

Table 9A.5: Osteoporosis and Fragility Fractures, by Sex, United States, 2010-2011

	Hospital Discharges (in 000s) [1]			Emergency Department Visits (in 000s) [2]			Total Hospital Discharges/ ED Visits (in 000s)		
	Male	Female	Total	Male	Female	Total	Male	Female	Total
Primary Osteoporosis [3]	152.8	1,061.8	1,214.7	115.9	958.6	1,074.5	268.7	2,020.4	2,289.2
Fragility Fractures [4]									
Wrist	28.4	49.9	78.5	533.4	452.6	986.2	561.8	502.5	1,064.7
Upper Limb	38.6	74.4	113.5	206.7	245.7	452.5	245.3	320.1	566.0
Vertebrae	77.5	137.3	215.0	125.5	207.3	332.9	203.0	344.6	547.9
Hip	97.1	230.7	328.0	95.2	217.7	312.9	192.3	448.4	640.9
Ankle and Foot	45.3	72.1	117.9	262.1	347.6	609.8	307.4	419.7	727.7
Lower Limb	46.1	73.7	120.2	115.1	134.9	250.0	161.2	208.6	370.2
Stress and Pathological Fracture	52.3	111.2	163.5	41.7	96.9	138.6	94.0	208.1	302.1
All Fragility Fractures	357.4	697.1	1,056.5	1,342.3	1,643.3	2,985.9	1,699.7	2,340.4	4,042.4
	Proportion of Total			Proportion of Total			Proportion of Total		
Primary Osteoporosis	13%	87%		11%	89%		12%	88%	
Fragility Fractures									
Wrist	36%	64%		54%	46%		53%	47%	
Upper Limb	34%	66%		46%	54%		43%	57%	
Hip	36%	64%		38%	62%		37%	63%	
Vertebrae	30%	70%		30%	70%		30%	70%	
Ankle and Foot	38%	61%		43%	57%		42%	58%	
Lower Limb	38%	61%		46%	54%		44%	56%	
Stress and Pathological Fracture	32%	68%		30%	70%		31%	69%	
All Fragility Fractures	34%	66%		45%	55%		42%	58%	
Diagnoses of BOTH Primary Osteoporosis and Fragility Fracture	25.6	182.6	208.2	19.8	167.4	187.3	45.4	350.0	395.5
Proportion of Total Diagnoses	7%	26%	20%	1%	10%	6%	3%	15%	10%

[1] 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

[2] 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

[3] ICD-9-CM diagnoses codes for primary osteoporosis (733.0).

[4] ICD-9-CM diagnoses codes for fractures occurring in non-traumatic settings.