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Indicator: Antipsychotic Use

Indicator Definition

Proportion of residents dispensed an antipsychotic

Indicator Specification

Numerator data source

PBS

Numerator

Number of permanent residents who have been dispensed at least one antipsychotic medication during the reporting period (Table 1)

Table 1. Antipsychotic medications, descriptions and ATC codes

Description	Code
Chlorpromazine	N05AA01
Fluphenazine	N05AB02[1]
Trifluoperazine	N05AB06[1]
Periciazine	N05AC01
Haloperidol	N05AD01
Ziprasidone	N05AE04
Lurasidone	N05AE05
Flupentixol	N05AF01
Zuclopenthixol	N05AF05
Clozapine	N05AH02
Olanzapine	N05AH03
Quetiapine	N05AH04
Asenapine	N05AH05
Amisulpride	N05AL05
Risperidone	N05AX08
Aripiprazole	N05AX12
Paliperidone	N05AX13
Cariprazine	N05AX15
Brexpiprazole	N05AX16[2]

[1]Fluphenazine on PBS until 2017, and Trifluoperazine on PBS until 2018.
[2]Brexpiprazole on PBS since Oct 2017.
PBS: Pharmaceutical Benefits Scheme. **ATC:** Anatomical Therapeutic Chemical.

Denominator

Number of permanent residents

Exclusions

Exclude from denominator and numerator any that have the reported health conditions of schizophrenia or Huntington's disease (Table 2)

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Table 2. Health conditions, ACAP MDS V2.0/NSAF, ACFI, and ICD-10 descriptions and codes

Data source	Description	Code
NACDC-ACAP/NSAF[1]	Dementia in Huntington's disease	0523
	Huntington's disease	0602
	Schizophrenia	0551
ACFI[2]	Huntington's disease	0602
	Psychoses e.g. schizophrenia, paranoid states	550B
Data source	**Description[3]**	**ICD-10-AM codes**
SA APC, SA NAEC, NSW APDC, NSW EDDC, VAED, VAMD, QLD EDC, QHAPDC	Dementia in Huntington's disease (G10+)	F02.2
	Huntington's disease	G10
	Schizophrenia	F20*
	Schizotypal disorders	F21*
	Persistent delusional disorders	F22*
	Acute polymorphic psychotic disorder with symptoms of schizophrenia	F23.1*
	Schizoaffective disorders	F25*
	Schizophrenia	U792

[1]Reported at any prior ACAT assessment or NSAF assessment. [2] Any prior ACFI assessments (prior to 1 Oct 2022). [3] Hospitalisations or ED presentations for or with schizophrenia in the 365 days prior to the start of the reporting period or date of entry into permanent aged care for new residents during the reporting period.
ACAT: Aged Care Assessment Team. **ACFI:** Aged Care Funding Instrument. **NACDC:** National Aged Care Data Clearinghouse. **ACAP:** Aged Care Eligibility Assessment Program. **NSAF:** National Screening and Assessment Form. **MDS V2.0:** Minimum Dataset V2.0. **ICD-10-AM:** International Classification of Diseases, Tenth Revision, Australian Modification. **SA APC:** South Australian Admitted Patient Care; **SA NAEC:** South Australian Non-Admitted Emergency Care; **NSW APDC:** New South Wales Admitted Patient Data Collection; **NSW EDDC:** New South Wales Emergency Department Data Collection; **VAED:** Victorian Admitted Episodes Dataset; **VEMD:** Victorian Emergency Minimum Dataset; **QLD EDC:** Queensland Emergency Department Collection; **QHAPDC:** Queensland Hospital Admitted Patient Data Collection.

Covariates

Age, sex, number of health conditions, antipsychotic use in the 365 days prior to the reporting period or entry into permanent residential aged care (Table 1)

Stratifications

By dementia status (Table 3)

Table 3. Dementia diagnoses, including ACAP MDSV2.0, NSAF codes[2], ACFI, ATC codes and used ICD-10 AM codes for ascertainment

	Description[1]	Coding
Data Source	**Condition**	**ACAP MDSV2.0 and NSAF code**
ACAP, NSAF[1], ACFI[2]	**Dementia in Alzheimer's disease**	**0500**
	Dementia in Alzheimer's disease with early onset (<65 yrs)	0501
	Dementia in Alzheimer's disease with late onset (>65 yrs)	0502
	Dementia in Alzheimer's disease, atypical or mixed type	0503
	Dementia in Alzheimer's disease, unspecified	0504
	Vascular dementia	**0510**
	Vascular dementia of acute onset	0511
	Multi-infarct dementia	0512
	Subcortical vascular dementia	0513

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	Mixed cortical & subcortical vascular dementia	0514
	Other vascular dementia	0515
	Vascular dementia – unspecified	0516
	Dementia in other diseases classified elsewhere	**0520**
	Dementia in Pick's disease	0521
	Dementia in Creutzfeldt-Jakob disease	0522
	Dementia in Huntington's disease	0523
	Dementia in Parkinson's disease	0524
	Dementia in human immunodeficiency virus (HIV) disease	0525
	Dementia in other specified diseases classified elsewhere	0526
	Lewy body dementia	0584
	Other dementia	**0530**
	Alcoholic dementia	0531
	Unspecified dementia (includes presenile & senile dementia)	0532
	Delirium superimposed on dementia	0542

Data Source	Drug name	ATC codes
PBS	Donepezil	N06DA02
	Rivastigmine	N06DA03
	Galantamine	N06DA04
	Memantine	N06DX01
	Risperidone for dementia	N05AX08 AND PBS item codes 08787L, 08788M, 08789N, 08790P, 08791Q, 09293D, 01842Y, 11869Q, 11872W, 11874Y, 11877D, 11873X, 11879F, 11881H, 11882J

Data Source	Description	ICD-10 AM codes
SA APC, SA NAEC, NSW APDC, NSW EDDC, VAED, VAMD, QLD EDC, QHAPDC	Dementia in Alzheimer's disease	F00*
	Vascular dementia	F01*
	Dementia in other diseases classified elsewhere	F02*
	Unspecified dementia	F03*
	Delirium superimposed on dementia	F05.1
	Alzheimer's disease	G30*
	Lewy body disease	G31.3
	Dementia (including in Alzheimer's disease)	U79.1

[1]All codes are used in the assessment conducted prior to entering residential aged care. [2]In the ACFI assessment prior to 1 October 2022, dementia is only identified using the codes in bold.

ACAP: Aged Care Assessment Program; **NSAF:** National Screening and Assessment Form; **ACFI:** Aged Care Funding Instrument; **PBS:** Pharmaceutical Benefits Scheme. **ICD-10-AM:** International Classification of Diseases, Tenth Revision, Australian Modification. **SA APC:** South Australian Admitted Patient Care; **SA NAEC:** South Australian Non-Admitted Emergency Care; **NSW APDC:** New South Wales Admitted Patient Data Collection; **NSW EDDC:** New South Wales Emergency Department Data Collection; **VAED:** Victorian Admitted Episodes Dataset; **VEMD:** Victorian Emergency Minimum Dataset; **QLD EDC:** Queensland Emergency Department Collection; **QHAPDC:** Queensland Hospital Admitted Patient Data Collection.

Comments

None

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Any enquires about, or comments on, this Technical Specification document should be directed to:

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