



PROVISION OF HOME-BASED PRIMARY  
CARE TO INDIVIDUALS WITH IDD IS  
ASSOCIATED WITH A SIGNIFICANT  
IMPROVEMENT IN CLINICAL OUTCOMES

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- We hypothesized that provision of home-based primary care to individuals with intellectual and/or developmental disability (IDD) may be associated with improvements in clinical outcomes.
- Home-based primary care was provided to Ohioans served by Res-Care during 2021 (average census 130).
- Individuals served had diagnoses of IDD, in addition to medical diagnoses.
- Home-based primary care was provided using methods previously described <sup>1-4</sup>.
- Hospitalization rate, 30-day readmission rate, and days spent at home were calculated as previously described <sup>3,5</sup>.
- Compared to baseline, hospitalization rate decreased by 44%, 30-day readmission rate decreased by 84%, and annualized days spent at home increased by 6 days per year between January and December, 2021

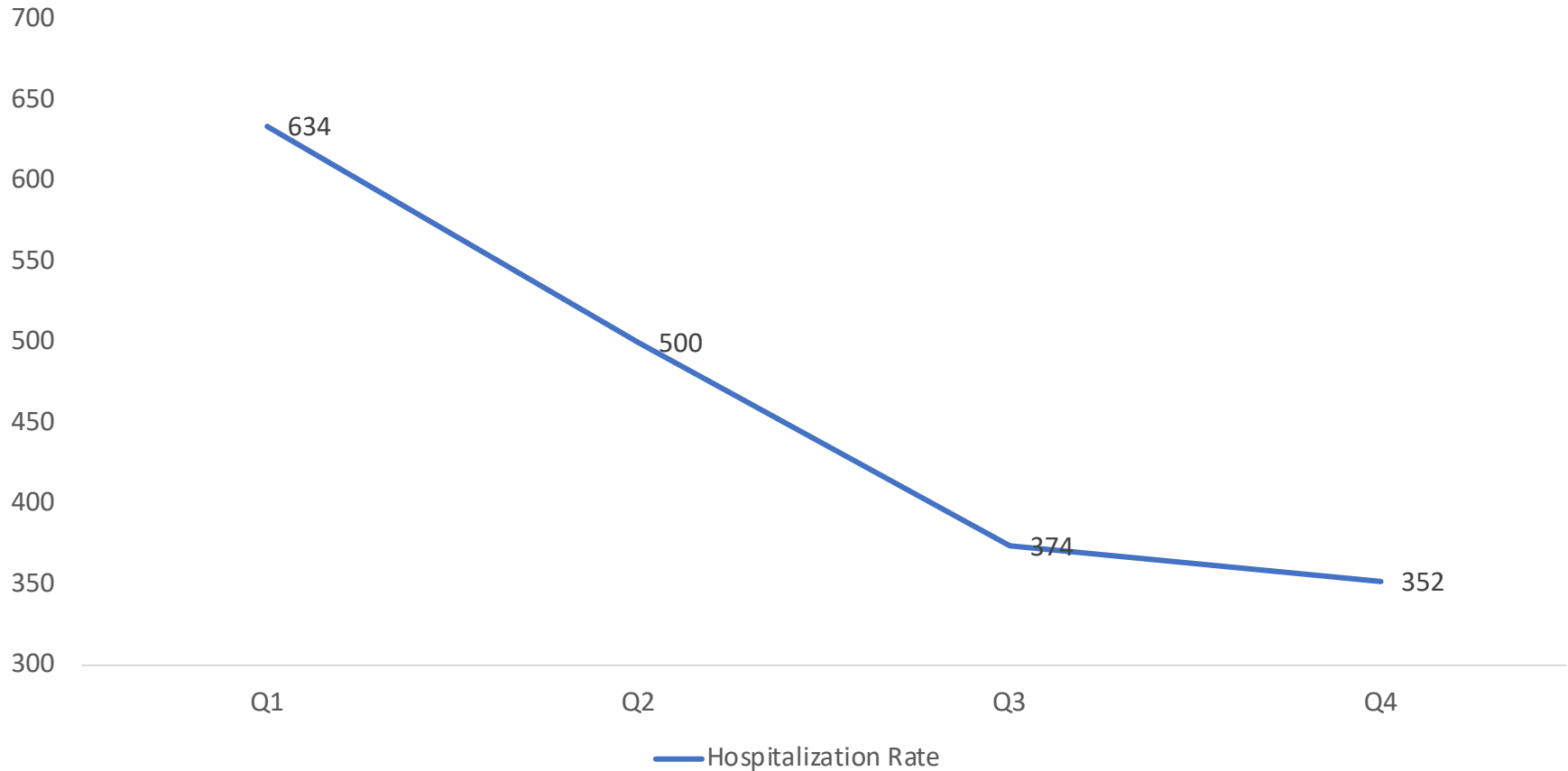
## References

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3. Mills WR, Buccola JM, Roosa J, Lemin L, Cappelli L, Schraer B. Variation in Value-Based Outcome Measures Among Assisted Living Communities Served by a Home-Based Primary Care Practice During COVID-19. *Home Health Care Management & Practice*. 2021;33(1):45-48.
4. Mills WR, Buccola JM, Sender S, Lichtefeld J, Romano N, Reynolds K, Price M, Phipps J, White L, Howard S. Home Based Primary Care Led-Outbreak Mitigation in Assisted Living Facilities in the First One Hundred Days of COVID-19. *Journal of the American Medical Directors Association* 2020; 21: 951-953.
5. Mills WR, Law K, Boyd R, Conkrite W, Howard S, Zerbe S, Barnes R, Sender S, Babin L. Hospitalization Rate and Days Spent at Home as Value-Based Outcome Measures for People with Intellectual and Developmental Disability. *Health Sci Journal* 2020; 14 No. 3: 717.

# PROVISION OF HOME-BASED PRIMARY CARE TO OHIOANS WITH IDD WAS ASSOCIATED WITH A 44% DECREASE IN HOSPITALIZATION RATE IN 2021

## Hospitalization Rate

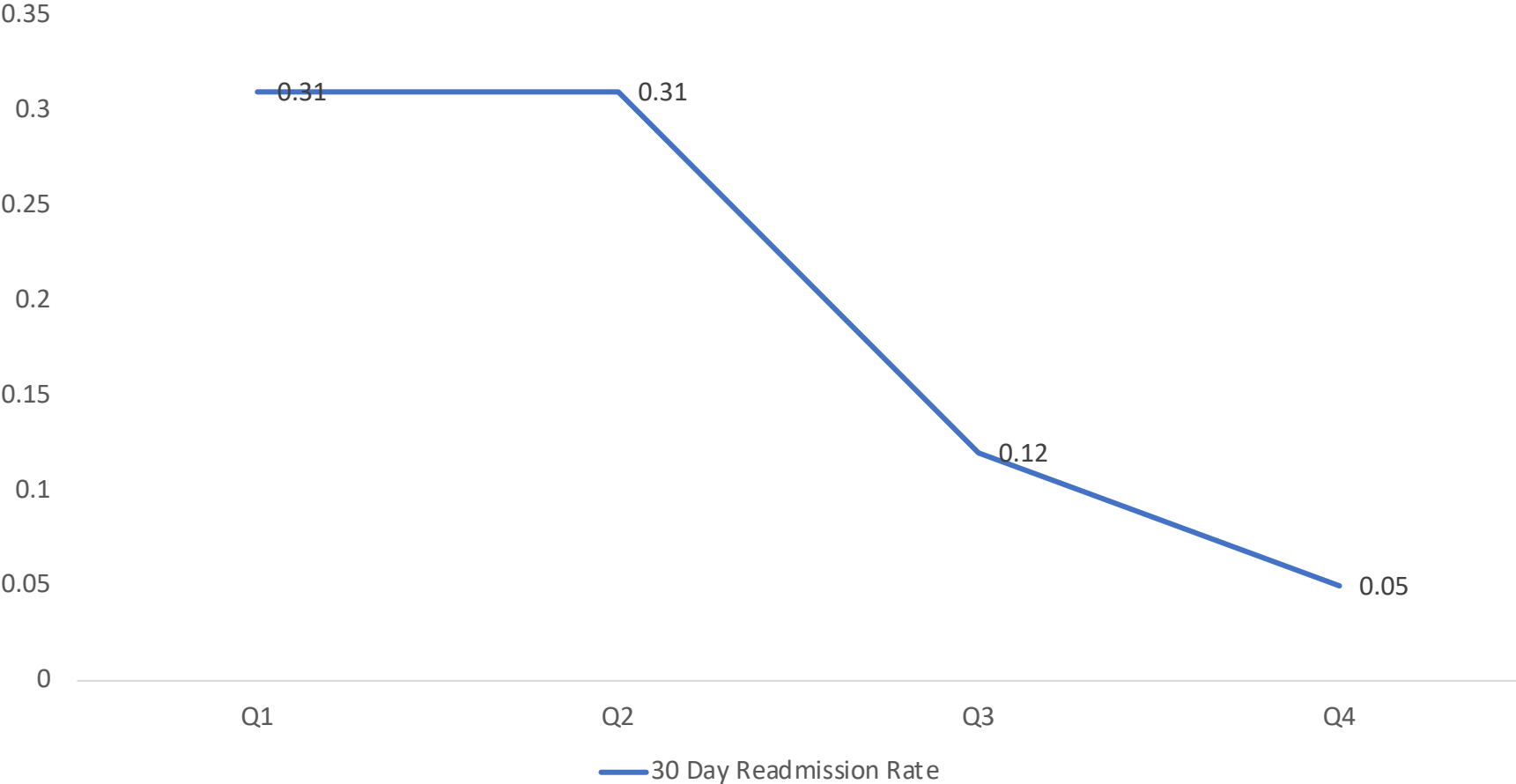
(Admissions Per 1,000 Managed Patients Per Year)



# PROVISION OF HOME-BASED PRIMARY CARE TO OHIOANS WITH IDD WAS ASSOCIATED WITH AN 84% DECREASE IN 30-DAY READMISSION RATE IN 2021



### 30 Day Readmission Rate



# PROVISION OF HOME-BASED PRIMARY CARE TO OHIOANS WITH IDD WAS ASSOCIATED WITH AN AVERAGE OF 6 ADDITIONAL DAYS SPENT AT HOME PER YEAR

## Days Spent at Home

