



Supporting Information

Supplementary methods and figures

**This appendix was part of the submitted manuscript and has been peer reviewed.
It is posted as supplied by the authors.**

Appendix to: Harrison SL, Sluggett JK, Lang C, et al. The dispensing of psychotropic medicines to older people before and after they enter residential aged care. *Med J Aust* 2020; doi: 10.5694/mja2.50501.

Supplementary methods

Data linkage criteria

The Medicare Enrolments File (MEF) contains Medicare enrolment data for all persons enrolled in Medicare since its inception in 1984. Details are updated when new data are provided to Medicare, creating a new record with dates of change included. The Australian Institute of Health and Welfare (AIHW) receives a copy of the MEF from the Department of Health for use in linkage projects that require Pharmaceutical Benefits Scheme (PBS) data, such as the Registry of Senior Australians (ROSA). The MEF also includes some basic demographic data, such as age and sex. Each person on the MEF has a unique person identification number (PIN), which the AIHW uses to extract the relevant data from the Department of Health Enterprise Data Warehouse (EDW) for approved data linkage projects, such as the ROSA. The PIN is used to extract all in-scope PBS information.

Table 1. Aged care assessment codes for identifying residents with dementia

Aged care assessment codes	Condition	Equivalent ICD-10-AM codes
0500	Dementia in Alzheimer disease	F00
0501	Dementia in Alzheimer disease with early onset (< 65 years)	F00.0, G30
0502	Dementia in Alzheimer disease with late onset (> 65 years)	F00.1, G30
0503	Dementia in Alzheimer disease, atypical or mixed type	F00.2, G30
0504	Dementia in Alzheimer disease, unspecified	F00.9, G30
0510	Vascular dementia	F01
0511	Vascular dementia of acute onset	F01.0
0512	Multi-infarct dementia	F01.1
0513	Subcortical vascular dementia	F01.2
0514	Mixed cortical and subcortical vascular dementia	F01.3
0515	Other vascular dementia	F01.8
0516	Vascular dementia – unspecified	F01.9
0520	Dementia in other diseases classified elsewhere	F02
0521	Dementia in Pick disease	F02.0
0522	Dementia in Creutzfeldt-Jakob disease	F02.1
0523	Dementia in Huntington disease	F02.2
0524	Dementia in Parkinson disease	F02.3
0525	Dementia in human immunodeficiency virus disease	F02.4
0526	Dementia in other specified diseases classified elsewhere	F02.8
0530	Other dementia	F10.7, F03
0531	Alcoholic dementia	F10.7
0532	Unspecified dementia (includes presenile and senile dementia)	F03

ICD-10-AM = International Classification of Diseases, revision 10, Australian modification. All codes are used in the assessment prior to entering residential aged care; for the assessment at entry to residential aged care, dementia is identified using only the codes in bold.

Supplementary figures

Figure 1. Antipsychotic dispensing before and after entering residential aged care, by dementia status

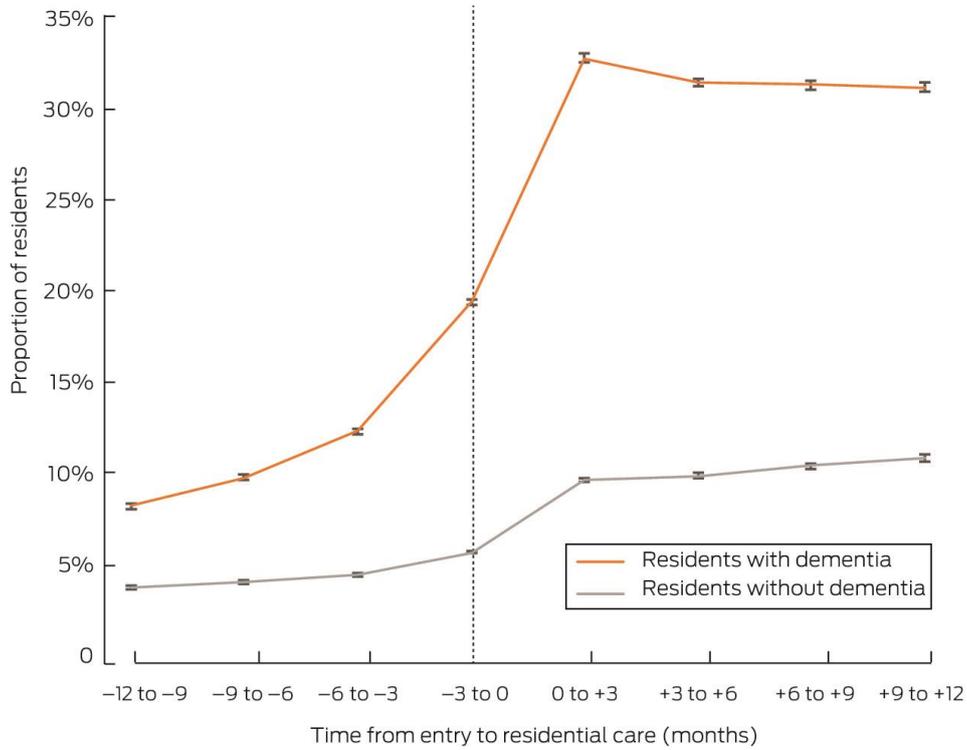


Figure 2. Benzodiazepine dispensing before and after entering residential aged care, by dementia status

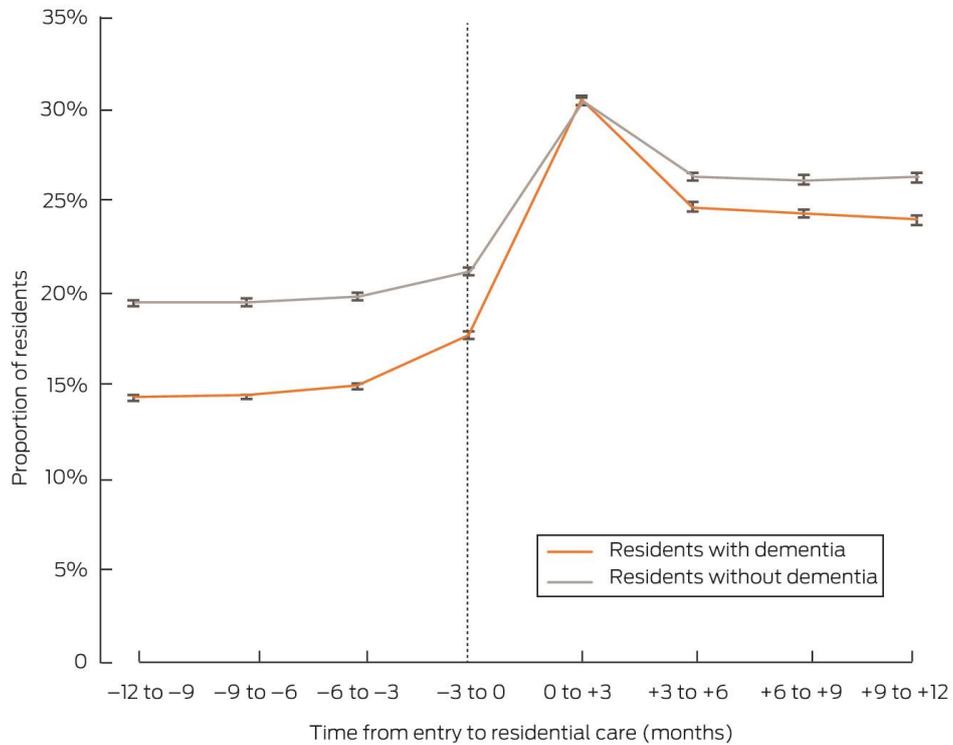


Figure 3. Antidepressant dispensing before and after entering residential aged care, by dementia status

