



Pat Quinn, Governor
LaMar Hasbrouck, MD, MPH, Director

122 S. Michigan Ave., Suite 700 • Chicago, IL 60603-6119 • www.idph.state.il.us

Illinois Statewide Report of Methicillin-resistant *Staphylococcus aureus* (MRSA) Bloodstream Infections in Acute Care Hospitals, NHSN Surveillance Reporting January 1, 2013 – December 31, 2013

As of January 1, 2012, all Illinois hospitals began mandated reporting of blood cultures positive for MRSA using the Center for Disease Control and Prevention's National Healthcare Safety Network (NHSN) Multidrug-Resistant Organism (MDRO) Laboratory-identified (LabID) Event module.

NHSN reporting enables a facility to rely almost exclusively on data obtained from the laboratory and allows the calculation of proxy measures of MRSA bloodstream events, exposures and healthcare acquisition. This is the first annual Illinois Department of Public Health report for hospital-onset MRSA positive blood cultures, using data submitted by hospitals to NHSN expressed as Standardized Infection Ratio (SIR).

Standardized Infection Ratio

The standardized infection ratio (SIR) and corresponding 95% confidence intervals for each LabID event type is calculated for facilities reporting Healthcare Facility Onset (HO) Incidence Rate of MRSA data to NHSN. The SIRs use risk models to determine the predicted number of MRSA infections based on the baseline data (referent population, 2010-2011 Inpatient facility-wide NHSN surveillance data), adjusting for significant risk factors. A comparison of the actual number of HO incident cases with the predicted number of infections is the SIR for that hospital. Three factors were found to be significant in predicting HO MRSA bacteremia LabID incidence: medical school affiliation, facility bedsize, and CO MRSA bacteremia prevalence rate. This data represents reporting of MRSA infections in Acute Care Hospitals from January 1, 2013 to December 31, 2013.

Additional information regarding these output options and the risk models can be found at:
<http://www.cdc.gov/nhsn/PDFs/mrsa-cdi/RiskAdjustment-MRSA-CDI.pdf>

Methicillin-resistant Staphylococcus aureus (MRSA) Bloodstream Infections Standardized Infection Ratio (SIR^d)
Reportable Period: January 1, 2013 - December 31, 2013

STATEWIDE

Hospital Name	City	Observed [O] Number of MRSA	Number of Patient Days	Statistically 'Expected' [E] Number of MRSA ^b	Unit-Specific SIR ^c = O/E	95% Confidence Interval ^d		Statistical Interpretation ^f
						Lower ^e	Upper	
ABRAHAM LINCOLN HOSPITAL	LINCOLN	0	5166	0.2271	.	.	.	Not Available
ADVENTIST BOLINGBROOK HOSPITAL	BOLINGBROOK	0	21560	0.8375	.	.	.	Not Available
ADVENTIST GLENOAKS HOSPITAL	GLENDAL HEIGHTS	2	30145	1.4281	1.400	0.235	4.627	Similar
ADVENTIST HINSDALE HOSPITAL	HINSDALE	0	58300	2.5526	0.000	.	1.174	Similar
ADVENTIST LA GRANGE MEMORIAL HOSPITAL	LAGRANGE	1	35938	1.6221	0.616	0.031	3.040	Similar
ADVOCATE BROMENN MEDICAL CENTER	NORMAL	0	41155	1.6309	0.000	.	1.837	Similar
ADVOCATE CHRIST MEDICAL CENTER	OAK LAWN	12	213958	17.8790	0.671	0.364	1.141	Similar
ADVOCATE CONDELL MEDICAL CENTER	LIBERTYVILLE	4	78679	3.8020	1.052	0.334	2.538	Similar
ADVOCATE EUREKA HOSPITAL	EUREKA	0	1570	0.0562	.	.	.	Not Available
ADVOCATE GOOD SAMARITAN HOSPITAL	DOWNERS GROVE	1	81830	3.6174	0.276	0.014	1.363	Similar
ADVOCATE GOOD SHEPHERD HOSPITAL	BARRINGTON	1	44087	1.7609	0.568	0.028	2.801	Similar
ADVOCATE ILLINOIS MASONIC MEDICAL CENTER	CHICAGO	2	77805	4.3578	0.459	0.077	1.516	Similar
ADVOCATE LUTHERAN GENERAL HOSPITAL	PARK RIDGE	0	165439	10.1293	0.000	.	0.296	Lower
ADVOCATE SHERMAN HOSPITAL	ELGIN	0	61695	2.4849	0.000	.	1.206	Similar
ADVOCATE SOUTH SUBURBAN HOSPITAL	HAZEL CREST	0	49503	2.6803	0.000	.	1.118	Similar
ADVOCATE TRINITY HOSPITAL	CHICAGO	0	45810	1.6412	0.000	.	1.825	Similar
ALEXIAN BROTHERS MEDICAL CENTER	ELK GROVE VILLAGE	3	82367	3.3896	0.885	0.225	2.409	Similar
ALTON MEMORIAL HOSPITAL	ALTON	1	27660	1.4744	0.678	0.034	3.345	Similar
ANDERSON HOSPITAL	MARYVILLE	0	31433	1.2197	0.000	.	2.456	Similar
ANN AND ROBERT H LURIE CHILDREN'S HOSPITAL OF CHICAGO	CHICAGO	3	70370	3.9866	0.753	0.191	2.048	Similar

Methicillin-resistant Staphylococcus aureus (MRSA) Bloodstream Infections Standardized Infection Ratio (SIR^d)
Reportable Period: January 1, 2013 - December 31, 2013

STATEWIDE

Hospital Name	City	Observed [O] Number of MRSA	Number of Patient Days	Statistically 'Expected' [E] Number of MRSA ^b	Unit-Specific SIR ^c = O/E	95% Confidence Interval ^d		Statistical Interpretation ^f
						Lower ^e	Upper	
BLESSING HOSPITAL	QUINCY	0	63113	3.6076	0.000	.	0.830	Lower
CARLE FOUNDATION HOSPITAL	URBANA	8	104792	7.2760	1.100	0.511	2.088	Similar
CARLINVILLE AREA HOSPITAL	CARLINVILLE	0	2844	0.1019	.	.	.	Not Available
CENTEGRA HOSPITAL - MCHENRY	MCHENRY	1	43206	2.0171	0.496	0.025	2.445	Similar
CENTEGRA HOSPITAL - WOODSTOCK	WOODSTOCK	0	29247	1.3494	0.000	.	2.220	Similar
CENTRAL DUPAGE HOSPITAL	WINFIELD	2	105730	4.1261	0.485	0.081	1.601	Similar
CLAY COUNTY HOSPITAL	FLORA	0	3744	0.1341	.	.	.	Not Available
COMMUNITY MEMORIAL HOSPITAL	STAUNTON	0	762	0.0273	.	.	.	Not Available
CRAWFORD MEMORIAL HOSPITAL	ROBINSON	0	4071	0.1459	.	.	.	Not Available
CROSSROADS COMMUNITY HOSPITAL	MT. VERNON	0	4610	0.3304	.	.	.	Not Available
DECATUR MEMORIAL HOSPITAL	DECATUR	4	42867	2.7360	1.462	0.465	3.527	Similar
DELNOR COMMUNITY HOSPITAL	GENEVA	0	32586	1.3696	0.000	.	2.187	Similar
DR. JOHN WARNER HOSPITAL	CLINTON	0	760	0.0272	.	.	.	Not Available
EDWARD HOSPITAL	NAPERVILLE	4	92567	3.9215	1.020	0.324	2.460	Similar
ELMHURST MEMORIAL HOSPITAL	ELMHURST	1	59816	2.6267	0.381	0.019	1.878	Similar
FAYETTE COUNTY HOSPITAL	VANDALIA	0	2054	0.2642	.	.	.	Not Available
FHN MEMORIAL HOSPITAL	FREEPORT	0	16391	0.6197	.	.	.	Not Available
FRANCISCAN ST. JAMES HEALTH – CHICAGO HEIGHTS	CHICAGO HEIGHTS	5	67356	3.6047	1.387	0.508	3.074	Similar
FRANCISCAN ST. JAMES HEALTH – OLYMPIA FIELDS	OLYMPIA FIELDS	5	67356	3.6047	1.387	0.508	3.074	Similar
FRANKLIN HOSPITAL	BENTON	0	958	0.0343	.	.	.	Not Available

Methicillin-resistant Staphylococcus aureus (MRSA) Bloodstream Infections Standardized Infection Ratio (SIR^d)
Reportable Period: January 1, 2013 - December 31, 2013

STATEWIDE

Hospital Name	City	Observed [O] Number of MRSA	Number of Patient Days	Statistically 'Expected' [E] Number of MRSA ^b	Unit-Specific SIR ^c = O/E	95% Confidence Interval ^d		Statistical Interpretation ^f
						Lower ^e	Upper	
GATEWAY REGIONAL MEDICAL CENTER	GRANITE CITY	1	36250	1.3812	0.724	0.036	3.571	Similar
GENESIS MEDICAL CENTER - ALEDO	ALEDO	0	1271	0.0455	.	.	.	Not Available
GENESIS MEDICAL CENTER - SILVIS	SILVIS	0	13818	0.5733	.	.	.	Not Available
GIBSON COMMUNITY HOSPITAL	GIBSON CITY	0	2823	0.1011	.	.	.	Not Available
GOOD SAMARITAN REGIONAL HEALTH CENTER	MT. VERNON	0	29525	1.5849	0.000	.	1.890	Similar
GRAHAM HOSPITAL ASSOCIATION	CANTON	0	12944	0.5794	.	.	.	Not Available
GREENVILLE REGIONAL HOSPITAL	GREENVILLE	0	5301	0.1899	.	.	.	Not Available
HAMILTON MEMORIAL HOSPITAL	MC LEANSBORO	0	3147	0.2303	.	.	.	Not Available
HAMMOND-HENRY HOSPITAL	GENESEO	0	3876	0.2239	.	.	.	Not Available
HARDIN COUNTY GENERAL HOSPITAL	ROSICLARE	0	1189	0.0426	.	.	.	Not Available
HARRISBURG MEDICAL CENTER, INC.	HARRISBURG	0	6586	0.2638	.	.	.	Not Available
HEARTLAND REGIONAL MEDICAL CENTER	MARION	0	16651	0.6488	.	.	.	Not Available
HERRIN HOSPITAL	HERRIN	3	28801	1.3914	2.156	0.548	5.868	Similar
HILLSBORO AREA HOSPITAL	HILLSBORO	0	3063	0.1097	.	.	.	Not Available
HOLY CROSS HOSPITAL	CHICAGO	3	56916	3.9061	0.768	0.195	2.090	Similar
ILLINI COMMUNITY HOSPITAL	PITTSFIELD	0	1272	0.0456	.	.	.	Not Available
ILLINOIS VALLEY COMMUNITY HOSPITAL	PERU	0	8886	0.3184	.	.	.	Not Available
INGALLS MEMORIAL HOSPITAL	HARVEY	5	57974	3.3441	1.495	0.548	3.314	Similar
IROQUOIS MEMORIAL HOSPITAL	WATSEKA	0	3435	0.1231	.	.	.	Not Available
JACKSON PARK HOSPITAL AND MEDICAL CENTER	CHICAGO	2	33976	1.5303	1.307	0.219	4.318	Similar
JERSEY COMMUNITY HOSPITAL	JERSEYVILLE	0	3379	0.1523	.	.	.	Not Available

Methicillin-resistant Staphylococcus aureus (MRSA) Bloodstream Infections Standardized Infection Ratio (SIR^d)
Reportable Period: January 1, 2013 - December 31, 2013

STATEWIDE

Hospital Name	City	Observed [O] Number of MRSA	Number of Patient Days	Statistically 'Expected' [E] Number of MRSA ^b	Unit-Specific SIR ^c = O/E	95% Confidence Interval ^d		Statistical Interpretation ^f
						Lower ^e	Upper	
JOHN H. STROGER, JR. HOSPITAL OF COOK COUNTY	CHICAGO	13	105806	9.7603	1.332	0.741	2.220	Similar
KATHERINE SHAW BETHEA HOSPITAL	DIXON	0	15406	0.5757	.	.	.	Not Available
KIRBY MEDICAL CENTER	MONTICELLO	0	1830	0.0656	.	.	.	Not Available
LAWRENCE COUNTY MEMORIAL HOSPITAL	LAWRENCEVILLE	0	2712	0.1597	.	.	.	Not Available
LITTLE COMPANY OF MARY HOSPITAL	EVERGREEN PARK	4	61694	3.0433	1.314	0.418	3.170	Similar
LORETTO HOSPITAL	CHICAGO	0	24959	1.4563	0.000	.	2.057	Similar
LOYOLA GOTTLIEB MEMORIAL HOSPITAL	MELROSE PARK	2	52194	2.3234	0.861	0.144	2.844	Similar
LOYOLA UNIVERSITY MEDICAL CENTER	MAYWOOD	18	123915	10.8503	1.659	1.014	2.571	Higher
MARSHALL BROWNING HOSPITAL	DU QUOIN	0	1525	0.1245	.	.	.	Not Available
MASON DISTRICT HOSPITAL	HAVANA	0	690	0.0247	.	.	.	Not Available
MASSAC MEMORIAL HOSPITAL	METROPOLIS	0	3743	0.1341	.	.	.	Not Available
MEMORIAL HOSPITAL - BELLEVILLE	BELLEVILLE	1	68855	3.8903	0.257	0.013	1.268	Similar
MEMORIAL HOSPITAL - CARTHAGE	CARTHAGE	0	3024	0.2452	.	.	.	Not Available
MEMORIAL HOSPITAL - CHESTER	CHESTER	0	2375	0.0851	.	.	.	Not Available
MEMORIAL HOSPITAL OF CARBONDALE	CARBONDALE	0	39700	1.5706	0.000	.	1.907	Similar
MEMORIAL MEDICAL CENTER	SPRINGFIELD	8	119725	17.5410	0.456	0.212	0.866	Lower
MENDOTA COMMUNITY HOSPITAL	MENDOTA	0	3856	0.1970	.	.	.	Not Available
MERCY HARVARD HOSPITAL, INC.	HARVARD	0	1385	0.0496	.	.	.	Not Available
MERCY HOSPITAL AND MEDICAL CENTER	CHICAGO	3	63093	4.5846	0.654	0.166	1.781	Similar
METHODIST HOSPITAL OF CHICAGO	CHICAGO	0	23145	0.8814	.	.	.	Not Available
METROSOUTH MEDICAL CENTER	BLUE ISLAND	2	37287	1.6448	1.216	0.204	4.017	Similar

Methicillin-resistant Staphylococcus aureus (MRSA) Bloodstream Infections Standardized Infection Ratio (SIR^d)
Reportable Period: January 1, 2013 - December 31, 2013

STATEWIDE

Hospital Name	City	Observed [O] Number of MRSA	Number of Patient Days	Statistically 'Expected' [E] Number of MRSA ^b	Unit-Specific SIR ^c = O/E	95% Confidence Interval ^d		Statistical Interpretation ^f
						Lower ^e	Upper	
MIDWEST MEDICAL CENTER	GALENA	0	1401	0.0502	.	.	.	Not Available
MIDWESTERN REGIONAL MEDICAL CENTER	ZION	0	13761	0.4930	.	.	.	Not Available
MORRIS HOSPITAL AND HEALTH CARE CENTERS	MORRIS	0	14677	0.6635	.	.	.	Not Available
MORRISON COMMUNITY HOSPITAL	MORRISON	0	2792	0.1000	.	.	.	Not Available
MOUNT SINAI HOSPITAL	CHICAGO	2	71537	4.2900	0.466	0.078	1.540	Similar
NORTHSHORE UNIV HS EVANSTON HOSPITAL	EVANSTON	2	96031	5.2615	0.380	0.064	1.256	Similar
NORTHSHORE UNIV HS GLENBROOK HOSPITAL	GLENVIEW	2	42439	1.9672	1.017	0.170	3.359	Similar
NORTHSHORE UNIV HS HIGHLAND PARK HOSPITAL	HIGHLAND PARK	0	38975	1.5507	0.000	.	1.932	Similar
NORTHSHORE UNIV HS SKOKIE HOSPITAL	SKOKIE	0	32947	1.8128	0.000	.	1.653	Similar
NORTHWEST COMMUNITY HOSPITAL	ARLINGTON HEIGHTS	4	93871	4.0780	0.981	0.312	2.366	Similar
NORTHWESTERN LAKE FOREST HOSPITAL	LAKE FOREST	0	33350	1.2714	0.000	.	2.356	Similar
NORTHWESTERN MEMORIAL HOSPITAL	CHICAGO	14	263840	15.6726	0.893	0.508	1.463	Similar
NORWEGIAN-AMERICAN HOSPITAL, INC.	CHICAGO	3	44378	2.1488	1.396	0.355	3.800	Similar
OSF HOLY FAMILY MEDICAL CENTER	MONMOUTH	0	1862	0.0667	.	.	.	Not Available
OSF SAINT ANTHONY MEDICAL CENTER	ROCKFORD	4	50093	2.5795	1.551	0.493	3.740	Similar
OSF SAINT FRANCIS MEDICAL CENTER	PEORIA	14	183528	19.0609	0.734	0.418	1.203	Similar
OSF SAINT JAMES-JOHN W ALBRECHT MEDICAL CENTER	PONTIAC	0	5199	0.1863	.	.	.	Not Available
OSF SAINT LUKE MEDICAL CENTER	KEWANEE	0	2267	0.1993	.	.	.	Not Available
OSF ST MARY MEDICAL CENTER	GALESBURG	0	13843	0.6224	.	.	.	Not Available
OSF ST. JOSEPH MEDICAL CENTER	BLOOMINGTON	1	25744	1.1087	0.902	0.045	4.448	Similar

Methicillin-resistant Staphylococcus aureus (MRSA) Bloodstream Infections Standardized Infection Ratio (SIR^d)
Reportable Period: January 1, 2013 - December 31, 2013

STATEWIDE

Hospital Name	City	Observed [O] Number of MRSA	Number of Patient Days	Statistically 'Expected' [E] Number of MRSA ^b	Unit-Specific SIR ^c = O/E	95% Confidence Interval ^d		Statistical Interpretation ^f
						Lower ^e	Upper	
OTTAWA REGIONAL HOSPITAL AND HEALTHCARE CENTER	OTTAWA	0	13408	0.5358	.	.	.	Not Available
PALOS COMMUNITY HOSPITAL	PALOS HEIGHTS	2	81148	3.8477	0.520	0.087	1.717	Similar
PANA COMMUNITY HOSPITAL	PANA	0	965	0.0346	.	.	.	Not Available
PARIS COMMUNITY HOSPITAL	PARIS	0	2170	0.1665	.	.	.	Not Available
PASSAVANT AREA HOSPITAL	JACKSONVILLE	0	15749	0.7368	.	.	.	Not Available
PEKIN MEMORIAL HOSPITAL	PEKIN	0	18461	0.8471	.	.	.	Not Available
PERRY MEMORIAL HOSPITAL	PRINCETON	0	3492	0.1670	.	.	.	Not Available
PINCKNEYVILLE COMMUNITY HOSPITAL	PINCKNEYVILLE	0	1095	0.0392	.	.	.	Not Available
PRESENCE COVENANT MEDICAL CENTER	URBANA	0	31616	2.3300	0.000	.	1.286	Similar
PRESENCE MERCY MEDICAL CENTER	AURORA	1	48662	1.9983	0.500	0.025	2.468	Similar
PRESENCE OUR LADY OF THE RESURRECTION MEDICAL CENTER	CHICAGO	0	47019	2.2794	0.000	.	1.314	Similar
PRESENCE RESURRECTION MEDICAL CENTER	CHICAGO	4	77030	5.3382	0.749	0.238	1.807	Similar
PRESENCE SAINT FRANCIS HOSPITAL	EVANSTON	2	41173	1.7942	1.115	0.187	3.683	Similar
PRESENCE SAINT JOSEPH HOSPITAL - CHICAGO	CHICAGO	3	63096	2.7484	1.092	0.278	2.971	Similar
PRESENCE SAINT JOSEPH HOSPITAL - ELGIN	ELGIN	0	39248	1.6211	0.000	.	1.848	Similar
PRESENCE SAINT JOSEPH MEDICAL CENTER	JOLIET	13	105363	9.9245	1.310	0.729	2.184	Similar
PRESENCE SAINTS MARY AND ELIZABETH MEDICAL CENTER	CHICAGO	1	112718	4.9029	0.204	0.010	1.006	Similar
PRESENCE ST. MARY'S HOSPITAL	KANKAKEE	2	23861	1.3308	1.503	0.252	4.965	Similar
PRESENCE UNITED SAMARITANS MEDICAL CENTER	DANVILLE	0	24671	1.4061	0.000	.	2.131	Similar

Methicillin-resistant Staphylococcus aureus (MRSA) Bloodstream Infections Standardized Infection Ratio (SIR^d)
Reportable Period: January 1, 2013 - December 31, 2013

STATEWIDE

Hospital Name	City	Observed [O] Number of MRSA	Number of Patient Days	Statistically 'Expected' [E] Number of MRSA ^b	Unit-Specific SIR ^c = O/E	95% Confidence Interval ^d		Statistical Interpretation ^f
						Lower ^e	Upper	
PROCTOR COMMUNITY HOSPITAL	PEORIA	1	28525	1.3510	0.740	0.037	3.651	Similar
PROVIDENT HOSPITAL OF COOK COUNTY	CHICAGO	0	5563	0.1993	.	.	.	Not Available
RED BUD REGIONAL HOSPITAL	RED BUD	0	5940	0.2747	.	.	.	Not Available
RICHLAND MEMORIAL HOSPITAL	OLNEY	0	18917	0.8316	.	.	.	Not Available
RIVERSIDE MEDICAL CENTER	KANKAKEE	2	60872	3.5657	0.561	0.094	1.853	Similar
ROCHELLE COMMUNITY HOSPITAL	ROCHELLE	0	2152	0.1317	.	.	.	Not Available
ROCKFORD MEMORIAL HOSPITAL	ROCKFORD	1	67015	3.4018	0.294	0.015	1.450	Similar
RUSH OAK PARK HOSPITAL, INC.	OAK PARK	0	25403	1.4445	0.000	.	2.074	Similar
RUSH UNIVERSITY MEDICAL CENTER	CHICAGO	5	172248	14.2098	0.352	0.129	0.780	Lower
RUSH-COPLEY MEDICAL CENTER	AURORA	0	56458	3.2718	0.000	.	0.916	Lower
SALEM TOWNSHIP HOSPITAL	SALEM	0	2795	0.1001	.	.	.	Not Available
SARAH BUSH LINCOLN HEALTH CENTER	MATTOON	0	24452	1.3813	0.000	.	2.169	Similar
SARAH D. CULBERTSON MEMORIAL HOSPITAL	RUSHVILLE	0	1505	0.0539	.	.	.	Not Available
SHELBY MEMORIAL HOSPITAL	SHELBYVILLE	0	2034	0.0729	.	.	.	Not Available
SHRINERS HOSPITAL FOR CHILDREN - CHICAGO	CHICAGO	0	3341	0.1656	.	.	.	Not Available
SILVER CROSS HOSPITAL AND MEDICAL CENTERS	NEW LENOX	2	79456	3.3022	0.606	0.102	2.001	Similar
SOUTH SHORE HOSPITAL	CHICAGO	4	25537	1.7420	2.296	0.730	5.539	Similar
ST. ALEXIUS MEDICAL CENTER	HOFFMAN ESTATES	0	80128	3.1251	0.000	.	0.959	Lower
ST. ANTHONY HOSPITAL	CHICAGO	3	33268	1.5269	1.965	0.500	5.347	Similar
ST. ANTHONY'S MEMORIAL HOSPITAL	EFFINGHAM	1	24091	1.0824	0.924	0.046	4.556	Similar
ST. BERNARD HOSPITAL	CHICAGO	1	38065	1.9865	0.503	0.025	2.483	Similar

Methicillin-resistant Staphylococcus aureus (MRSA) Bloodstream Infections Standardized Infection Ratio (SIR^d)
Reportable Period: January 1, 2013 - December 31, 2013

STATEWIDE

Hospital Name	City	Observed [O] Number of MRSA	Number of Patient Days	Statistically 'Expected' [E] Number of MRSA ^b	Unit-Specific SIR ^c = O/E	95% Confidence Interval ^d		Statistical Interpretation ^f
						Lower ^e	Upper	
ST. ELIZABETH'S HOSPITAL	BELLEVILLE	0	49489	2.5813	0.000	.	1.161	Similar
ST. FRANCIS HOSPITAL	LITCHFIELD	0	4911	0.1759	.	.	.	Not Available
ST. JOHN'S HOSPITAL	SPRINGFIELD	8	106269	9.8531	0.812	0.377	1.542	Similar
ST. JOSEPH MEMORIAL HOSPITAL	MURPHYSBORO	0	3103	0.1298	.	.	.	Not Available
ST. JOSEPH'S HOSPITAL	HIGHLAND	0	5204	0.4832	.	.	.	Not Available
ST. JOSEPH'S HOSPITAL - BREESE	BREESE	0	3397	0.1217	.	.	.	Not Available
ST. MARGARET'S HOSPITAL	SPRING VALLEY	0	7558	0.2708	.	.	.	Not Available
ST. MARY'S HOSPITAL - CENTRALIA	CENTRALIA	0	21610	0.7742	.	.	.	Not Available
ST. MARY'S HOSPITAL - DECATUR	DECATUR	1	43637	1.9896	0.503	0.025	2.479	Similar
ST. MARY'S HOSPITAL - STREATOR	STREATOR	0	7997	0.3449	.	.	.	Not Available
SWEDISH COVENANT HOSPITAL	CHICAGO	2	81057	4.8521	0.412	0.069	1.362	Similar
SWEDISHAMERICAN HOSPITAL	ROCKFORD	1	69396	2.9674	0.337	0.017	1.662	Similar
TAYLORVILLE MEMORIAL HOSPITAL	TAYLORVILLE	0	5124	0.2276	.	.	.	Not Available
THE UNIVERSITY OF CHICAGO MEDICAL CENTER	CHICAGO	23	163834	17.0651	1.348	0.875	1.990	Similar
THOMAS H. BOYD MEMORIAL HOSPITAL	CARROLLTON	0	1403	0.0503	.	.	.	Not Available
THOREK MEMORIAL HOSPITAL	CHICAGO	0	22144	1.1314	0.000	.	2.648	Similar
TOUCHETTE REGIONAL HOSPITAL	CENTREVILLE	0	10399	0.4956	.	.	.	Not Available
UNION COUNTY HOSPITAL	ANNA	0	3090	0.2043	.	.	.	Not Available
UNITYPOINT HEALTH - METHODIST	PEORIA	0	76730	3.3342	0.000	.	0.898	Lower
UNITYPOINT HEALTH - TRINITY - ROCK ISLAND	ROCK ISLAND	1	79098	3.2763	0.305	0.015	1.505	Similar
UNIVERSITY OF ILLINOIS HOSPITAL AT CHICAGO	CHICAGO	9	118405	11.5005	0.783	0.382	1.436	Similar

Methicillin-resistant Staphylococcus aureus (MRSA) Bloodstream Infections Standardized Infection Ratio (SIR^a)
Reportable Period: January 1, 2013 - December 31, 2013

STATEWIDE

Hospital Name	City	Observed [O] Number of MRSA	Number of Patient Days	Statistically 'Expected' [E] Number of MRSA ^b	Unit-Specific SIR ^c = O/E	95% Confidence Interval ^d		Statistical Interpretation ^f
						Lower ^e	Upper	
VALLEY WEST COMMUNITY HOSPITAL	SANDWICH	0	3837	0.1375	.	.	.	Not Available
VANGUARD MACNEAL HOSPITAL	BERWYN	8	79765	4.3866	1.824	0.847	3.463	Similar
VANGUARD WEISS MEMORIAL HOSPITAL	CHICAGO	4	31096	2.0443	1.957	0.622	4.720	Similar
VANGUARD WEST SUBURBAN MEDICAL CENTER	OAK PARK	1	34004	4.4921	0.223	0.011	1.098	Similar
VANGUARD WESTLAKE HOSPITAL	MELROSE PARK	0	24668	1.6476	0.000	.	1.818	Similar
VISTA MEDICAL CENTER EAST	WAUKEGAN	6	45240	2.4896	2.410	0.977	5.013	Similar
VISTA MEDICAL CENTER WEST	WAUKEGAN	0	13159	0.4715	.	.	.	Not Available
WABASH GENERAL HOSPITAL	MT. CARMEL	0	2545	0.0912	.	.	.	Not Available
WASHINGTON COUNTY HOSPITAL	NASHVILLE	0	473	0.0169	.	.	.	Not Available

^a The Standardized Infection Ratio (SIR) is a summary measure used to compare the actual number of MDRO events reported with the standard population. It is the observed number of infections divided by the predicted number of infections.

^b Please note that the expected number of infections does not mean that you expect to get an infection when you are hospitalized.

^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.

^d The 95% 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.

If the number of observed infections is less than 0 and the number predicted is greater than or equal to 1.00, a 95% confidence interval is reported

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

^f 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 1.00 and the 95% confidence interval does not include 1.00, the hospital's infection rate is significantly 'Higher' than predicted.
- If the SIR is less than 1.00 and the 95% confidence interval does not include 1.00, the hospital's infection rate is significantly 'Lower' than predicted.
- 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 and statistical interpretation is "Not Available".

NOTE: All conclusions are based on the assumption that the hospital's patient population is similar to the referent population (NHSN 2010-2011 pooled patient population)