

# **Service Agreement - Department of Health and Human Services Tasmania: 2014, Weighted separations, 2014**

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# Service Agreement - Department of Health and Human Services Tasmania: 2014, Weighted separations, 2014

## Identifying and definitional attributes

<b>Metadata item type:</b>	Indicator
<b>Indicator type:</b>	Indicator
<b>Short name:</b>	Weighted separations (care type 1)
<b>METEOR identifier:</b>	581552
<b>Registration status:</b>	<a href="#">Tasmanian Health</a> , Superseded 09/12/2016
<b>Description:</b>	<p>This indicator measures the total weighted separations which indicate the costliness of an Australian Refined Diagnosis Related Group (AR-DRG) relative to all other AR-DRGs such that the average cost weight for all separations is 1.00.</p> <p>A separation for an AR-DRG with a cost weight of 5.0, therefore, on average costs 10 times as much as separations with a cost weight of 0.5.</p>
<b>Indicator set:</b>	<a href="#">Service Agreement - Department of Health and Human Services Tasmania: 2014</a> <a href="#">Tasmanian Health</a> , Superseded 12/12/2016

## Collection and usage attributes

<b>Computation description:</b>	<p>Calculated using the total number of weighted separations for Acute Inpatient Activity (Care Type 1) including Outside Referred Patients and acute mental health inpatient activity.</p> <p>The average cost weight used to construct this indicator is calculated from the National Hospital Morbidity Database, using AR-DRG public cost weights published by the Department of Health and Ageing.</p> <p>Casemix adjustment is based on the round of cost weights attributed to the AR-DRG assigned to each separation.</p> <p>National Hospital Cost Data Collection (NHCDC) Round 16 (2011-12) AR-DRG v6.0x public sector estimated cost weights and AR-DRG v6.0x will be applied to calculate weighted separations for 2014-15.</p> <p>For 2012-13 onwards, this indicator excludes admissions funded by the Tasmanian Government Endoscopy and Elective Surgery Initiative and the National Partnership Agreement on Improving Health Services in Tasmania.</p>
<b>Computation:</b>	<p>The formula to calculate weighted separation is:</p>

$$WSeps = \sum_{i=1}^k n_i \times CW_i$$

where:

$WSeps$	Weighted separations
$n_i$	Number of separations in the $i$ th DRG
$k$	Number of DRGs (in ARDRG)
$CW_i$	Cost weight for the $i$ th DRG

<b>Numerator:</b>	Sum of weighted separations
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**Numerator data elements:****Data Element / Data Set****Data Element**

The [SourceIdentifier] field from the PIC.Dim\_Endo\$4Mill and PIC.Dim\_NPAIHST tables in Health Central is the unique identifier to identify the activities funded by the Tasmanian Government Endoscopy and Elective Surgery Initiative and the National Partnership Agreement on Improving Health Services in Tasmania.

The [SourceIdentifier] field is the ProviderSpellRefNo and is unique to the Waiting List. Internally it is also referred to as the FactWaitingList.SourceIdentifier.

**Data Element / Data Set****Data Element**

AR-DRG version 6.0x public sector cost weights (2011-12) Round 16

**Data Source**

[National Hospital Cost Data Collection \(NHCDC\)](#)

**Data Element / Data Set**

[Episode of admitted patient care—separation date, DDMMYYYY](#)

**Guide for use**

Data is obtained from the [DischargeDateTime] field in Health Central.

**Data Element / Data Set**

[Person—person identifier, identifier \(Tasmanian\) N\(9\)](#)

**Data Element / Data Set**

[Establishment—organisation identifier, \(Tasmanian\) identifier NNNN](#)

**Data Element / Data Set**

[Hospital service—care type, Tasmanian code X\[XXXX\]](#)

**Guide for use**

Data is obtained from the [DischargeCareTypeRefId] field in Health Central and includes the Care type recorded as *Acute care (include qualified neonates)* only.

**Data Element / Data Set**

[Episode of care—source of funding, Tasmanian code XX\[AAAA\]](#)

**Guide for use**

Data is obtained from the [DischargeAdminCategoryRefId] field in Health Central and includes records with the Hospital patient funding source recorded as *Outside referred patient (inpatient)* or *Bulk billed (outside referred patient)*.

**Data Element / Data Set**

[Episode of admitted patient care—diagnosis related group, code \(AR-DRG v 6.0x\) ANNA](#)

**Guide for use**

Data is obtained from the [DRGCodeId] field in Health Central.

**Denominator:**

No denominator

**Disaggregation:**

Specified disaggregation: Hospital.

**Disaggregation data elements:**

**Data Element / Data Set**

[Establishment—organisation identifier, \(Tasmanian\) identifier NNNN](#)

## Representational attributes

**Representation class:**

Count

**Data type:**

Real

**Unit of measure:**

Episode

**Format:**

NNN[NNN].NN

## Data source attributes

**Data sources:**

**Data Source**

[National Hospital Cost Data Collection \(NHCDC\)](#)

**Frequency**

Annual

**Data custodian**

Department of Health and Ageing

## Accountability attributes

**Reporting requirements:**

- 2014-15 Service Agreement

## Relational attributes

**Related metadata references:**

Supersedes [Service Agreement - Department of Health and Human Services Tasmania: 2013, KPI??-Weighted separations, 2013](#)  
[Tasmanian Health](#), Superseded 09/12/2016