

Workplace Safety in the Forestry Industry



WorkplaceNL
2023

Provincial Perspective

All Rates (2006 to 2022) have been revised due to rebased Employment effective January, 2023, Statistics Canada

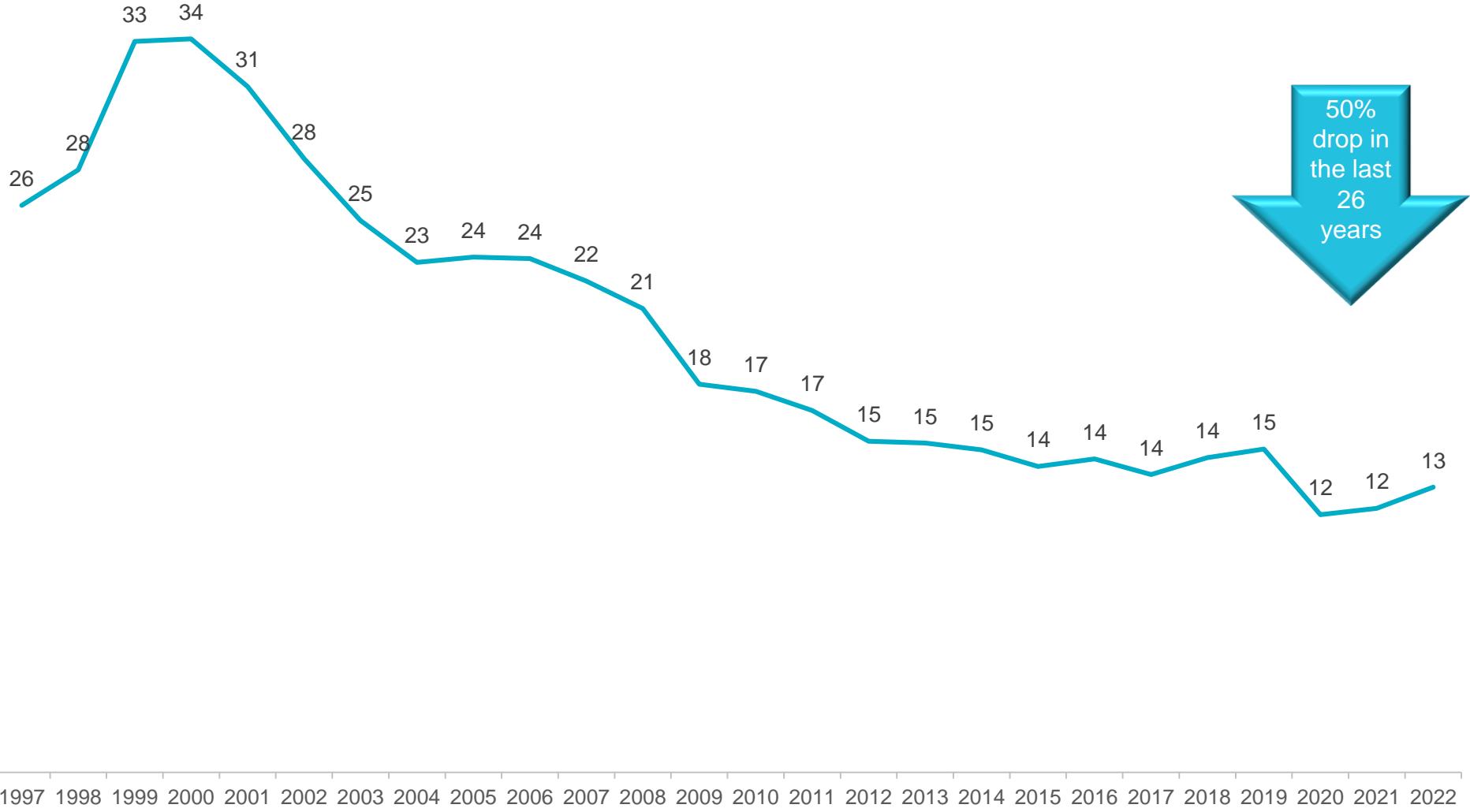
Definitions

- **Annual Average Employment** levels are used in all WorkplaceNL calculations of its injury rates. The annual average employment is based on Statistics Canada Labour Force Survey (LFS) estimates. *“The Labour Force Survey (LFS) provides estimates of employment and unemployment, which are among the most timely and important measures of the performance of the Canadian economy.” Statistics Canada*
 - Annual average employment captures those aged 15 and older who are employed at the time of the Labour Force Survey.
 - All Injury Rates (2006 to 2022) have been revised due to rebased Annual Average Employment effective January, 2023, Statistics Canada.
- **Injury Rates**
 - All injury rates are presented as per either 100, 1,000, 10,000 or 100,000 employees. These various dimensions are used to make the injury rates more meaningful statistics as a proportion of workers employed. Employment levels used in the calculations are based on Statistics Canada, *Labour Force Survey as supplied by Newfoundland and Labrador Statistics Agency*.
 - Injury rate calculation example:
 - $(\text{Claims} \times 100) / \text{Employment Level}$
- **Claims Costs by Payment Year**
 - Claims costs by payment year are claim costs that are paid out in a given year irrespective of the date of injury.
- **Health and Safety Awareness Index**
 - The Health and Safety Awareness Index is an indicator of the level of awareness of health and safety in the workplace. It is calculated based on responses to select questions from the Health and Safety Awareness Survey for workers conducted by *Newfoundland and Labrador Statistics Agency*. There are a total of 18 questions taken from Knowledge, Awareness and Empowerment categories and scored to produce an index value.



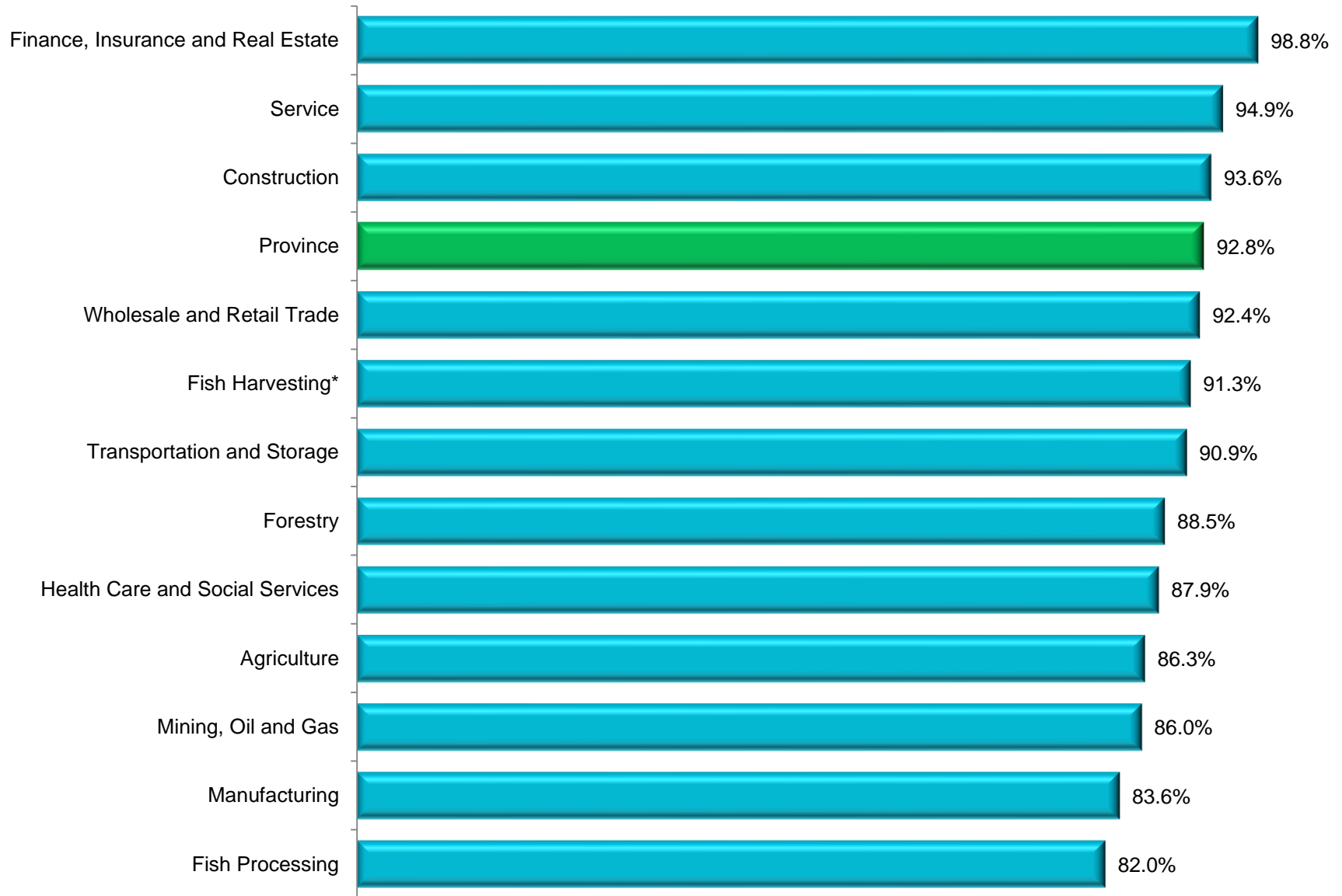
Forestry Industry Selected Indicators

Number of Workers Injured per Day (on average) Newfoundland and Labrador 1997 - 2022

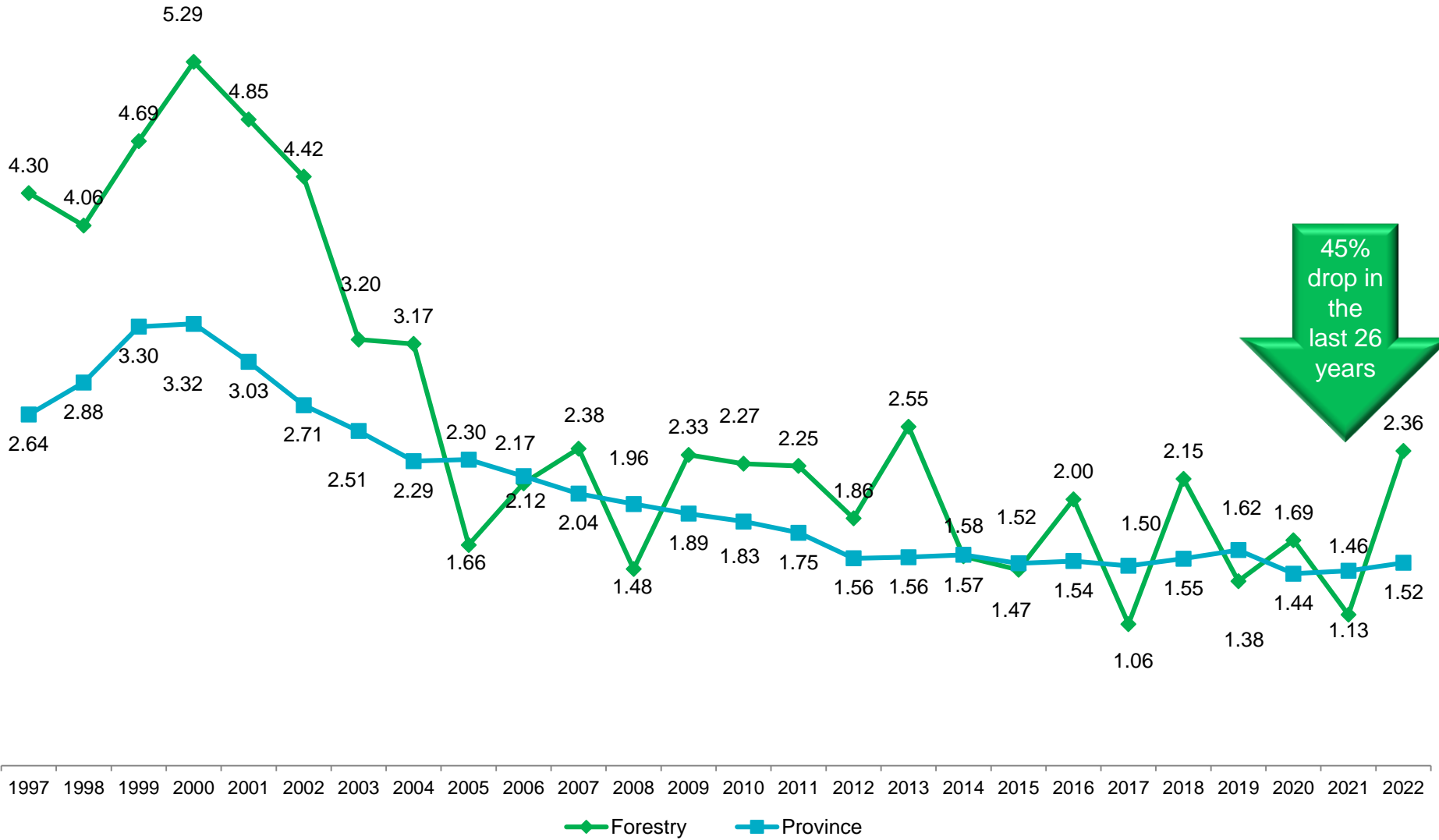


50%
drop in
the last
26
years

Percentage of Injury Free Employers by Industry Newfoundland and Labrador 2022

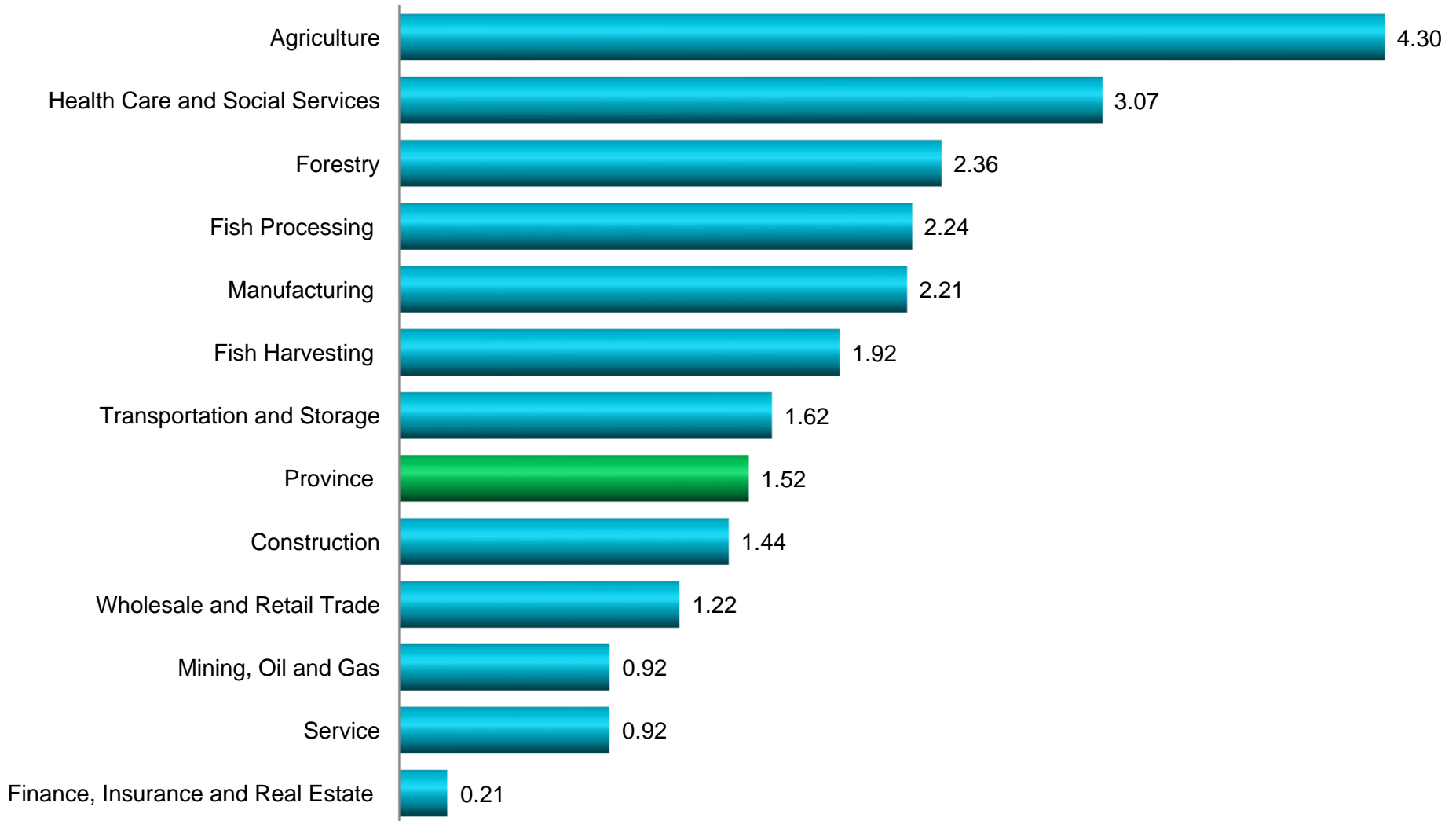


Forestry Industry Lost-time Incidence Rate / 100 Employees Newfoundland and Labrador 1997 - 2022

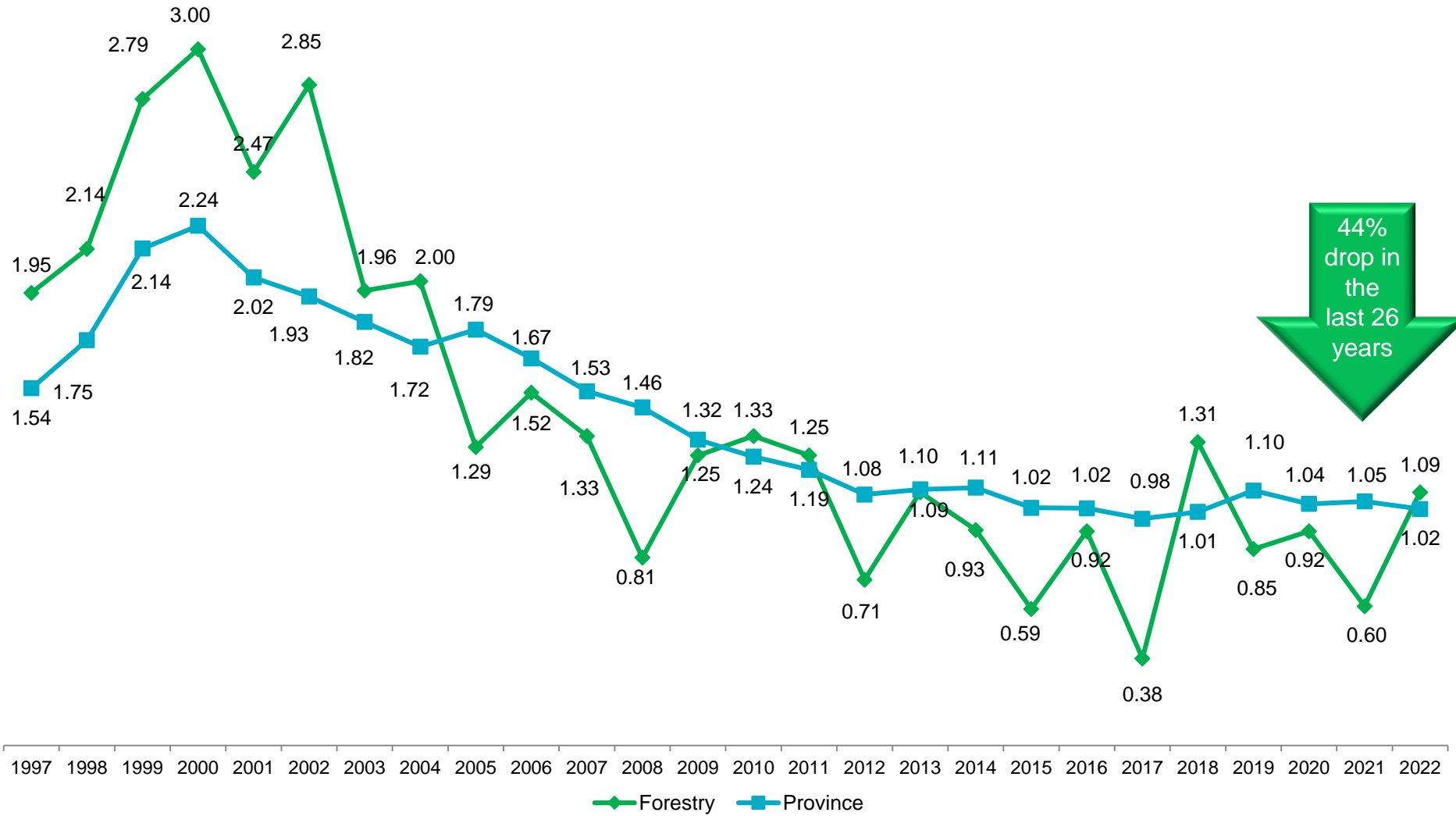


45%
drop in
the
last 26
years

Lost-time Incidence Rate per 100 Employees
Industry Comparison
Newfoundland and Labrador 2022

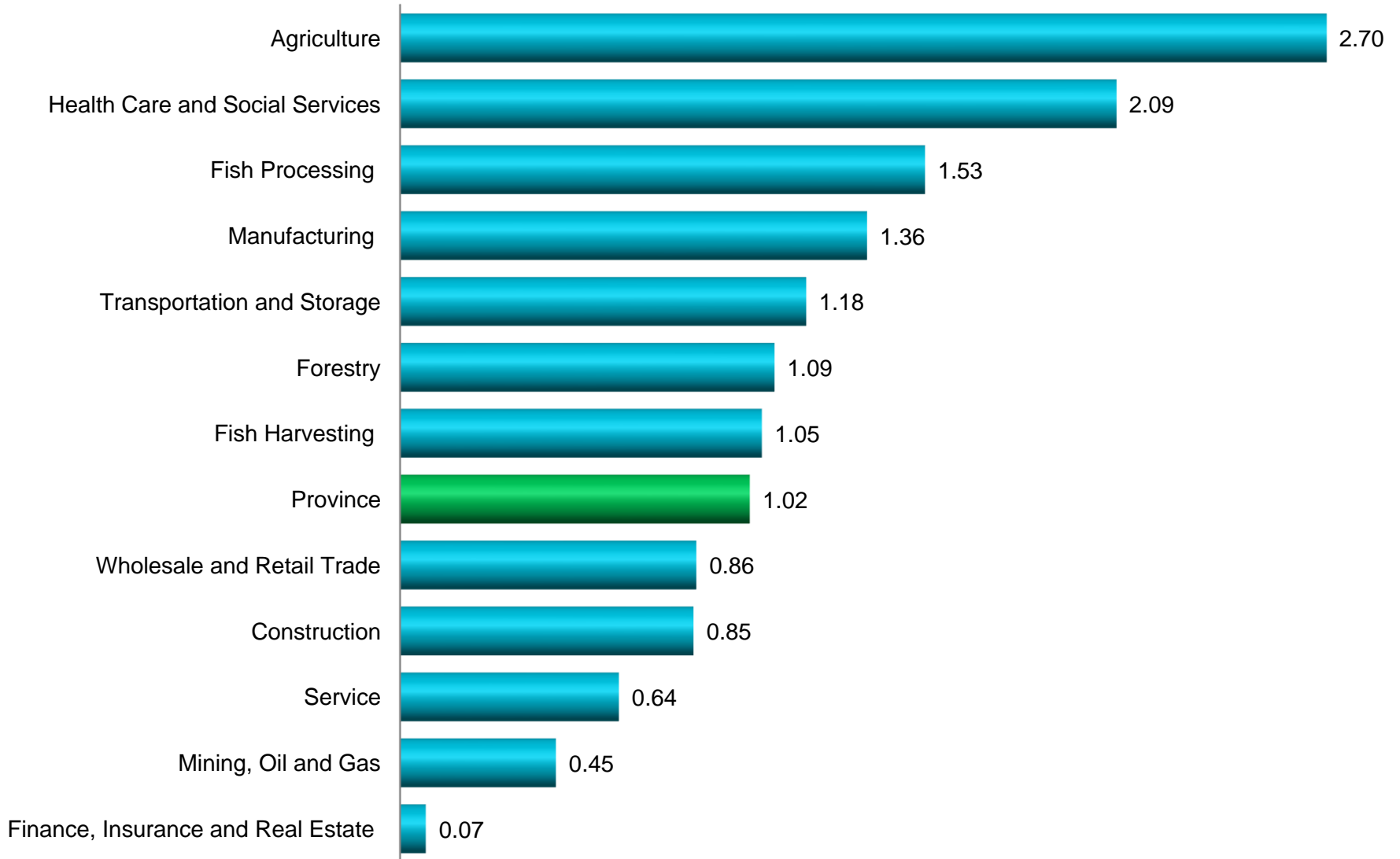


Forestry Industry Soft Tissue Incidence Rate / 100 Employees Newfoundland and Labrador 1997 - 2022

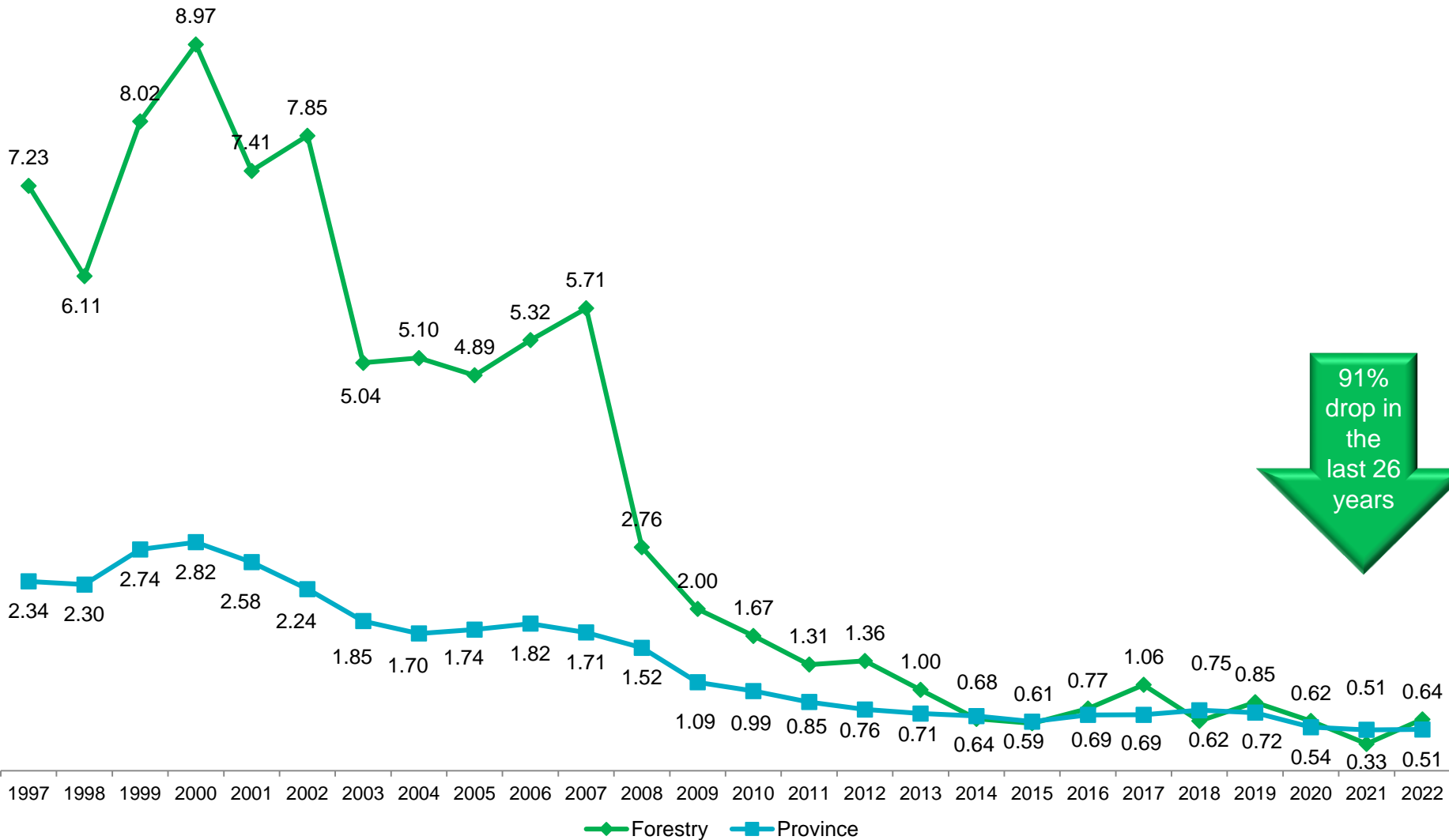


44%
drop in
the
last 26
years

Soft Tissue Incidence Rate per 100 Employees
Industry Comparison
Newfoundland and Labrador 2022

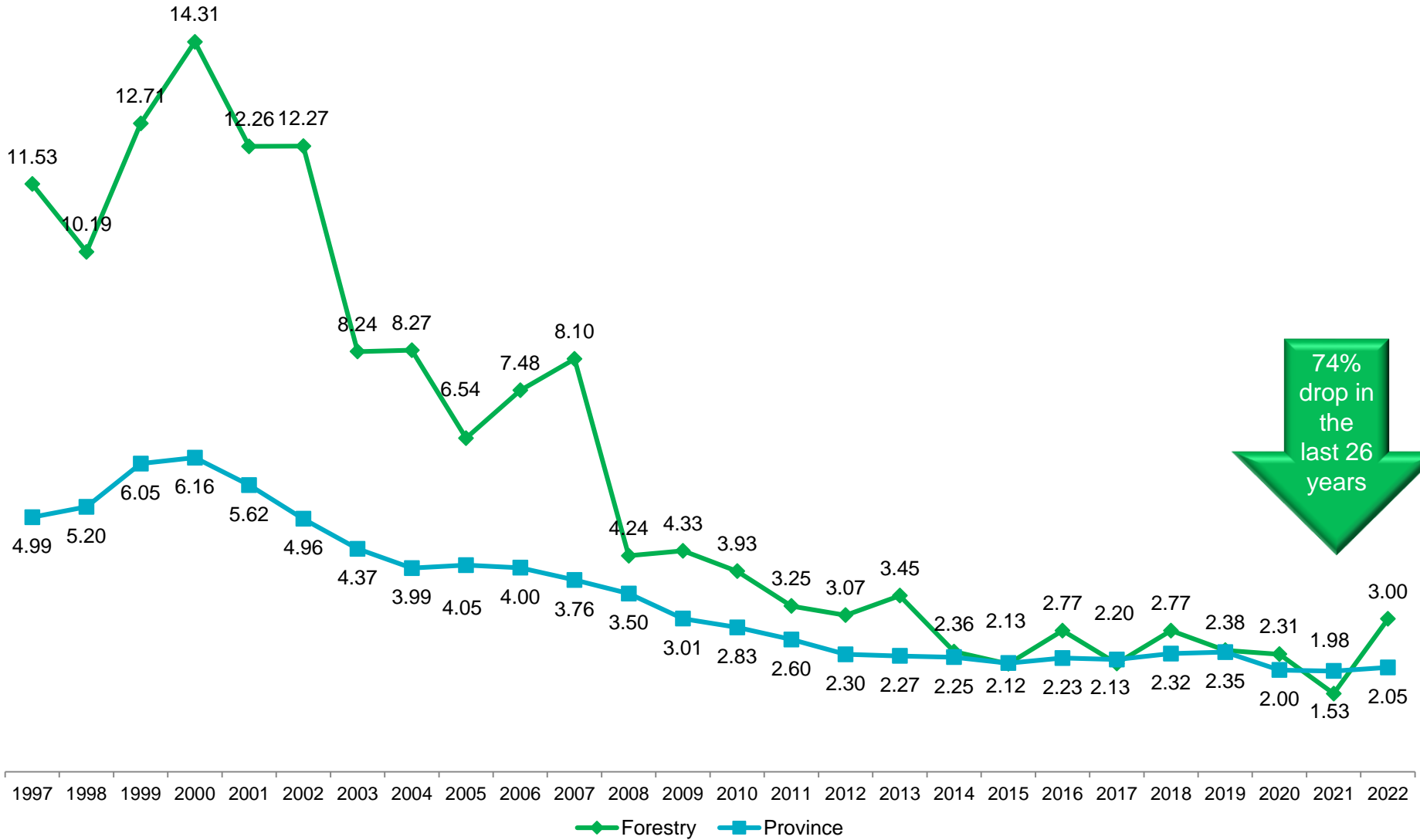


Forestry Industry Health Care Only Incidence Rate / 100 Employees Newfoundland and Labrador 1997 - 2022



91%
drop in
the
last 26
years

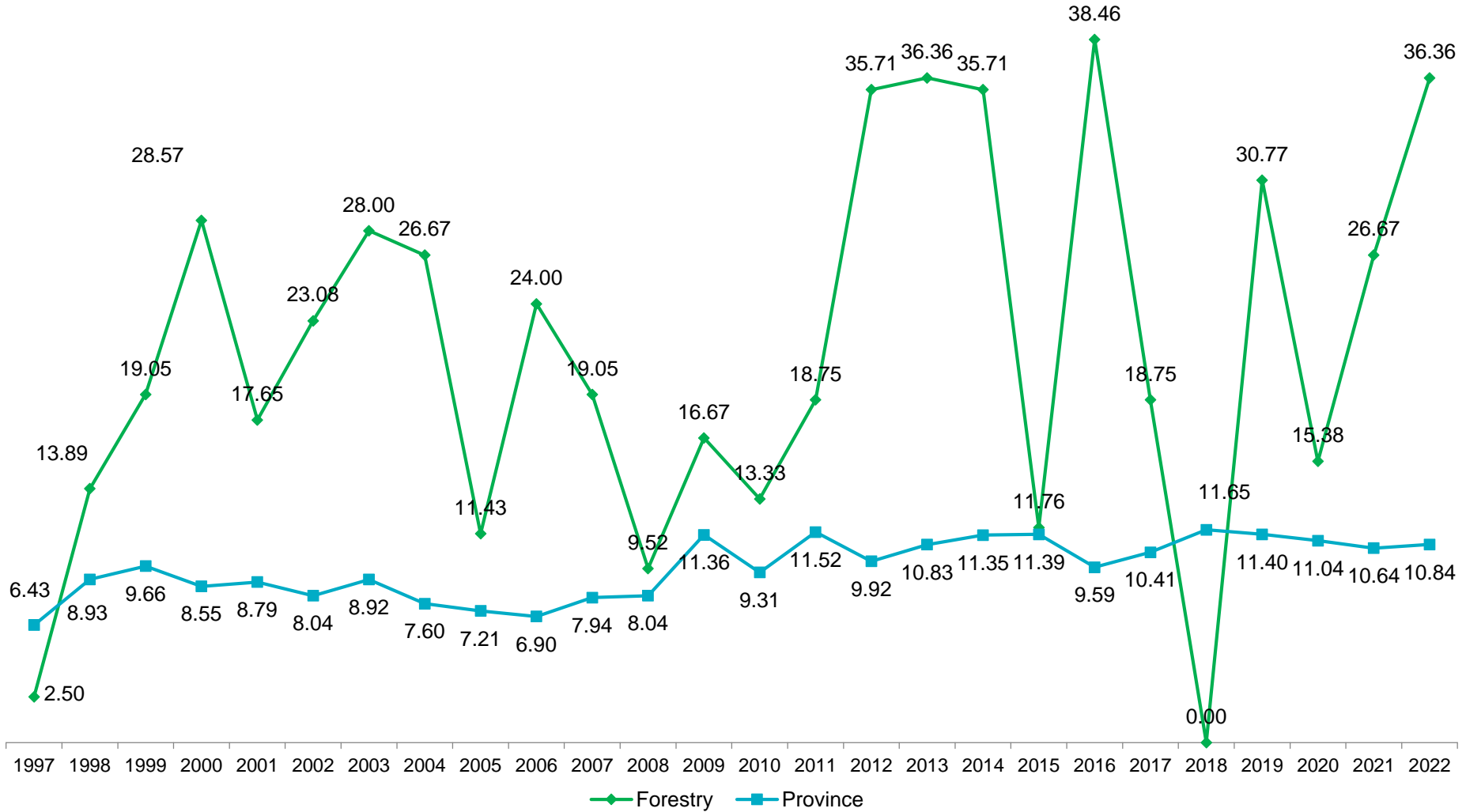
Forestry Industry All Claims Incidence Rate / 100 Employees Newfoundland and Labrador 1997 - 2022



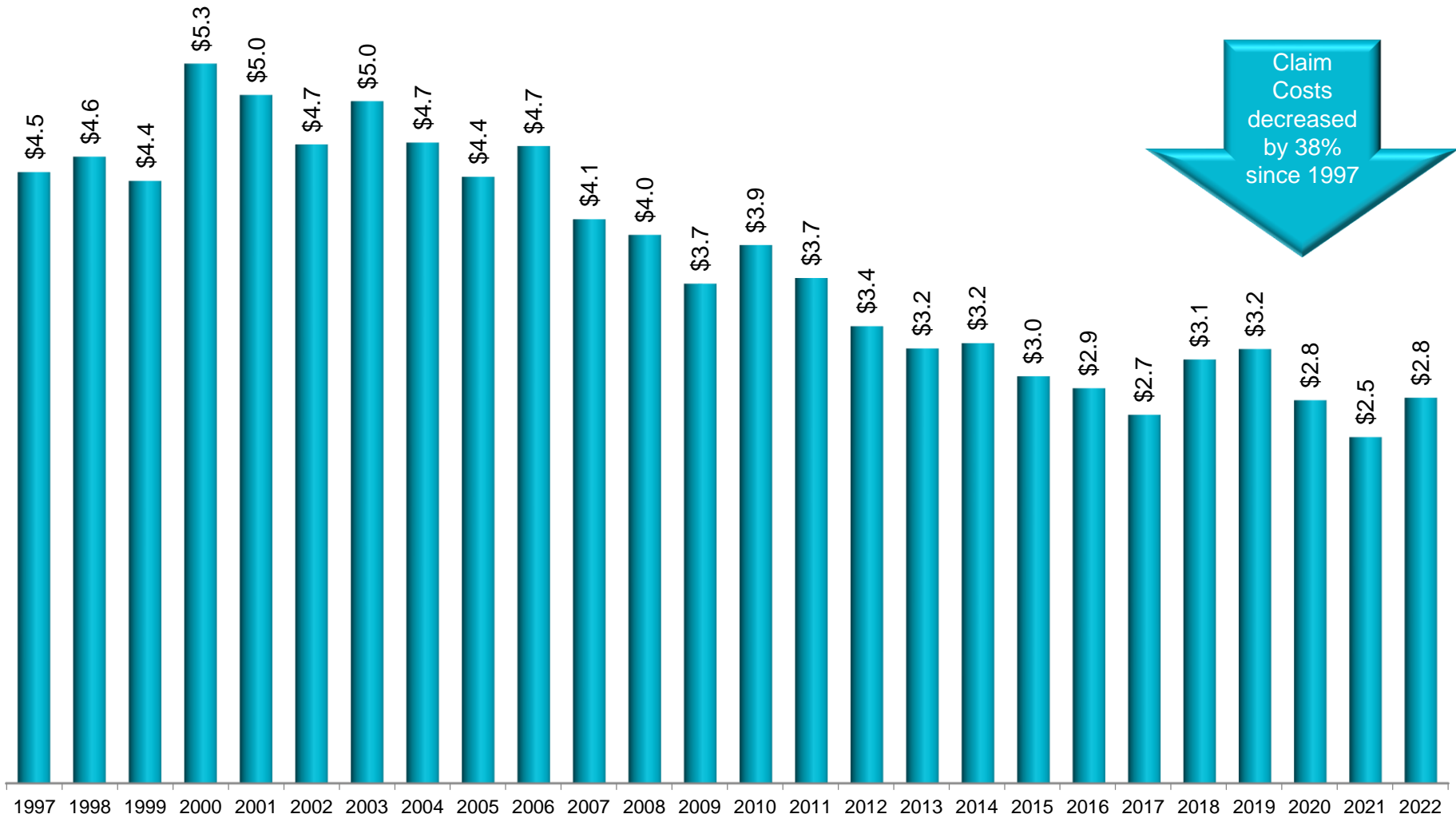
74%
drop in
the
last 26
years

Forestry Industry Serious Injury Rate / 10,000 Employees Newfoundland and Labrador 1997 - 2022

33 Serious Injuries in the last 10 years

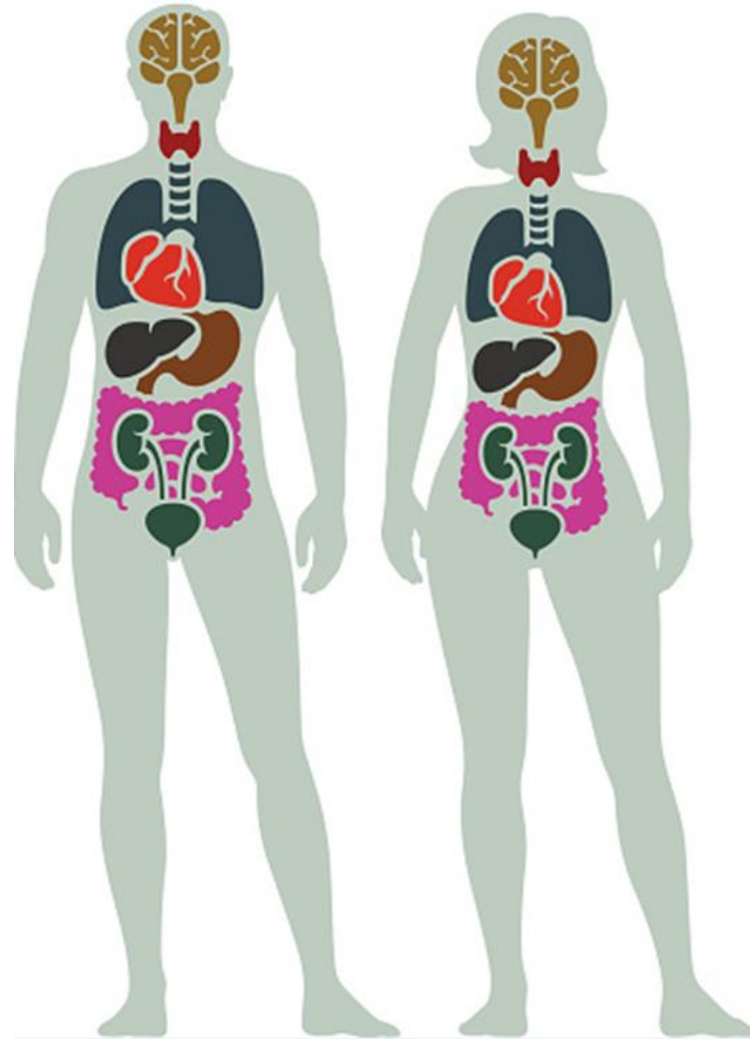


Forestry Industry
Total Claim Costs (millions) by Payment Year
Newfoundland and Labrador 1997 - 2022



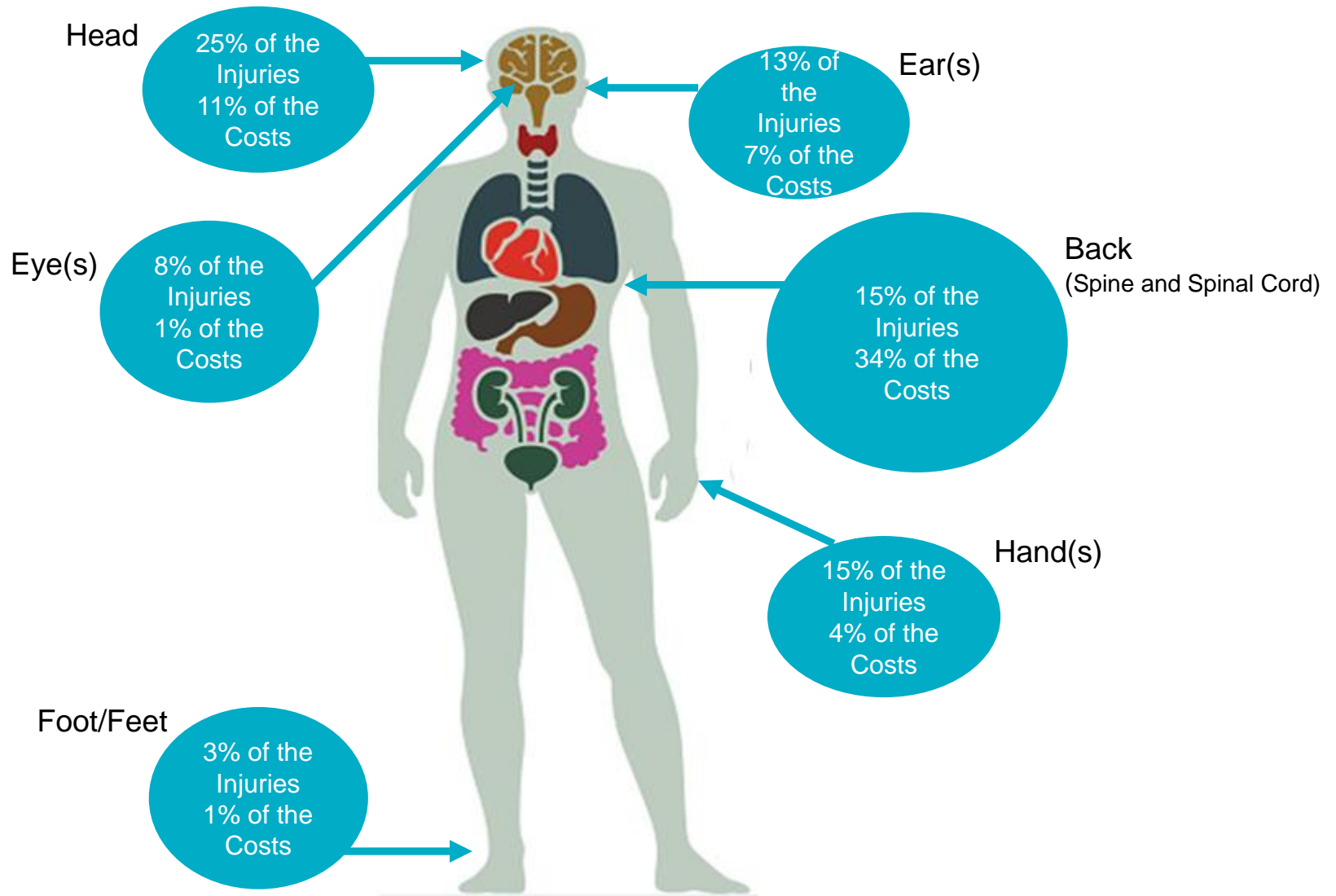
Claim Costs decreased by 38% since 1997

Selected Parts of Body Metrics

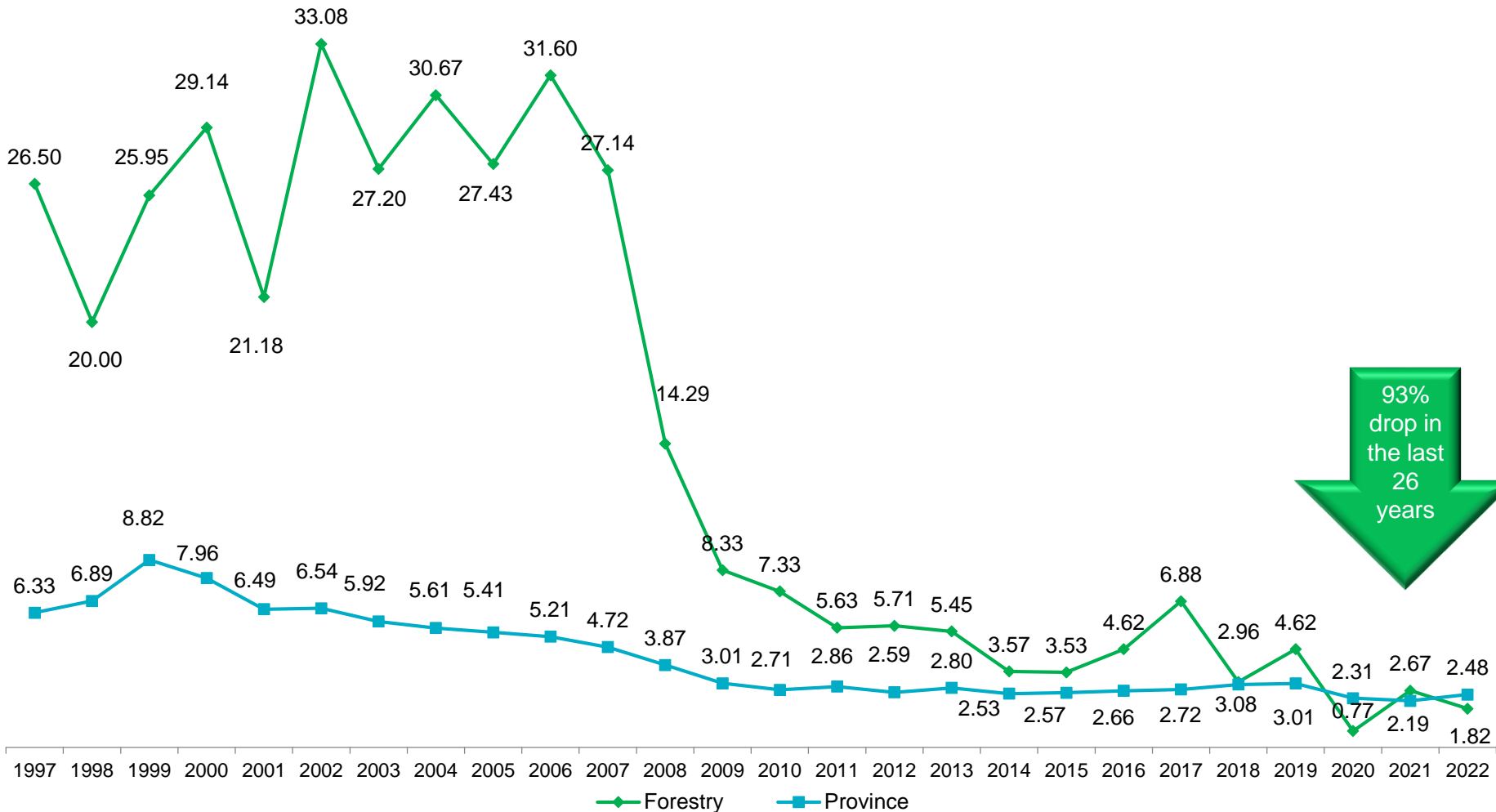


Work related Physical Injuries

What are the effects over the last 26 years?

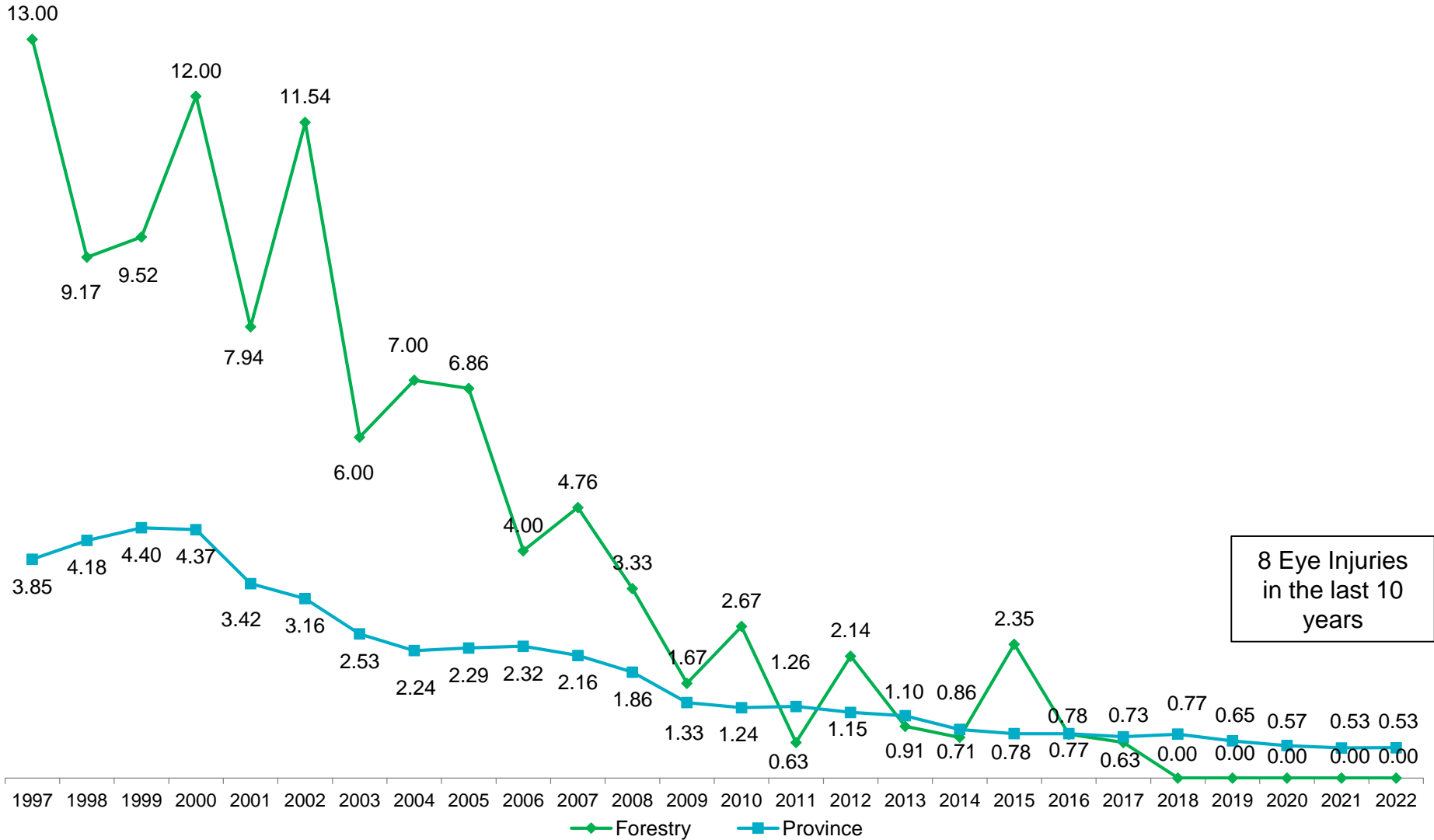


Forestry Industry
Head Injury Rate / 1,000 Employees
Newfoundland and Labrador 1997 - 2022



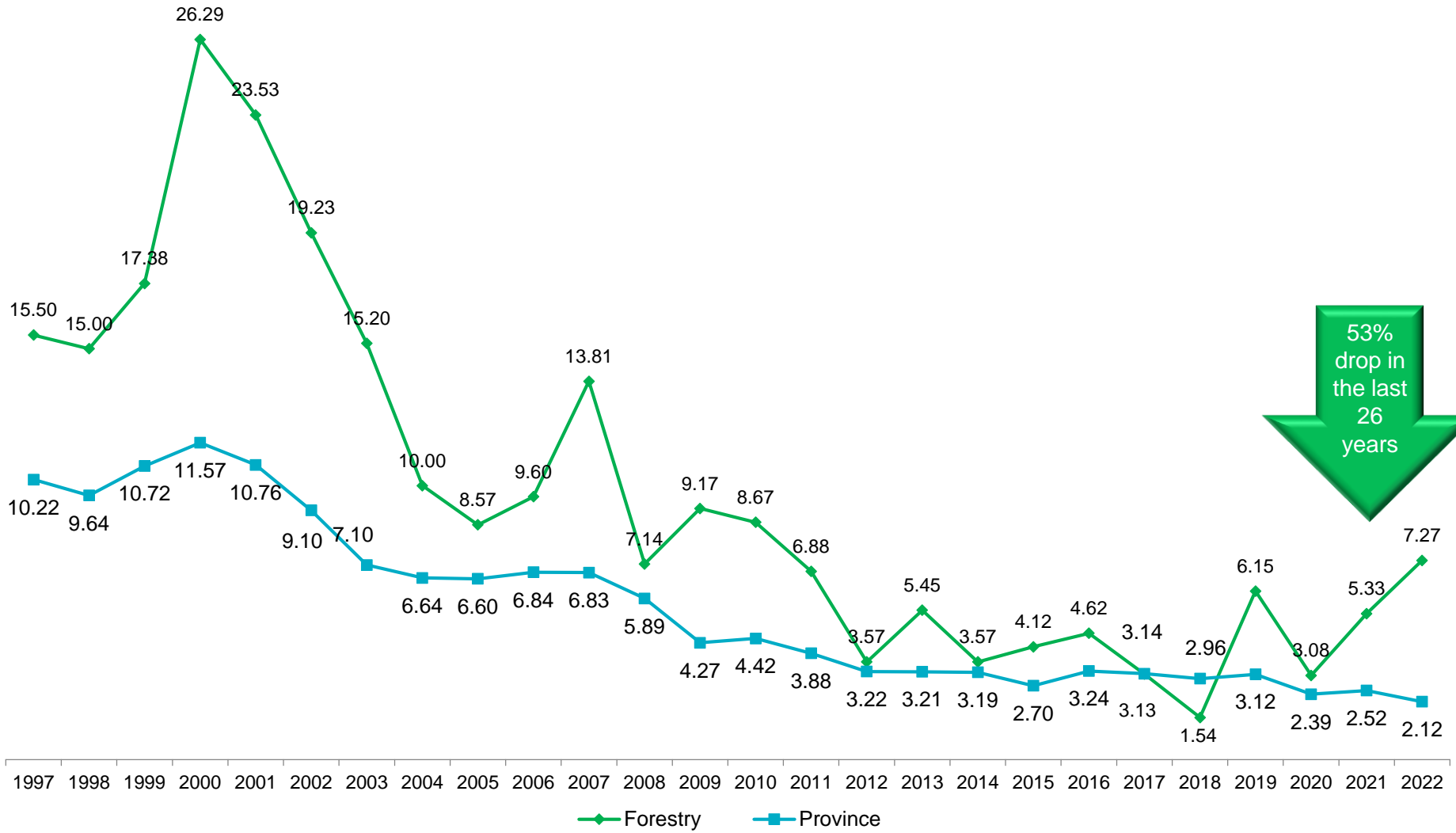
93%
drop in
the last
26
years

Forestry Industry
 Eye Injury Rate / 1,000 Employees
 Newfoundland and Labrador 1997 - 2022



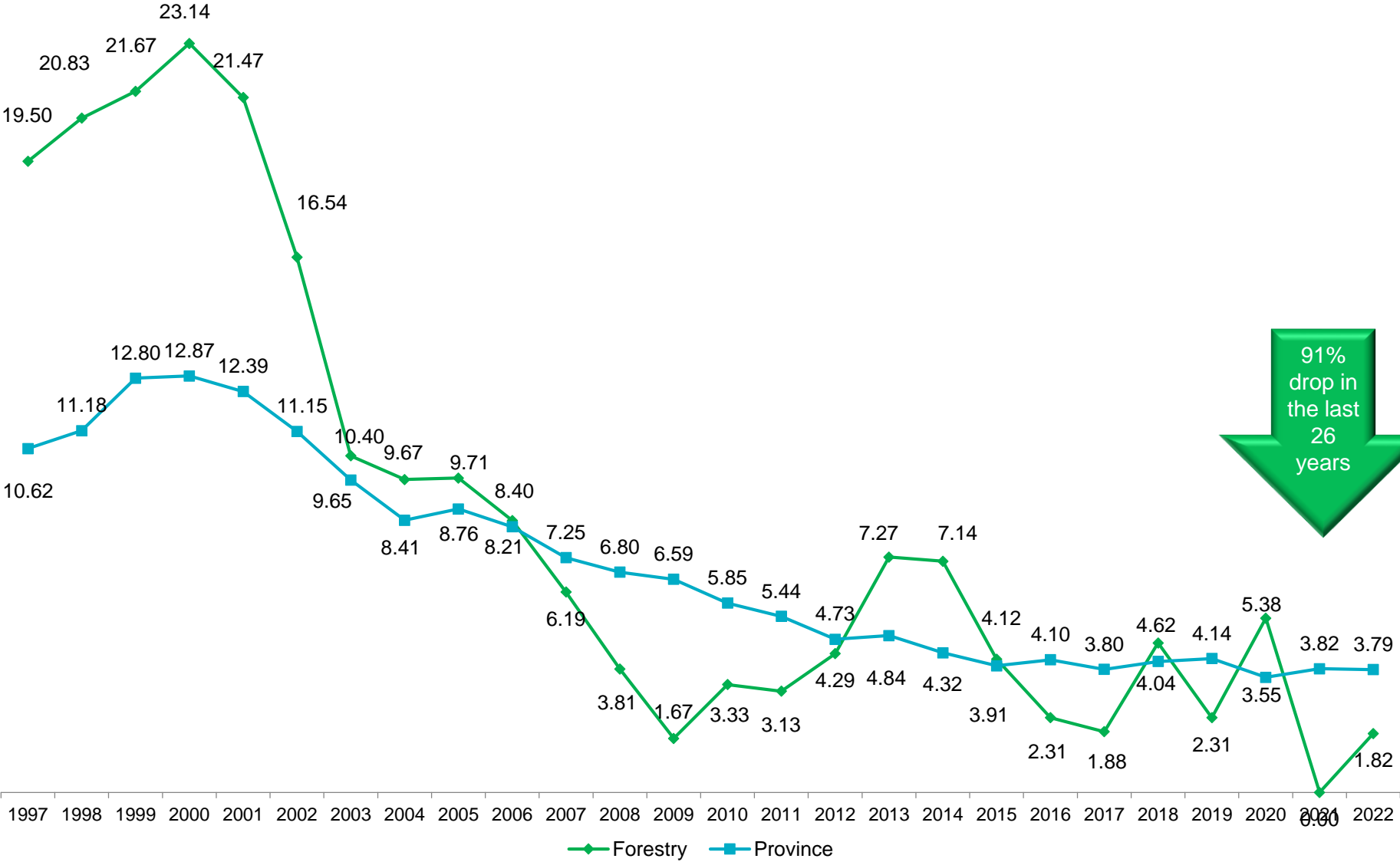
8 Eye Injuries
 in the last 10
 years

Forestry Industry Hand Injury Rate / 1,000 Employees Newfoundland and Labrador 1997 - 2022



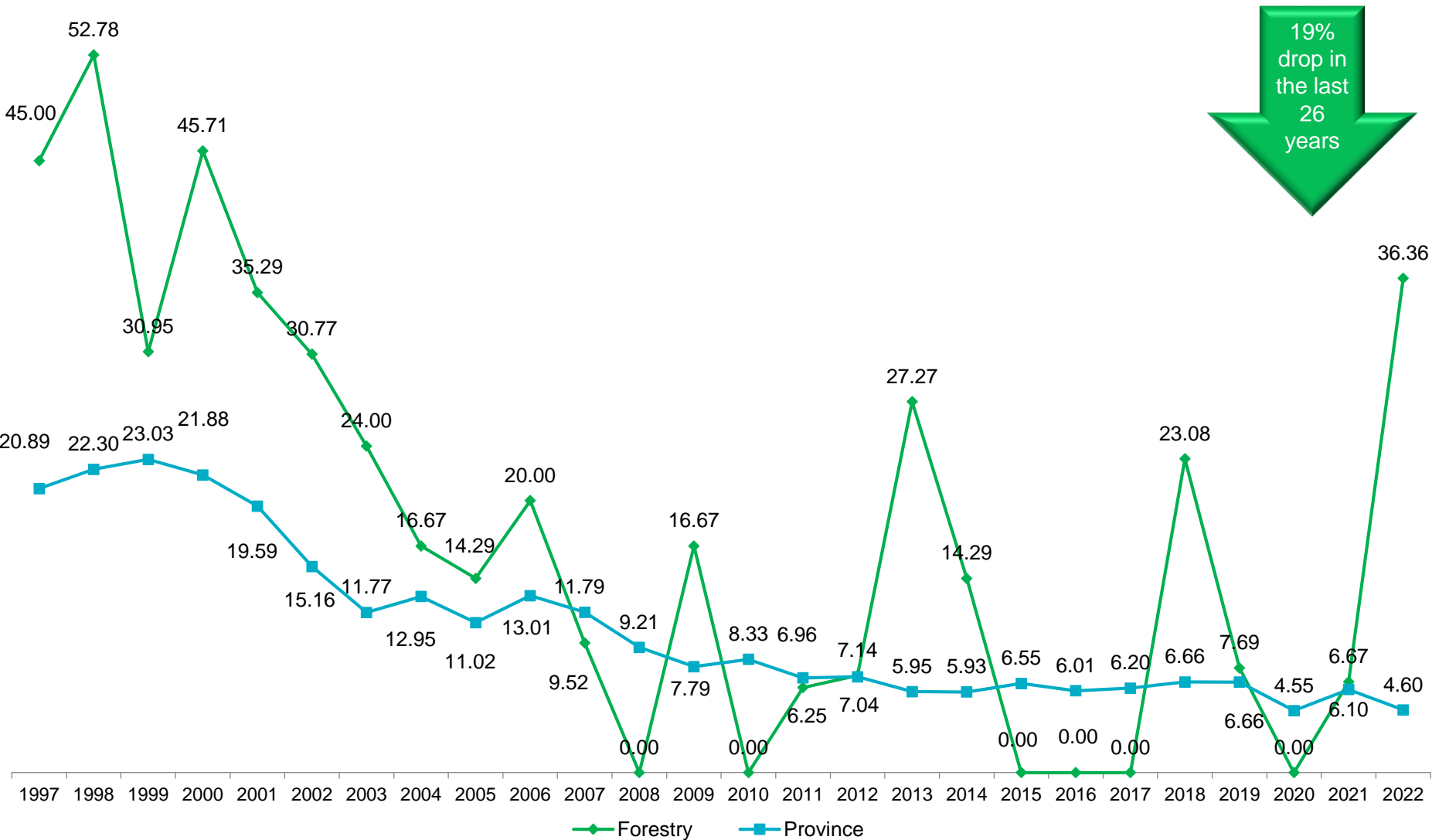
53%
drop in
the last
26
years

Forestry Industry Back Injury Rate / 1,000 Employees Newfoundland and Labrador 1997 - 2022



91%
drop in
the last
26
years

Forestry Industry
 Foot Injury Rate / 10,000 Employees
 Newfoundland and Labrador 1997 - 2022

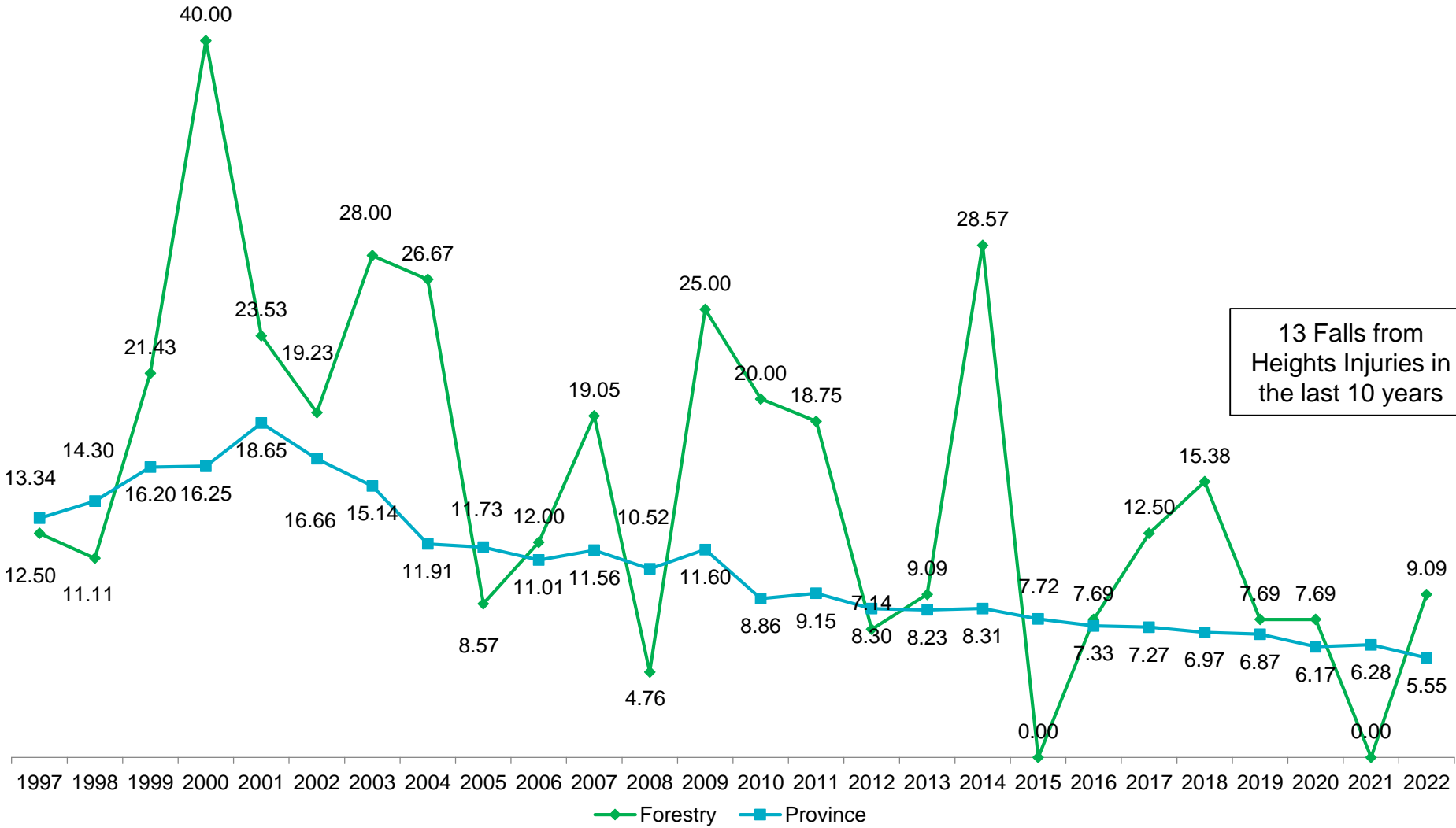


19%
 drop in
 the last
 26
 years



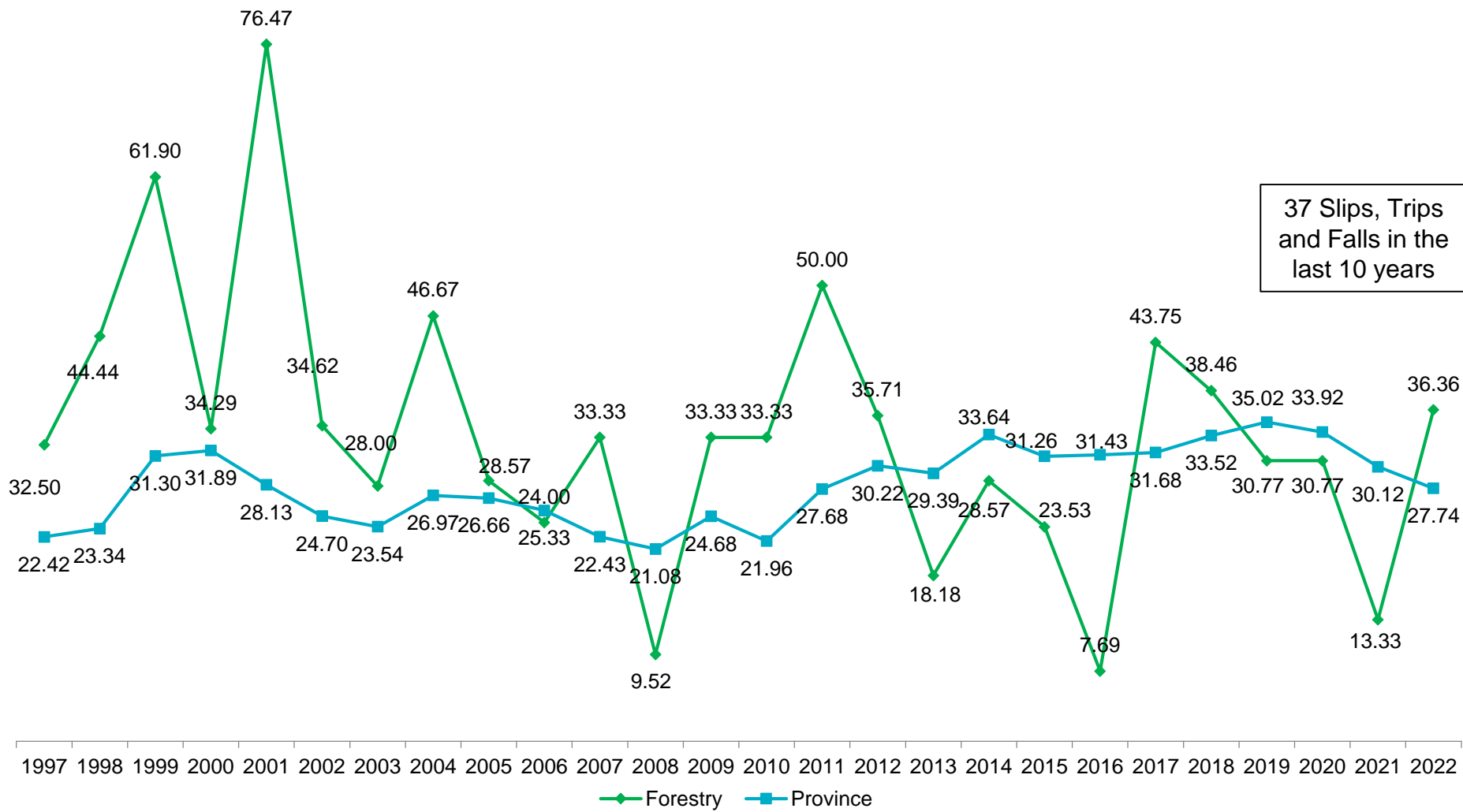
Selected Type of Accidents Metrics

Forestry Industry Falls from Heights Injury Rate / 10,000 Employees Newfoundland and Labrador 1997 - 2022



13 Falls from Heights Injuries in the last 10 years

Forestry Industry Slips, Trips and Falls Injury Rate / 10,000 Employees Newfoundland and Labrador 1997 - 2022

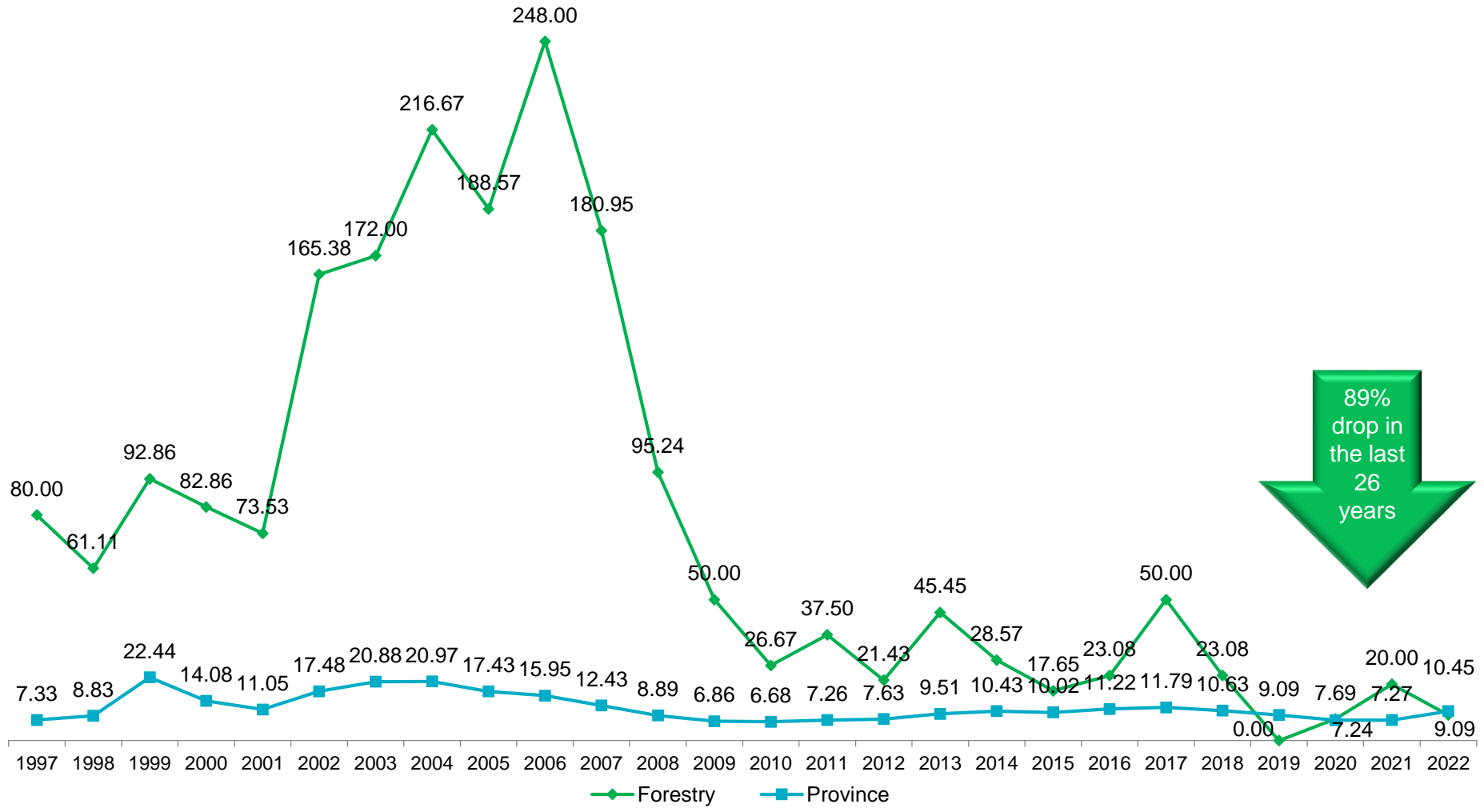


37 Slips, Trips and Falls in the last 10 years



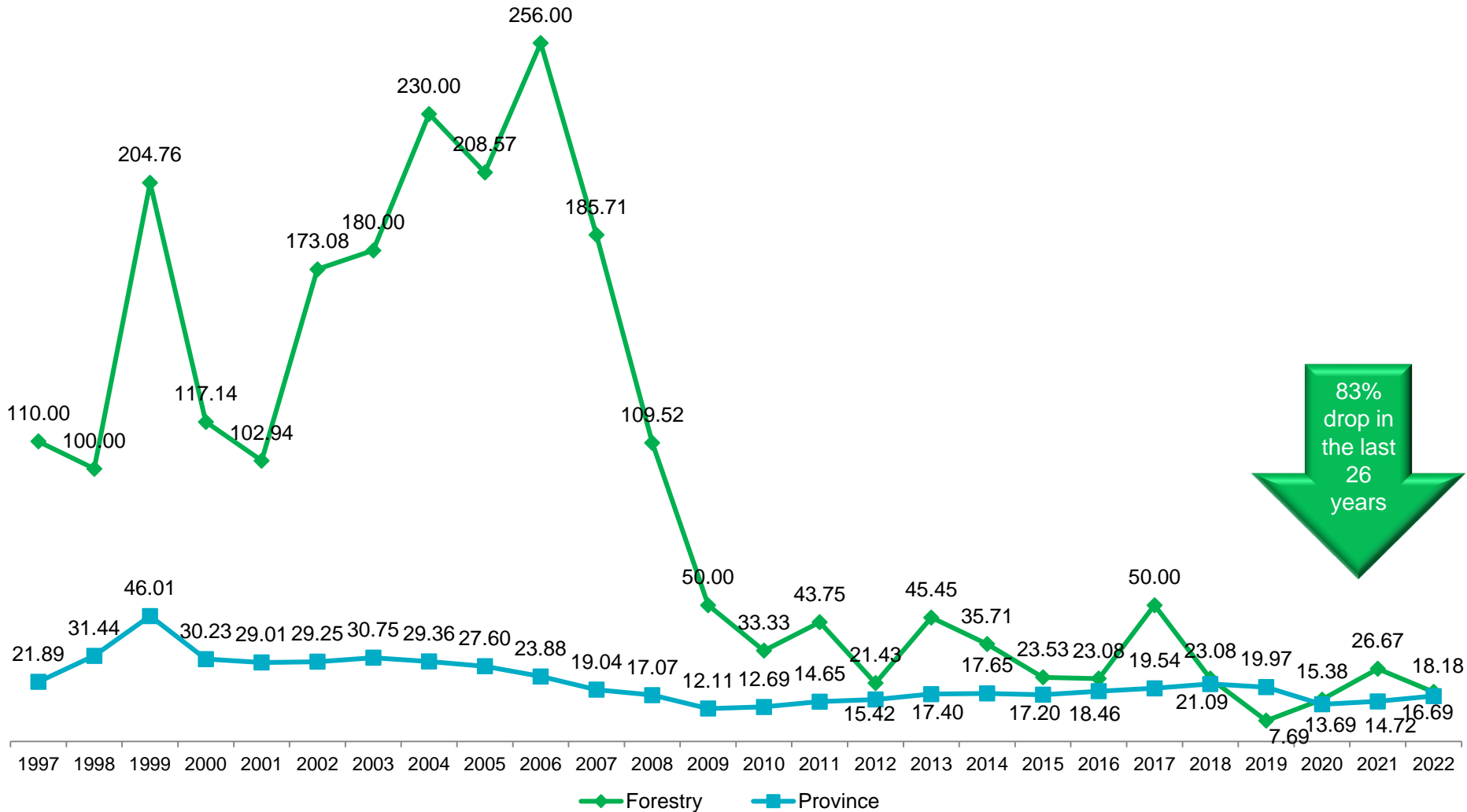
Forestry Industry Lagging Indicators Occupational Disease

Forestry Industry Hearing Loss Injury Rate / 10,000 Employees Newfoundland and Labrador 1997 - 2022



89%
drop in
the last
26
years

Forestry Industry Occupational Disease Incidence Rate / 10,000 Employees Newfoundland and Labrador 1997 - 2022



83%
drop in
the last
26
years

