Supplementary Material

Article Title: Severe Neighborhood Deprivation and US Nursing Home Staffing

Supplementary Table S1. Adjusted staffing rates among US nursing homes by neighborhood deprivation

Supplementary Table S2. Acuity-adjusted staffing rates among US nursing homes by neighborhood deprivation

Supplemental Table S1. Adjusted Staffing Differences by Facility-Level Neighborhood Socioeconomic Disadvantage

Position	Staffing hours per 100-resident days (95% CI) in facilities in disadvantaged areas relative to more advantaged facilities[1]
Registered Nurse	-5.6 (-6.9 to -4.2)
Licensed Practical Nurse	0.03 (-1.3 to 1.4)
Certified Nursing Assistant	-3.2 (-5.6 to -0.9)
Physical Therapist (PT)	-1.5 (-1.8 to -1.1)
PT Assistant	-1.3 (-1.7 to -0.9)
Occupational Therapist (OT)	-1.5 (-1.8 to -1.1)
OT Assistant	-0.9 (-1.3 to -0.5)
Medical Social Worker	-0.4 (-0.7 to -0.2)
Speech Language Pathologist	-0.6 (-0.8 to -0.4)

[1] *Estimated from marginal linear regression model adjusted for state and rurality fixed effects, with sandwich type standard errors to account for clustering of facilities within county.*

Supplemental Table S2. Acuity-Adjusted Staffing Differences by Facility-Level Neighborhood Socioeconomic Disadvantage

Position	Staffing hours per 100-resident days (95% CI) in facilities in disadvantaged areas relative to more advantaged facilities[1]
Registered Nurse	-5.4 (-6.7 to -4.1)
Licensed Practical Nurse	0.3 (-1.0 to 1.6)
Certified Nursing Assistant	-2.9 (-5.2 to -0.5)
Physical Therapist (PT)	-1.5 (-1.8 to -1.1)
PT Assistant	-1.3 (-1.7 to -0.9)
Occupational Therapist (OT)	-1.5 (-1.8 to -1.1)
OT Assistant	-0.9 (-1.3 to -0.5)
Medical Social Worker	-0.4 (-0.7 to -0.2)
Speech Language Pathologist	-0.6 (-0.8 to -0.4)

[1] *Estimated from marginal linear regression model adjusted for state and rurality fixed effects as well as facility-level acuity index, with sandwich type standard errors to account for clustering of facilities within county.*