Table 9B.5: Health Care Visits with Primary Diagnosis[1] or Osteoporotic Fracture[2] 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	50-59	60-69	70-79	80 & over	Total
Primary Osteoporosis [5]	82.5	187.0	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 unde 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 US 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.