

# 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:	<a href="#">Health</a> , Superseded 08/06/2011
Description:	Average cost per casemix adjusted separation for acute and non-acute care in public hospitals.
Indicator set:	<a href="#">National Healthcare Agreement (2010)</a> <a href="#">Health</a> , Superseded 08/06/2011
Outcome area:	<a href="#">Sustainability</a> <a href="#">Health</a> , Standard 07/07/2010
Data quality statement:	<a href="#">National Healthcare Agreement: P69-Cost per casemix adjusted separation, 2010 QS</a> <a href="#">Health</a> , Superseded 08/06/2011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:	<b>Data Element / Data Set</b>  <a href="#">Establishment—recurrent expenditure (repairs and maintenance) (financial year), total Australian currency N[N(8)]</a>  <b>Data Source</b>  <a href="#">National Public Hospital Establishment Database (NPHEd)</a>  <b>Guide for use</b>  Data source type: Administrative by-product data
	<b>Data Element / Data Set</b>  <a href="#">Establishment—recurrent expenditure (medical and surgical supplies) (financial year), total Australian currency N[N(8)]</a>

**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