

Table 4A.2.4: Health Care Visits with Primary Diagnosis¹ of Osteoporotic Fracture² in Hospitals and Emergency Rooms for Persons Age 50 and Over, by Region, United States 2013-2014

	<u>Total</u> <u>(age 50+)</u>	<u>Northeast</u>	<u>Midwest</u>	<u>South</u>	<u>West</u>
Hospital Discharges [3]					
Osteoporosis diagnosis [4]	892.8	64.3	152.2	239.6	436.7
Primary Diagnosis of Osteoporotic Fracture (in 000s)					
Hip fracture [5]	296.4	53.1	66.8	118.5	58.2
Spine fracture [6]	106.3	19.4	26.4	41.0	19.5
Pelvic fracture [7]	41.6	8.2	9.6	15.6	8.2
Femur (thigh) fracture [8]	35.9	6.0	8.8	14.2	6.9
Wrist fracture [9]	15.6	2.9	3.2	6.4	3.2
Humerus (arm) fracture [10]	44.9	8.6	9.9	17.7	8.8
Total all OP fracture discharges	540.6	98.1	124.3	213.4	104.8
Diagnoses per 100 US population [12]	0.5	0.5	0.5	0.5	0.4
All hospital discharges	19,468.0	3,808.6	4,510.4	7,620.8	3,528.1
Proportion all hospital discharges	2.8%	2.6%	2.8%	2.8%	3.0%
Emergency Department (ED) Visits [11]					
Osteoporosis diagnosis [4]	987.5				
Primary Diagnosis of Osteoporotic Fracture (in 000s)					
Hip fracture [5]	297.7	52.4	68.2	119.0	58.1
Spine fracture [6]	183.6	30.5	44.0	74.4	34.7
Pelvic fracture [7]	69.2	12.5	15.6	27.0	14.1
Femur (thigh) fracture [8]	41.0	7.0	10.2	15.9	7.9
Wrist fracture [9]	186.4	35.1	43.8	68.1	39.4
Humerus (arm) fracture [10]	157.7	29.9	35.9	61.6	30.3
Total all OP fracture visits	935.7	167.5	217.7	366.1	184.5
Diagnoses per 100 US population [12]	0.9	0.8	0.9	0.9	0.8
All ED visits	46,685.0	9,205.6	10,494.2	18,396.9	8,898.8
Proportion all ED visits	2.0%	1.8%	2.1%	2.0%	2.1%

[1] Primary diagnosis is based on first listed diagnosis in potential of 25 (NIS) or 15 (NEDS) diagnoses. May underestimate total numbers due to first diagnosis listed not always indicative of the primary diagnosis.

[2] Excludes injuries from high impact ICD-9-CM diagnostic codes E880, 733.81, 733.82, and joint replacement ICD-9-CM procedure codes 00.71, 81.53, 78.60.

[3] 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

[4] ICD-9-CM codes 733.00, 733.01, 733.02, 733.03, 733.09

[5] ICD-9-CM codes 820.0, 820.2, 733.14

[6] ICD-9-CM codes 805.0, 805.2, 805.4, 805.8, 806.0, 806.2, 806.4, 806.8, 733.13

[7] ICD-9-CM codes 808.0, 808.2, 808.4, 808.8

[8] ICD-9-CM codes 821.0, 821.2, 733.15

[9] ICD-9-CM codes 813.4, 733.12

[10] ICD-9-CM codes 812.0, 812.2, 812.4, 733.11

[11] Source: HCUP Nationwide Emergency Department Sample (NEDS). Healthcare Cost and Utilization Project (HCUP). 2013. Agency for Healthcare Research and Quality, Rockville, MD. www.hcup-us.ahrq.gov/nedoverview.jsp

[12] Source: United States Census Bureau, Population Division. Annual Estimates of the Resident Population: July 1, 2013. American Fact Finder. <http://factfinder.census.gov>. Accessed June 18, 2017.