

# Workplace Safety in the Construction Industry



WorkplaceNL  
2023

## Provincial Perspective

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

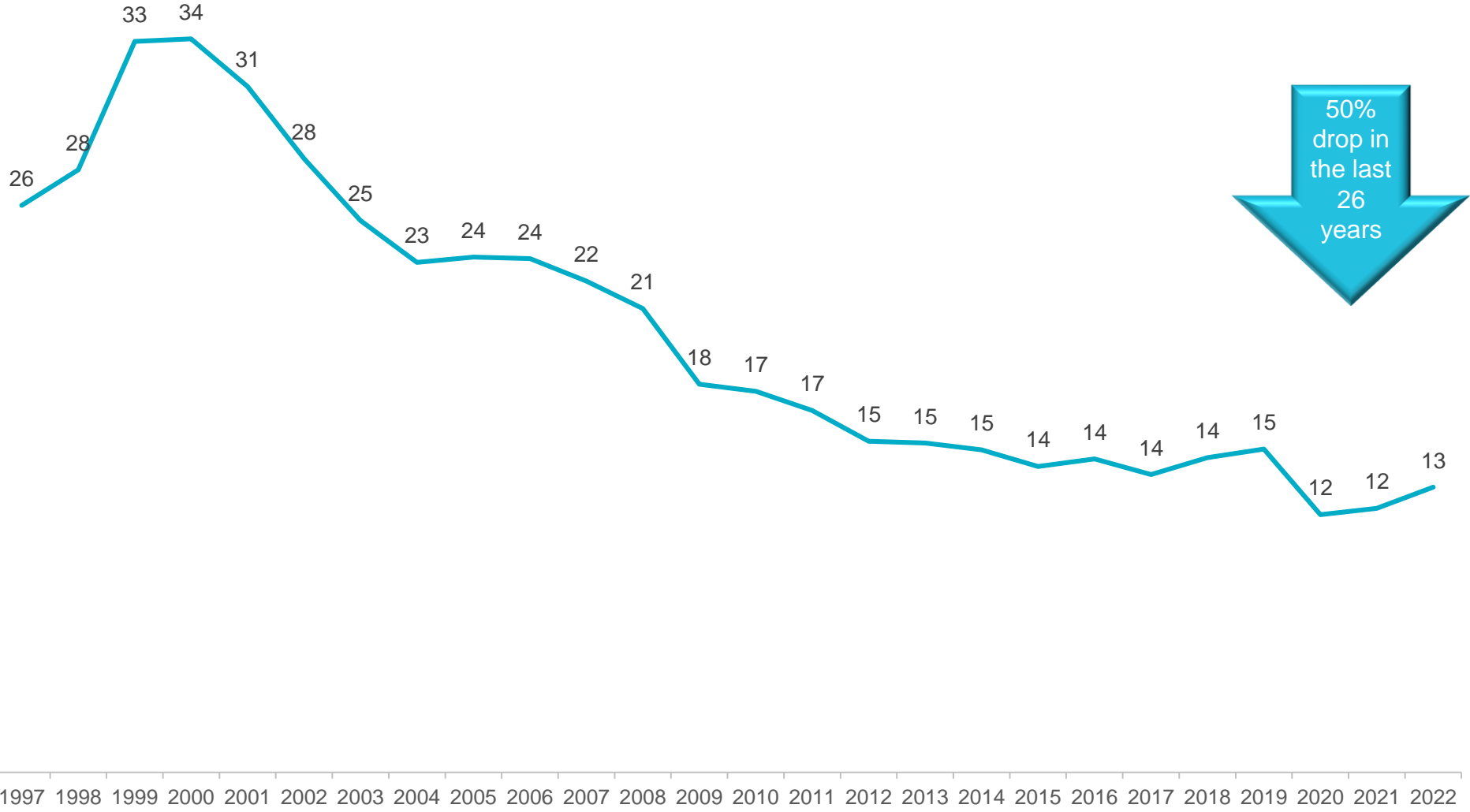
# Definitions

- **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.

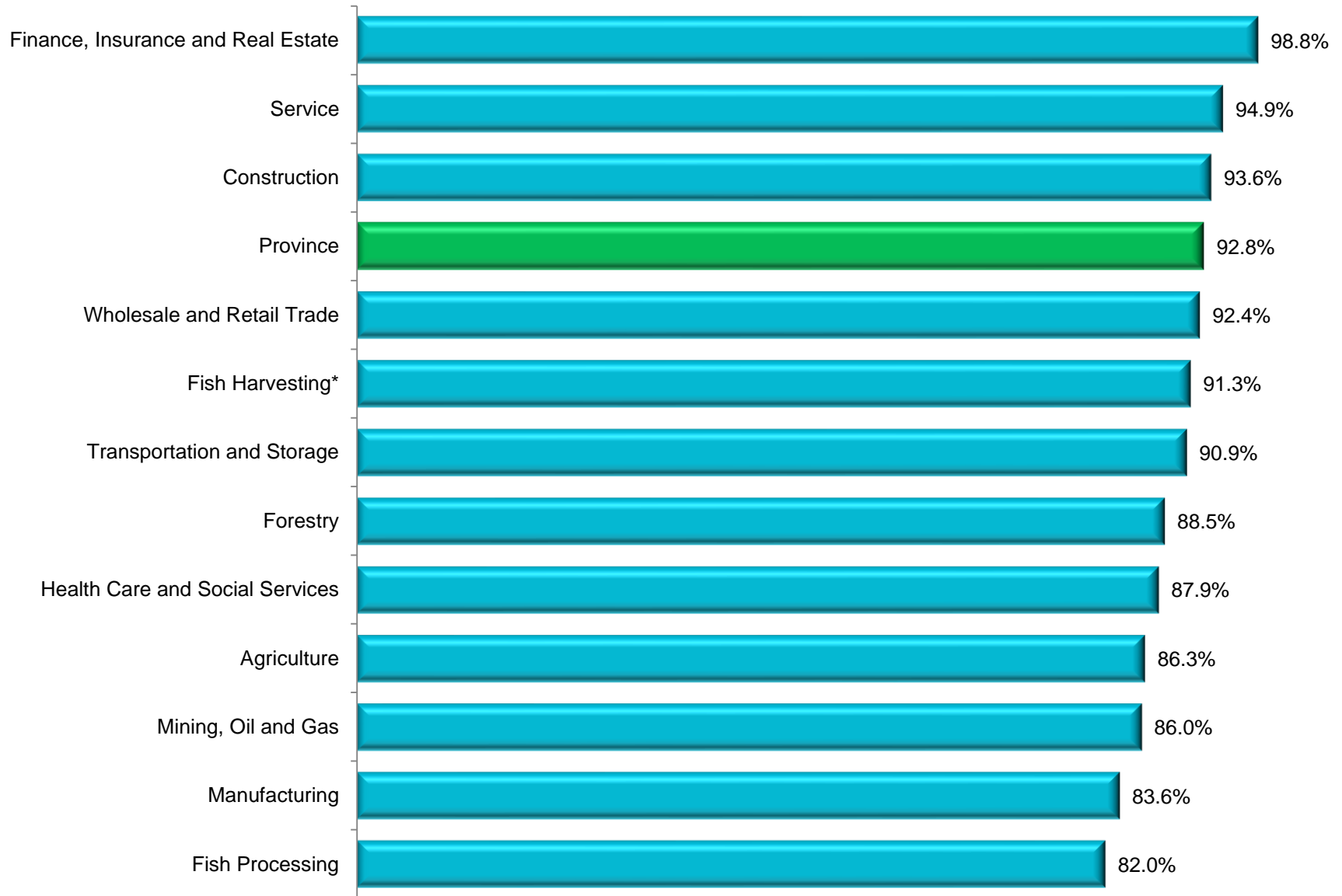


# Construction Industry Lagging Indicators

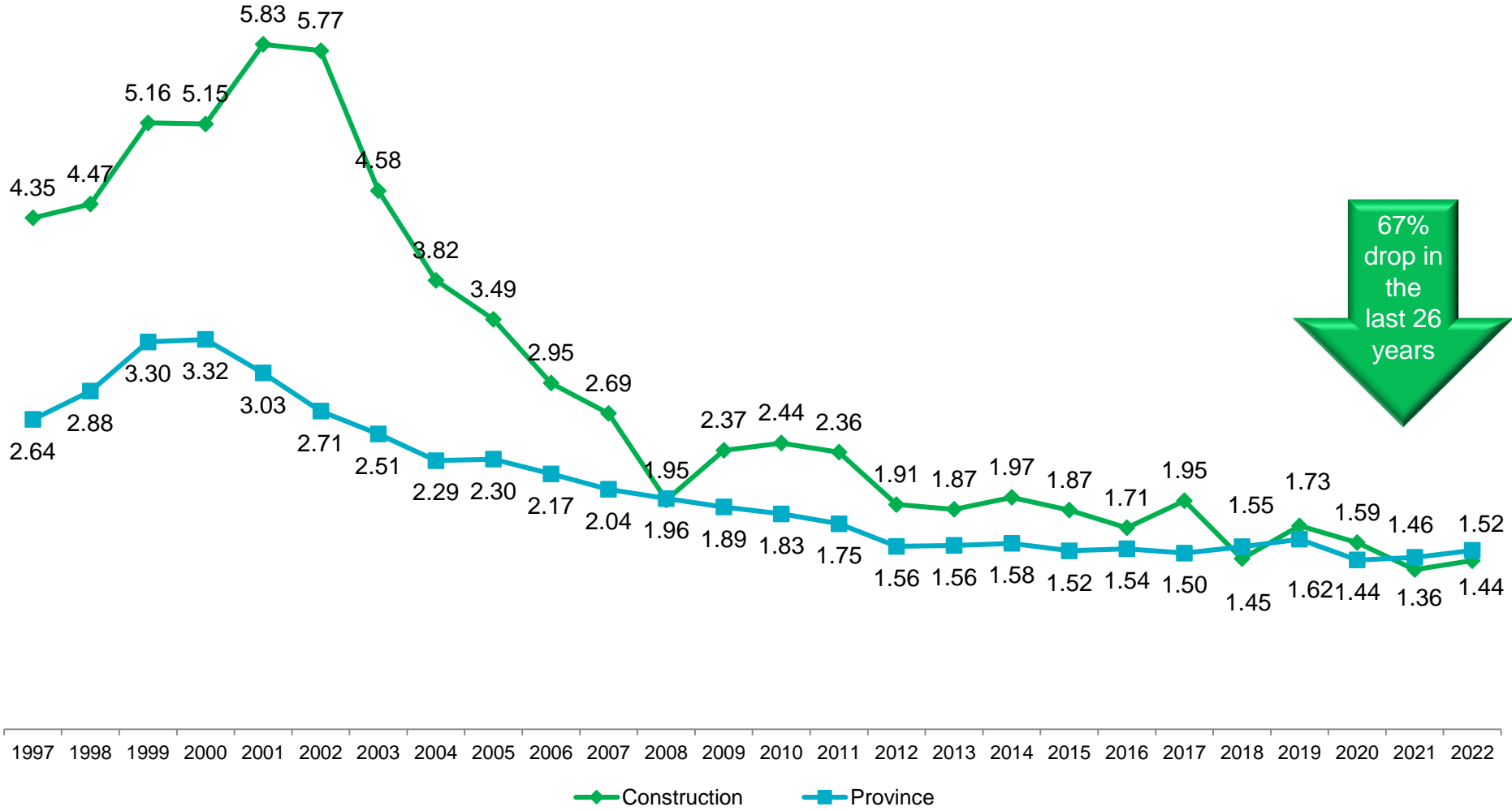
# Number of Workers Injured per Day (on average) Newfoundland and Labrador 1997 - 2022



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

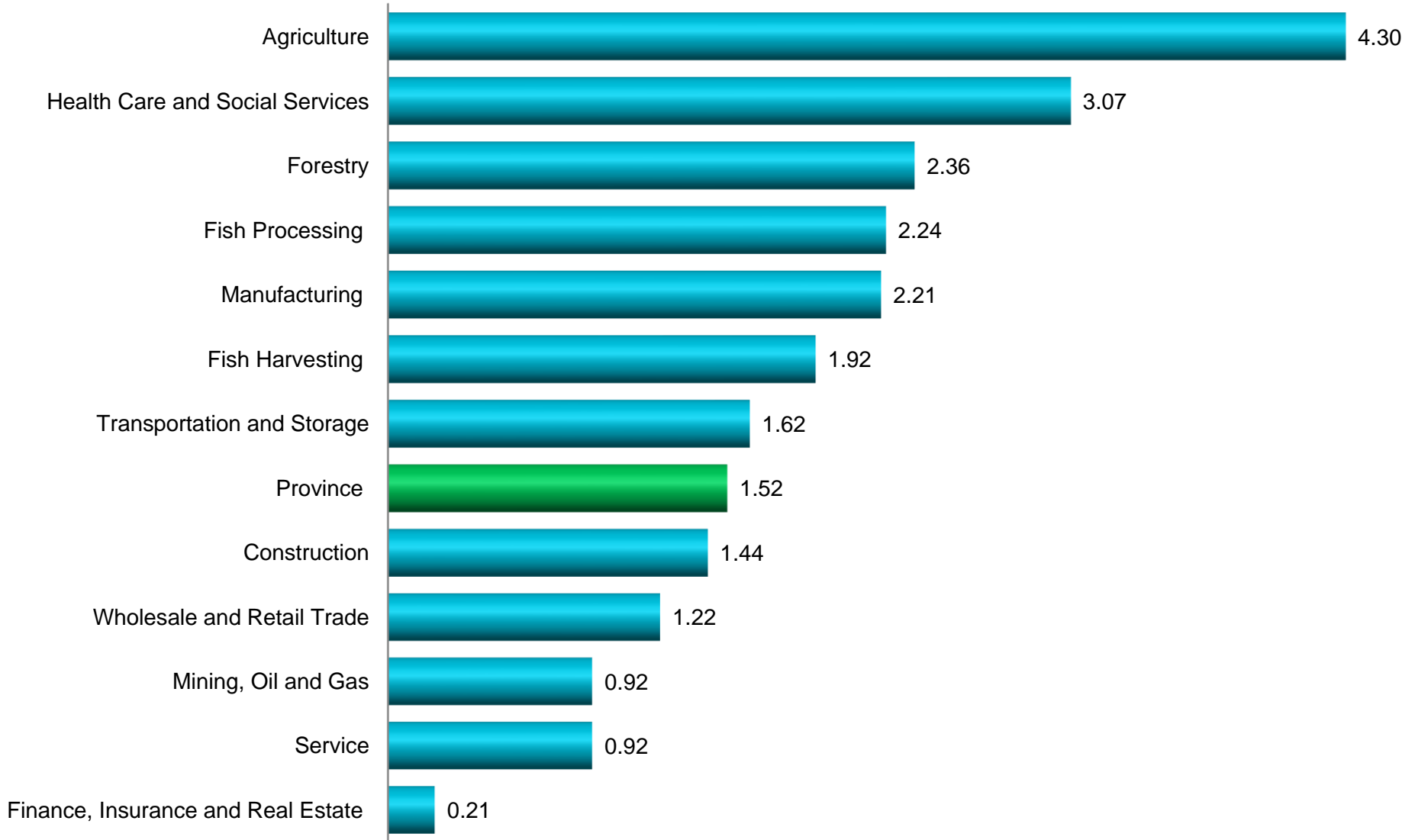


Construction Industry  
 Lost-time Incidence Rate / 100 Employees  
 Newfoundland and Labrador 1997 - 2022

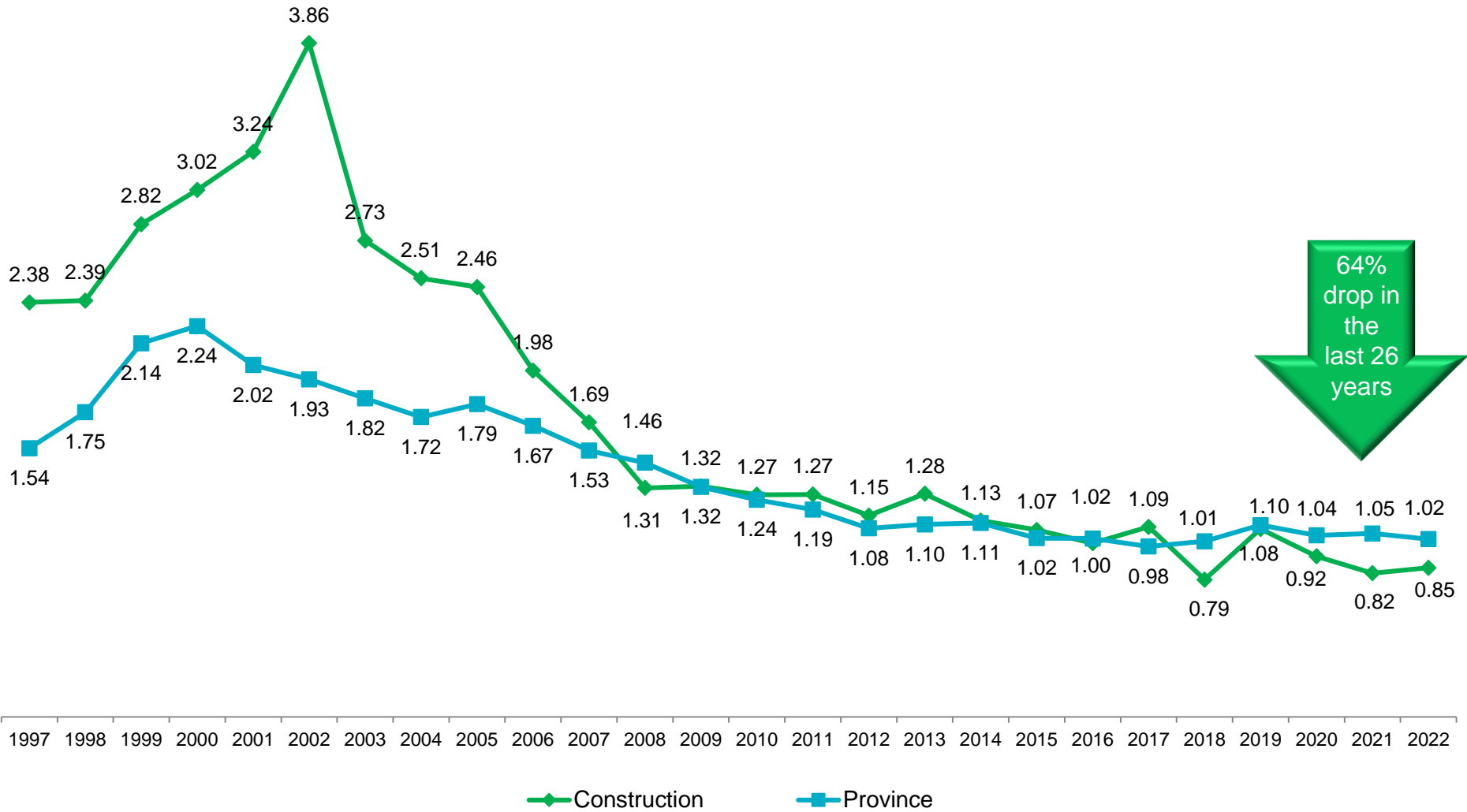


67%  
 drop in  
 the  
 last 26  
 years

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



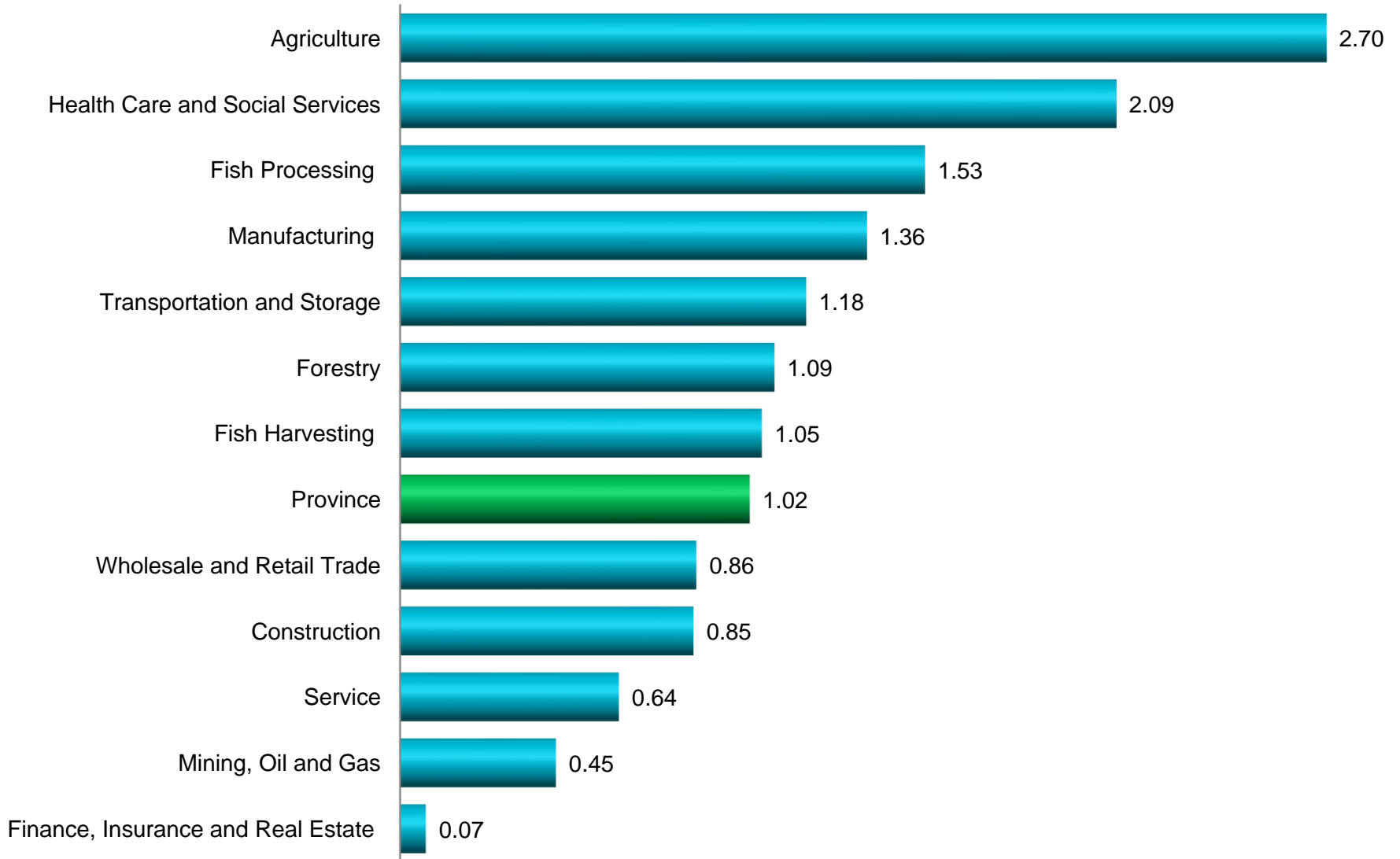
# Construction Industry Soft Tissue Incidence Rate / 100 Employees Newfoundland and Labrador 1997 - 2022



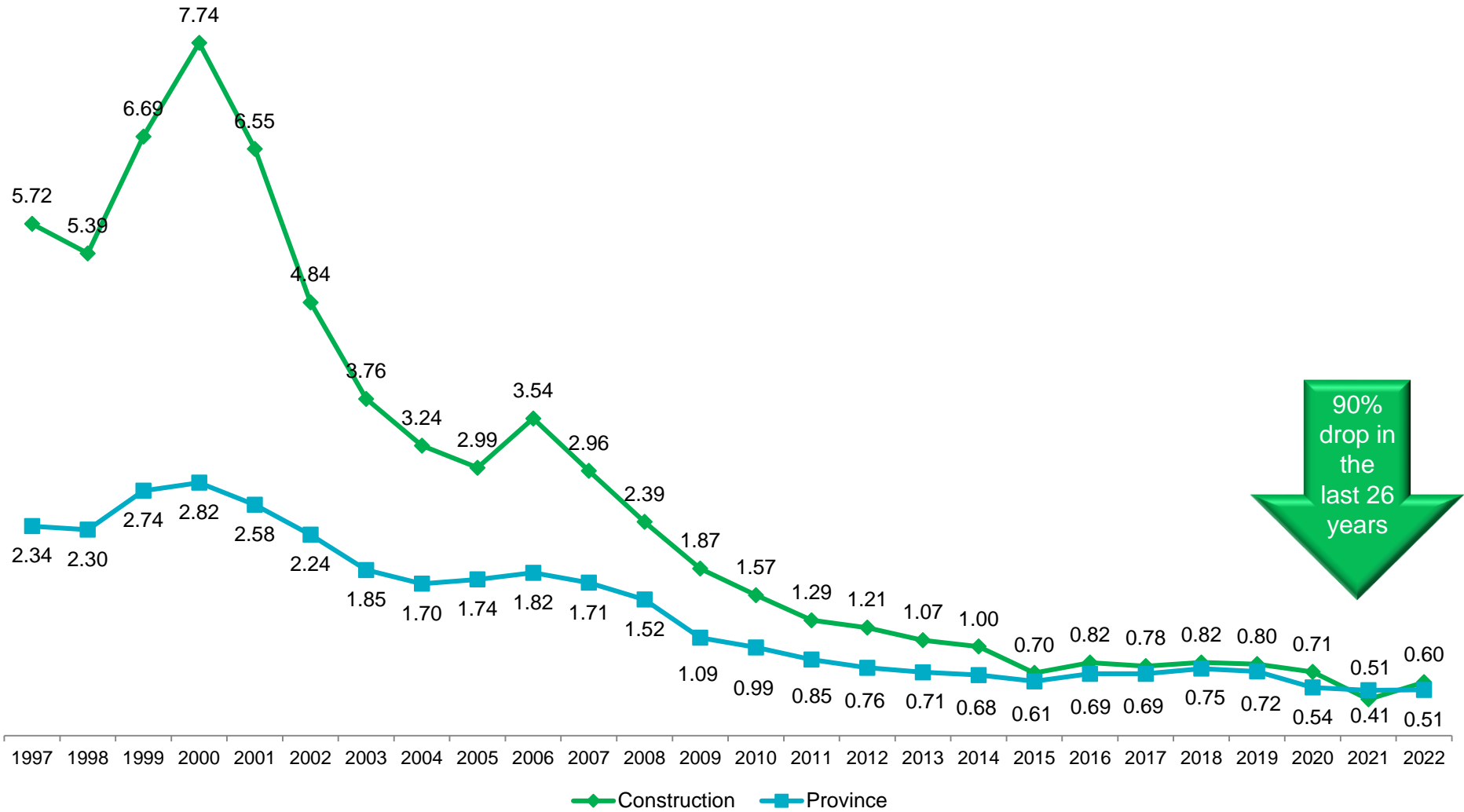
64%  
drop in  
the  
last 26  
years



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

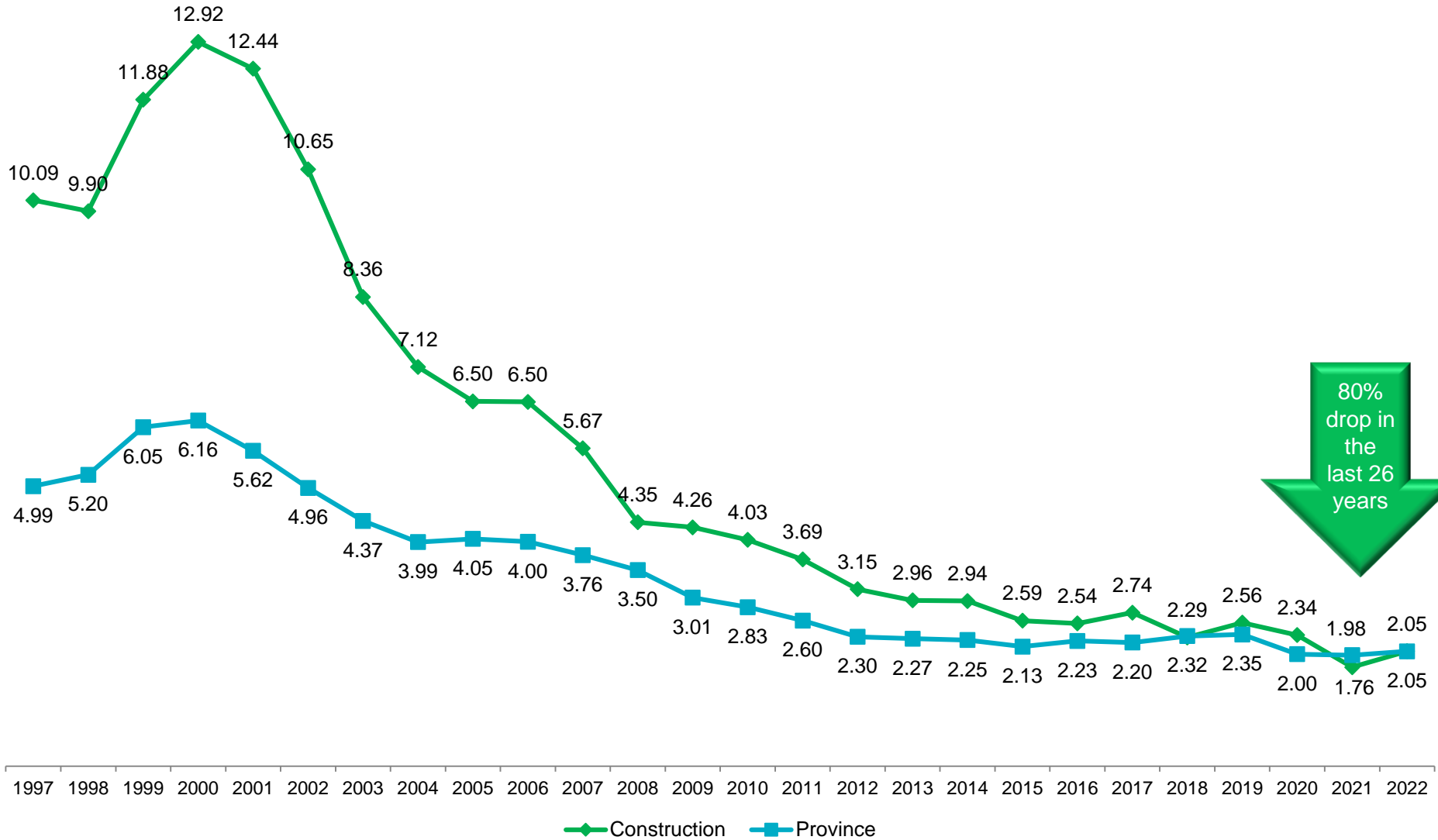


# Construction Industry Health Care Only Incidence Rate / 100 Employees Newfoundland and Labrador 1997 - 2022



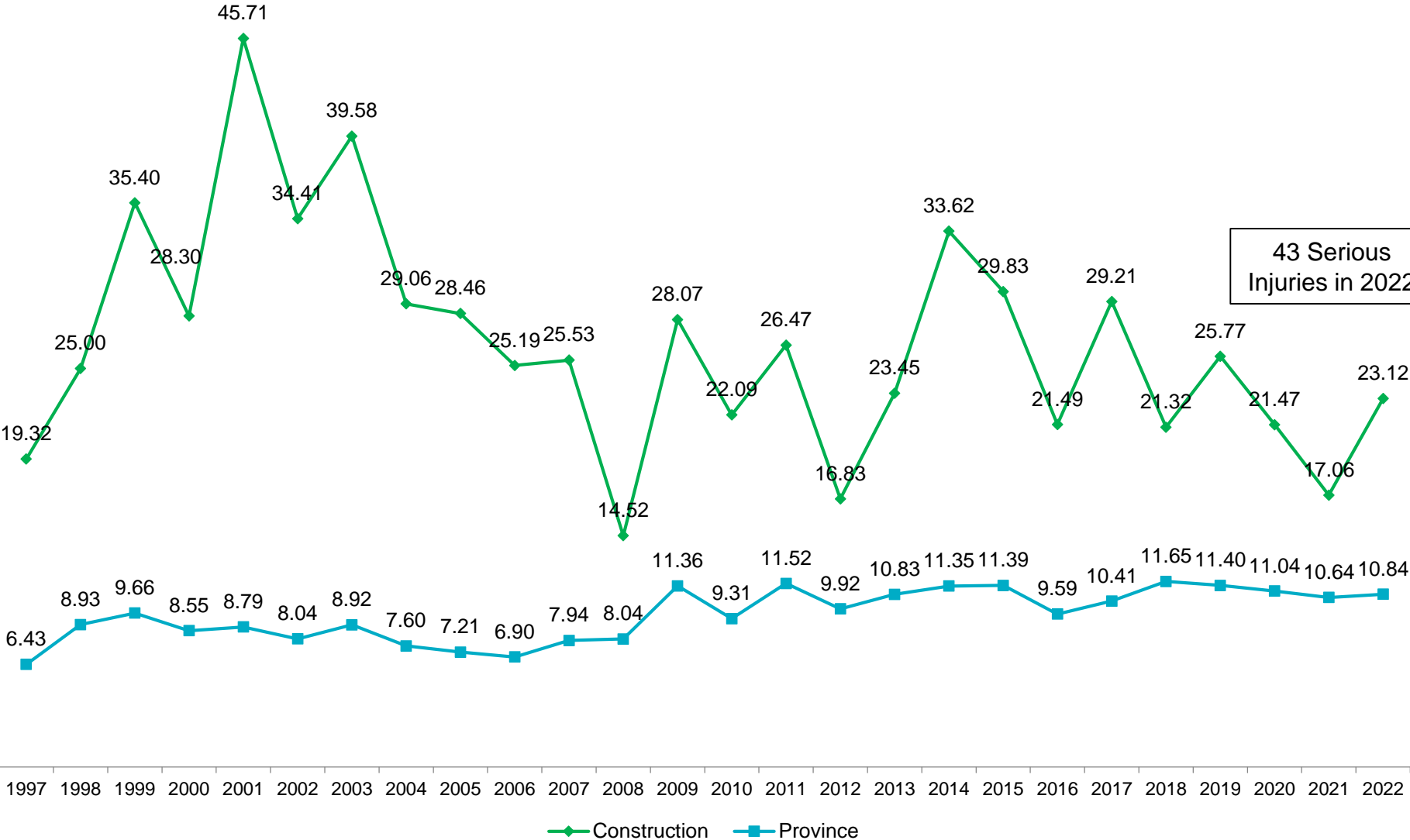
90% drop in the last 26 years

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

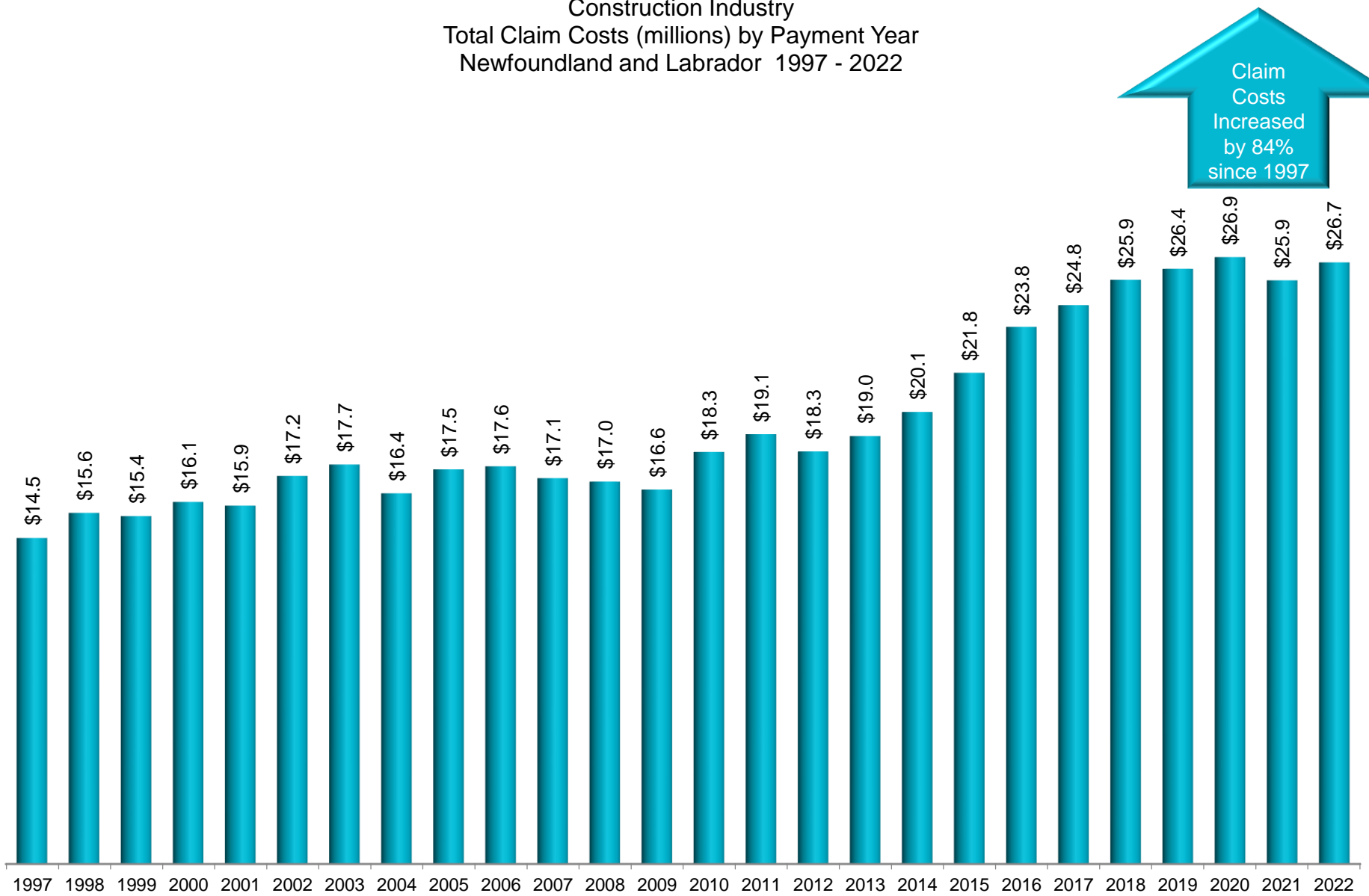


80%  
drop in  
the  
last 26  
years

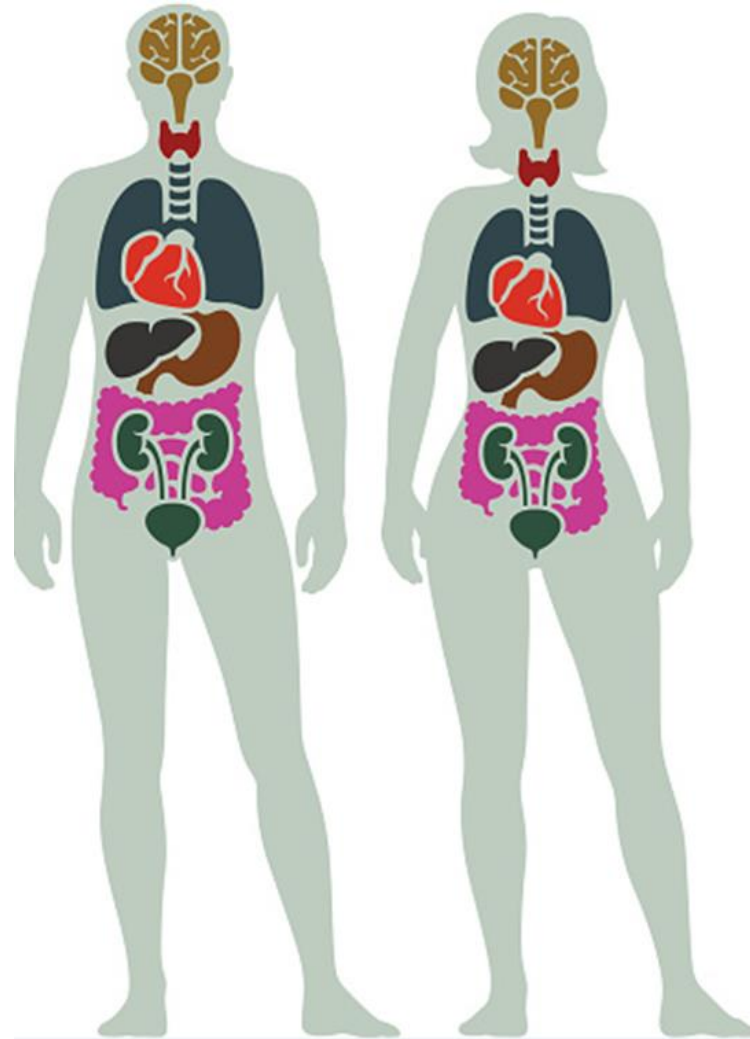
Construction Industry  
 Serious Injury Rate / 10,000 Employees  
 Newfoundland and Labrador 1997 - 2022



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

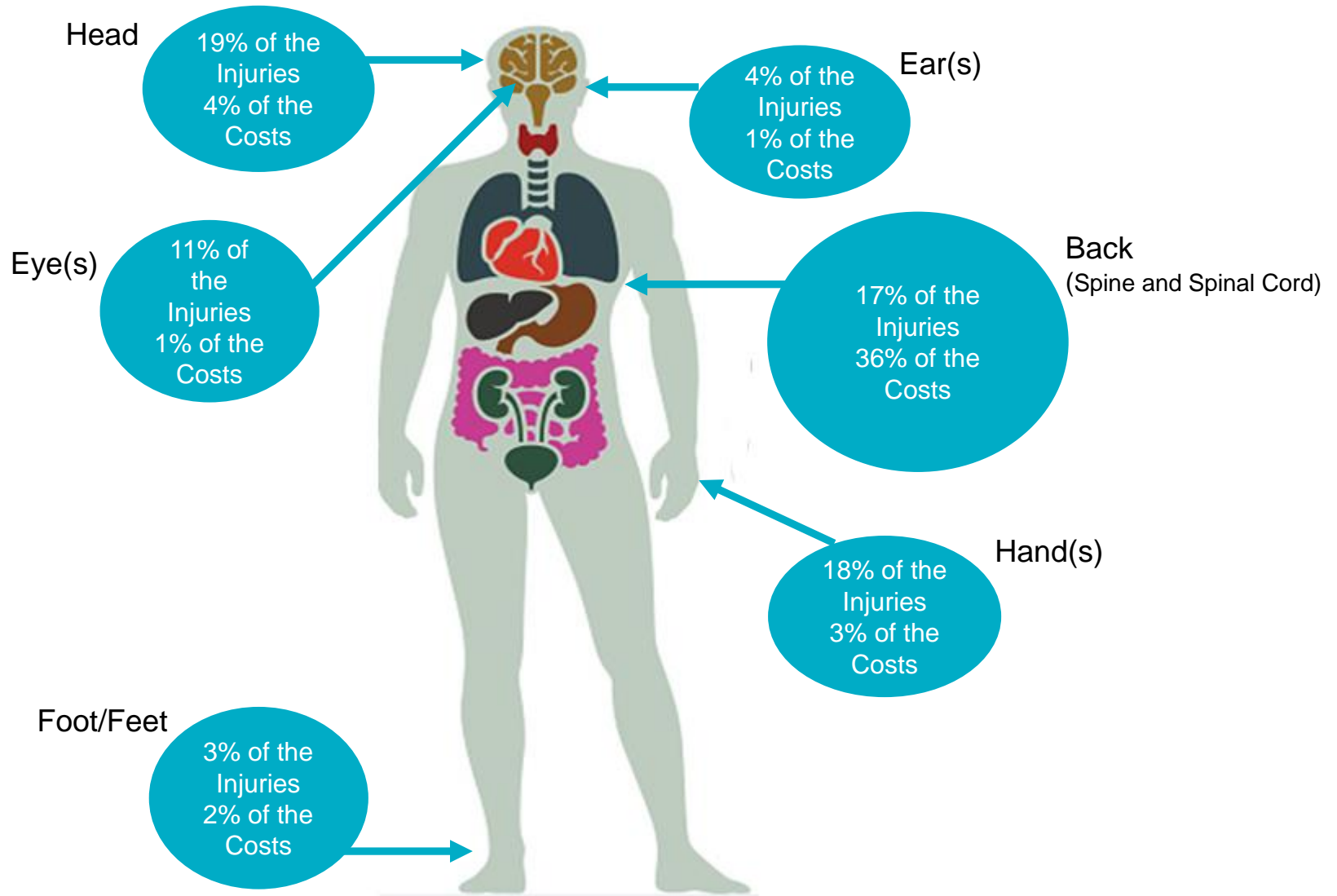


# Selected Parts of Body Metrics

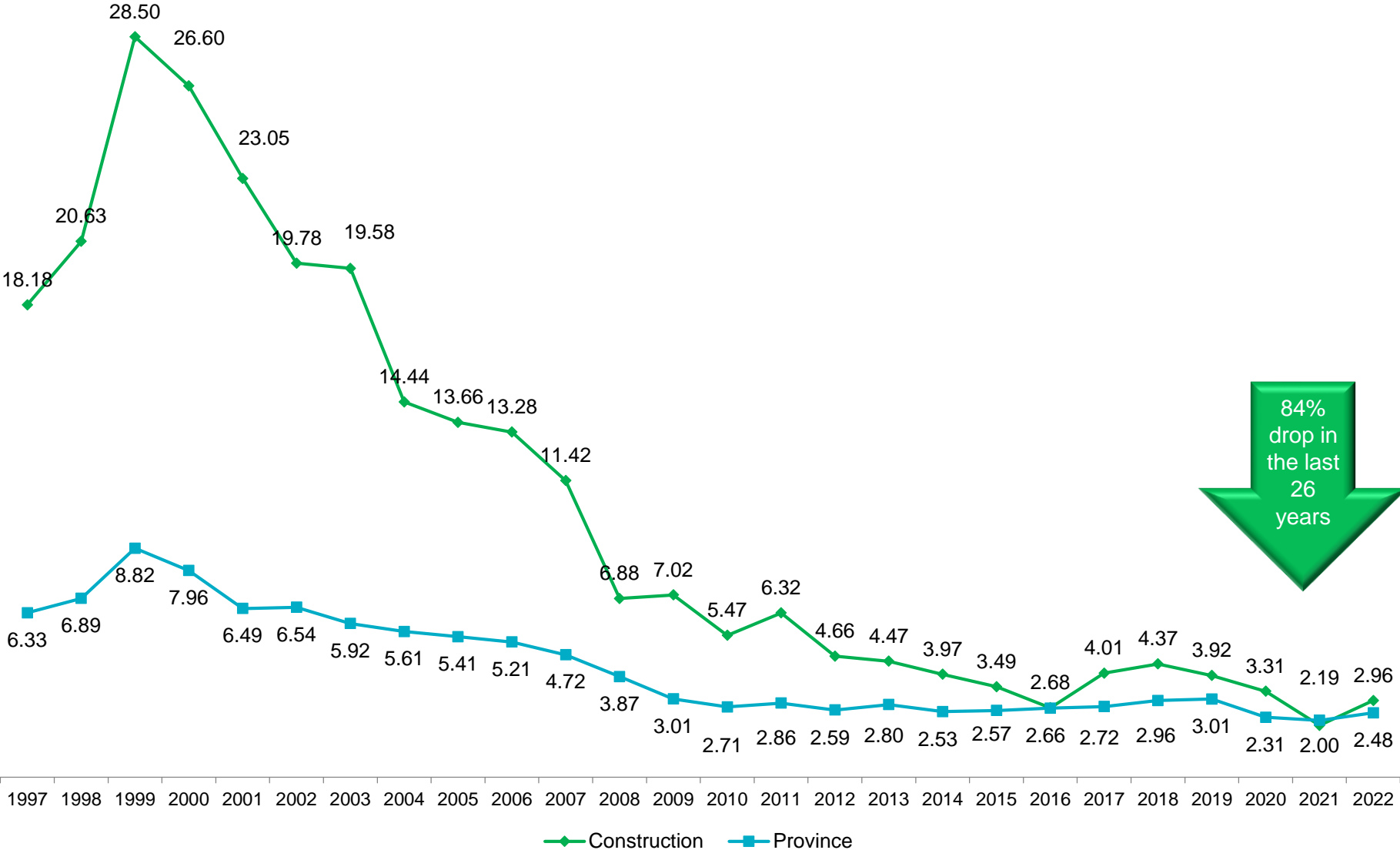


# Work related Physical Injuries

What are the effects over the last 26 years?



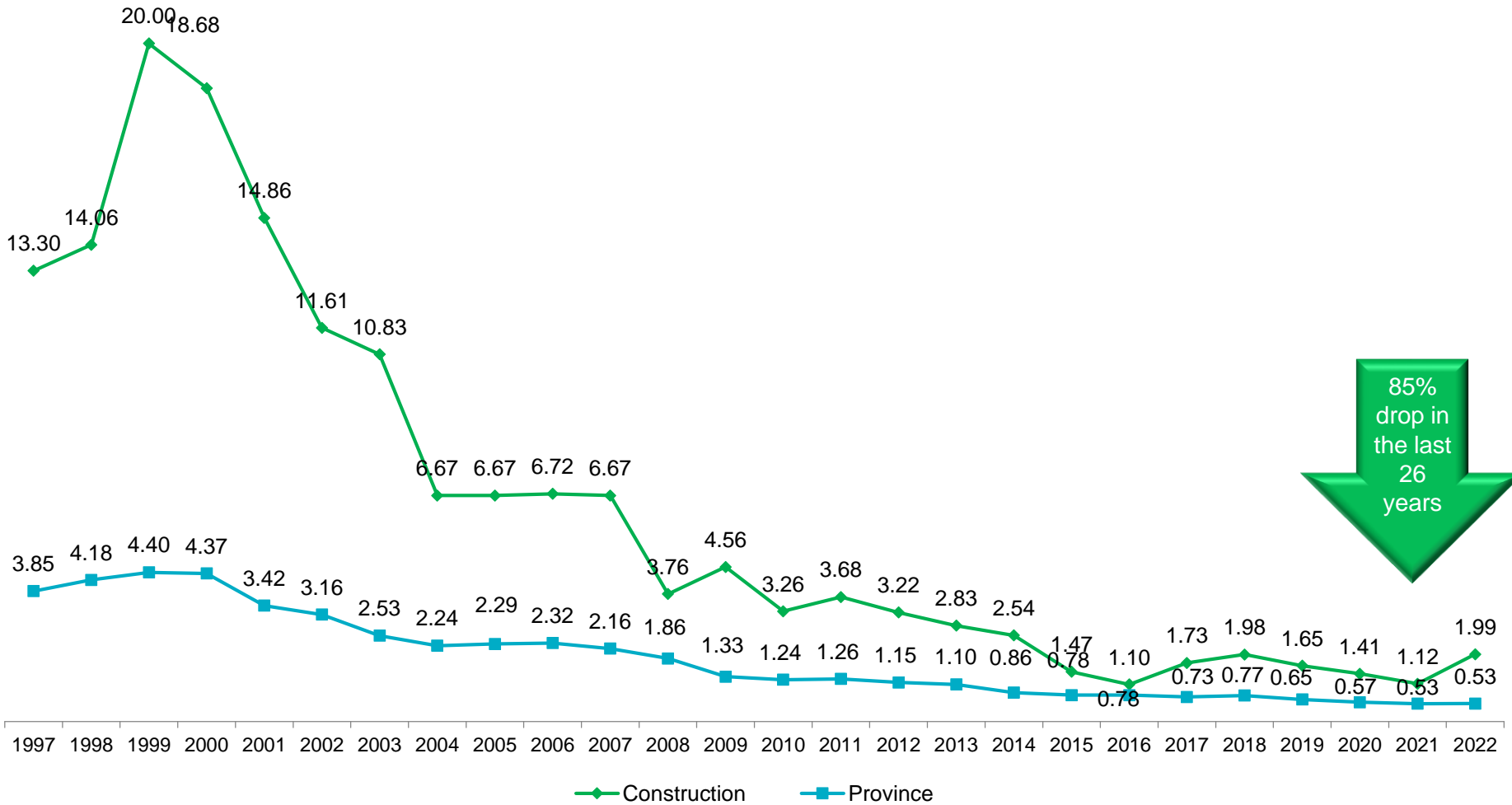
Construction Industry  
 Head Injury Rate / 1,000 Employees  
 Newfoundland and Labrador 1997 - 2022



84%  
 drop in  
 the last  
 26  
 years

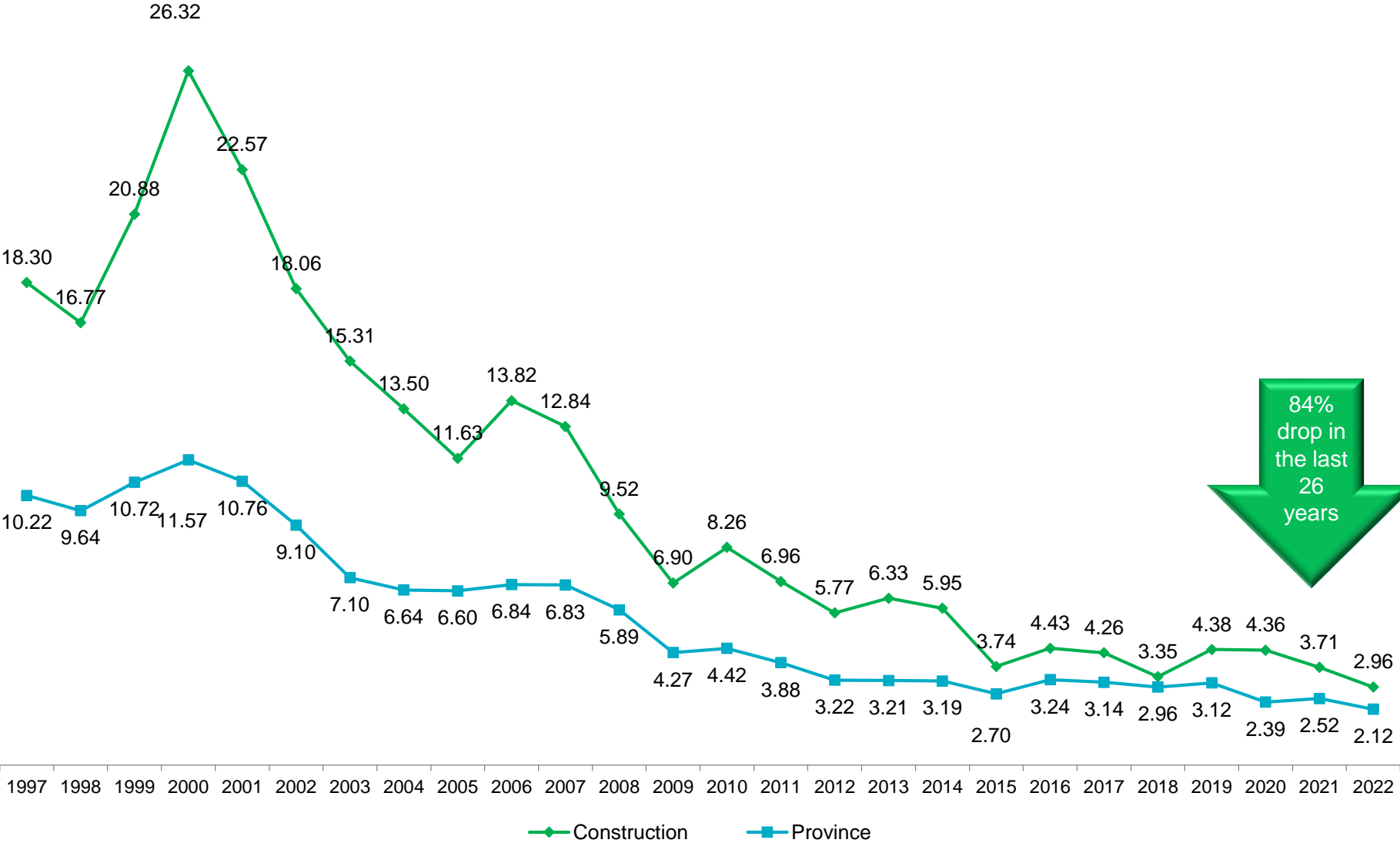


# Construction Industry Eye Injury Rate / 1,000 Employees Newfoundland and Labrador 1997 - 2022



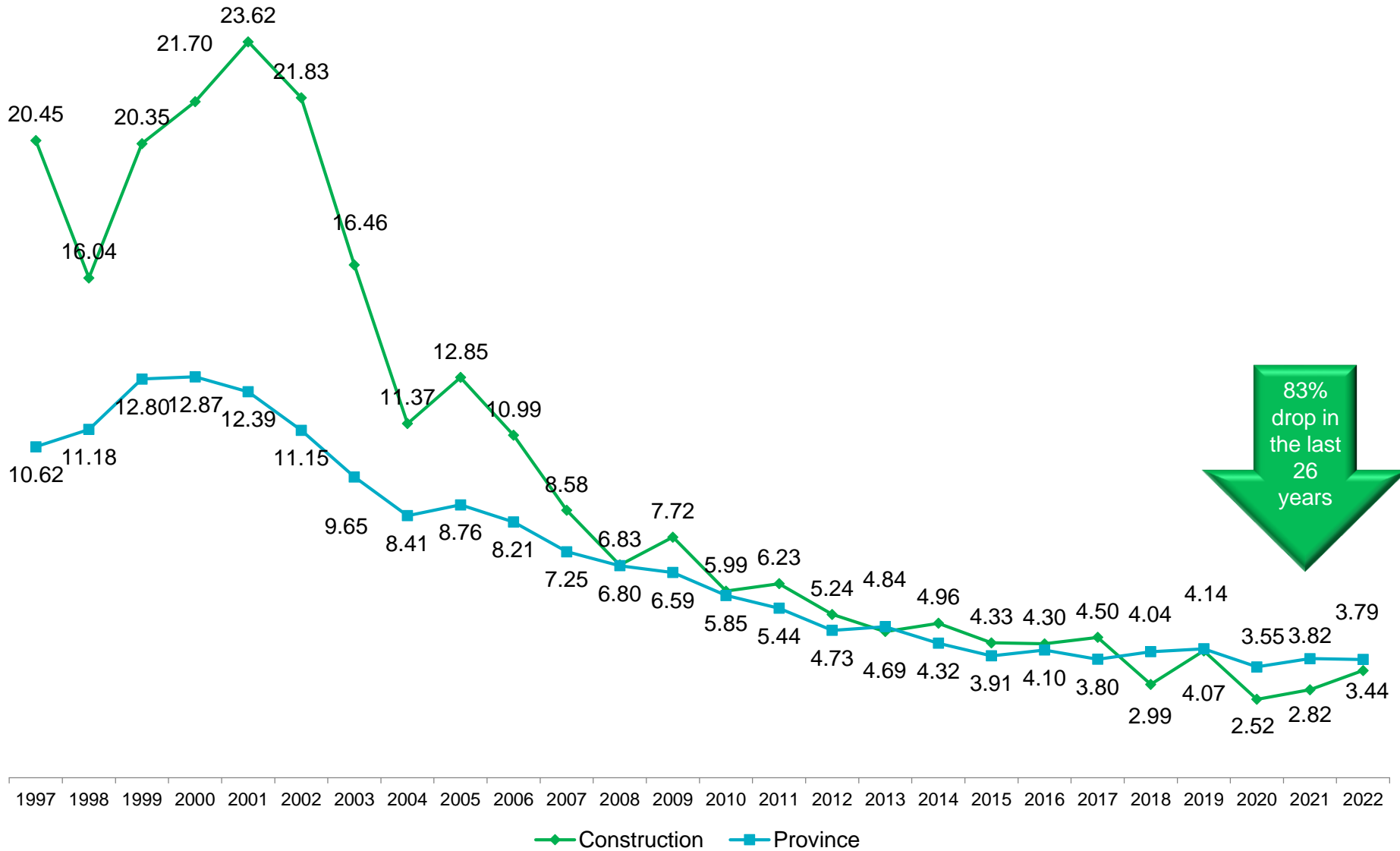
85%  
drop in  
the last  
26  
years

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



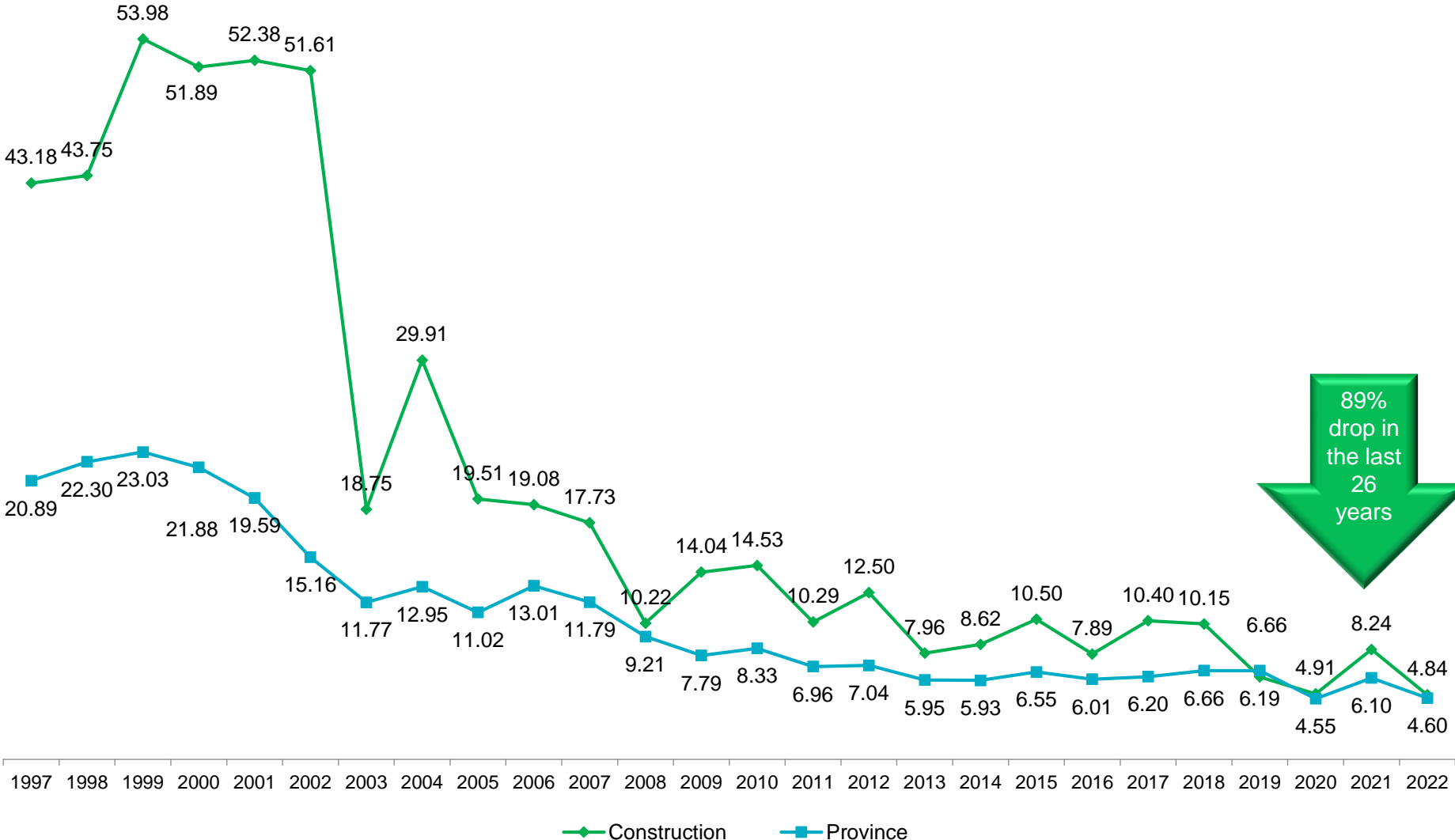
84%  
 drop in  
 the last  
 26  
 years

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



83%  
 drop in  
 the last  
 26  
 years

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



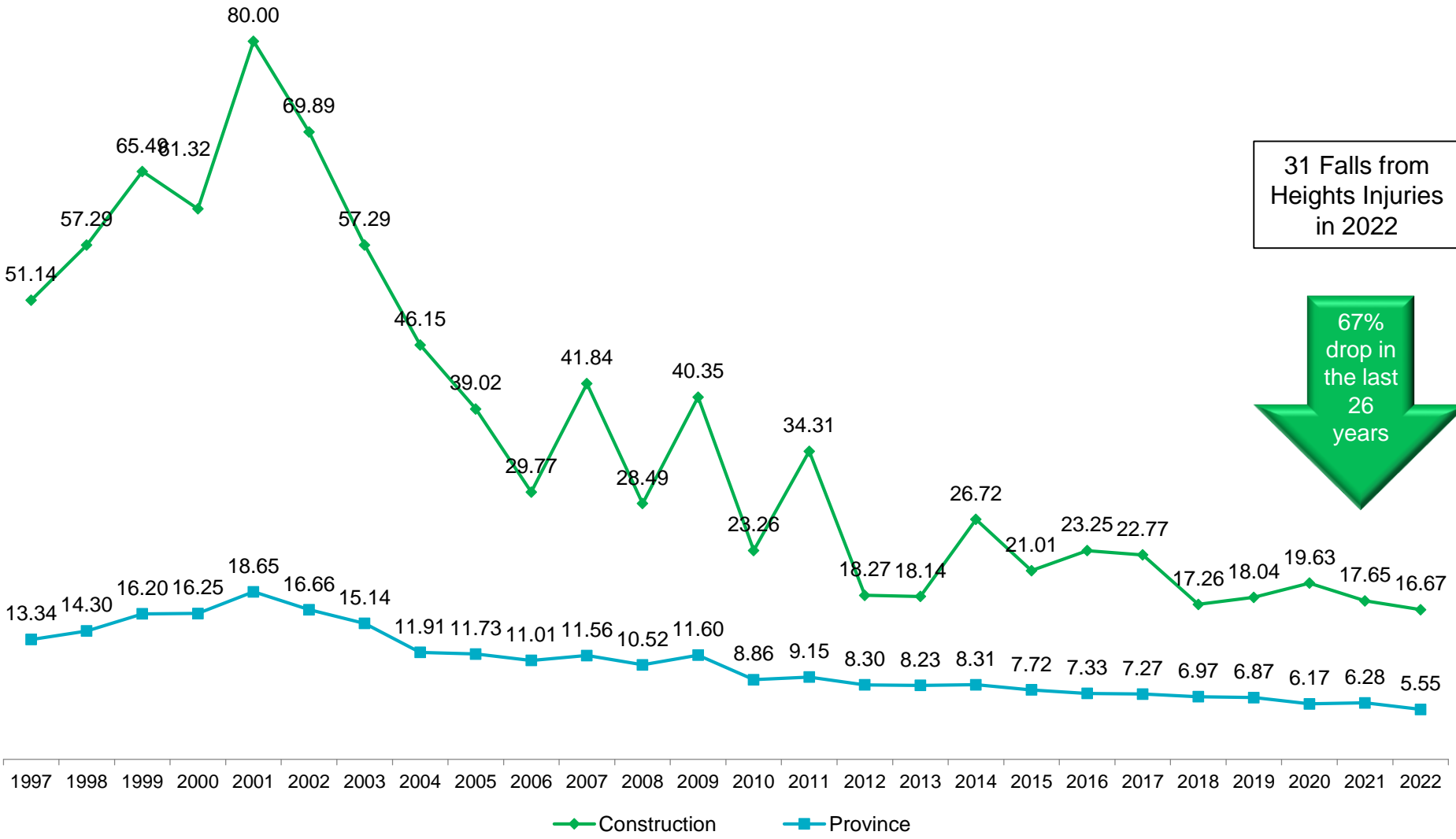
89%  
 drop in  
 the last  
 26  
 years



# Selected Type of Accidents Metrics

# Construction Industry

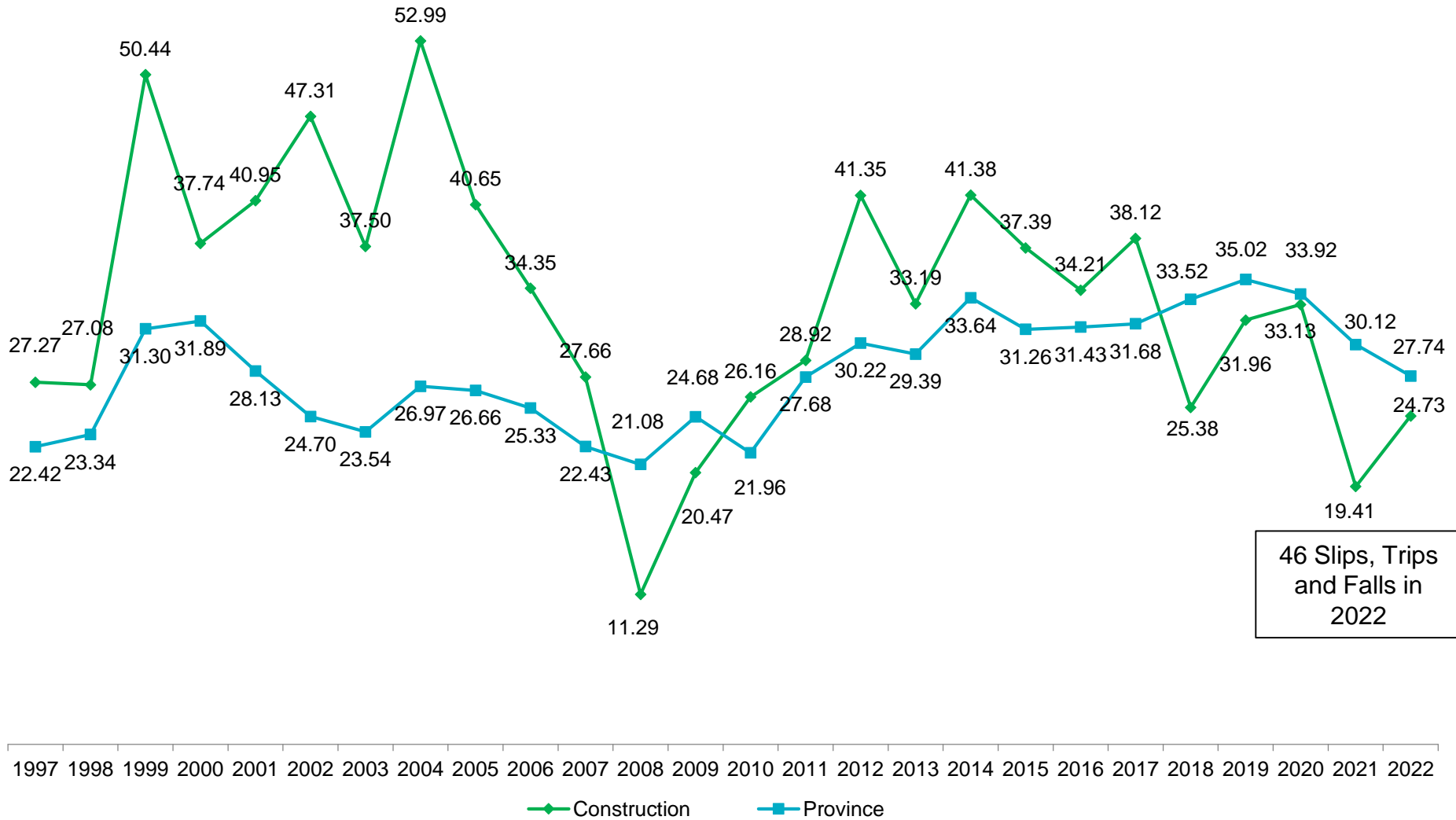
## Falls from Heights Injury Rate / 10,000 Employees Newfoundland and Labrador 1997 - 2022



31 Falls from  
Heights Injuries  
in 2022

67%  
drop in  
the last  
26  
years

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



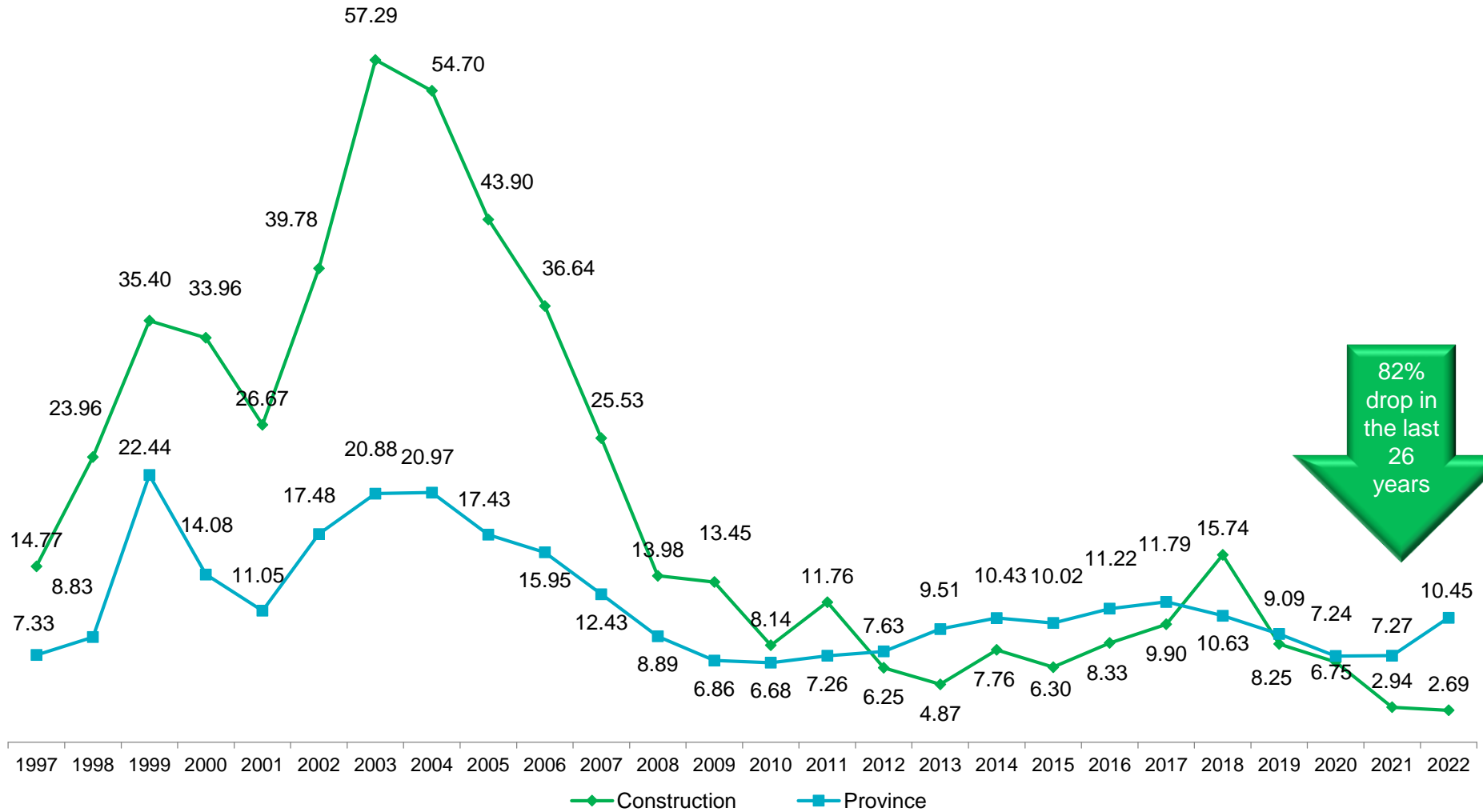
46 Slips, Trips and Falls in 2022



# Construction Industry Occupational Disease Lagging Indicators

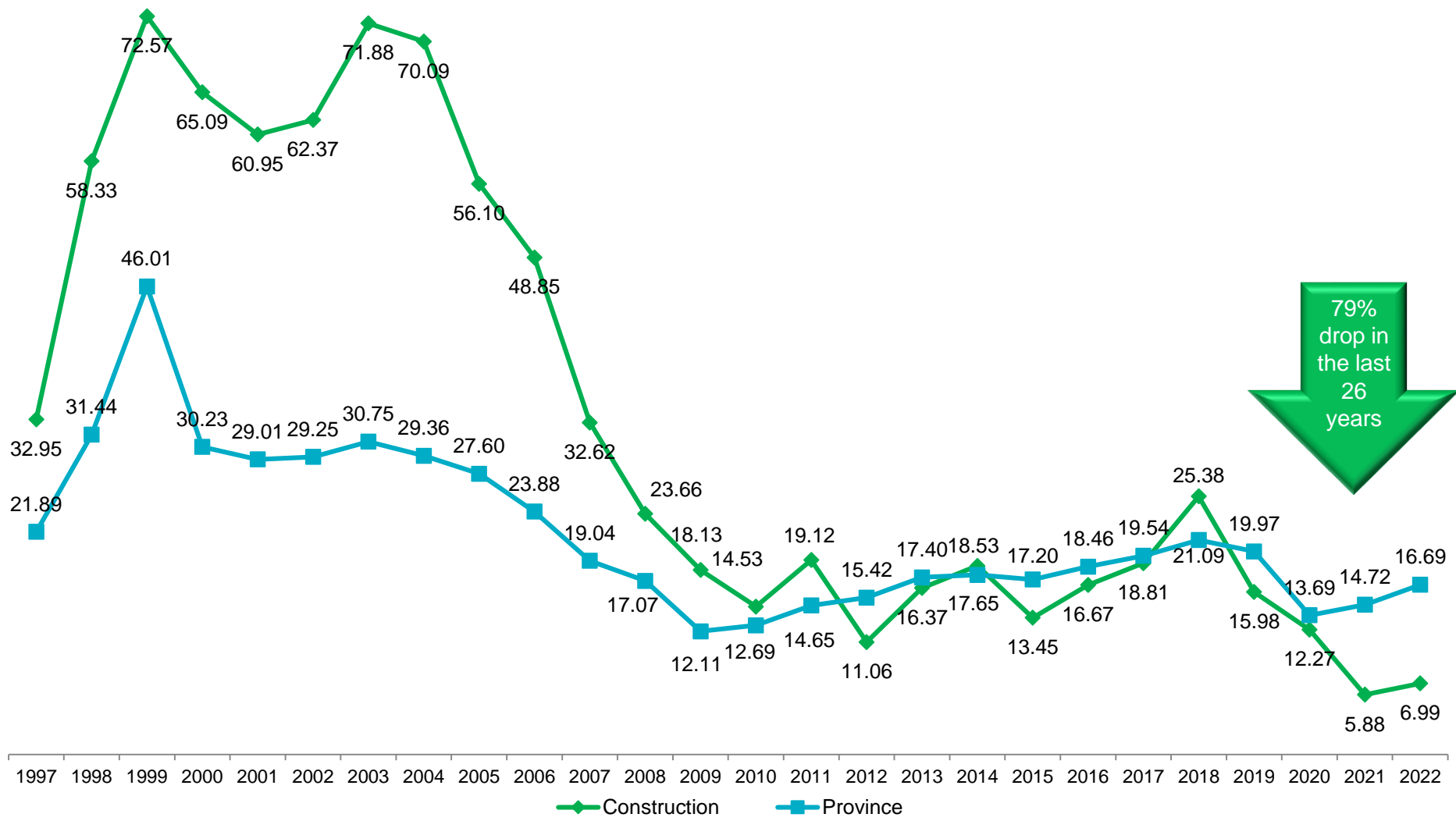


# Construction Industry Hearing Loss Injury Rate / 10,000 Employees Newfoundland and Labrador 1997 - 2022



82%  
drop in  
the last  
26  
years

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



79%  
drop in  
the last  
26  
years

