

Table 9B.5: 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

HEALTH CARE VISITS	Hospital Discharges (in 000s) [3]					Emergency Department Visits (in 000s) [4]					Total Hospital Discharges/ ED Visits (in 000s)				
	50-59	60-69	70-79	80 & Over	Total	50-59	60-69	70-79	80 & Over	Total	18-44	45-64	65-74	75 & over	Total
Primary Osteoporosis [5]	82.5	187	308.3	379.5	957.3	81.1	151.3	251.0	346.1	829.5	163.6	338.3	559.3	725.6	1,786.8
Osteoporotic Fractures [2]															
Hip fracture [6]	16.5	32.8	65.6	125.8	240.7	16.0	31.3	61.2	119.8	228.3	32.5	64.1	126.8	245.6	469.0
Spine fracture [7]	13.3	17.0	25.2	35.9	91.4	23.9	23.4	34.8	47.2	129.3	37.2	40.4	60.0	83.1	220.7
Pelvic fracture [8]	3.8	4.9	9.1	21.1	38.9	6.7	7.5	12.8	27.3	54.3	10.5	12.4	21.9	48.4	93.2
Femur (thigh) fracture [9]	5.1	7.0	8.7	10.5	31.3	5.8	7.5	9.1	11.0	33.4	10.9	14.5	17.8	21.5	64.7
Wrist fracture [10]	3.6	3.7	3.6	3.6	14.5	45.8	40.2	30.5	18.8	135.3	49.4	43.9	34.1	22.4	149.8
Humerus (arm) fracture [11]	7.4	10.4	12.5	12.3	42.6	29.9	34.3	34.2	27.4	125.8	37.3	44.7	46.7	39.7	168.4
Total all OP fracture discharges	49.7	75.8	124.8	209.2	459.5	128.1	144.1	182.6	251.5	706.3	177.8	219.9	307.4	460.7	1,165.8
Diagnoses per 100 US population [12]	0.1	0.3	0.8	1.9	0.5	0.3	0.5	1.1	2.2	0.7	0.4	0.8	1.9	4.1	1.2
	Proportion of Total					Proportion of Total					Proportion of Total				
Primary Osteoporosis [5]	9%	20%	32%	40%	100%	10%	18%	30%	42%	100%	9%	19%	31%	41%	100%
Osteoporotic Fractures [2]															
Hip fracture [6]	7%	14%	27%	52%	100%	7%	14%	27%	52%	100%	7%	14%	27%	52%	100%
Spine fracture [7]	15%	19%	28%	39%	100%	18%	18%	27%	37%	100%	17%	18%	27%	38%	100%
Pelvic fracture [8]	10%	13%	23%	54%	100%	12%	14%	24%	50%	100%	11%	13%	23%	52%	100%
Femur (thigh) fracture [9]	16%	22%	28%	34%	100%	17%	22%	27%	33%	100%	17%	22%	28%	33%	100%
Wrist fracture [10]	25%	26%	25%	25%	100%	34%	30%	23%	14%	100%	33%	29%	23%	15%	100%
Humerus (arm) fracture [11]	17%	24%	29%	29%	100%	24%	27%	27%	22%	100%	22%	27%	28%	24%	100%
Total all OP fracture discharges	11%	16%	27%	46%	100%	18%	20%	26%	36%	100%	15%	19%	26%	40%	100%

[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] 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

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

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

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

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

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

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

[11] ICD-9-CM codes 812.0, 812.2, 812.4, 733.1

[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.