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

Exported from METEOR (AIHW's Metadata Online Registry)

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

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Indicator
Short name:	Time until most admitted patients (90%) departed emergency department
METEOR identifier:	581519
Registration status:	Tasmanian Health, Superseded 09/12/2016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Indicator set:	Service Agreement - Department of Health and Human Services Tasmania: 2014 Tasmanian Health, Superseded 12/12/2016
Outcome area:	Emergency Department access Tasmanian Health, 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 90th 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 90th percentile will correspond to the average time for eh 90th and 91st observations. If there were 101 observations, the 90th percentile will correspond to the time for the 91st 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 90th 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](#)

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