

# Injury Hospitalization

Name	Injury Hospitalization
Short/Other Names	Not applicable
Description	This indicator measures the age-standardized rate of acute care hospitalization due to injury resulting from the transfer of energy (excluding poisoning and other non-traumatic injuries), per 100,000 population.  For further details, please see the <a href="#">General Methodology Notes</a> .
Interpretation	Lower rates are desirable.
HSP Framework Dimension	Health System Outcomes: Improve health status of Canadians
Areas of Need	Not applicable
Geographic Coverage	All provinces/territories
Reporting Level/Disaggregation	National, Province/Territory, Region
Indicator Results	<a href="http://yourhealthsystem.cihi.ca/epub/?language=en">http://yourhealthsystem.cihi.ca/epub/?language=en</a>

## Identifying Information

Name Injury Hospitalization

Short/Other Names Not applicable

Indicator Description and Calculation

Description This indicator measures the age-standardized rate of acute care hospitalization due to injury resulting from the transfer of energy (excluding poisoning and other non-traumatic injuries), per 100,000 population.

For further details, please see the [General Methodology Notes](#).

The indicator is expressed as an age-standardized rate of traumatic injuries admitted to an acute care hospital per 100,000 population.

Calculation:

Description  $(\text{Total number of hospitalizations due to injury} \div \text{Total mid-year population}) \times 100,000$  (Age-adjusted)

Unit of Analysis: Single admission

Calculation:

Geographic Assignment Place of residence

Calculation: Type of Measurement

Rate - per 100,000

Calculation:

Adjustment Applied Age-adjusted

Calculation:

Method of Adjustment Direct Standardization

Method of Adjustment

**Standard Population:**  
Canada 2011

Denominator

**Description:**

Total mid-year population

**Description:**

Cases that are related to injury from transfer of energy admitted to an acute care hospital

**Inclusions:**

1. Injury is identified by the first occurrence of the following external cause of injury codes with a diagnosis type of (9):

a. ICD-9: E800–E807, E810–E838, E840–E848, E880–E888, E890–E902, E906–E910, E913–E928, E953–E958, E960–E961, E963–E968, E970–E976, E978, E983–E988, E990–E998

Numerator

b. ICD-10-CA: V01–V06, V09–V99, W00–W44, W4509, W46, W49–W60, W64–W70, W73–W77, W81, W83–W94, W99, X00–X06, X08–X19, X30–X39, X50, X52, X58, X59, X70–X84, X86, X91–X99, Y00–Y05, Y07–Y09, Y20–Y36

2. Sex recorded as male or female

3. Admission to an acute care institution (Facility Type Code = 1)

**Exclusions:**

Newborn, stillbirth or cadaveric donor records (Admission Category Code = N, R or S)

Background, Interpretation and Benchmarks

Rationale This indicator contributes to an understanding of the adequacy and effectiveness of injury prevention efforts, including public education, product development and use, community and road design, and prevention and treatment resources.

Interpretation	Lower rates are desirable.
HSP Framework Dimension	Health System Outcomes: Improve health status of Canadians
Areas of Need	Not applicable
Targets/Benchmarks	Not applicable
References	Not applicable
Availability of Data Sources and Results	
Data Sources	DAD, HMDB
	<b>Type of Year:</b>
	Fiscal
Available Data Years	<b>First Available Year:</b>
	2010
	<b>Last Available Year:</b>
	2017
Geographic Coverage	All provinces/territories
Reporting Level/Disaggregation	National, Province/Territory, Region
Result Updates	
Update Frequency	Every year
	<b>Web Tool:</b>
Indicator Results	Health Indicators e-Publication
	<b>URL:</b> <a href="http://yourhealthsystem.cih.ca/epub/?!language=en">http://yourhealthsystem.cih.ca/epub/?!language=en</a>
Updates	Not applicable
Quality Statement	
Caveats and Limitations	Not applicable
Trending Issues	Not applicable
Comments	Poisoning, adverse effects of drugs/medicine, choking, late effects and several other conditions do not meet the definition of trauma developed by the National Trauma Registry Advisory Committee and are therefore excluded.