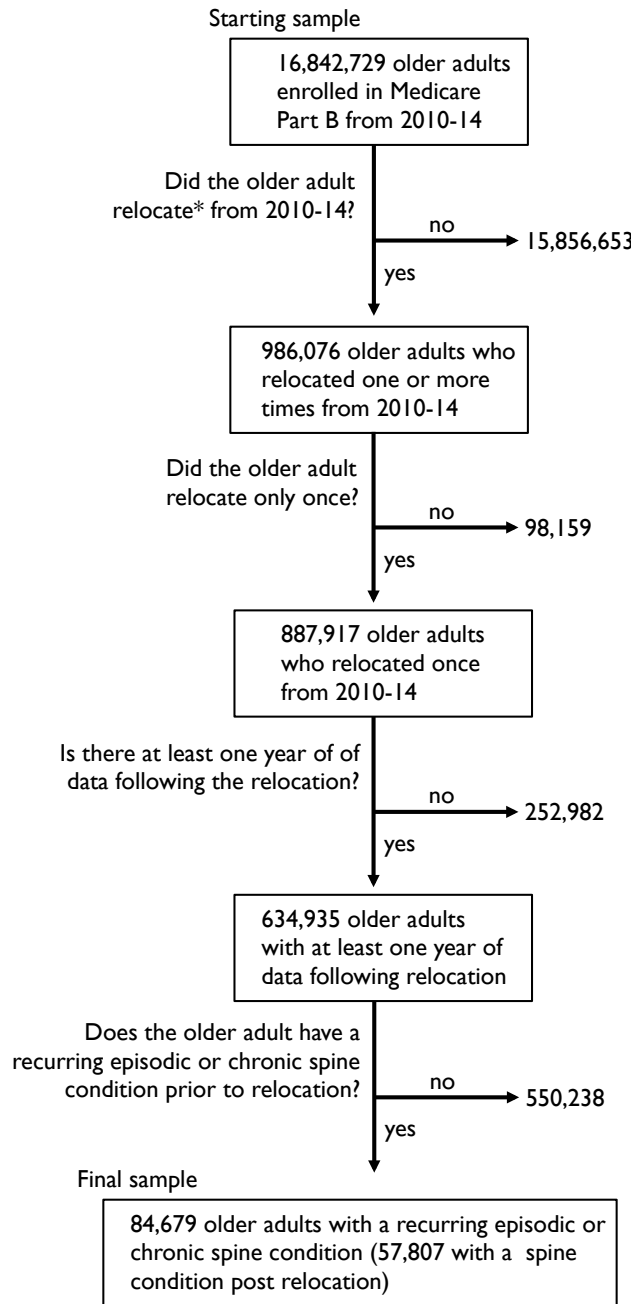


Appendix, Table 1. Sociodemographic characteristics of older adults with spine condition at baseline.

	No.	Mean or % (95% CI)			
		Mean age in years	% Female sex	% Black race	% with $\geq 1$ comorbidity
Resident of quintile 1, lowest					
Moved yet remained within quintile 1	1,123	75.5 (75.1, 75.9)	67.5 (64.8, 70.2)	15.3 (13.2, 17.4)	40.6 (37.7, 43.5)
Moved to area of higher chiropractic care	7,002	76.4 (76.3, 76.6)	68.3 (67.3, 69.4)	8.3 (7.7, 8.9)	37.6 (36.5, 38.7)
Resident of quintile 2					
Moved to area of lower chiropractic care	1,672	75.8 (75.5, 76.1)	65.6 (63.3, 67.8)	11.5 (10.0, 13.1)	37.3 (34.9, 39.6)
Moved yet remained within quintile 2	3,232	76.7 (76.5, 77.0)	68.3 (66.7, 69.9)	6.9 (6.0, 7.8)	36.3 (34.7, 38.0)
Moved to area of higher chiropractic care	10,356	77.0 (76.9, 77.2)	69.5 (68.6, 70.4)	4.3 (3.9, 4.7)	34.7 (33.8, 35.6)
Resident of quintile 3					
Moved to area of lower chiropractic care	5,356	76.4 (76.3, 76.6)	67.6 (66.3, 68.8)	6.6 (5.9, 7.2)	36.7 (35.4, 37.9)
Moved yet remained within quintile 3	4,810	77.1 (76.9, 77.3)	69.9 (68.6, 71.2)	3.8 (3.2, 4.3)	35.1 (33.7, 36.4)
Moved to area of higher chiropractic care	9,208	77.1 (77.0, 77.3)	67.8 (66.8, 68.7)	2.5 (2.2, 2.9)	33.6 (32.6, 34.5)
Resident of quintile 4					
Moved to area of lower chiropractic care	10,708	77.1 (76.9, 77.2)	68.8 (67.9, 69.7)	4.1 (3.7, 4.5)	35.3 (34.4, 36.2)
Moved yet remained within quintile 4	6,616	77.4 (77.3, 77.6)	68.6 (67.4, 69.7)	2.1 (1.8, 2.5)	35.0 (33.8, 36.1)
Moved to area of higher chiropractic care	5,243	77.6 (77.4, 77.8)	69.1 (67.8, 70.3)	1.5 (1.2, 1.9)	34.6 (33.3, 35.9)
Resident of quintile 5, highest chiropractic care					
Moved to area of lower chiropractic care	13,378	77.0 (76.9, 77.2)	67.6 (66.8, 68.4)	1.9 (1.7, 2.1)	35.3 (34.5, 36.2)
Moved yet remained within quintile 4	5,975	77.6 (77.4, 77.8)	68.8 (67.6, 70.0)	0.5 (0.4, 0.7)	35.0 (33.8, 36.2)



Appendix, Figure 1. Flow diagram of study inclusion for older adults.

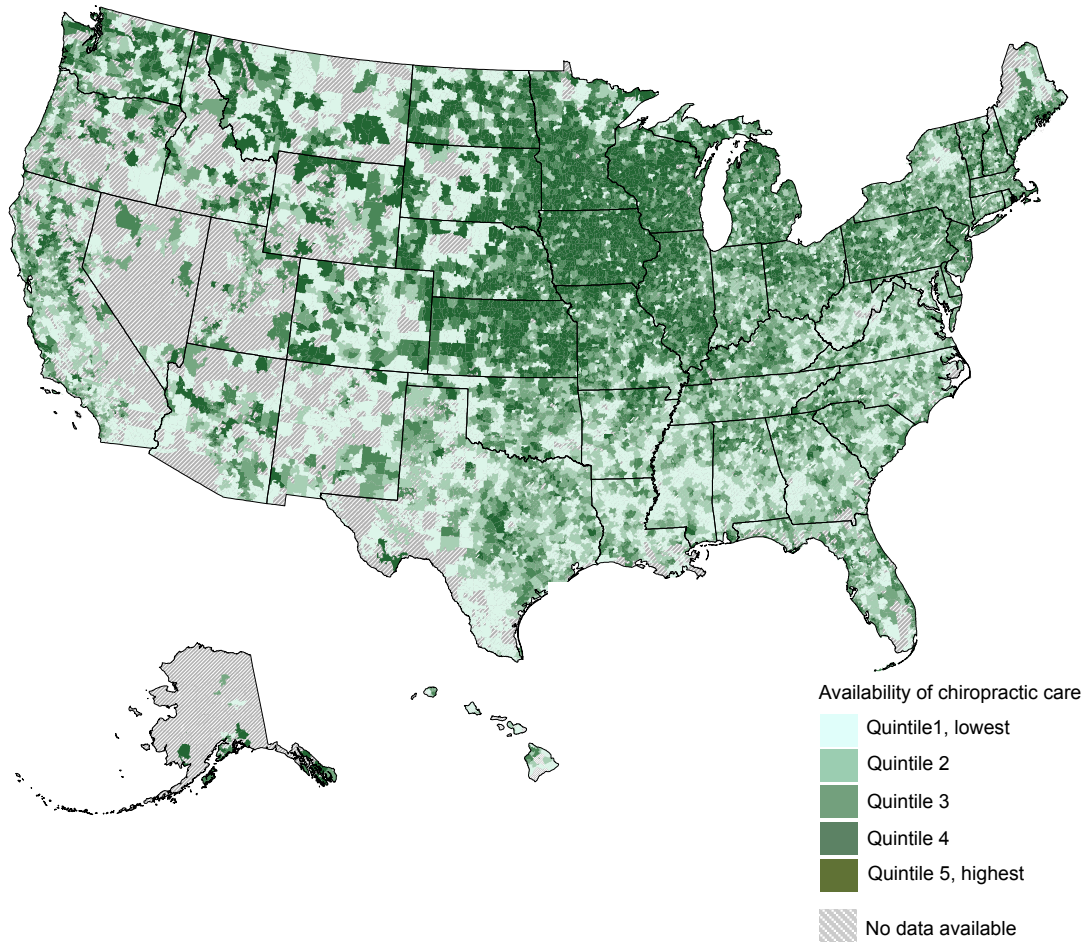
\* Relocation defined as changing a Hospital Referral Region based on residential address in the Master Beneficiary Summary File

		Calendar Year					Included in study?
		2010	2011	2012	2013	2014	
Hospital Referral Region of residence		34	34	89	89	89	Yes
		18	90	90	90	90	Yes
		93	93	93	93	93	No (did not move)
		290	290	290	290	07	No (no follow-up data)
		62	09	09	09	77	No (moved multiple times)
		...					

Baseline year	Year of relocation	Post-relocation year
■	■	■

Appendix, Figure 2. Identification of baseline and post relocation year based on change in Hospital Referral Region of residence.



Appendix, Figure 3. Unadjusted geographic variation in the availability of chiropractic care across U.S. ZIP Code Tabulation Areas