

# **Service Agreement - Department of Health and Human Services Tasmania: 2013, KPI??-Time until most admitted patients (90%) departed emergency department, 2013**

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# Service Agreement - Department of Health and Human Services Tasmania: 2013, KPI??-Time until most admitted patients (90%) departed emergency department, 2013

## Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Indicator
Short name:	Time until most admitted patients (90%) departed emergency department
METEOR identifier:	524112
Registration status:	<a href="#">Tasmanian Health</a> , Superseded 09/12/2016
Description:	The 90th percentile of total time for emergency department stays for patients who physically leave the emergency department for admission to hospital.
Indicator set:	<a href="#">Service Agreement - Department of Health and Human Services Tasmania: 2013</a> <a href="#">Tasmanian Health</a> , Superseded 12/12/2016
Outcome area:	<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.*
  - *Physcial 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 eh 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:** No numerator

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

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

**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:**

- 2013-14 Service Agreement

## Relational attributes

**Related metadata references:** Has been superseded by [Service Agreement - Department of Health and Human Services Tasmania: 2014, Time until most admitted patients \(90%\) departed emergency department, 2014](#)  
[Tasmanian Health](#), Superseded 09/12/2016