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

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| 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| Registration status: | [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 31/10/2011 |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(2011)](https://meteor.aihw.gov.au/content/423587)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 31/10/2011 |
| Outcome area: | [Sustainability](https://meteor.aihw.gov.au/content/393495)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 07/07/2010 |
| Data quality statement: | [National Healthcare Agreement: PI 69-Cost per casemix adjusted separation, 2011 QS](https://meteor.aihw.gov.au/content/449099)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 04/12/2012 |

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| Collection and usage attributes | |
| Computation description: | Excludes newborns with no qualified days, and records that do not relate to admitted patients (boarders and posthumous organ procurement).  Limited to public hospitals in 2007-08 and 2008-09.  National Hospital Cost Data Collection (NHCDC) cost weights for the reporting year (or most recently available) will be used to calculate casemix-adjusted separations.  Casemix adjustment is based on the Australian Refined Diagnosis Related Group (AR-DRG) assigned to each separation.  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).  Recurrent expenditure is the expenditure measured in Australian dollars incurred by establishments for a financial year.  Depreciation charges are measured in Australian dollars for a financial year.  IFRAC (inpatient fraction) is the ratio of admitted patient costs to total hospital costs—also known as the admitted patient cost proportion.  Casemix refers to the range and types of patients treated by a hospital or health service.  Presented as dollars. |
| 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: | **Data Element / Data Set**  [Establishment—recurrent expenditure (repairs and maintenance) (financial year), total Australian currency N[N(8)]](https://meteor.aihw.gov.au/content/269970)  **Data Source**  [National Public Hospital Establishment Database (NPHED)](https://meteor.aihw.gov.au/content/395090)  **NMDS / DSS**  [Public hospital establishments NMDS 2008-09](https://meteor.aihw.gov.au/content/362302)  **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)]](https://meteor.aihw.gov.au/content/270358)  **Data Source**  [National Public Hospital Establishment Database (NPHED)](https://meteor.aihw.gov.au/content/395090)  **NMDS / DSS**  [Public hospital establishments NMDS 2008-09](https://meteor.aihw.gov.au/content/362302)  **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)]](https://meteor.aihw.gov.au/content/270371)  **Data Source**  [National Public Hospital Establishment Database (NPHED)](https://meteor.aihw.gov.au/content/395090)  **NMDS / DSS**  [Public hospital establishments NMDS 2008-09](https://meteor.aihw.gov.au/content/362302)  **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)]](https://meteor.aihw.gov.au/content/270470)  **Data Source**  [National Public Hospital Establishment Database (NPHED)](https://meteor.aihw.gov.au/content/395090)  **NMDS / DSS**  [Public hospital establishments NMDS 2008-09](https://meteor.aihw.gov.au/content/362302)  **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)]](https://meteor.aihw.gov.au/content/270048)  **Data Source**  [National Public Hospital Establishment Database (NPHED)](https://meteor.aihw.gov.au/content/395090)  **NMDS / DSS**  [Public hospital establishments NMDS 2008-09](https://meteor.aihw.gov.au/content/362302)  **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)]](https://meteor.aihw.gov.au/content/270049)  **Data Source**  [National Public Hospital Establishment Database (NPHED)](https://meteor.aihw.gov.au/content/395090)  **NMDS / DSS**  [Public hospital establishments NMDS 2008-09](https://meteor.aihw.gov.au/content/362302)  **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)]](https://meteor.aihw.gov.au/content/270107)  **Data Source**  [National Public Hospital Establishment Database (NPHED)](https://meteor.aihw.gov.au/content/395090)  **NMDS / DSS**  [Public hospital establishments NMDS 2008-09](https://meteor.aihw.gov.au/content/362302)  **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)]](https://meteor.aihw.gov.au/content/270126)  **Data Source**  [National Public Hospital Establishment Database (NPHED)](https://meteor.aihw.gov.au/content/395090)  **NMDS / DSS**  [Public hospital establishments NMDS 2008-09](https://meteor.aihw.gov.au/content/362302)  **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)]](https://meteor.aihw.gov.au/content/270186)  **Data Source**  [National Public Hospital Establishment Database (NPHED)](https://meteor.aihw.gov.au/content/395090)  **NMDS / DSS**  [Public hospital establishments NMDS 2008-09](https://meteor.aihw.gov.au/content/362302)  **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)]](https://meteor.aihw.gov.au/content/270282)  **Data Source**  [National Public Hospital Establishment Database (NPHED)](https://meteor.aihw.gov.au/content/395090)  **NMDS / DSS**  [Public hospital establishments NMDS 2008-09](https://meteor.aihw.gov.au/content/362302)  **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)]](https://meteor.aihw.gov.au/content/270283)  **Data Source**  [National Public Hospital Establishment Database (NPHED)](https://meteor.aihw.gov.au/content/395090)  **NMDS / DSS**  [Public hospital establishments NMDS 2008-09](https://meteor.aihw.gov.au/content/362302)  **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)]](https://meteor.aihw.gov.au/content/270284)  **Data Source**  [National Public Hospital Establishment Database (NPHED)](https://meteor.aihw.gov.au/content/395090)  **NMDS / DSS**  [Public hospital establishments NMDS 2008-09](https://meteor.aihw.gov.au/content/362302)  **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)](https://meteor.aihw.gov.au/content/395154)  **Guide for use**  Data source type: Study of selected volunteer hospitals  **Data Element / Data Set**  [Hospital service—care type, code N[N].N](https://meteor.aihw.gov.au/content/270174)  **Data Source**  [National Hospital Morbidity Database (NHMD)](https://meteor.aihw.gov.au/content/394352)  **NMDS / DSS**  [Admitted patient care NMDS 2008-09](https://meteor.aihw.gov.au/content/361679)  **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](https://meteor.aihw.gov.au/content/270195)  **Data Source**  [National Hospital Morbidity Database (NHMD)](https://meteor.aihw.gov.au/content/394352)  **NMDS / DSS**  [Admitted patient care NMDS 2008-09](https://meteor.aihw.gov.au/content/361679)  **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)](https://meteor.aihw.gov.au/content/395090)  **NMDS / DSS**  [Public hospital establishments NMDS 2008-09](https://meteor.aihw.gov.au/content/362302)  **Guide for use**  Data source type: Administrative by-product data  **Data Element / Data Set**  [Establishment—organisation identifier (Australian), NNX[X]NNNNN](https://meteor.aihw.gov.au/content/269973)  **Data Source**  [National Public Hospital Establishment Database (NPHED)](https://meteor.aihw.gov.au/content/395090)  **NMDS / DSS**  [Public hospital establishments NMDS 2008-09](https://meteor.aihw.gov.au/content/362302)  **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](https://meteor.aihw.gov.au/content/392586) |
| Data source attributes | |
| Data sources: | **Data Source**  [National Hospital Cost Data Collection (NHCDC)](https://meteor.aihw.gov.au/content/395154)  **Frequency**  Annual  **Data custodian**    Department of Health and Ageing    **Data Source**  [National Public Hospital Establishment Database (NPHED)](https://meteor.aihw.gov.au/content/395090)  **Frequency**  Annual  **Data custodian**  Australian Institute of Health and Welfare  **Data Source**  [National Hospital Morbidity Database (NHMD)](https://meteor.aihw.gov.au/content/394352)  **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](https://meteor.aihw.gov.au/content/395155)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Superseded 08/06/2011  Has been superseded by [National Healthcare Agreement: PI 69-Cost per casemix adjusted separation, 2012](https://meteor.aihw.gov.au/content/443715)  [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Retired 25/06/2013 |