

Injuries Reported in Frontal Impacts in Swedish Accident Data

Presentation to GRSP Informal
Group on Frontal Impact

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Purpose

- » Investigate injury data for vehicles reported in Sweden
 - » Identify if newer vehicles have introduced any critical changes to personal injuries

Material

- » Swedish accidents reported in the STRADA database
 - » Linked hospital and police data
 - » Provides AIS injury information
 - » No definition of accident severity (EES, ΔV , etc.)
 - » No confirmation of seatbelt use in database

Conclusions

- » The material contained interesting information on injuries but could not be applied in current GRSP activities
 - » No information on impact severity (needed to identify test severity requirements)
 - » Limited information for newer vehicles (needed to identify exposure and establish injury rates)
- » Information has application in compatibility studies when comparing vehicle-vehicle impacts