

## Alzheimer's Disease Services, Staffing, and Outcomes in Adult Day Health Centers

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### Objective/Issue

Increasing rates of Alzheimer's Disease and Related Dementia (ADRD) has resulted in greater reliance on adult day health centers (ADHCs) and their skilled workforce. Little is known about staffing in ADHCs that provide ADRD services compared with ADHCs that do not. This study examines whether there are differences in staffing between ADHCs that offer ADRD services versus those that do not, and whether the percentage of ADHC participants with ADRD is associated with staffing levels. It also examines whether staffing levels and provision of ADRD services are associated with participant outcomes.

### Data/Setting

We used facility-level data from the 2014 National Post-acute and Long-term Care Study Adult Day Services Center module. This survey is completed by administrators of ADHCs, who provide information about their ADHC's organization, services, participants, sources of payment, staffing, and participant outcomes.

### Design/Methods

Bivariate comparisons and multivariate regressions were used to compare scope of services, staffing, and participant outcomes for ADHCs that offered ADRD programs compared with those that did not.

### Results/Findings

ADHCs with ADRD programs had similar average daily attendance, less revenue from Medicaid and self-payment, and greater proportions of Black and female participants. ADHCs with ADRD programs had similar staff hours per participant day for all staff categories.; licensed nurse staffing increased and social worker staffing decreased with the proportion of participants with ADRD. Staffing had significant associations with participant outcomes.

### Conclusions/Discussion:

ADHCs that have more participants with ADRD have greater staffing of licensed nurses but less social worker staffing. Participant outcomes are associated with staffing, but the results suggest that there are unmeasured dimensions of participant risk that confound the relationship.

### Related Resources:

**Key Words:** adult day health centers, Alzheimer's disease and related dementias, workforce

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