



Fact sheet - Work related road safety

Number 9, 2014

Part of the [Tranzinfo Hot Topics](#) series, this fact sheet offers a selection of research material on work related road safety. Workplace road safety is a serious issue in Australia. It has been estimated that work related road crashes account for about half of occupational fatalities and 15% of all road deaths. This fact sheet considers research that seeks to improve work place road safety including driver behaviour and education, vehicle selection and fleet management and strategic planning; all aimed at reducing the number of road deaths of employees.

Reports

Work related road safety

Small M, Bailey T, Lydon M

2014, Royal Automobile Club of Victoria (RACV) Ltd

This report provides an overview of the work related road safety problem, including a review of vehicle technologies and driver based safety initiatives, a summary of discussions with key business stakeholders and an outline of best practice principles for organisations.

[View here](#)

Strategic review of the management of occupational risk

Helman S, Christie N, Ward H, Grayson G, Delmonte E, Hutchins R

2014, Transport Research Laboratory (TRL), Report number PR699

This report provides a strategic review of the UK Management of Occupational Road Risk (MORR) since its inception in the 1990s. The report also provides recommendations for action that will enable the MORR to continue, potentially with a wider uptake.

[View here](#)

Work related road safety in South Australia

Mackenzie JRR, Searson DJ, Anderson RWG

2013, Centre for Automotive Safety Research (CASR), CASR116

This report presents a broad investigation of work related road safety in South Australia including an international review of literature, an analysis of the burden of light vehicle crashes in SA from 2006-2010 and an analysis of the crash and injury experience of a large government vehicle fleet.

[View here](#)

A gap analysis of work related road safety in the UK: working towards a national standard

Helman S, Buttress S, Hutchins R

2012, Transport Research Laboratory (TRL), PPR626

This paper considers the development of a national safety standard in the UK for work related road safety. The paper includes a summary of stakeholder interviews and a discussion of whether a national standard should be stand alone or support ISO 39000.

[View here](#)

Articles

Work related road traffic injury – a multilevel systems protocol

Newman S, Sheppard DM, Griffin MA, McClure RJ, Heller G, Sim MR, Stevenson MR

Injury Prevention, 2014, iFirst

This article outlines a proposed project in work related road safety, which will involve surveying people in the workforce using a three-tiered approach: driver-level, supervisor-level and organisational-level. The project aims to identify organisational elements that affect road safety.

How can the safety culture perspective be applied to road traffic?

Nævestad T, Bjørnskau T

Transport Reviews: A Transnational Transdisciplinary Journal, 2012, 32(2), 139-154

This paper considers whether the concept of safety culture, typically applied to organisations, can be applied in a road safety context and examines whether targeted traffic interventions can be applied using this model.

Conference papers

A national partnership framework to help Australian businesses and organisations develop a positive road safety culture and enhance road safety nationally

Potter J, Carslake J

2013, Proceedings of the Australasian Road Safety Research, Policing and Education Conference

This paper provides a summary of the National Road Safety Partnership Program (NRSP), including the rationale for its development, the purpose and aim of the program and its implementation.

[View here](#)

The role of and key considerations for advertising campaigns and educational awareness workshops within the work related road safety context

Lewis I, Rowland B, Wishart D

2012, Proceedings of the Occupational Safety in Transport Conference (OSIT)

This paper discusses how the broad principles of road safety advertising can be applied to the more targeting work related road safety area. Various advertising measures, such as posters are discussed, as well as driver education awareness workshops.

[View here](#)

Evaluation of fleet road safety interventions

Darby P, Quddus MA, Murray W, Raeside R, Ison S

2011, Proceedings of 90th Annual Meeting of the Transportation Research Board

Washington DC

This paper analyses over 40,000 work related insurance claims and considers the various interventions for reducing such claims including driver training and risk assessments.

Safer vehicle fleet – the success of a focused new vehicle purchasing policy

Leyson M

2010 Proceedings of the Australasian Road Safety Research, Policing and Education Conference

This paper outlines the Department of Planning, Transport and Infrastructure (SA) fleet policy, which has been developed to ensure safer vehicles are purchased and contain both active and passive safety features.

[View here](#)

TranzInfo Hot Topics

Useful websites

The National Road Safety Partnership Program (NRSPP)

The NRSPP is a collaborative network allowing businesses to communicate and share work related road safety strategies and policies.

SafeWork

Safe Work Australia is the national body responsible for work health and safety policy. The website includes statistics of road related injuries and fatalities as well as Codes of Practice and other policy material.

This fact sheet was produced by the *Centre for Automotive Safety Research* library, part of Tranzinfo, the Australian and New Zealand network of land transport libraries.

Australia

Air Services Australia
ARRB Group, MG Lay Library
Centre for Automotive Safety Research Library
Commonwealth Department of Infrastructure and Regional Development Library
Hargrave-Andrew Library, Monash University
Hobart City Council Corporate Library
Jacobs Library
Main Roads Western Australia Library
Queensland Department of Transport and Main Roads Library
Transport Library, Transport for NSW
SA Department of Planning, Transport & Infrastructure Library
SMEC Library
Tasmanian Department of State Growth Library
University of Tasmania Launceston Campus, incorporating former Australian Maritime College Library
Victorian Government Library Service
WA Department for Transport Library

New Zealand

Ministry of Transport Library
New Zealand Transport Agency Library
Opus International Consultants Library
Traffic Design Group