

Table 5.2.2: Health Care Visits with Primary Diagnosis¹ or Osteoporotic Fracture² in Hospitals and Emergency Rooms for Persons Age 50 and Over, by Sex and Age, United States 2011

	<u>Male</u>	<u>Female</u>	<u>50-59</u>	<u>60-69</u>	<u>70-79</u>	<u>80 & Over</u>	<u>Total (age 18 & over)</u>
Hospital Discharges [3]							
Osteoporosis diagnosis [4]	141.9	1037.1	82.5	187.0	308.3	379.5	1,179.1
Primary Diagnosis of Osteoporotic Fracture (in 000s)							
Hip fracture [5]	86.4	213.4	16.5	32.8	65.6	125.8	299.8
Spine fracture [6]	38.6	73.4	13.3	17.0	25.2	35.9	112.1
Pelvic fracture [7]	11.4	36.3	3.8	4.9	9.1	21.1	47.7
Femur (thigh) fracture [8]	8.2	28.5	5.1	7.0	8.7	10.5	36.7
Wrist fracture [9]	3.2	13.7	3.6	3.7	3.6	3.6	16.9
Humerus (arm)fracture [10]	11.7	39.0	7.4	10.4	12.5	12.3	50.7
Total all OP fracture discharges	159.5	404.3	49.7	75.8	124.8	209.2	563.8
Diagnoses per 100 US population [12]	0.4	1.4	0.1	0.3	0.8	1.9	0.6
All hospital discharges	9,844.3	11,595.4	5,003.6	5,436.7	5,200.8	3,266.4	21,445.3
Proportion all hospital discharges	1.6%	3.5%	1.0%	1.4%	2.4%	6.4%	2.6%
Emergency Department (ED) Visits [11]							
Osteoporosis diagnosis [4]	103.6	916.0	81.1	151.3	251.0	346.1	1,019.7
Hip fracture [5]	83.1	201.7	16.0	31.3	61.2	119.8	284.8
Spine fracture [6]	54.9	101.9	23.9	23.4	34.8	47.2	156.7
Pelvic fracture [7]	16.4	50.0	6.7	7.5	12.8	27.3	66.4
Femur (thigh) fracture [8]	9.5	29.4	5.8	7.5	9.1	11.0	38.9
Wrist fracture [9]	28.5	121.4	45.8	40.2	30.5	18.8	149.9
Humerus (arm)fracture [10]	33.9	110.8	29.9	34.3	34.2	27.4	144.8
Total all OP fracture visits	226.3	615.2	128.1	144.1	182.6	251.5	841.6
Diagnoses per 100 US population [12]	0.5	1.2	0.3	0.5	1.1	2.2	0.8
All ED visits	18,604.5	23,436.5	14,660.6	10,175.9	8,162.0	5,098.5	42,046.0
Proportion all ED visits	1.2%	2.6%	0.9%	1.4%	2.2%	4.9%	2.0%

[1] Primary diagnosis is based on first listed diagnosis in potential of 25 (NIS) or 15 (NEDS) diagnoses. May under-estimate 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). 2011. Agency for Healthcare Research and Quality, Rockville, MD. www.hcup-us.ahrq.gov/nisoverview.jsp

[4] ICD-9-CM codes 73300, 73301, 73302, 73303, 73309

[5] ICD-9-CM codes 820.0, 820.2, 73314

[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, 733.1

[11] 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

[12] Adjusted to 2010 U.S. Census Population. <http://factfinder.census.gov/faces/tableservices/jsf/pages/productview.xhtml>. Accessed April 13, 2015. There is the potential for multiple diagnoses per person which is not accounted for.