

Coronary Artery Bypass Graft (CABG) Surgical Site Infections, 2017

| HOSPITAL NAME | Number of Procedures | Observed # of CABG Infections (O) | Expected # of CABG Infections (E) ^a | SIR ^b | National Comparison [‡] |
|---|----------------------|-----------------------------------|--|------------------|----------------------------------|
| AtlantiCare Regional Medical Center-Mainland Campus | 189 | 4 | 1.326 | 3.017 | S |
| Cooper Hospital University | 222 | 0 | 1.302 | 0 | S |
| Deborah Heart and Lung Center | 283 | 4 | 1.815 | 2.203 | S |
| Englewood Hospital and Medical Center | 253 | 9 | 2.626 | 3.427 | H |
| Hackensack University Medical Center | 360 | 4 | 2.537 | 1.577 | S |
| Jersey City Medical Center | 152 | 1 | 1.053 | 0.95 | S |
| Jersey Shore University Medical Center | 535 | 4 | 4.024 | 0.994 | S |
| Morristown Medical Center | 744 | 5 | 3.919 | 1.276 | S |
| Newark Beth Israel Medical Center | 216 | 7 | 2.835 | 2.469 | H |
| Our Lady of Lourdes Medical Center | 468 | 4 | 2.994 | 1.336 | S |
| Robert Wood Johnson University Hospital | 593 | 4 | 4.138 | 0.967 | S |
| Saint Michael's Medical Center | 96 | 0 | 0.777 | --- | --- |
| St. Barnabas Medical Center | 262 | 0 | 2.025 | 0 | S |
| St. Francis Medical Center | 112 | 0 | 0.639 | --- | --- |
| St. Joseph's University Medical Center | 215 | 1 | 1.158 | 0.864 | S |
| St. Mary's General Hospital | 54 | 0 | 0.418 | --- | --- |
| The Valley Hospital | 196 | 2 | 1.274 | 1.57 | S |
| University Hospital | 12 | 0 | 0.128 | --- | --- |
| Statewide | 4962 | 49 | 34.989 | 1.4 | H |

Source: New Jersey Healthcare-Associated Infections for 2017 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.