

Service Plan - Department of Health Tasmania: 2019, Emergency patients with an ED length of stay less than four hours (all specified facilities), 2019

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Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Indicator
Short name:	Emergency department patients LOS <4 hours (percentage)
METEOR identifier:	717684
Registration status:	Tasmanian Health , Standard 24/07/2019
Description:	For all patients presenting to a public hospital emergency department (including publicly funded emergency departments), the percentage of presentations where the time from presentation to physical departure, i.e. the length of the Emergency department stay , is within four hours.
Indicator set:	Service Plan - Department of Health Tasmania: 2019 Tasmanian Health , Standard 20/01/2020
Outcome area:	Emergency Department access Tasmanian Health , Standard 07/12/2016

Collection and usage attributes

Computation description: The scope for calculation of this indicator is all hospitals reporting to the [Non-admitted patient emergency department care \(NAPEDC\) National Minimum Data Set \(NMDS\) 2016–17](#).

Calculation includes all presentations with a physical departure date/time in the reporting period, including records where the presentation date/time is prior to the reporting period. Invalid records are excluded from the numerator and denominator. Invalid records are records for which:

- Length of stay < 0
- Presentation date or time is missing
- Physical departure date or time is missing

Calculation includes presentations with any Type of visit to emergency department.

Recording departure time

Emergency department (ED) stay length is the amount of time, measured in minutes, between when a patient presents at an emergency department, and when the patient physically departs the emergency department. It is calculated as per the guidelines included in the NAPEDC NMDS 2016–17:

- If the patient is subsequently admitted to this hospital (either short stay unit, hospital-in-the-home or non-emergency department hospital ward), then record the time the patient leaves the emergency department to go to the admitted patient facility.
 - – Patients admitted to any other ward or bed within the emergency department have not physically departed the emergency department until they leave the emergency department
 - – If the patient is admitted and subsequently dies before leaving the emergency department, then record the time the body was removed from the emergency department.
- If the service episode is completed without the patient being admitted, then record the time the patient's emergency department non-admitted clinical care ended.
- If the service episode is completed and the patient is referred to another hospital for admission, then record the time the patient leaves the emergency department.
- If the patient did not wait, then record the time the patient leaves the emergency department or was first noticed as having left.
- If the patient leaves at their own risk, then record the time the patient leaves the emergency department or was first noticed as having left.
- If the patient died in the emergency department, then record the time the body was removed from the emergency department.
- If the patient was dead on arrival, then record the time the body was removed from the emergency department. If an emergency department physician certified the death of the patient outside the emergency department, then record the time the patient was certified dead.

Presentation time and date are the time and date of the first recorded contact with an emergency department staff member. The first recorded contact can be the commencement of the clerical registration or triage process, whichever happens first.

Computation: $100 \times (\text{Numerator} \div \text{Denominator})$

Numerator: Number of emergency department presentations where emergency department stay length is less than or equal to four hours.

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

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

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.

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—presentation date, DDMMYYYY](#)

Guide for use

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

Data Element / Data Set

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

Guide for use

Data is obtained from the [ArrivalDateTime] 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.

Denominator:

Number of emergency department presentations.

Denominator data elements:

Data Element / Data Set

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

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.

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—presentation date, DDMMYYYY](#)

Guide for use

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

Data Element / Data Set

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

Guide for use

Data is obtained from the [ArrivalDateTime] 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.

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](#)

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.

Representational attributes

Representation class: Percentage

Data type: Real

Unit of measure: Person

Format: NN[N]

Relational attributes

Related metadata references: Supersedes [Service Agreement - Department of Health Tasmania: 2018, Emergency Department - Percentage of all emergency department patients with an ED length of stay less than 4 hours, 2018](#)
[Tasmanian Health](#), Superseded 24/07/2019