National Healthcare Agreement: PI 21b-Waiting times for emergency hospital care: Proportion completed within four hours, 2014

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National Healthcare Agreement: PI 21b-Waiting times for emergency hospital care: Proportion completed within four hours, 2014

Identifying and definitional attributes

Metadata item type:	Indicator
Indicator type:	Progress measure
Short name:	PI 21b-Waiting times for emergency hospital care: Proportion completed within four hours, 2014
METEOR identifier:	517638
Registration status:	Health, Superseded 14/01/2015
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 deparment stay, is within four hours.
Indicator set:	National Healthcare Agreement (2014) Health, Superseded 14/01/2015
Outcome area:	Hospital and Related Care Health, Standard 07/07/2010 National Health Performance Authority (retired), Retired 01/07/2016
Data quality statement:	National Healthcare Agreement: PI 21b-Waiting times for emergency department care: proportion completed within four hours, 2014 QS Health, Superseded 14/01/2015

Collection and usage attributes

Computation description: Data are provided as per the Non-admitted patient emergency department care (NAPEDC) National Minimum Data Set (NMDS) 2012-13.

The scope for calculation of the National Emergency Access Target (NEAT) is all hospitals reporting to the NAPEDC NMDS (Peer Group A, B and other) as at August 2011 (when the National Health Reform Agreement - National Partnership Agreement on Improving Public Hospital Services was signed). For the duration of the agreement, hospitals that have not previously reported to the NAPEDC NMDS can come into scope, subject to agreement between the jursidiction and the Commonwealth.

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 is less than zero
- Presentation date or time missing
- Physical departure date or time missing

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

Emergency department (ED) stay length is calculated by subtracting Time patient presents and Date patient presents from Emergency department physical departure time and date respectively, as per the business rules included in the NAPEDC NMDS 2012-13:

- If the patient is subsequently admitted to this hospital (either short stay unit, hospital-in-the-home or non-emergency department hospital ward), 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 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 notices as having left.
- If the patient died in the emergency department, 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.
- If the patient was dead on arrival, then record the time the body was removed from the emergency department.

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—presentation date, DDMMYYYY

Data Source

National Emergency Access Target data

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

Emergency department stay—presentation time, hhmm

Data Source

National Emergency Access Target data

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

Emergency department stay—physical departure date, DDMMYYYY

Data Source

National Emergency Access Target data

Guide for use

Data source type: Administrative by-product data

Data Element / Data Set

Emergency department stay—physical departure time, hhmm

Data Source

National Emergency Access Target data

Guide for use

Data source type: Administrative by-product data

Denominator:

Number of emergency department presentations.

Denominator data elements:

Data Element / Data Set

Person—person identifier, XXXXXX[X(14)]

Data Source

National Emergency Access Target data

Guide for use

Data source type: Administrative by-product data

Disaggregation:

2012-13—State/territory.

Disaggregation data elements:

Data Element / Data Set

Establishment—organisation identifier (Australian), NNX[X]NNNNN

Data Source

National Emergency Access Target data

Guide for use

Data source type: Administrative by-product data

Comments:

Most recent data available for 2014 Council of Australian Governments (COAG) Reform Council (CRC) report: 2012-13.

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

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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 Emergency Access Target data

Frequency

Quarterly

Data custodian

Department of Health and Ageing; 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 completed within four hours, 2013
Health, Superseded 30/04/2014

Has been superseded by National Healthcare Agreement: PI 21b-Waiting times for emergency hospital care: Proportion completed within four hours, 2015
Health, Superseded 08/07/2016

See also National Healthcare Agreement: PI 19-Selected potentially avoidable GP-type presentations to emergency departments, 2014
Health, Superseded 14/01/2015

See also National Healthcare Agreement: PI 21a-Waiting times for emergency hospital care: Proportion seen on time, 2014
Health, Superseded 14/01/2015