

## Indicator: Delirium or Dementia-related Hospitalisation

| Data Sources                                                      | Definition                                                                                                                                 | Numerator                                                                                                                                                                            | Denominator                                                           | Comments | Covariates                                                |
|-------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------|----------|-----------------------------------------------------------|
| SA APC, SA NAEC, NSW APDC, NSW EDDC, VAED, VEMD, QLD EDC, QHAPDC. | Proportion of home care recipients with dementia who had an emergency department presentation or hospitalisation for delirium or dementia. | Number of home care recipients with dementia who had an emergency department presentation or hospitalisation for dementia or delirium (principal discharge diagnosis) (Table 1). (1) | Number of home care recipients with dementia diagnosis <sup>1</sup> . |          | Age, sex, number of health conditions excluding dementia. |

<sup>1</sup>Dementia was ascertained based on reporting of conditions from the aged care eligibility assessments and Rx-Risk-V.

**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.

**Table 1. Delirium and Dementia, descriptions and ICD-10-AM codes.**

| Description                                                                          | Code  |
|--------------------------------------------------------------------------------------|-------|
| Other symptoms and signs involving cognitive functions and awareness                 | R41   |
| Disorientation, unspecified                                                          | R41.0 |
| Other and unspecified symptoms and signs involving cognitive functions and awareness | R41.8 |
| Alzheimer's disease                                                                  | G30*  |
| Lewy body disease                                                                    | G31.3 |
| Dementia in Alzheimer's disease                                                      | F00*  |
| Vascular dementia                                                                    | F01*  |
| Dementia in other diseases classified elsewhere                                      | F02*  |
| Unspecified dementia                                                                 | F03*  |
| Delirium, not induced by alcohol and other psychoactive substances                   | F05*  |

**ICD-10-AM:** International Classification of Diseases, Tenth Revision, Australian Modification.

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

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**References**

1. Wilkinson T, Ly A, Schnier C, et al. Identifying dementia cases with routinely collected health data: A systematic review. *Alzheimers Dement.* 2018;14(8):1038-1051.