

Coronary Artery Bypass Graft (CABG) Surgical Site Infections, 2024

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	130	0	0.945	---	---	---
Capital Health Regional Medical Center	89	2	0.783	---	---	---
Cooper Hospital University Medical Center	495	3	2.807	1.069	(0.272, 2.909)	S
Cooperman Barnabas Medical Center	301	1	2.557	0.391	(0.020, 1.929)	S
Deborah Heart and Lung Center	133	2	1.088	1.838	(0.308, 6.072)	S
Englewood Hospital and Medical Center	197	0	1.623	0.000	(---, 1.846)	S
Hackensack University Medical Center	411	0	3.626	0.000	(---, 0.826)	L
Jersey City Medical Center	105	1	0.798		---	---
Jersey Shore University Medical Center	535	4	4.397	0.910	(0.289, 2.194)	S
Morristown Medical Center	759	3	4.475	0.670	(0.171, 1.824)	S
Newark Beth Israel Medical Center	100	1	1.086	0.921	(0.046, 4.540)	S
Robert Wood Johnson University Hospital	677	2	5.393	0.371	(0.062, 1.225)	S
Saint Michael's Medical Center	47	0	0.312		---	---
St. Joseph's University Medical Center	77	0	1.024	0.000	(---, 2.927)	S
St. Mary's General Hospital	41	0	0.290		---	---
University Hospital	23	0	0.167		---	---
Valley Hospital	125	1	1.047	0.956	(0.048, 4.713)	S
Virtua Our Lady of Lourdes Hospital-Camden	251	2	1.925	1.039	(0.174, 3.433)	S
Statewide	4,496	22	34.342	0.641	(0.412, 0.954)	L

Source: New Jersey Healthcare-Associated Infections for 2024 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

