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Truck driver fatigue risk assessment and management: a multinational survey.

Adams-Guppy J¹, Guppy A.

Author information

Abstract

As part of an organizational review of safety, interviews and questionnaire surveys were performed on over 700 commercial goods drivers and their managers within a series of related companies operating across 17 countries. The results examine the reported incidence of fatigue-related problems in drivers and their associations with near miss and accident experience as well as work and organizational factors. Experience of fatigue problems while driving was linked to time of day and rotation of shifts, though most associations were small. There were significant associations found between fatigue experiences and driver and management systems of break taking and route scheduling. The quantitative combined with qualitative information suggested that, where feasible, more flexible approaches to managing the scheduling and sequencing of deliveries assisted drivers in managing their own fatigue problems through appropriate break-taking. The results are interpreted within the overarching principles of risk assessment and risk control.

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