

# National Healthcare Agreement: PI 69-Cost per casemix adjusted separation, 2011

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# National Healthcare Agreement: PI 69-Cost per casemix adjusted separation, 2011

## Identifying and definitional attributes

<b>Metadata item type:</b>	Indicator
<b>Indicator type:</b>	Progress measure
<b>Short name:</b>	PI 69-Cost per casemix adjusted separation, 2011
<b>METEOR identifier:</b>	421565
<b>Registration status:</b>	<a href="#">Health!</a> , Superseded 31/10/2011
<b>Description:</b>	Average cost per casemix-adjusted separation for acute and non-acute care in public and private hospitals.
<b>Indicator set:</b>	<a href="#">National Healthcare Agreement (2011)</a> <a href="#">Health!</a> , Superseded 31/10/2011
<b>Outcome area:</b>	<a href="#">Sustainability</a> <a href="#">Health!</a> , Standard 07/07/2010
<b>Data quality statement:</b>	<a href="#">National Healthcare Agreement: PI 69-Cost per casemix adjusted separation, 2011 QS</a> <a href="#">Health!</a> , Superseded 04/12/2012

## Collection and usage attributes

<b>Computation description:</b>	<p>Excludes newborns with no qualified days, and records that do not relate to admitted patients (boarders and posthumous organ procurement).</p> <p>Limited to public hospitals in 2007-08 and 2008-09.</p> <p>National Hospital Cost Data Collection (NHCDC) cost weights for the reporting year (or most recently available) will be used to calculate casemix-adjusted separations.</p> <p>Casemix adjustment is based on the Australian Refined Diagnosis Related Group (AR-DRG) assigned to each separation.</p> <p>Data are provided in both current and constant prices (deflated by the ABS Government Final Consumption Expenditure, State and Local—Hospitals and Nursing Homes deflator).</p> <p><u>Recurrent expenditure</u> is the expenditure measured in Australian dollars incurred by establishments for a financial year.</p> <p><u>Depreciation</u> charges are measured in Australian dollars for a financial year.</p> <p><u>IFRAC</u> (inpatient fraction) is the ratio of admitted patient costs to total hospital costs—also known as the admitted patient cost proportion.</p> <p><u>Casemix</u> refers to the range and types of patients treated by a hospital or health service.</p> <p>Presented as dollars.</p>			
<b>Computation:</b>	Numerator ÷ Denominator			
<b>Numerator:</b>	Total reported recurrent expenditure (excluding depreciation) multiplied by the admitted patient cost proportion (IFRAC) reported for each hospital.			
<b>Numerator data elements:</b>	<table border="1"><thead><tr><th>Data Element / Data Set</th></tr></thead><tbody><tr><td><a href="#">Establishment—recurrent expenditure (repairs and maintenance) (financial year), total Australian currency N[N(8)]</a></td></tr><tr><td>Data Source</td></tr></tbody></table>	Data Element / Data Set	<a href="#">Establishment—recurrent expenditure (repairs and maintenance) (financial year), total Australian currency N[N(8)]</a>	Data Source
Data Element / Data Set				
<a href="#">Establishment—recurrent expenditure (repairs and maintenance) (financial year), total Australian currency N[N(8)]</a>				
Data Source				

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

**NMDS / DSS**

[Public hospital establishments NMDS 2008-09](#)

**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 \(NPHEd\)](#)

**NMDS / DSS**

[Public hospital establishments NMDS 2008-09](#)

**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 \(NPHEd\)](#)

**NMDS / DSS**

[Public hospital establishments NMDS 2008-09](#)

**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 \(NPHEd\)](#)

**NMDS / DSS**

[Public hospital establishments NMDS 2008-09](#)

**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 \(NPHEd\)](#)

**NMDS / DSS**

[Public hospital establishments NMDS 2008-09](#)

**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 \(NPHEd\)](#)

**NMDS / DSS**

[Public hospital establishments NMDS 2008-09](#)

**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 \(NPHEd\)](#)

**NMDS / DSS**

[Public hospital establishments NMDS 2008-09](#)

**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 \(NPHEd\)](#)

**NMDS / DSS**

[Public hospital establishments NMDS 2008-09](#)

**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 \(NPHEd\)](#)

**NMDS / DSS**

[Public hospital establishments NMDS 2008-09](#)

**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 \(NPHEd\)](#)

**NMDS / DSS**

[Public hospital establishments NMDS 2008-09](#)

**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 \(NPHEd\)](#)

**NMDS / DSS**

[Public hospital establishments NMDS 2008-09](#)

**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 \(NPHEd\)](#)

**NMDS / DSS**

[Public hospital establishments NMDS 2008-09](#)

**Guide for use**

Data source type: Administrative by-product data

**Denominator:**

Total casemix-adjusted separations reported for acute care public and private hospitals.

**Denominator data elements:**

**Data Element / Data Set**

AR-DRG version 5.1 public sector cost weights (2008-09)

**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**

[National Hospital Morbidity Database \(NHMD\)](#)

**NMDS / DSS**

[Admitted patient care NMDS 2008-09](#)

**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**

[National Hospital Morbidity Database \(NHMD\)](#)

**NMDS / DSS**

[Admitted patient care NMDS 2008-09](#)

**Guide for use**

Data source type: Administrative by-product data

**Disaggregation:**

Disaggregation: 2007–08 and 2008–09—States and territory, by public hospital peer group

**Disaggregation data elements:**

**Data Element / Data Set**

Public hospital peer group

**Data Source**

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

**NMDS / DSS**

[Public hospital establishments NMDS 2008-09](#)

**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 \(NPHEd\)](#)

**NMDS / DSS**

[Public hospital establishments NMDS 2008-09](#)

**Guide for use**

Data source type: Administrative by-product data

**Comments:**

Most recent data available for 2011 CRC report: 2007–08 (possible backcast for constant prices) and 2008–09.

## 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**

[National Hospital Morbidity Database \(NHMD\)](#)

**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: Interim

**Other issues caveats:** Data limited to public hospitals in 2007-08 and 2008-09.

For detailed definitions see NHPC 2004 *National Report on Health Sector Performance Indicators 2003*.

Calculation of cost per casemix-adjusted separations for private hospitals would require information on recurrent expenditure and admitted patient cost proportion for individual private hospital establishments, and casemix-adjusted separations for private hospitals. Comparison across public and private sectors would require information on costs excluded from private hospital expenditure that are charged to the Medicare Benefits Schedule (MBS)/Pharmaceutical Benefits Scheme (PBS).

## Relational attributes



**Related metadata references:**

Supersedes [National Healthcare Agreement: P69-Cost per casemix adjusted separation, 2010](#)

[Health!](#), Superseded 08/06/2011

Has been superseded by [National Healthcare Agreement: PI 69-Cost per casemix adjusted separation, 2012](#)

[Health!](#), Retired 25/06/2013