The presentation will begin shortly

In partnership

Monash University Accident Research Centre recognises that we are located and conduct business on the unceded lands of the Peoples of the Kulin Nations.

We pay our respects to their Elders, past and present.

Today's Moderator

Jerome Carslake

Director of the National Road Safety Partnership Program (NRSPP)

Monash University Accident Research Centre (MUARC)

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Core Funders

ACT Government

NSW Government | Transport for NSW

TAC Transport Accident Commission

Queensland Government

Road Safety Commission

NSW Government | State Insurance Regulatory Authority

House Keeping

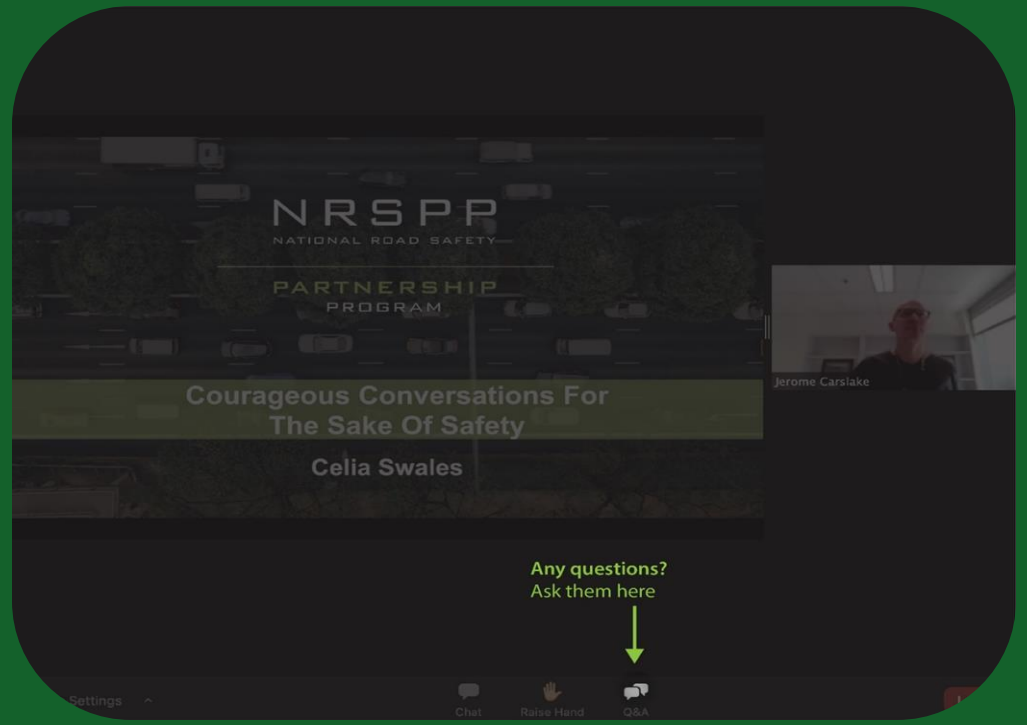
Presentation

40mins

Q & A Discussion

20mins

Webinar Functions



Today’s Presenter

Adam Gibson

Transport Research Manager

NTI seconded to NRSPP for NTARC2.0

Today’s Presenter

Dr Jasmine Proud

Data Scientist & Researcher

NTARC2.0 / NRSPP / MUARC

Introduction

Reporting with Purpose

The purpose of this report is not to allocate blame but rather to understand, acknowledge, and proactively improve the key hazards that can be managed in the trucking industry to keep all road users safe.

1. **Highlight opportunities**
2. **Implement measures**
3. **Inform and influence**
4. **Share**

Overview Findings

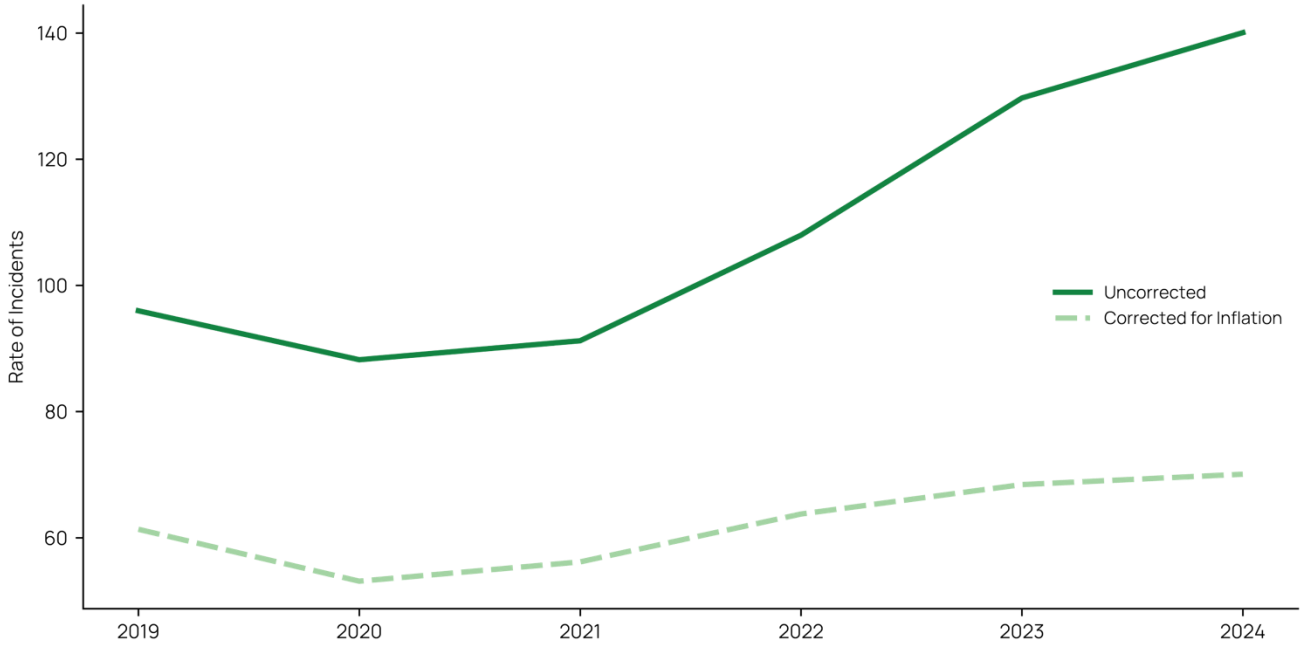
Key Findings

1

Human factor incidents alone accounted for a greater rate than all other cause categories combined in 2024. This reinforces NTARC's continued focus on addressing human factors through targeted hazard management programs and safety initiatives.

1634

Major loss claims above $50k in 2023, up from 1282 in 2022.



Overview Findings

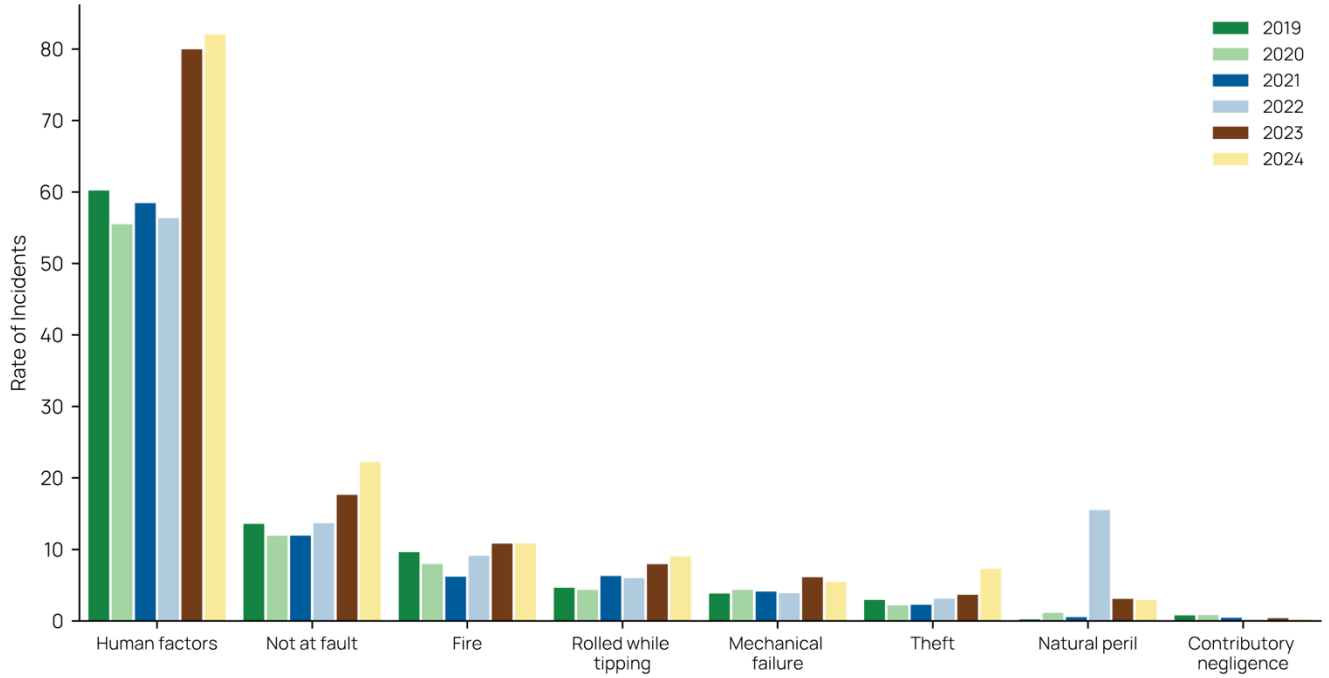
Principle Cause

Key Findings

2

Together, the top three sub-causes—Inattention/Distraction, Inadequate Following Distance, and Inappropriate Speed—comprised 60.9% of all human factor crashes.

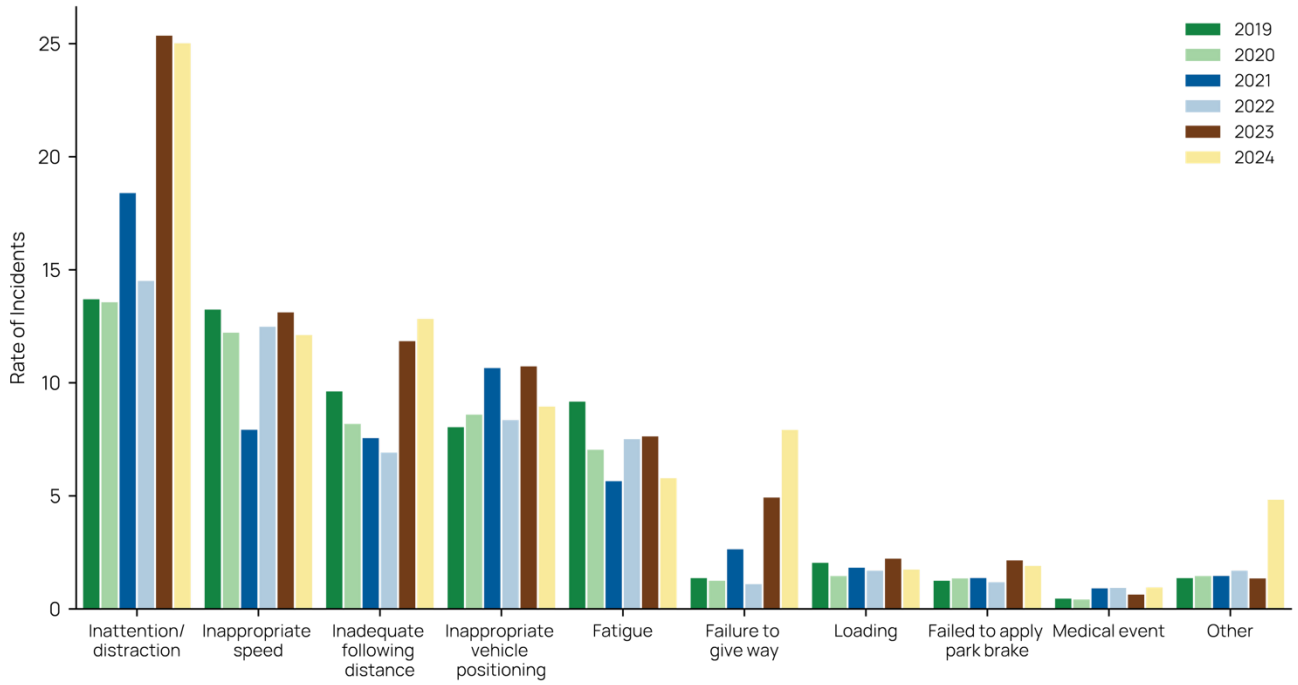
Principle Cause

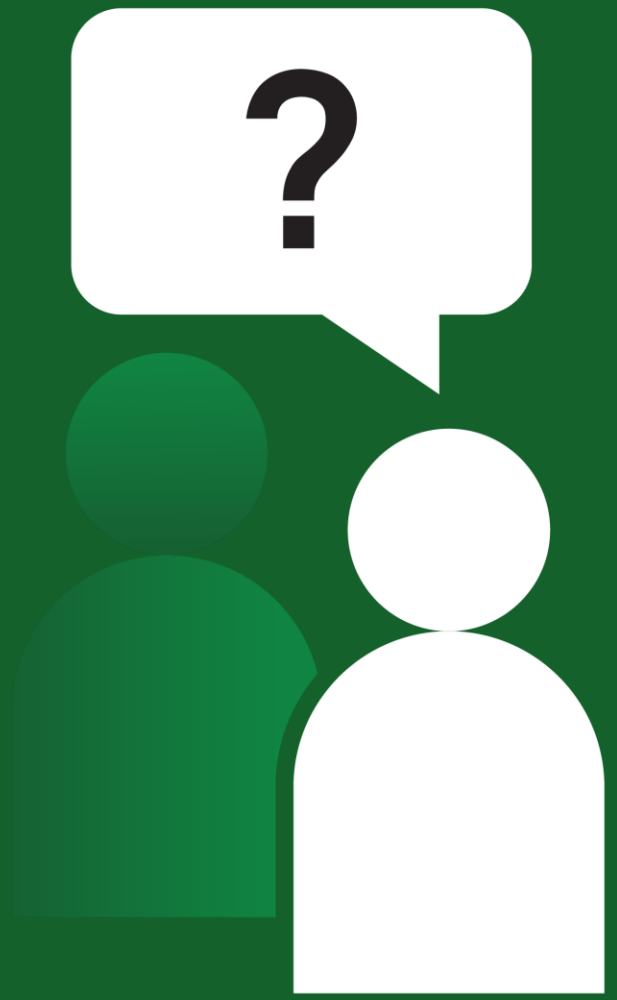


42%

Major loss claims above $50k in 2023, up from 1282 in 2022.

Human Factors





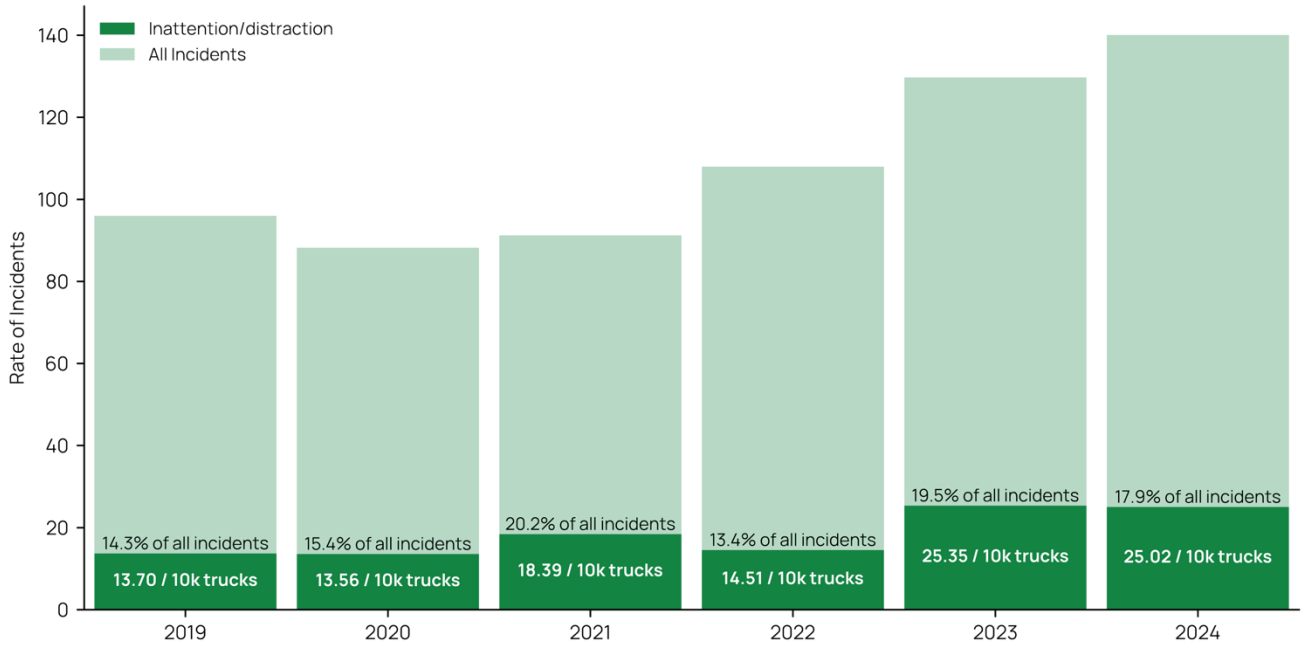
Questions?

Inattention/ Distraction

Key Findings

3

Inattention/Distraction has continued an upward trend over recent years and remains the single largest contributor to incident rates within the dataset, representing 17.9% of all crashes in 2024.



Inattention/ Distraction

65%

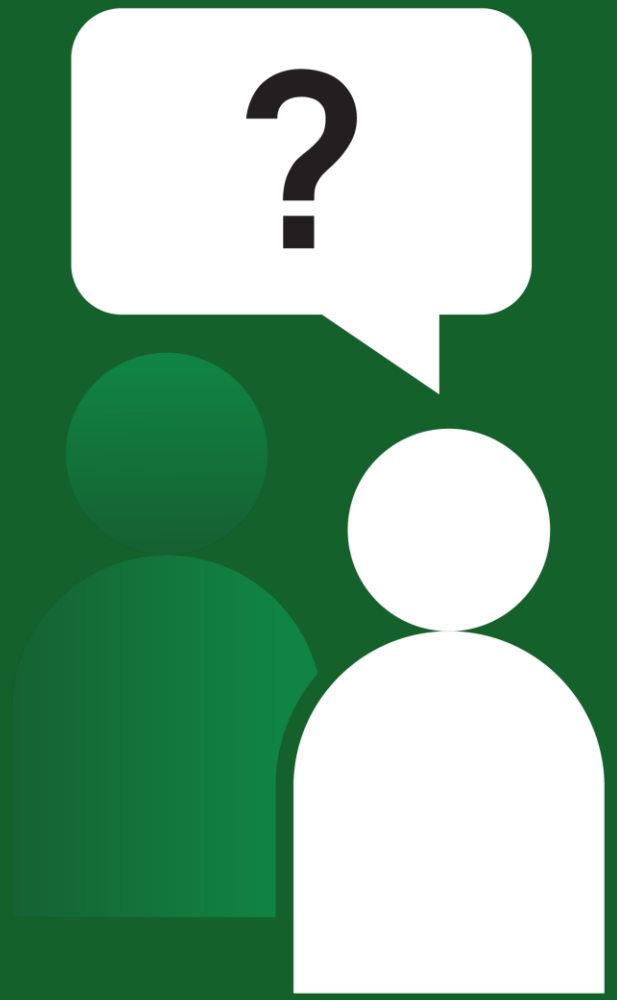
Inattention/distraction incidents were single vehicle in 2023.

32.9%

Inattention/distraction incidents were ‘off path on straight’ in 2023.

75%

Inattention/distraction incidents have increased in 2023 from 2022



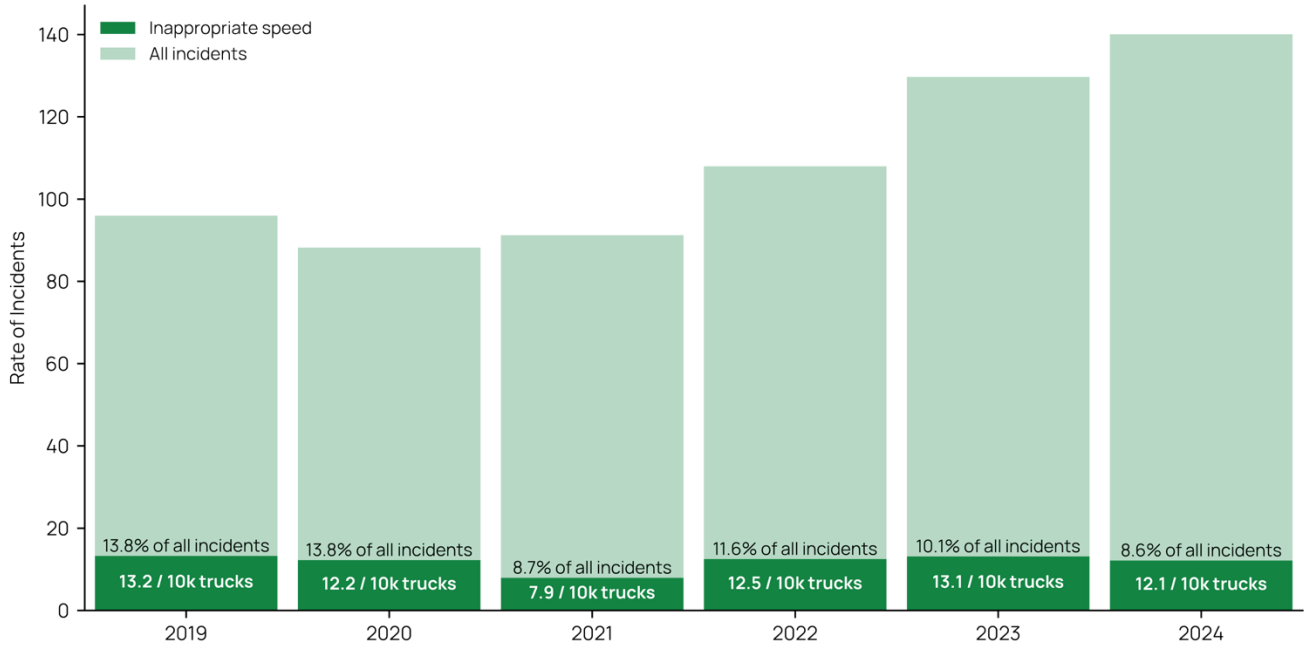
Questions?

Inappropriate speed

Key Findings

4

Inadequate Following Distance accounted for 9.2% of all major incidents and remains a growing concern; the rate of increase may be stabilising, offering an opportunity for targeted interventions to curb further growth.



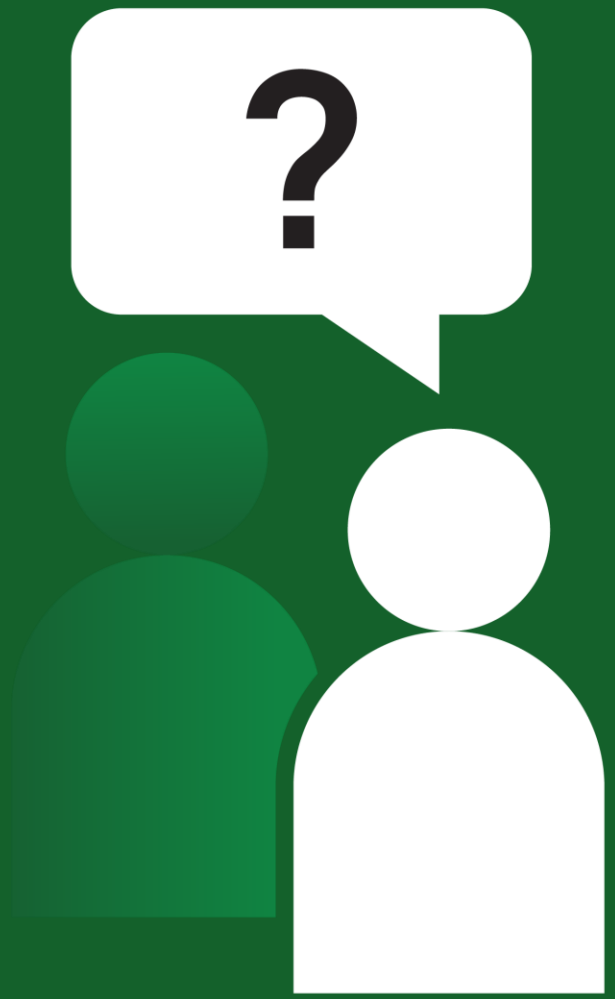
Inappropriate Speed

85%

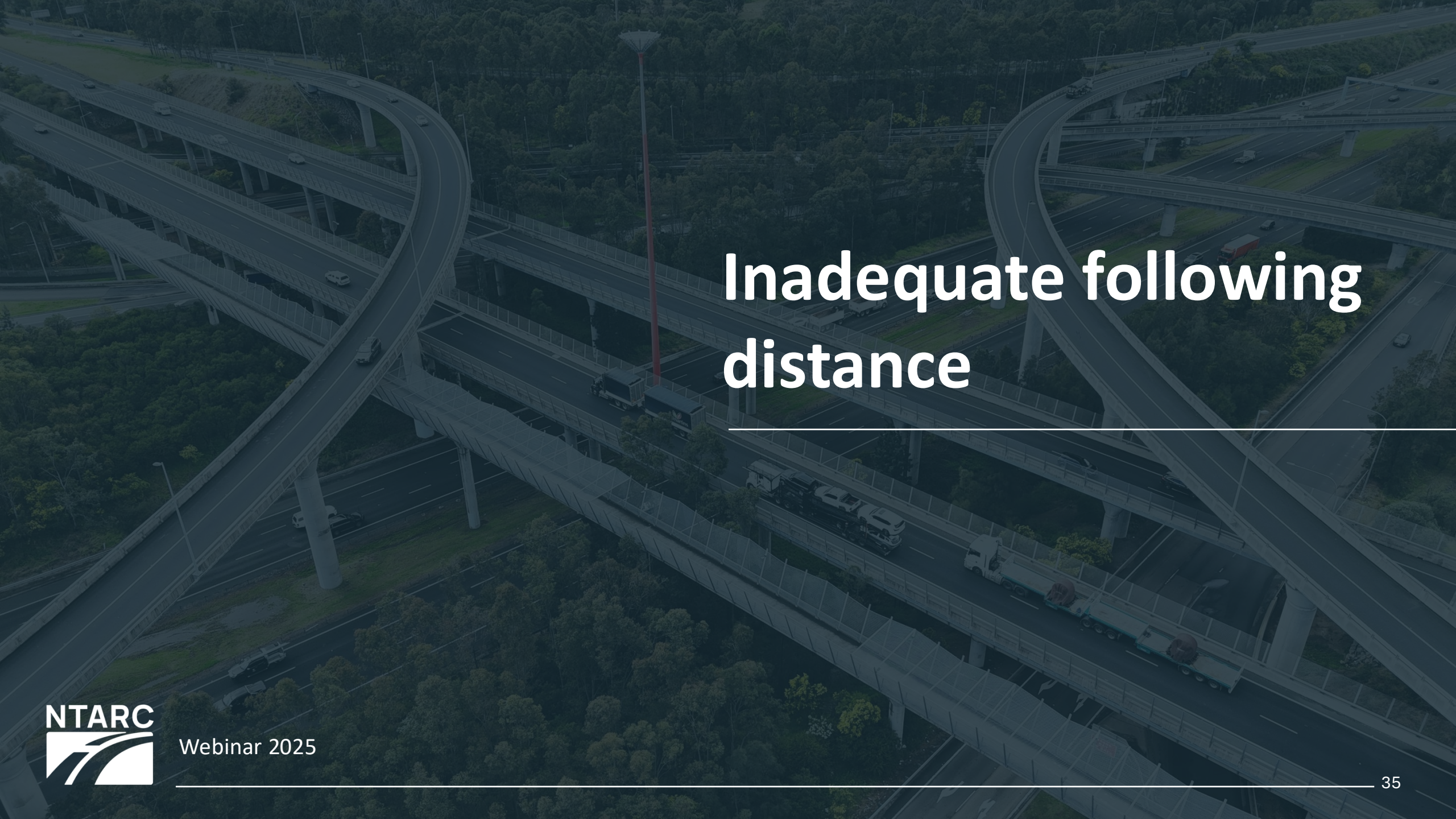
Inappropriate speed incidents were ‘off path on curve’ in 2023.

7.6%

Inappropriate speed incidents
have increase in 2023 from 2019.



Questions?



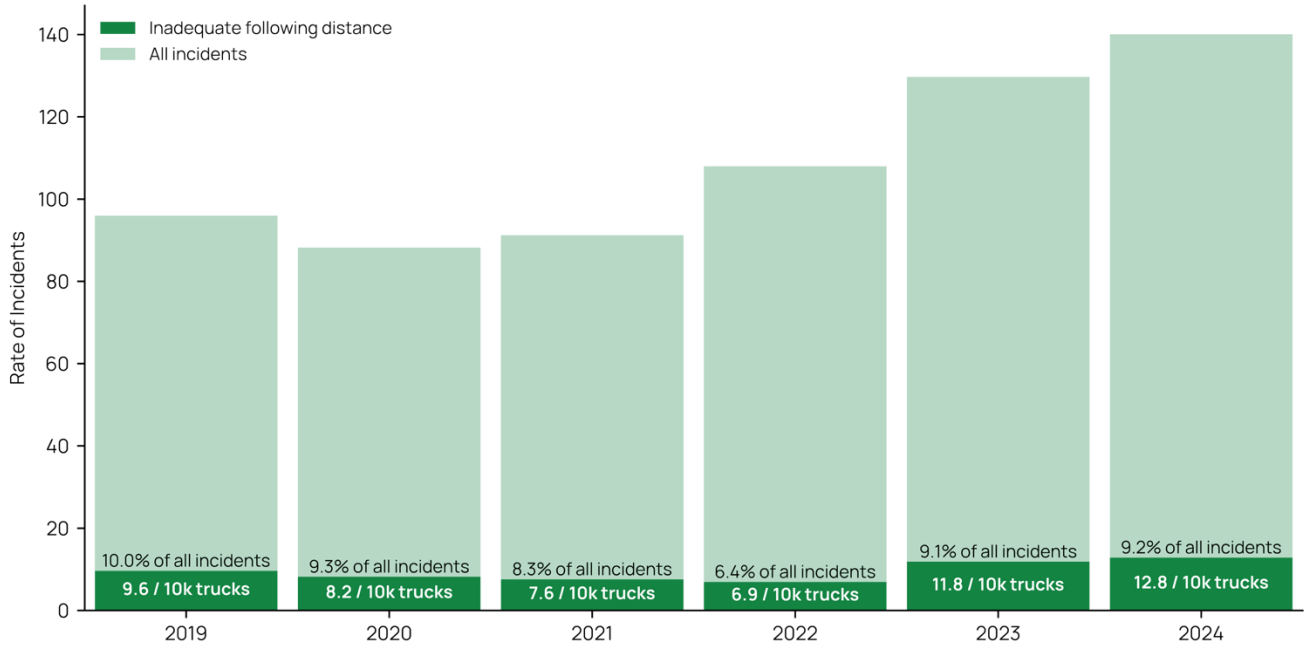
Inadequate following distance

Key Findings

5

Inappropriate Speed-related incidents have remained stable in rate, while their proportion of all major incidents declined to 8.6% in 2024, indicating this crash type has not increased in line with overall incident growth.

Inadequate Following distance



96.3%

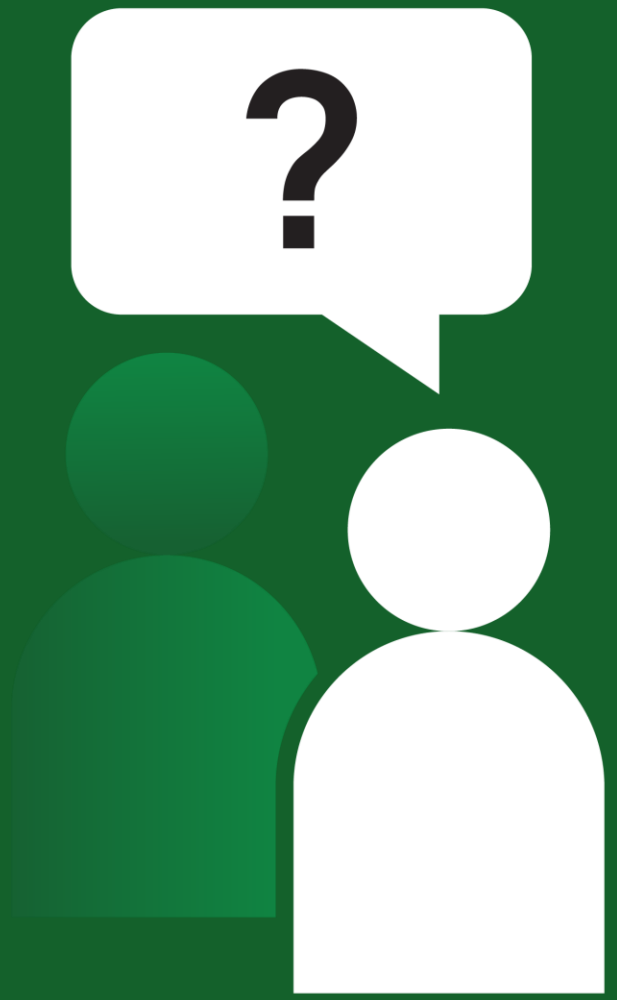
Inadequate following distance incidents were ‘vehicles from same direction’ in 2023.

80.2%

Inadequate following distance incidents occurred in major cities in 2023.

74%

Inadequate following distance incidents have increased in 2023 from 2019.



Questions?

Steering the future

Steering the future

2025 Inclusion Aims

›Tie existing published research into NTARC findings

›Exposure metrics from external datasets

›Link external injury data

›Inclusion of expert industry bodies

›Geospatial analysis

›Figure sample sizes for data subsets

Missing Links

- Injuries
- The effect of incidents on wellbeing
- Vulnerable road users
- Light vehicles
- The safe system
- Safety technologies

NTI Key Messages

NTARC

Further Information

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