

**Table 3.4.3: Average Length of Hospital Stay (LOS) and Mean Hospital Charges for Spine Fractures by Type, 2011**

Length of Stay (LOS)	Sex		Age					Mean LOS All Discharges	Number of Discharges (in 000s)	Total Hospital Days (in 000s)
	Male	Female	< 18	18 to 44	45-64	64 to 75	75 & Over			
<b>Hospital Discharges, 2011 [1]</b>										
Vertebral Compression Fractures	7.2	6.2	7.6	7.2	7.8	6.8	5.8	6.6	324.0	2,138.40
Traumatic Spinal Fractures	14.7	12.5	18.0	15.7	14.9	12.5	9.0	14.0	12.4	173.60
All Spinal Fracture/Trauma	7.6	6.3	8.6	8.0	8.0	7.0	5.9	6.8	334.3	2,273.24
<b>Inpatient Admissions from Emergency Department, 2010 [2,3]</b>										
Vertebral Compression Fractures	7.6	6.4	6.6	7.4	8.3	7.3	6.0	6.9	260.7	1,798.83
Traumatic Spinal Fractures	16.0	13.1	14.5	17.4	16.4	12.5	8.3	15.2	11.3	171.76
All Spinal Fracture/Trauma	8.1	6.5	7.2	8.3	5.6	7.0	6.0	7.2	269.9	1,935.18

  

Mean Charges (in \$000s)	Sex		Age					Mean Charges (in 000s)	Number of Discharges (in 000s)	Total Hospital Charges (in 000s)
	Male	Female	< 18	18 to 44	45-64	64 to 75	75 & Over			
<b>Hospital Discharges, 2011 [1]</b>										
Vertebral Compression Fractures	\$ 81.9	\$ 54.7	\$ 89.5	\$ 103.0	\$ 88.0	\$ 67.8	\$ 44.4	\$ 65.7	324.0	\$ 21,286.8
Traumatic Spinal Fractures	\$ 213.8	\$ 178.3	\$ 212.8	\$ 236.3	\$ 203.8	\$ 176.1	\$ 115.2	\$ 197.7	12.4	\$ 2,451.5
All Spinal Fracture/Trauma	\$ 88.4	\$ 56.2	\$ 101.2	\$ 113.4	\$ 91.9	\$ 69.9	\$ 45.3	\$ 69.5	334.3	\$ 23,233.9
<b>Inpatient Admissions from Emergency Department, 2010 [2,3]</b>										
Vertebral Compression Fractures	\$ 82.4	\$ 53.9	\$ 85.3	\$ 98.1	\$ 88.8	\$ 64.6	\$ 43.5	\$ 66.0	260.7	\$ 17,206.2
Traumatic Spinal Fractures	\$ 219.4	\$ 160.6	\$ 191.9	\$ 241.7	\$ 228.0	\$ 184.5	\$ 93.7	\$ 207.9	11.3	\$ 2,349.3
All Spinal Fracture/Trauma	\$ 90.0	\$ 55.8	\$ 93.7	\$ 110.0	\$ 94.2	\$ 67.5	\$ 44.1	\$ 70.7	269.9	\$ 19,081.9

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

[2] Approximately 1 in 6 (15.3%) of emergency department visits resulted in the patient being admitted to the ED hospital. This group of patients form a separate, and unique, database of hospital discharge patients. In the 2010 NEDS data set, this constitutes 19.7 million hospital discharges.

[3] Source: HCUP Nationwide Emergency Department Sample (NEDS). Healthcare Cost and Utilization Project (HCUP). 2010. Agency for Healthcare Research and Quality, Rockville, MD. [www.hcup-us.ahrq.gov/nedsoverview.jsp](http://www.hcup-us.ahrq.gov/nedsoverview.jsp)