

**Table 2.12:** Hospital Discharges for Select Spine Procedures as a Proportion of All Spine Procedures, United States, 2007 and 2011

Procedure	All Spine Procedures, 2007 [1]			All Spine Procedures, 2011 [1]		
	Number of Discharges with Procedure	% of Total Select Spine Procedures	% of Total Spine Patients Having Procedure [1]	Number of Discharges with Procedure	% of Total Select Spine Procedures	% of Total Spine Patients Having Procedure [1]
Spinal fusion (cervical, lumbar, dorsal, other)	379,912	32.0%	57.3%	457,442	32.9%	61.7%
Spinal disectomy	332,525	28.0%	50.2%	369,883	26.6%	49.9%
Insertion of spinal device (Instrumentation)	224,522	18.9%	33.9%	315,393	22.7%	42.5%
Spinal decompression	163,385	13.8%	24.7%	174,168	12.5%	23.5%
Spinal refusion	21,279	1.8%	3.2%	30,889	2.2%	4.2%
Kyphoplasty	45,878	3.9%	6.9%	27,213	2.0%	3.7%
Vertebroplasty	13,646	1.1%	2.1%	10,173	0.7%	1.4%
Replacement spinal disc procedure	5,557	0.5%	0.8%	5,450	0.4%	0.7%
All select spine procedures	1,186,704	100.0%	179.1%	1,390,611	100.0%	187.5%
Total spine procedure patients	662,446			741,727		

[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 Nationwide Inpatient Sample (NIS). Healthcare Cost and Utilization Project (HCUP). 2007/2011. Agency for Healthcare Research and Quality, Rockville, MD.

[www.hcup-us.ahrq.gov/nisoverview.jsp](http://www.hcup-us.ahrq.gov/nisoverview.jsp)