



European Union Road Federation

Improving our understanding of Crashes
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The European Union Road Federation (ERF):

- Brussels based non-profit organisation
- Defends the road infrastructure sector
- More than 50 members from 15 European countries



ERF Programmes:

- Road Safety
- Sustainability
- Intelligent Roads and Financing



The need for in-depth statistics

The RISER project

- Road Infrastructure for Safer Roads
- Co-financed by European Commission (FP5)
- Duration: 2003 – 2006
- 10 partners including ERF and VSRC



The need for in-depth statistics

The RISER project

- **Objective:** to develop set of best practices that will improve the state of road side safety in Europe
- Only possible with the availability of in-depth statistics!



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The RISER project

Table 1. Number of cases from each contributor to RISER Statistical Database

Country	Participant	Number of accidents
Austria	TUG	17 000
Finland	HUT	5 000
France	CETE	52 000
Spain	CIDAUT	68 000
Sweden	Chalmers	11 000
The Netherlands	TNO	87 000
The United Kingdom	VSRC	24 000
Total number of accidents		264 000



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Criteria for data

- Only single vehicle accidents
- No pedestrians
- Years 1999 – 2002
- Fatal, Serious and Non-injury accidents
- Minor roads excluded
- Urban Roads excluded



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Data Variables

- 14 variables related to accident vehicle and road environment
- 6 variables related to the road user



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Crash Data

- Date
- Time
- Road Type
- Carriageway Type
- Road Condition
- Weather
- Speed Limit
- Light
- No Of Vehicle Occupants
- Accident Type
- Road Alignment
- Hit Object
- Vehicle Type
- Deformation Location

Casualty Data

- Person Class
- Age
- Gender
- Alcohol
- Injury Severity
- Seatbelt Usage



The need for in-depth statistics

Challenges ahead

- DACOTA has definitely improved the data available to policymakers
- Yet, there is a need for a deep understanding and thus, more in-depth data
- **Sky is the limit!**