

Table E-1. Age, fracture type, medical conditions, and medications increasing fracture risk and other medical conditions, all subjects (n=3812)

	n	%
Mean Age	71.3	--
Age Group:		
50-64	1234	32.4%
65-79	1426	37.4%
80+	1152	30.2%
Fracture Type:		
Hip	560	14.7%
Vertebra	526	13.8%
Wrist	345	9.1%
Pelvis	126	3.3%
Humerus	365	9.6%
Other Upper Extremity	431	11.3%
Other Lower Extremity	1008	26.4%
Other Torso	451	11.8%
Osteoporotic Fracture Risk:		
Osteoporosis Diagnosis	445	11.7%
Risk of Secondary Osteoporosis:		
Diagnosis*	159	4.2%
Chronic Steroid Use	155	4.1%
Anti-Convulsant Use	112	2.9%
Any Secondary Osteoporosis Risk***	408	10.7%
Risk from Falls:		
Falls-Risk Diagnosis**	1328	34.8%
Tertiary Tricyclic Anti-Depressant at Index Date	236	6.2%
Long-Acting Benzodiazepine at Index Date	55	1.4%
Any Risk from Falls***	1480	38.8%
Other Medical Conditions:		
Diabetes Mellitus	496	13.0%
Heart Disease	673	17.7%
Hypertension	1570	41.2%
Hyperlipidemia	684	17.9%
Malignant Neoplasms	583	15.3%
COPD/Asthma	1000	26.2%
Arthropathies	1416	37.1%
Osteoarthritis	783	20.5%
Depressive Disorders	681	17.9%

*Includes hyperthyroidism (0.7%), hyperparathyroidism (0.4%), vitamin-D deficiency (0.1%), cirrhosis (0.4%), chronic renal failure (2.2%), malabsorption (0.4%), and malnutrition (0.2%). **Includes Parkinson disease (1.3%), rheumatoid arthritis (3.3%), osteoarthritis (20.5%), dementia (5.5%), alcoholism (0.9%), type-1 diabetes (2.9%), and stroke (7.6%). ***These figures are not additive because the percentages are not mutually exclusive.

Table E-2. Risk factors by drug treatment and bone mineral density measurement status

	Post-Fracture Drug Treatment?			If Drug Treatment, Adhered to Treatment?			Received Bone Mineral Density Measurement?			Bone Mineral Density Measurement or Post-fracture Drug Treatment?		
	Yes	No		Yes	No		Yes	No		Yes	No	
Number	1725	2087		1270	455		176	3636		1767	2045	
Percent	45.3%	54.7%		73.6%	26.4%		4.6%	95.4%		46.4%	53.6%	
Mean Age (yrs)	68.6	73.5	*	67.1	72.9	*	65.3	71.5	*	68.5	73.6	*
Mean Weight (lbs)	159	156		161	153	*	161	157		159	156	**
Weight < 127 lbs	20.4%	25.0%	*	18.1%	27.0%	*	18.9%	23.1%		20.1%	25.4%	*
Current Smoker	11.8%	10.5%		11.3%	13.0%		9.1%	11.2%		11.7%	10.6%	
Chronic Steroid Use	6.1%	2.4%	*	6.0%	6.6%		11.9%	3.7%	*	6.2%	2.2%	*
Anti-Convulsant Use	2.8%	3.0%		3.2%	1.8%		1.7%	3.0%		2.8%	3.0%	
Diagnosis Increasing Osteoporosis Risk+	4.1%	4.3%		3.5%	5.5%		5.1%	4.1%		4.2%	4.1%	
Index Fracture Type:												
Hip	10.0%	18.5%	*	9.0%	13.0%	**	5.7%	15.1%	*	9.9%	18.9%	*
Vertebra	21.6%	7.3%	*	16.7%	35.4%	*	25.6%	13.2%	*	21.2%	7.4%	*
Wrist	7.3%	10.5%	*	7.7%	5.8%		9.1%	9.1%		7.5%	10.4%	*
Pelvis	3.1%	3.5%		2.8%	3.7%		1.1%	3.4%		3.0%	3.6%	
Humerus	6.7%	11.9%	*	6.9%	6.2%		4.0%	9.9%	**	6.7%	12.0%	*
Other Upper Extremity	10.4%	12.0%		11.7%	6.8%	*	8.5%	11.4%		10.4%	12.1%	
Other Lower Extremity	27.9%	25.3%		30.6%	20.4%	*	35.8%	26.0%	**	28.5%	24.7%	**
Other Torso	13.0%	10.9%	**	14.6%	8.6%	*	10.2%	11.9%		12.8%	11.0%	

*p < 0.001 **p < 0.05 +Includes hyperthyroidism, hyperparathyroidism, vitamin-D deficiency, cirrhosis, chronic renal failure, malabsorption, and malnutrition.