



## **ROSA Outcome Monitoring System Home Care Brief Report for South Australia 2024**

Published May 2024

Reporting period 1 July 2021 – 30 June 2022

Funding sources: The Hospital Research Foundation, Australian Government National Health and Medical Research Council and Medical Research Future Fund.

## ROSA OMS Home Care Report for South Australia 2024

On behalf of the Registry of Senior Australians (ROSA), we are delighted to release the 2024 ROSA Outcome Monitoring System (OMS) Home Care Report for South Australia. The ROSA OMS Home Care Report is a significant milestone and Australian first, providing comprehensive and unbiased quality and safety monitoring reports of home care services in Australia. No other programs exist in Australia to monitor the experiences of home care recipients and we believe the ROSA OMS is an important step towards our understanding of this growing cohort.

**This brief report describes the quality and safety of care received by 16,843 home care package recipients in South Australia enrolled in ROSA in 2021-22.** Since August 2018, the Prospective Cohort of ROSA has enrolled individuals in South Australia who had an aged care eligibility assessment. In 2021-22, ROSA captured 74% of home care package recipients in South Australia. By 2024, we expect almost all home care package recipients will be enrolled.

The Prospective Cohort of **ROSA is a Clinical Quality Registry**<sup>1</sup> established in 2017, designed to monitor and evaluate health, service use, medication use, mortality, and other key outcomes of people receiving aged care services. ROSA is supported by a partnership of institutions committed to improving the quality of aged care services, including aged care industry partners (ECH Inc, Silverchain), universities (University of Adelaide, University of South Australia, and Flinders University), a consumer health advocacy group (COTA SA), South Australian Health and Medical Research Institute, SA NT DataLink, and SA Health. Since its establishment, the ROSA team have delivered high-quality evidence to support and improve the aged care sector in key areas that impact the wellbeing of older Australians. During the Royal Commission into Aged Care Quality and Safety (2018-2021), ROSA made significant contributions to the investigations into quality and safety nationally, specifically within the area of measurement and monitoring.

**The ROSA OMS is a pragmatic and low burden monitoring and benchmarking system** to support evidence-based quality and safety improvements through the delivery of important information to aged care providers. The ROSA OMS was built from collaboration of the ROSA team with aged care providers (ECH Inc, Silverchain), peak body (Aged & Community Care Providers Association), other industry representatives (SA Innovation Hub), clinicians, professional associations (Australian Medical Association, Australian Nursing and Midwifery Federation SA Branch), and consumer representatives.

**The ROSA OMS reports on 15 quality and safety indicators for home care packages providers.**<sup>2</sup> The indicators are: antipsychotic use, chronic opioid use, exposure to high sedative load, antibiotic use, fall-related hospitalisations, fractures, premature mortality, medication-related hospitalisations, weight loss or malnutrition-related hospitalisations, delirium or dementia-related hospitalisations, emergency department presentations, pressure injury-related hospitalisations, utilisation of chronic disease management plans, home medicines reviews and wait-time for services.

Importantly, the ROSA OMS uses integrated national and state-based data sources for its report. Specifically, the data sources are: 1) Australian Institute of Health and Welfare's National Aged Care Data Clearinghouse, 2) Medicare Benefits Schedule, 3) Pharmaceutical Benefits Scheme, 4) National Death Index, 5) State Admitted Hospitalisation Records, and 6) State Emergency Department Records.<sup>1</sup>

ROSA can provide South Australian home care package providers with more than 20 registered recipients their individualised Provider and Service Reports with benchmarks for comparison. For more information see: [ROSA OMS Reports Request Form](#) or email us: [rosa.oms@sahmri.com](mailto:rosa.oms@sahmri.com).

### To find out more about ROSA OMS reports:

- Please see other summary reports: <https://rosaresearch.org/reports>
- Read about its development and specifications: [ROSA OMS overview](#)

<sup>1</sup> Inacio M, et al. Registry of Older South Australians (ROSA): framework and plan. *BMJ Open*. 2019; 9: 6.

<sup>2</sup> Caughey G, et al. Quality and safety indicators for home care recipients in Australia: development and cross-sectional analyses. *BMJ Open*. 2022; 12: e063152.

# ROSA OMS Home Care Report Summary for South Australia 2024

There were 16,843 home care package recipients receiving care from 119 services in South Australia enrolled in the ROSA in 2021-22. The median age of this cohort was 83 years old, 65% were women, and 16% had a diagnosis of dementia.

## MEDICATION-RELATED INDICATORS



5.6% used an **antipsychotic**



26.2% experienced a **high sedative load**



13.2% had **chronic opioid use**



48.0% used an **antibiotic**

## HOSPITALISATION OR MORTALITY-RELATED INDICATORS



11.0% had at least one **fall** requiring hospitalisation



3.0% had a hospitalisation involving **malnutrition or weight loss**



4.5% had at least one **fracture** requiring hospitalisation



11.2% of the people living with dementia were **hospitalised for delirium or dementia**



0.1% had **premature mortality**



40.9% had an **emergency department presentation**



2.7% were hospitalised for a **medication-related event**



2.3% had a hospitalisation involving a **pressure injury**

## SERVICE-RELATED INDICATORS



43.7% received a **chronic disease management plan**



2.6% had a **home medicines review**



78.0% **waited more than 6 months** from an aged care eligibility assessment approval to commencement of home care episode