Central Line-Associated Bloodstream Infections (CLABSI), 2012

HOSPITAL NAME	Observed # of CLABSI (O)	Number of Central Line Days	Expected # of CLABSI (E)[a]	CLABSI SIR[b]	p-value	95 % Confidence Interval	National Comparison ‡
AtlantiCare Regional Medical Center-City Campus	8	3734	10.1427	0.789	0.5246	(0.366, 1.498)	S
AtlantiCare Regional Medical Center-Mainland Campus	13	5313	9.0085	1.443	0.1991	(0.803, 2.406)	S
Bayonne Medical Center	1	938	1.407	0.711	0.8343	(0.036, 3.505)	S
Bayshore Community Hospital	2	2002	3.003	0.666	0.6212	(0.112, 2.200)	S
Bergen Regional Medical Center	2	406	0.7714	---	---	---	---
Cape Regional Medical Center	1	1239	1.8585	0.538	0.6016	(0.027, 2.654)	S
Capital Health Medical Center - Hopewell	6	2617	4.0151	1.494	0.3295	(0.606, 3.108)	S
Capital Health Regional Medical Center (RMC)	7	5430	11.0909	0.631	0.2124	(0.276, 1.248)	S
Centrastate Medical Center	2	1212	2.3028	0.869	0.9255	(0.146, 2.869)	S
Chilton Memorial Hospital	5	2163	3.2445	1.541	0.3379	(0.565, 3.416)	S
Christ Hospital	3	1307	1.9605	1.53	0.4485	(0.389, 4.165)	S
Clara Maass Medical Center	15	5807	11.6697	1.285	0.3316	(0.747, 2.072)	S
Community Medical Center	8	3661	7.6092	1.051	0.8444	(0.488, 1.996)	S
Cooper Hospital/University Medical Center	11	13244	33.8287	0.325	0	(0.171, 0.565)	L
Deborah Heart and Lung Center	2	2434	5.1374	0.389	0.1496	(0.065, 1.286)	S
East Orange General Hospital	1	2964	4.446	0.225	0.0756	(0.011, 1.109)	S
Englewood Hospital and Medical Center	1	2713	4.9988	0.2	0.0472	(0.010, 0.987)	L
Hackensack University Medical Center	22	11309	25.0421	0.879	0.5593	(0.565, 1.308)	S
Hackettstown Regional Medical Center	0	615	0.9225	---	---	---	---
Hoboken University Medical Center	1	814	1.221	0.819	0.95	(0.041, 4.039)	S
Holy Name Medical Center	3	2427	3.6405	0.824	0.8023	(0.210, 2.243)	S
Hunterdon Medical Center	0	1841	3.8661	0	0.0209	(---,0.775)	L
Jersey City Medical Center	5	5597	12.3088	0.406	0.0229	(0.149, 0.900)	L
Jersey Shore University Medical Center	12	10707	22.5815	0.531	0.0169	(0.288, 0.903)	L
JFK Medical Center/Anthony M Yelensics	10	6497	11.4755	0.871	0.6957	(0.443, 1.553)	S
Kennedy University Hospital	1	3168	7.653	0.131	0.0046	(0.007, 0.644)	L
Kennedy University Hospital/UMC-Cherry Hill	3	1335	3.0125	0.996	1	(0.253, 2.710)	S
Kennedy University Hospital/UMC-Stratford	0	730	1.533	0	0.2159	(---,1.954)	S
Kimball Medical Center	1	1420	2.13	0.469	0.4908	(0.023, 2.315)	S

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Lourdes Medical Center Burlington County	1	1473	2.2095	0.453	0.462	(0.023, 2.232)	S
Meadowlands Hospital Medical Center	2	1100	1.65	1.212	0.7207	(0.203, 4.005)	S
Memorial Hospital of Salem County	2	431	0.6465	---	---	---	---
Monmouth Medical Center	8	2713	6.3842	1.253	0.5052	(0.582, 2.380)	S
Morristown Medical Center	10	9287	21.5589	0.464	0.0065	(0.236, 0.827)	L
Mountainside	10	2667	6.6682	1.5	0.2142	(0.762, 2.673)	S
Newark Beth Israel Medical Center	33	16444	35.1865	0.938	0.7316	(0.656, 1.302)	S
Newton Medical Center	0	795	1.1925	0	0.3035	(---, 2.512)	S
Ocean Medical Center	2	2717	4.0755	0.491	0.3134	(0.082, 1.621)	S
Our Lady of Lourdes Medical Center	5	7438	11.9795	0.417	0.0283	(0.153, 0.925)	L
Overlook Medical Center	11	7437	16.4189	0.67	0.1717	(0.352, 1.164)	S
Palisades Medical Center of New York (PHS)	1	1619	2.851	0.351	0.2803	(0.018, 1.730)	S
Raritan Bay Medical Center-Old Bridge	0	1726	2.589	0	0.0751	(---, 1.157)	S
Raritan Bay Medical Center-Perth Amboy	3	2813	5.7957	0.518	0.2421	(0.132, 1.409)	S
Riverview Medical Center	2	2055	3.0825	0.649	0.5921	(0.109, 2.144)	S
Robert Wood Johnson University Hospital	18	13484	34.4046	0.523	0.0024	(0.320, 0.811)	L
Robert Wood Johnson University Hospital at Hamilton	4	2896	4.344	0.921	0.9312	(0.293, 2.221)	S
Robert Wood Johnson University Hospital at Rahway	2	2020	4.4466	0.45	0.2435	(0.075, 1.486)	S
Saint Barnabas Medical Center	9	10674	28.5701	0.315	0	(0.154, 0.578)	L
Shore Medical Center	6	2086	3.129	1.918	0.1379	(0.777, 3.988)	S
Somerset Medical Center	2	2249	4.3786	0.457	0.2552	(0.077, 1.509)	S
South Jersey Healthcare Regional Medical Center	3	2280	4.5303	0.662	0.5074	(0.168, 1.802)	S
South Jersey Healthcare-Elmer	0	367	0.6973	---	---	---	---
Southern Ocean Medical Center	1	939	1.7841	0.561	0.6355	(0.028, 2.764)	S
St. Clare's Hospital-Denville	1	1190	1.7873	0.56	0.634	(0.028, 2.759)	S
St. Clare's Hospital-Dover	1	726	1.089	0.918	1	(0.046, 4.529)	S
St. Clare's Hospital-Sussex	0	17	0.0255	---	---	---	---
St. Francis Medical Center	1	1995	3.0164	0.332	0.2457	(0.017, 1.635)	S
St. Joseph's Regional Medical Center	22	10299	27.6738	0.795	0.2799	(0.511, 1.184)	S

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St. Joseph's Wayne Hospital	4	2798	5.8758	0.681	0.4647	(0.216, 1.642)	S
St. Luke's Warren Hospital	0	978	1.467	0	0.2306	(---,2.042)	S
St. Mary's Hospital	10	3208	4.812	2.078	0.0361	(1.056, 3.704)	H
St. Michael's Medical Center	9	5077	8.9621	1.004	0.9469	(0.490, 1.843)	S
St. Peter's University Hospital	6	4350	9.9992	0.6	0.1973	(0.243, 1.248)	S
Trinitas Regional Medical Center	7	3753	5.6295	1.243	0.5412	(0.544, 2.460)	S
UMDNJ - University Hospital	26	6804	17.5572	1.481	0.0567	(0.988, 2.139)	S
Underwood Memorial Hospital	2	2420	3.63	0.551	0.4202	(0.092, 1.820)	S
University Medical Center of Princeton	1	1477	2.251	0.444	0.4476	(0.022, 2.191)	S
Valley Hospital	9	7262	12.0692	0.746	0.3869	(0.364, 1.368)	S
Virtua Marlton	1	2347	3.5205	0.284	0.1633	(0.014, 1.401)	S
Virtua-Memorial Hospital of Burlington County	0	2978	4.467	0	0.0115	(---,0.671)	L
Virtua-West Jersey Health System-Berlin	0	647	0.9705	---	---	---	---
Virtua-West Jersey Health System-Voorhees	4	4049	7.6171	0.525	0.1785	(0.167, 1.267)	S
ICU	**340**	**234037**	**465.8286**	**0.73**	**---**	**(0.655, 0.811)**	**L**
NICU	**45**	**29692**	**77.0457**	**0.584**	**0.0001**	**(0.431, 0.775)**	**L**
STATEWIDE	**385**	**263729**	**542.8743**	**0.709**	**---**	**(0.641, 0.783)**	**L**

Source: New Jersey Healthcare-Associated Infections for 2012 submitted through the National Healthcare Safety Network (NHSN).

[a]   Expected (E)= # of infections predicted using risk-adjusted model fitted from the NHSN data from 2006-2008 for CLABSI data.
   Important to note that if Expected is <1, the SIR is not calculated as the result is not precise.

[b]   Standardized Infection Ratio (SIR)= Observed (O)/ Expected (E)

‡   Each hospital is compared to the National Ratio=1 which is derived using the CDC's NHSN data from 2006-2008 for CLABSI (AJIC, December 2009).

L   indicates hospital infections are LOWER than infections seen nationally.

H   indicates hospital infections are HIGHER than infections seen nationally.

S   indicates hospital infections are SIMILAR to infections seen nationally.

–   SIR is not calculated because the Expected is < 1.