



0	43.8	45.5	43.4	43.4	43.8	43.4	45.6	43.9	42.2	45.0	42.8
1-4	12.5	12.5	12.7	12.2	12.3	12.8	11.9	12.5	12.2	12.5	13.1
5-10	15.5	15.1	15.8	15.5	15.5	15.5	15.7	15.4	16.4	15.2	14.9
≥ 11	28.2	26.9	28.1	28.9	28.4	28.3	26.8	28.2	29.1	27.3	29.3
Comorbidity, %											
ASHD	42.1	47.5	44.2	42.2	40.0	38.0	47.1	43.0	44.6	38.6	38.2
CHF	48.5	49.3	50.9	47.7	48.1	46.4	49.3	49.4	50.2	45.8	47.6
CVA/TIA	17.5	17.3	17.8	17.9	17.6	16.6	18.0	17.6	17.9	16.4	17.4
PVD	36.3	38.6	38.0	35.8	36.1	33.7	37.9	37.0	38.0	35.6	33.1
Other cardiac	28.1	29.0	29.3	27.2	27.2	28.3	28.6	27.8	29.5	27.3	27.4
COPD	21.4	22.0	21.7	21.7	21.0	20.7	21.5	22.3	22.1	20.2	20.9
GI bleeding	5.9	5.4	5.7	6.2	6.1	6.1	5.6	5.7	6.4	5.6	6.1
Liver disease	2.6	2.7	2.9	2.3	2.7	2.5	2.5	3.0	2.6	2.6	2.3
Dysrhythmia	25.3	27.9	26.2	25.8	24.0	23.5	27.8	24.9	26.9	23.8	23.9
Cancer	9.1	10.1	9.9	9.5	8.3	7.7	9.6	9.7	9.7	8.7	7.6
Diabetes	63.4	64.7	66.3	63.7	62.7	60.0	64.4	66.1	65.0	60.8	60.8
Previous CV hospitalization	25.3	24.3	25.7	26.1	25.4	24.8	24.0	24.9	26.5	24.5	26.4
Previous PTX	0.7	0.4	0.4	0.8	0.7	1.0	0.4	0.6	0.6	0.9	0.7
Laboratory values, mean (SD) <sup>a</sup>											
Phosphate, mg/dl	5.3(1.3)	5.1 (1.2)	5.2 (1.3)	5.3 (1.3)	5.3 (1.3)	5.5 (1.4)	5.0 (1.2)	5.1 (1.3)	5.3 (1.3)	5.4 (1.3)	5.5 (1.4)
Calcium, mg/dl	9.0 (0.6)	9.1 (0.5)	9.0 (0.5)	9.0 (0.6)	9.0 (0.6)	8.9 (0.6)	9.0 (0.5)	9.0 (0.5)	9.0 (0.6)	9.0 (0.6)	9.0 (0.6)
PTH, pg/ml	341.7 (320.3)	287.8 (250.1)	311.7 (267.0)	331.2 (301.0)	360.6 (343.2)	405.2 (393.4)	274.8 (214.3)	308.5 (265.2)	333.8 (320.3)	367.6 (360.4)	412.7 (378.6)

Quintiles of facility level proportion of CKD-MBD composite score was based on proportions of patients at each facility who were out of or above target. “Out of target” was characterized by at least two CKD-MBD laboratory values above or below defined target ranges for PTH, calcium, and phosphate. “Above target” was characterized by at least two CKD-MBD laboratory values above defined target ranges for PTH, calcium, and phosphate. Target ranges for CKD-MBD laboratory values were 150-300 pg/ml for PTH, 8.4-10.2 mg/dL for calcium, and 3.5-5.5 mg/dL for phosphate.

Abbreviations: ASHD, atherosclerotic heart disease; BMI, body mass index; CHF, congestive heart failure; CKD-MBD, chronic kidney disease-mineral bone disorder; COPD, chronic obstructive pulmonary disease; CV, cardiovascular; CVA/TIA, cerebrovascular accident/transient ischemic attack; ESRD, end-stage renal disease; GI gastrointestinal; PTH, parathyroid hormone; PTX, parathyroidectomy; PVD, peripheral vascular disease; Q, quintile; SD, standard deviation.

<sup>a</sup> Mean laboratory values ascertained during the 4-month baseline period.