



mainroads
WESTERN AUSTRALIA

TRANSafe

Mike Buba

23rd Road Transport Industry Safety Forum - 18 September 2019
International on the Water Hotel





Accreditation Review Update

Review Outcomes

- 24 Recommendations across four streams Policy, Legislation, Administration and Audit Management
- Key recommendations include:
 - ✓ Consolidate modules, rules and guides
 - ✓ Develop and optimise online services and electronic workflow (reduction of paper based documentation)
 - ✓ Establish regular training forms to provide guidance to stakeholders
 - ✓ Develop and implement categories for Operators
 - ✓ Develop and implement risk levels and incentives for operators
 - ✓ Maintain current WAHVA requirements in response to any national policy changes
 - ✓ Review the incident investigation process and link to accreditation status
 - ✓ Implement a risk based audit methodology
 - ✓ Optimise quality standards for auditors
 - ✓ Investigate the establishment of an audit panel to be managed by Main Roads

Where to next?

- The Review Report, including recommendations, have been accepted by the Ministerial Heavy Vehicle Advisory Panel.
- Advice on the review outcomes and implementation approach is being prepared for the Minister.
- As part of the implementation plan a stakeholder reference group will be established.
- Any enquiries can be sent to Phoebe Flinn phoebe.flinn@mainroads.wa.gov.au
- HVS would like to thank the **Transafe** for their valuable feedback and participation during the review process.



National Reviews

- NTC carrying out review of HVNL
- Drafting of HVNL to commence in 2020/21
- 8 Issues Papers:
 - A risk-based approach to regulating HV's;
 - Effective Fatigue Management;
 - Safe People and Practices;
 - Easy Access to suitable routes;
 - Vehicle standards and safety;
 - Effective enforcement;
 - Assurance models (Accreditation);
 - Other policy Issues.
- Public Submissions invited www.hvnlreview.net.gov.au
- Regulatory Issues Statement – early / mid 2020
- National Reviews of OSOM, Freight Supply Chain Strategies, Accreditation, Fatigue, IAP, EWDs

WA's Position

- Mandatory Accreditation essential
- Only 5% of Road Transport is interstate
- More productive vehicles
- Fatigue laws under OSH – more flexible
- More flexibility in changes to Regulations
- Close relationship with Industry





STATE-WIDE INTERCEPTS (Sept 18-Aug 19)

OFFENCES DETECTED (PERCENTAGE OF TOTAL OFFENCES)

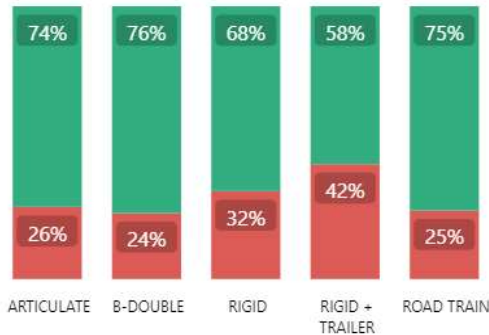


OFFENCE LOCATIONS



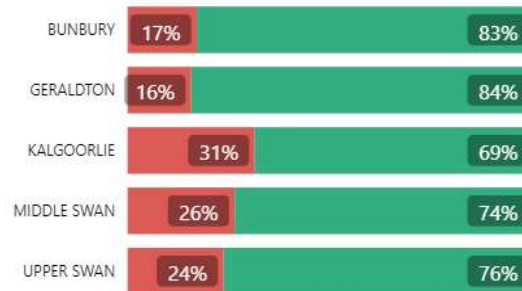
VEHICLE COMBINATION COMPARISON

Compliant? ● False ● True



LOCATION COMPARISON

Compliant? ● False ● True



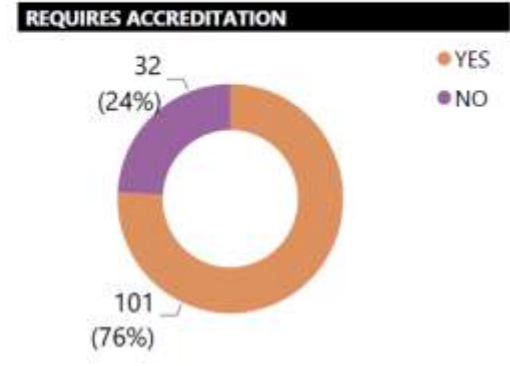
COMMODITY COMPARISON

Compliant? ● False ● True



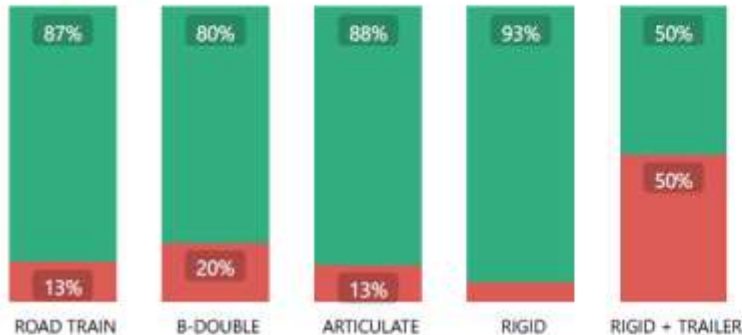


EUCLA ROADBLOCK (February 2019)



VEHICLE COMBINATION COMPARISON

Compliant? ● NO ● YES



COMMODITY COMPARISON

Compliant? ● NO ● YES

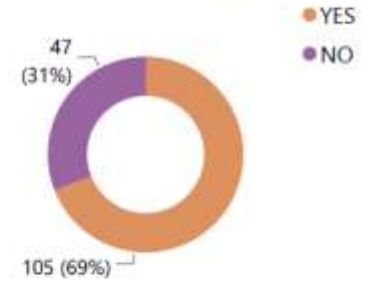




CARNARVON ROADBLOCK (April 2019)

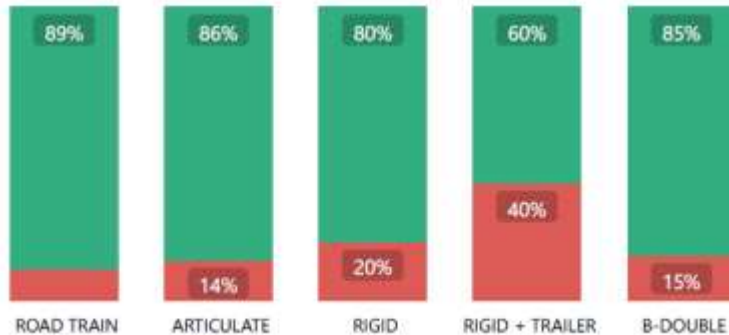


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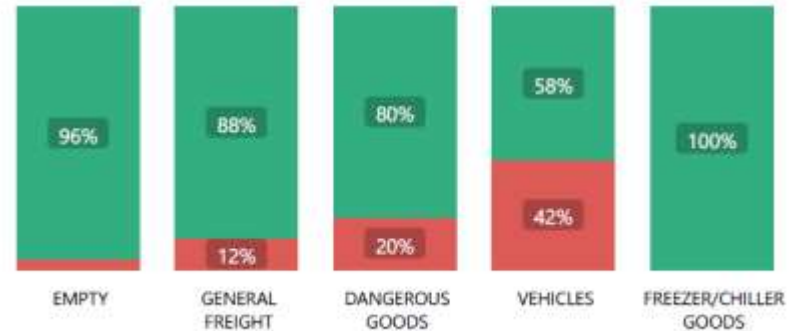
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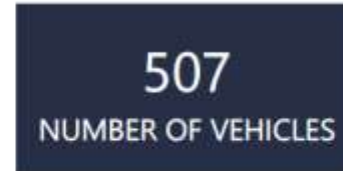
COMMODITY COMPARISON

Compliant? ● NO ● YES

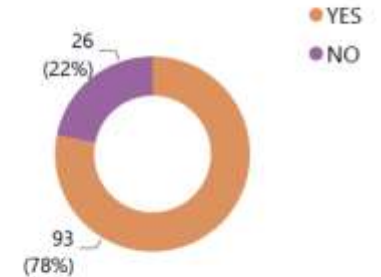




PORT HEDLAND ROADBLOCK (May 2019)



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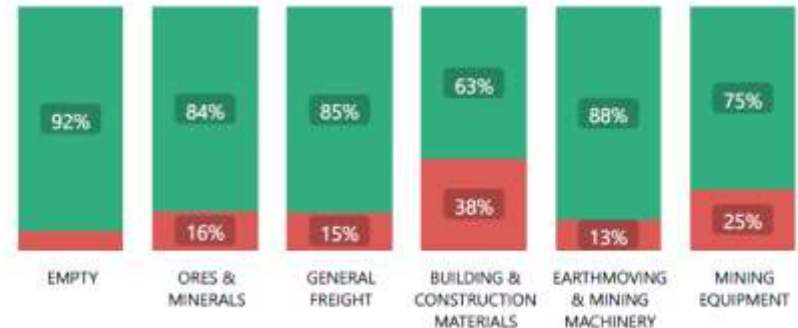
VEHICLE COMBINATION COMPARISON

Compliant? ● NO ● YES



COMMODITY COMPARISON

Compliant? ● NO ● YES

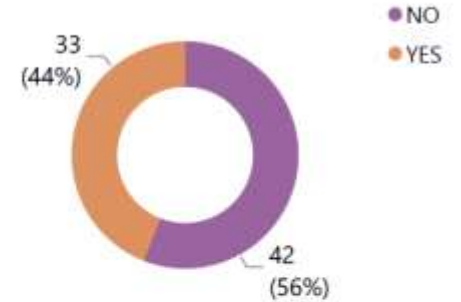




KUNUNURRA ROADBLOCK (June 2019)

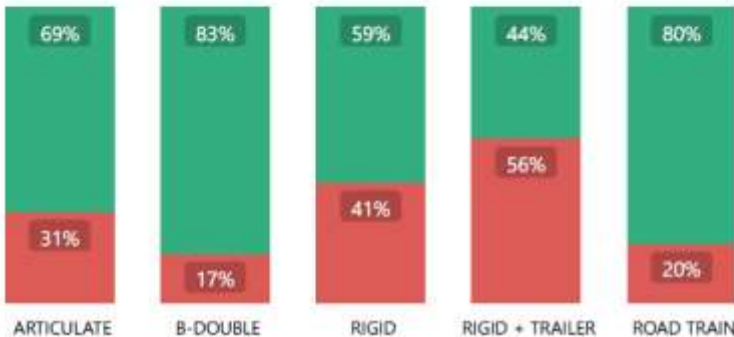


REQUIRES ACCREDITATION



VEHICLE COMBINATION COMPARISON

Compliant? ● NO ● YES



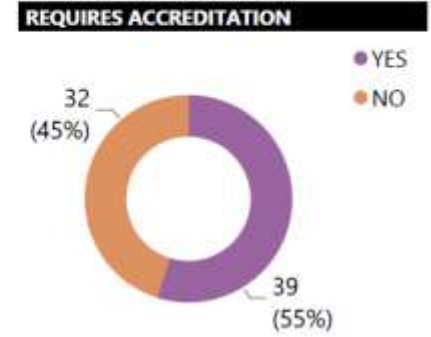
COMMODITY COMPARISON

Compliant? ● NO ● YES



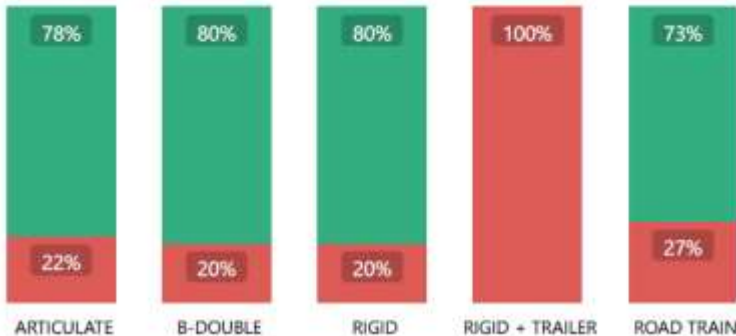


KUNUNURRA ROADBLOCK (August 2019)



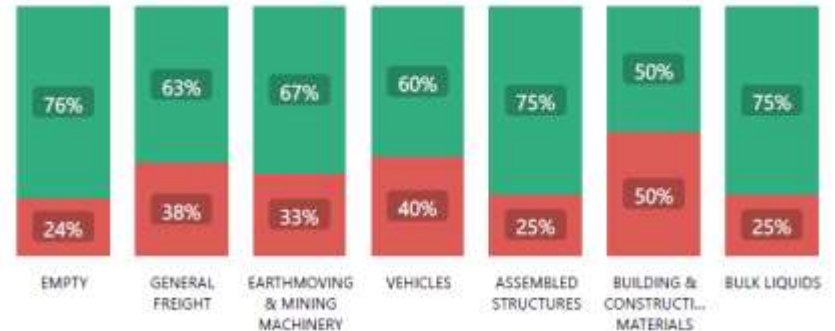
VEHICLE COMBINATION COMPARISON

Compliant? ● NO ● YES



COMMODITY COMPARISON

Compliant? ● NO ● YES





Rest Areas

2017-18 Activity:

Great Southern

- Albany Highway (at the turn off to the Cranbrook town site)
- South Coast Highway (east of Jerramungup)

Mid-West Gascoyne

- Great Northern Highway (between Wubin & Kumarina)
- Brand Highway (south of Geraldton)
- North West Coastal Highway

Goldfields Esperance

- South Coast Highway (near Esperance)
- Leonora Laverton Road
- Mt Magnet Leinster Road (Sandstone to Leinster)
- Goldfields Highway (Leinster to Wiluna section)

Wheatbelt

- Wongan Hills Calingiri Road (near Calingiri)
- Midlands Road (north of Moora)
- Collie Lake King Road (completion August 2019)
- Northam Pithara Road (completion August 2019)

Pilbara

- Port Hedland Road Train Assembly Area

2019 and beyond:

- As part of the Heavy Vehicle Safety and Productivity Program (Round Six) Main Roads recently announced more than \$11 million to construct:
 - ✓ 3 heavy vehicle bays in the Mid-West Gascoyne (Brand Highway Arrowsmith and North West Coastal Highway - Northampton)
 - ✓ 2 heavy vehicle bays in the Great Southern (Brookton Highway - Mount Madden and South Coast Highway - Munglinup)
 - ✓ 1 heavy vehicle bay on Goldfields Highway - Kambalda
 - ✓ 1 road train assembly area on Madigan Road in Gap Ridge (Pilbara),
 - ✓ Upgrades to the heavy vehicle bay on North West Coastal Highway - Mardie

Major Infrastructure Projects – Metropolitan

Northlink WA

- Southern Section (Guildford Road to Reid Highway) – complete.
- Central Section (Reid Hwy to Ellenbrook) – started early 2017; expected to complete 2019.
- Northern Section (Ellenbrook to Muchea and Muchea RTAA) – started late 2017; expected to complete late 2019.

Tonkin Hwy Projects

- Planning and development is underway.
- Construction timeline is subject to environmental and statutory approvals and finalisation of project scope.

The Tonkin Gap – GEH to north of Guildford Rd

- Existing 36.5m RAV network up to Collier Road - no change.
- However, no 36.5m connectivity to NorthLink via Tonkin Hwy until completed.

The Tonkin Hwy Corridor – Roe Hwy to Kelvin Rd – Tonkin/Hale, Tonkin/Kelvin, Tonkin/Welshpool

- New interchanges for Tonkin Hwy at Kelvin Rd and Welshpool Rd, and a new flyover at Hale Rd.
- HVS is currently assessing for 36.5m RAV access on Tonkin Hwy.

Tonkin Hwy Extension – Thomas Rd to SWH

- HVS is planning for 36.5m RAV access.

Reid Hwy Dual Carriageway

- Expected to complete mid-2020.
- HVS is planning for 36.5m RAV access.



Major Infrastructure Projects – Regional

GEH Walgoolan to Southern Cross - upgrade GEH between Walgoolan and Southern Cross

- Construction commenced late-2018 and is expected to be completed mid-2020.
- No change to 36.5m RAV access.

Muceha to Wubin

- Stage One - Great Northern Highway Muceha to Wubin (76 km) of the highway upgraded.
- Stage Two – In 2014 a comprehensive planning review was undertaken of the full Muceha to Wubin link along the highway.
- HVS is planning for 53.5m access once all required improvements completed, including Bindoon bypass.

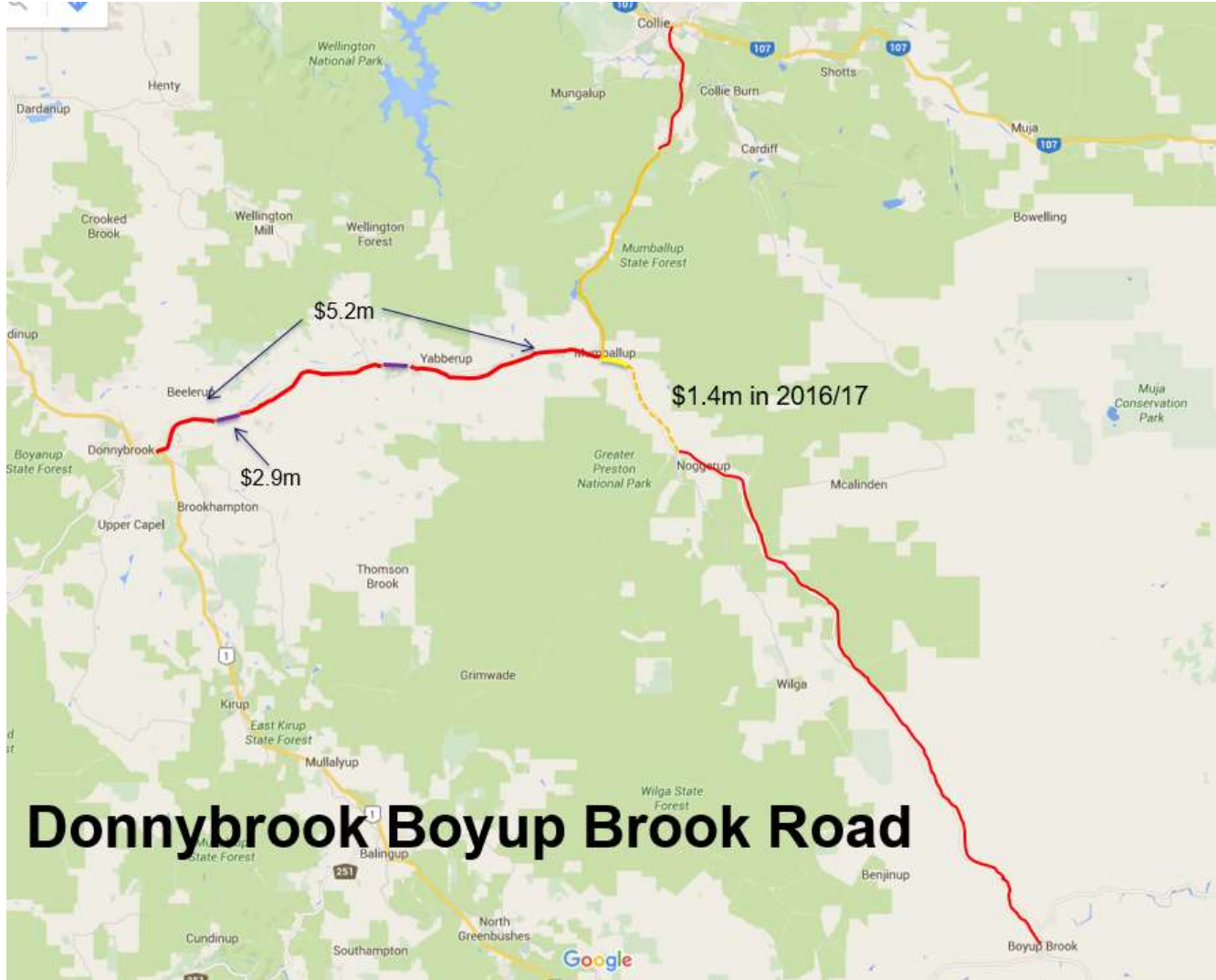
Bunbury Outer Ring Road

- Construction will commence 2020.
- HVS is planning for 36.5m RAV access.

Albany Ring Road

- **Stage One:** Chester Pass Road to Albany Highway on Menang Drive - Completed in 2007.
- **Stage Two:** George Street through to Princess Royal Drive.
- **Stage Three:** Albany Highway to Lower Denmark Road via Link Road / George Street.
- Stage Two and Three currently in project development to enable construction to begin.
- HVS is planning for 36.5m RAV access.

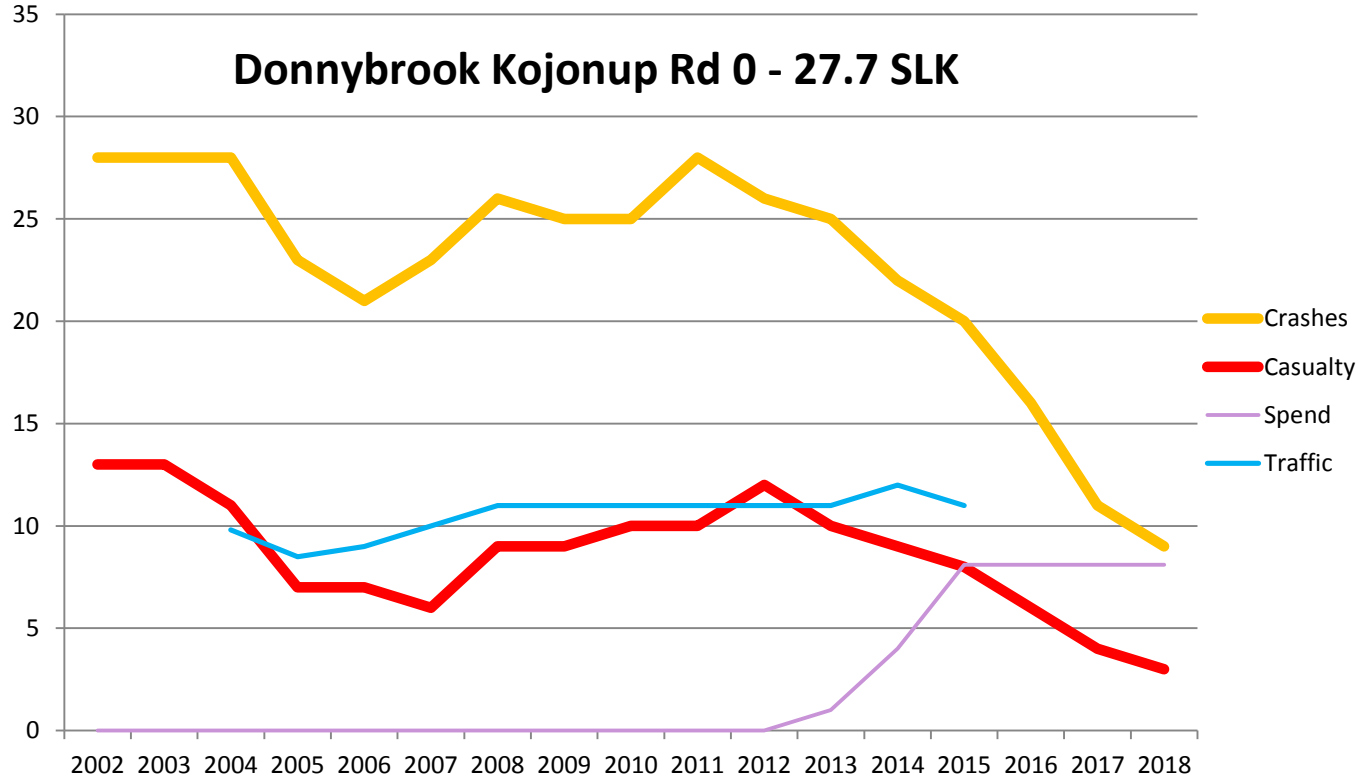




Donnybrook Boyup Brook Road



Donnybrook Kojonup Road - Donnybrook to Mumballup



Before and After Donnybrook Kojonup Rd – 1.49 SLK



Before and After Donnybrook Kojonup Rd – 13.41 SLK





Before and After Donnybrook Kojonup Rd – 17.47 SLK





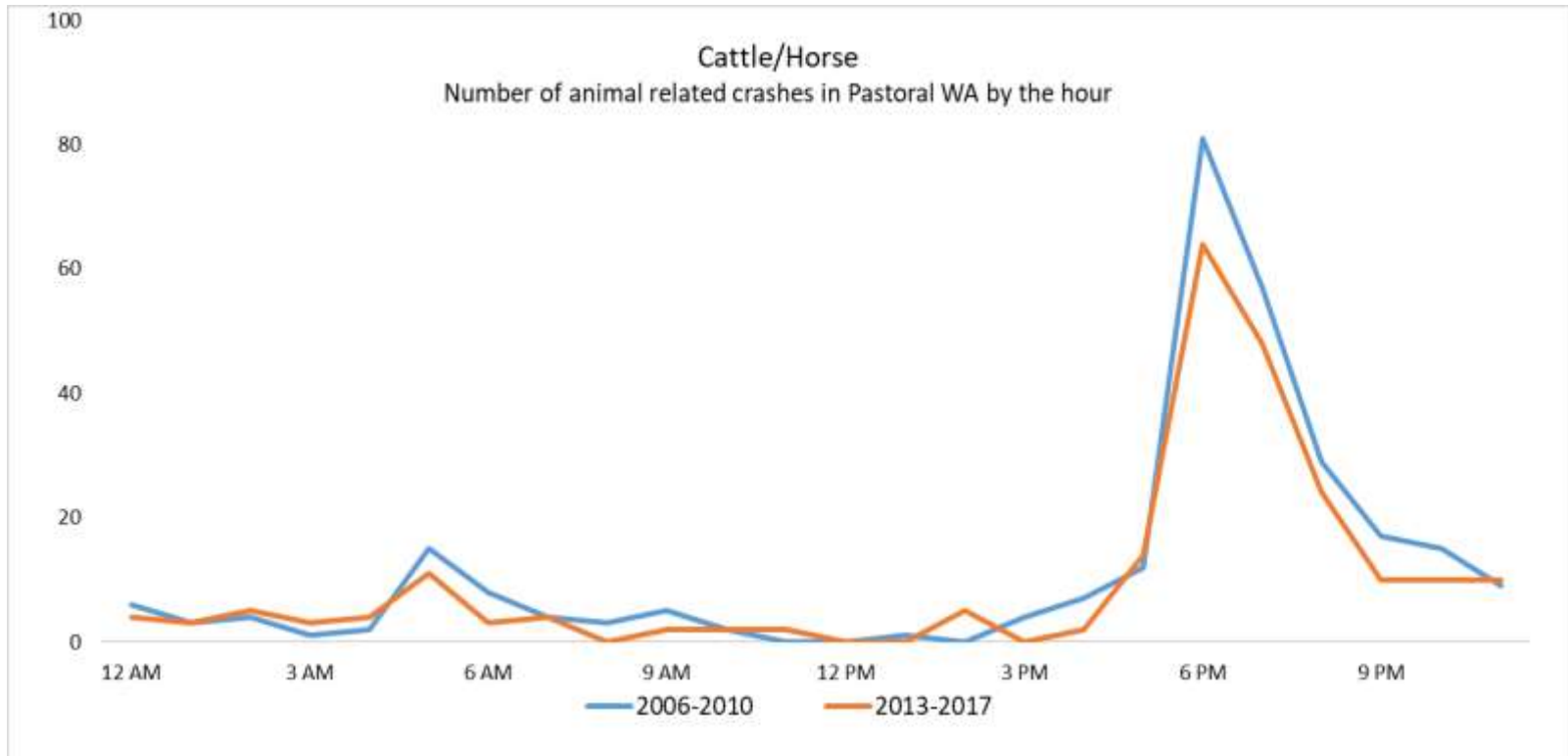
Pastoral Animal Hazard Advisory Group

Objectives

- To understand the safety performance and outcomes achieved from fencing;
- To discuss and agree on the requirements animal hazard mitigation measures in pastoral areas;
- To explore supplementary and alternative approaches to animal hazard mitigation;
- To examine and explore options for the provision and maintenance of animal hazard mitigation measures in pastoral regions;
- Achievements reported as required; and
- To provide a forum for discussion between key stakeholders.



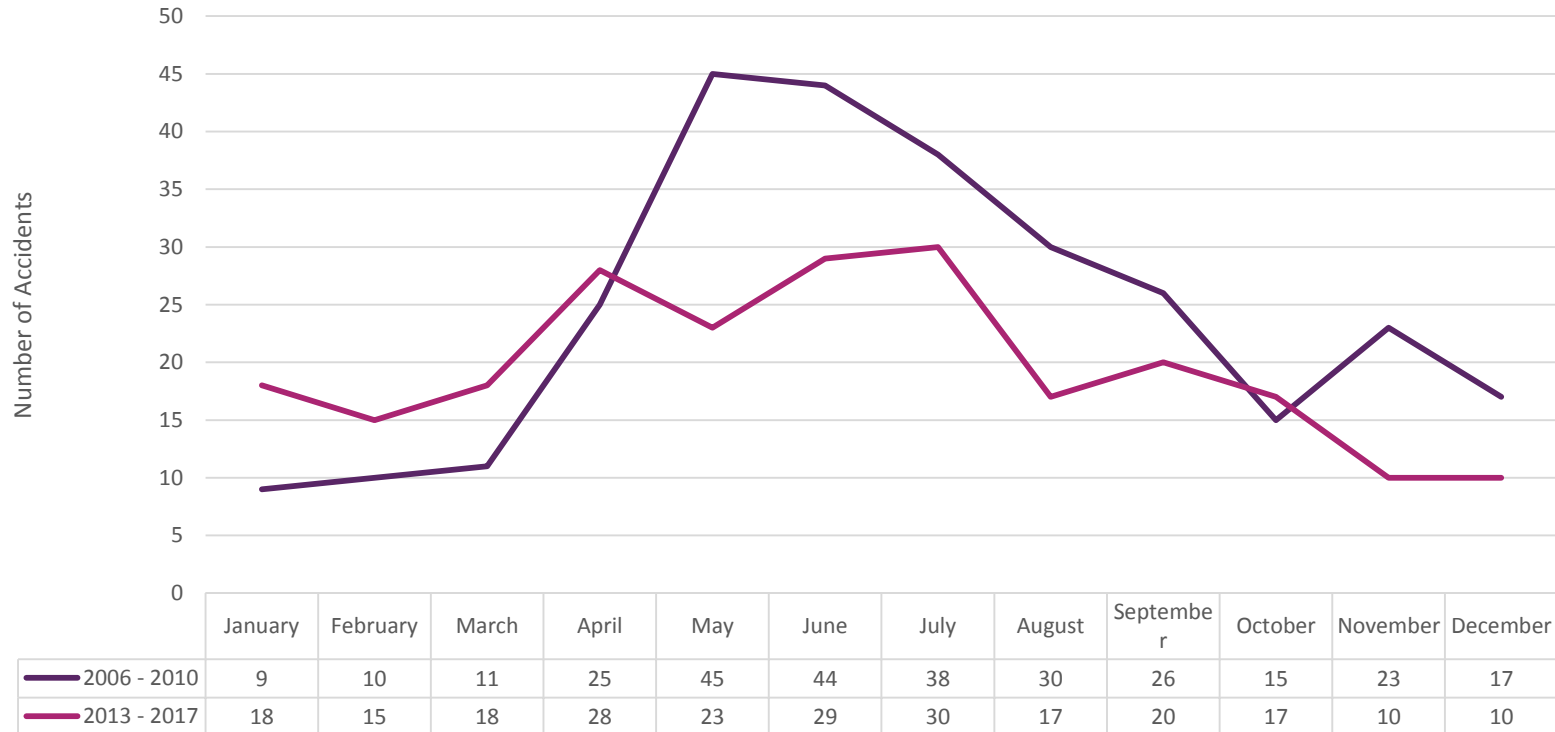
Comparison of Accident Statistics (2013–17 vs 2006-10)





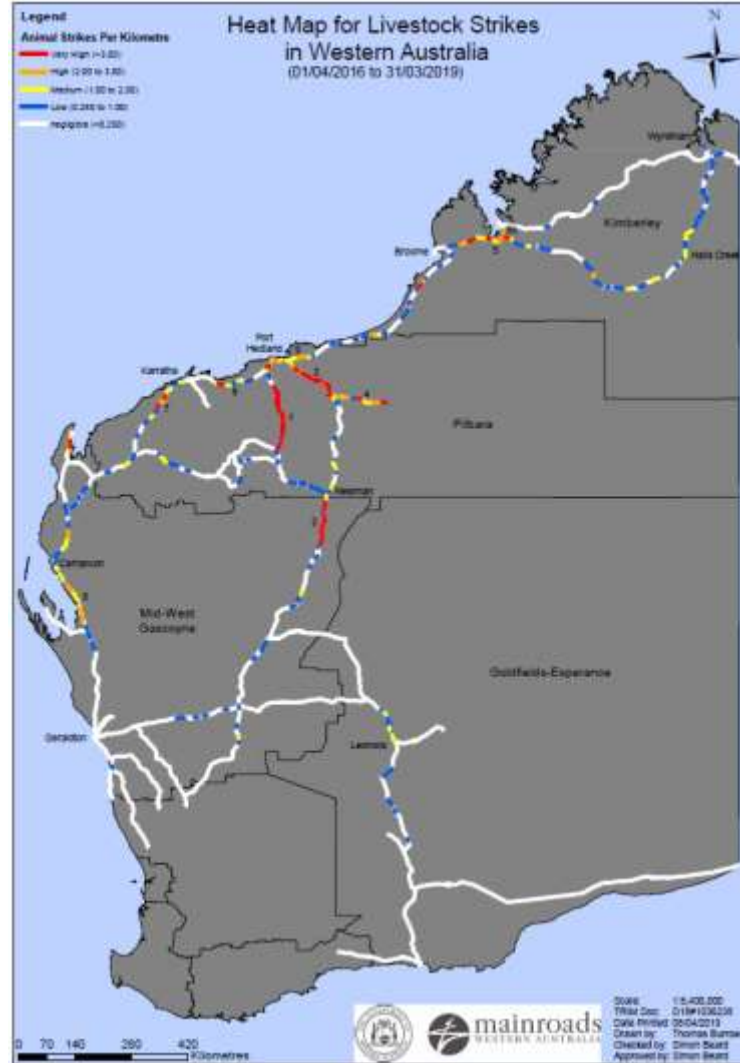
Comparison of Accident Statistics (2013–17 vs 2006-10)

Number of animal related crashes in regional WA by Month



Animal Strike Heat map

- Animal Strike data (30/03/2016 to 30/03/2019)
- Funding for Fencing Agreements evaluated through animal strike Hotspots
- 1 critical Hotspot located in the Kimberley 'Hotspot No.5'





Straying Cattle Campaign Background

- 2011 - Fencing Road Reserve in Pastoral Regions Working Group established
- 2012 – Report to HMT, recommendation for Advisory Group
- 2012 - Advisory Group for the Management of Straying Stock in Pastoral Regions established
- 2013 - Animal Hazard Mitigation Program established \$12m
- 2015 – Advisory group last meeting
- 2016 – Hooves & Horns –Kimberley Roadwise campaign
- 2015/16 – Funding extended (~\$6m spent)
- 2017- 2018– increased media, parliamentary, and public attention on straying cattle crashes
- 2018 - Pastoral Animal Hazard Advisory Group (PAHAG)



Pastoral Animal Hazzard Advisory Group

- Members:
 - Main Roads WA (MRWA) (Chair of working group)
 - Department of Primary Industries and Regional Development (DPIRD)
 - Department of Biodiversity, Conservation and Attractions (DBCA)
 - RAC
 - Road Safety Commission (RSC)
 - Pastoral Lands Board (PLB)
 - Pastoralists and Graziers Association (PGA)
 - Western Australian Local Government Association (WALGA)
 - WA Police Force (WAPOL)



Outcomes

Outcomes since the group was reconvened include:

- Review of progress made with regard to number and severity of incidents involving cattle strikes;
- Information gathering with regard to reflective tag feasibility;
- Development of a communication strategy ; and
- Communication with pastoralists at Hotspot locations.

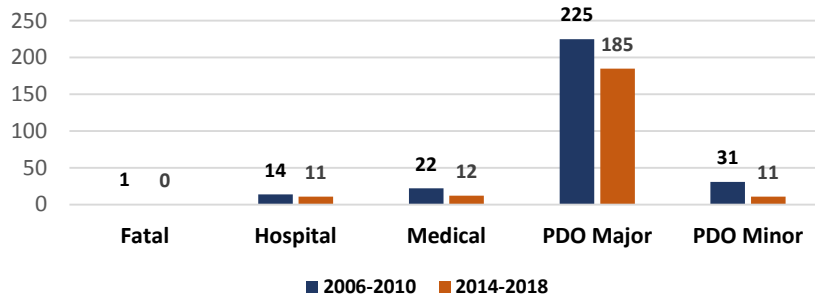
Further areas of focus can be broken down into the following:

- review of:
 - existing policy and practice;
 - economic and safety benefits of treatments are being realised;
 - stakeholder responsibilities in managing and mitigating risks;
- identification and review of alternative treatments or initiatives;
- identification and funding opportunities and mechanisms;
- design of mitigation measures; and
- the effects on livestock welfare

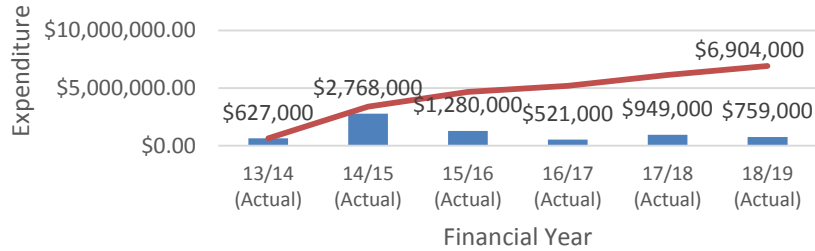


Three Key Graphs

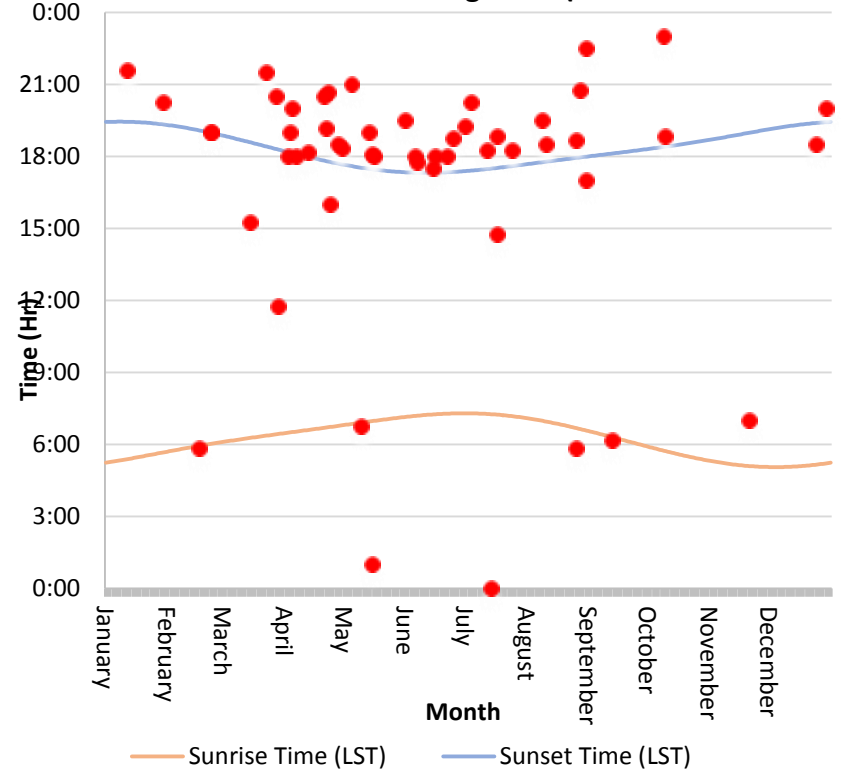
Pastoral Animal Related Crash Severity - State roads



Animal Hazard Mitigation Program - Spend Profile



Cattle strikes along H006 (SLK 2161.72 to 2305.3)





Budget and Timing

- Campaign has been developed that will be in market late March – May 2020
- \$120,000 (plus contingency \$30k)
- Mix of radio, billboards, retail, cinemas, print (which includes DL flyers, & posters) and social media.
- Distribution of print via roadhouses, tourist centres, accommodation providers, car hire companies, agricultural shows

Education Campaign



Local or not, when you're in the bush driving is a fact of life.

We share the roads not just with each other but with wildlife and livestock and they tend to be more unpredictable than most road users.

As drivers, particularly at times of the day when there is more livestock around, we must keep that in mind.

Because hitting livestock kills – and that's not just the animals we hit.

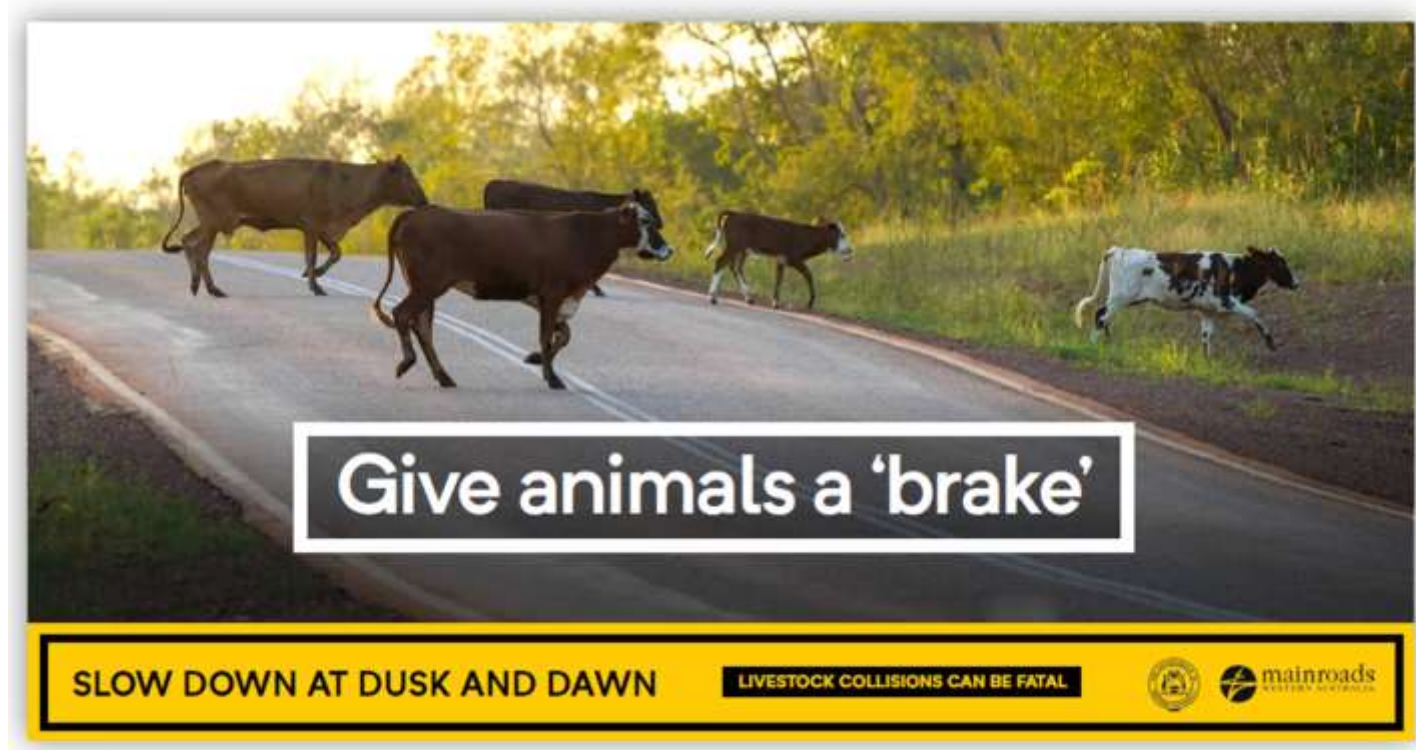


Approach

- Locals
- Kimberley, Pilbara, Mid-West Gascoyne and Goldfields regions of Western Australia.
- This campaign is primarily targeted at local people and not tourists as the Hooves and horns covers this group.
- We know that the message to not drive at dusk at dawn is ineffective, people will continue to travel during these times, so this campaign focusses on taking extra care during those times
- Continuous reinforcement of the message and image

Channels

- Billboards
- Posters
- Facebook
- DL Flyers
- Radio



Billboards

- 3 months in market

Outdoor

Suggested format 1: Roadside Billboards

Locations:

Broome | Newman | Port Hedland
| Karratha | Carnarvon |
Geraldton | Kalgoorlie | Esperance



Roadside Billboards are a great way to reach the local residents and tourist travellers alike. The nominated locations were selected based on close proximity to the Budget and Hertz car rental regional offices as well as the key cultural/high traffic hubs in each regional area – this format is designed to maximise reach and drive awareness.

Retail

- 2 Fortnights over 2 months

Outdoor

Suggested format 2: Retail

Locations:

Newman | Port Hedland | Karratha |
Carnarvon | Geraldton | Kalgoorlie |
Esperance



Given the pedestrian traffic exposure and longer dwell times, Retail is one of the best environments to engage audiences who frequent the regional shopping hubs. The key target groups include the local residents and the tourist/ visiting audience.



Social Media



Target audience

People aged 18+ in the Kimberley, Pilbara and Midwest regions (residents and visitors) excluding people once they visit the website

Audience size: 110,000



Social Media



Mainroadsw

Sponsored •



Livestock collisions can be fatal for drivers, passengers and animals. Remember to give animals a 'brake' and slow down at dusk and dawn.





Print

- DL Flyers
- A3 & A1 posters

Available at:

Regional offices, roadhouses, tourist centres, accommodation providers, car hire companies, agricultural shows etc



Pull up Banners

- Intended to attract the public, create conversation
- Regional Shows, reception areas



Questions?