

Appendix

TABLE E-1 HEDIS Health Plan Performance Rates: Osteoporosis Management in Women Who Had a Fracture*

Year	Total Number of Plans	Plans Able to Report (%)	Average	Standard Deviation	10th Percentile	25th Percentile	50th Percentile	75th Percentile	90th Percentile
HEDIS OMW measure performance with HMO plans									
2010	298	193 (64.8)	20.7	9.4	13.2	16.2	18.8	22.5	27.7
2011	314	221 (70.4)	20.7	10.6	12.0	15.6	18.5	22.5	29.8
2012	316	238 (75.3)	22.8	13.5	12.0	14.9	19.2	25.5	38.0
2013	361	235 (65.1)	25.0	15.4	12.3	14.9	19.8	29.8	48.0
2014			38†						
HEDIS OMW measure performance with PPO plans									
2010	110	60 (54.6)	18.1	6.8	8.7	13.9	18.7	21.6	26.5
2011	128	73 (57.0)	18.5	6.8	10.3	15.1	18.8	22.1	25.7
2012	139	96 (69.1)	19.3	6.6	12.8	15.4	18.9	23.2	27.7
2013	155	112 (72.3)	19.1	7.9	12.0	15.3	18.2	20.9	27.6
2014			30†						

*HEDIS = Healthcare Effectiveness Data and Information Set, NCQA = National Committee on Quality Assurance, OMW = osteoporosis management in women who had a fracture, HMO = health maintenance organization, and PPO = preferred provider organization. Reproduced, with modification, from: Tosi LL, Gliklich R, Kannan K, Koval KJ. The American Orthopaedic Association's "Own the Bone" initiative to prevent secondary fractures. J Bone Joint Surg Am. 2008 Jan;90(1):163-73. †The State of Healthcare Quality, 2015: PQRS measure 418 requires the reporting of women and men 50 to 85 years of age who suffered a fracture who either had a BMD test or osteoporosis therapy. The 2012 mean was 14%²², the 2013 mean was missing²³, the 2014 mean was 40% ± 36%²⁴, and the results for 2015 were not available²⁵.

TABLE E-2 Participant Characteristics*

Variable	No. of Patients (%)
No. of participants	23,132
Sex	
Female	18,134 (78.4)
Male	4,997 (21.6)
Menopausal status	
Postmenopausal	18,021 (99.4 of women)
Ethnicity	
Black	770 (3.3)
White	21,715 (93.9)
Pacific Islander	10 (0.04)
Native American	103 (0.45)
Asian	170 (0.74)
Latino	238 (1.0)
Indian Subcontinent	39 (0.17)
Other	86 (0.37)

*At 125 centers.