

# Falls Among Seniors

## Atlantic Canada 2007-2008

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2010

# Canadian Institute for Health Information

CIHI  
ICIS

- Pan-Canadian
- Independent
- non-profit agency
- Locations  
Coast to Coast



# Atlantic Regional Office



# Analysis

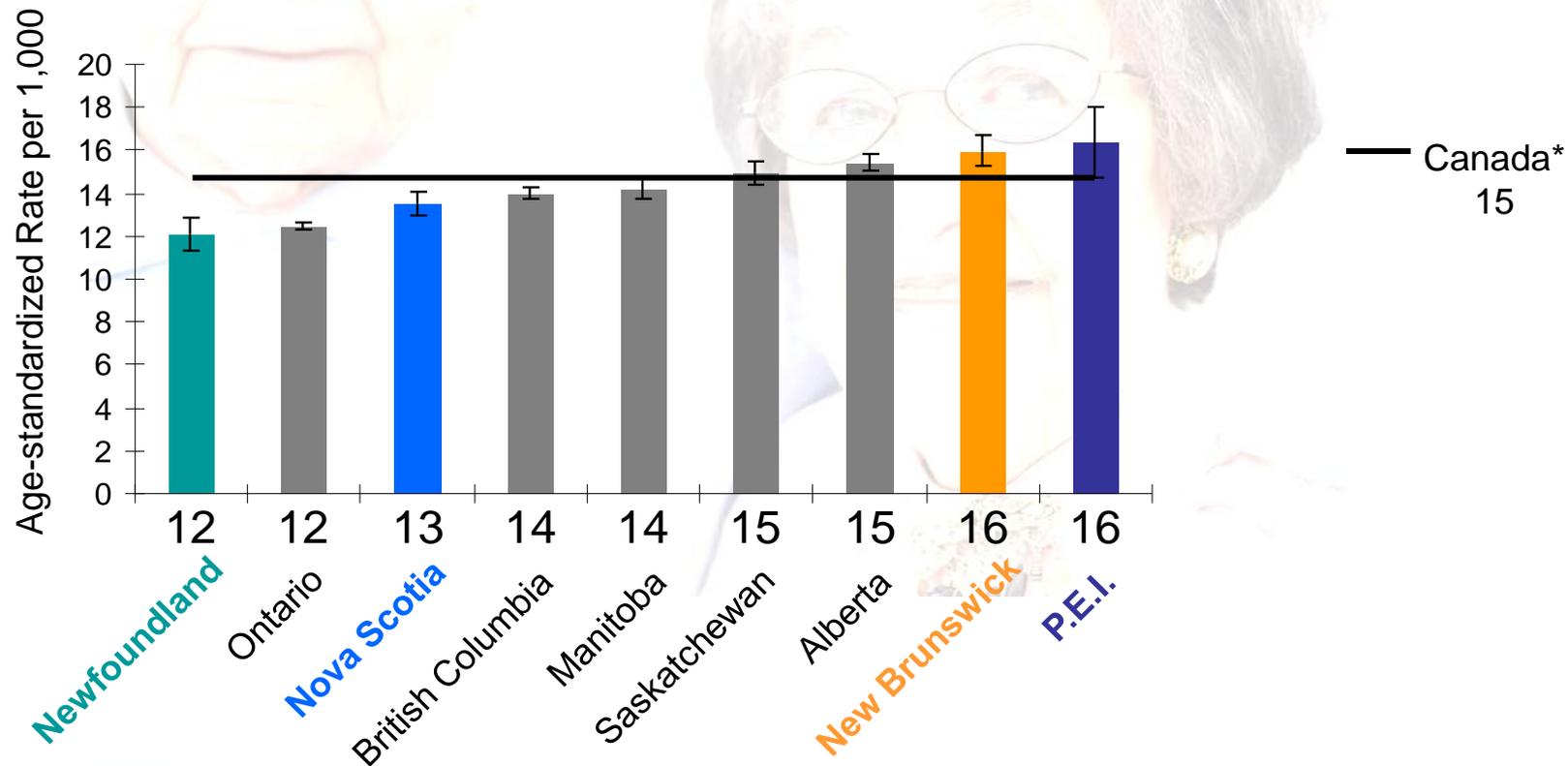
- Provides sequential analysis, following the “story” of a senior who falls.
- Report available June 8, 2010: [www.cihi.ca](http://www.cihi.ca)
- Poster in exhibit area.

## CIHI sources:

- National Trauma Registry
- Discharge Abstract Database
- Patient Cost Estimator
- Health Indicators

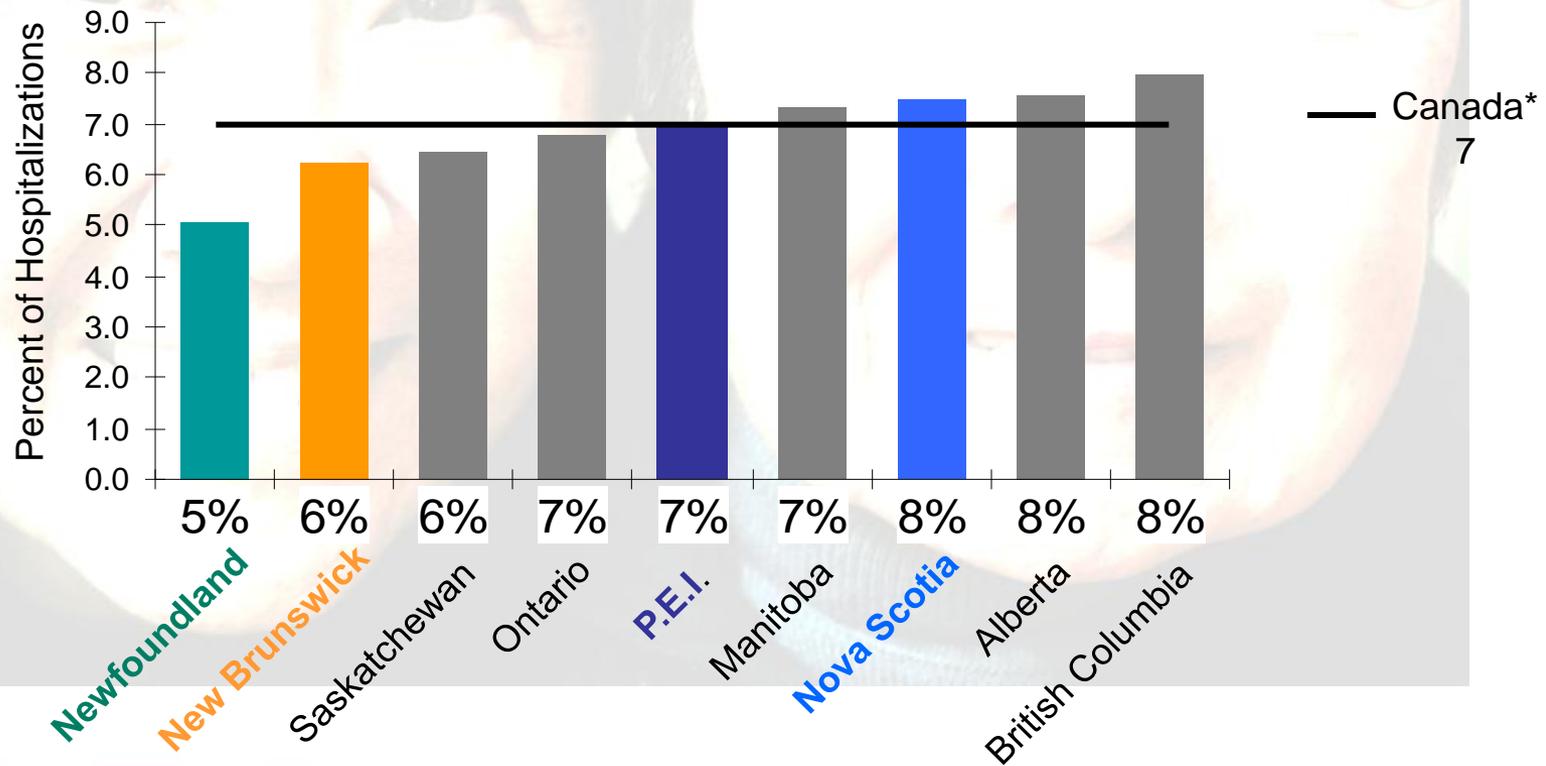
## Other Policy type resources: Provincial/International

# Age-standardized Fall Related Hospitalization Rate for Seniors in 2007/08



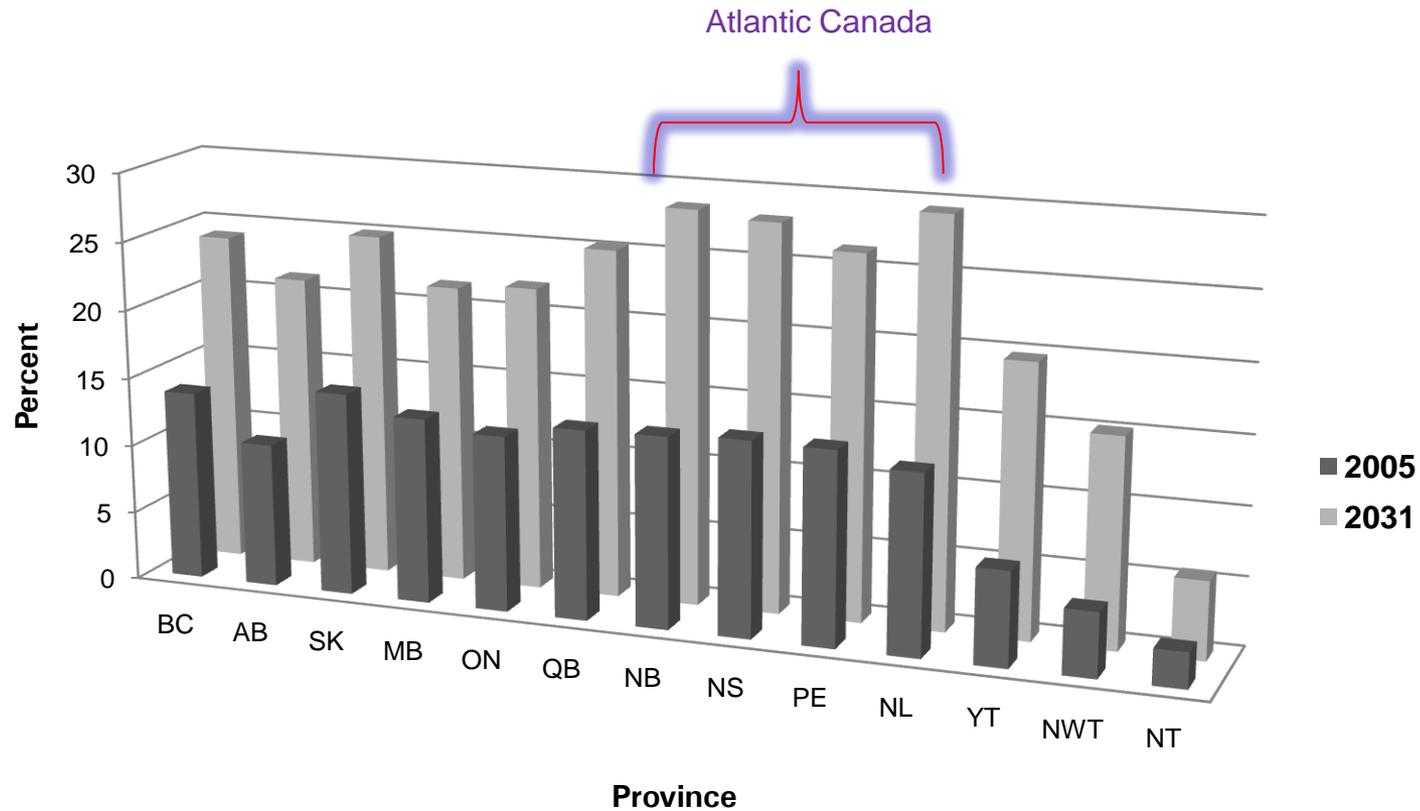
NOTES: \* Excluding Quebec residents. Data from Nunavut, NWT & Yukon suppressed due to small cell size  
SOURCE: Discharge Abstract Database. 2007/08. Canadian Institute for Health Information.

## Percent of All Hospitalizations for Seniors that were Related to an Unintentional Fall, 2007/08



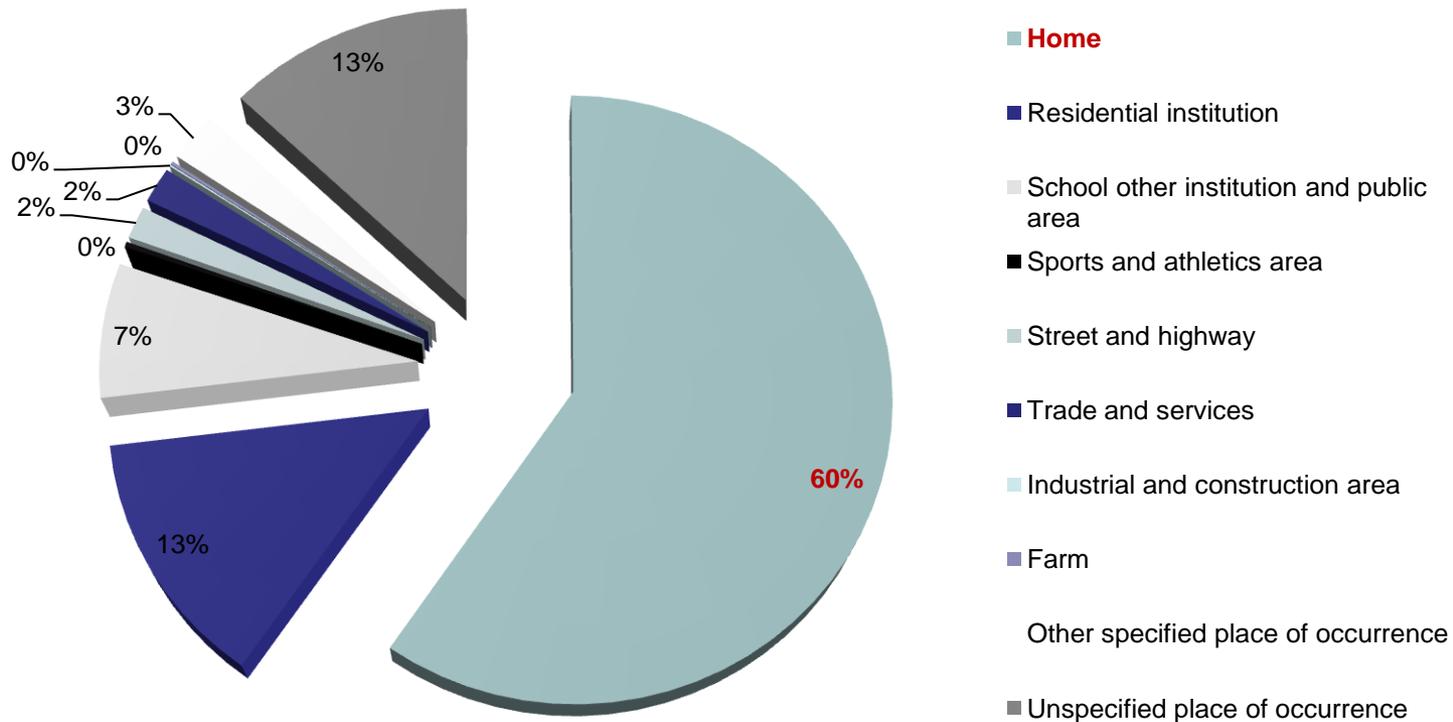
NOTES: \* Excluding Quebec residents. Data from Nunavut, NWT & Yukon suppressed due to small cell size  
SOURCE: Discharge Abstract Database. 2007/08. Canadian Institute for Health Information.

## Population Share aged 65 or older by province for 2005 and projection 2026

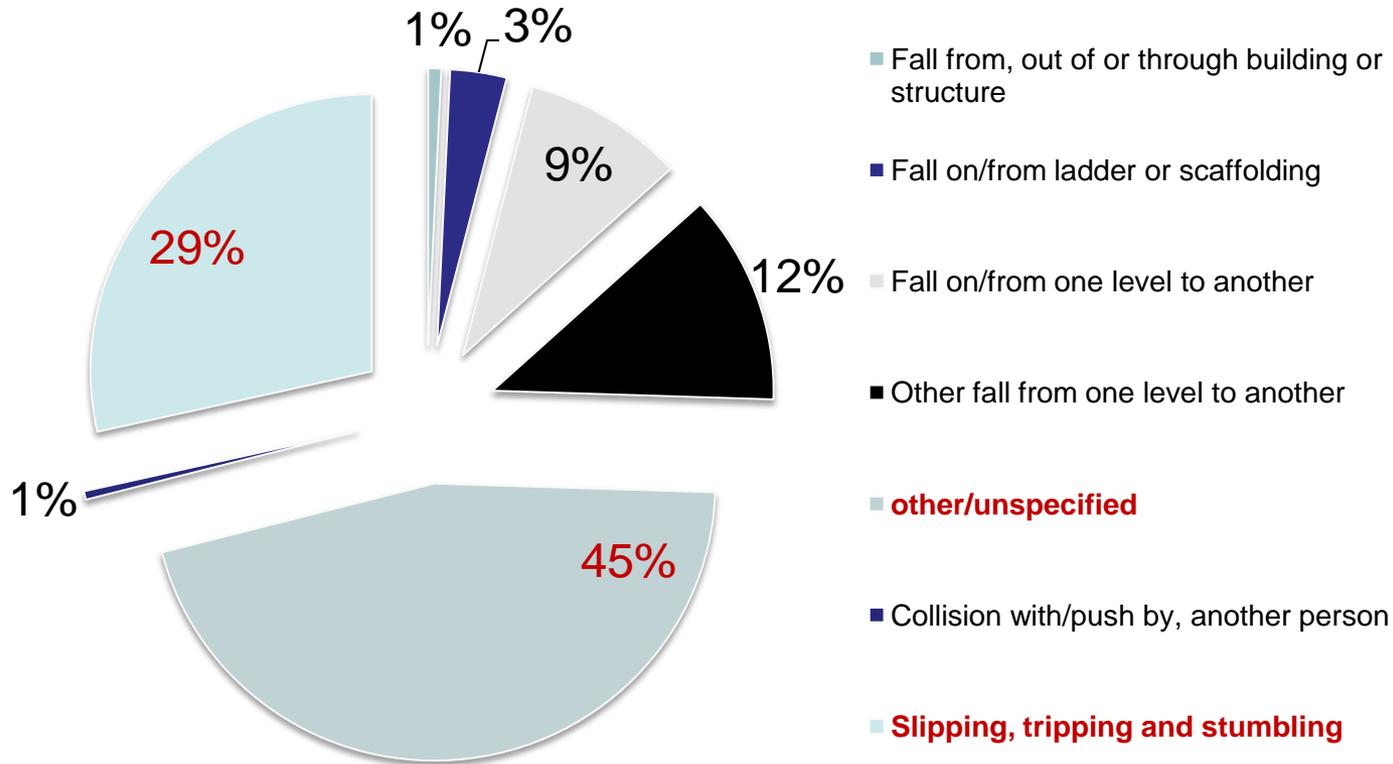


Source: Statistics Canada, 2010

## Fall Related Hospitalizations in Seniors by Injury Place, **Atlantic Canada** 2007-08

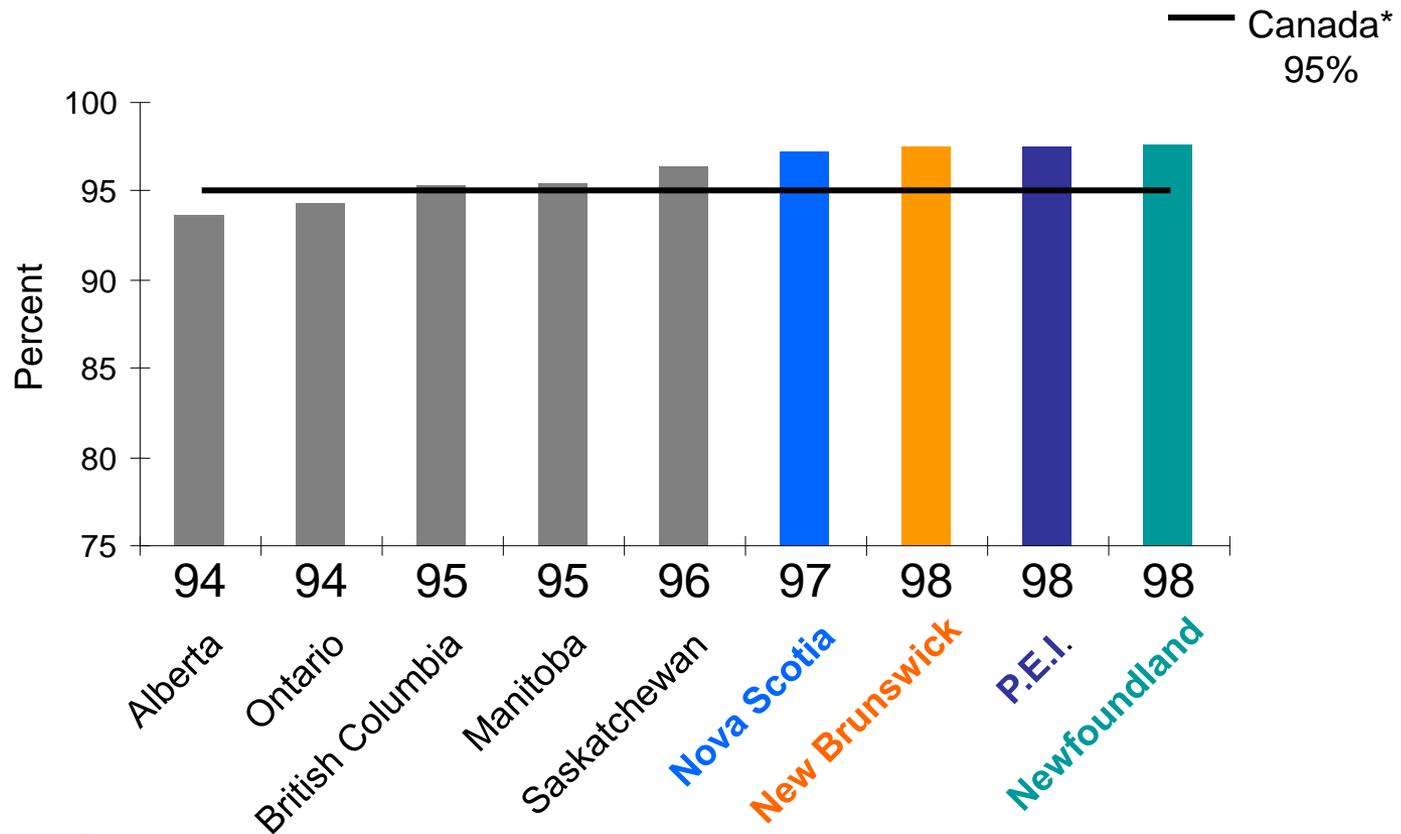


## Percent of Hospitalizations due to unintentional falls, specified cause of injury **Atlantic Canada 2007-2008**



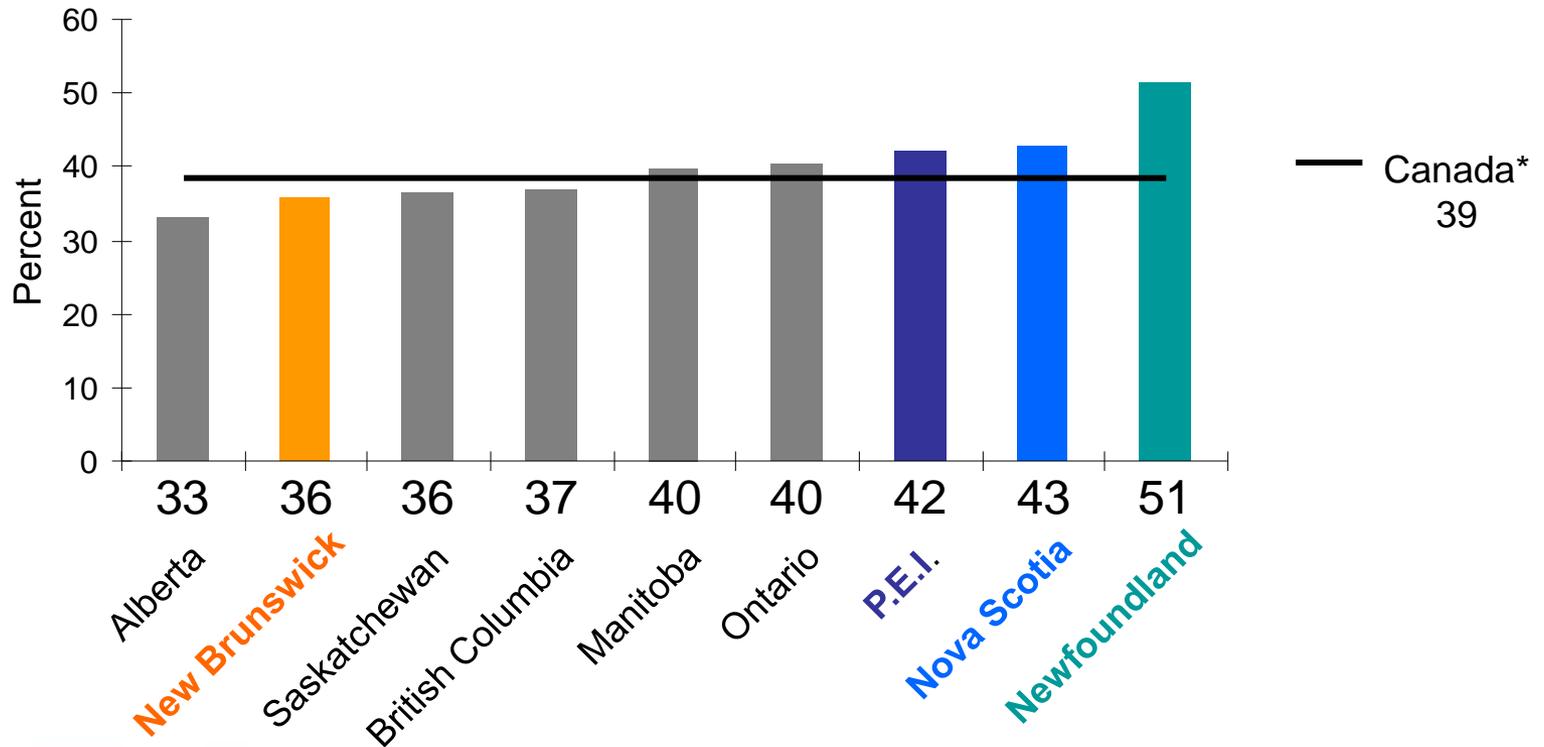
Source: CIHI, National Trauma Registry 2007-2008

## Percent of All Hip Fractures in Seniors Involving a Fall Related Hospitalization in 2007/08



NOTES: \* Excluding Quebec residents. Data from Nunavut, NWT & Yukon suppressed due to small cell size.  
SOURCE: Discharge Abstract Database. 2007/08. Canadian Institute for Health Information.

## Percent of Fall Related Hospitalizations in Seniors Involving a Hip Fracture in 2007/08



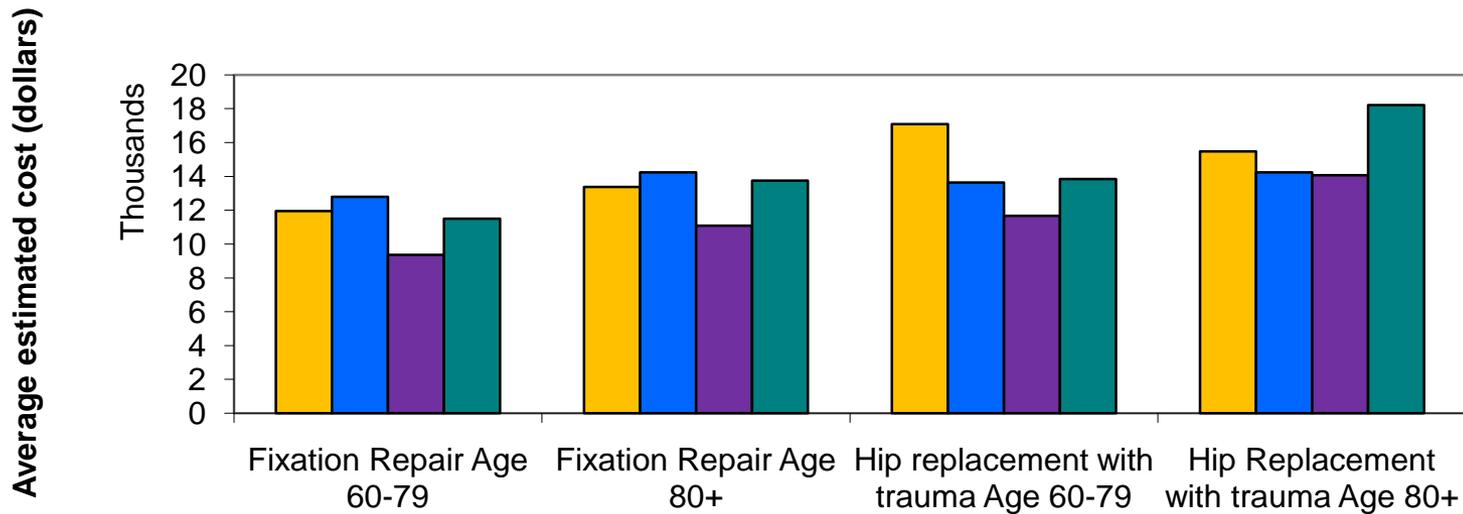
NOTES: \* Excluding Quebec residents. Data from Nunavut, NWT & Yukon suppressed due to small cell size  
SOURCE: Discharge Abstract Database. 2007/08. Canadian Institute for Health Information.

## Wait Time for Hip Surgery

<b>Wait Time for Hip Surgery 2007-2008 Risk Adjusted Rate (%)</b>	<b>NL (95% CI)</b>	<b>PEI (95% CI)</b>	<b>NS (95%CI)</b>	<b>NB (95%CI)</b>	<b>Canada*</b>
<b>Proportion with Surgery Same or Next Day</b>	<b>62.8 (58.3-67.3)</b>	<b>67.1 (59.0-75.2)</b>	<b>62.5 (59.2-65.8)</b>	<b>67.7 (63.9-71.5)</b>	<b>62.5</b>
<b>Proportion with Surgery Same, Next or Day after</b>	<b>85.9 (82.5-89.4)</b>	<b>82.1 (75.9-88.2)</b>	<b>80.0 (77.5-82.6)</b>	<b>84.4 (81.5-87.3)</b>	<b>83.3</b>

# Cost of Hip Surgery

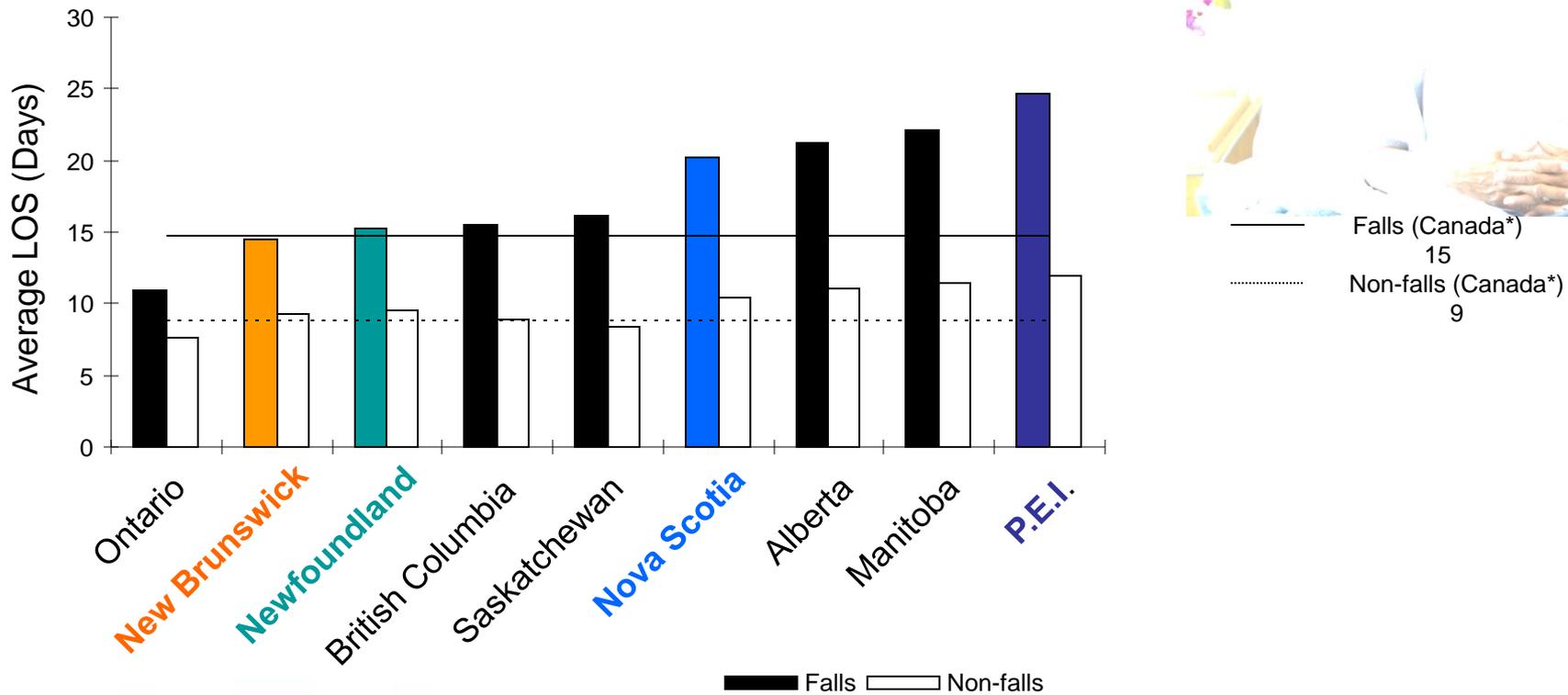
Average Estimated Cost by Case Mix type 2008



Source: Patient Cost Estimator, CMDB, CIHI, 2010

# Acute Length Of Stay

Average Seniors Length of Stay for Fall Related Hospitalizations versus All Other Hospitalizations in 2007/08

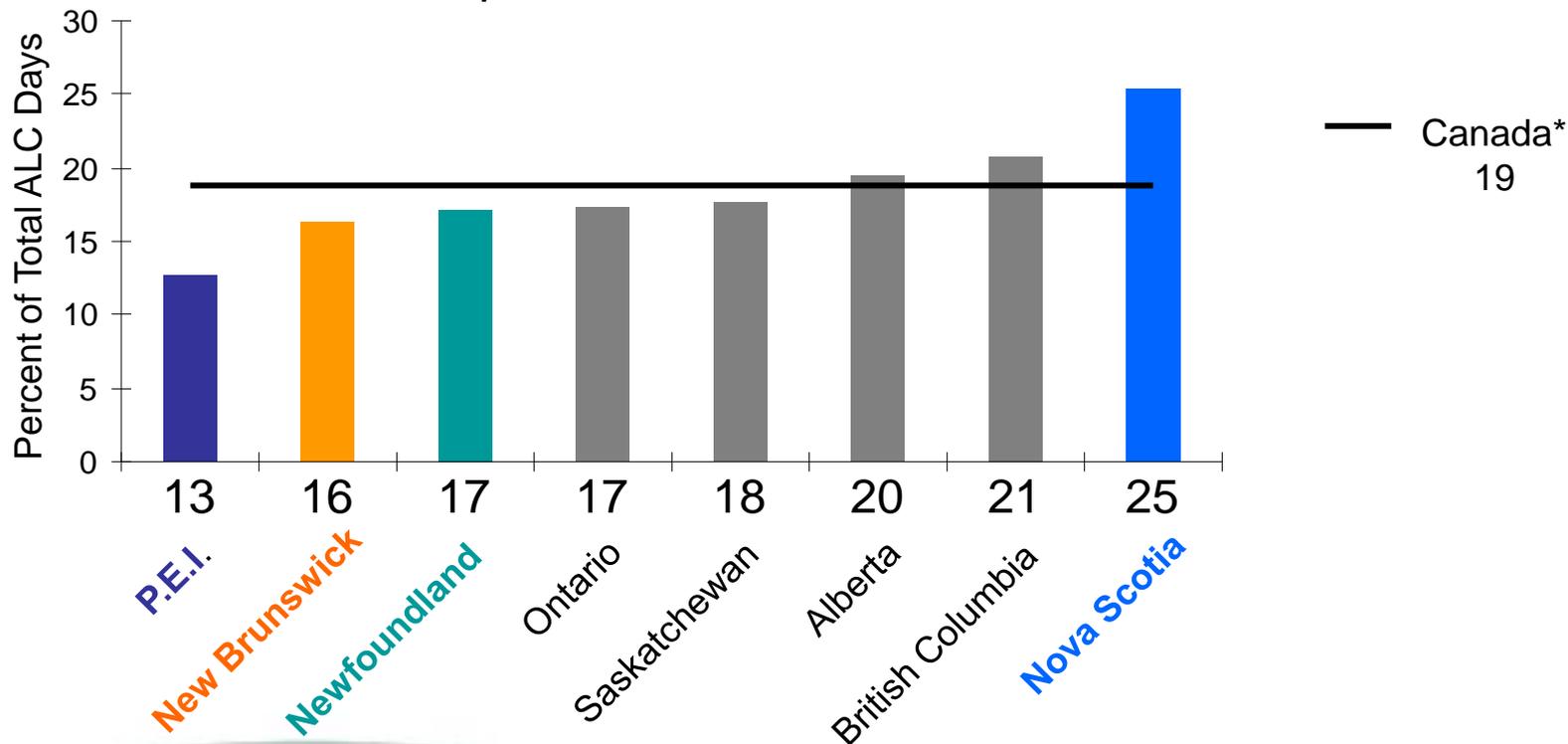


NOTES: \* Excluding Quebec residents. Data from Nunavut, NWT & Yukon suppressed due to small cell size  
SOURCE: Discharge Abstract Database. 2007/08. Canadian Institute for Health Information.



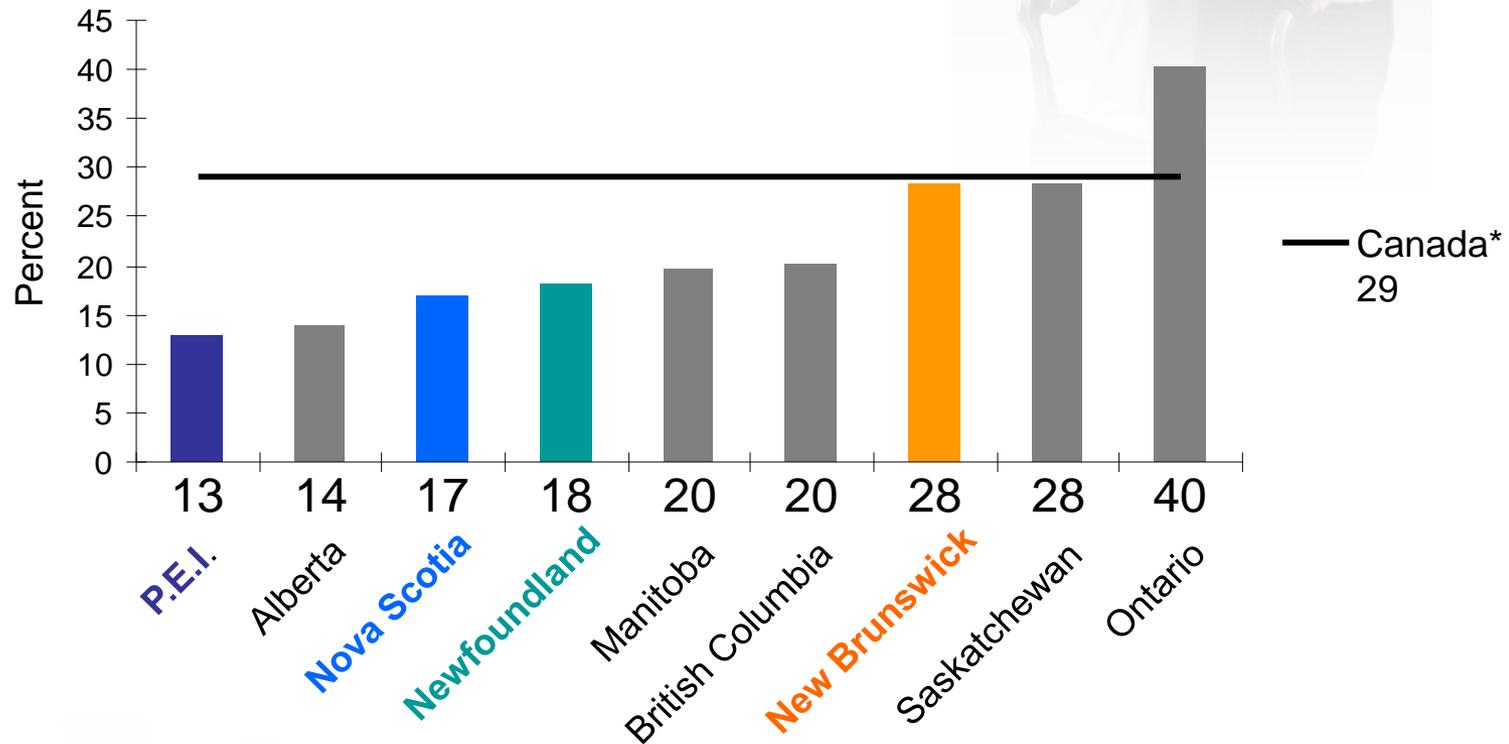
# Alternative Level of Care

Percent of Total ALC Days for Seniors Accounted for by Fall Related Hospitalizations in 2007/08



NOTES: \* Excluding Quebec residents. Data from Nunavut, NWT & Yukon suppressed due to small cell size. Manitoba data excluded because rehabilitation beds began to be systematically coded as ALC in 2006–2007. SOURCE: Discharge Abstract Database. 2007/08. Canadian Institute for Health Information.

## Percent of Non-residential Falls Transferred to Residential Care after a Fall Related Hospitalization in 2007/08



NOTES: \* Excluding Quebec residents. Data from Nunavut, NWT & Yukon suppressed due to small cell size  
SOURCE: Discharge Abstract Database. 2007/08. Canadian Institute for Health Information.

# Summary...

## 60% of Seniors

hospitalized with a fall related injury in Atlantic Canada, fell at home.

Seniors admitted to hospital as a result of falling, on average their **Length of Stay** was **6 days longer** than Seniors hospitalized without a fall event

**1 in 5** non-residential care patients in Atlantic Canada were transferred into a residential care facility after being hospitalized for a fall

**For more information:**

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