National Healthcare Agreement: PI 21b–Waiting times for emergency hospital care: proportion of patients whose length of emergency department stay is less than or equal to four hours, 2019

Exported from METEOR (AIHW's Metadata Online Registry)

National Healthcare Agreement: PI 21b–Waiting times for emergency hospital care: proportion of patients whose length of emergency department stay is less than or equal to four hours, 2019

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Progress measure
Short name:	PI 21b–Waiting times for emergency hospital care: proportion of patients whose length of emergency department stay is less than or equal to four hours, 2019
METEOR identifier:	698895
Registration status:	Health!, Superseded 13/03/2020
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Indicator set:	National Healthcare Agreement (2019) Health!, Superseded 13/03/2020
Outcome area:	Hospital and Related Care National Health Performance Authority (retired), Retired 01/07/2016 Health!, Standard 07/07/2010

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) 2017–18](#) or [NAPEDC National Best Endeavours Data Set (NBEDS) 2017–18](#).

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 2017–18 or NAPEDC NBEDS 2017–18:

- 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 x (Numerator ÷ 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** ───┐

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

Data Source

[National Non-admitted Patient Emergency Department Care Database](#)

NMDS / DSS

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[Non-admitted patient emergency department care NMDS 2017-18](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

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

Data Source

[National Non-admitted Patient Emergency Department Care Database](#)

NMDS / DSS

[Non-admitted patient emergency department care NBEDS 2017-18](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

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

Data Source

[National Non-admitted Patient Emergency Department Care Database](#)

NMDS / DSS

[Non-admitted patient emergency department care NMDS 2017-18](#)

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Data source type: Administrative by-product data

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

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NMDS / DSS

[Non-admitted patient emergency department care NBEDS 2017-18](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

[Non-admitted patient emergency department service episode—clinical care commencement time, hhmm](#)

Data Source

[National Non-admitted Patient Emergency Department Care Database](#)

NMDS / DSS

[Non-admitted patient emergency department care NMDS 2017-18](#)

Guide for use

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[Non-admitted patient emergency department care NBEDS 2017-18](#)

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Data source type: Administrative by-product data

Data Element / Data Set

[Non-admitted patient emergency department service episode—clinical care commencement date, DDMMYYYY](#)

Data Source

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NMDS / DSS

[Non-admitted patient emergency department care NMDS 2017-18](#)

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

[Non-admitted patient emergency department service episode—clinical care commencement date, DDMMYYYY](#)

Data Source

[National Non-admitted Patient Emergency Department Care Database](#)

NMDS / DSS

[Non-admitted patient emergency department care NBEDS 2017-18](#)

Guide for use

Data source type: Administrative by-product data

Denominator: Number of emergency department presentations.

Denominator data elements:

> **Data Element / Data Set**
>
> **Data Source**
>
> National Non-admitted Patient Emergency Department Care Database
>
> **NMDS / DSS**
>
> Non-admitted patient emergency department care NMDS 2017-18
>
> **Guide for use**
>
> Data source type: Administrative by-product data

> **Data Element / Data Set**
>
> **Data Source**
>
> National Non-admitted Patient Emergency Department Care Database
>
> **NMDS / DSS**
>
> Non-admitted patient emergency department care NBEDS 2017-18
>
> **Guide for use**
>
> Data source type: Administrative by-product data

Disaggregation: 2017–18—State and territory.

Disaggregation data elements:

> **Data Element / Data Set**
>
> Establishment—organisation identifier (Australian), NNX[X]NNNNN
>
> **Data Source**
>
> National Non-admitted Patient Emergency Department Care Database
>
> **NMDS / DSS**
>
> Non-admitted patient emergency department care NMDS 2017-18
>
> **Guide for use**
>
> Data source type: Administrative by-product data
>
> Used for disaggregation by state/territory

> **Data Element / Data Set**
>
> Establishment—organisation identifier (Australian), NNX[X]NNNNN
>
> **Data Source**
>
> National Non-admitted Patient Emergency Department Care Database
>
> **NMDS / DSS**
>
> Non-admitted patient emergency department care NBEDS 2017-18
>
> **Guide for use**
>
> Data source type: Administrative by-product data
>
> Used for disaggregation by state/territory

Comments: Most recent data available for 2019 National Healthcare Agreement performance reporting: 2017–18.

Information about the volume of invalid records will be included in data quality statements.

Representational attributes

Representation class:	Percentage
Data type:	Real
Unit of measure:	Person
Format:	NN[N]

Indicator conceptual framework

Framework and dimensions:	[Accessibility](#)
	[Effectiveness](#)

Data source attributes

Data sources:

┌─ **Data Source** ───
│
│ [National Non-admitted Patient Emergency Department Care Database](#)
│
│ **Frequency**
│
│ Annual
│
│ **Data custodian**
│
│ Australian Institute of Health and Welfare
│
└───

Accountability attributes

Reporting requirements:	National Healthcare Agreement
Organisation responsible for providing data:	Australian Institute of Health and Welfare
Further data development / collection required:	Specification: Final, the measure meets the intention of the indicator.

Relational attributes

Related metadata references:

Supersedes [National Healthcare Agreement: PI 21b–Waiting times for emergency hospital care: proportion of patients whose length of emergency department stay is less than or equal to four hours, 2018](#)
    [Health!](#), Superseded 19/06/2019

Has been superseded by [National Healthcare Agreement: PI 21b–Waiting times for emergency hospital care: proportion of patients whose length of emergency department stay is less than or equal to four hours, 2020](#)
    [Health!](#), Standard 13/03/2020

See also [National Healthcare Agreement: PI 19–Selected potentially avoidable GP-type presentations to emergency departments, 2019](#)
    [Health!](#), Superseded 13/03/2020

See also [National Healthcare Agreement: PI 21a–Waiting times for emergency hospital care: Proportion seen on time, 2019](#)
    [Health!](#), Superseded 13/03/2020