National Health Performance Authority, Hospital Performance: Total 'units of activity', Comparable Cost of Care, 2015

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# National Health Performance Authority, Hospital Performance: Total 'units of activity', Comparable Cost of Care, 2015

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| Identifying and definitional attributes |
| Metadata item type: | Indicator |
| Indicator type: | Indicator |
| Short name: | Total 'units of activity' |
| METEOR identifier: | 602645 |
| Registration status: | [National Health Performance Authority (retired)](https://meteor.aihw.gov.au/RegistrationAuthority/8), Retired 01/07/2016 |
| Description: | Total 'units of activity' measures the weighted activity of units in scope for the Comparable Cost of Care indicator. To enable fair comparisons, admitted patients are weighted based on the complexity of the patient as well as other patient specific costs drivers.  |
| Indicator set: | [National Health Performance Authority: Hospital performance: 2011-16](https://meteor.aihw.gov.au/content/528408)       [National Health Performance Authority (retired)](https://meteor.aihw.gov.au/RegistrationAuthority/8), Retired 01/07/2016 |
| Outcome area: | [Hospital and Related Care](https://meteor.aihw.gov.au/content/393487)       [Health](https://meteor.aihw.gov.au/RegistrationAuthority/12), Standard 07/07/2010       [National Health Performance Authority (retired)](https://meteor.aihw.gov.au/RegistrationAuthority/8), Retired 01/07/2016 |

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| Collection and usage attributes |
| Computation description: | Total 'units of activity' are derived from the National Hospital Cost Data Collection Round 16 (2011-12). This collection is managed by the Independent Hospital Pricing Authority. The full dataset specification can be found at <http://www.ihpa.gov.au/internet/ihpa/publishing.nsf/Content/nat-hosp-cost-data-collection-round-16>Total 'units of activity' form the denominator of the National Health Performance Authority's Comparable Cost of Care indicator.Hospital admissions are in-scope for Comparable Cost of Care and Total 'units of activity' if:* The patient is classified as an acute admission
* The patient was admitted and discharged within the 2011-12 financial year
* The patient has a non-error AR-DRG 6.x
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| Computation: | Total 'units of activity' is derived as the sum of weighted separations as calculated for the Comparable Cost of Care indicator.* A weighted separation is derived as;

Weighted Separation = [ CW x (APaed x (1 + ASPA) x ( 1 + AInd + AA +ART) + (AICU x ICUHrs ))]Where:* CW means the Base Cost Weight

i.e. Average comparable cost for a AR-DRG divided by average comparable costs for all AR-DRGs [where weights are calculated using data from major and large hospitals with an emergency department providing data to the NHCDC, and total in-scope costs only]* APaed means the paediatric adjustment
* ASPA means the specialist psychiatric age adjustment
* AInd means the indigenous adjustment
* AA means the remoteness area adjustment
* ART means the radiotherapy adjustment
* AICU means the ICU adjustment
* ICUHrs Means the number of hours spent by a person within a Level 3 ICU/PICU

For the purpose of deriving the Base Cost Weights, the following costs are deemed to be in-scope:

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| **Description** |  |
| **Direct** | **Indirect** |
| Allied Health Cost Bucket | Include | Include |
| Critical Care Cost Bucket | Include | Include |
| Emergency Department Cost Bucket | Include | Include |
| Emergency Department PRO Cost Bucket | Include | Include |
| Hotel Cost Bucket | Include | Include |
| Imaging Cost Bucket | Include | Include |
| Non-Clinical Cost Bucket | Include | Include |
| Oncost Cost Bucket | Include | Include |
| Operating Room Cost Bucket | Include | Include |
| Pathology Cost Bucket | Include | Include |
| Pharmacy Cost Bucket | Include | Include |
| Prosthetic Cost Bucket | Include | Include |
| Specialised Procedure Suite Cost Bucket | Include | Include |
| Ward Supplies Cost Bucket | Include | Include |
| Ward (Medical) Cost Bucket | Include | Include |
| Ward (Nursing) Cost Bucket | Include | Include |

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| Disaggregation: | Hospital |
| Disaggregation data elements: | **Data Element / Data Set**[Establishment—organisation identifier (Australian), NNX[X]NNNNN](https://meteor.aihw.gov.au/content/269973) |
| Representational attributes |
| Representation class: | Count |
| Data type: | Integer |
| Unit of measure: | Service event |
| Format: | Presented values are rounded to the nearest integer |
| Accountability attributes |
| Reporting requirements: | National Health Performance Authority - Performance and Accountability |
| Release date: | 30/04/2015 |
| Source and reference attributes |
| Submitting organisation: | National Health Performance Authority |
| Origin: | Hospital Performance |