

Time in Emergency Department Until Disposition Decision (Hours, Percentile)

Name	Time in Emergency Department Until Disposition Decision (Hours, Percentile)
Short/Other Names	Not applicable
Description	This indicator measures the time interval between the earlier of Triage Date/Time or Registration Date/Time and the Disposition Date/Time (as determined by the main service provider).
Interpretation	The 90th or 50th percentile of this indicator represents the maximum length of time that 90% or 50% of patients spend in the ED until a visit disposition decision is made. A small number is desirable for this indicator.
HSP Framework Dimension	Health System Outputs: Access to comprehensive, high-quality health services
Areas of Need	Getting Better
Geographic Coverage	Prince Edward Island, Nova Scotia, Ontario, Manitoba, Saskatchewan, Alberta, British Columbia, Yukon
Reporting Level/Disaggregation	National, Province/Territory, Region, Facility, Corporation, Peer group
Indicator Results	https://secure.cihi.ca/cas/login?service=https%3A%2F%2Fsecure.cihi.ca%2Fuserprofile%2Fj_spring_cas_security_check

Identifying Information

Name Time in Emergency Department Until Disposition Decision (Hours, Percentile)

Short/Other Names Not applicable

Indicator Description and Calculation

Description	This indicator measures the time interval between the earlier of Triage Date/Time or Registration Date/Time and the Disposition Date/Time (as determined by the main service provider). The indicator is measured in hours, usually using the 90th percentile and/or 50th percentile, which represents the maximum length of time that 90% and/or 50% of patients stay in the emergency department (ED) until a visit disposition decision is made.
Calculation: Description	Unit of analysis: Single ED visit
Calculation: Geographic Assignment	Place of service
Calculation: Type of Measurement	Number - Number of hours, percentile
Calculation: Adjustment Applied	None
Calculation: Method of Adjustment Denominator	Not applicable

Description:

All emergency visits

Inclusions:

1. Unscheduled emergency visits
 2. ED visits with a valid and known Registration Date/Time or Triage Date/Time and a valid and known Disposition Date/Time
- ### Exclusions:
1. Scheduled emergency visits
 2. ED visit with Visit Disposition 02 (Left without being seen, not triaged)
 3. Both Registration and Triage Date/Time are invalid/unknown, or physician Disposition Date/Time is invalid/unknown

Background, Interpretation and Benchmarks

Time is crucial to the effectiveness and outcome of patient care, especially for emergency patients. In conjunction with other indicators, this can be used to monitor the total time patients spend in the ED in an effort to improve the efficiency and, ultimately, the outcome of patient care.

Rationale

Multiple factors can influence the indicator results, including triage level, patient population and hospital resources.

Interpretation	The 90th or 50th percentile of this indicator represents the maximum length of time that 90% or 50% of patients spend in the ED until a visit disposition decision is made.
	A small number is desirable for this indicator.
HSP Framework Dimension	Health System Outputs: Access to comprehensive, high-quality health services
Areas of Need	Getting Better
Targets/Benchmarks	Not applicable
References	Not applicable
Availability of Data Sources and Results	
Data Sources	NACRS
	Type of Year: Fiscal
Available Data Years	First Available Year: 2012 Last Available Year: 2017
Geographic Coverage	Prince Edward Island, Nova Scotia, Ontario, Manitoba, Saskatchewan, Alberta, British Columbia, Yukon
Reporting Level/Disaggregation	National, Province/Territory, Region, Facility, Corporation, Peer group
Result Updates	
Update Frequency	Every month
	Web Tool:
Indicator Results	Your Health System: Insight URL: https://secure.cihi.ca/cas/login?service=https%3A%2F%2Fsecure.cihi.ca%2Fuserprofile%2Fj_spring_cas_security_check
Updates	Not applicable
Quality Statement	
Caveats and Limitations	Not applicable
	Coverage in the National Ambulatory Care Reporting System (NACRS) changes over time as more jurisdictions participate.
Trending Issues	
	For more information on NACRS coverage, please see the NACRS Quick Stats: https://www.cihi.ca/en/quick-stats .
Comments	Not applicable