

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

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Progress measure
Short name:	PI 69-Cost per casemix adjusted separation, 2011
METEOR identifier:	421565
Registration status:	<ul style="list-style-type: none">• Health, Superseded 31/10/2011
Description:	Average cost per casemix-adjusted separation for acute and non-acute care in public and private hospitals.
Indicator set:	National Healthcare Agreement (2011) Health , Superseded 31/10/2011
Outcome area:	Sustainability Health , Standard 07/07/2010
Quality statement:	National Healthcare Agreement: PI 69-Cost per casemix adjusted separation, 2011 QS Health, Superseded 04/12/2012

Collection and usage attributes

Computation description:	<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>		
Computation:	Numerator ÷ Denominator		
Numerator:	Total reported recurrent expenditure (excluding depreciation) multiplied by the admitted patient cost proportion (IFRAC) reported for each hospital.		
Numerator data elements:	<table border="1"><thead><tr><th>Data Element / Data Set</th></tr></thead><tbody><tr><td>Establishment—recurrent expenditure (repairs and maintenance) (financial year), total Australian currency N[N(8)]</td></tr></tbody></table>	Data Element / Data Set	Establishment—recurrent expenditure (repairs and maintenance) (financial year), total Australian currency N[N(8)]
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 \(NPHEd\)](#)

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

Data Element

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

Data Element
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).

Source and reference attributes

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: P169-Cost per casemix adjusted separation, 2012](#)

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