

# **Service Agreement - Department of Health and Human Services Tasmania: 2014, Time until most admitted patients (90%) departed emergency department, 2014**

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# Service Agreement - Department of Health and Human Services Tasmania: 2014, Time until most admitted patients (90%) departed emergency department, 2014

## Identifying and definitional attributes

<b>Metadata item type:</b>	Indicator
<b>Indicator type:</b>	Indicator
<b>Short name:</b>	Time until most admitted patients (90%) departed emergency department
<b>METEOR identifier:</b>	581519
<b>Registration status:</b>	<a href="#">Tasmanian Health</a> , Superseded 09/12/2016
<b>Description:</b>	The 90th percentile of total time for emergency department stays for patients who physically leave the emergency department for admission to hospital.
<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 , Superseded 12/12/2016
<b>Outcome area:</b>	<a href="#">Emergency Department access</a> <a href="#">Tasmanian Health</a> , Standard 07/12/2016

## Collection and usage attributes

**Computation description:** The numerator:

- include records with the triage categories from 1 to 5.
- exclude records if the Waiting time to service is *invalid*.
  - *Length of stay < 0.*
  - *Presentation date or time are missing.*
  - *Physical departure date or time is missing.*

The 90<sup>th</sup> percentile (the ninetieth percentage value in a group of data arranged from lowest to highest value for time waited) represents the time within which 90% of patients were admitted and physically left the emergency department.

For example, if there were 100 observations admitted to the hospital, the 90<sup>th</sup> percentile will correspond to the average time for the 90<sup>th</sup> and 91<sup>st</sup> observations. If there were 101 observations, the 90<sup>th</sup> percentile will correspond to the time for the 91<sup>st</sup> observation.

Emergency department stay time is calculated by subtracting the date and time the patient presented to the emergency department from the date and time the patient physically left the emergency department.

**Computation:** Time in ED from arrival to departure (in hours and minutes) at 90<sup>th</sup> percentile for ED presentations with an episode end status of 1: Admitted or 102: Admitted LGH.

**Numerator:** The numerator:

- include records with the triage categories from 1 to 5.
- exclude records if the Waiting time to service is invalid.
  - Length of stay < 0.
  - Presentation date or time are missing.
  - Physical departure date or time is missing.

**Numerator data elements:** **Data Element / Data Set**

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

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**Data Element / Data Set**

[Non-admitted patient emergency department service episode—triage category. \(Tasmanian\) code N](#)

**Guide for use**

Data is obtained from the [TriageCategoryRefId] field in Health Central and includes records with the triage categories from 1 to 5.

**Data Element / Data Set**

[Non-admitted patient emergency department service episode—episode end status. \(Tasmanian\) code N\[NN\]](#)

**Guide for use**

Data is obtained from the [DepartureMethodRefId] field in Health Central and patients whose Episode end status recorded as Admitted, Admitted DEM or Admitted LGH.

**Data Element / Data Set**

[Episode of care—episode identifier, N\[NNNNNN\]](#)

**Guide for use**

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

**Data Element / Data Set**

[Emergency department stay—physical departure date, DDMMYYYY](#)

**Guide for use**

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

**Data Element / Data Set**

[Emergency department stay—physical departure time, hhmm](#)

**Guide for use**

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

**Data Element / Data Set**

**Guide for use**

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

**Disaggregation:**

Specified disaggregation: Hospital, triage category and reporting month based on the date of the end of the emergency department stay

Disaggregation data elements:

Data Element / Data Set

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

## Representational attributes

Representation class: Percentile  
Data type: Real  
Unit of measure: Time (e.g. days, hours)  
Format: NN[N]

## 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??-Time until most admitted patients \(90%\) departed emergency department, 2013](#)  
[Tasmanian Health](#), Superseded 09/12/2016