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Indicator: Weight Loss or Malnutrition-related Hospitalisation

Indicator Definition

Proportion of residents with any emergency department presentation or hospitalisation, where weight loss or malnutrition were recorded.

Indicator Specification

Numerator data source

SA APC, SA NAEC, NSW APDC, NSW EDDC, VAED, VAMD, QLD EDC, QHAPDC

Numerator

Number of permanent residents who had an emergency department presentation or hospitalisation where malnutrition or weight loss was recorded in any of the discharge diagnoses for the encounter (Table 1)

Table 1. Weight loss or malnutrition, descriptions and ICD-10-AM codes

Description	Codes
Unspecified severe protein-calorie malnutrition	E43
Moderate protein-calorie malnutrition	E44.0
Mild protein-calorie malnutrition	E44.1
Unspecified protein-calorie malnutrition	E46
Nutritional deficiency, unspecified	E63.9
Abnormal weight loss	R63.4
Underweight	R63.6
Cachexia, applicable to wasting syndrome	R64
Underweight: Body mass index 19.9 or less, adult	Z68.1

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

Denominator

Number of permanent residents who are not receiving pharmacological cancer treatment or palliative care

Exclusions

Residents who are receiving pharmacological cancer treatment or palliative care (Table 2)

Covariates

Age, sex, number of health conditions, AN-ACC classification (Table 3)

Table 2. Cancer treatment and palliative care, descriptions, ATC codes, ACFI code

Data Source	Description	Code
PBS	Antineoplastic and immunomodulating agents[1]	L01*
NACDC – AN-ACC	Palliative care was ascertained from Class 1 of AN-ACC Classification[2]	Class 1 (admit for palliative care)

[1] A resident was classified as receiving pharmacological treatment for cancer if any medicine with the 2nd level ATC L01 was supplied in the 182 days prior to the reporting period or entry into permanent residential aged care.

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[2] A resident was flagged as receiving palliative care if AN-ACC Class 1 classification level was assigned to the resident. Otherwise, it was assumed that the resident was not receiving palliative care. Only the most recent care needs assessment using the AN-ACC assessment tool up to 90 days post-entry into permanent residential aged care was used. The most recent assessment was identified as the assessment with the fewest days between the assessment start date and the date of entry into care. If the person was already in permanent residential aged care 90 days prior to the start of the reporting period, the most recent past AN-ACC assessment (any) prior to the reporting period start date was used. If the first entry into permanent residential aged care occurred within 90 days prior to start of the reporting period or during the reporting period, the first AN-ACC assessment within 90 days post-entry into care was used. As for the health condition indicators derived from the ACAP/NSAF assessments, this characteristic is missing only if the resident has no care needs assessment using the AN-ACC assessment tool within the allowed time frame. **ATC**: Anatomical Therapeutic Chemical Classification System. **ACFI:** Aged Care Funding Instrument. **PBS**: Pharmaceutical Benefits Scheme. **ACAP:** Aged Care Assessment Program. **NSAF:** National Screening and Assessment Form. **AN-ACC:** Australian National Aged Care Classification.

Table 3. AN-ACC classification

Data source	Description	Codes
NACDC-AN-ACC	Classification of residents that reflects their characteristics, care needs and determines the associated variable residential care subsidy, which is determined through residential aged care funding assessment using the AN-ACC assessment tool. There are 13 AN-ACC classes for permanent residents, including a class for planned admissions for palliative care.	1 – Class 1 (admit for palliative care) 2 – Class 2 (independent without compounding factors) 3 – Class 3 (independent with compounding factors) 4 – Class 4 (assisted mobility, high cognition without compounding factors) 5 – Class 5 (assisted mobility, high cognition with compounding factors) 6 – Class 6 (assisted mobility, medium cognition without compounding factors) 7 – Class 7 (assisted mobility, high cognition with compounding factors) 8 – Class 8 (assisted mobility, low cognition) 9 – Class 9 (not mobile, higher function without compounding factors) 10 – Class 10 (not mobile, higher function with compounding factors) 11 – Class 11 (not mobile, lower function, lower pressure sore risk) 12 – Class 12 (not mobile, lower function, higher pressure sore risk without compounding factors) 13 – Class 13 (not mobile, lower function, higher pressure sore risk with compounding factors)

NACDC: National Aged Care Data Clearinghouse. **AN-ACC:** Australian National Aged Classification.

Comments
SA datasets only capture public hospital encounters. This indicator will be outputted for SA along vs NSW, VIC and QLD combined

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

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