2010 Central Line-Associated Bloodstream Infections

HOSPITAL NAME	Observed # of CLABSI (O)	Expected # of CLABSI (E)[a]	CLABSI SIR[b]	95 % Confidence Interval	National Comparison‡
AtlantiCare Regional Medical Center - City	9	8.362	1.076	(0.492, 2.043)	S
AtlantiCare Regional Medical Center - Mainland	7	9.004	0.777	(0.313, 1.602)	S
Bayonne Medical Center	2	2.249	0.889	(0.108, 3.212)	S
Bayshore Community Hospital	3	2.958	1.014	(0.209, 2.964)	S
Bergen Regional Medical Center	4	1.389	2.88	(0.785, 7.373)	S
Cape Regional Medical Center	3	2.334	1.285	(0.265, 3.756)	S
Capital Health System at Fuld	9	9.625	0.935	(0.428, 1.775)	S
Capital Health System at Mercer	11	5.011	2.195	(1.096, 3.928)	H
CentraState Medical Center	2	2.822	0.709	(0.086, 2.560)	S
Chilton Memorial Hospital	1	2.76	0.362	(0.009, 2.019)	S
Christ Hospital	3	2.171	1.382	(0.285, 4.038)	S
Clara Maass Medical Center	4	12.993	0.308	(0.084, 0.788)	L
Community Medical Center	5	3.266	1.531	(0.497, 3.573)	S
Cooper Hospital/University Medical Center	28	30.693	0.912	(0.606, 1.319)	S
Deborah Heart and Lung Center	3	6.882	0.436	(0.090, 1.274)	S
East Orange General Hospital	2	3.968	0.504	(0.061, 1.821)	S
Englewood Hospital and Medical Center	1	5.1	0.196	(0.005, 1.092)	S
Hackensack University Medical Center	33	25.066	1.317	(0.906, 1.849)	S
Hackettstown Regional Medical Center	1	0.741	–	–	–
Hoboken University Medical Center	0	1.445	0	(---, 2.553)	S
Holy Name Hospital	3	3.626	0.827	(0.171, 2.418)	S
Hunterdon Medical Center	2	3.988	0.502	(0.061, 1.812)	S
Jersey City Medical Center	5	13.954	0.358	(0.116, 0.836)	L
Jersey Shore University Medical Center	11	21.803	0.505	(0.252, 0.903)	L
JFK Medical Center/Anthony M Yelensics	14	15.75	0.889	(0.486, 1.491)	S
Kennedy University Hospital	4	6.979	0.573	(0.156, 1.467)	S
Kennedy Memorial Hospitals/UMC-Stratford	1	2.801	0.357	(0.009, 1.989)	S
Kennedy University Hospital/UMC-Cherry Hill	0	3.169	0	(---, 1.164)	S
Kimball Medical Center	7	2.649	2.643	(1.062, 5.445)	H
Lourdes Medical Center of Burlington Cty.	0	1.7	0	(---, 2.170)	S
Meadowlands Hospital Medical Center	1	1.029	0.972	(0.025, 5.415)	S
Memorial Hospital of Salem County	2	0.659	–	–	–

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Monmouth Medical Center	6	6.588	0.911	(0.334, 1.982)	S
Morristown Memorial Hospital	5	17.211	0.291	(0.094, 0.678)	L
Mountainside Hospital	4	7.291	0.549	(0.149, 1.405)	S
Newark Beth Israel Medical Center	33	34.555	0.955	(0.657, 1.341)	S
Newton Memorial Hospital	1	1.643	0.609	(0.015, 3.391)	S
Ocean Medical Center	5	3.692	1.354	(0.440, 3.160)	S
Our Lady of Lourdes Medical Center	8	14.826	0.54	(0.233, 1.063)	S
Overlook Hospital	2	11.953	0.167	(0.020, 0.604)	L
Palisades Medical Center of New York	3	1.257	2.387	(0.492, 6.975)	S
Raritan Bay Medical Center - Old Bridge	0	2.217	0	(---, 1.664)	S
Raritan Bay Medical Center - Perth Amboy	2	6.027	0.332	(0.040, 1.199)	S
Riverview Medical Center	5	2.603	1.921	(0.624, 4.483)	S
Robert Wood Johnson University Hospital	24	35.53	0.675	(0.433, 1.005)	S
Robert Wood Johnson University Hospital at Hamilton	7	4.878	1.435	(0.577, 2.957)	S
Robert Wood Johnson University Hospital at Rahway	2	4.273	0.468	(0.057, 1.691)	S
Saint Barnabas Medical Center	9	29.894	0.301	(0.138, 0.572)	L
Saint Clare's Hospital - Denville	2	1.332	1.502	(0.182, 5.424)	S
Saint Clare's Hospital - Dover	1	0.716	–	–	–
Saint Clare's Hospital - Sussex	0	0.119	–	–	–
Saint Michael's Medical Center	11	13.332	0.825	(0.412, 1.476)	S
Saint Peter's University Hospital	8	15.42	0.519	(0.224, 1.022)	S
Shore Memorial	5	3.345	1.495	(0.485, 3.488)	S
Somerset Medical Center	5	4.828	1.036	(0.336, 2.417)	S
South Jersey Healthcare - Elmer	2	0.762	–	–	–
South Jersey Healthcare Regional Medical Center	0	3.779	0	(---, 0.976)	L
Southern Ocean County Hospital	0	1.691	0	(---, 2.181)	S
St. Francis Medical Center	0	4.986	0	(---, 0.740)	L
St. Joseph's Regional Medical Center	24	23.515	1.021	(0.654, 1.519)	S
St. Joseph's Wayne Hospital	16	5.006	3.196	(1.826, 5.191)	H
St. Mary's Hospital	10	5.535	1.807	(0.866, 3.323)	S
Trinitas Regional Medical Center	3	5.406	0.555	(0.114, 1.622)	S
UMDNJ - University Hospital	19	18.931	1.004	(0.604, 1.567)	S

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Underwood Memorial Hospital	1	3.432	0.291	(0.007, 1.623)	S
University Medical Center at Princeton	4	1.538	2.601	(0.709, 6.659)	S
Valley Hospital	9	12.295	0.732	(0.335, 1.390)	S
Virtua Marlton	0	4.043	0	(---, 0.912)	L
Virtua-Mem. Hospital of Burlington County	5	4.955	1.009	(0.328, 2.355)	S
Virtua-West Jersey Health System - Berlin	0	1.428	0	(---, 2.583)	S
Virtua-West Jersey Health System - Voorhees	12	8.09	1.483	(0.766, 2.591)	S
Warren Hospital	2	1.443	1.386	(0.168, 5.007)	S
Statewide	**436**	**547.304**	**0.797**	**(0.724, 0.875)**	**L**

Source: New Jersey Healthcare-Associated Infections for 2010 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.