

## Coronary Artery Bypass Graft (CABG) Surgical Site Infections 2015

| HOSPITAL NAME                                       | Number of Procedures | Observed # of CABG Infections (O) | Expected # of CABG Infections (E) <sup>a</sup> | SIR <sup>b</sup> | National Comparison <sup>‡</sup> |
|---|----------------------|-----------------------------------|--|------------------|----------------------------------|
| AtlantiCare Regional Medical Center-Mainland Campus | 167                  | 5                                 | 2.415  | 2.07             | S                                |
| Cooper Hospital University                          | 225                  | 1                                 | 2.344  | 0.427            | S                                |
| Deborah Heart and Lung Center                       | 235                  | 1                                 | 3.4  | 0.294            | S                                |
| Englewood Hospital and Medical Center               | 200                  | 3                                 | 2.619  | 1.145            | S                                |
| Hackensack University Medical Center                | 293                  | 2                                 | 4.803  | 0.416            | S                                |
| Jersey City Medical Center                          | 152                  | 1                                 | 1.758  | 0.569            | S                                |
| Jersey Shore University Medical Center              | 503                  | 8                                 | 6.534  | 1.224            | S                                |
| Morristown Medical Center                           | 780                  | 4                                 | 8.21   | 0.487            | S                                |
| Newark Beth Israel Medical Center                   | 229                  | 8                                 | 3.662  | 2.185            | H                                |
| Our Lady of Lourdes Medical Center                  | 536                  | 5                                 | 5.36   | 0.933            | S                                |
| Robert Wood Johnson University Hospital             | 521                  | 2                                 | 6.485  | 0.308            | S                                |
| Saint Barnabas Medical Center                       | 220                  | 4                                 | 2.491  | 1.606            | S                                |
| Saint Michael's Medical Center                      | 107                  | 0                                 | 1.374  | 0                | S                                |
| St. Francis Medical Center                          | 172                  | 1                                 | 2.868  | 0.349            | S                                |
| St. Joseph's Regional Medical Center                | 235                  | 0                                 | 2.789  | 0                | S                                |
| St. Mary's Hospital                                 | 51                   | 1                                 | 0.636  | ---              | ---                              |
| The Valley Hospital                                 | 197                  | 2                                 | 2.017  | 0.991            | S                                |
| University Hospital                                 | 26                   | 3                                 | 0.333  | ---              | ---                              |
| <b>Statewide</b>                                    | <b>4849</b>          | <b>51</b>                         | <b>60.097</b>                                  | <b>0.849</b>     | <b>S</b>                         |

**Source: New Jersey Healthcare-Associated Infections for 2015 submitted through the National Healthcare Safety Network (NHSN).**

<sup>a</sup> 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.**

<sup>b</sup> Standardized Infection Ratio (SIR)= Observed (O)/ Expected (E)

<sup>‡</sup> 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.

