

# IRTAD

International Traffic Safety Data  
and Analysis Group

## **A comprehensive set of road safety basic statistics in Europe**

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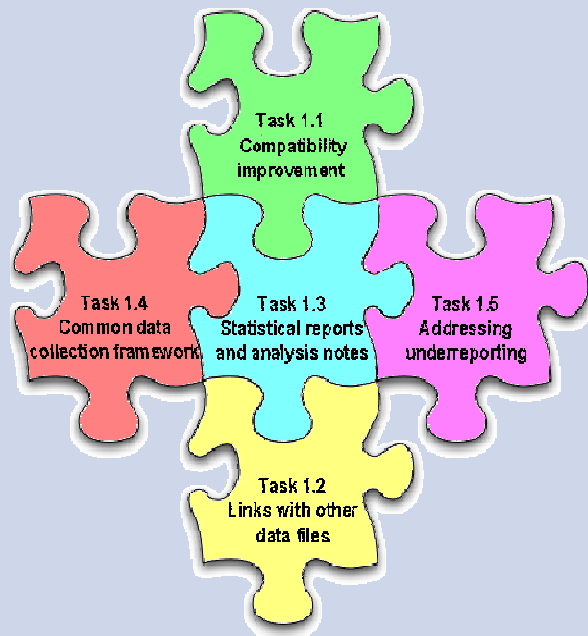


# SafetyNet

## Building the European Road Safety Observatory

Work Package 1 Task 1.3

Development of Statistical Reports and Analysis Notes



### Objective

- Production of a comprehensive set of end products with compatible statistics.
- Enhancement and further exploitation of the CARE system.

### Partners

- KfV
- NTUA
- SWOV
- TRL

# Preparation phase

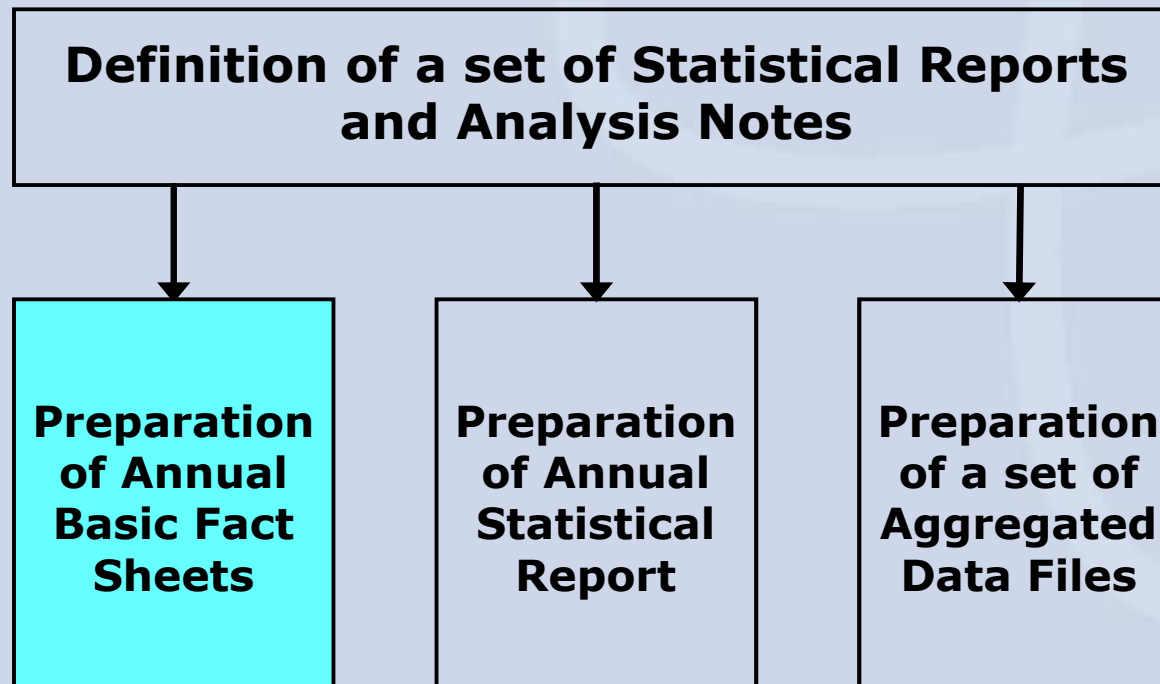
Evaluation of several  
existing databases:

(FARS, CARE, UN/ECE,  
WHO, EUROSTAT, IRTAD, ECMT)



Questionnaire:  
Stakeholder needs

(Ministries; Universities; Other institutes...)





# Basic Fact Sheets (1/3)

## Overview

- Description of **basic characteristics**.
- Not including extensive in-depth accident data analyses.

## Methodological aspects

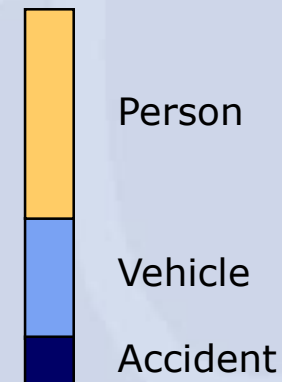
- Use of fatality data.
- Exposure data: EUROSTAT; IRTAD
- Stakeholder needs are the basis for the determination of topics.

# Basic Fact Sheets (2/3)

## Topics

- Topics of Fact Sheets 2005:

- Children (aged <16 years)
- Young People (aged 16-24 years)
- The Elderly (aged >64 years)
- Pedestrians
- Motorcycles and Mopeds
- Car Occupants
- Motorways



- Additional topics of Fact Sheets 2006:

- General overview
- Pedal cycles
- Heavy goods vehicles
- Junctions

# Basic Fact Sheets (3/3)

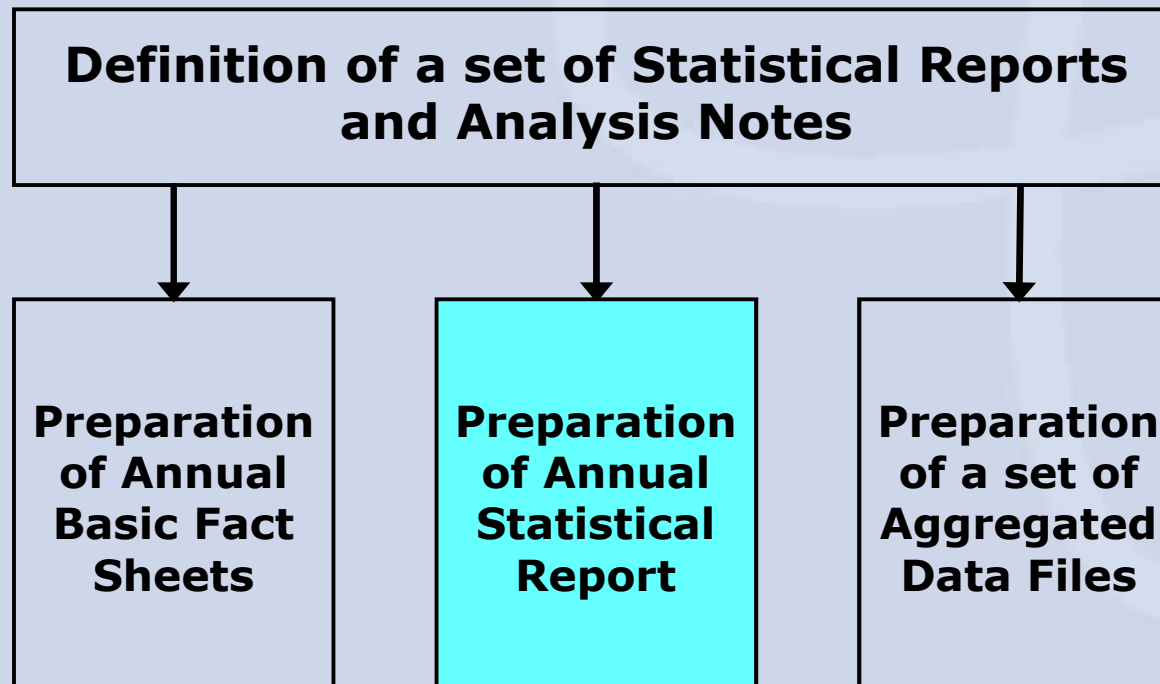
## Contents

- Each Basic Fact Sheet starts with an **overview** showing a **time series** of fatalities within the last 10 years.
- Emphasis is put on the comparison between countries but also between a single country and EU average.
- Text, tables and figures should explain the basic characteristics which are the same all over Europe.

## Constraints/Solutions

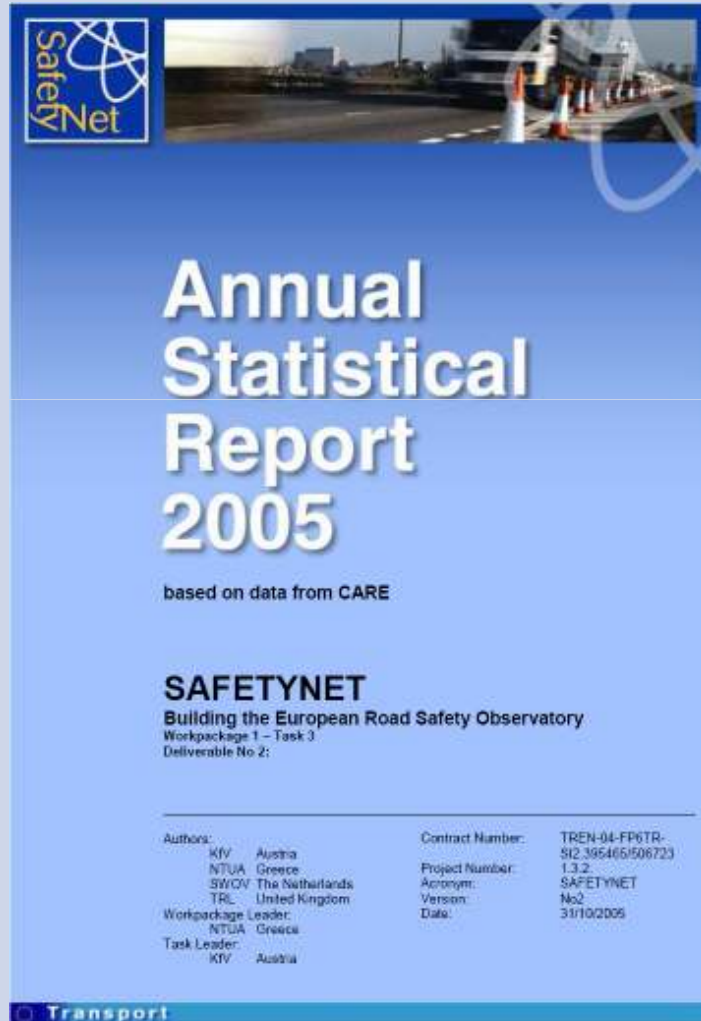
- In the Basic Fact Sheets 2006 mostly data from the year 2004 is used.
- At the moment, the CARE database comprises only 14 Member States of the EU15 countries, as accident data from Germany cannot be included in CARE due to privacy protection issues.





# Annual Statistical Report 2005

Task 1.3  
Statistical reports  
and analysis notes



## DOWNLOAD

ERSO website:  
[www.erso.eu/](http://www.erso.eu/)

CARE Public website:  
[ec.europa.eu/transport/roadsafety/  
road\\_safety\\_observatory/care\\_reports\\_en.htm](http://ec.europa.eu/transport/roadsafety/road_safety_observatory/care_reports_en.htm)

# Annual Statistical Report (1/2)

## Overview

- **Detailed insight** into road accident data in 14 EU Member States.
- Serving as a reference document to retrieve data.
- Not including comments - **only using data/information** comparable among EU countries.

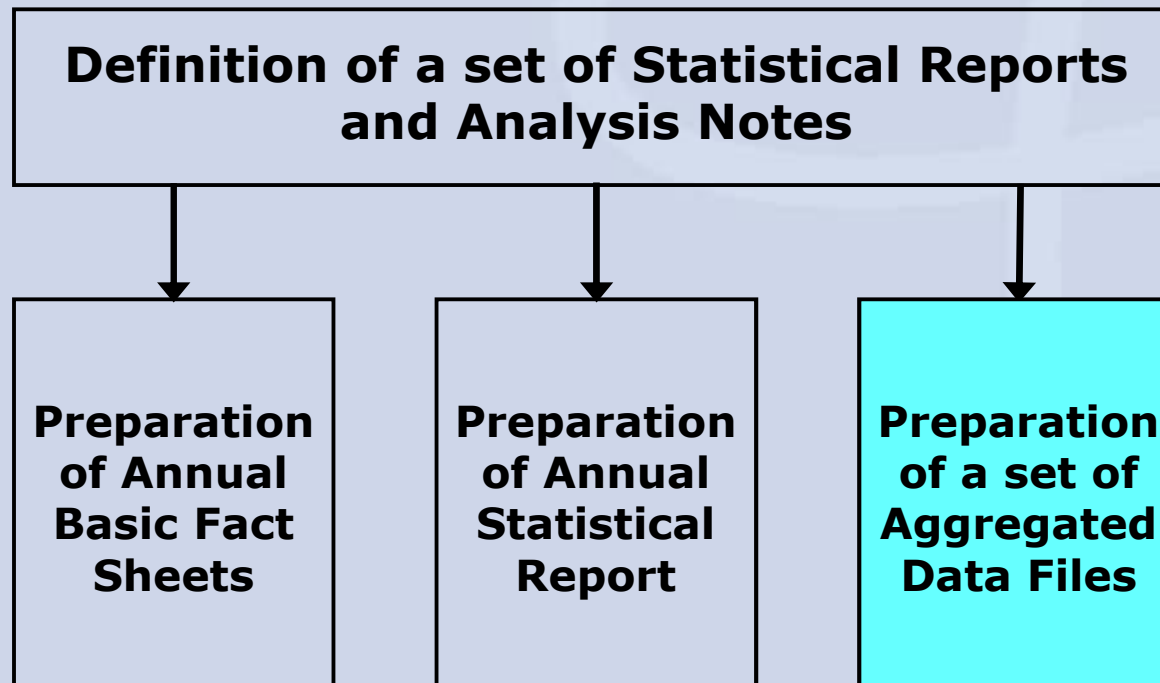
## Methodological aspects

- Content reflects **multi-level structure** of road accident data
  - person related data,
  - vehicle related data and
  - accident related data.
- Using **only data about fatalities and fatal road accidents** due to the increased level of underreporting for other casualty types.

# Annual Statistical Report (2/2)

## Contents

- Contents were determined by a questionnaire filled in by several institutes and ministries in the Member States.
- The Annual Statistical Report consists of the following major parts:
  - Introduction
  - Overview – major issues (figures)
  - Time Series – last 10 years
  - Fatalities 2004
  - Fatal accidents 2004
  - Glossary



# Aggregated Data Files

## Overview

- The creation of Aggregated Data Files is **still under consideration**.
- The idea is to provide road safety experts with an **“easy-to-access” subset** of CARE data.
- Data files will consist of
  - multi-dimensional data and
  - tables based on accident data derived from CARE, allowing users outside the CARE structure to have access to aggregated accident data at European level.
- **Size and exact content and number of variables will be considered** in close co-operation with the EC.

# Conclusions

- Road safety information needs to have more ways to reach the public.
- The partners within Work Package 1 Task 3 of SafetyNet used three possibilities to assemble such a set of road safety statistics:
  - **Road Safety Basic Fact Sheets** for the broader public,
  - **Annual Statistical Report** as a reference document for road safety experts,
  - **Aggregated Data Files** as very flexible tools, allowing the user to create his own tables.

# Outlook

- In the near future the deliverables could also be **translated into several other EU languages** in order to improve the acceptance also on the national level.
- **CARE +2 variables** are now available. If the quality of this content will be improved they could be used in the deliverables as well.
- The work which is done in SafetyNet will allow DG-TREN to **connect the new EU Member States and** hopefully also **Germany** in the near future.
- This will allow road safety experts to show the full picture of the European road accident situation and provide policy makers with high quality information.