

Coronary Artery Bypass Graft (CABG) Surgical Site Infections, 2023

Hospital Name	Number of Procedures	Observed # of CABG Infections (O)	Expected # of CABG Infections (E) ^a	SIR ^b	Confidence Interval	National Comparison [‡]
AtlantiCare Regional Medical Center-Mainland	128	0	0.842	---	---	---
Capital Health Regional Medical Center	68	0	0.649	---	---	---
Cooper Hospital University Medical Center	508	3	3.875	0.774	(0.197, 2.107)	S
Cooperman Barnabas Medical Center	243	0	1.951	0	(---, 1.536)	S
Deborah Heart and Lung Center	124	1	1.081	0.925	(0.046, 4.564)	S
Englewood Hospital and Medical Center	225	5	2.564	1.95	(0.714, 4.322)	S
Hackensack University Medical Center	430	1	3.932	0.254	(0.013, 1.254)	S
Jersey City Medical Center	112	1	0.691		---	---
Jersey Shore University Medical Center	486	1	3.953	0.253	(0.013, 1.248)	S
Morristown Medical Center	706	5	4.244	1.178	(0.432, 2.611)	S
Newark Beth Israel Medical Center	120	1	1.209	0.827	(0.041, 4.079)	S
Robert Wood Johnson University Hospital	631	3	4.916	0.61	(0.155, 1.661)	S
Saint Michael's Medical Center	30	0	0.265	---	---	---
St. Joseph's University Medical Center	87	0	0.975	---	---	---
St. Mary's General Hospital	59	0	0.396	---	---	---
University Hospital	7	1	0.066	---	---	---
Valley Hospital	108	0	0.92	---	---	---
Virtua Our Lady of Lourdes Hospital-Camden	226	1	1.562	0.64	(0.032, 3.157)	S
Statewide	4298	23	34.091	0.675	(0.438, 0.996)	L

Source: New Jersey Healthcare-Associated Infections for 2023 submitted through the National Healthcare Safety Network (NHSN).

a Expected (E)= # of infections predicted using the 2015 Baseline and risk-adjusted models.

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 the 2015 baseline.

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

