



## NTUA Road Safety Update - January 2011



National Technical University of Athens  
**ROAD SAFETY UPDATE**

January 2011

### 1. TRB Annual Meeting 2011

The Transportation Research Board (TRB) 90th Annual Meeting was held in Washington, D.C., in January 2011. NTUA presented 'Modeling traffic fatalities in Europe'. The objective of this paper is to provide a parsimonious model for linking motorization level with the decreasing fatality rates observed across EU countries during the last three decades. [LINK](#)

Transportation Research Board  
90th Annual Meeting  
January 25-27, 2011 - Washington, D.C.

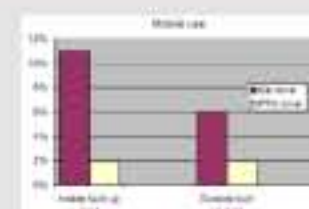
### 2. HITE and urban safety 2011

In January 2011, the Hellenic Institute of Transportation Engineers made suggestions for the improvement of road safety inside urban areas. 73% of road accidents in Greece occur inside urban areas, as well as 48% of the total number of people killed in road accidents. [LINK](#)



### 3. Mobile phone use rate, Greece 2009

According to an observational study carried out by NTUA under the coordination of Prof. George Kanellaidis, 9% of passenger car drivers use mobile phone during driving, whereas 2% of Power Two Wheelers use mobile phone while driving. Mobile phone use rate is increased inside built-up areas and for young drivers (16 - 24), especially for young female passenger car drivers (16%) and young female PTW riders (12%). [LINK](#)



### 4. IRTAD issued the Annual Road Safety Report 2010

IRTAD published the second Annual report, which comprises a synthesis of the main trends in the year 2009, in terms of the

About NRSO



www.nrso.ntua.gr

The mission of the NTUA Road Safety Observatory (www.nrso.ntua.gr) is to support the Greek and the International Road Safety Community with current key road safety knowledge and data, which are gathered, analysed and organised within the research activities of the Department of Transportation Planning and Engineering of the School of Civil Engineering of the National Technical University of Athens, as well as within co-operations with various national and international road safety organisations. Moreover, a report activity of the IRTAD Group for the year 2010 summarising the activities of the Group and the NTUA Road Safety Observatory has been developed within the framework of two European Union co-funded research projects, namely SAFETYNET - Development of the European Road Safety Observatory (2004-2009) and DACOTA - Road Safety Data Collection, Transfer and Analysis (2010-2012), with Scientific Responsible for the latter reports from 12 countries. NTUA has contributed to the detailed report for Greece. [LINK](#)



Disclaimer

### 5. Risk and protection factors in fatal accidents 2010

A paper titled 'Risk and protection factors in fatal accidents' co-authored by E. Dupont, H. Martensen, E. Papadimitriou and G. Yannis was published in the Journal Accident Analysis and Prevention in March 2010. Two methodological issues were specifically discussed, namely the accident-size factors (the number of vehicles in the accident and their level of occupancy) and the comparability of the baseline risk. It is argued that – although these two issues are generally at play in accident severity analyses – their effects on, e.g., the estimation of survival probability, are exacerbated if the analysis is limited to fatal accident data. [LINK](#)



2004 - 2016 © NRSO | All rights reserved.

This ROAD SAFETY UPDATE aims to inform frequently the Greek Road Safety Community on some of the latest scientific developments in the field.

If you want to be removed from this list please let us know.