

Table 2.15: Proportion of Hospital Discharges with Back Pain Diagnoses Where Discharge Included Spinal Fusion Procedure, by Sex and Age, United States 2011

	Total Number of Spinal Diagnosis (in 000s)							Ave Age for Discharge Patients	Mean Length of Stay (in days)	Mean Charges
	Sex [4]		Age [4]							
	Total	Male	Female	18-44	45-64	65-74	75 & over			
Lumbar/Low Back Pain										
All Lumbar/Low Back Pain Diagnoses	2,528	1,090	1,436	423	915	474	701	61.8	4.8	\$ 46,200
Total Lumbar Spine Fusion Discharges [1]	263	113	114	45	117	62	31	57.8	4.0	\$ 114,700
% Diagnoses with Spinal Fusion Procedure	10.4%	10.4%	7.9%	10.6%	12.8%	13.1%	4.4%			
Cervical/Neck Pain										
All Cervical/Neck Pain Diagnoses	659	309	350	112	281	113	146	59.6	4.4	\$ 52,000
Total Cervical Spine Fusion Discharges [2]	190	93	95	38	105	31	13	54.8	3.0	\$ 75,700
% Diagnoses with Spinal Fusion Procedure	28.8%	30.1%	27.1%	34.0%	37.3%	27.4%	8.9%			
All Back Pain										
All Back Pain Diagnoses	3,186	1,367	1,816	542	1,158	579	866	61.2	4.7	\$ 47,400
Total Spine Fusion Discharges [3]	488	226	262	92	237	101	48	55.8	3.9	\$ 102,900
% Diagnoses with Spinal Fusion Procedure	15.3%	16.5%	14.4%	17.0%	20.5%	17.4%	5.5%			

[1] ICD-9-CM codes 8106, 8107, 8108, 8136, 8137, 8138

[2] ICD-9-CM codes 8102, 8103, 8132, 8133

[3] ICD-9-CM codes 8100 thru 8108; 8130 thru 8138

[4] Totals for subgroups may not equal total discharges due to missing data of sex or age.

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