

Table 2A.14: Select Spine Procedures Performed at Major Healthcare Sites, United States, 2013

Procedure	All Spine Procedures, Hospital Discharges [1]			All Spine Procedures, Emergency Department Discharges [2]			All Spine Procedures, Outpatient Clinic Visits [3]			All Spine Procedures, Physician Office Visits [4]		
	<u>Number of</u> <u>Discharges with</u>	<u>% of Total</u> <u>Select Spine</u>	<u>% of Total Spine</u> <u>Patients Having</u>	<u>Number of</u> <u>Discharges with</u>	<u>% of Total</u> <u>Select Spine</u>	<u>% of Total Spine</u> <u>Patients Having</u>	<u>Number of</u> <u>Discharges with</u>	<u>% of Total</u> <u>Select Spine</u>	<u>% of Total Spine</u> <u>Patients Having</u>	<u>Number of</u> <u>Discharges with</u>	<u>% of Total</u> <u>Select Spine</u>	<u>% of Total Spine</u> <u>Patients Having</u>
	<u>Procedure</u>	<u>Procedures</u>	<u>Procedure [1]</u>	<u>Procedure</u>	<u>Procedures</u>	<u>Procedure [1]</u>	<u>Procedure</u>	<u>Procedures</u>	<u>Procedure [1]</u>	<u>Procedure</u>	<u>Procedures</u>	<u>Procedure [1]</u>
Spinal fusion (cervical, lumbar, dorsal, other)	434,530	33.5%	62.7%	200	1.7%	1.7%	*	*	*	*	*	*
Spinal diskectomy	316,690	24.4%	45.7%	930	7.7%	7.9%	*	*	*	*	*	*
Insertion of spinal device (Instrumentation)	287,030	22.1%	41.4%	*	*	*	*	*	*	*	*	*
Spinal decompression	153,550	11.8%	22.2%	2,450	20.4%	20.7%	*	*	*	*	*	*
Spinal refusion	30,040	2.3%	4.3%	*	*	*	*	*	*	*	*	*
Kyphoplasty	23,870	1.8%	3.4%	1,600	13.3%	13.5%	*	*	*	*	*	*
Vertebroplasty	8,025	0.6%	1.2%	440	3.7%	3.7%	*	*	*	*	*	*
Replacement spinal disc procedure	4,380	0.3%	0.6%	*	*	*	*	*	*	*	*	*
Epidural injection	40,600	3.1%	5.9%	6,390			244,120	100.0%	86.2%	3,979,270	100.0%	94.9%
All select spine procedures	1,298,715	100.0%	187.5%	12,010	46.8%	47.5%	244,120	100.0%	86.2%	3,979,270	100.0%	94.9%
Total spine procedure patients	692,585			11,820			283,200			4,194,400		

* Does not meet standard of reliability.

[1] 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

[2] Source: HCUP Nationwide Emergency Department Sample (NEDS). Healthcare Cost and Utilization Project (HCUP). 2013. Agency for Healthcare Research and Quality, Rockville, MD. www.hcup-us.ahrq.gov/nedsoverview.jsp

[3] Source: National Hospital Ambulatory Medical Care Survey_Outpatient Department (NHAMCS_OP), 2011. www.cdc.gov/nchs/ahcd/ahcd_questionnaires.htm May 23, 2016.

[4] Source: National Ambulatory Medical Care Survey (NAMCS), 2013. www.cdc.gov/nchs/ahcd/ahcd_questionnaires.htm January 14, 2016.

[5] Multiple procedures per patient are listed in the databases (NIS=25, NEDS/NHAMCS/NAMCS=9); multiple spine procedures per patient can be coded resulting in more procedures than patients.

[6] Discharges with a spinal refusion have been removed from spinal fusions discharges.