

Table 4.9: Number of Inpatient Arthroplasty Procedures by Type, by Sex, United States, 2010/2011

	Male		Female		All Persons	% of Total Procedures (column %)	
	Number of Procedures on Males	% of Total Procedures on Males	Number of Procedures on Females	% of Total Procedures on Females	Total Number of Procedures	All Joint Replacement Procedures [8]	All Medical Procedures Performed on Hospital Discharge Patients
National Hospital Discharge Survey, 2010							
All Hip Replacement Procedures [1]	221,974	36.9%	290,579	63.1%	512,553	37.4%	1.3%
Total Hip Replacement	149,868	46.0%	176,268	54.0%	326,136	23.8%	0.8%
Partial Hip Replacement [2]	46,755	34.7%	88,079	65.3%	134,834	9.8%	0.3%
Revision Hip Replacement	22,276	46.9%	25,229	53.1%	47,505	3.5%	0.1%
All Knee Replacement Procedures [3]	279,393	36.9%	477,906	63.1%	757,299	55.3%	1.9%
Total Knee Replacement	261,584	37.7%	431,836	62.3%	693,420	50.6%	1.8%
Revision Knee Replacement	19,005	29.2%	46,172	70.8%	65,177	4.8%	0.2%
All Shoulder Replacement Procedures [4]	31,923	42.2%	43,803	57.8%	75,726	5.5%	0.2%
All Other Joint Replacement Procedures [5]	8,428	34.2%	16,222	65.8%	24,650	1.8%	< 0.1%
All Joint Replacement Procedures [6]	541,718	39.5%	828,510	60.5%	1,370,228	100.0%	3.5%

Source: National Hospital Discharge Survey (NHDS), 2010. www.cdc.gov/nchs/nhds/nhds_questionnaires.htm April 23, 2013.

National Inpatient Sample, 2011

All Hip Replacement Procedures [1]	190,663	40.9%	274,943	59.1%	465,606	37.0%	1.2%
Total Hip Replacement	135,018	44.2%	170,756	55.8%	305,774	24.3%	0.8%
Partial Hip Replacement [2]	30,487	28.9%	74,975	71.1%	105,462	8.4%	0.3%
Revision Hip Replacement	21,521	42.6%	29,004	57.4%	50,525	4.0%	0.1%
All Knee Replacement Procedures [3]	267,476	37.9%	438,173	62.1%	705,649	56.1%	1.8%
Total Knee Replacement	241,892	37.6%	401,840	62.4%	643,732	51.2%	1.7%
Revision Knee Replacement	25,878	41.4%	36,682	58.6%	62,560	5.0%	0.2%
All Shoulder Replacement Procedures [4]	28,240	42.2%	38,755	57.8%	66,995	5.3%	0.2%
All Other Joint Replacement Procedures [5]	8,973	46.4%	10,380	53.6%	19,353	1.5%	< 0.1%
All Joint Replacement Procedures [6]	495,352	39.4%	762,251	60.6%	1,257,603		3.3%

Source: HCUP Nationwide Inpatient Sample (NIS). Healthcare Cost and Utilization Project (HCUP). 2011. Agency for Healthcare Research and Quality, Rockville, MD. www.hcup-us.ahrq.gov/nisoverview.jsp

[1] Includes ICD-9-CM procedure codes for total, partial, revision, and hip repair procedures.

[2] An unknown error in the partial hip replacement data occurred in the NHDS 2010 data file. A correction for total partial hip cases was made by excluding cases with diagnosis of spine (720 724, 737, 756, 805, 806).

[3] Includes ICD-9-CM procedure codes for total, revision, and knee repair procedures.

[4] Includes ICD-9-CM procedure codes for primary and revision shoulder arthroplasty.

[5] Includes ICD-9-CM procedure codes spine, finger, wrist, hand, elbow, toe, foot, ankle, and lower extremity.

[6] Includes ICD-9-CM procedure codes for all above procedures and may include cases with multiple procedures.