

Table 3.4.4: Average Length of Hospital Stay (LOS) and Mean Hospital Charges for Spinal Infection, Post-Operative Infections, and Complications of Spinal Surgery by Sex and Age, United States, 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			
	Hospital Discharges, 2011 [1]									
Spinal Infection	9.7	8.2	12.0	8.6	9.2	9.4	8.5	9.0	91.9	827.10
Post-Operative Infection	11.8	10.4	17.2	8.5	10.4	11.7	11.8		290.0	-
Complications of Spinal Surgery	9.4	8.2	10.4	7.6	8.9	8.9	8.8	8.8	58.7	516.56
Inpatient Admissions from Emergency Department, 2010 [2,3]										
Spinal Infection	9.0	7.8	10.7	8.2	8.5	8.8	8.0	8.4	47.3	397.79
Post-Operative Infection	10.1	9.4	9.4	8.4	9.7	10.5	10.9	9.7	137.1	1,329.87
Complications of Spinal Surgery	9.5	8.8	7.7	8.9	9.7	10.4	9.5	9.1	29.3	266.63

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			
	Hospital Discharges, 2011 [1]									
Spinal Infection	\$ 82.6	\$ 68.9	\$ 91.3	\$ 68.4	\$ 81.3	\$ 83.1	\$ 63.6	\$ 76.1	91.9	\$ 6,993.6
Post-Operative Infection	\$ 95.6	\$ 81.6	\$ 144.7	\$ 70.8	\$ 85.0	\$ 98.0	\$ 92.4	\$ 88.0	290.0	\$ 25,520.0
Complications of Spinal Surgery	\$ 100.5	\$ 84.5	\$ 99.0	\$ 86.3	\$ 98.6	\$ 91.7	\$ 79.8	\$ 92.0	58.7	\$ 5,400.4
Inpatient Admissions from Emergency Department, 2010 [2,3]										
Spinal Infection	\$ 66.2	\$ 54.5	\$ 82.8	\$ 55.8	\$ 64.3	\$ 64.9	\$ 52.8	\$ 60.5	47.3	\$ 2,861.7
Post-Operative Infection	\$ 80.7	\$ 70.5	\$ 73.2	\$ 63.4	\$ 73.1	\$ 82.1	\$ 85.3	\$ 75.2	137.1	\$ 10,309.9
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

[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

[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