2009 Coronary Artery Bypass Graft Surgical Site Infections

Hospital Name	Observed # of CABG Infections (O)	Expected # of CABG Infections (E)a	SIR[b]	95 % Confidence Interval	National Comparison‡
AtlantiCare Regional Medical Center - Mainland	2	2.93	0.68	(0.083, 2.467)	S
Cooper Hospital/University Medical Center	4	3.84	1.04	(0.284, 2.668)	S
Deborah Heart and Lung Center	1	3.18	0.32	(0.008, 1.753)	S
Englewood Hospital and Medical Center	1	1.78	0.56	(0.014, 3.123)	S
Hackensack University Medical Center	6	8.11	0.74	(0.271, 1.610)	S
Jersey City Medical Center	0	1.45	0	(---, 2.542)	S
Jersey Shore University Medical Center	10	7.96	1.26	(0.603, 2.311)	S
Morristown Memorial Hospital	7	8.50	0.82	(0.331, 1.696)	S
Newark Beth Israel Medical Center	2	2.34	0.85	(0.103, 3.085)	S
Our Lady of Lourdes Medical Center	4	4.33	0.92	(0.252, 2.366)	S
Robert Wood Johnson University Hospital	8	7.19	1.11	(0.481, 2.193)	S
Saint Barnabas Medical Center	0	4.93	0	(---, 0.748)	L
Saint Michael's Medical Center	4	5.04	0.79	(0.216, 2.033)	S
St. Francis Medical Center	0	1.44	0	(---, 2.564)	S
St. Joseph's Regional Medical Center	4	2.91	1.38	(0.375, 3.519)	S
St. Mary's Hospital	1	0.89	–	–	–
UMDNJ - University Hospital	0	0.67	–	–	–
Valley Hospital	2	2.78	0.72	(0.087, 2.603)	S
Statewide	**56**	**70.26**	**0.80**	**(0.599, 1.040)**	**S**

Source: New Jersey Healthcare-Associated Infections for 2009 submitted through the National Healthcare Safety Network (NHSN).

[a] Expected (E)= # of infections predicted using the model fitted from the NHSN data from 2006-2008.
This data set will serve as the baseline/benchmark for future reports.
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. The National Ratio is derived using the CDC's NHSN data from 2006-2008 (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.

CABG: includes procedures with either chest only or chest and donor site incisions.