

Patient Safety Indicators

Technical Report

A Supplement to the Hospital Performance Report

2017 Data

Health Care Quality Assessment

**Office of Population Health
New Jersey Department of Health**

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Executive Summary

The Office of Health Care Quality Assessment (HCQA) of the New Jersey Department of Health assesses health care quality using qualitative and quantitative data reported by hospitals to support performance monitoring related to patient care and safety. Specifically, HCQA produces consumer reports on cardiac surgery, hospital performance, and hospital quality indicators; reviews confidential reports and root-cause analyses of reportable medical errors; and maintains several databases to support licensure requirements. In order to enhance information that the Department provides to the public regarding hospital care, HCQA staff apply statistical tools developed by the Federal Agency for Healthcare Research and Quality (AHRQ) to the New Jersey hospital discharge data commonly known as Uniform Billing (UB) data. This report presents findings resulting from the application of a statistical tool known as the Patient Safety Indicator (PSI) module to the 2017 New Jersey hospital discharge data. The PSI module currently in use contains 18 indicators that reflect the quality of care provided by hospitals. However, it should be noted that these indicators are meant to serve as flags for potential quality problems (adverse events) rather than provide definitive measures of quality of care. According to the AHRQ, the 18 indicators are selected based on their ability to screen out conditions present on admission from conditions that develop after admission, the potential preventability of the complication, and the ability of the indicator to identify medical error.

This report is a supplement to the Hospital Performance Report and covers only the 12 PSIs mandated for public reporting by law. **In 2009, legislation (S2471) was signed into law requiring that hospital-specific data on patient-safety performance and serious medical errors be included in the annual New Jersey Hospital Performance Report.** The data in this report present adverse events during hospitalization in each of the 71 licensed hospitals currently operating in the state. For the seven PSIs, risk-adjusted rates are provided along with confidence intervals to help make a statistical assessment of patient safety in the hospital. Statewide and national estimates are also provided to help compare hospital performance to the state or to the national rates.

Comparison of a hospital's rate to the statewide rate (presented in the top row of each of the PSI tables (Tables 1-11) is one way to assess how well that hospital performed among its peers in the state. A hospital's peers could be defined at many levels (e.g., teaching hospitals, urban hospitals, suburban hospitals, etc.). It is suggested that a hospital's performance be assessed by looking at its performance across the several PSI estimates presented in the tables. By the way, one of the 12 PSIs selected for inclusion in the Hospital Performance Report (i.e., Transfusion Reaction) is not included in the Report. AHRQ has declared that it can no longer consider 'transfusion reaction' a quality indicator; and has excluded it in the latest Version of its PSIs Module.

The 2017 New Jersey data shows that there are substantial variations in risk-adjusted rates of adverse events by hospital. Some hospitals exhibit significantly higher risk-

adjusted rates (risk-adjusted adverse event rates) than the corresponding statewide rates while others have significantly lower rates than the statewide rates.

Some Highlights

- Statewide, in 2017, there were a total of 16 cases of '*Retained surgical item or unretrieved device fragment*' -formerly called '*foreign body left during procedure*'. These 16 events were reported by 13 hospitals. Table 1 shows the distribution of these adverse events by hospital.
- Overall, there were 113 cases of '*Iatrogenic pneumothorax*' in 2017, for a risk-adjusted rate of 0.16 per 1,000 medical and surgical discharges. Hospital-specific rates for this indicator ranged from a low of 0.0 to a high of 0.76 per 1,000 medical and surgical discharges.
- Statewide, there were 35 '*In hospital fall with hip fracture*' cases in 2017, for a risk-adjusted rate of 0.06 per 1,000 surgical discharges. Hospital-specific rates for this indicator ranged from a low of 0.0 to a high of 0.58 per 1,000 surgical discharges
- Statewide, there were 348 '*Perioperative hemorrhage or hematoma*' cases in 2017, for a risk-adjusted rate of 2.12 per 1,000 surgical discharges. Hospital-specific rates for this indicator ranged from a low of 0.0 to a high of 5.27 per 1,000 surgical discharges.
- Statewide, there were 698 cases of '*Perioperative pulmonary embolism (PE) or deep vein thrombosis (DVT)*' in 2017, for a risk-adjusted rate of 4.05 per 1,000 surgical discharges. Hospital-specific rates for this indicator ranged from a low of 0.0 to a high of 10.83 per 1,000 surgical discharges (see Table 5).
- Statewide, there were 296 '*Postoperative sepsis*' cases reported in 2017 for a risk-adjusted rate of 3.73 per 1,000 elective surgery discharges. Seven hospitals had risk-adjusted rates that were statistically significantly higher than the statewide rate (see Table 6). Note that higher rate implies worse performance.
- Statewide, there were 27 '*Postoperative wound dehiscence*' cases reported in 2017 for a risk-adjusted rate of 0.58 per 1,000 abdominopelvic surgical discharges.
- There were 99 cases of '*Unrecognized Abdominopelvic Accidental Puncture/Laceration*' (formerly called '*Accidental punctures or lacerations*') cases reported by all 71 hospitals in 2017. The statewide risk-adjusted rate for occurrence of '*unrecognized abdominopelvic accidental puncture/laceration*' during procedure for the year was 0.90 per 1,000 discharges. Hospital-specific rates for this indicator ranged from a low of 0.0 to a high of 5.38 per 1,000 discharges.
- There were 206 cases of '*Birth trauma - injury to neonate*' reported statewide in

2017 for a rate of 2.19 per 1,000 live births. Similarly, there were 429 cases of obstetric trauma among instrument-assisted vaginal deliveries (for a rate of 109.38 per 1,000 deliveries) and 843 cases of obstetric trauma among vaginal deliveries without instrument (for a rate of 14.62 per 1,000).

- Compared to the national PSIs estimates (see Table 12), New Jersey statewide rates are less (i.e., better) for all except one indicator (i.e., PE or DVT).

References:

- Updated Technical Specifications for each of the 11 PSIs presented in the following 11 Tables can be accessed on the AHRQ site below:
https://www.qualityindicators.ahrq.gov/Modules/PSI_TechSpec_ICD10_v2019.aspx
- <https://web.doh.state.nj.us/apps2/hpr/usingpsi.aspx>

Table 1. Retained Surgical Item or Unretrieved Device Fragment (formerly Foreign body left during procedure)

Hospital	# of cases
Statewide	16
Atlantic City Medical Center-City Campus	1
Atlantic City Medical Center-Mainland Campus	.
Bayshore Medical Center	.
Bergen Regional Medical Center	.
Cape Regional Medical Center Inc	.
Capital Health Medical Center - Hopewell	.
Capital Health Regional Medical Center - Fuld	.
Carepoint Health - Bayonne Medical Center	.
Carepoint Health - Christ Hospital	.
Carepoint Health - Hoboken University Medical Center	.
CentraState Medical Center	1
Chilton Memorial Center	.
Clara Maass Medical Center	.
Community Medical Center	1
Cooper Hospital/University Medical Center	1
Deborah Heart and Lung Center	.
East Orange General Hospital	.
Englewood Hospital and Medical Center	.
Hackensack Meridian Health Pascack Valley MC	.
Hackensack University Medical Center	1
HackensackUMC - Mountainside	.
Hackettstown Medical Center	.
Holy Name Medical Center	.
Hudson Regional Hospital	.
Hunterdon Medical Center	.
Inspira Medical Center - Elmer	.
Inspira Medical Center - Woodbury	.
Inspira Medical Centers, Inc	2
Jefferson Cherry Hill Hospital	.
Jefferson Stratford Hospital	.
Jefferson Washington Township Hospital	.
Jersey City Medical Center	.
Jersey Shore University Medical Center	.
JFK Medical CTR - Anthony M. Yelencis Community	.
Lourdes Medical Center of Burlington Cty.	.
Monmouth Medical Center	.
Monmouth Medical Center - Southern Campus	.
Morristown Medical Center	.

Table 1. Retained Surgical Item or Unretrieved Device Fragment (formerly Foreign body left during procedure)

Hospital	# of cases
Statewide	16
Newark Beth Israel Medical Center	.
Newton Medical Center	.
Ocean Medical Center - Brick Division	.
Our Lady of Lourdes Medical Center	2
Overlook Medical Center	.
Palisades Medical Center	.
Penn Medicine Princeton Medical Center	.
Raritan Bay Medical Center-Old Bridge	.
Raritan Bay Medical Center-Perth Amboy	1
Riverview Medical Center	.
RWJ University Hospital	1
RWJ University Hospital at Hamilton	.
RWJ University Hospital at Rahway	.
RWJ University Hospital Somerset	.
Saint Clare's Hospital	.
Saint Clare's Hospital/Denville Campus	.
Saint Michael's Medical Center	.
Saint Peter's University Hospital	.
Shore Medical Center	.
Southern Ocean Medical Center	.
St. Barnabas Medical Center	1
St. Francis Medical Center-Trenton	.
St. Joseph's Hospital and Medical Center	1
St. Joseph's Wayne	.
St. Lukes's Warren Hospital	.
St. Mary's General Hospital	.
The Memorial Hospital of Salem County	.
Trinitas Hospital	.
University Hospital	1
Valley Hospital	2
Virtua-Memorial Hospital Burlington Cty.	.
Virtua-West Jersey Hospital Marlton	.
Virtua-West Jersey Hospital Voorhees	.

Source: New Jersey numbers are derived from the **2017 NJ UB Data** using the AHRQ SAS Software, Version 2019. The National numbers (Table 12) come from AHRQ's Benchmark Data Tables derived from analysis of the 2016 HCUP - State Inpatient Database (SID) using the same Version.

Note - 'Retained Surgical Item or Unretrieved Device Fragment' is reported in volume or count, not rate.

Table 2. Iatrogenic Pneumothorax (per 1,000 medical and surgical discharges)

Hospital	# of cases	# of discharges	Obs. rate	Exp. Rate Δ	Risk-adjusted rate	95% Confidence interval
Statewide	113	634,926	0.2	0.2	0.2	0.1 - 0.2
Atlantic City Medical Center-City Campus	5	8,349	0.6	0.2	0.8	0.4 - 1.1
Atlantic City Medical Center-Mainland Campus	3	12,725	0.2	0.3	0.2	0.0 - 0.4
Bayshore Community Hospital	1	6,855	0.1	0.2	0.2	0.0 - 0.5
Bergen Regional Medical Center	0	8,283	0.0	0.1	0.0	0.0 - 0.6
Cape Regional Medical Center Inc	3	5,907	0.5	0.2	0.7 **	0.2 - 1.1
Capital Health Medical Center - Hopewell	1	6,237	0.2	0.2	0.2	0.0 - 0.6
Capital Health Regional Medical Center - Fuld	1	5,657	0.2	0.2	0.2	0.0 - 0.6
Carepoint Health - Bayonne Medical Center	1	4,824	0.2	0.2	0.2	0.0 - 0.7
Carepoint Health - Christ Hospital	2	6,925	0.3	0.1	0.4	0.0 - 0.8
Carepoint Health - Hoboken University Medical Center	0	3,658	0.0	0.1	0.0	0.0 - 0.6
CentraState Medical Center	0	9,873	0.0	0.2	0.0	0.0 - 0.3
Chilton Memorial Center	2	7,017	0.3	0.2	0.3	0.0 - 0.6
Clara Maass Medical Center	0	10,674	0.0	0.2	0.0	0.0 - 0.3
Community Medical Center	0	16,594	0.0	0.2	0.0	0.0 - 0.2
Cooper Hospital/University Medical Center	2	20,407	0.1	0.3	0.1	0.0 - 0.2
Deborah Heart and Lung Center	3	3,234	0.9	1.0	0.2	0.0 - 0.4
East Orange General Hospital	0	4,592	0.0	0.2	0.0	0.0 - 0.5
Englewood Hospital and Medical Center	1	10,903	0.1	0.3	0.1	0.0 - 0.3
Hackensack Meridian Health Pascack Valley MC	0	2,954	0.0	0.2	0.0	0.0 - 0.5
Hackensack University Medical Center	5	21,179	0.2	0.3	0.2	0.0 - 0.3
HackensackUMC - Mountainside	2	8,682	0.2	0.2	0.2	0.0 - 0.5
Hackettstown Community Hospital	0	2,756	0.0	0.3	0.0	0.0 - 0.5
Holy Name Medical Center	1	10,451	0.1	0.2	0.1	0.0 - 0.4
Hudson Regional Hospital	0	895	0.0	0.2	0.0	0.0 - 1.1
Hunterdon Medical Center	3	6,418	0.5	0.2	0.5	0.2 - 0.9
Inspira Medical Center - Elmer	1	2,576	0.4	0.2	0.5	0.0 - 1.2
Inspira Medical Center - Woodbury	3	6,961	0.4	0.2	0.4	0.1 - 0.8
Inspira Medical Centers, Inc	2	12,841	0.2	0.2	0.2	0.0 - 0.4
Jefferson Cherry Hill Hospital	1	6,475	0.2	0.1	0.2	0.0 - 0.7
Jefferson Stratford Hospital	1	5,423	0.2	0.1	0.3	0.0 - 0.8
Jefferson Washington Township Hospital	3	11,180	0.3	0.2	0.3	0.0 - 0.6
Jersey City Medical Center	2	9,766	0.2	0.2	0.2	0.0 - 0.5
Jersey Shore University Medical Center	6	17,786	0.3	0.3	0.2	0.1 - 0.4
JFK Medical CTR - Anthony M. Yelencis Community	3	13,873	0.2	0.2	0.2	0.0 - 0.4
Lourdes Medical Center of Burlington Cty.	1	5,140	0.2	0.1	0.3	0.0 - 0.9
Monmouth Medical Center	4	7,477	0.5	0.2	0.6 **	0.2 - 0.9
Monmouth Medical Center - Southern Campus	1	5,705	0.2	0.2	0.2	0.0 - 0.6
Morristown Medical Center	3	25,097	0.1	0.3	0.1	0.0 - 0.2
Newark Beth Israel Medical Center	0	10,902	0.0	0.2	0.0	0.0 - 0.3
Newton Medical Center	1	6,309	0.2	0.2	0.2	0.0 - 0.6
Ocean Medical Center - Brick Division	0	12,576	0.0	0.2	0.0	0.0 - 0.3
Our Lady of Lourdes Medical Center	1	9,439	0.1	0.4	0.1	0.0 - 0.3
Overlook Medical Center	2	16,293	0.1	0.2	0.1	0.0 - 0.3

Table 2. Iatrogenic Pneumothorax (per 1,000 medical and surgical discharges)

Hospital	# of cases	# of discharges	Obs. rate	Exp. Rate Δ	Risk-adjusted rate	95% Confidence interval
Statewide	113	634,926	0.2	0.2	0.2	0.1 - 0.2
Palisades Medical Center	1	6,479	0.2	0.2	0.2	0.0 - 0.5
Penn Medicine Princeton Medical Center	0	10,397	0.0	0.2	0.0	0.0 - 0.3
Raritan Bay Medical Center-Old Bridge	0	4,330	0.0	0.2	0.0	0.0 - 0.4
Raritan Bay Medical Center-Perth Amboy	1	5,730	0.2	0.2	0.2	0.0 - 0.6
Riverview Medical Center	1	9,687	0.1	0.2	0.1	0.0 - 0.4
RWJ University Hospital	9	20,383	0.4	0.3	0.3	0.2 - 0.5
RWJ University Hospital at Hamilton	4	7,464	0.5	0.2	0.7 **	0.3 - 1.0
RWJ University Hospital at Rahway	2	4,442	0.5	0.3	0.3	0.0 - 0.7
RWJ University Hospital Somerset	0	11,603	0.0	0.2	0.0	0.0 - 0.3
Saint Clare's Hospital	0	4,057	0.0	0.2	0.0	0.0 - 0.4
Saint Clare's Hospital/Denville Campus	0	8,284	0.0	0.3	0.0	0.0 - 0.3
Saint Michael's Medical Center	0	6,674	0.0	0.3	0.0	0.0 - 0.3
Saint Peter's University Hospital	2	9,347	0.2	0.2	0.2	0.0 - 0.5
Shore Memorial Hospital	0	7,525	0.0	0.2	0.0	0.0 - 0.4
Southern Ocean County Hospital	2	6,180	0.3	0.2	0.4	0.0 - 0.8
St. Barnabas Medical Center	3	17,518	0.2	0.3	0.1	0.0 - 0.3
St. Francis Medical Center-Trenton	1	4,008	0.2	0.2	0.2	0.0 - 0.7
St. Joseph's Hospital and Medical Center	4	18,051	0.2	0.2	0.2	0.0 - 0.4
St. Joseph's Wayne	0	4,257	0.0	0.2	0.0	0.0 - 0.4
St. Luke' Warren Hospital	1	3,676	0.3	0.2	0.3	0.0 - 0.7
St. Mary's General Hospital	0	4,465	0.0	0.3	0.0	0.0 - 0.4
The Memorial Hospital of Salem County	0	2,786	0.0	0.2	0.0	0.0 - 0.6
Trinitas Hospital	1	7,858	0.1	0.2	0.1	0.0 - 0.5
University Hospital	1	11,203	0.1	0.2	0.1	0.0 - 0.4
Valley Hospital	3	13,309	0.2	0.3	0.2	0.0 - 0.4
Virtua-Memorial Hospital Burlington Cty.	3	11,868	0.3	0.2	0.3	0.0 - 0.5
Virtua-West Jersey Hospital Marlton	1	7,065	0.1	0.2	0.1	0.0 - 0.5
Virtua-West Jersey Hospital Voorhees	2	14,412	0.1	0.1	0.2	0.0 - 0.5

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* = Statistically significantly below state average (i.e. better than average), ** = Statistically significantly above state average (i.e. worse than average).

Δ : Expected rate is the rate the hospital would have if it had the same case-mix (e.g., age, gender, DRG, and comorbidity categories) as the reference or statewide population. If the observed rate is higher than the expected rate (i.e., the ratio of observed to expected is greater than 1.0), it suggests that the hospital performed worse than the reference population on that indicator.

Table 3. In Hospital Fall with Hip Fracture (per 1,000 surgical discharges)

Hospital	# of cases	# of discharges	Obs. rate	Exp. Rate Δ	Risk-adjusted rate	95% Confidence interval
Statewide	35	537,799	0.1	0.1	0.1	0.0 - 0.1
Atlantic City Medical Center-City Campus	0	5,828	0.0	0.1	0.0	0.0 - 0.3
Atlantic City Medical Center-Mainland Campus	1	11,226	0.1	0.1	0.1	0.0 - 0.2
Bayshore Medical Center	0	6,132	0.0	0.1	0.0	0.0 - 0.2
Bergen Regional Medical Center	0	917	0.0	0.1	0.0	0.0 - 0.6
Cape Regional Medical Center Inc	1	5,180	0.2	0.1	0.2	0.0 - 0.5
Capital Health Medical Center - Hopewell	0	5,603	0.0	0.1	0.0	0.0 - 0.2
Capital Health Regional Medical Center - Fuld	1	4,154	0.2	0.1	0.3	0.0 - 0.6
Carepoint Health - Bayonne Medical Center	0	4,131	0.0	0.1	0.0	0.0 - 0.3
Carepoint Health - Christ Hospital	0	5,026	0.0	0.1	0.0	0.0 - 0.3
Carepoint Health - Hoboken University Medical Center	0	3,238	0.0	0.1	0.0	0.0 - 0.3
CentraState Medical Center	1	8,619	0.1	0.1	0.1	0.0 - 0.3
Chilton Memorial Center	0	6,201	0.0	0.1	0.0	0.0 - 0.2
Clara Maass Medical Center	1	9,387	0.1	0.1	0.1	0.0 - 0.3
Community Medical Center	1	14,404	0.1	0.1	0.1	0.0 - 0.2
Cooper Hospital/University Medical Center	0	16,162	0.0	0.1	0.0	0.0 - 0.1
Deborah Heart and Lung Center	0	3,568	0.0	0.1	0.0	0.0 - 0.3
East Orange General Hospital	0	3,489	0.0	0.1	0.0	0.0 - 0.4
Englewood Hospital and Medical Center	1	9,664	0.1	0.1	0.1	0.0 - 0.3
Hackensack Meridian Health Pascack Valley MC	0	2,645	0.0	0.1	0.0	0.0 - 0.3
Hackensack University Medical Center	0	16,873	0.0	0.1	0.0	0.0 - 0.1
HackensackUMC - Mountainside	0	7,743	0.0	0.1	0.0	0.0 - 0.2
Hackettstown Medical Center	0	2,355	0.0	0.1	0.0	0.0 - 0.4
Holy Name Medical Center	1	8,989	0.1	0.1	0.1	0.0 - 0.3
Hudson Regional Hospital	0	814	0.0	0.1	0.0	0.0 - 0.6
Hunterdon Medical Center	0	5,452	0.0	0.1	0.0	0.0 - 0.2
Inspira Medical Center - Elmer	1	2,348	0.4	0.1	0.4	0.0 - 0.8
Inspira Medical Center - Woodbury	1	6,367	0.2	0.1	0.2	0.0 - 0.4
Inspira Medical Centers, Inc	1	11,365	0.1	0.1	0.1	0.0 - 0.3
Jefferson Cherry Hill Hospital	1	4,953	0.2	0.1	0.2	0.0 - 0.5
Jefferson Stratford Hospital	0	5,021	0.0	0.1	0.0	0.0 - 0.3
Jefferson Washington Township Hospital	0	9,867	0.0	0.1	0.0	0.0 - 0.2
Jersey City Medical Center	0	8,619	0.0	0.1	0.0	0.0 - 0.2
Jersey Shore University Medical Center	0	14,959	0.0	0.1	0.0	0.0 - 0.1
JFK Medical CTR - Anthony M. Yelencics Community	2	11,806	0.2	0.1	0.2	0.0 - 0.4
Lourdes Medical Center of Burlington Cty.	0	4,362	0.0	0.1	0.0	0.0 - 0.3
Monmouth Medical Center	0	6,526	0.0	0.1	0.0	0.0 - 0.2
Monmouth Medical Center - Southern Campus	0	3,572	0.0	0.1	0.0	0.0 - 0.3
Morristown Medical Center	1	22,733	0.0	0.1	0.0	0.0 - 0.1
Newark Beth Israel Medical Center	0	10,151	0.0	0.1	0.0	0.0 - 0.2
Newton Medical Center	0	5,368	0.0	0.1	0.0	0.0 - 0.3
Ocean Medical Center - Brick Division	0	11,062	0.0	0.1	0.0	0.0 - 0.1
Our Lady of Lourdes Medical Center	2	9,262	0.2	0.1	0.3	0.1 - 0.5
Overlook Medical Center	1	13,200	0.1	0.1	0.1	0.0 - 0.2

Table 3. In Hospital Fall with Hip Fracture (per 1,000 surgical discharges)

Hospital	# of cases	# of discharges	Obs. rate	Exp. Rate Δ	Risk-adjusted rate	95% Confidence interval
Statewide	35	537,799	0.1	0.1	0.1	0.0 - 0.1
Palisades Medical Center	0	5,647	0.0	0.1	0.0	0.0 - 0.2
Penn Medicine Princeton Medical Center	3	8,891	0.3	0.1	0.3	0.1 - 0.4
Raritan Bay Medical Center-Old Bridge	0	3,910	0.0	0.1	0.0	0.0 - 0.3
Raritan Bay Medical Center-Perth Amboy	1	4,360	0.2	0.1	0.3	0.0 - 0.6
Riverview Medical Center	3	7,594	0.4	0.1	0.3 **	0.1 - 0.5
RWJ University Hospital	0	17,181	0.0	0.1	0.0	0.0 - 0.1
RWJ University Hospital at Hamilton	0	6,799	0.0	0.1	0.0	0.0 - 0.2
RWJ University Hospital at Rahway	0	4,029	0.0	0.1	0.0	0.0 - 0.3
RWJ University Hospital Somerset	1	9,678	0.1	0.1	0.1	0.0 - 0.3
Saint Clare's Hospital	0	3,635	0.0	0.1	0.0	0.0 - 0.3
Saint Clare's Hospital/Denville Campus	0	7,272	0.0	0.1	0.0	0.0 - 0.2
Saint Michael's Medical Center	1	5,849	0.2	0.1	0.2	0.0 - 0.4
Saint Peter's University Hospital	1	8,226	0.1	0.1	0.1	0.0 - 0.3
Shore Medical Center	0	6,697	0.0	0.1	0.0	0.0 - 0.2
Southern Ocean Medical Center	0	5,556	0.0	0.1	0.0	0.0 - 0.2
St. Barnabas Medical Center	0	15,269	0.0	0.1	0.0	0.0 - 0.1
St. Francis Medical Center-Trenton	0	3,303	0.0	0.1	0.0	0.0 - 0.4
St. Joseph's Hospital and Medical Center	0	14,909	0.0	0.1	0.0	0.0 - 0.2
St. Joseph's Wayne	2	3,776	0.5	0.1	0.6 **	0.3 - 0.9
St. Lukes's Warren Hospital	0	3,234	0.0	0.1	0.0	0.0 - 0.3
St. Mary's General Hospital	1	4,055	0.2	0.1	0.2	0.0 - 0.5
The Memorial Hospital of Salem County	0	2,556	0.0	0.1	0.0	0.0 - 0.4
Trinitas Hospital	0	6,749	0.0	0.1	0.0	0.0 - 0.2
University Hospital	1	7,708	0.1	0.1	0.2	0.0 - 0.4
Valley Hospital	1	11,592	0.1	0.1	0.1	0.0 - 0.2
Virtua-Memorial Hospital Burlington Cty.	1	10,444	0.1	0.1	0.1	0.0 - 0.3
Virtua-West Jersey Hospital Marlton	1	6,325	0.2	0.1	0.1	0.0 - 0.3
Virtua-West Jersey Hospital Voorhees	0	13,214	0.0	0.1	0.0	0.0 - 0.1

Source: New Jersey numbers are derived from the **2017 NJ UB Data** using the AHRQ SAS Software, Version 2019. The national numbers come from AHRQ's Benchmark Data Tables derived from analysis of the 2016 HCUP - State Inpatient Database (SID) using the same Version.

* = Statistically significantly below state average (i.e. better than average), ** = Statistically significantly above state average (i.e. worse than average).

Δ : Expected rate is the rate the hospital would have if it had the same case-mix (e.g., age, gender, DRG, and comorbidity categories) as the reference or statewide population. If the observed rate is higher than the expected rate (i.e., the ratio of observed to expected is greater than 1.0), it suggests that the hospital performed worse than the reference population on that indicator.

Table 4. Perioperative Hemorrhage or Hematoma (per 1,000 surgical discharges)

Hospital	# of cases	# of discharges	Obs. rate	Exp. Rate Δ	Risk-adjusted rate	95% Confidence interval
Statewide	348	167,847	2.1	2.2	2.1	1.9 - 2.3
Atlantic City Medical Center-City Campus	4	1,750	2.3	2.3	2.2	0.0 - 4.4
Atlantic City Medical Center-Mainland Campus	2	4,072	0.5	1.5	0.7	0.0 - 2.5
Bayshore Medical Center	0	1,575	0.0	2.1	0.0	0.0 - 2.5
Bergen Regional Medical Center	0	69	0.0	2.9	0.0	0.0 - 10.1
Cape Regional Medical Center Inc	3	921	3.3	2.0	3.8	0.5 - 7.1
Capital Health Medical Center - Hopewell	2	1,652	1.2	2.1	1.3	0.0 - 3.7
Capital Health Regional Medical Center - Fuld	3	901	3.3	2.3	3.3	0.2 - 6.4
Carepoint Health - Bayonne Medical Center	1	610	1.6	2.0	1.8	0.0 - 5.9
Carepoint Health - Christ Hospital	4	992	4.0	2.6	3.6	0.8 - 6.4
Carepoint Health - Hoboken University Medical Center	1	636	1.6	1.6	2.2	0.0 - 6.6
CentraState Medical Center	5	2,373	2.1	2.0	2.5	0.4 - 4.5
Chilton Memorial Center	3	1,264	2.4	1.8	3.0	0.0 - 6.0
Clara Maass Medical Center	5	2,521	2.0	1.9	2.3	0.3 - 4.4
Community Medical Center	2	3,464	0.6	1.8	0.7	0.0 - 2.5
Cooper Hospital/University Medical Center	16	7,713	2.1	3.0	1.6	0.6 - 2.5
Deborah Heart and Lung Center	5	1,612	3.1	3.6	2.0	0.1 - 3.8
East Orange General Hospital	0	471	0.0	2.2	0.0	0.0 - 4.4
Englewood Hospital and Medical Center	13	3,997	3.3	2.7	2.8	1.4 - 4.1
Hackensack Meridian Health Pascack Valley MC	1	822	1.2	1.3	2.1	0.0 - 6.5
Hackensack University Medical Center	19	8,586	2.2	2.2	2.3	1.3 - 3.3
HackensackUMC - Mountainside	1	2,114	0.5	1.8	0.6	0.0 - 2.9
Hackettstown Medical Center	1	405	2.5	2.0	2.9	0.0 - 7.9
Holy Name Medical Center	4	3,099	1.3	1.9	1.6	0.0 - 3.5
Hudson Regional Hospital	1	264	3.8	1.8	4.8	0.0 - 11.3
Hunterdon Medical Center	1	1,395	0.7	1.5	1.1	0.0 - 4.1
Inspira Medical Center - Elmer	0	504	0.0	1.1	0.0	0.0 - 6.0
Inspira Medical Center - Woodbury	6	1,341	4.5	2.0	5.2 **	2.4 - 8.0
Inspira Medical Centers, Inc	2	2,476	0.8	2.0	0.9	0.0 - 3.0
Jefferson Cherry Hill Hospital	0	1,177	0.0	1.1	0.0	0.0 - 4.0
Jefferson Stratford Hospital	2	1,048	1.9	1.8	2.5	0.0 - 5.8
Jefferson Washington Township Hospital	7	2,528	2.8	1.8	3.5	1.4 - 5.5
Jersey City Medical Center	7	2,460	2.8	2.2	3.0	1.0 - 4.9
Jersey Shore University Medical Center	22	6,125	3.6	2.8	2.9	1.8 - 4.0
JFK Medical CTR - Anthony M. Yelencis Community	4	3,466	1.2	1.9	1.4	0.0 - 3.1
Lourdes Medical Center of Burlington Cty.	0	799	0.0	1.5	0.0	0.0 - 4.0
Monmouth Medical Center	1	2,638	0.4	1.8	0.5	0.0 - 2.5
Monmouth Medical Center - Southern Campus	1	330	3.0	2.1	3.4	0.0 - 8.8
Morristown Medical Center	23	12,503	1.8	2.6	1.6	0.8 - 2.4
Newark Beth Israel Medical Center	1	2,598	0.4	3.9	0.2 *	0.0 - 1.6
Newton Medical Center	2	681	2.9	2.0	3.4	0.0 - 7.3
Ocean Medical Center - Brick Division	3	3,038	1.0	1.5	1.5	0.0 - 3.5
Our Lady of Lourdes Medical Center	13	3,156	4.1	3.4	2.8	1.4 - 4.1
Overlook Medical Center	10	5,049	2.0	2.0	2.3	0.9 - 3.7
Penn Medicine Princeton Medical Center	4	3,196	1.3	1.4	2.1	0.0 - 4.3

Table 4. Perioperative Hemorrhage or Hematoma (per 1,000 surgical discharges)

Hospital	# of cases	# of discharges	Obs. rate	Exp. Rate Δ	Risk-adjusted rate	95% Confidence interval
Statewide	348	167,847	2.1	2.2	2.1	1.9 - 2.3
Raritan Bay Medical Center-Old Bridge	0	711	0.0	1.6	0.0	0.0 - 4.2
Raritan Bay Medical Center-Perth Amboy	0	785	0.0	1.9	0.0	0.0 - 3.7
Riverview Medical Center	2	2,507	0.8	2.1	0.9	0.0 - 2.8
RWJ University Hospital	29	7,847	3.7	2.9	2.9	2.0 - 3.9
RWJ University Hospital at Hamilton	4	1,883	2.1	1.6	3.0	0.5 - 5.6
RWJ University Hospital at Rahway	1	785	1.3	1.7	1.7	0.0 - 5.6
RWJ University Hospital Somerset	3	2,238	1.3	1.7	1.8	0.0 - 4.0
Saint Clare's Hospital	1	477	2.1	1.7	2.8	0.0 - 7.7
Saint Clare's Hospital/Denville Campus	0	1,372	0.0	2.1	0.0	0.0 - 2.6
Saint Michael's Medical Center	0	1,054	0.0	2.9	0.0	0.0 - 2.6
Saint Peter's University Hospital	2	2,146	0.9	2.2	1.0	0.0 - 3.0
Shore Medical Center	2	1,872	1.1	1.4	1.7	0.0 - 4.5
Southern Ocean Medical Center	3	1,480	2.0	1.6	2.8	0.0 - 5.7
St. Barnabas Medical Center	34	6,298	5.4	2.9	4.3 **	3.3 - 5.4
St. Francis Medical Center-Trenton	0	1,106	0.0	2.3	0.0	0.0 - 2.8
St. Joseph's Hospital and Medical Center	13	4,826	2.7	2.3	2.7	1.4 - 4.1
St. Joseph's Wayne	3	744	4.0	1.8	5.3	1.3 - 9.2
St. Lukes's Warren Hospital	1	505	2.0	2.1	2.2	0.0 - 6.6
St. Mary's General Hospital	0	1,100	0.0	2.4	0.0	0.0 - 2.8
The Memorial Hospital of Salem County	0	203	0.0	1.9	0.0	0.0 - 7.3
Trinitas Hospital	2	1,383	1.4	2.1	1.6	0.0 - 4.2
University Hospital	17	3,509	4.8	2.6	4.3 **	2.8 - 5.8
Valley Hospital	10	4,555	2.2	2.4	2.1	0.7 - 3.4
Virtua-Memorial Hospital Burlington Cty.	8	3,080	2.6	2.2	2.8	1.0 - 4.5
Virtua-West Jersey Hospital Marlton	1	1,998	0.5	1.7	0.7	0.0 - 3.1
Virtua-West Jersey Hospital Voorhees	6	3,947	1.5	1.5	2.4	0.5 - 4.2

Source: New Jersey numbers are derived from the **2017 NJ UB Data** using SAS Software, Version2019. The national numbers come from AHRQ's Benchmark Data Tables derived from analysis of the 2012 HCUP - State Inpatient Database (SID) using SAS Software, Version 5.0.

* = Statistically significantly below state average (i.e. better than average), ** = Statistically significantly above state average (i.e. worse than average).

Δ : Expected rate is the rate the hospital would have if it had the same case-mix (e.g., age, gender, DRG, and comorbidity categories) as the reference or statewide population. If the observed rate is higher than the expected rate (i.e., the ratio of observed to expected is greater than 1.0), it suggests that the hospital performed worse than the reference population on that indicator.

Table 5. Perioperative Pulmonary Embolism or Deep Vein Thrombosis (per 1,000 surgical discharges)

Hospital	# of cases	# of discharges	Obs. rate	Exp. Rate Δ	Risk-adjusted rate	95% Confidence interval
Statewide	698	177,346	3.9	3.3	4.1	3.8 - 4.3
Atlantic City Medical Center-City Campus	13	1,850	7.0	3.8	6.3	3.8 - 8.9
Atlantic City Medical Center-Mainland Campus	15	4,352	3.4	2.9	4.0	2.2 - 5.9
Bayshore Medical Center	5	1,634	3.1	3.0	3.5	0.5 - 6.5
Bergen Regional Medical Center	0	73	0.0	4.7	0.0	0.0 - 11.4
Cape Regional Medical Center Inc	3	963	3.1	3.3	3.3	0.0 - 7.1
Capital Health Medical Center - Hopewell	7	1,736	4.0	3.1	4.4	1.5 - 7.3
Capital Health Regional Medical Center - Fuld	15	958	15.7	5.0	10.8 **	7.8 - 13.9
Carepoint Health - Bayonne Medical Center	1	663	1.5	4.0	1.3	0.0 - 5.5
Carepoint Health - Christ Hospital	4	1,047	3.8	2.6	5.0	0.9 - 9.0
Carepoint Health - Hoboken University Medical Center	5	682	7.3	2.6	9.9 **	4.8 - 15.0
CentraState Medical Center	4	2,487	1.6	3.2	1.7	0.0 - 4.1
Chilton Memorial Center	1	1,327	0.8	3.3	0.8 *	0.0 - 4.0
Clara Maass Medical Center	1	2,634	0.4	2.7	0.5 *	0.0 - 3.0
Community Medical Center	6	3,659	1.6	3.3	1.7 *	0.0 - 3.6
Cooper Hospital/University Medical Center	38	8,199	4.6	4.5	3.6	2.4 - 4.7
Deborah Heart and Lung Center	2	1,887	1.1	2.8	1.3	0.0 - 4.3
East Orange General Hospital	1	498	2.0	3.8	1.8	0.0 - 6.7
Englewood Hospital and Medical Center	13	4,138	3.1	3.0	3.6	1.7 - 5.5
Hackensack Meridian Health Pascack Valley MC	2	843	2.4	3.0	2.7	0.0 - 6.9
Hackensack University Medical Center	40	9,153	4.4	3.5	4.3	3.1 - 5.5
HackensackUMC - Mountainside	7	2,229	3.1	2.5	4.3	1.5 - 7.2
Hackettstown Medical Center	1	423	2.4	3.4	2.4	0.0 - 8.0
Holy Name Medical Center	19	3,247	5.9	3.1	6.5 **	4.4 - 8.7
Hudson Regional Hospital	0	278	0.0	3.0	0.0	0.0 - 7.3
Hunterdon Medical Center	5	1,460	3.4	3.0	3.9	0.7 - 7.2
Inspira Medical Center - Elmer	2	529	3.8	3.0	4.3	0.0 - 9.6
Inspira Medical Center - Woodbury	9	1,423	6.3	3.5	6.2	3.2 - 9.3
Inspira Medical Centers, Inc	13	2,622	5.0	3.3	5.3	3.0 - 7.6
Jefferson Cherry Hill Hospital	5	1,203	4.2	3.0	4.8	1.2 - 8.3
Jefferson Stratford Hospital	1	1,079	0.9	2.4	1.3	0.0 - 5.5
Jefferson Washington Township Hospital	13	2,604	5.0	3.2	5.3	3.0 - 7.7
Jersey City Medical Center	4	2,622	1.5	3.0	1.7	0.0 - 4.1
Jersey Shore University Medical Center	35	6,512	5.4	3.6	5.1	3.7 - 6.5
JFK Medical CTR - Anthony M. Yelencis Community	17	3,607	4.7	2.8	5.9	3.8 - 8.0
Lourdes Medical Center of Burlington Cty.	3	864	3.5	3.4	3.5	0.0 - 7.4
Monmouth Medical Center	5	2,729	1.8	2.8	2.3	0.0 - 4.7
Monmouth Medical Center - Southern Campus	1	349	2.9	4.1	2.4	0.0 - 8.0
Morristown Medical Center	49	13,213	3.7	3.6	3.5	2.5 - 4.5
Newark Beth Israel Medical Center	1	2,861	0.3	3.4	0.3 *	0.0 - 2.5
Newton Medical Center	4	739	5.4	4.2	4.5	0.6 - 8.3

Table 5. Perioperative Pulmonary Embolism or Deep Vein Thrombosis (per 1,000 surgical discharges)

Hospital	# of cases	# of discharges	Obs. rate	Exp. Rate Δ	Risk-adjusted rate	95% Confidence interval
Statewide	698	177,346	3.9	3.3	4.1	3.8 - 4.3
Ocean Medical Center - Brick Division	3	3,185	0.9	3.4	1.0 *	0.0 - 3.0
Our Lady of Lourdes Medical Center	17	3,498	4.9	3.3	5.1	3.1 - 7.1
Overlook Medical Center	22	5,352	4.1	3.4	4.2	2.6 - 5.8
Palisades Medical Center	5	1,106	4.5	2.9	5.3	1.6 - 9.1
Penn Medicine Princeton Medical Center	8	3,297	2.4	2.6	3.2	0.9 - 5.5
Raritan Bay Medical Center-Old Bridge	2	800	2.5	3.2	2.7	0.0 - 7.0
Raritan Bay Medical Center-Perth Amboy	0	839	0.0	2.7	0.0	0.0 - 4.5
Riverview Medical Center	9	2,671	3.4	3.4	3.5	1.2 - 5.7
RWJ University Hospital	46	8,345	5.5	4.0	4.8	3.6 - 6.0
RWJ University Hospital at Hamilton	13	1,959	6.6	3.0	7.7 **	4.9 - 10.4
RWJ University Hospital at Rahway	1	844	1.2	3.6	1.1	0.0 - 5.0
RWJ University Hospital Somerset	7	2,352	3.0	3.2	3.2	0.7 - 5.6
Saint Clare's Hospital	0	486	0.0	3.5	0.0	0.0 - 5.1
Saint Clare's Hospital/Denville Campus	2	1,413	1.4	4.3	1.1 *	0.0 - 3.9
Saint Michael's Medical Center	3	1,164	2.6	4.8	1.8	0.0 - 4.7
Saint Peter's University Hospital	10	2,218	4.5	3.1	5.0	2.4 - 7.5
Shore Medical Center	5	1,951	2.6	2.7	3.3	0.3 - 6.2
Southern Ocean Medical Center	3	1,560	1.9	2.8	2.4	0.0 - 5.6
St. Barnabas Medical Center	40	6,598	6.1	2.9	7.1 **	5.6 - 8.6
St. Francis Medical Center-Trenton	3	1,145	2.6	2.4	3.7	0.0 - 7.7
St. Joseph's Hospital and Medical Center	18	5,101	3.5	3.0	4.1	2.4 - 5.8
St. Joseph's Wayne	3	769	3.9	3.5	3.9	0.0 - 8.0
St. Lukes's Warren Hospital	2	547	3.7	5.5	2.3	0.0 - 6.2
St. Mary's General Hospital	2	1,145	1.7	3.4	1.8	0.0 - 5.2
The Memorial Hospital of Salem County	1	219	4.6	3.7	4.2	0.0 - 11.7
Trinitas Hospital	2	1,452	1.4	2.9	1.6	0.0 - 4.9
University Hospital	45	3,654	12.3	4.4	9.6 **	7.9 - 11.3
Valley Hospital	14	4,917	2.8	3.5	2.8	1.2 - 4.4
Virtua-Memorial Hospital Burlington Cty.	15	3,214	4.7	3.1	5.3	3.1 - 7.4
Virtua-West Jersey Hospital Marlton	12	2,111	5.7	3.2	6.1	3.5 - 8.7
Virtua-West Jersey Hospital Voorhees	15	4,058	3.7	2.8	4.5	2.5 - 6.5

Source: New Jersey numbers are derived from the **2017 NJ UB Data** using SAS Software, Version 2019. The national numbers come from AHRQ's Benchmark Data Tables derived from analysis of the 2012 HCUP - State Inpatient Database (SID) using SAS Software, Version 5.0.

* = Statistically significantly below state average (i.e. better than average), ** = Statistically significantly above state average (i.e. worse than average).

Δ : Expected rate is the rate the hospital would have if it had the same case-mix (e.g., age, gender, DRG, and comorbidity categories) as the reference or statewide population. If the observed rate is higher than the expected rate (i.e., the ratio of observed to expected is greater than 1.0), it suggests that the hospital performed worse than the reference population on that indicator.

Table 6. Postoperative Sepsis (per 1,000 elective surgical discharges)

Hospital	# of cases	# of discharges	Obs. rate	Exp. Rate Δ	Risk-adjusted rate	95% Confidence interval
Statewide	296	82,130	3.6	3.9	3.7	3.3 - 4.2
Atlantic City Medical Center-City Campus	2	654	3.1	4.9	2.5	0.0 - 6.9
Atlantic City Medical Center-Mainland Campus	3	2,701	1.1	2.2	2.0	0.0 - 5.2
Bayshore Medical Center	0	652	0.0	2.3	0.0	0.0 - 6.4
Bergen Regional Medical Center	1	18	55.6	17.8	12.6 ^	0.0 - 26.4
Cape Regional Medical Center Inc	0	322	0.0	3.0	0.0	0.0 - 8.0
Capital Health Medical Center - Hopewell	4	944	4.2	3.3	5.2	0.7 - 9.6
Capital Health Regional Medical Center - Fuld	1	121	8.3	4.9	6.9	0.0 - 17.1
Carepoint Health - Bayonne Medical Center	3	54	55.6	15.5	14.5 **	6.5 - 22.5
Carepoint Health - Christ Hospital	2	253	7.9	4.4	7.3	0.0 - 14.8
Carepoint Health - Hoboken University Medical Center	0	212	0.0	1.7	0.0	0.0 - 13.1
CentraState Medical Center	0	1,054	0.0	3.1	0.0	0.0 - 4.4
Chilton Memorial Center	3	519	5.8	2.7	8.6	2.0 - 15.3
Clara Maass Medical Center	3	886	3.4	2.9	4.7	0.0 - 9.6
Community Medical Center	4	1,211	3.3	4.0	3.3	0.0 - 6.9
Cooper Hospital/University Medical Center	21	4,018	5.2	7.2	2.9	1.5 - 4.4
Deborah Heart and Lung Center	1	125	8.0	9.0	3.6	0.0 - 11.0
East Orange General Hospital	0	155	0.0	2.8	0.0	0.0 - 11.6
Englewood Hospital and Medical Center	8	2,172	3.7	3.8	3.9	1.2 - 6.7
Hackensack Meridian Health Pascack Valley MC	2	487	4.1	2.1	8.1	0.2 - 15.9
Hackensack University Medical Center	17	5,401	3.1	4.1	3.1	1.5 - 4.8
HackensackUMC - Mountainside	1	1,151	0.9	2.3	1.5	0.0 - 6.3
Hackettstown Medical Center	2	145	13.8	6.2	9.1	0.9 - 17.3
Holy Name Medical Center	12	1,716	7.0	2.8	10.1 **	6.5 - 13.7
Hudson Regional Hospital	0	120	0.0	2.7	0.0	0.0 - 13.6
Hunterdon Medical Center	0	830	0.0	2.1	0.0	0.0 - 6.0
Inspira Medical Center - Elmer	1	363	2.8	2.6	4.3	0.0 - 12.4
Inspira Medical Center - Woodbury	3	484	6.2	2.9	8.6	2.0 - 15.2
Inspira Medical Centers, Inc	0	1,197	0.0	3.2	0.0	0.0 - 4.0
Jefferson Cherry Hill Hospital	3	781	3.8	1.4	11.0	3.5 - 18.6
Jefferson Stratford Hospital	1	619	1.6	2.2	3.0	0.0 - 9.8
Jefferson Washington Township Hospital	7	1,467	4.8	3.3	5.8	2.3 - 9.4
Jersey City Medical Center	3	774	3.9	2.8	5.5	0.2 - 10.8
Jersey Shore University Medical Center	9	3,121	2.9	5.0	2.3	0.3 - 4.3
JFK Medical CTR - Anthony M. Yelencis Community	6	1,558	3.9	3.5	4.5	1.1 - 7.9
Lourdes Medical Center of Burlington Cty.	3	333	9.0	2.9	12.6 **	4.5 - 20.6
Monmouth Medical Center	7	1,924	3.6	2.7	5.4	2.0 - 8.8
Monmouth Medical Center - Southern Campus	2	31	64.5	7.1	36.9 **	20.4 - 53.4
Morristown Medical Center	21	8,153	2.6	4.2	2.5	1.2 - 3.8
Newark Beth Israel Medical Center	1	669	1.5	5.2	1.2	0.0 - 5.4
Newton Medical Center	0	170	0.0	5.0	0.0	0.0 - 8.6
Ocean Medical Center - Brick Division	3	1,747	1.7	3.2	2.2	0.0 - 5.5
Our Lady of Lourdes Medical Center	3	1,397	2.1	5.5	1.6	0.0 - 4.4
Overlook Medical Center	5	3,027	1.7	3.5	1.9	0.0 - 4.3
Palisades Medical Center	0	191	0.0	4.7	0.0	0.0 - 8.3

Table 6. Postoperative Sepsis (per 1,000 elective surgical discharges)

Hospital	# of cases	# of discharges	Obs. rate	Exp. Rate ^Δ	Risk-adjusted rate	95% Confidence interval
Statewide	296	82,130	3.6	3.9	3.7	3.3 - 4.2
Penn Medicine Princeton Medical Center	3	2,265	1.3	1.8	3.0	0.0 - 7.0
Raritan Bay Medical Center-Old Bridge	1	309	3.2	3.5	3.8	0.0 - 11.3
Raritan Bay Medical Center-Perth Amboy	0	137	0.0	4.6	0.0	0.0 - 9.8
Riverview Medical Center	5	1,567	3.2	3.0	4.3	0.7 - 7.9
RWJ University Hospital	23	4,420	5.2	5.4	3.9	2.3 - 5.5
RWJ University Hospital at Hamilton	1	1,045	1.0	2.3	1.7	0.0 - 6.8
RWJ University Hospital at Rahway	0	231	0.0	2.2	0.0	0.0 - 11.2
RWJ University Hospital Somerset	1	904	1.1	3.3	1.4	0.0 - 6.0
Saint Clare's Hospital	0	142	0.0	1.9	0.0	0.0 - 15.1
Saint Clare's Hospital/Denville Campus	0	563	0.0	6.1	0.0	0.0 - 4.2
Saint Michael's Medical Center	0	264	0.0	7.3	0.0	0.0 - 5.6
Saint Peter's University Hospital	12	1,116	10.8	3.9	11.0 **	7.3 - 14.8
Shore Medical Center	0	1,095	0.0	1.6	0.0	0.0 - 5.9
Southern Ocean Medical Center	1	847	1.2	2.3	2.1	0.0 - 7.7
St. Barnabas Medical Center	12	3,132	3.8	4.3	3.6	1.5 - 5.8
St. Francis Medical Center-Trenton	3	344	8.7	5.8	6.1	0.5 - 11.7
St. Joseph's Hospital and Medical Center	12	1,629	7.4	2.8	10.6 **	6.9 - 14.3
St. Joseph's Wayne	0	60	0.0	3.7	0.0	0.0 - 16.8
St. Lukes's Warren Hospital	1	137	7.3	5.5	5.4	0.0 - 14.4
St. Mary's General Hospital	0	125	0.0	6.8	0.0	0.0 - 8.5
The Memorial Hospital of Salem County	0	47	0.0	4.0	0.0	0.0 - 18.2
Trinitas Hospital	1	397	2.5	3.7	2.8	0.0 - 9.3
University Hospital	35	1,534	22.8	8.1	11.4 **	9.2 - 13.6
Valley Hospital	7	2,538	2.8	4.5	2.5	0.1 - 4.8
Virtua-Memorial Hospital Burlington Cty.	4	1,449	2.8	3.3	3.4	0.0 - 7.0
Virtua-West Jersey Hospital Marlton	2	708	2.8	3.4	3.4	0.0 - 8.4
Virtua-West Jersey Hospital Voorhees	4	1,198	3.3	3.5	3.9	0.0 - 7.7

Source: New Jersey numbers are derived from the **2017 NJ UB Data** using SAS Software, Version 2019. The national numbers come from AHRQ's Benchmark Data Tables derived from analysis of the 2012 HCUP - State Inpatient Database (SID) using SAS Software, Version 5.0.

* = Statistically significantly below state average (i.e. better than average), ** = Statistically significantly above state average (i.e. worse than average).

[^] = Rates are based on denominators less than 30 and should be taken with caution.

^Δ: Expected rate is the rate the hospital would have if it had the same case-mix (e.g., age, gender, DRG, and comorbidity categories) as the reference or statewide population. If the observed rate is higher than the expected rate (i.e., the ratio of observed to expected is greater than 1.0), it suggests that the hospital performed worse than the reference population on that indicator.

Table 7. Postoperative wound dehiscence (per 1,000 abdominopelvic surgical discharges)

Hospital	# of cases	# of discharges	Obs. rate	Exp. Rate Δ	Risk-adjusted rate	95% Confidence interval
Statewide	27	51,522	0.5	0.6	0.6	0.3 - 0.8
Atlantic City Medical Center-City Campus	0	623	0.0	0.8	0.0	0.0 - 1.9
Atlantic City Medical Center-Mainland Campus	0	554	0.0	0.6	0.0	0.0 - 2.4
Bayshore Medical Center	1	723	1.4	0.4	2.2	0.0 - 4.7
Bergen Regional Medical Center	0	26	0.0	2.0	0.0 ^	0.0 - 6.0
Cape Regional Medical Center Inc	1	382	2.6	0.7	2.7	0.0 - 5.4
Capital Health Medical Center - Hopewell	0	703	0.0	0.7	0.0	0.0 - 1.9
Capital Health Regional Medical Center - Fuld	1	283	3.5	1.2	2.1	0.0 - 4.5
Carepoint Health - Bayonne Medical Center	0	272	0.0	1.0	0.0	0.0 - 2.6
Carepoint Health - Christ Hospital	0	413	0.0	0.6	0.0	0.0 - 2.7
Carepoint Health - Hoboken University Medical Center	0	235	0.0	0.5	0.0	0.0 - 4.0
CentraState Medical Center	1	933	1.1	0.6	1.2	0.0 - 3.0
Chilton Memorial Center	0	446	0.0	0.8	0.0	0.0 - 2.3
Clara Maass Medical Center	0	709	0.0	0.6	0.0	0.0 - 2.2
Community Medical Center	1	1,322	0.8	0.7	0.7	0.0 - 2.1
Cooper Hospital/University Medical Center	2	2,242	0.9	1.0	0.6	0.0 - 1.5
Deborah Heart and Lung Center	0	39	0.0	0.9	0.0	0.0 - 7.4
East Orange General Hospital	0	184	0.0	0.4	0.0	0.0 - 5.2
Englewood Hospital and Medical Center	1	1,253	0.8	0.5	1.1	0.0 - 2.9
Hackensack Meridian Health Pascack Valley MC	1	229	4.4	0.4	8.3 **	3.6 - 13.0
Hackensack University Medical Center	0	2,576	0.0	0.5	0.0	0.0 - 1.2
HackensackUMC - Mountainside	1	1,220	0.8	0.2	2.5	0.0 - 5.1
Hackettstown Medical Center	1	135	7.4	0.9	5.7 **	1.8 - 9.7
Holy Name Medical Center	1	1,079	0.9	0.5	1.2	0.0 - 3.0
Hudson Regional Hospital	0	75	0.0	0.5	0.0	0.0 - 7.3
Hunterdon Medical Center	0	383	0.0	0.5	0.0	0.0 - 3.0
Inspira Medical Center - Elmer	0	101	0.0	0.9	0.0	0.0 - 4.5
Inspira Medical Center - Woodbury	0	421	0.0	0.6	0.0	0.0 - 2.7
Inspira Medical Centers, Inc	1	897	1.1	0.7	1.1	0.0 - 2.8
Jefferson Cherry Hill Hospital	0	245	0.0	0.6	0.0	0.0 - 3.7
Jefferson Stratford Hospital	0	341	0.0	0.4	0.0	0.0 - 3.7
Jefferson Washington Township Hospital	0	862	0.0	0.6	0.0	0.0 - 1.9
Jersey City Medical Center	0	612	0.0	0.7	0.0	0.0 - 2.1
Jersey Shore University Medical Center	1	1,470	0.7	0.7	0.6	0.0 - 1.9
JFK Medical CTR - Anthony M. Yelensics Community	1	1,122	0.9	0.5	1.3	0.0 - 3.2
Lourdes Medical Center of Burlington Cty.	0	251	0.0	0.8	0.0	0.0 - 3.0
Monmouth Medical Center	0	881	0.0	0.4	0.0	0.0 - 2.4
Monmouth Medical Center - Southern Campus	0	159	0.0	0.5	0.0	0.0 - 4.9
Morristown Medical Center	0	2,472	0.0	0.7	0.0	0.0 - 1.0
Newark Beth Israel Medical Center	0	604	0.0	0.5	0.0	0.0 - 2.5
Newton Medical Center	1	410	2.4	0.7	2.4	0.0 - 5.0
Ocean Medical Center - Brick Division	0	915	0.0	0.7	0.0	0.0 - 1.7
Our Lady of Lourdes Medical Center	0	890	0.0	0.5	0.0	0.0 - 2.1
Overlook Medical Center	2	1,804	1.1	0.6	1.4	0.0 - 2.7
Palisades Medical Center	0	464	0.0	0.5	0.0	0.0 - 2.8
Penn Medicine Princeton Medical Center	1	733	1.4	0.4	2.2	0.0 - 4.6
Raritan Bay Medical Center-Old Bridge	0	295	0.0	0.5	0.0	0.0 - 3.7

Table 7. Postoperative wound dehiscence (per 1,000 abdominopelvic surgical discharges)

Hospital	# of cases	# of discharges	Obs. rate	Exp. Rate Δ	Risk-adjusted rate	95% Confidence interval
Statewide	27	51,522	0.5	0.6	0.6	0.3 - 0.8
Raritan Bay Medical Center-Perth Amboy	0	303	0.0	0.6	0.0	0.0 - 3.1
Riverview Medical Center	0	747	0.0	0.8	0.0	0.0 - 1.7
RWJ University Hospital	1	2,058	0.5	0.8	0.4	0.0 - 1.5
RWJ University Hospital at Hamilton	0	527	0.0	1.0	0.0	0.0 - 1.9
RWJ University Hospital at Rahway	0	266	0.0	0.6	0.0	0.0 - 3.3
RWJ University Hospital Somerset	0	652	0.0	0.6	0.0	0.0 - 2.1
Saint Clare's Hospital	0	140	0.0	0.3	0.0	0.0 - 6.5
Saint Clare's Hospital/Denville Campus	0	344	0.0	0.4	0.0	0.0 - 3.5
Saint Michael's Medical Center	0	207	0.0	0.6	0.0	0.0 - 3.9
Saint Peter's University Hospital	1	1,063	0.9	0.5	1.3	0.0 - 3.2
Shore Medical Center	0	509	0.0	0.6	0.0	0.0 - 2.5
Southern Ocean Medical Center	0	970	0.0	0.4	0.0	0.0 - 2.2
St. Barnabas Medical Center	0	2,206	0.0	0.5	0.0	0.0 - 1.3
St. Francis Medical Center-Trenton	0	201	0.0	1.1	0.0	0.0 - 2.9
St. Joseph's Hospital and Medical Center	1	1,598	0.6	0.6	0.7	0.0 - 2.1
St. Joseph's Wayne	0	368	0.0	0.7	0.0	0.0 - 2.6
St. Lukes's Warren Hospital	0	199	0.0	0.9	0.0	0.0 - 3.1
St. Mary's General Hospital	0	338	0.0	0.6	0.0	0.0 - 3.0
The Memorial Hospital of Salem County	0	87	0.0	0.9	0.0	0.0 - 4.9
Trinitas Hospital	1	631	1.6	0.4	2.5	0.0 - 5.1
University Hospital	1	1,112	0.9	0.8	0.7	0.0 - 2.2
Valley Hospital	0	1,271	0.0	0.8	0.0	0.0 - 1.3
Virtua-Memorial Hospital Burlington Cty.	1	1,065	0.9	0.6	1.1	0.0 - 2.7
Virtua-West Jersey Hospital Marlton	1	363	2.8	0.7	2.6	0.0 - 5.2
Virtua-West Jersey Hospital Voorhees	1	1,309	0.8	0.8	0.6	0.0 - 1.9

Source: New Jersey numbers are derived from the **2017 NJ UB Data** using SAS Software, Version 2019. The national numbers come from AHRQ's Benchmark Data Tables derived from analysis of the 2012 HCUP - State Inpatient Database (SID) using SAS Software, Version 5.0.

* = Statistically significantly below state average (i.e. better than average), ** = Statistically significantly above state average (i.e. worse than average).

^ = Rates are based on denominators less than 30 and should be taken with caution.

Δ: Expected rate is the rate the hospital would have if it had the same case-mix (e.g., age, gender, DRG, and comorbidity categories) as the reference or statewide population. If the observed rate is higher than the expected rate (i.e., the ratio of observed to expected is greater than 1.0), it suggests that the hospital performed worse than the reference population on that indicator.

Table 8. Unrecognized Abdominopelvic Accidental Puncture or Laceration (per 1,000 medical and surgical discharges)

Hospital	# of cases	# of discharges	Obs. rate	Exp. Rate Δ	Risk-adjusted rate	95% Confidence interval
Statewide	99	126,579	0.8	0.9	0.9	0.7 - 1.1
Atlantic City Medical Center-City Campus	0	1,656	0.0	0.9	0.0	0.0 - 1.7
Atlantic City Medical Center-Mainland Campus	2	1,564	1.3	0.7	1.9	0.0 - 3.8
Bayshore Medical Center	0	1,527	0.0	0.6	0.0	0.0 - 2.1
Bergen Regional Medical Center	0	92	0.0	1.0	0.0	0.0 - 6.9
Cape Regional Medical Center Inc	0	999	0.0	0.8	0.0	0.0 - 2.3
Capital Health Medical Center - Hopewell	1	1,297	0.8	1.1	0.7	0.0 - 2.5
Capital Health Regional Medical Center - Fuld	1	824	1.2	0.8	1.5	0.0 - 4.0
Carepoint Health - Bayonne Medical Center	0	796	0.0	0.7	0.0	0.0 - 2.7
Carepoint Health - Christ Hospital	1	1,158	0.9	0.7	1.2	0.0 - 3.5
Carepoint Health - Hoboken University Medical Center	1	518	1.9	0.7	2.9	0.0 - 6.3
CentraState Medical Center	1	2,257	0.4	0.9	0.5	0.0 - 2.0
Chilton Memorial Center	1	1,364	0.7	0.8	1.0	0.0 - 3.0
Clara Maass Medical Center	0	2,164	0.0	0.8	0.0	0.0 - 1.6
Community Medical Center	2	3,218	0.6	0.9	0.7	0.0 - 2.0
Cooper Hospital/University Medical Center	3	5,157	0.6	1.3	0.5	0.0 - 1.2
Deborah Heart and Lung Center	0	224	0.0	1.2	0.0	0.0 - 4.0
East Orange General Hospital	0	548	0.0	0.7	0.0	0.0 - 3.2
Englewood Hospital and Medical Center	2	2,533	0.8	1.0	0.8	0.0 - 2.1
Hackensack Meridian Health Pascack Valley MC	1	494	2.0	0.9	2.3	0.0 - 5.3
Hackensack University Medical Center	11	5,865	1.9	1.0	2.0 **	1.2 - 2.9
HackensackUMC - Mountainside	0	2,316	0.0	0.7	0.0	0.0 - 1.6
Hackettstown Medical Center	1	476	2.1	0.7	3.2	0.0 - 6.8
Holy Name Medical Center	2	2,194	0.9	1.0	1.0	0.0 - 2.4
Hudson Regional Hospital	1	284	3.5	0.8	4.7	0.3 - 9.0
Hunterdon Medical Center	2	987	2.0	0.8	2.7	0.3 - 5.0
Inspira Medical Center - Elmer	0	298	0.0	0.8	0.0	0.0 - 4.2
Inspira Medical Center - Woodbury	2	1,248	1.6	0.9	1.9	0.0 - 3.9
Inspira Medical Centers, Inc	6	2,476	2.4	0.8	3.2 **	1.8 - 4.7
Jefferson Cherry Hill Hospital	0	659	0.0	0.7	0.0	0.0 - 3.1
Jefferson Stratford Hospital	0	1,181	0.0	0.5	0.0	0.0 - 2.7
Jefferson Washington Township Hospital	4	1,891	2.1	0.9	2.4	0.9 - 4.0
Jersey City Medical Center	0	1,644	0.0	0.8	0.0	0.0 - 1.8
Jersey Shore University Medical Center	3	3,215	0.9	1.1	0.9	0.0 - 2.0
JFK Medical CTR - Anthony M. Yelencis Community	1	2,781	0.4	0.8	0.5	0.0 - 1.9
Lourdes Medical Center of Burlington Cty.	1	722	1.4	0.8	1.8	0.0 - 4.5
Monmouth Medical Center	1	1,854	0.5	1.0	0.6	0.0 - 2.1
Monmouth Medical Center - Southern Campus	1	497	2.0	0.6	3.5	0.0 - 7.3
Morristown Medical Center	1	5,774	0.2	1.2	0.2	0.0 - 0.9
Newark Beth Israel Medical Center	0	2,111	0.0	0.9	0.0	0.0 - 1.5
Newton Medical Center	0	1,209	0.0	0.9	0.0	0.0 - 2.0
Ocean Medical Center - Brick Division	0	2,325	0.0	0.9	0.0	0.0 - 1.4
Our Lady of Lourdes Medical Center	1	2,338	0.4	0.7	0.6	0.0 - 2.2

Table 8. Unrecognized Abdominopelvic Accidental Puncture or Laceration (per 1,000 medical and surgical discharges)

Hospital	# of cases	# of discharges	Obs. rate	Exp. Rate Δ	Risk-adjusted rate	95% Confidence interval
Statewide	99	126,579	0.8	0.9	0.9	0.7 - 1.1
Overlook Medical Center	3	4,310	0.7	1.0	0.7	0.0 - 1.7
Palisades Medical Center	0	1,298	0.0	0.7	0.0	0.0 - 2.2
Penn Medicine Princeton Medical Center	2	1,821	1.1	0.8	1.4	0.0 - 3.1
Raritan Bay Medical Center-Old Bridge	1	868	1.2	0.7	1.8	0.0 - 4.6
Raritan Bay Medical Center-Perth Amboy	0	770	0.0	0.7	0.0	0.0 - 2.8
Riverview Medical Center	0	1,575	0.0	1.1	0.0	0.0 - 1.6
RWJ University Hospital	7	5,335	1.3	1.0	1.3	0.5 - 2.2
RWJ University Hospital at Hamilton	1	1,374	0.7	0.9	0.9	0.0 - 2.7
RWJ University Hospital at Rahway	0	834	0.0	0.8	0.0	0.0 - 2.6
RWJ University Hospital Somerset	1	2,069	0.5	0.8	0.7	0.0 - 2.3
Saint Clare's Hospital	0	521	0.0	0.8	0.0	0.0 - 3.2
Saint Clare's Hospital/Denville Campus	0	1,057	0.0	1.3	0.0	0.0 - 1.7
Saint Michael's Medical Center	0	942	0.0	1.0	0.0	0.0 - 2.1
Saint Peter's University Hospital	6	2,053	2.9	0.9	3.3	1.8 - 4.7
Shore Medical Center	0	1,397	0.0	0.7	0.0	0.0 - 2.1
Southern Ocean Medical Center	1	1,710	0.6	0.8	0.8	0.0 - 2.6
St. Barnabas Medical Center	2	5,180	0.4	1.0	0.4	0.0 - 1.3
St. Francis Medical Center-Trenton	2	528	3.8	0.7	5.4 **	2.1 - 8.7
St. Joseph's Hospital and Medical Center	4	3,453	1.2	0.8	1.5	0.3 - 2.8
St. Joseph's Wayne	0	879	0.0	0.7	0.0	0.0 - 2.6
St. Lukes's Warren Hospital	0	754	0.0	0.9	0.0	0.0 - 2.5
St. Mary's General Hospital	0	1,123	0.0	1.0	0.0	0.0 - 2.0
The Memorial Hospital of Salem County	0	363	0.0	0.5	0.0	0.0 - 4.7
Trinitas Hospital	0	1,512	0.0	0.7	0.0	0.0 - 2.0
University Hospital	4	2,248	1.8	0.9	2.1	0.6 - 3.5
Valley Hospital	6	2,881	2.1	1.1	1.9	0.8 - 3.1
Virtua-Memorial Hospital Burlington Cty.	4	2,759	1.4	0.8	1.9	0.5 - 3.3
Virtua-West Jersey Hospital Marlton	0	1,335	0.0	0.7	0.0	0.0 - 2.1
Virtua-West Jersey Hospital Voorhees	1	2,895	0.3	1.0	0.4	0.0 - 1.5

Source: New Jersey numbers are derived from the **2017 NJ UB Data** using SAS Software, Version2019. The national numbers come from AHRQ's Benchmark Data Tables derived from analysis of the 2012 HCUP - State Inpatient Database (SID) using SAS Software, Version 5.0.

* = Statistically significantly below state average (i.e. better than average), ** = Statistically significantly above state average (i.e. worse than average).

Δ : Expected rate is the rate the hospital would have if it had the same case-mix (e.g., age, gender, DRG, and comorbidity categories) as the reference or statewide population. If the observed rate is higher than the expected rate (i.e., the ratio of observed to expected is greater than 1.0), it suggests that the hospital performed worse than the reference population on that indicator.

Table 9. Birth Trauma - Injury to Neonate (per 1,000 livebirths)

Hospital	# of cases	# of livebirths	Observed rate
Statewide	206	94,005	2.2
Atlantic City Medical Center-City Campus	.	.	.
Atlantic City Medical Center-Mainland Campus	4	1,568	2.6
Bayshore Medical Center	.	.	.
Bergen Regional Medical Center	.	.	.
Cape Regional Medical Center Inc	0	361	0.0
Capital Health Medical Center - Hopewell	5	3,207	1.6
Capital Health Regional Medical Center - Fuld	.	.	.
Carepoint Health - Bayonne Medical Center	.	.	.
Carepoint Health - Christ Hospital	2	650	3.1
Carepoint Health - Hoboken University Medical Center	5	1,045	4.8
CentraState Medical Center	0	951	0.0
Chilton Memorial Center	0	634	0.0
Clara Maass Medical Center	5	1,515	3.3
Community Medical Center	4	2,064	1.9
Cooper Hospital/University Medical Center	1	1,868	0.5
Deborah Heart and Lung Center	.	.	.
East Orange General Hospital	.	.	.
Englewood Hospital and Medical Center	6	2,651	2.3
Hackensack Meridian Health Pascack Valley MC	4	652	6.1
Hackensack University Medical Center	12	5,595	2.1
HackensackUMC - Mountainside	2	771	2.6
Hackettstown Medical Center	.	.	.
Holy Name Medical Center	2	1,159	1.7
Hudson Regional Hospital	0	105	0.0
Hunterdon Medical Center	8	888	9.0
Inspira Medical Center - Elmer	1	273	3.7
Inspira Medical Center - Woodbury	10	899	11.1
Inspira Medical Centers, Inc	19	1,753	10.8
Jefferson Cherry Hill Hospital	.	.	.
Jefferson Stratford Hospital	.	.	.
Jefferson Washington Township Hospital	5	955	5.2
Jersey City Medical Center	2	2,032	1.0
Jersey Shore University Medical Center	3	2,204	1.4
JFK Medical CTR - Anthony M. Yelencis Community	2	2,212	0.9
Lourdes Medical Center of Burlington Cty.	.	.	.
Monmouth Medical Center	10	5,241	1.9
Monmouth Medical Center - Southern Campus	.	.	.
Morristown Medical Center	6	4,553	1.3
Newark Beth Israel Medical Center	6	2,880	2.1
Newton Medical Center	1	620	1.6
Ocean Medical Center - Brick Division	4	845	4.7
Our Lady of Lourdes Medical Center	3	915	3.3
Overlook Medical Center	11	2,696	4.1
Palisades Medical Center	2	1,277	1.6
Penn Medicine Princeton Medical Center	4	2,183	1.8
Raritan Bay Medical Center-Old Bridge	.	.	.

Table 9. Birth Trauma - Injury to Neonate (per 1,000 livebirths)

Hospital	# of cases	# of livebirths	Observed rate
Statewide	206	94,005	2.2
Raritan Bay Medical Center-Perth Amboy	3	1,055	2.8
Riverview Medical Center	2	1,340	1.5
RWJ University Hospital	10	2,466	4.1
RWJ University Hospital at Hamilton	.	.	.
RWJ University Hospital at Rahway	.	.	.
RWJ University Hospital Somerset	1	808	1.2
Saint Clare's Hospital	.	.	.
Saint Clare's Hospital/Denville Campus	2	1,182	1.7
Saint Michael's Medical Center	.	.	.
Saint Peter's University Hospital	6	5,295	1.1
Shore Medical Center	1	1,069	0.9
Southern Ocean Medical Center	1	349	2.9
St. Barnabas Medical Center	12	5,647	2.1
St. Francis Medical Center-Trenton	.	.	.
St. Joseph's Hospital and Medical Center	4	3,372	1.2
St. Joseph's Wayne	.	.	.
St. Lukes's Warren Hospital	.	.	.
St. Mary's General Hospital	0	658	0.0
The Memorial Hospital of Salem County	.	.	.
Trinitas Hospital	3	1,637	1.8
University Hospital	0	1,269	0.0
Valley Hospital	2	3,181	0.6
Virtua-Memorial Hospital Burlington Cty.	2	2,245	0.9
Virtua-West Jersey Hospital Marlton	.	.	.
Virtua-West Jersey Hospital Voorhees	8	5,395	1.5

Source: New Jersey numbers are derived from the **2017 UB Data** using SAS Software, Version 2019. The national numbers come from AHRQ's Benchmark Data Tables derived from analysis of the 2012 HCUP - State Inpatient Database (SID) using SAS Software, Version 5.0.

Missing (.) indicates that the hospital did not perform the procedure during the year in question.

Note that this indicator is measured using observed rate only. Risk-adjustment is no more made on this indicator.

Newborn or livebirth is defined as any neonate with either 1) an ICD-10-CM diagnosis code for an in-hospital live-born birth or 2) an admission type of newborn (ATYPE=4), age in days at admission equaling zero, and not an ICD-10-CM diagnosis code for an out-of-hospital birth. A neonate is defined as any discharge with age in days at admission between zero and 28 days (inclusive). If age in days is missing, then a neonate is defined as any DRG in MDC 15, an admission type of newborn (ATYPE=4), or an ICD-10-CM diagnosis code for an in-hospital live-born birth.)

Birth trauma injuries per 1,000 newborns (as a quality indicator) excludes preterm infants with a birth weight less than 2,000 grams, and cases with osteogenesis imperfecta. It excludes cases: • with any listed ICD-10-CM diagnosis codes for preterm infant with a birth weight less than 2,000 grams (PRETEID*) • with any listed ICD-10-CM diagnosis codes for osteogenesis imperfecta (OSTEOID*) • with missing gender (SEX=missing), age (AGE=missing), quarter (DQTR=missing), year (YEAR=missing), or principal diagnosis (DX1=missing)

Table 10. Obstetric trauma - vaginal delivery with instrument (per 1,000 instrument-assisted vaginal deliveries)

Hospital	# of cases	# of discharges	Obs. rate
Statewide	429	3,922	109.4
Atlantic City Medical Center-City Campus	.	.	.
Atlantic City Medical Center-Mainland Campus	2	35	57.1
Bayshore Medical Center	.	.	.
Bergen Regional Medical Center	.	.	.
Cape Regional Medical Center Inc	1	14	71.4 ^
Capital Health Medical Center - Hopewell	12	124	96.8
Capital Health Regional Medical Center - Fuld	.	.	.
Carepoint Health - Bayonne Medical Center	.	.	.
Carepoint Health - Christ Hospital	2	23	87.0 ^
Carepoint Health - Hoboken University Medical Center	0	6	0.0 ^
CentraState Medical Center	1	11	90.9 ^
Chilton Memorial Center	5	48	104.2
Clara Maass Medical Center	1	54	18.5
Community Medical Center	13	107	121.5
Cooper Hospital/University Medical Center	2	61	32.8
Deborah Heart and Lung Center	.	.	.
East Orange General Hospital	.	.	.
Englewood Hospital and Medical Center	14	164	85.4
Hackensack Meridian Health Pascack Valley MC	8	77	103.9
Hackensack University Medical Center	26	358	72.6
HackensackUMC - Mountainside	7	31	225.8
Hackettstown Medical Center	.	.	.
Holy Name Medical Center	10	55	181.8
Hudson Regional Hospital	0	2	0.0 @
Hunterdon Medical Center	4	34	117.7
Inspira Medical Center - Elmer	1	5	200.0 ^
Inspira Medical Center - Woodbury	2	32	62.5
Inspira Medical Centers, Inc	5	37	135.1
Jefferson Cherry Hill Hospital	.	.	.
Jefferson Stratford Hospital	.	.	.
Jefferson Washington Township Hospital	4	39	102.6
Jersey City Medical Center	4	49	81.6
Jersey Shore University Medical Center	9	126	71.4
JFK Medical CTR - Anthony M. Yelencis Community	3	77	39.0
Lourdes Medical Center of Burlington Cty.	.	.	.
Monmouth Medical Center	22	273	80.6
Monmouth Medical Center - Southern Campus	.	.	.
Morristown Medical Center	37	255	145.1
Newark Beth Israel Medical Center	10	61	163.9
Newton Medical Center	1	34	29.4

Table 10. Obstetric trauma - vaginal delivery with instrument (per 1,000 instrument-assisted vaginal deliveries)

Hospital	# of cases	# of discharges	Obs. rate
Statewide	429	3,922	109.4
Ocean Medical Center - Brick Division	0	14	0.0 ^
Our Lady of Lourdes Medical Center	5	40	125.0
Overlook Medical Center	5	103	48.5
Palisades Medical Center	5	29	172.4 ^
Penn Medicine Princeton Medical Center	14	106	132.1
Raritan Bay Medical Center - Old Bridge	.	.	.
Raritan Bay Medical Center - Perth Amboy	6	57	105.3
Riverview Medical Center	6	69	87.0
RWJ University Hospital	9	67	134.3
RWJ University Hospital at Hamilton	.	.	.
RWJ University Hospital at Rahway	.	.	.
RWJ University Hospital Somerset	9	53	169.8
Saint Clare's Hospital	.	.	.
Saint Clare's Hospital/Denville Campus	7	33	212.1
Saint Michael's Medical Center	.	.	.
Saint Peter's University Hospital	24	195	123.1
Shore Medical Center	0	7	0.0 ^
Southern Ocean Medical Center	1	18	55.6 ^
St. Barnabas Medical Center	61	327	186.5
St. Francis Medical Center-Trenton	.	.	.
St. Joseph's Hospital and Medical Center	3	72	41.7
St. Joseph's Wayne	.	.	.
St. Lukes's Warren Hospital	.	.	.
St. Mary's General Hospital	0	2	0.0 @
The Memorial Hospital of Salem County	.	.	.
Trinitas Hospital	7	70	100.0
University Hospital	5	59	84.8
Valley Hospital	12	136	88.2
Virtua-Memorial Hospital Burlington Cty.	2	83	24.1
Virtua-West Jersey Hospital Marlton	.	.	.
Virtua-West Jersey Hospital Voorhees	42	190	221.1

Source: New Jersey numbers are derived from the **2017 UB Data** using the AHRQ SAS Software, Version 2019. The national numbers come from AHRQ's Benchmark Data Tables derived from analysis of the 2016 HCUP - State Inpatient Database (SID) using the same Version.

^ = Rate is based on a denominator less than 30, and should be taken with caution. @ = Could be an error.

Missing (.) indicates that the hospital did not perform the procedure during the year in question.

Note that this indicator is measured using observed rate only. Risk-adjustment is no more made on this indicator because materially important risk factors (e.g., whether the mother is nulliparous or multiparous or the size of the infant) are not available in the Healthcare Cost and Utilization Project (HCUP) State Inpatient Database (SID), which is used for standardization in the AHRQ modules.

Table 11. Obstetric trauma - vaginal deliveries without instrument (per 1,000 vaginal delivery discharges)

Hospital	# of cases	# of discharges	Observed rate
Statewide	843	57,644	14.6
Atlantic City Medical Center-City Campus	.	.	.
Atlantic City Medical Center-Mainland Campus	4	1,108	3.6
Bayshore Medical Center	.	.	.
Bergen Regional Medical Center	.	.	.
Cape Regional Medical Center Inc	1	214	4.7
Capital Health Medical Center - Hopewell	27	2,117	12.8
Capital Health Regional Medical Center - Fuld	.	.	.
Carepoint Health - Bayonne Medical Center	.	.	.
Carepoint Health - Christ Hospital	1	363	2.8
Carepoint Health - Hoboken University Medical Center	16	633	25.3
CentraState Medical Center	7	543	12.9
Chilton Memorial Center	4	383	10.4
Clara Maass Medical Center	7	847	8.3
Community Medical Center	11	1,315	8.4
Cooper Hospital/University Medical Center	9	1,430	6.3
Deborah Heart and Lung Center	.	.	.
East Orange General Hospital	.	.	.
Englewood Hospital and Medical Center	39	1,622	24.0
Hackensack Meridian Health Pascack Valley MC	6	541	11.1
Hackensack University Medical Center	41	2,801	14.6
HackensackUMC - Mountainside	15	481	31.2
Hackettstown Medical Center	.	.	.
Holy Name Medical Center	18	656	27.4
Hudson Regional Hospital	0	41	0.0
Hunterdon Medical Center	5	586	8.5
Inspira Medical Center - Elmer	4	196	20.4
Inspira Medical Center - Woodbury	10	584	17.1
Inspira Medical Centers, Inc	9	1,124	8.0
Jefferson Cherry Hill Hospital	.	.	.
Jefferson Stratford Hospital	.	.	.
Jefferson Washington Township Hospital	9	579	15.5
Jersey City Medical Center	26	1,122	23.2
Jersey Shore University Medical Center	11	1,347	8.2
JFK Medical CTR - Anthony M. Yelencis Community	7	1,309	5.3
Lourdes Medical Center of Burlington Cty.	.	.	.
Monmouth Medical Center	39	4,075	9.6
Monmouth Medical Center - Southern Campus	.	.	.
Morristown Medical Center	37	2,758	13.4
Newark Beth Israel Medical Center	26	1,717	15.1
Newton Medical Center	9	376	23.9
Ocean Medical Center - Brick Division	5	597	8.4
Our Lady of Lourdes Medical Center	8	604	13.2

Table 11. Obstetric trauma - vaginal deliveries without instrument (per 1,000 vaginal delivery discharges)

Hospital	# of cases	# of discharges	Observed rate
Statewide	843	57,644	14.6
Overlook Medical Center	14	1,671	8.4
Palisades Medical Center	17	804	21.1
Penn Medicine Princeton Medical Center	30	1,265	23.7
Raritan Bay Medical Center-Old Bridge	.	.	.
Raritan Bay Medical Center-Perth Amboy	4	626	6.4
Riverview Medical Center	14	689	20.3
RWJ University Hospital	24	1,541	15.6
RWJ University Hospital at Hamilton	.	.	.
RWJ University Hospital at Rahway	.	.	.
RWJ University Hospital Somerset	9	456	19.7
Saint Clare's Hospital	.	.	.
Saint Clare's Hospital/Denville Campus	10	682	14.7
Saint Peter's University Hospital	.	.	.
Saint Peter's University Hospital	60	3,233	18.6
Shore Medical Center	10	602	16.6
Southern Ocean Medical Center	5	193	25.9
St. Barnabas Medical Center	91	3,085	29.5
St. Francis Medical Center-Trenton	.	.	.
St. Joseph's Hospital and Medical Center	13	1,804	7.2
St. Joseph's Wayne	.	.	.
St. Lukes's Warren Hospital	.	.	.
St. Mary's General Hospital	1	336	3.0
The Memorial Hospital of Salem County	.	.	.
Trinitas Hospital	15	1,080	13.9
University Hospital	9	884	10.2
Valley Hospital	39	1,714	22.8
Virtua-Memorial Hospital Burlington Cty.	22	1,376	16.0
Virtua-West Jersey Hospital Marlton	.	.	.
Virtua-West Jersey Hospital Voorhees	45	3,534	12.7

Source: New Jersey numbers are derived from the **2017 NJ UB Data** using the AHRQ SAS Software, Version 2019. The national numbers come from AHRQ's Benchmark Data Tables derived from analysis of the 2016 HCUP - State Inpatient Database (SID) using the same Version.

^ = Rate is based on a denominator less than 30, and should be taken with caution.

Missing (.) indicates that the hospital did not perform the procedure during the year in question.

Note that this indicator is measured using observed rate only. Risk-adjustment is no more made on this indicator because materially important risk factors (e.g., whether the mother is nulliparous or multiparous or the size of the infant) are not available in the Healthcare Cost and Utilization Project (HCUP) State Inpatient Database (SID), which is used for standardization in the AHRQ modules.

**Table 12. Comparing New Jersey's Statewide PSI Rates with National Rates
(per 1,000 medical and/or surgical discharges)**

Patient Safety Indicators (PSIs)	National 2016	New Jersey 2017
Retained Surgical Item or Unretrieved Device Fragment	694	16
Iatrogenic Pneumothorax	0.21	0.17
In Hospital Fall with Hip Fracture	0.08	0.06
Perioperative Hemorrhage or Hematoma	2.29	2.12
Perioperative Pulmonary Embolism or Deep Vein Thrombosis	3.45	4.05
Postoperative Sepsis	4.05	3.73
Postoperative Wound Dehiscence	0.69	0.58
Unrecognized Abdominopelvic Accidental Puncture/Laceration	1.06	0.90
Transfusion Reaction Ω	-	-
Birth Trauma - Injury to Neonate	4.63	2.19
Obstetric Trauma - Vaginal Delivery with Instrument	109.90	109.38
Obstetric Trauma - Vaginal Delivery without Instrument	17.30	14.62

National rates are from AHRQ's Comparative Benchmark Data for PSIs based on the 2016 Nationwide Inpatient Sample, computed using the AHRQ SAS Software, Version 2019 while New Jersey's rates are derived from its **2017 NJ UB Data** using the same Version.

Ω : Indicator no more used as quality measure. AHRQ has decided to retire this PSI measure in its latest Version which is based on the ICD-10-CMS

Note: Comparison is made for those that are measured using rates.