

Table 4A.3.4: Average Length of Hospital Stay (LOS) and Mean Hospital Charges for Primary¹ Osteoporotic Fractures for Persons Age 50 and Over, by Region, United States 2014

Length of Stay (LOS)	Region				Mean LOS All Discharges	Number of Discharges (in 000s)	Total Hospital Days (in 000s)
	Northeast	Midwest	South	West			
Hip fracture [3]	5.8	5.2	5.7	5.1	5.5	296.4	1,630.20
Spine fracture [4]	6.0	5.3	5.8	5.5	5.7	106.3	605.91
Pelvic fracture [5]	4.8	4.5	5.0	5.0	4.9	41.6	203.84
Femur (thigh) fracture [6]	6.4	5.7	6.4	5.7	6.1	35.9	218.99
Wrist fracture [7]	3.6	3.4	3.8	3.1	3.6	15.6	56.16
Humerus (arm) fracture [8]	4.2	4.1	4.4	3.8	4.2	44.9	188.58
Total all OP fracture discharges	5.6	5.1	5.5	5.0	5.3	540.6	2,865.18
All hospital discharges age 50 & over	5.6	5.0	5.2	5.0	5.2	19,366.6	100,706.32
Proportion osteoporosis discharges to total discharges	100.0%	102.0%	105.8%	100.0%	101.9%	2.8%	2.8%

Mean Charges (in \$000s)	Region				Mean Charges (in 000 \$s)	Number of Discharges (in 000s)	Total Hospital Charges (in billion \$s)
	Northeast	Midwest	South	West			
Hip fracture [3]	\$ 58.6	\$ 48.1	\$ 60.5	\$ 77.7	\$ 60.6	296.4	\$ 17.96
Spine fracture [4]	\$ 63.9	\$ 49.7	\$ 65.5	\$ 85.6	\$ 64.9	106.3	\$ 6,899
Pelvic fracture [5]	\$ 38.0	\$ 29.8	\$ 38.9	\$ 54.8	\$ 39.7	41.6	\$ 1,652
Femur (thigh) fracture [6]	\$ 75.0	\$ 60.2	\$ 75.6	\$ 93.2	\$ 75.0	35.9	\$ 2,693
Wrist fracture [7]	\$ 42.6	\$ 38.3	\$ 53.0	\$ 56.6	\$ 48.8	15.6	\$ 761
Humerus (arm) fracture [8]	\$ 48.9	\$ 42.7	\$ 56.6	\$ 68.7	\$ 54.3	44.9	\$ 2,438
Total all OP fracture discharges	\$ 57.6	\$ 47.2	\$ 60.4	\$ 77.0	\$ 59.9	540.6	\$ 32,382
All hospital discharges age 50 & over	53.0	41.1	48.4	69.7	\$ 51.3	19,366.6	\$ 993,507
Proportion osteoporosis discharges to total discharges	108.7%	114.8%	124.8%	110.5%	116.8%	2.8%	3.3%

[1] Primary diagnosis is based on first listed diagnosis in potential of 25 (NIS) diagnoses. May underestimate total numbers due to first diagnosis listed not always indicative of the primary diagnosis.

Source: HCUP Nationwide Inpatient Sample (NIS). Healthcare Cost and Utilization Project (HCUP). 2014. Agency for Healthcare Research and Quality, Rockville, MD. www.hcup-us.ahrq.gov/nisoverview.jsp