

Table 2A.15: Trend in Hospital Discharges for Select Spine Procedures, United States, 2007, 2011, and 2013

Procedure	All Spine Procedures, 2007 [1]			All Spine Procedures, 2011 [1]			All Spine Procedures, 2013 [1]		
	<u>Number of</u>	<u>% of Total</u>	<u>% of Total Spine</u>	<u>Number of</u>	<u>% of Total</u>	<u>% of Total</u>	<u>Number of</u>	<u>% of Total</u>	<u>% of Total</u>
	<u>Discharges with</u>	<u>Select Spine</u>	<u>Patients Having</u>	<u>Discharges</u>	<u>Select Spine</u>	<u>Spine Patients</u>	<u>Discharges</u>	<u>Select Spine</u>	<u>Spine Patients</u>
	<u>Procedure</u>	<u>Procedures</u>	<u>Procedure [1]</u>	<u>with</u>	<u>Procedures</u>	<u>Having</u>	<u>with</u>	<u>Procedures</u>	<u>Having</u>
				<u>Procedure</u>		<u>Procedure [1]</u>	<u>Procedure</u>		<u>Procedure [1]</u>
Spinal fusion (cervical, lumbar, dorsal, other)	379,912	32.0%	57.3%	457,442	32.9%	61.7%	434,530	33.5%	62.7%
Spinal disectomy	332,525	28.0%	50.2%	369,883	26.6%	49.9%	316,690	24.4%	45.7%
Insertion of spinal device (Instrumentation)	224,522	18.9%	33.9%	315,393	22.7%	42.5%	287,030	22.1%	41.4%
Spinal decompression	163,385	13.8%	24.7%	174,168	12.5%	23.5%	153,550	11.8%	22.2%
Spinal refusion	21,279	1.8%	3.2%	30,889	2.2%	4.2%	30,040	2.3%	4.3%
Kyphoplasty	45,878	3.9%	6.9%	27,213	2.0%	3.7%	23,870	1.8%	3.4%
Vertebroplasty	13,646	1.1%	2.1%	10,173	0.7%	1.4%	8,025	0.6%	1.2%
Replacement spinal disc procedure	5,557	0.5%	0.8%	5,450	0.4%	0.7%	4,380	0.3%	0.6%
Epidural injection	NA			NA			40,600	3.1%	5.9%
All select spine procedures	1,186,704	100.0%	179.1%	1,390,611	100.0%	187.5%	1,298,715	100.0%	187.5%
Total spine procedure patients	662,446			741,727			692,585		

[1] Up to 15 procedures per patient are listed in the database; multiple spine procedures per patient can be coded resulting in more procedures than patients. Discharges with a spinal refusion have been removed from spinal fusions discharges.

Source: HCUP National Inpatient Sample (NIS). Healthcare Cost and Utilization Project (HCUP). 2007, 2011, 2013. Agency for Healthcare Research and Quality, Rockville, MD. www.hcup-us.ahrq.gov/nisoverview.jsp