

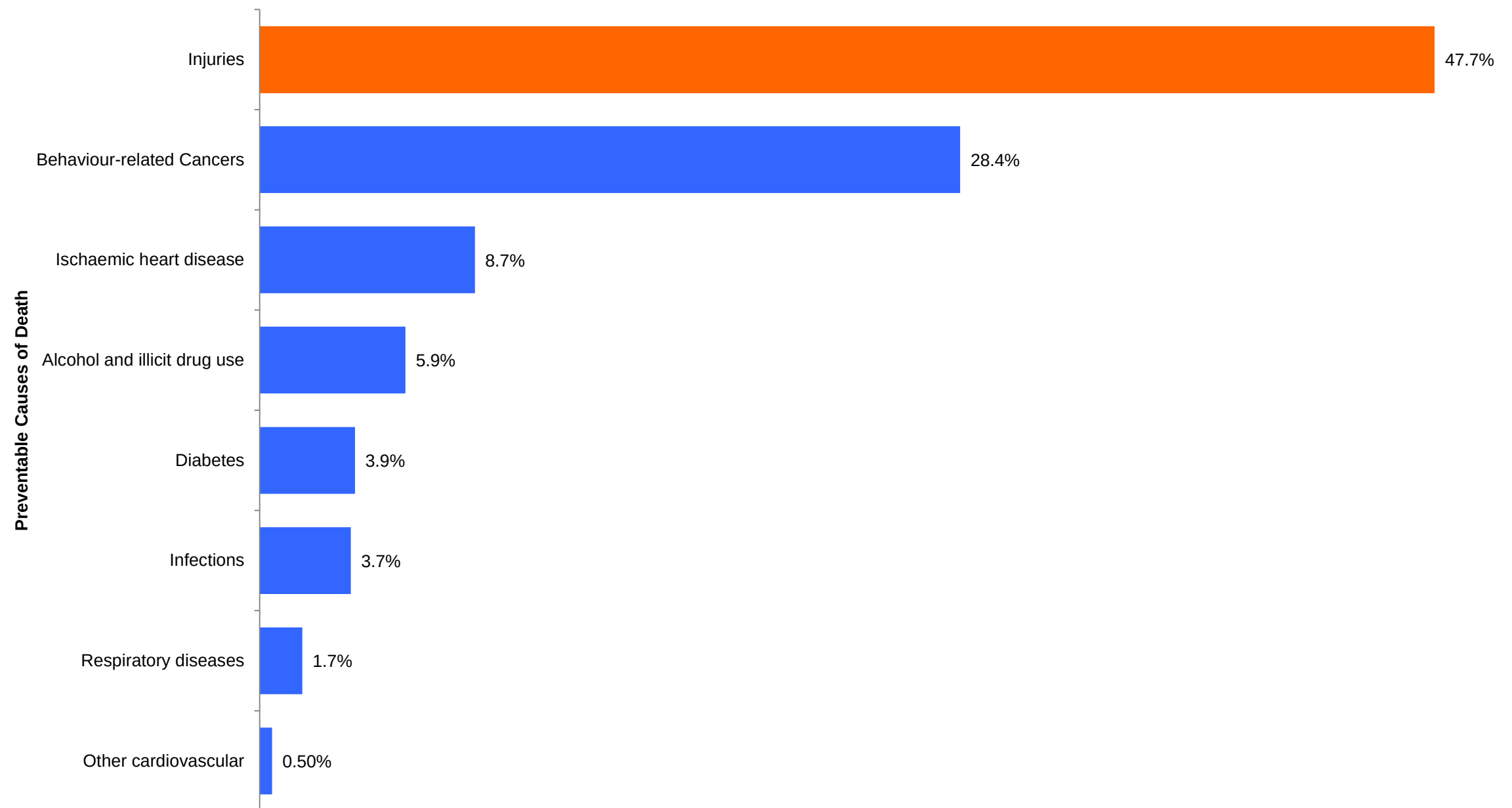
Cost of Injury in Canada The Clock is Ticking

Sparking Population Health Solutions

April 26, 2016

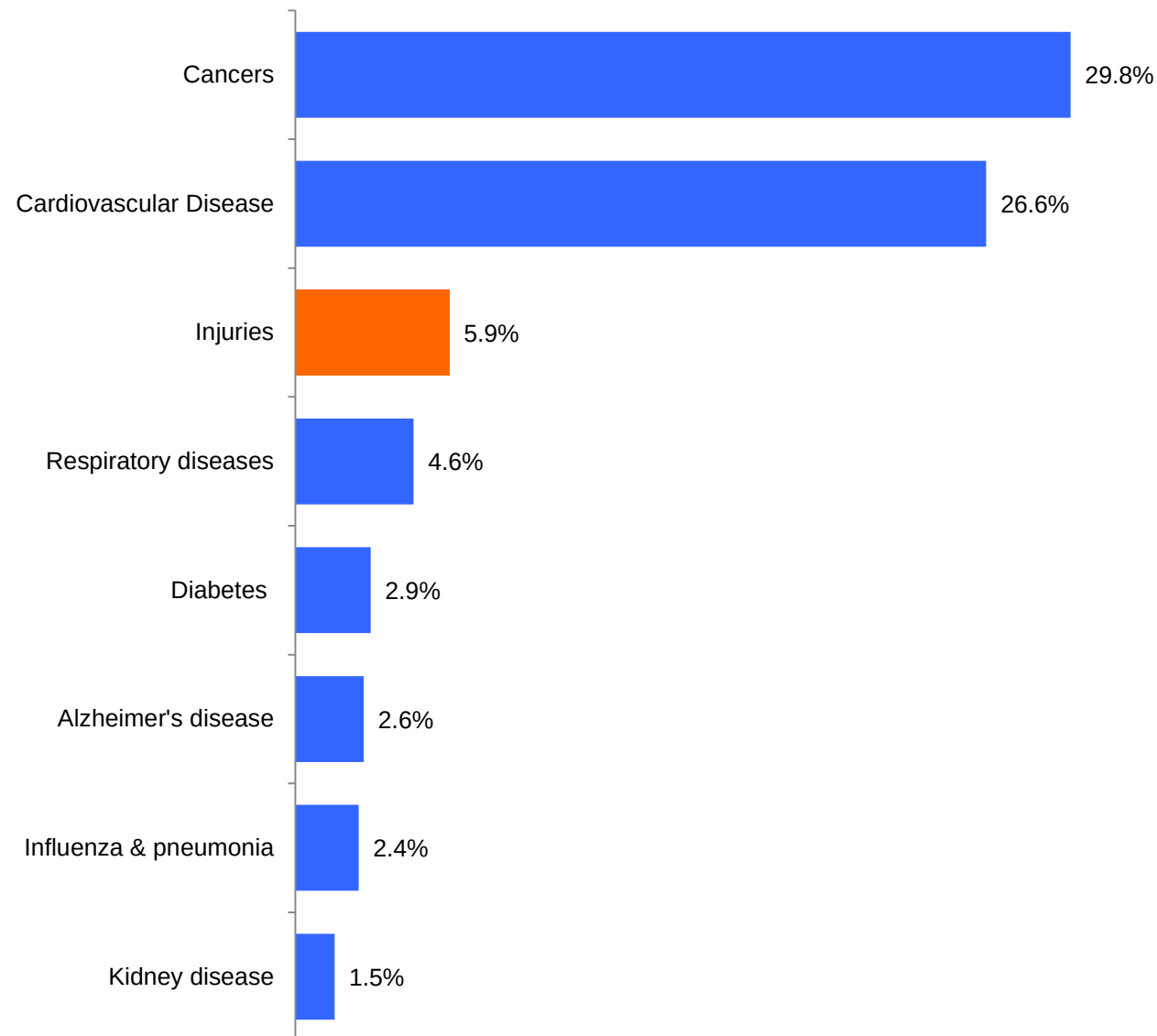
Pamela Fuselli, MSc

Preventable Years of Life Lost

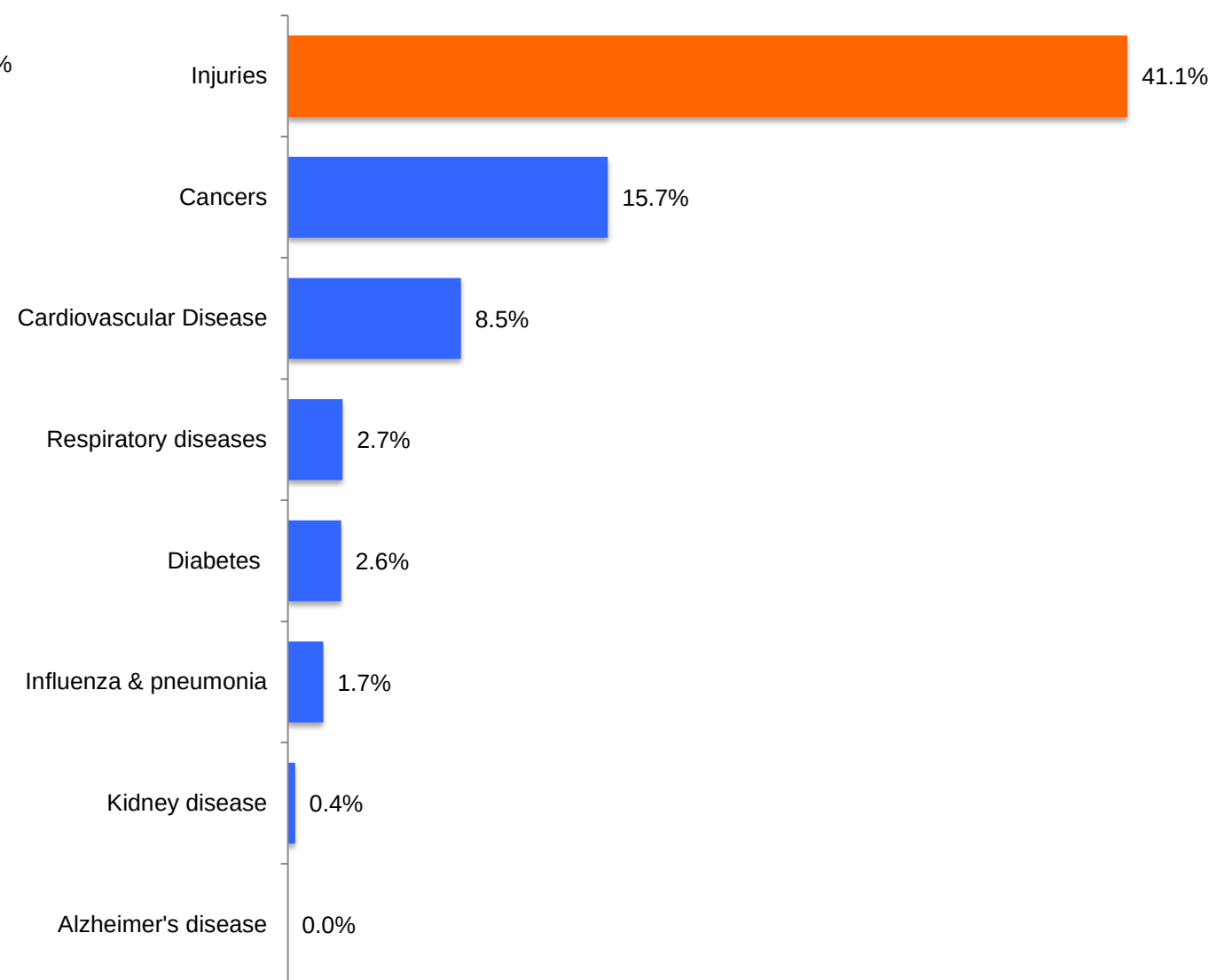


Injury Affects the Young

Leading Causes of Death All Ages, Canada



Leading Causes of Death Ages 1-44, Canada



Positive R.O.I.

Each dollar spent	Saves society
Childproof cigarette lighter	\$80
Booster seat	\$71
Child safety seat	\$42
Zero alcohol tolerance, driver under 21	\$25
Smoke alarm	\$18
Paediatrician counseling	\$9
Poison control centre	\$8

About the Report

- The development of the Report was completed in collaboration with the Conference Board of Canada, with funding support from the Public Health Agency of Canada.
- It is the third in a series of reports, beginning in 1998. The last report was produced in 2009 by SMARTRISK, one of Parachute's legacy organizations.

About The Report

- The Report draws on 2010 injury data :
 - Deaths
 - Hospitalizations
 - Non-hospitalized injuries/ ER Visits
- Provides detailed information on the **cost** of leading types of injury by **age** and **cause**.

About The Report

- The Report:
 - Quantifies the staggering toll **injury** takes on Canadians – **national** and **provincial** data.
 - Reveals both the **financial** and **human** costs.
 - In particular examines: transportation, falls, and self-harm/violence

About the Report

- New in this report is a forecasting model created by the Conference Board of Canada that provides scenarios for the potential future economic impact of injuries, as well as the projected impact of prevention activities out to 2035.
- The forecasts focus on seniors' falls, speed, and helmet use.

By the Numbers.

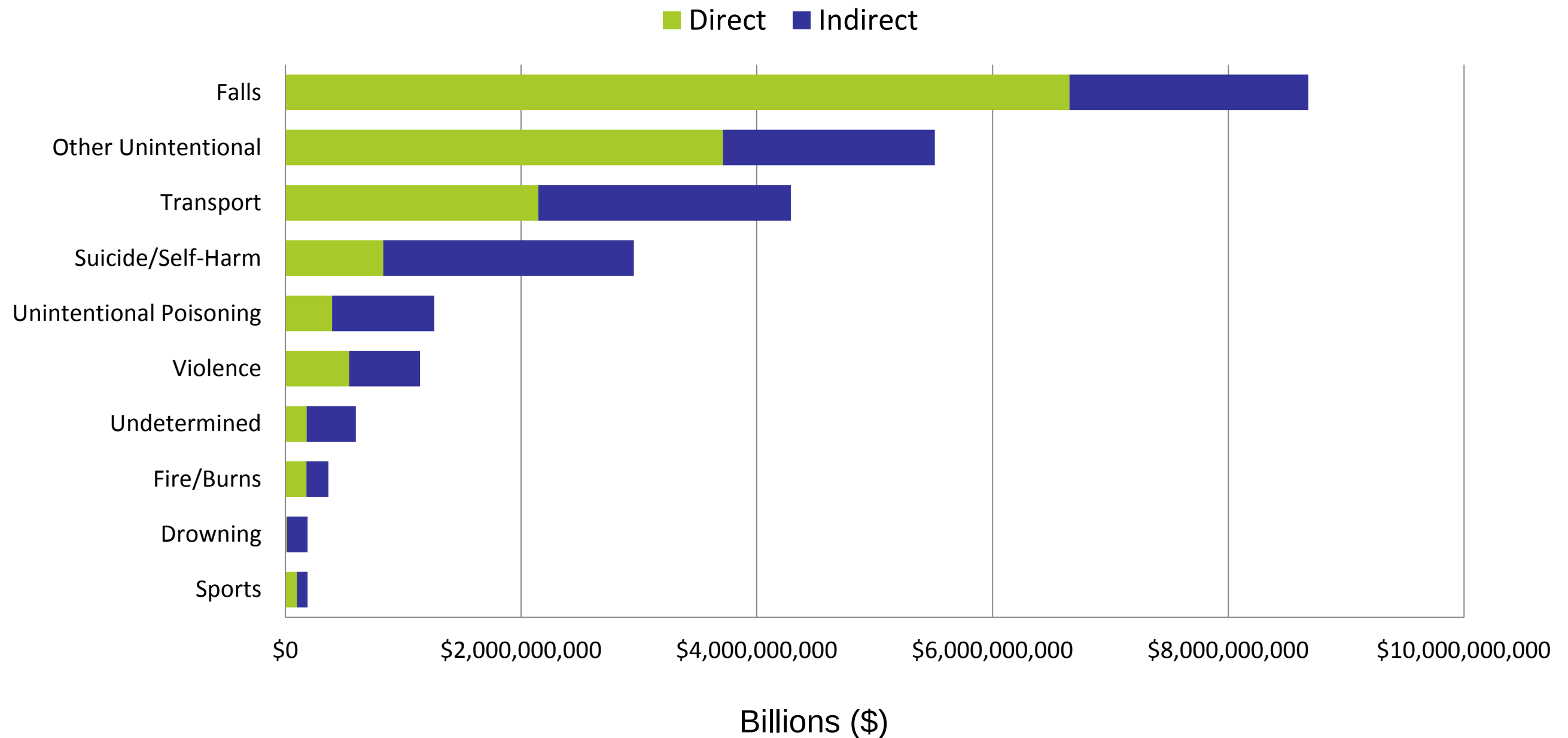
By the Numbers

Injury Deaths	Hospitalized Treatment	Emergency Room Visits	Permanent Partial Disability	Permanent Total Disability	Total Economic Cost of Injury
15,866	231,596	3,492,148	55,717	4,425	\$ 26.8 billion

Costs of Injury

- The total cost of injury can be divided into **direct costs** (health care costs arising from injuries) and **indirect costs** (costs related to reduced productivity from hospitalization, disability, and premature death).
- The total cost of injury in 2010 was **\$26.8 billion**.
- The economic cost of injury in Canada has increased by 35% since 2004.

Direct & Indirect Cost by Cause, Canada 2010

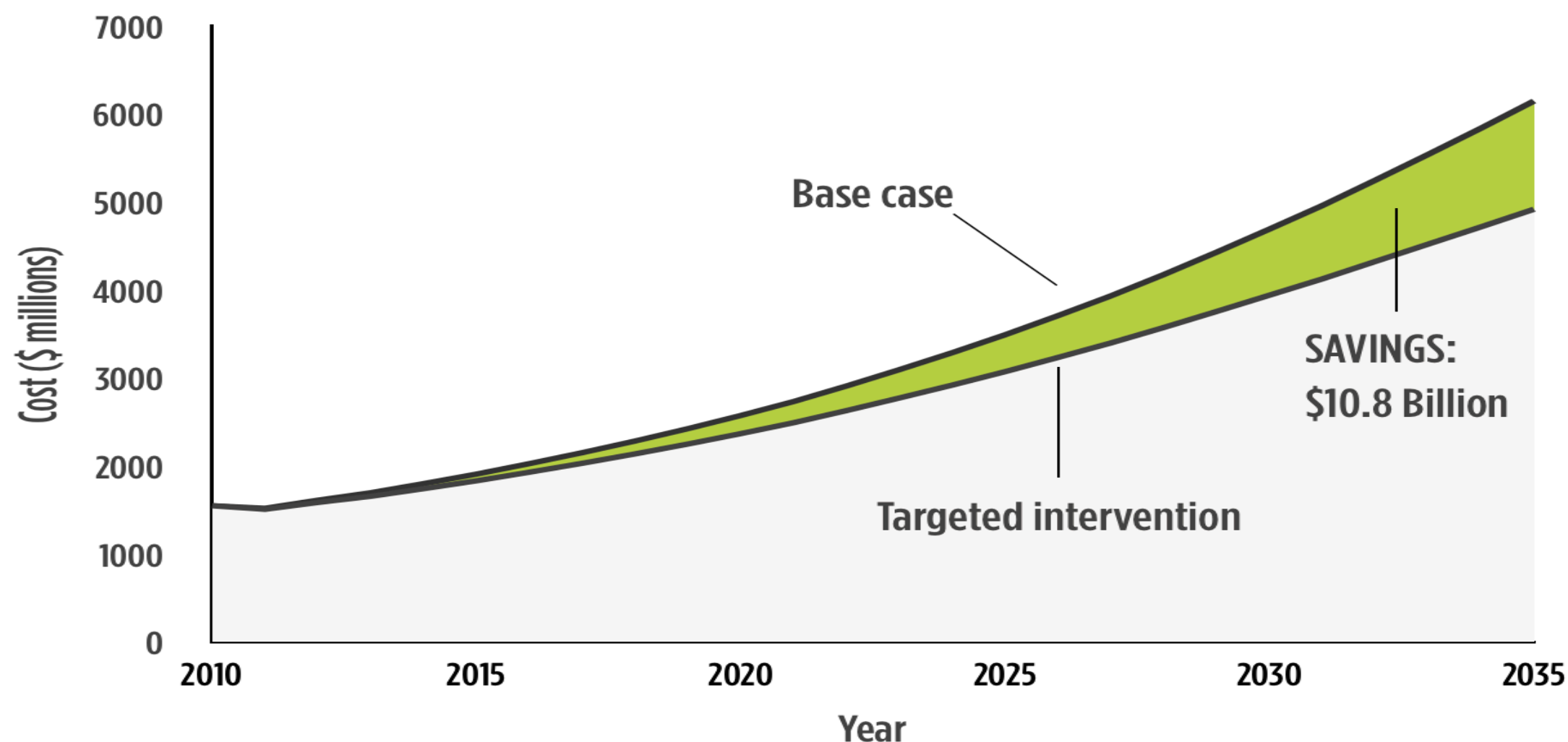


Costs of Injury

- **Falls** were the leading cause of overall injury costs in Canada in 2010.
- Falls account for **\$8.7 billion**, followed by transport incidents **at \$4.3 billion**, other unintentional injuries at **\$5.5 billion** and suicide/self-harm at **\$2.9 billion**.

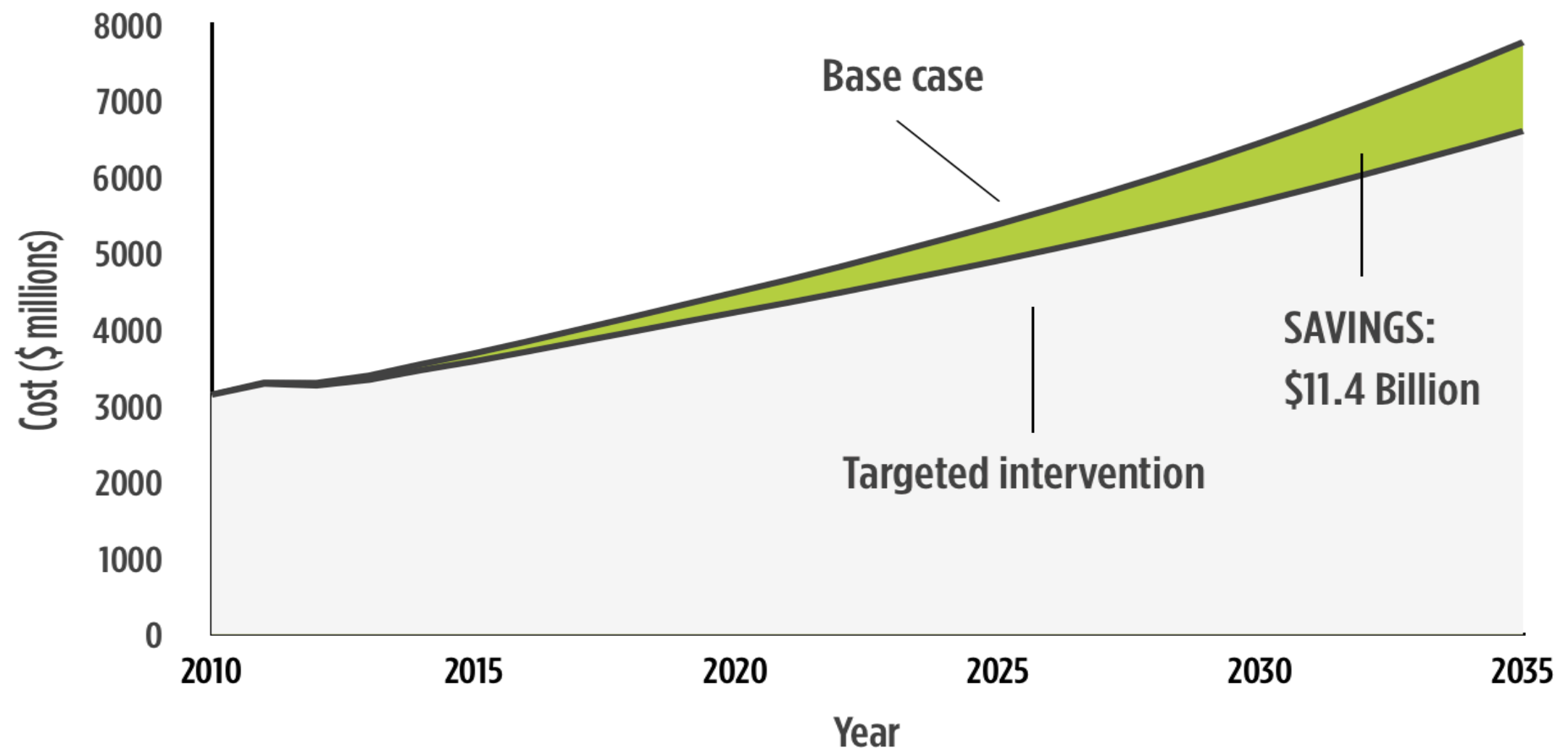
**What will the
future bring?**

Injuries Related to Falls



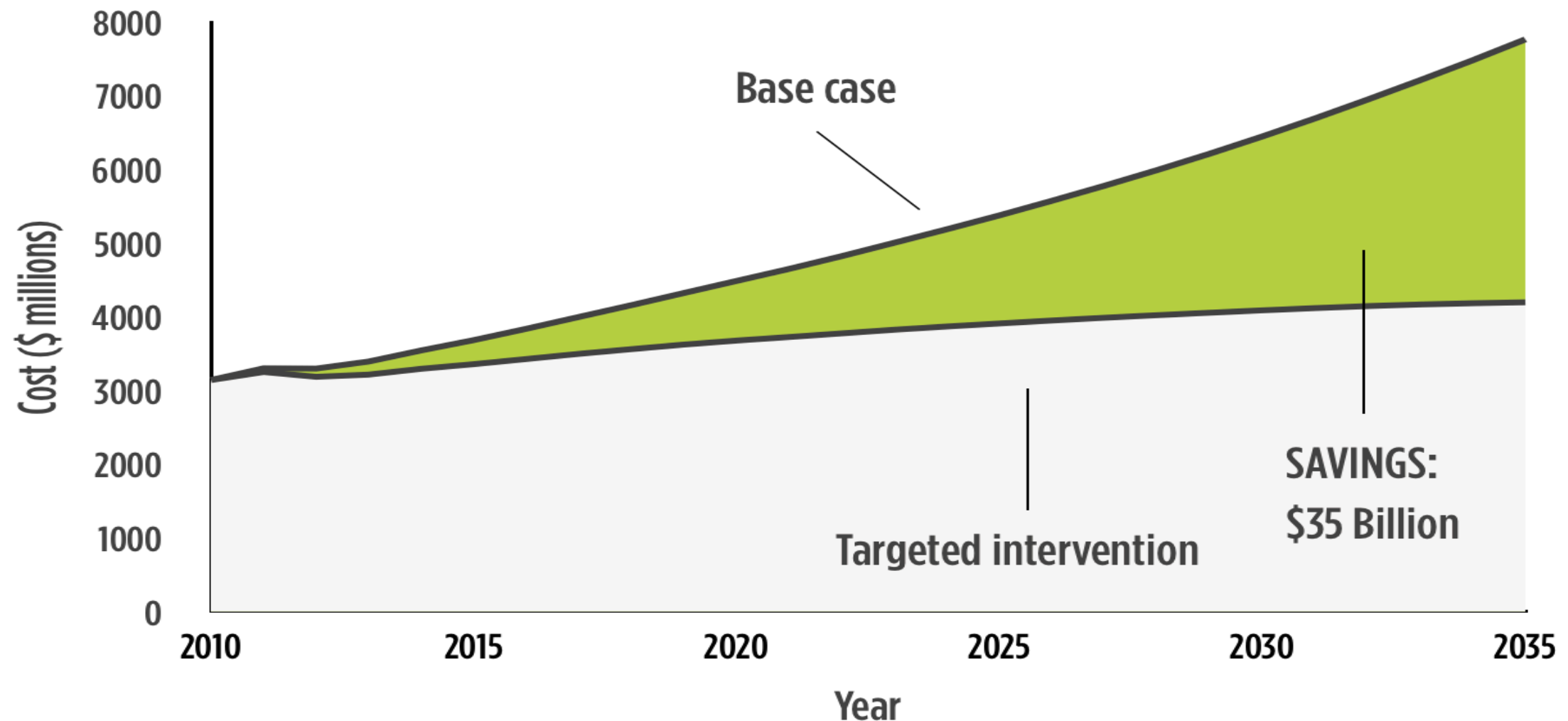
It is forecasted that achieving a 20% reduction between 2010-2035 would result in 4,400 lives saved and \$10.8 B costs avoided.

Injuries Related to Transport Incidents



It is forecasted that through speed cameras achieving a 15% reduction in injuries and deaths between 2010-2035 would result in 3,200 lives saved and \$11.4 B costs avoided.

Injuries Related to Transport Incidents



It is forecasted that through speed calming achieving a 30% reduction in deaths and a 50% reduction in injuries between 2010-2035 would result in 6,300 lives saved and \$35 B costs avoided.

The human impact, on individuals, families and communities is immeasurable, and is exacted through diminished health, wellbeing, and potential to live long lives to the fullest.

Igniting the Conversation

Sparkling Solutions

- Preventable injuries have links to all areas of Canadian's lives – work, school, community – but they are largely hidden from social consciousness as one issue.
- The financial burden is felt in the healthcare sector but the the solutions lie largely outside of acute care.

Sparkling Solutions

- Impacts on economics as dollars used to address hospitalizations, emergency room visits, disabilities, lost work time could be used elsewhere if injuries are prevented.
- Experts estimate that up to 90% of injuries could be prevented by simply implementing *what we already know*.

Sparkling Solutions

- Parachute is making connections to non-traditional sectors and linking other social, cultural and environmental issues to solve the problem.
- What else can be done to catalyze and accelerate action?

Thank you

www.parachutecanada.org