EDWARD HOSPITAL	NAPERVILLE	2	1396	2.09	0.96	0.1	3.45	Similar
ELMHURST MEMORIAL HOSPITAL	ELMHURST	4	2303	3.45	1.16	0.31	2.96	Similar
FRANCISCAN ST JAMES HEALTH	CHICAGO HEIGHTS	4	1732	2.6	1.54	0.41	3.94	Similar
FRANCISCAN ST JAMES HEALTH	OLYMPIA FIELDS	7	2888	4.33	1.62	0.65	3.33	Similar
GALESBURG COTTAGE HOSPITAL	GALESBURG	1	773	1.16	0.86	0.01	4.8	Similar
GOOD SAMARITAN REGIONAL HEALTH CENTER	MOUNT VERNON	1	1691	2.54	0.39	0.01	2.19	Similar
HEARTLAND REGIONAL MEDICAL CENTER**	MARION	0	1421	2.13	0	-----	1.72	Similar
HOLY CROSS HOSPITAL	CHICAGO	1	2644	3.97	0.25	0	1.4	Similar
INGALLS HOSPITAL	HARVEY	3	2903	4.35	0.69	0.14	2.01	Similar
KISHWAUKEE COMMUNITY HOSPITAL	DE KALB	1	979	1.47	0.68	0.01	3.79	Similar
LITTLE COMPANY OF MARY HOSPITAL & HC CENTERS	EVERGREEN PARK	1	3214	4.82	0.21	0	1.15	Similar
LOUIS A WEISS MEMORIAL HOSPITAL	CHICAGO	3	2896	4.34	0.69	0.14	2.02	Similar
LOYOLA GOTTLIEB MEMORIAL HOSPITAL	MELROSE PARK	5	2469	3.7	1.35	0.44	3.15	Similar
MACNEAL HOSPITAL	BERWYN	3	2757	4.14	0.73	0.15	2.12	Similar
MEMORIAL HOSPITAL*	BELLEVILLE	0	2224	3.34	0	-----	1.1	Similar
MEMORIAL HOSPITAL OF CARBONDALE	CARBONDALE	5	2071	3.11	1.61	0.52	3.76	Similar
MERCY HOSPITAL & MEDICAL CENTER	CHICAGO	8	2975	6.25	1.28	0.55	2.52	Similar
METHODIST MEDICAL CENTER OF ILLINOIS	PEORIA	1	1292	2.71	0.37	0.01	2.05	Similar
MIDWESTERN REGIONAL MEDICAL CENTER**	ZION	0	874	1.31	0	-----	2.8	Similar
MORRIS HOSPITAL & HEALTHCARE CENTERS**	MORRIS	0	689	1.03	0	-----	3.55	Similar
NORTHSHORE UNIV HS EVANSTON HOSPITAL	EVANSTON	3	2658	5.58	0.54	0.11	1.57	Similar
NORTHSHORE UNIV HS GLENBROOK HOSPITAL**	GLENVIEW	0	1409	2.11	0	-----	1.74	Similar
NORTHSHORE UNIV HS HIGHLAND PARK HOSPITAL**	HIGHLAND PARK	0	1356	2.03	0	-----	1.8	Similar
NORTHWEST COMMUNITY HOSPITAL	ARLINGTON HEIGHTS	4	3660	5.49	0.73	0.2	1.87	Similar
NORWEGIAN-AMERICAN HOSPITAL	CHICAGO	4	1153	1.73	2.31	0.62	5.92	Similar
OSF SAINT ANTHONY MEDICAL CENTER	ROCKFORD	5	3178	4.77	1.05	0.34	2.45	Similar

Hospital	City	Observed [O] Number of CLABSIs	Number of Central Line Days <sup>b</sup>	Statistically "Expected" [E] Number of CLABSIs <sup>c</sup>	Unit- Specific SIR <sup>d</sup> = O/E	95% Confidence Interval [CI] <sup>e</sup>		Statistical Interpretation
						Lower Bound <sup>f</sup>	Upper Bound	
OSF SAINT ANTHONY MEDICAL CENTER	ROCKFORD	3	2180	3.27	0.92	0.18	2.68	Similar
OSF ST JOSEPH MEDICAL CENTER	BLOOMINGTON	4	1580	2.37	1.69	0.45	4.32	Similar
OUR LADY OF THE RESURRECTION MEDICAL CENTER	CHICAGO	2	1702	2.55	0.78	0.09	2.83	Similar
OUR LADY OF THE RESURRECTION MEDICAL CENTER	CHICAGO	6	2430	3.65	1.65	0.6	3.58	Similar
PALOS COMMUNITY HOSPITAL**	PALOS HEIGHTS	0	1031	1.55	0	-----	2.37	Similar
PROCTOR HOSPITAL**	PEORIA	0	1328	1.99	0	-----	1.84	Similar
PROVENA COVENANT MEDICAL CENTER	URBANA	2	1903	4	0.5	0.06	1.81	Similar
PROVENA SAINT JOSEPH HOSPITAL	ELGIN	2	1836	2.75	0.73	0.08	2.62	Similar
PROVENA SAINT JOSEPH MEDICAL CENTER	JOLIET	4	1941	2.91	1.37	0.37	3.52	Similar
PROVENA ST MARY'S HOSPITAL	KANKAKEE	1	1527	2.29	0.44	0.01	2.43	Similar
PROVIDENT HOSPITAL OF COOK COUNTY**	CHICAGO	0	703	1.05	0	-----	3.48	Similar
RIVERSIDE MEDICAL CENTER**	KANKAKEE	0	1436	2.15	0	-----	1.7	Similar
ROCKFORD MEMORIAL HOSPITAL	ROCKFORD	7	3595	5.39	1.3	0.52	2.67	Similar
ROSELAND COMMUNITY HOSPITAL	CHICAGO	1	1351	2.03	0.49	0.01	2.75	Similar
RUSH OAK PARK HOSPITAL	OAK PARK	2	1720	2.58	0.78	0.09	2.8	Similar
RUSH-COPLEY MEDICAL CENTER	AURORA	1	2225	4.67	0.21	0	1.19	Similar
SACRED HEART HOSPITAL	CHICAGO	3	754	1.13	2.65	0.53	7.75	Similar
SAINT ANTHONY'S HEALTH CENTER**	ALTON	0	1207	1.81	0	-----	2.03	Similar
SAINT JOSEPH HOSPITAL	CHICAGO	2	2362	3.54	0.56	0.06	2.04	Similar
SAINTS MARY AND ELIZABETH MEDICAL CENTER	CHICAGO	4	2482	3.72	1.07	0.29	2.75	Similar
SARAH BUSH LINCOLN HEALTH CENTER**	MATTOON	0	712	1.07	0	-----	3.44	Similar
SHERMAN HOSPITAL	ELGIN	1	2677	4.02	0.25	0	1.39	Similar
SILVER CROSS HOSPITAL	JOLIET	2	1550	2.33	0.86	0.1	3.11	Similar
ST ALEXIUS MEDICAL CENTER	HOFFMAN ESTATES	2	3075	4.61	0.43	0.05	1.57	Similar
ST BERNARD HOSPITAL & HEALTH CARE CENTER	CHICAGO	2	1286	1.93	1.04	0.12	3.74	Similar
ST ELIZABETH'S HOSPITAL	BELLEVILLE	4	1628	2.44	1.64	0.44	4.19	Similar

Hospital	City	Observed [O] Number of CLABSIs	Number of Central Line Days <sup>b</sup>	Statistically "Expected" [E] Number of CLABSIs <sup>c</sup>	Unit- Specific SIR <sup>d</sup> = O/E	95% Confidence Interval [CI] <sup>e</sup>		Statistical Interpretation
						Lower Bound <sup>f</sup>	Upper Bound	
ST FRANCIS HOSPITAL	EVANSTON	4	3171	4.76	0.84	0.23	2.15	Similar
ST JOHN'S HOSPITAL	SPRINGFIELD	10	4006	8.41	1.19	0.57	2.19	Similar
ST MARY'S HOSPITAL	CENTRALIA	1	1070	1.61	0.62	0.01	3.47	Similar
ST MARY'S HOSPITAL**	DECATUR	0	956	1.43	0	-----	2.56	Similar
SWEDISH AMERICAN HOSPITAL	ROCKFORD	8	3476	5.21	1.53	0.66	3.02	Similar
SWEDISH COVENANT HOSPITAL	CHICAGO	1	1664	3.49	0.29	0	1.59	Similar
THOREK HOSPITAL & MEDICAL CENTER	CHICAGO	1	1257	1.89	0.53	0.01	2.95	Similar
UNIVERSITY OF ILLINOIS MEDICAL CENTER AT CHICAGO	CHICAGO	7	3706	7.78	0.9	0.36	1.85	Similar
VHS WEST SUBURBAN MEDICAL CENTER	OAK PARK	1	2407	3.61	0.28	0	1.54	Similar
VHS WESTLAKE HOSPITAL	MELROSE PARK	2	1142	1.71	1.17	0.13	4.21	Similar
VISTA MEDICAL CENTER EAST	WAUKEGAN	4	2453	3.68	1.09	0.29	2.78	Similar
DECATUR MEMORIAL HOSPITAL	DECATUR	7	1407	2.11	3.32	1.33	6.83	Higher
ANDERSON HOSPITAL**	MARYVILLE	0	637	0.96	-----		0	Not Available
CGH MEDICAL CENTER**	STERLING	0	601	0.9	-----		0	Not Available
DECATUR MEMORIAL HOSPITAL**	DECATUR	0	476	0.71	-----		0	Not Available
FAIRFIELD MEMORIAL HOSPITAL	FAIRFIELD	1	120	0.18	-----		0	Not Available
FHN MEMORIAL HOSPITAL	FREEPORT	1	474	0.71	-----		0	Not Available
GATEWAY REGIONAL MEDICAL CENTER	GRANITE CITY	2	474	0.71	-----		0	Not Available
GENESIS MEDICAL CENTER-ILLINI CAMPUS**	SILVIS	0	605	0.91	-----		0	Not Available
GRAHAM HOSPITAL**	CANTON	0	158	0.24	-----		0	Not Available
HARRISBURG MEDICAL CENTER**	HARRISBURG	0	148	0.22	-----		0	Not Available
HERRIN HOSPITAL	HERRIN	2	482	0.72	-----		0	Not Available
HOPEDALE MEDICAL COMPLEX**	HOPEDALE	0	123	0.18	-----		0	Not Available
IROQUOIS MEMORIAL HOSPITAL & RESIDENT HOME**	WATSEKA	0	77	0.12	-----		0	Not Available
KATHERINE SHAW BETHEA HOSPITAL**	DIXON	0	217	0.33	-----		0	Not Available
MCDONOUGH DISTRICT HOSPITAL**	MACOMB	0	131	0.2	-----		0	Not Available

Hospital	City	Observed [O] Number of CLABSIs	Number of Central Line Days <sup>b</sup>	Statistically "Expected" [E] Number of CLABSIs <sup>c</sup>	Unit- Specific SIR <sup>d</sup> = O/E	95% Confidence Interval [CI] <sup>e</sup>		Statistical Interpretation
						Lower Bound <sup>f</sup>	Upper Bound	
METHODIST HOSPITAL OF CHICAGO	CHICAGO	1	660	0.99	-----		0	Not Available
NORTHWESTERN LAKE FOREST HOSPITAL**	LAKE FOREST	0	604	0.91	-----		0	Not Available
OSF SAINT JAMES MEDICAL CENTER**	PONTIAC	0	339	0.51	-----		0	Not Available
OSF ST MARY MEDICAL CENTER**	GALESBURG	0	642	0.96	-----		0	Not Available
OTTAWA REGIONAL HOSPITAL & HEALTHCARE CENTER**	OTTAWA	0	109	0.16	-----		0	Not Available
PASSAVANT AREA HOSPITAL**	JACKSONVILLE	0	234	0.35	-----		0	Not Available
PEKIN HOSPITAL**	PEKIN	0	628	0.94	-----		0	Not Available
PROVENA UNITED SAMARITANS LOGAN	DANVILLE	1	641	0.96	-----		0	Not Available
ROCHELLE COMMUNITY HOSPITAL**	ROCHELLE	0	87	0.13	-----		0	Not Available
SALEM TOWNSHIP HOSPITAL**	SALEM	0	82	0.12	-----		0	Not Available
ST ANTHONY'S MEMORIAL HOSPITAL**	EFFINGHAM	0	370	0.56	-----		0	Not Available
ST FRANCIS HOSPITAL**	LITCHFIELD	0	65	0.1	-----		0	Not Available
ST MARY'S HOSPITAL**	STREATOR	0	293	0.44	-----		0	Not Available
TOUCHETTE REGIONAL HOSPITAL**	CENTREVILLE	0	521	0.78	-----		0	Not Available
VALLEY WEST COMMUNITY HOSPITAL**	SANDWICH	0	96	0.14	-----		0	Not Available



<sup>a</sup> The Standardized Infection Ratio (SIR) is a summary measure used to compare the 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 expected number of infections.

<sup>b</sup> 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.

<sup>c</sup> Please note that the "expected" number of infections does not mean that you expect to get an infection when you are hospitalized.

<sup>d</sup> If the expected number of infections is  $< 1.0$ , the SIR is not calculated because it does not meet the minimum requirement for precision.

<sup>e</sup> The confidence interval for a hospital's standardized infection ratio (SIR) is the range of possible SIRs within which there is 95% confidence that the real SIR for that hospital lies, given the number of infections and procedures that were observed in that hospital in a specific time period.

<sup>f</sup> The lower bound of the confidence interval is calculated only if the infection count  $> 0$ .

\* Zero Infections, significantly better than expected.

\*\* Zero Infections, but too few central line days to determine whether this is significantly better than expected.

**Interpretation of the SIR:** All conclusions are based on the assumption that the hospital's patient population is similar to the NHSN pooled patient population.

If the 95% confidence interval includes 1.0, the hospital's infection rate is similar (not significantly different) from "expected" (predicted).

If the SIR is greater than 1.0 and the 95% confidence interval does not include 1.0, the hospital's infection rate is significantly higher than "expected" (predicted).

If the SIR is less than 1.0 and the 95% confidence interval does not include 1.0, the hospital's infection rate is significantly lower than "expected" (predicted).