

# 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*

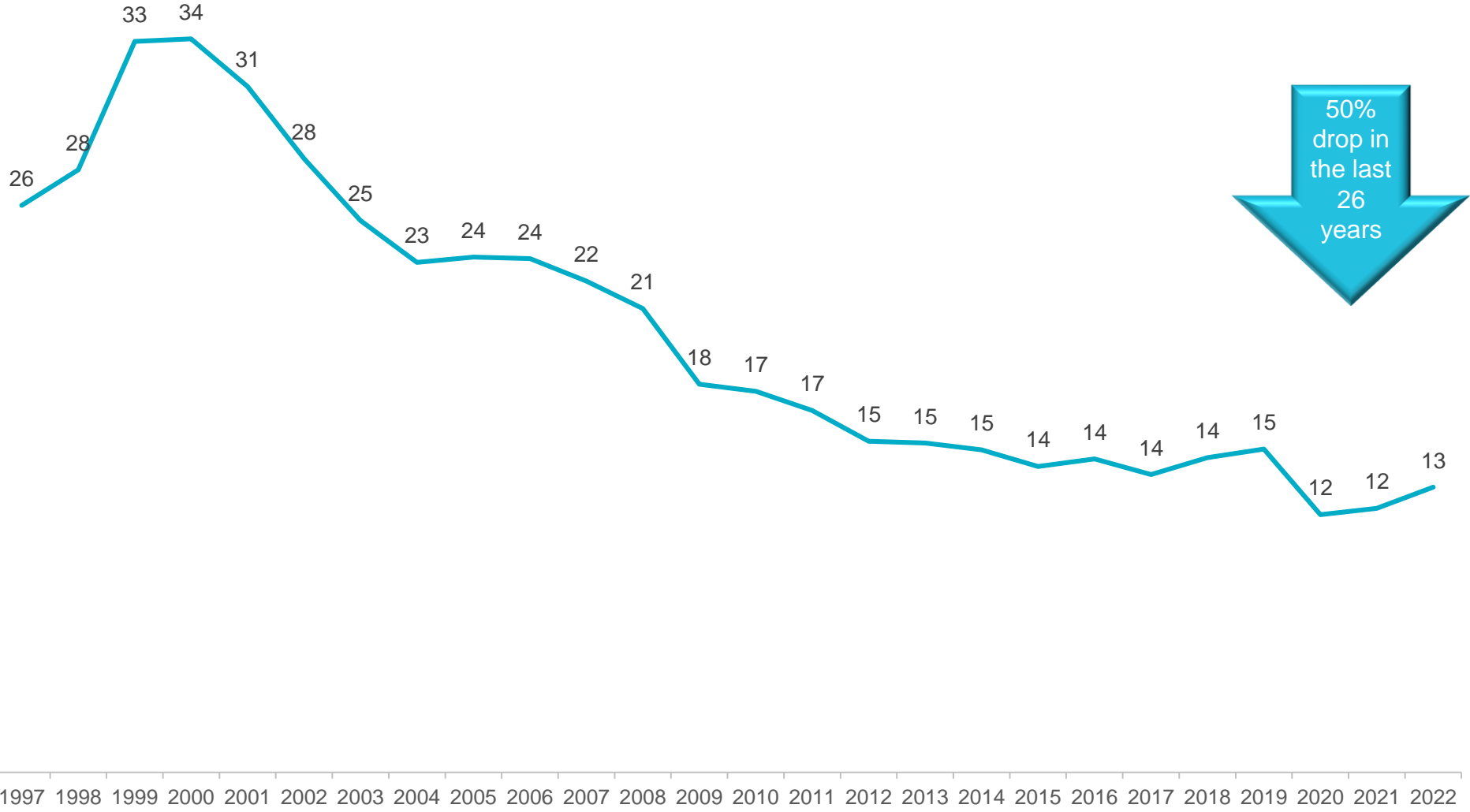
# Definitions

- **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.



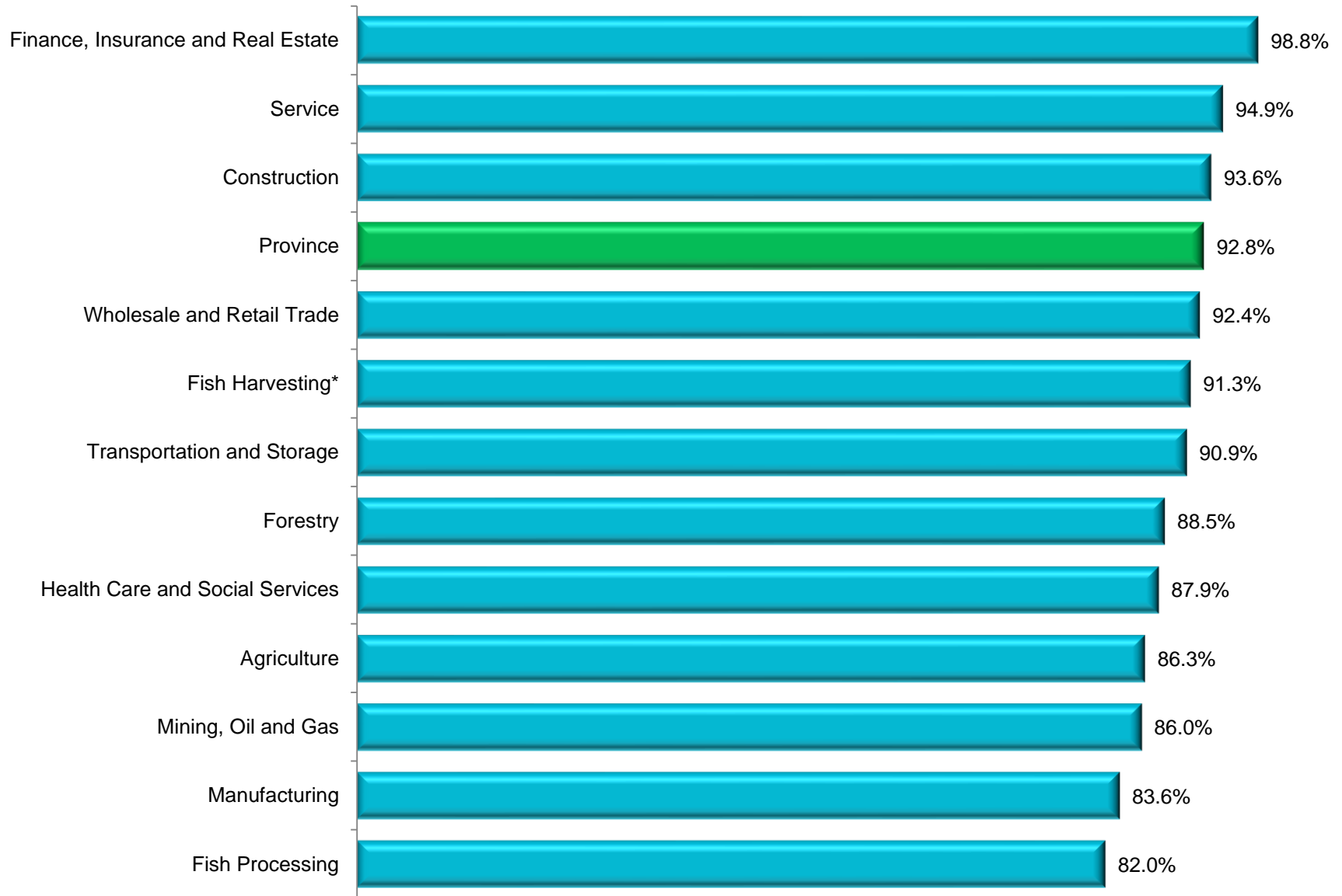
# Forestry Industry Selected Indicators

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

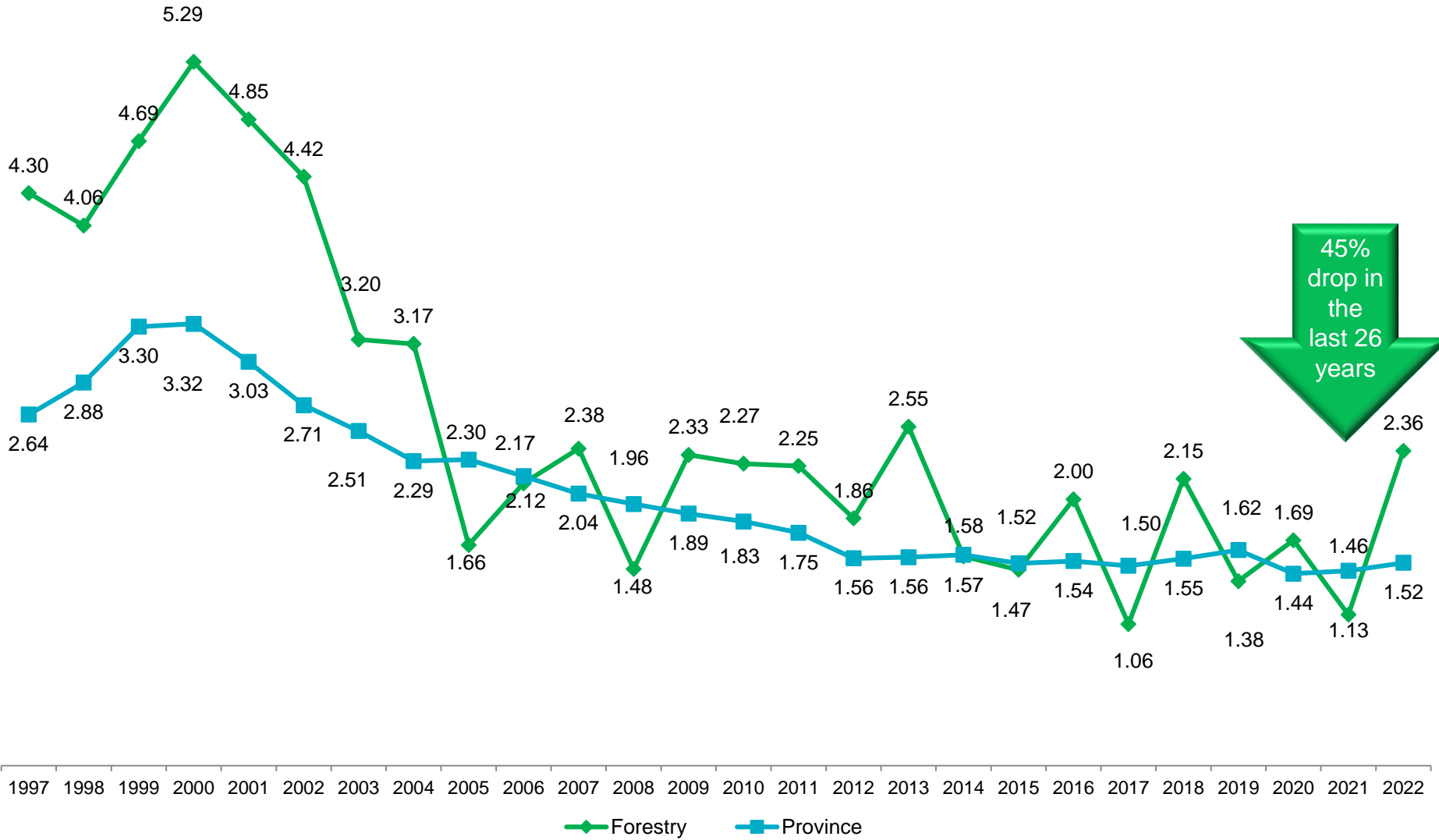


50%  
drop in  
the last  
26  
years

# Percentage of Injury Free Employers by Industry Newfoundland and Labrador 2022



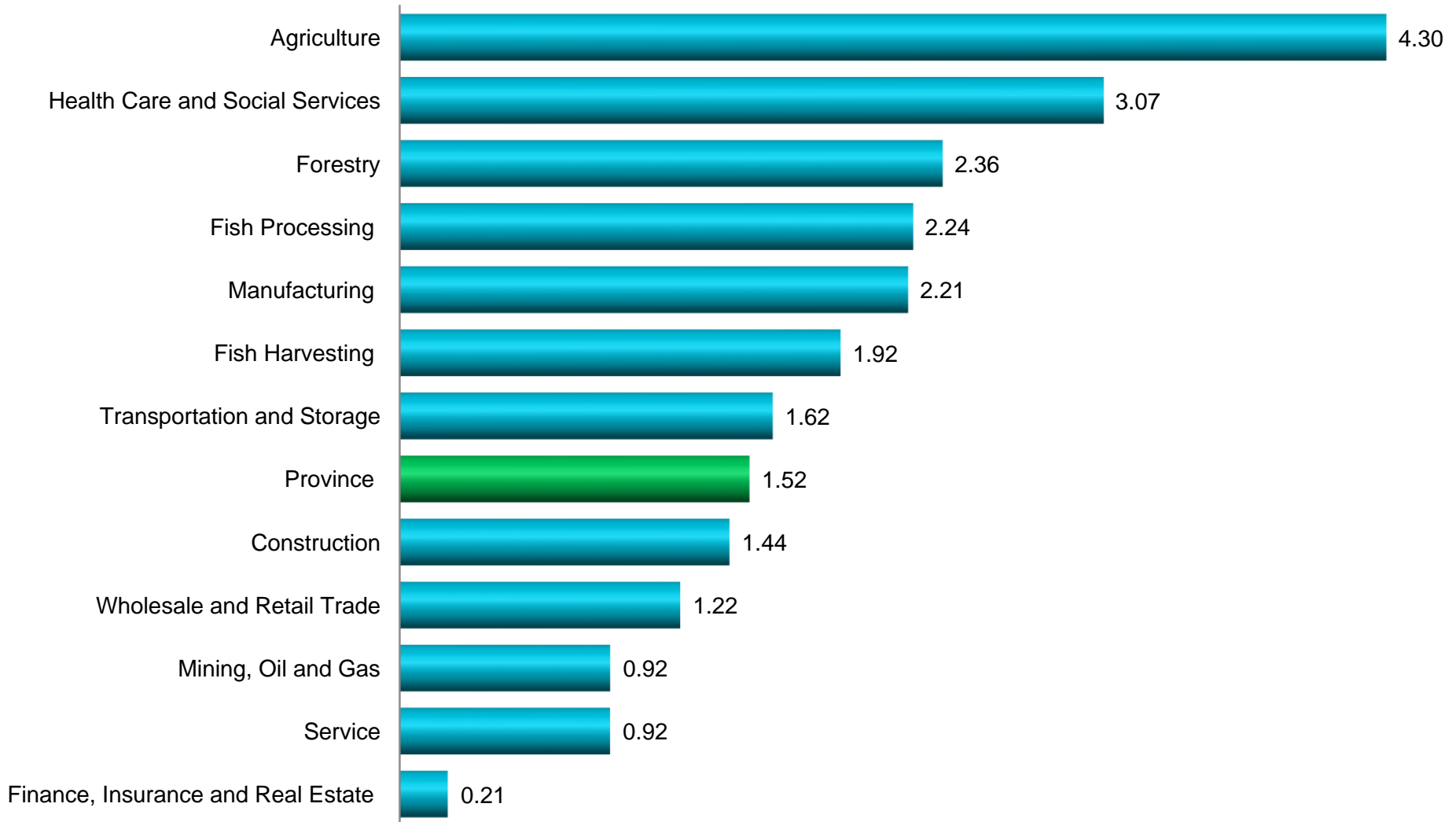
# Forestry Industry Lost-time Incidence Rate / 100 Employees Newfoundland and Labrador 1997 - 2022



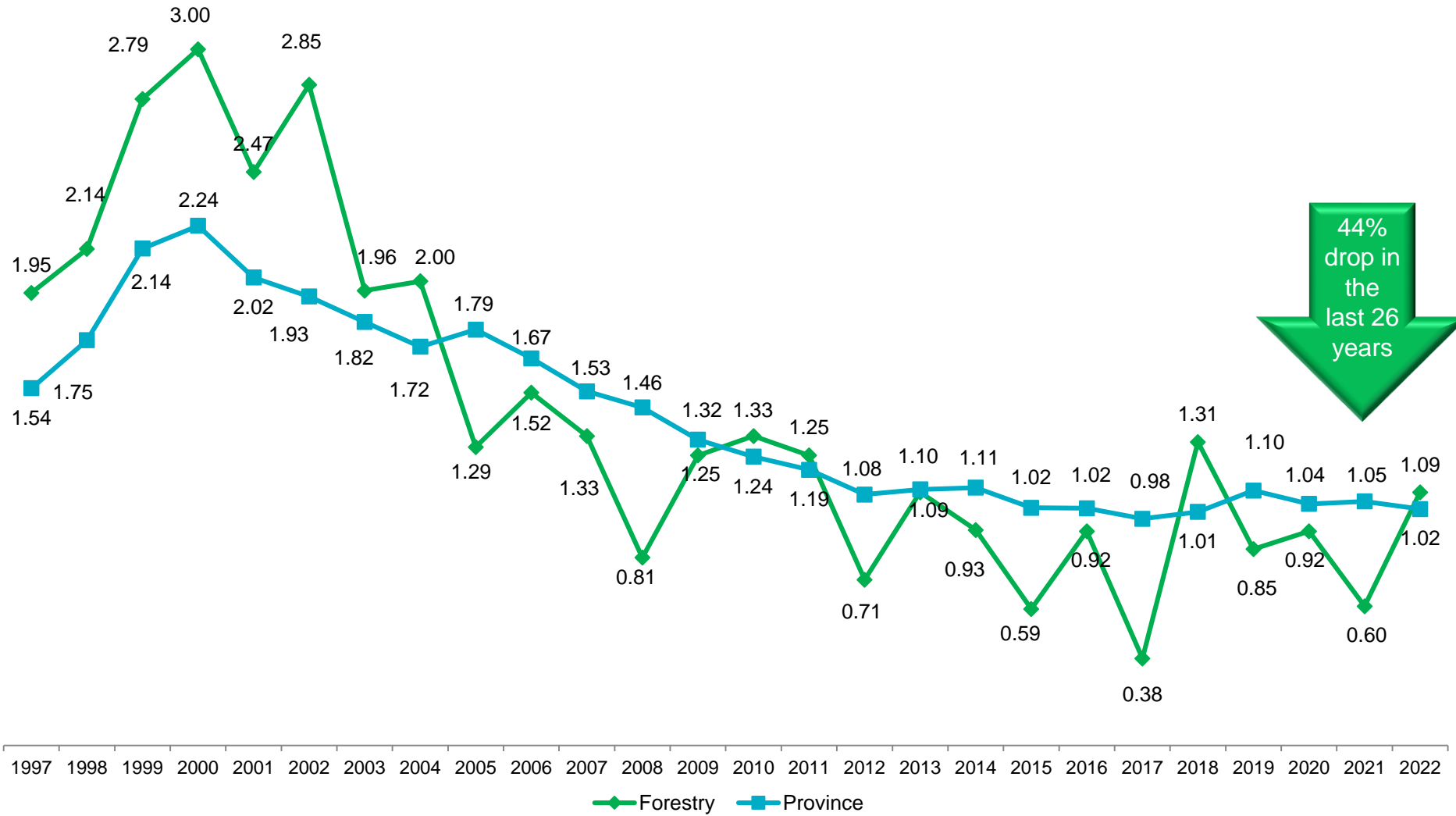
45%  
drop in  
the  
last 26  
years



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



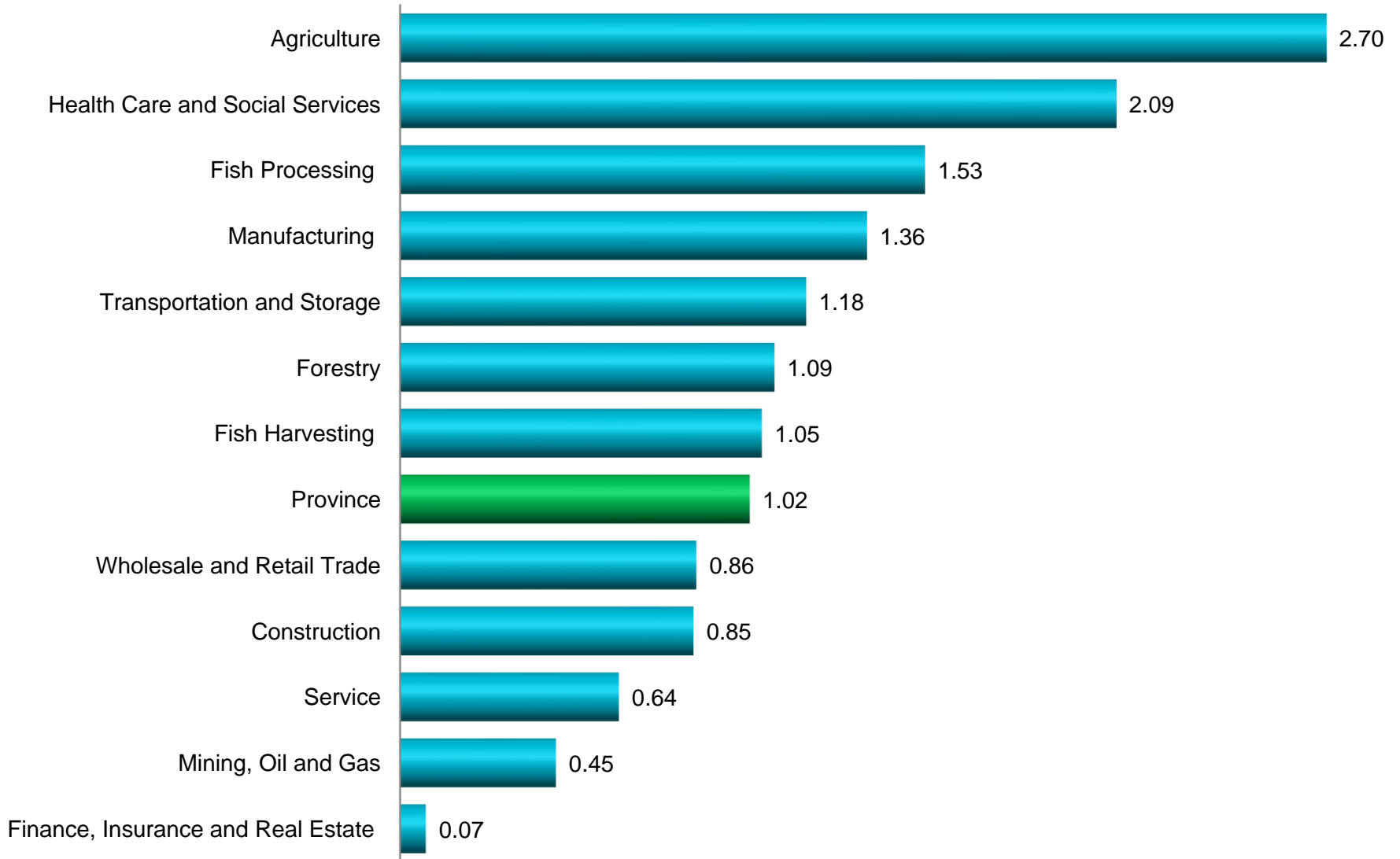
# Forestry Industry Soft Tissue Incidence Rate / 100 Employees Newfoundland and Labrador 1997 - 2022



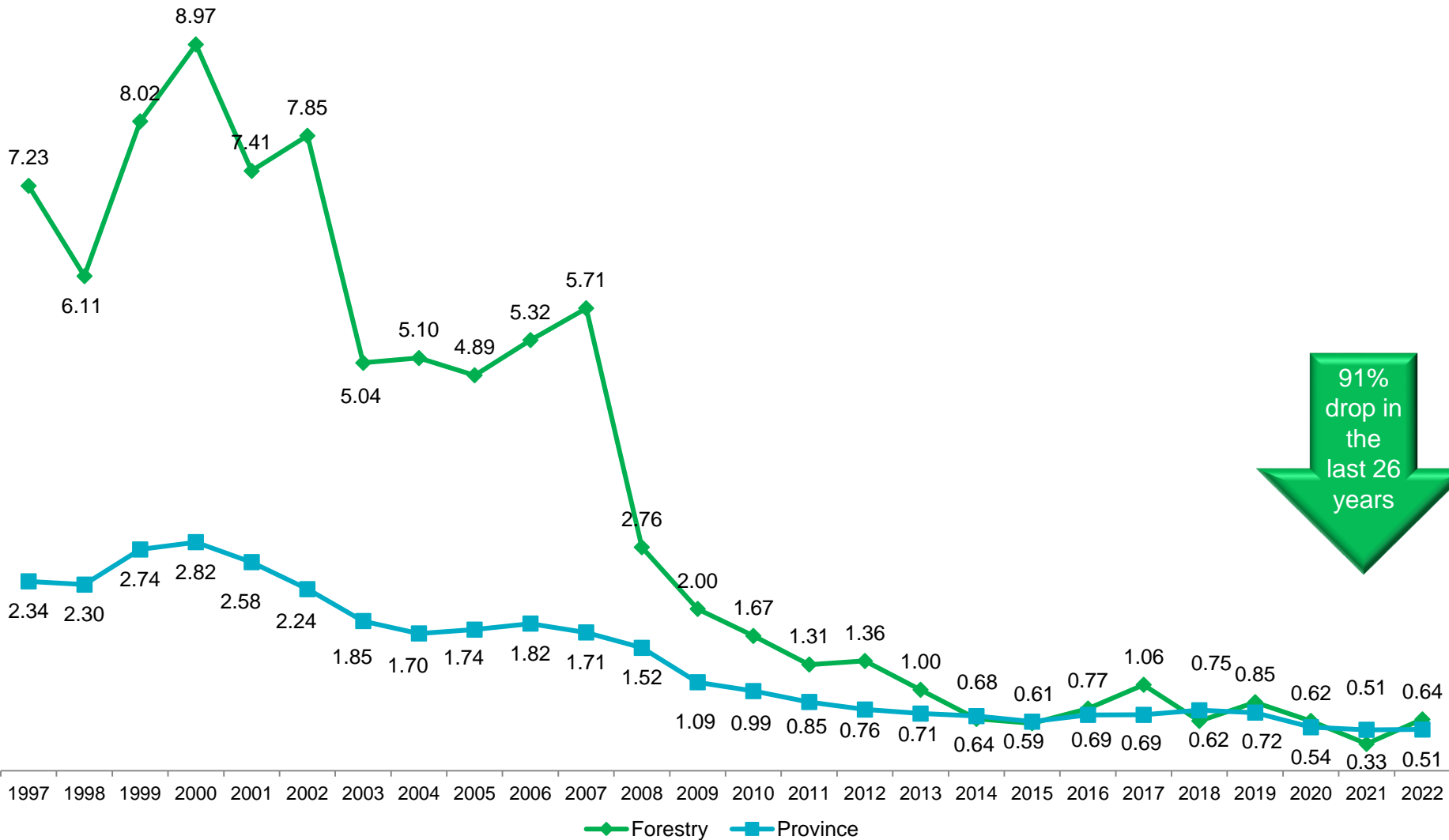
44%  
drop in  
the  
last 26  
years



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

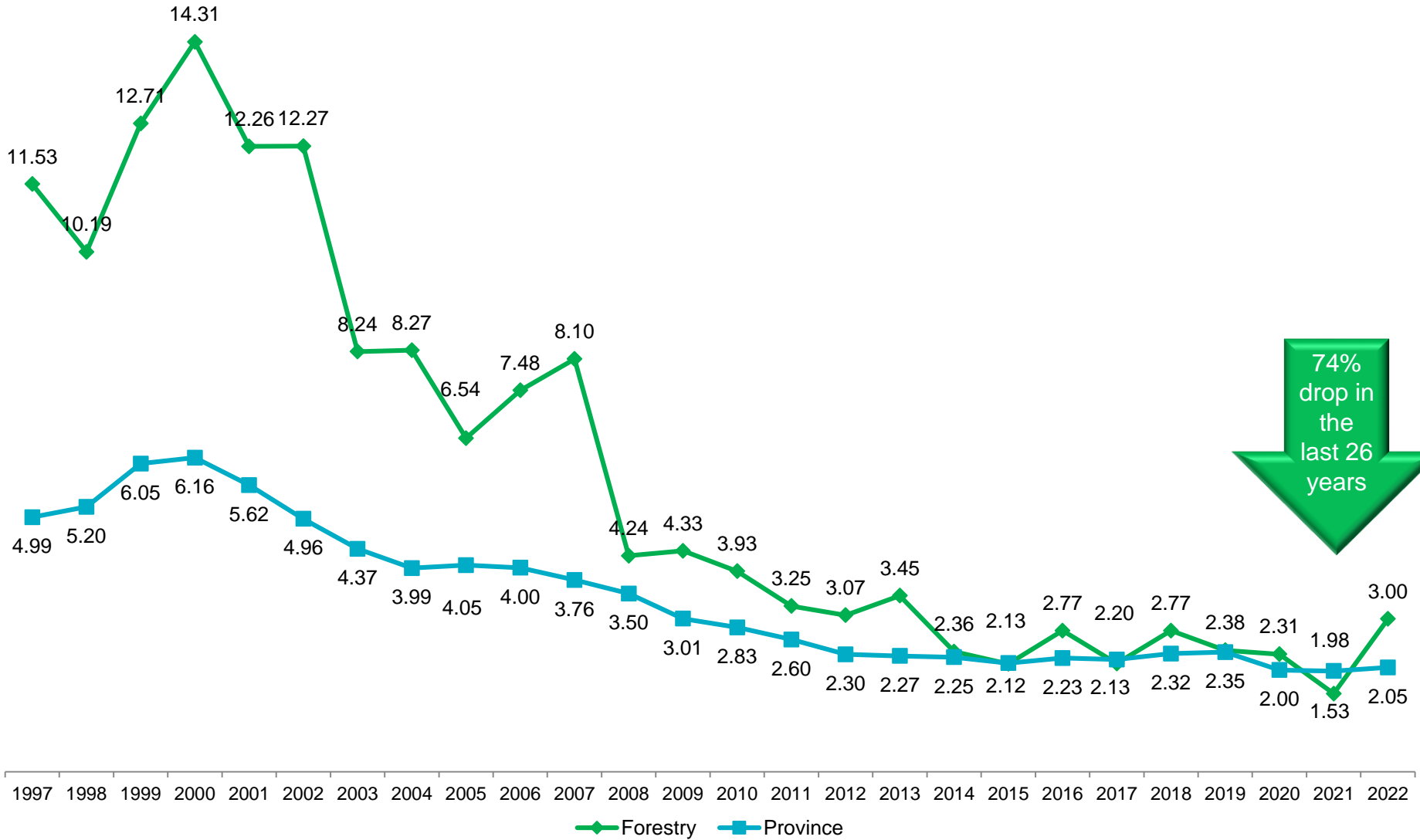


# Forestry Industry Health Care Only Incidence Rate / 100 Employees Newfoundland and Labrador 1997 - 2022



91%  
drop in  
the  
last 26  
years

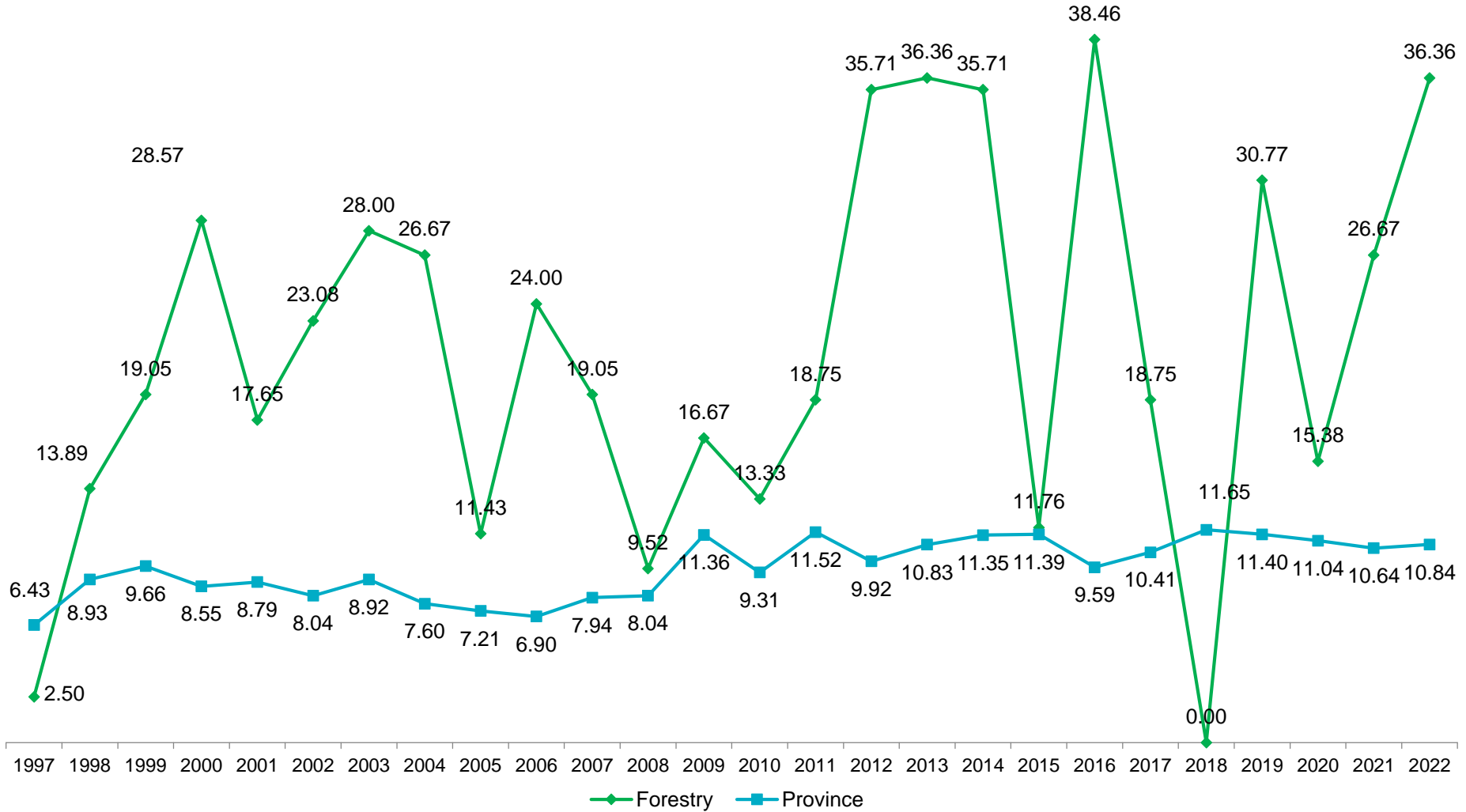
# Forestry Industry All Claims Incidence Rate / 100 Employees Newfoundland and Labrador 1997 - 2022



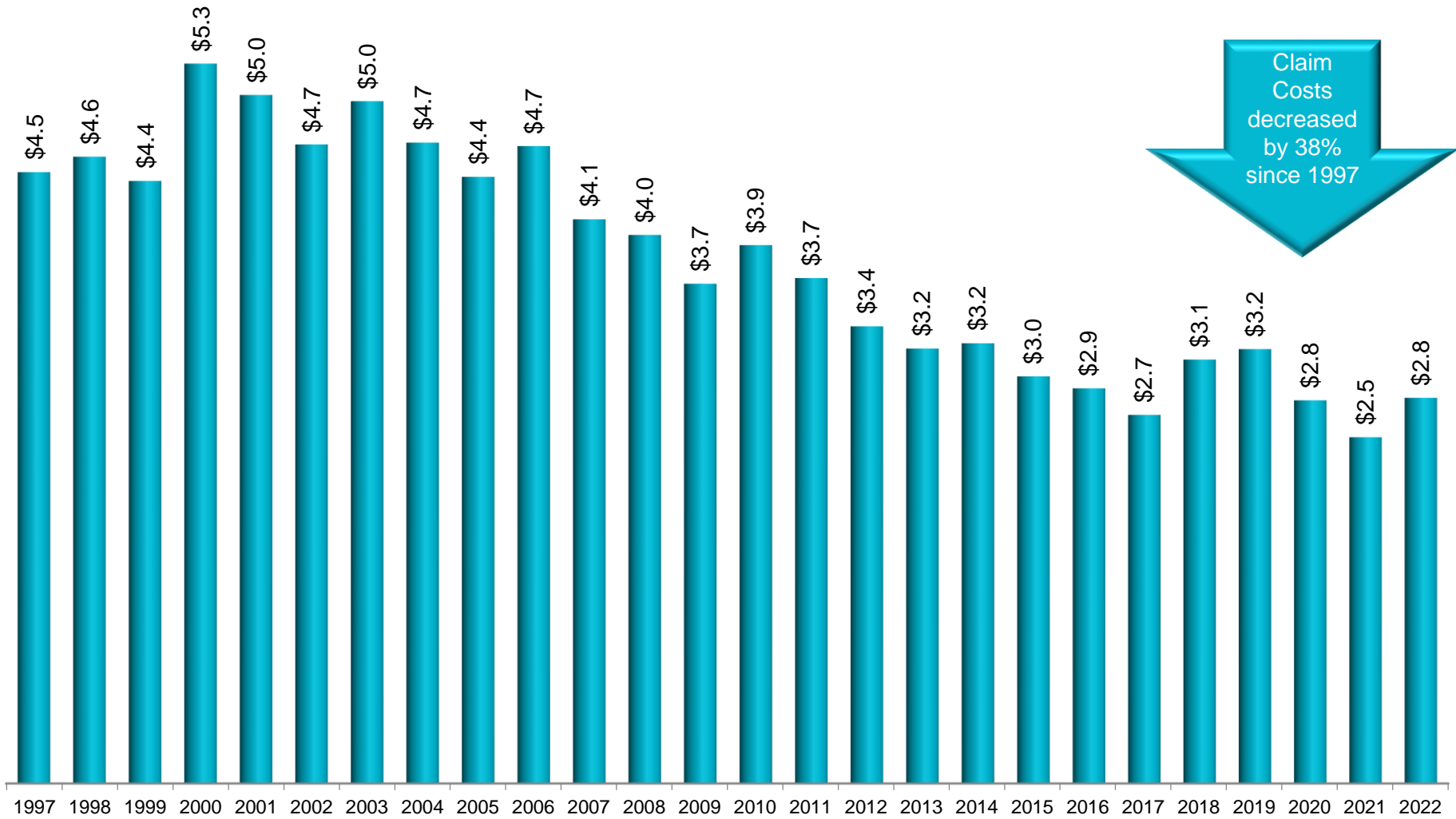
74%  
drop in  
the  
last 26  
years

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

33 Serious Injuries in the last 10 years

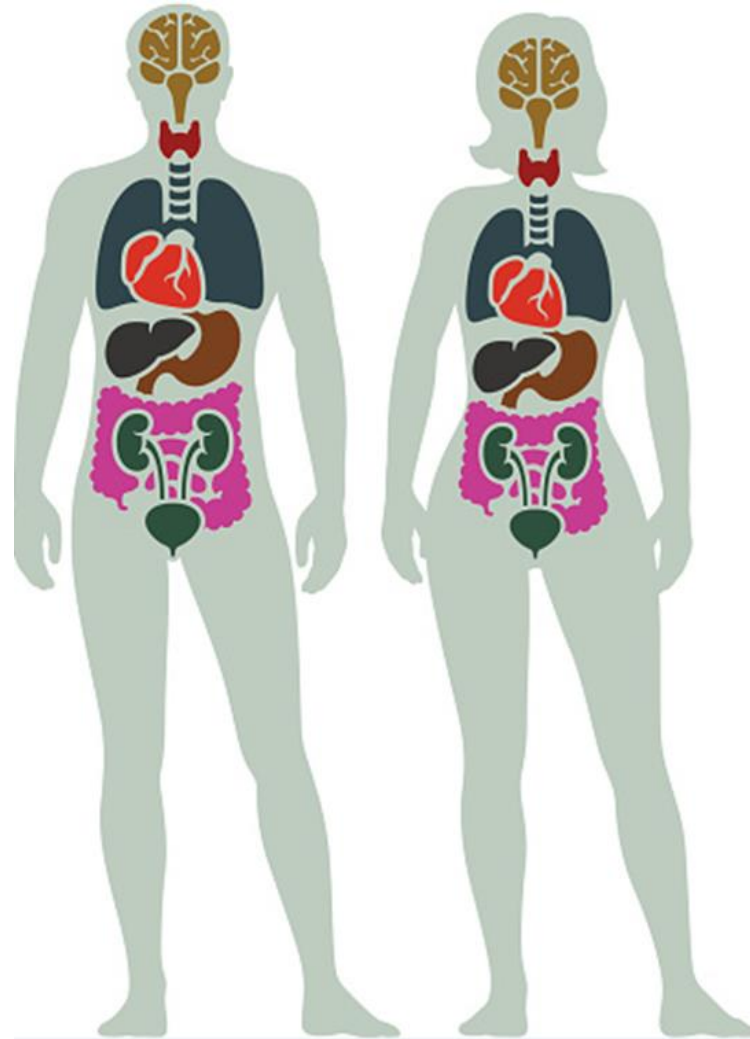


Forestry Industry  
Total Claim Costs (millions) by Payment Year  
Newfoundland and Labrador 1997 - 2022



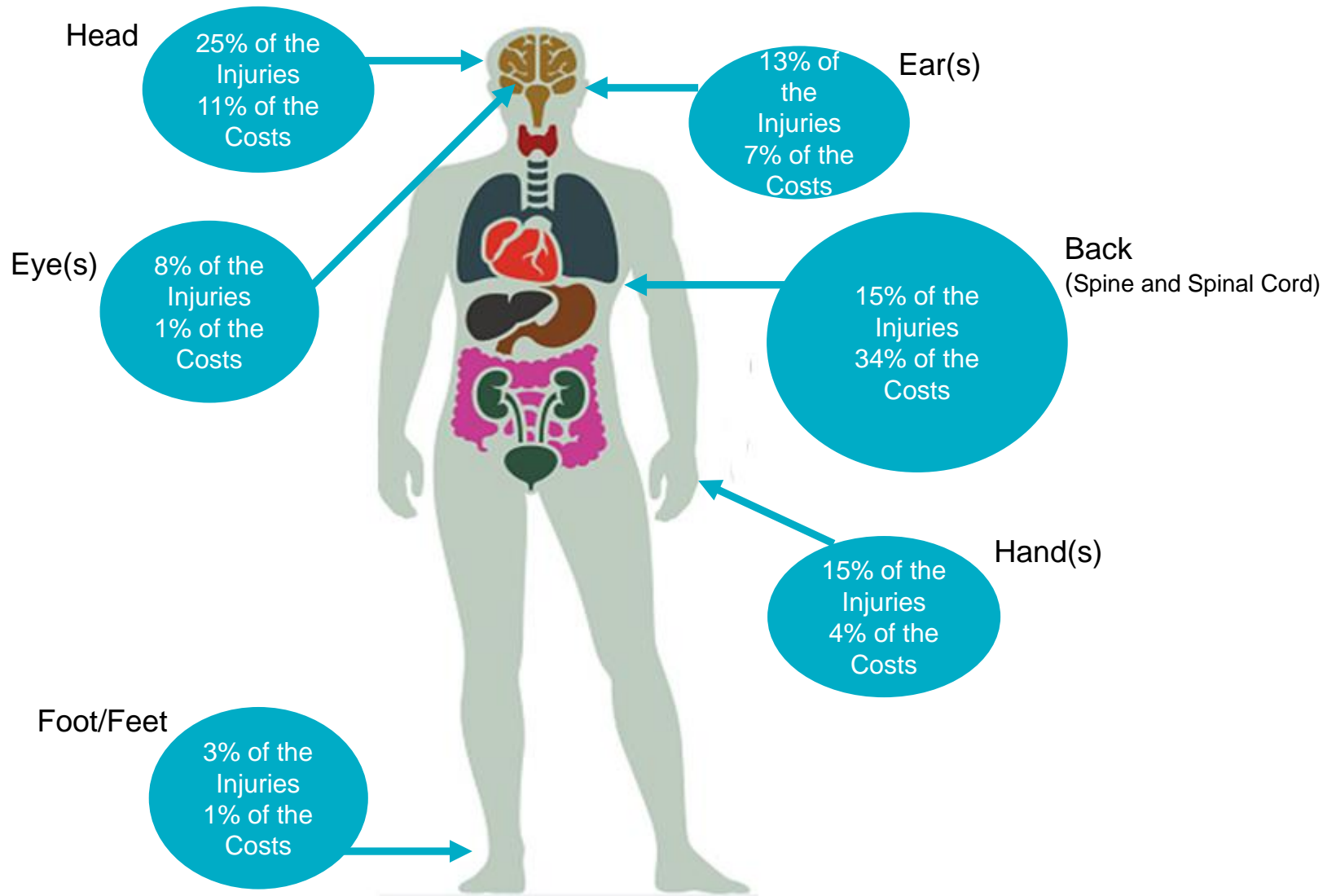
Claim Costs decreased by 38% since 1997

# Selected Parts of Body Metrics



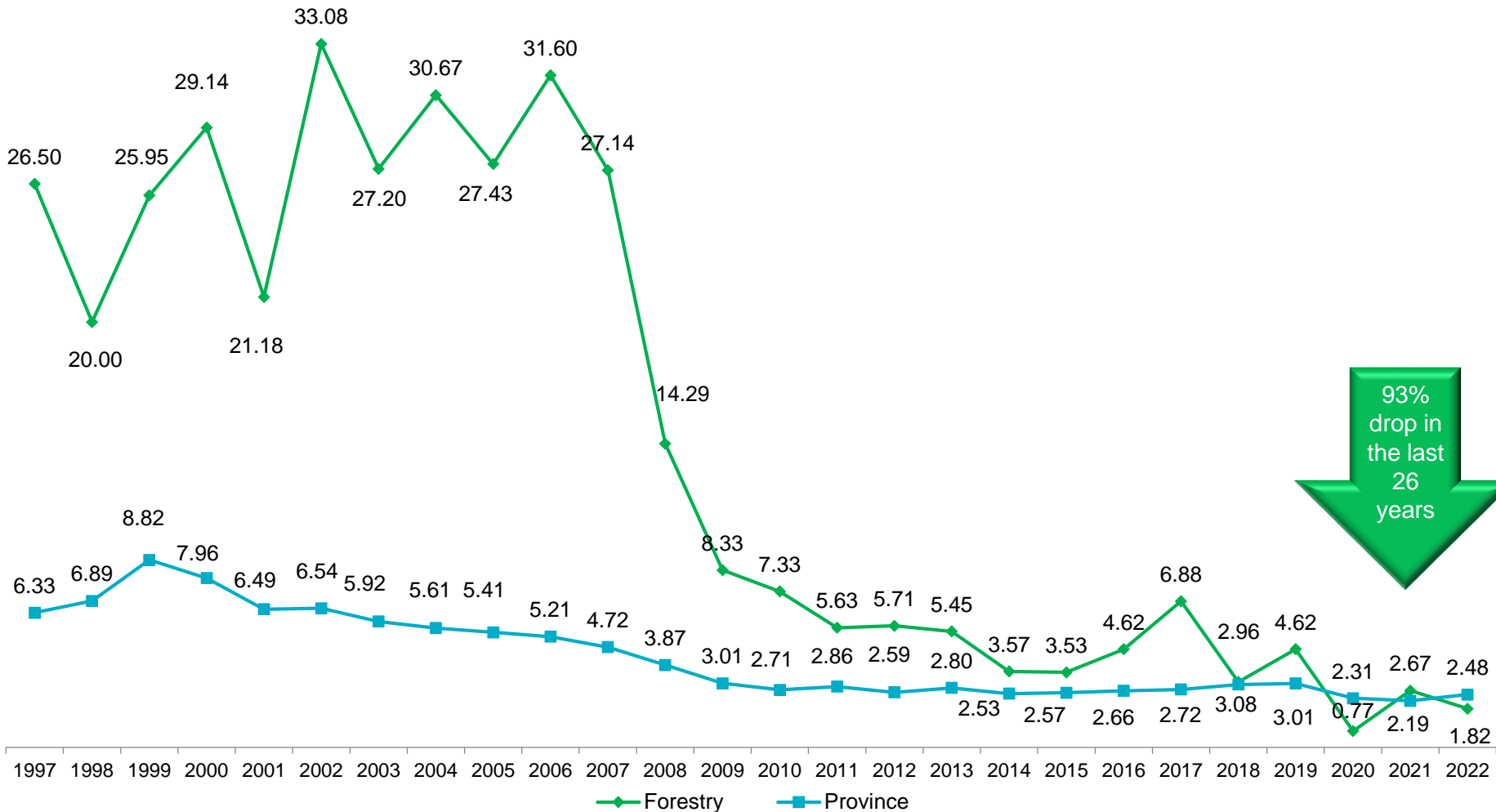
# Work related Physical Injuries

What are the effects over the last 26 years?



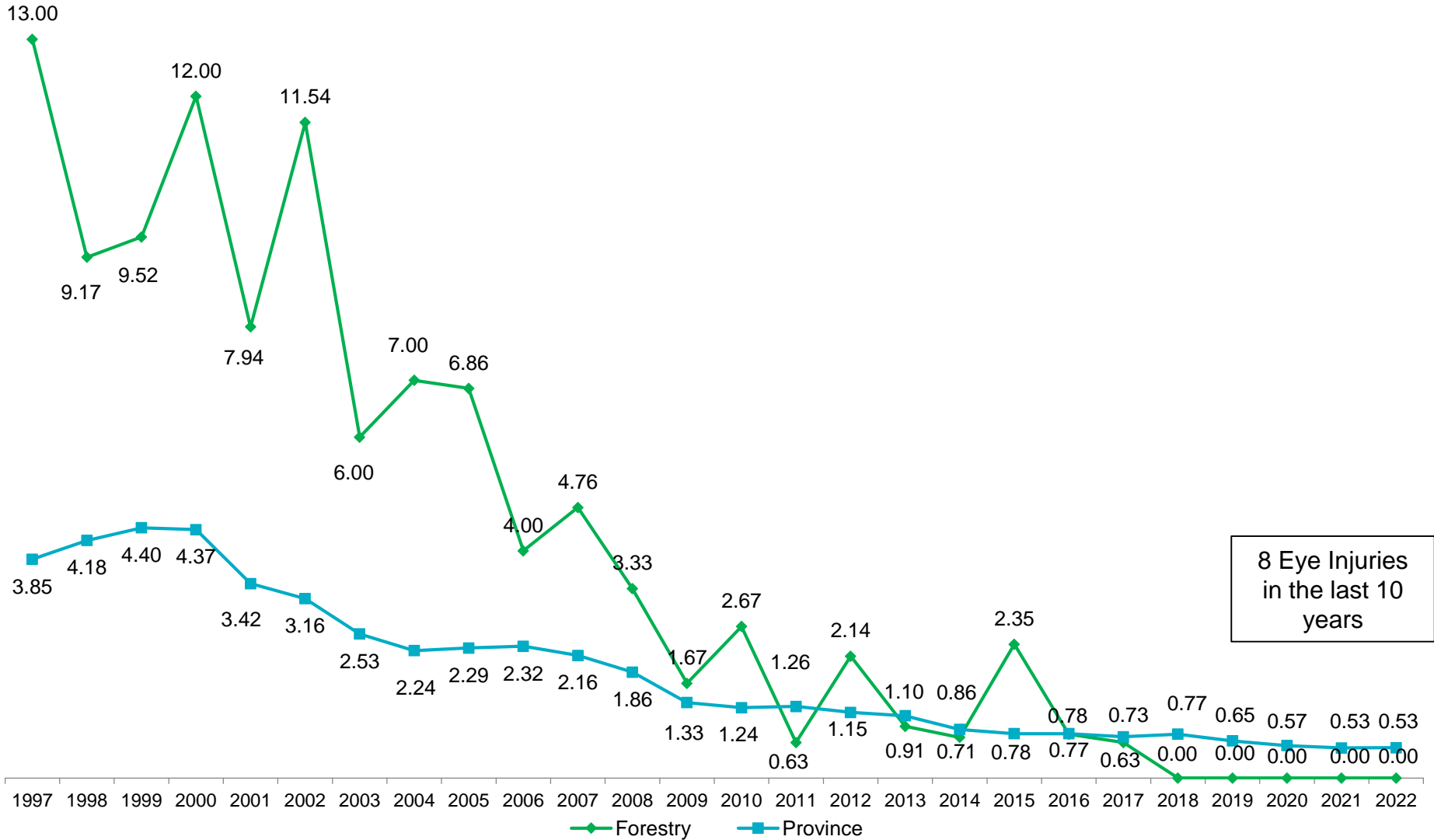


Forestry Industry  
Head Injury Rate / 1,000 Employees  
Newfoundland and Labrador 1997 - 2022



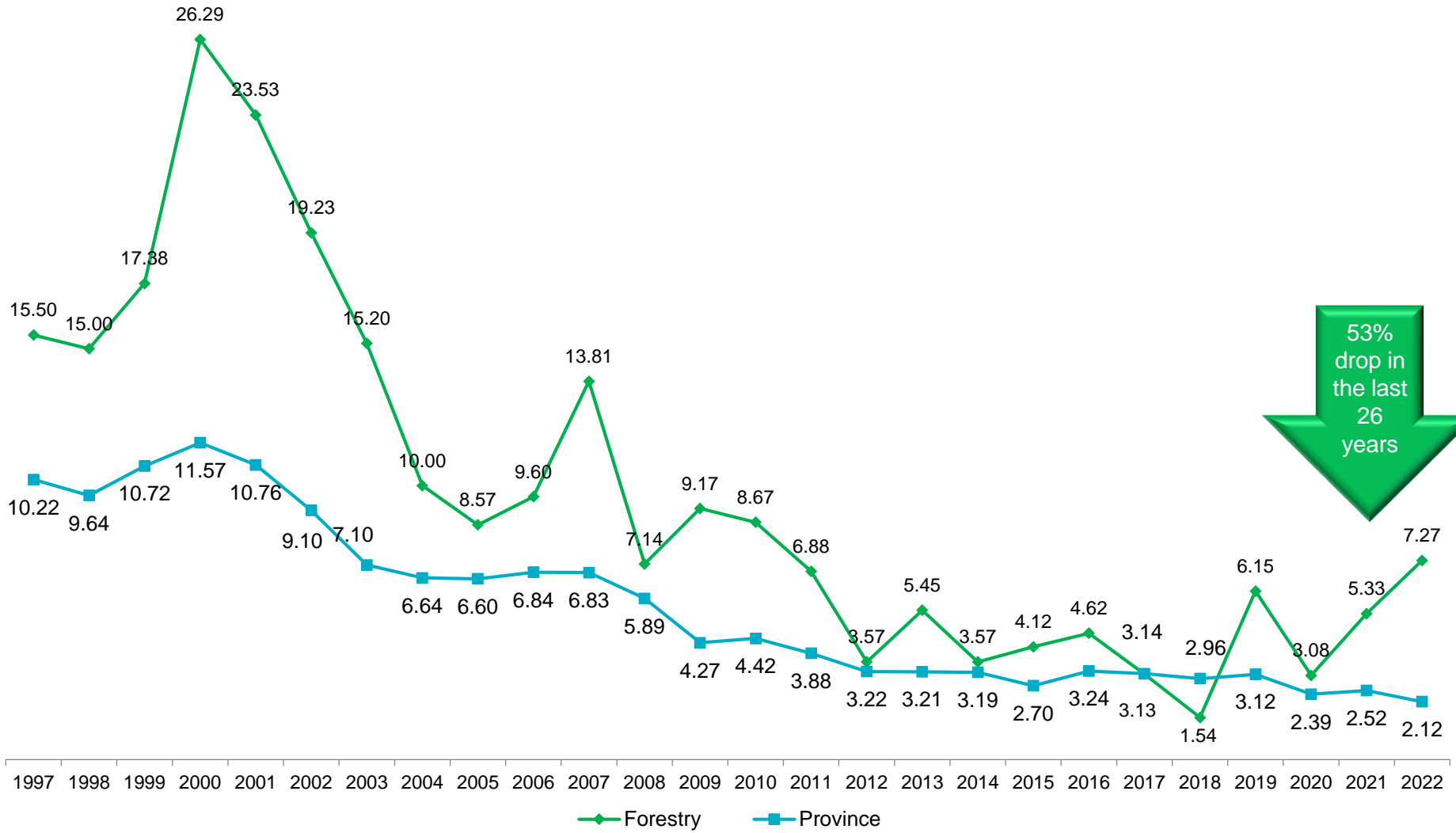
93%  
drop in  
the last  
26  
years

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



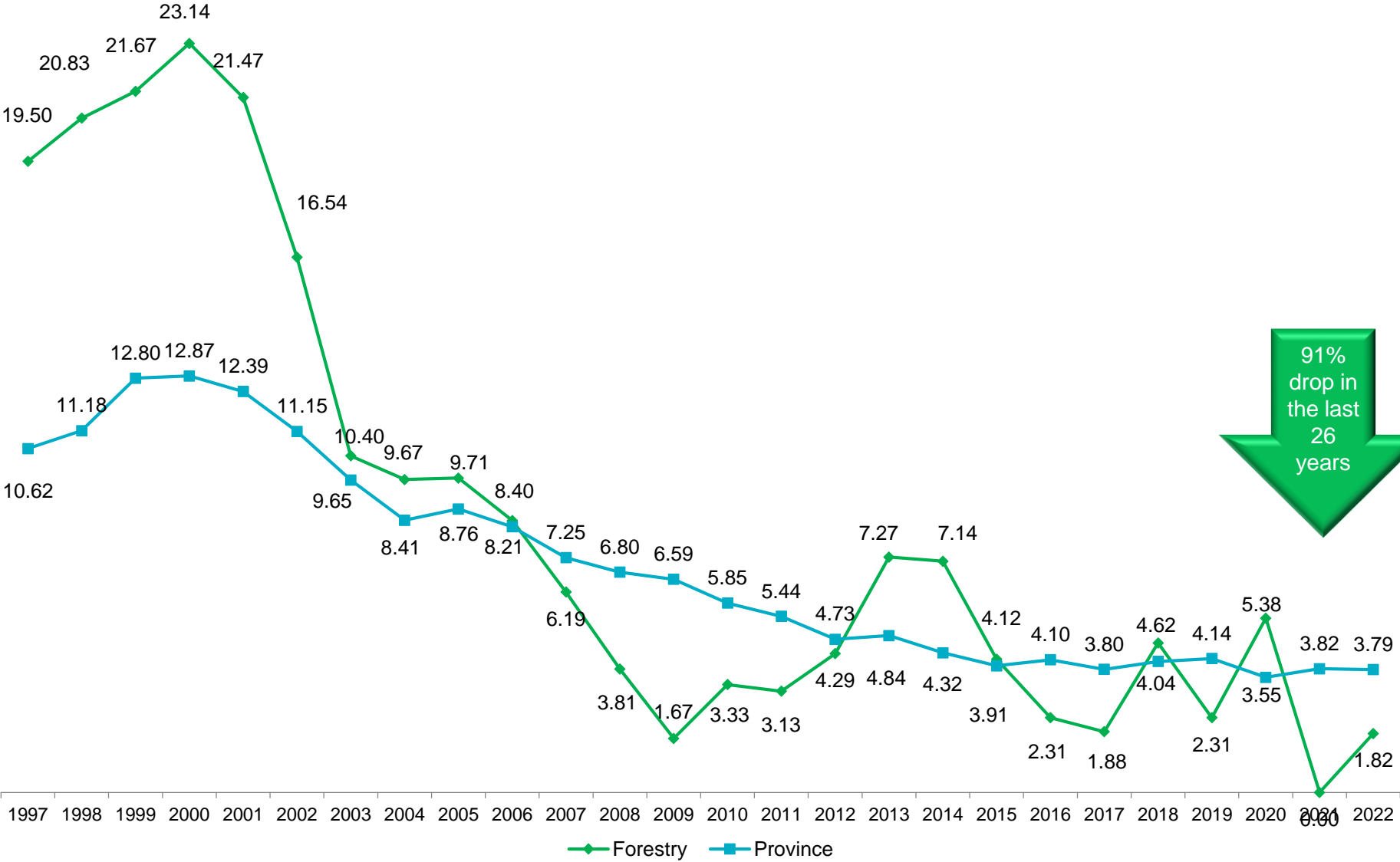
8 Eye Injuries  
 in the last 10  
 years

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



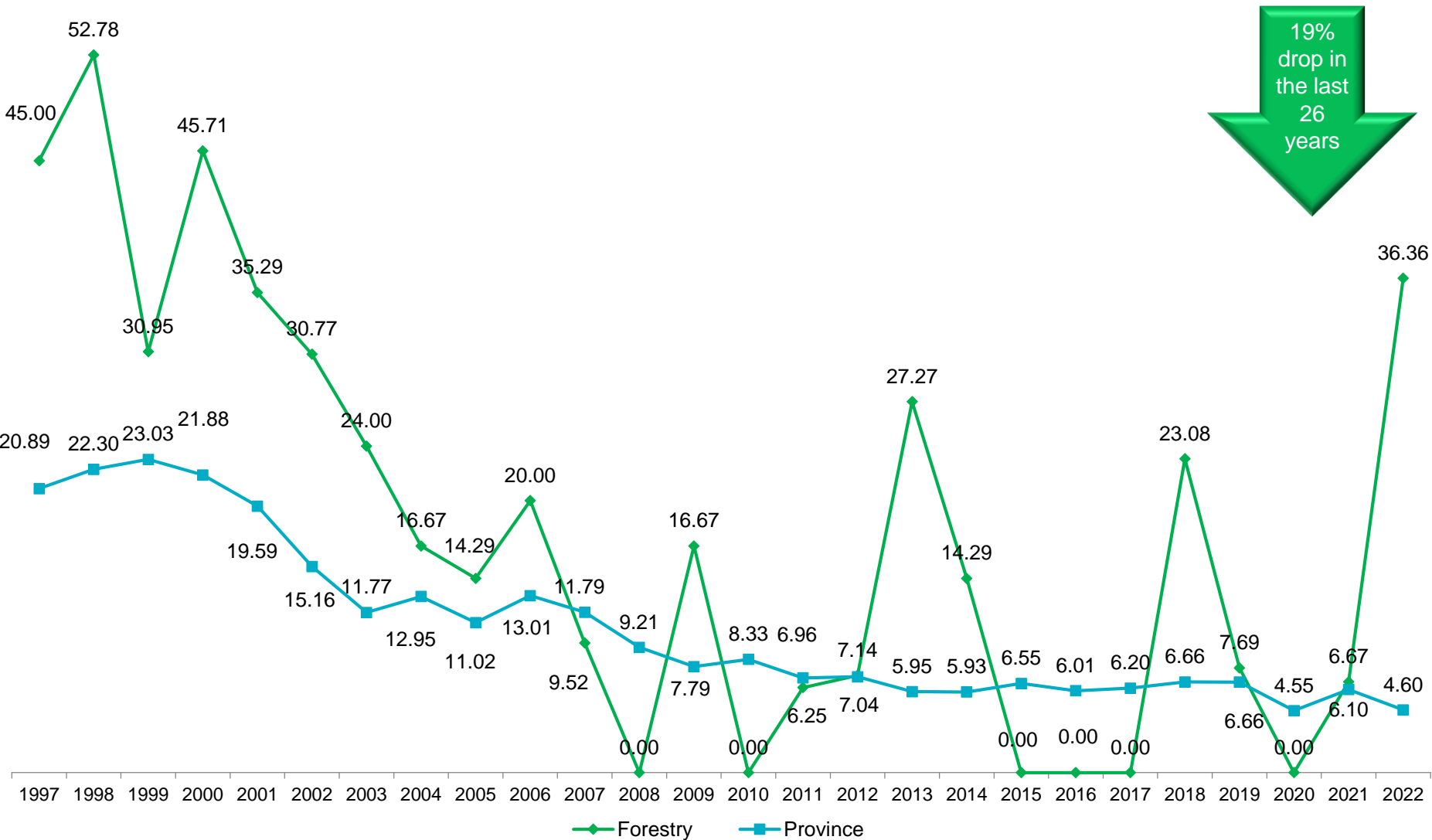
53%  
drop in  
the last  
26  
years

# 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

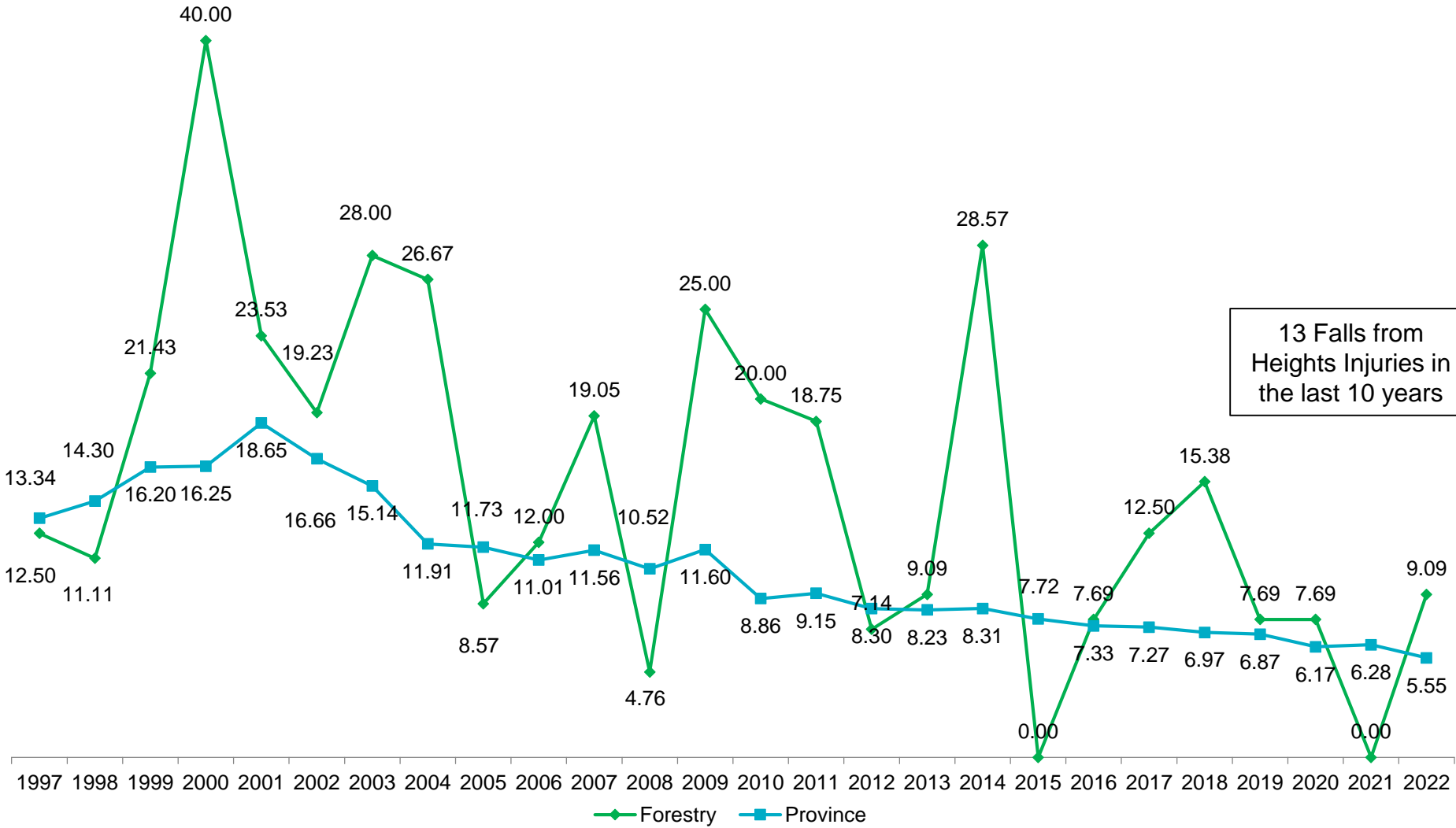


19%  
 drop in  
 the last  
 26  
 years



# Selected Type of Accidents Metrics

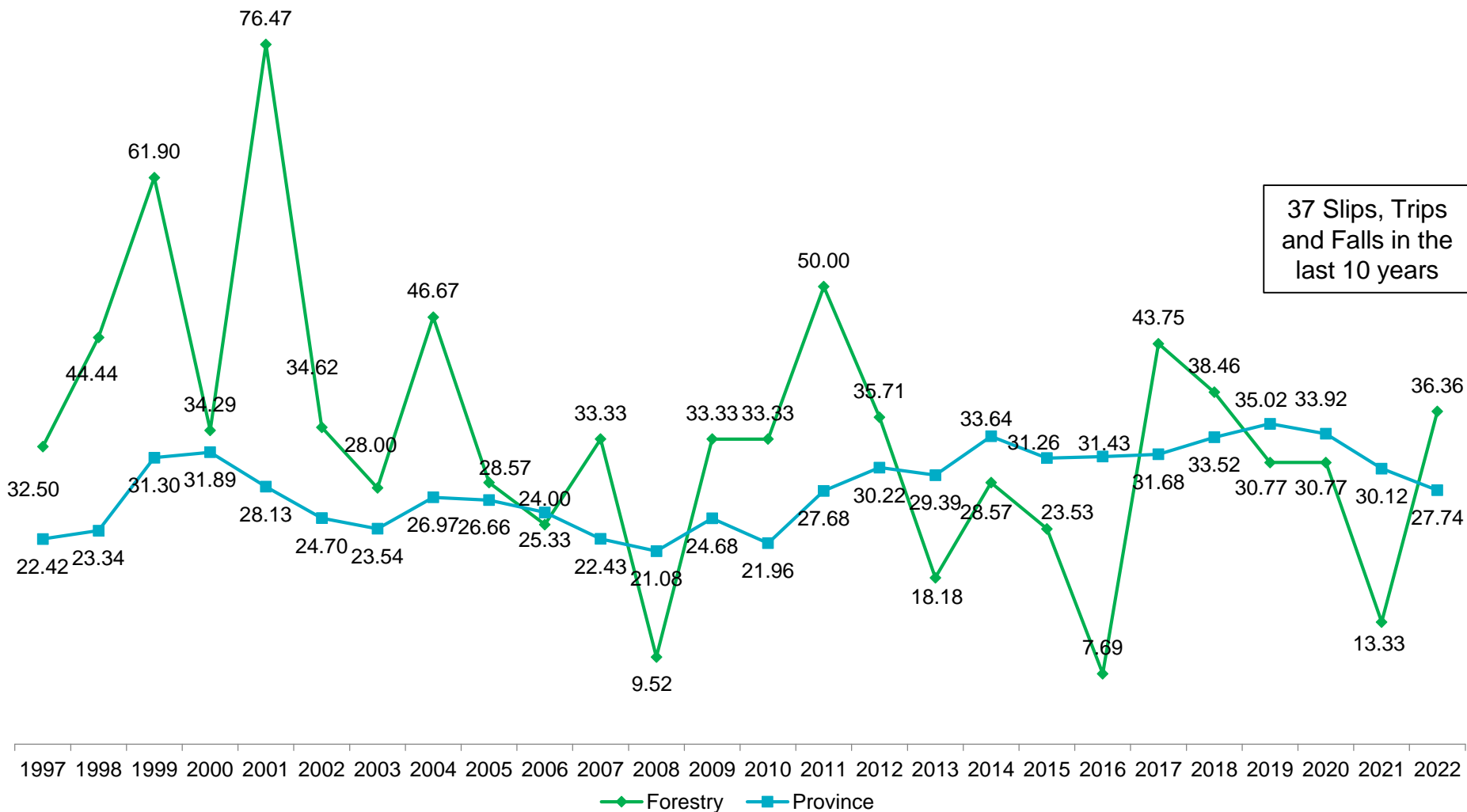
# Forestry Industry Falls from Heights Injury Rate / 10,000 Employees Newfoundland and Labrador 1997 - 2022



13 Falls from Heights Injuries in the last 10 years

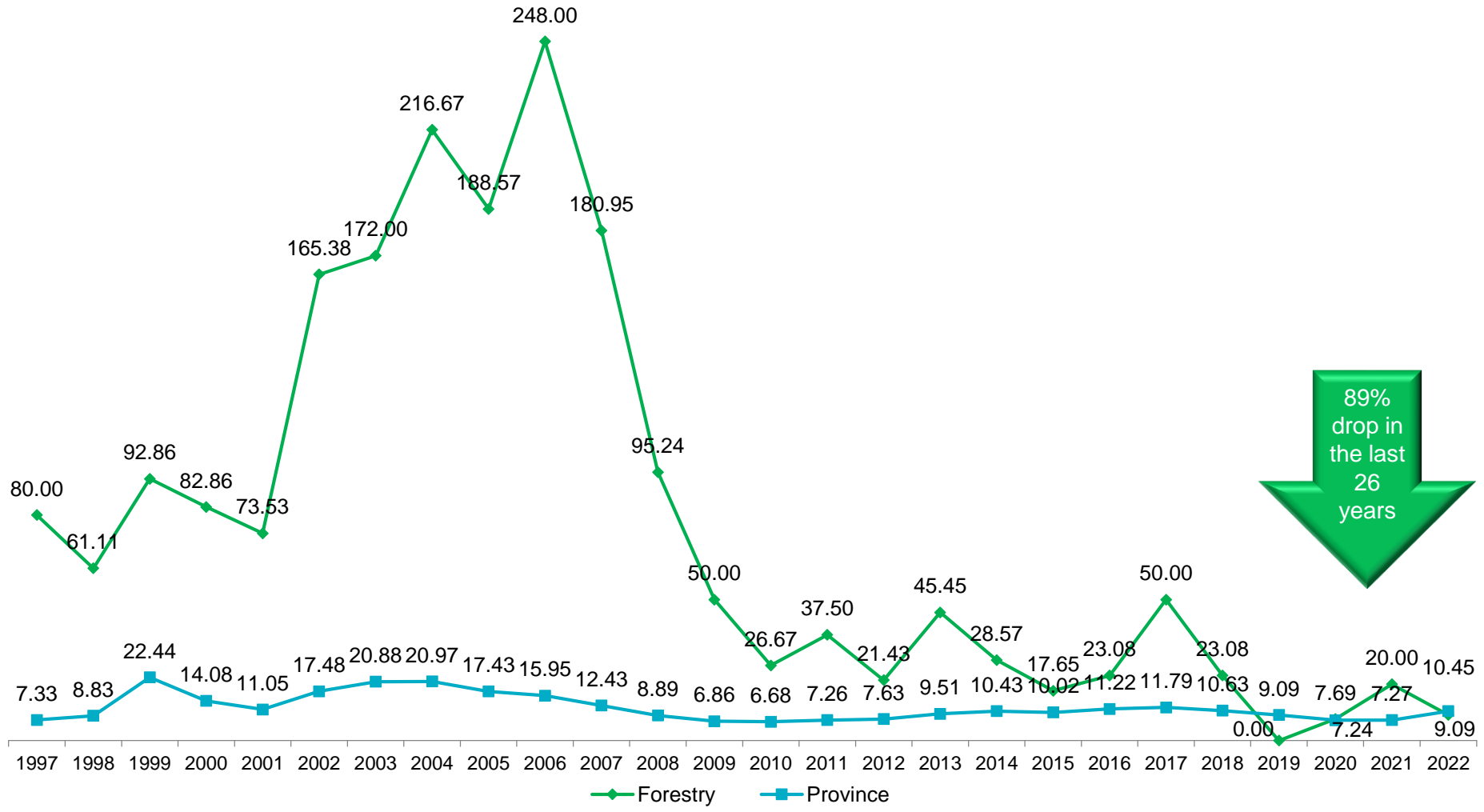


# Forestry Industry Slips, Trips and Falls Injury Rate / 10,000 Employees Newfoundland and Labrador 1997 - 2022



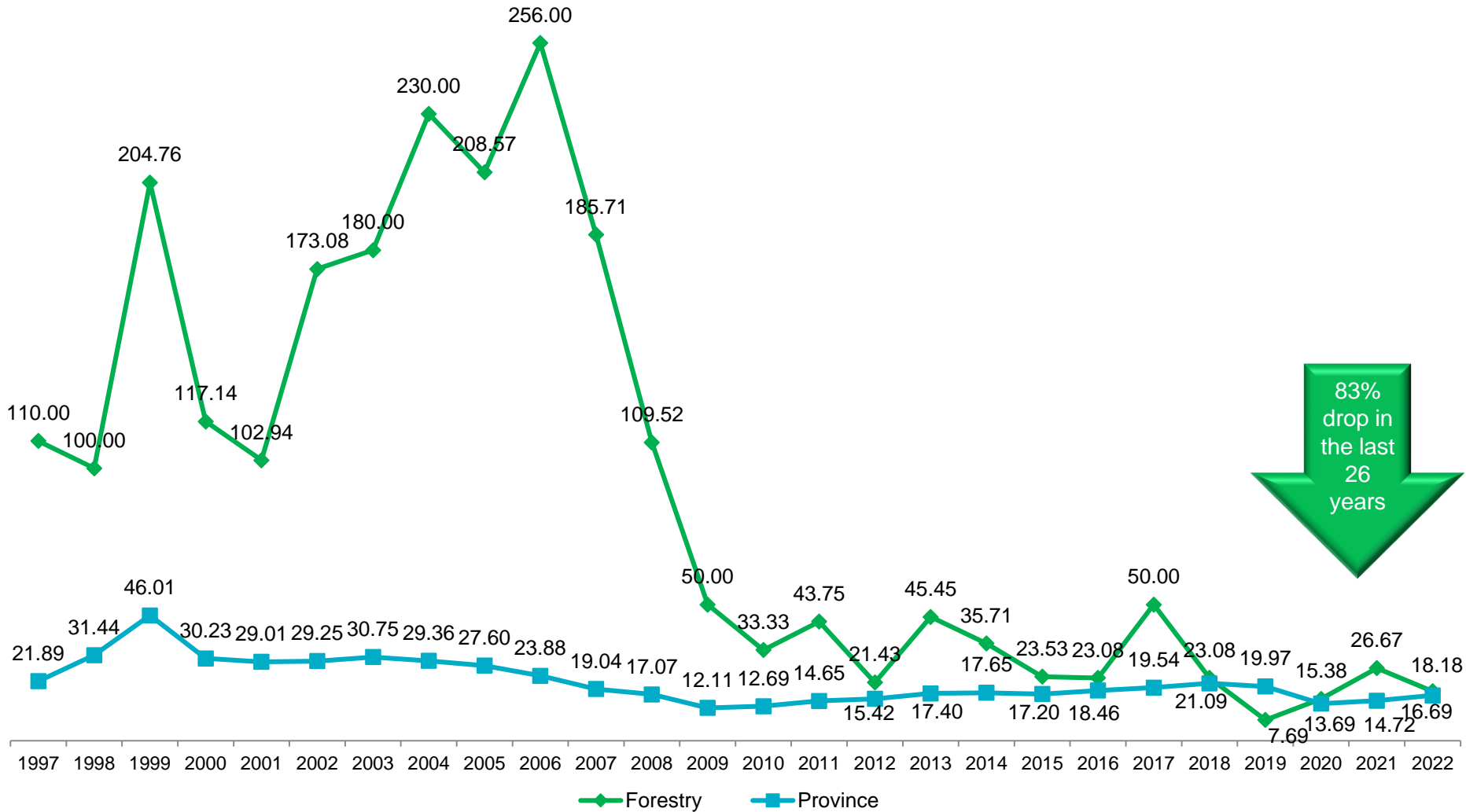


# Forestry Industry Hearing Loss Injury Rate / 10,000 Employees Newfoundland and Labrador 1997 - 2022



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

