



Major Accident Investigation Report

Editions

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Crash 2017

Summary of findings

- 21.4%** Inappropriate speed for the conditions
- 12.2%** Fatigue related truck crashes. Worst result since 2007
- 7.9%** Non-impact fire losses. Remain a concern
- 60%** Of the time the heavy vehicle was at fault in a multi-vehicle collisions
- 93%** Of major crash fatalities found the lighter vehicle to be at fault

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Growth in task Vs crash incidents

- 214 billion** tonne kilometres National Road Freight Task
- 40%** Growth in the freight task
- Australian road freight task has grown to **2,277 million tonnes**
- 46%** Decline in serious crashes (Since 2002) NTI insured vehicles

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Road Transport Fatalities

Long term trends

56% reduction in heavy vehicle involved fatalities in 14 years when corrected for freight growth

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Transport Productivity

Million tonne kms per Employee

Measured on a per employee basis, Australian road freight productivity stalled in 2010, adding \$9.6 billion to the wage cost of moving freight.

| Year | Productivity (Million tonne kms per Employee) |
|------|---|
| 1986 | ~0.4 |
| 1992 | ~0.55 |
| 1998 | ~0.65 |
| 2004 | ~0.75 |
| 2010 | ~0.85 |
| 2016 | ~0.7 |

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Safety powered by technology

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Technology on the road

- Telematics
- Attention Monitoring
- Tyre Pressure Monitoring

Proven Safety

High Productivity Vehicles

48.4%

Lower rates of claim on **B-Doubles** compared to fleet average

Safety powered by people

Risk score vs Claims Performance Matrix

| | | | |
|-------------------|------------|---|---|
| Risk Survey Score | Favourable | Description: Good Documentation Poor Culture Solution: Safety culture | Description: Good Documentation Good Culture Solution: Industry champion |
| | Adverse | Description: Poor Documentation Poor Culture Solution: Intensive intervention | Description: Good Culture Poor Documentation Solution: Business processes |
| | | Claims Performance | Favourable |

So what?

Further research

Taking NTARC further

- Technology: What works?
- 3rd party data: What can we learn?
- Industry Insights: Who does it best?
- You: We're going to need your help

