

National Healthcare Agreement: P69-Cost per casemix adjusted separation, 2010

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National Healthcare Agreement: P69-Cost per casemix adjusted separation, 2010

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Indicator
Short name:	Cost per casemix adjusted separation, 2010
METEOR identifier:	395155
Registration status:	Health , Superseded 08/06/2011
Description:	Average cost per casemix adjusted separation for acute and non-acute care in public hospitals.
Indicator set:	National Healthcare Agreement (2010) Health , Superseded 08/06/2011
Outcome area:	Sustainability Health , Standard 07/07/2010
Data quality statement:	National Healthcare Agreement: P69-Cost per casemix adjusted separation, 2010 QS Health , Superseded 08/06/2011

Collection and usage attributes

Computation description:	<p>Total separations excludes newborns without qualified days, and records that do not relate to admitted patients (hospital boarders and posthumous organ procurement).</p> <p>Average cost weight is calculated from the National Hospital Morbidity Database, using the 2007-08 Australian Refined Diagnosis Related Group (AR-DRG) version 5.1 cost weights published by the Department of Health and Ageing.</p> <p>Casemix adjustment is based on Diagnosis Related Group (DRG) assigned to each separation.</p> <p>For more detailed information regarding the methodology, please refer to <i>Australian hospital statistics 2007–08, Appendix 1</i>.</p>
Computation:	Numerator ÷ Denominator
Numerator:	<p>Total reported recurrent expenditure (excluding depreciation) multiplied by the admitted patient cost proportion** reported for each hospital</p> <p>** The estimated proportion of total hospital expenditure that relates to admitted patient care.</p>

Numerator data elements:	Data Element / Data Set Establishment—recurrent expenditure (repairs and maintenance) (financial year), total Australian currency N[N(8)] Data Source National Public Hospital Establishment Database (NPHEd) Guide for use Data source type: Administrative by-product data
	Data Element / Data Set Establishment—recurrent expenditure (medical and surgical supplies) (financial year), total Australian currency N[N(8)]

Data Source

[National Public Hospital Establishment Database \(NPHEd\)](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

[Establishment—recurrent expenditure \(superannuation employer contributions\) \(financial year\), total Australian currency N\[N\(8\)\]](#)

Data Source

[National Public Hospital Establishment Database \(NPHEd\)](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

[Establishment—recurrent expenditure \(salaries and wages\) \(financial year\), total Australian currency N\[N\(8\)\]](#)

Data Source

[National Public Hospital Establishment Database \(NPHEd\)](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

[Establishment—recurrent expenditure \(patient transport cost\) \(financial year\), total Australian currency N\[N\(8\)\]](#)

Data Source

[National Public Hospital Establishment Database \(NPHEd\)](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

[Establishment—recurrent expenditure \(visiting medical officer payments\) \(financial year\), total Australian currency N\[N\(8\)\]](#)

Data Source

[National Public Hospital Establishment Database \(NPHEd\)](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

[Establishment—recurrent expenditure \(administrative expenses\) \(financial year\), total Australian currency N\[N\(8\)\]](#)

Data Source

[National Public Hospital Establishment Database \(NPHEd\)](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

[Establishment—recurrent expenditure \(other recurrent expenditure\) \(financial year\), total Australian currency N\[N\(8\)\]](#)

Data Source

[National Public Hospital Establishment Database \(NPHEd\)](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

[Establishment—recurrent expenditure \(interest payments\) \(financial year\), total Australian currency N\[N\(8\)\]](#)

Data Source

[National Public Hospital Establishment Database \(NPHEd\)](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

[Establishment—recurrent expenditure \(drug supplies\) \(financial year\), total Australian currency N\[N\(8\)\]](#)

Data Source

[National Public Hospital Establishment Database \(NPHEd\)](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

[Establishment—recurrent expenditure \(domestic services\) \(financial year\), total Australian currency N\[N\(8\)\]](#)

Data Source

[National Public Hospital Establishment Database \(NPHEd\)](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

[Establishment—recurrent expenditure \(food supplies\) \(financial year\), total Australian currency N\[N\(8\)\]](#)

Data Source

[National Public Hospital Establishment Database \(NPHEd\)](#)

Guide for use

Data source type: Administrative by-product data

Denominator:

Total casemix adjusted separations reported for acute and non-acute care in public hospitals

Denominator data elements:**Data Element / Data Set****Data Element**

AR-DRG version 5.1 public sector cost weights (2007-08)

Data Source

[National Hospital Cost Data Collection \(NHCDC\)](#)

Guide for use

Data source type: Study of selected volunteer hospitals

Data Element / Data Set

[Hospital service—care type, code N\[N\].N](#)

Data Source

[Admitted Patient Care National Minimum Data Set \(APC NMDS\)](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

[Episode of admitted patient care—diagnosis related group, code \(AR-DRG v5.1\) ANNA](#)

Data Source

[Admitted Patient Care National Minimum Data Set \(APC NMDS\)](#)

Guide for use

Data source type: Administrative by-product data

Disaggregation data elements:**Data Element / Data Set****Data Element**

Public hospital peer group

Data Source

[National Public Hospital Establishment Database \(NPHEd\)](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

[Establishment—organisation identifier \(Australian\), NNX\[X\]NNNNN](#)

Data Source

[National Public Hospital Establishment Database \(NPHEd\)](#)

Guide for use

Data source type: Administrative by-product data

Comments: Specified Disaggregation: State/territory by public hospital peer group.
Available Disaggregation: State/territory by public hospital peer group.

Most recent data available for 2010 CRC baseline report: 2007-08.

2008-09 data should be available in June 2010.

Representational attributes

Representation class: Mean (average)

Data type: Monetary amount

Unit of measure: Currency

Format: NNNN

Indicator conceptual framework

Framework and dimensions: [Efficiency & Sustainability](#)

Data source attributes

Data sources:

Data Source

[National Hospital Cost Data Collection \(NHCDC\)](#)

Frequency

Annual

Data custodian

Department of Health and Ageing

Data Source

[National Public Hospital Establishment Database \(NPHEd\)](#)

Frequency

Annual

Data custodian

Australian Institute of Health and Welfare

Data Source

[Admitted Patient Care National Minimum Data Set \(APC NMDS\)](#)

Frequency

Annual

Data custodian

Australian Institute of Health and Welfare

Accountability attributes

Reporting requirements: National Healthcare Agreement

Organisation responsible for providing data: Australian Institute of Health and Welfare

Further data development / collection required: Specification is likely to be interim.

This work will be progressed by the relevant NP Implementation Group, convened by the Department of Health and Ageing (DoHA). Only three jurisdictions have an estimate of costs for acute and total admitted patient activity, and this proportion is for public hospitals. This PI will require development of additional expenditure collections as well as development of uniform indicators using that collection.

Other issues caveats: Data limited to public hospitals in 2007–08.

Relational attributes

Related metadata references: Has been superseded by [National Healthcare Agreement: PI 69-Cost per casemix adjusted separation, 2011](#)
[Health](#), Superseded 31/10/2011