

Table 6A.4.1.1: Average Length of Hospital Stay (LOS) and Total Charges[1] for Injury Diagnoses by Age, United States 2011

	Age at Admission						Total
	< 18 years	18-44	45-64	65-74	75-84	85+	
Fractures							
Total Hospital Diagnoses (in 000s)	46.4	172.1	248.7	150.5	229.7	246.9	1,094.4
Proportion of Age Group Hospital Discharges	0.8%	1.8%	2.6%	2.8%	4.5%	7.5%	2.8%
Average LOS (in days), 2011	3.7	5.3	5.6	5.5	5.4	5.4	5.4
Average Total Hospital Charges (in 000 \$s)	\$ 42.0	\$ 70.7	\$ 60.0	\$ 54.3	\$ 42.5	\$ 44.1	\$ 54.4
Total Hospital Charges (in million \$s)	\$ 1,947.9	\$ 12,172.6	\$ 14,909.6	\$ 8,176.7	\$ 9,762.3	\$ 10,888.3	\$ 59,515.7
Dislocations							
Total Hospital Diagnoses (in 000s)	2.0	14.9	14.3	5.6	5.0	3.0	44.8
Proportion of Age Group Hospital Discharges	0.0%	0.2%	0.1%	0.1%	0.1%	0.1%	0.1%
Average LOS (in days), 2011	4.5	5.7	5.8	5.9	5.5	5.4	5.6
Average Total Hospital Charges (in 000 \$s)	\$ 52.8	\$ 73.3	\$ 63.6	\$ 55.5	\$ 47.4	\$ 38.0	\$ 51.8
Total Hospital Charges (in million \$s)	\$ 105.6	\$ 1,091.7	\$ 909.6	\$ 311.0	\$ 237.2	\$ 114.0	\$ 2,321.6
Sprains and Strains							
Total Hospital Diagnoses (in 000s)	2.7	22.7	31.2	15.9	16.1	11.2	99.8
Proportion of Age Group Hospital Discharges	0.0%	0.2%	0.3%	0.3%	0.3%	0.3%	0.3%
Average LOS (in days), 2011	3.9	4.5	4.6	4.4	4.9	5.2	4.6
Average Total Hospital Charges (in 000 \$s)	\$ 42.1	\$ 46.3	\$ 42.7	\$ 42.1	\$ 39.5	\$ 32.5	\$ 41.7
Total Hospital Charges (in million \$s)	\$ 113.7	\$ 1,051.5	\$ 1,332.6	\$ 669.2	\$ 635.6	\$ 364.0	\$ 4,165.9
Contusions							
Total Hospital Diagnoses (in 000s)	7.5	34.0	49.2	32.5	52.8	53.0	229.1
Proportion of Age Group Hospital Discharges	0.1%	0.4%	0.5%	0.6%	1.0%	1.6%	0.6%
Average LOS (in days), 2011	4.5	4.6	5.5	5.7	5.4	5.0	5.2
Average Total Hospital Charges (in 000 \$s)	\$ 39.1	\$ 45.6	\$ 47.1	\$ 43.6	\$ 37.4	\$ 31.9	\$ 40.4
Total Hospital Charges (in million \$s)	\$ 293.0	\$ 1,551.8	\$ 2,316.8	\$ 1,416.0	\$ 1,974.7	\$ 1,688.2	\$ 9,245.3
Open Wounds							
Total Hospital Diagnoses (in 000s)	16.0	88.9	56.0	20.7	27.4	29.0	238.0
Proportion of Age Group Hospital Discharges	0.3%	0.9%	0.6%	0.4%	0.5%	0.9%	0.6%
Average LOS (in days), 2011	4.8	4.9	5.3	6.5	6.4	5.7	5.6
Average Total Hospital Charges (in 000 \$s)	\$ 37.7	\$ 51.0	\$ 50.2	\$ 49.8	\$ 44.5	\$ 36.1	\$ 47.3
Total Hospital Charges (in million \$s)	\$ 602.4	\$ 4,530.3	\$ 2,811.2	\$ 1,031.1	\$ 1,218.5	\$ 1,048.1	\$ 11,247.4
All Other Musculoskeletal Injuries							
Total Hospital Diagnoses (in 000s)	14.1	51.8	69.4	35.5	34.8	26.5	232.0
Proportion of Age Group Hospital Discharges	0.2%	0.6%	0.7%	0.7%	0.7%	0.8%	0.6%
Average LOS (in days), 2011	4.5	5.0	5.3	5.3	5.5	5.5	5.2
Average Total Hospital Charges (in 000 \$s)	\$ 42.6	\$ 52.3	\$ 52.9	\$ 51.3	\$ 43.6	\$ 36.0	\$ 48.6
Total Hospital Charges (in million \$s)	\$ 600.0	\$ 2,706.6	\$ 3,672.6	\$ 1,820.4	\$ 1,518.0	\$ 952.7	\$ 11,269.9
All Musculoskeletal Injuries [2]							
Total Hospital Diagnoses (in 000s)	78.0	310.3	408.2	236.7	335.1	338.8	1,707.0
Proportion of Age Group Hospital Discharges	1.4%	3.3%	4.2%	4.4%	6.5%	10.3%	4.4%
Average LOS (in days), 2011	4.0	4.9	5.5	5.5	5.6	5.4	5.3
Average Total Hospital Charges (in 000 \$s)	\$ 38.7	\$ 55.3	\$ 53.0	\$ 50.7	\$ 46.2	\$ 40.8	\$ 48.7
Total Hospital Charges (in million \$s)	\$ 3,018.6	\$ 17,168.9	\$ 21,650.9	\$ 11,996.0	\$ 15,488.3	\$ 13,822.0	\$ 83,149.7
All Non-Musculoskeletal Injuries							
Total Hospital Diagnoses (in 000s)	54.2	186.6	207.4	101.6	134.4	113.6	797.7
Proportion of Age Group Hospital Discharges	1.0%	2.0%	2.1%	1.9%	2.6%	3.5%	2.1%
Average LOS (in days), 2011	4.9	5.9	6.9	6.9	6.3	5.5	6.2
Average Total Hospital Charges (in 000 \$s)	\$ 40.2	\$ 54.6	\$ 60.1	\$ 60.6	\$ 50.5	\$ 38.7	\$ 52.9
Total Hospital Charges (in million \$s)	\$ 2,178.3	\$ 10,188.4	\$ 12,458.5	\$ 6,159.0	\$ 6,789.9	\$ 4,396.0	\$ 42,184.8
Musculoskeletal Injuries vs Non-Musculoskeletal Injuries: Proportion of Total Injury Admissions							
All Musculoskeletal Injuries	59.0%	62.5%	66.3%	70.0%	71.4%	74.9%	68.2%
All Non-Musculoskeletal Injuries	41.0%	37.5%	33.7%	30.0%	28.6%	25.1%	31.8%
Musculoskeletal Injuries vs Non-Musculoskeletal Injuries: Proportion of Total Injury Hospital Charges							
All Musculoskeletal Injuries	58.1%	62.8%	63.5%	66.1%	69.5%	75.9%	66.3%
All Non-Musculoskeletal Injuries	41.9%	37.2%	36.5%	33.9%	30.5%	24.1%	33.7%

[1] Generally, total charges in the HCUP databases do not include professional fees and non-covered charges. If the source provides total charges with professional fees, then the professional fees are removed from the charge during HCUP processing. In a small number of HCUP databases, professional fees cannot be removed from total charges because the data source cannot provide the information. Emergency department charges incurred prior to admission to the hospital may be included in total charges. Medicare requires a bundled bill for Medicare patients admitted to the hospital through the emergency department. Other payers may or may not have similar requirements.

[2] Totals based on all reported admissions and may not equal sum of subcategories.

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