In-Hospital Hip Fracture in Elderly (65+) Patients

<table>
<thead>
<tr>
<th>Name</th>
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<tbody>
<tr>
<td>Short/Other Names</td>
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<tr>
<td>Description</td>
<td>This indicator measures the rate of in-hospital hip fractures among acute care inpatients age 65 and older. For further details, please see the General Methodology Notes.</td>
</tr>
<tr>
<td>Interpretation</td>
<td>Lower rates are desirable.</td>
</tr>
<tr>
<td>HSP Framework Dimension</td>
<td>Health System Outputs: Safe</td>
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<tr>
<td>Areas of Need</td>
<td>Getting Better</td>
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<tr>
<td>Geographic Coverage</td>
<td>All provinces/territories except Quebec</td>
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<tr>
<td>Reporting Level/Disaggregation</td>
<td>National, Province/Territory, Region, Facility, Peer Group</td>
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<tr>
<td>Indicator Results</td>
<td><a href="https://www.cihi.ca/en/cihi-health-indicators">https://www.cihi.ca/en/cihi-health-indicators</a></td>
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Identifying Information

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<td>Indicator Description and Calculation</td>
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| Description | This indicator measures the rate of in-hospital hip fractures among acute care inpatients age 65 and older. For further details, please see the General Methodology Notes. |
| Calculation: Description | Risk-adjusted rate = Observed cases ÷ Expected cases × Canadian average |
| Calculation: Geographic Assignment | Place of service |
| Calculation: Type of Measurement | Rate - per 1,000 |
| Calculation: Adjustment Applied | The following covariates are used in risk adjustment: For a detailed list of covariates used in the model, please refer to the Model Specification document. |
| Calculation: Method of Adjustment | Poisson regression |

Background, Interpretation and Benchmarks
In-hospital hip fractures are largely preventable and represent a patient safety concern.

Rationale
In addition to the profound impact hip fractures can have on the independence and quality of life of elderly patients, such injuries occurring within hospital are also associated with longer lengths of stay and increased health care costs.

This indicator is intended to help hospitals monitor prevention efforts; high rates should be used to identify areas for improvement.

Interpretation
Lower rates are desirable.

HSP Framework
Health System Outputs: Safe

Areas of Need
Getting Better

Targets/Benchmarks
Not applicable

References


Availability of Data Sources and Results

Data Sources
DAD

Type of Year: Fiscal

Available Data Years
First Available Year: 2012
Last Available Year: 2016

Geographic Coverage
All provinces/territories except Quebec

Reporting Level/Disaggregation
National, Province/Territory, Region, Facility, Peer Group

Result Updates
Update Frequency Every year

Web Tool:
CIHI Health Indicators
URL: https://www.cihi.ca/en/cihi-health-indicators

Updates
Not applicable

Quality Statement
Caveats and Limitations
Rates for Quebec are not available due to differences in data collection.

Trending Issues
Not applicable

Comments
Not applicable