

Table 3A.5.2: Trends in Hip and Knee Joint Replacement Procedures, All Ages, in the United States, 1992-2013

<u>Description</u>	<u>ICD-9 CM Code</u>	<u>Joint Replacement Procedures (in 000s)</u>									
		<u>1992</u>	<u>1994</u>	<u>1996</u>	<u>1998</u>	<u>2000</u>	<u>2002</u>	<u>2004</u>	<u>2007</u>	<u>2011</u>	<u>2013</u>
All Hip Replacement Procedures											
Total Hip Replacement	81.51	139.9	148.2	157.0	166.7	176.1	187.7	227.5	252.7	306.6	343.6
Partial Hip Replacement	81.52	97.9	100.8	103.5	105.8	107.4	109.9	105.1	103.7	105.5	97.2
Revision of Hip Replacement [1,2]	81.53, 00.70, 00.71, 00.72, 00.73	28.3	29.9	31.7	33.5	35.2	37.2	37.9	164.0	50.6	50.2
Ratio Hip Revision to Primary		20.2%	20.2%	20.2%	20.1%	20.0%	19.8%	16.7%	64.9%	16.5%	14.6%
All Knee Replacement Procedures											
Total Knee Replacement	81.54	203.6	227.9	255.1	286.6	321.8	365.3	435.5	551.3	645.1	662.5
Revision of Knee Replacement [2]	81.55, 00.80, 00.81, 00.82, 00.83, 00.84	17.5	19.5	21.9	24.6	27.6	31.2	36.2	45.0	62.6	61.1
Ratio Knee Revision to Primary		8.6%	8.6%	8.6%	8.6%	8.6%	8.5%	8.3%	8.2%	9.7%	9.2%
TOTAL Hip and Knee Replacement/ Revision Procedures		487.2	526.3	569.2	617.2	668.1	731.3	842.2	999.5	1,170.4	1,214.6

[1] A significant jump in the number of hip revision procedures was found between the 2004 and the 2007 data. The increase was similar in both the NHDS and NIS data sets, indicating the increase may have occurred; however, the 2010/2011 data indicates it was an error.

[2] In 2006, additional codes were added to hip and knee revision replacement procedures to identify specific parts being revised.

Source: Source: HCUP National Inpatient Sample (NIS). Healthcare Cost and Utilization Project (HCUP). 1992-2013. Agency for Healthcare Research and Quality, Rockville, MD. www.hcup-us.ahrq.gov/nisoverview.jsp