

**Table 3.4.2: Average Length of Hospital Stay (LOS) and Mean Hospital Charges for Spinal Deformity Disorders Admitted as Inpatient (IP) [1] from Emergency Department, 2010**

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			
Scoliosis/Curvature of spine	5.8	5.1	6.1	5.1	5.4	5.5	5.1	5.3	98.5	517.13
Spondylolisthesis	5.1	5.2	3.4	4.6	5.6	5.1	5.1	5.2	17.4	89.78
Spinal fracture/trauma	8.1	6.5	7.2	8.3	5.6	7.0	6.0	7.2	269.9	1,935.18
Spinal infection	9.0	7.8	10.7	8.2	8.5	8.8	8.0	8.4	47.3	397.79
Complications of spinal surgery	9.5	8.8	7.7	8.9	9.7	10.4	9.5	9.1	29.3	266.63
Spondylopathies	4.9	4.4	3.2	4.0	4.6	5.1	5.0	4.7	147.7	688.28
All Spinal Deformity Disorders	7.0	5.8	6.6	6.6	6.7	6.6	5.8	6.3	586.0	3,691.80
All Inpatient Transfer Discharges	4.9	4.7	3.5	4.1	4.9	5.2	5.2	4.8	19,733.5	94,720.80
Ratio Spinal Deformity to All IP Discharges	1.43	1.23	1.89	1.61	1.37	1.27	1.12	1.31		
Proportion Spinal Deformity of Total IP Discharges									3%	4%

  

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			
Scoliosis/Curvature of spine	\$ 43.0	\$ 33.8	\$ 49.8	\$ 34.3	\$ 40.1	\$ 39.5	\$ 32.4	\$ 36.1	98.5	\$ 3,555.9
Spondylolisthesis	\$ 53.6	\$ 43.5	\$ 35.2	\$ 49.9	\$ 56.1	\$ 47.5	\$ 40.1	\$ 46.8	17.4	\$ 814.3
Spinal fracture/trauma	\$ 90.0	\$ 55.8	\$ 93.7	\$ 110.0	\$ 94.2	\$ 67.5	\$ 44.1	\$ 70.7	269.9	\$ 19,081.9
Spinal infection	\$ 66.2	\$ 54.5	\$ 82.8	\$ 55.8	\$ 64.3	\$ 64.9	\$ 52.8	\$ 60.5	47.3	\$ 2,861.7
Complications of spinal surgery	\$ 87.5	\$ 80.3	\$ 78.8	\$ 80.8	\$ 91.5	\$ 92.0	\$ 77.0	\$ 83.9	29.3	\$ 2,458.3
Spondylopathies	\$ 40.1	\$ 32.9	\$ 26.0	\$ 30.5	\$ 37.6	\$ 41.4	\$ 36.6	\$ 36.4	147.7	\$ 5,376.3
All Spinal Deformity Disorders	\$ 67.7	\$ 46.2	\$ 68.5	\$ 70.4	\$ 61.7	\$ 55.8	\$ 41.2	\$ 55.3	586.0	\$ 32,405.8
All Inpatient Transfer Discharges	\$ 36.9	\$ 32.4	\$ 22.8	\$ 28.7	\$ 37.0	\$ 39.3	\$ 35.6	\$ 34.5	19,733.5	\$ 680,805.8
Ratio Spinal Deformity to All IP Discharges	1.83	1.43	3.00	2.45	1.67	1.42	1.16	1.60		
Proportion Spinal Deformity of Total IP Discharges									3%	5%

[1] 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.

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)