

Knee Arthroplasty Surgical Site Infections, 2015

Hospital Name	Procedure Count	Observed # of Knee Arthroplasty Infections (O)	Expected # of Knee Arthroplasty Infections (E)a	SIRb	p-value	95% Confidence Interval	National Comparison‡
AtlantiCare Regional Medical Center-Mainland Campus	1353	5	9.159	0.546	0.156	(0.200, 1.210)	S
Bayshore Community Hospital	50	0	0.255	---	---	---	---
Bergen Regional Medical Center	2	0	0.028	---	---	---	---
Cape Regional Medical Center	102	1	0.43	---	---	---	---
Capital Health Medical Center - Hopewell	252	2	1.874	1.067	0.848	(0.179, 3.526)	S
Capital Health Regional Medical Center (RMC)	17	0	0.201	---	---	---	---
CarePoint Health-Bayonne Medical Center	12	1	0.146	---	---	---	---
CarePoint Health-Christ Hospital	26	0	0.192	---	---	---	---
CarePoint Health-Hoboken University Medical Center	67	4	0.673	---	---	---	---
Centrastate Medical Center	200	0	1.177	0	0.308	(---, 2.545)	S
Chilton Medical Center	287	0	1.703	0	0.182	(---, 1.759)	S
Clara Maass Medical Center	191	0	1.411	0	0.244	(---, 2.123)	S
Community Medical Center	350	3	2.366	1.268	0.636	(0.322, 3.450)	S
Cooper Hospital University	200	2	1.681	1.19	0.739	(0.199, 3.931)	S
East Orange General Hospital	11	0	0.102	---	---	---	---
Englewood Hospital and Medical Center	192	0	1.081	0	0.339	(---, 2.772)	S
Hackensack Meridian Health Pascack Valley	92	0	0.459	---	---	---	---
Hackensack UMC Mountainside	83	1	0.681	---	---	---	---
Hackensack University Medical Center	1267	6	8.601	0.698	0.388	(0.283, 1.451)	S
Hackettstown Regional Medical Center	74	0	0.299	---	---	---	---
Holy Name Medical Center	369	0	3.056	0	0.047	(---, 0.980)	L
Hudson Regional Medical Center	18	0	0.123	---	---	---	---
Hunterdon Medical Center	231	0	1.545	0	0.213	(---, 1.939)	S
Inspira Medical Center Elmer	129	0	0.58	---	---	---	---
Inspira Medical Center Woodbury	164	2	1.228	1.629	0.474	(0.273, 5.382)	S
Inspira Medical Centers, Inc.	216	2	1.983	1.009	0.908	(0.169, 3.333)	S
J.F.K. Medical Center-Anthony M. Yelencis Community	217	2	1.574	1.271	0.676	(0.213, 4.199)	S
Jefferson Cherry Hill Hospital	73	2	0.472	---	---	---	---
Jefferson Stratford Hospital	15	0	0.149	---	---	---	---
Jefferson Washington Township Hospital	498	4	2.995	1.336	0.536	(0.424, 3.222)	S

Jersey City Medical Center	131	0	1.273	0	0.28	(---, 2.353)	S
Jersey Shore University Medical Center	288	2	2.355	0.849	0.9	(0.142, 2.806)	S
Lourdes Medical Center Burlington County	54	0	0.289	---	---	---	---
Monmouth Medical Center	351	0	3.325	0	0.036	(---, 0.901)	L
Monmouth Medical Center Southern Campus	17	1	0.095	---	---	---	---
Morristown Medical Center	1283	3	7.222	0.415	0.096	(0.106, 1.131)	S
Newark Beth Israel Medical Center	63	1	0.411	---	---	---	---
Newton Medical Center	128	0	0.616	---	---	---	---
Ocean Medical Center	524	1	3.452	0.29	0.173	(0.014, 1.429)	S
Our Lady of Lourdes Medical Center	31	0	0.227	---	---	---	---
Overlook Medical Center	503	1	3.016	0.332	0.246	(0.017, 1.635)	S
Palisades Medical Center	31	0	0.188	---	---	---	---
Penn Medicine Princeton Medical Center	568	1	3.712	0.269	0.14	(0.013, 1.329)	S
Raritan Bay Medical Center-Old Bridge	40	0	0.231	---	---	---	---
Raritan Bay Medical Center-Perth Amboy	13	0	0.125	---	---	---	---
Riverview Medical Center	391	0	2.637	0	0.072	(---, 1.136)	S
Robert Wood Johnson University Hospital	304	1	2.114	0.473	0.497	(0.024, 2.333)	S
Robert Wood Johnson University Hospital at Rahway	66	0	0.378	---	---	---	---
Robert Wood Johnson University Hospital Hamilton	385	0	2.08	0	0.125	(---, 1.440)	S
Robert Wood Johnson University Hospital Somerset	195	1	1.313	0.761	0.891	(0.038, 3.755)	S
Saint Clare's Hospital Dover	18	0	0.109	---	---	---	---
Saint Clare's Hospital/Denville	182	0	1.16	0	0.314	(---, 2.583)	S
Saint Michael's Medical Center	26	0	0.228	---	---	---	---
Saint Peter's University Hospital	194	2	1.257	1.591	0.491	(0.267, 5.257)	S
Shore Medical Center	352	0	1.834	0	0.16	(---, 1.633)	S
Southern Ocean Medical Center	81	0	0.4	---	---	---	---
St. Barnabas Medical Center	275	1	1.951	0.513	0.562	(0.026, 2.528)	S
St. Francis Medical Center	39	0	0.289	---	---	---	---
St. Joseph's University Medical Center	141	0	0.993	---	---	---	---
St. Joseph's Wayne Medical Center	68	0	0.36	---	---	---	---
St. Luke's Warren Hospital	70	1	0.39	---	---	---	---
St. Mary's General Hospital	18	1	0.104	---	---	---	---
The Memorial Hospital of Salem County	21	0	0.139	---	---	---	---
The Valley Hospital	470	0	2.393	0	0.091	(---, 1.252)	S
Trinitas Regional Medical Center	60	0	0.62	---	---	---	---
University Hospital	39	1	0.496	---	---	---	---

Virtua Memorial Hospital of Burlington County	79	0	0.502	---	---	---	---
Virtua-West Jersey Hospital-Marlton	516	5	2.589	1.931	0.169	(0.708, 4.280)	S
Virtua-West Jersey Hospital-Voorhees	1527	4	6.827	0.586	0.281	(0.186, 1.413)	S
Statewide	16300	64	103.918	0.616	0	(0.478, 0.781)	L

*No Knee Arthroplasty procedures in 2015 for Deborah and Atlanticare Regional Medical Center-City

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

^a Expected (E)= # of infections predicted using the model fitted from the NHSN data from 2006-2008 which serves as the baseline for future reports.

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. 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.