



## NTUA Road Safety Update - February 2010



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

February 2010

### 1. TRB 89th Annual Meeting 2010

The Transportation Research Board (TRB) 89th Annual Meeting took place in Washington, D.C., in January 2010. NTUA presented 'Weather Effects on Daily Traffic Accidents and Fatalities: A Time Series Count Data Approach'. The impact of weather conditions on traffic safety is a topic that has attracted considerable interest in the literature. [LINK](#)



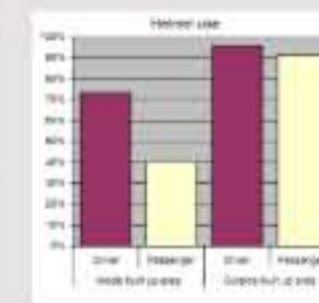
### 2. Interministerial Committee on Road Safety 2010

According to the Prime Minister Decision (ΦΕΚΒ'63/27-1-2010) the Interministerial Committee on Road Safety is created. [LINK](#)



### 3. Helmet use rate, Greece 2009

According to an observational study carried out by NTUA under the coordination of Prof. George Kanellaidis, 75% of motorcycle riders use their helmet. Young females (16-24) have fewer helmet use rates than young males, while the opposite is the case for the other age groups. Only 41% of motorcycle passengers use their helmet inside built-up areas. More than 90% of riders use their helmet outside built-up areas.



### 4. IRTAD issued the Annual Road Safety Report 2009

IRTAD published the first Annual report, which comprises a presentation of the IRTAD Group and its activities and a synthesis of the main trends in the year 2009, in terms of the evolution in the number of traffic deaths and crashes. It also presents longer term trends in order to better understand the evolution taking place in the region of the International Road Safety Observatory (www.irtad.org) is to support the Greek and the International Road Safety Community with current Road Safety Knowledge and Data, which are gathered, analysed and organised within the research activities of the Department of Engineering of the National Technical University of Athens, as well as within co-operations with various national and international road safety organisations.



About NRSO



SAFETYNET - Development of the European Road Safety Observatory (2004-2009) and SAFETI - Road Safety Data Collection, Transfer and Analysis (2010-2012), with Scientific Responsible for NTUA, Professor George Yannis

Disclaimer

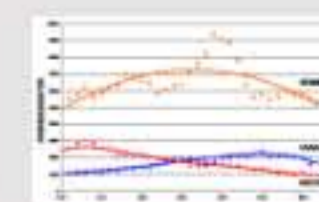
### 5. Linking Emergency Medical Department and Road Traffic Police casualty data: a tool in assessing the burden of injuries in less resourced countries 2009

A study titled 'Linking Emergency Medical Department and Road Traffic Police casualty data: a tool in assessing the burden of injuries in less resourced countries' co-authored by E.Petridou, G.Yannis, A. Terzidis, N. Dessypris, E. Germeni, P.Evgenikos, N.Tselenti, A.Chaziris and I. Skalkidis was published in the Journal Traffic Injury Prevention in February 2009. The study aimed to assess the magnitude of road traffic injuries in a country missing a formal linkage system of police with hospital data, quantify the under-reporting and produce a convenient algorithm exploring its constituent components. [DOI](#)



### 6. Correlating macroscopic road safety parameters in the European Union 2006

A Diploma Thesis titled 'Correlating macroscopic road safety parameters in the European Union' was presented by Anna Tsoumani in November 2006. Linear and non-linear regression models were developed and resulted in quantification of the impact of each variable to the number of fatalities in road accidents. The ratio of the number of road fatalities to the number of vehicles reduces by the increase of the ratio of the number of vehicles to population and secondly, the shape of the fatalities curve (ascending, stable and descending) depends on the ratio of the number of vehicles to population.



**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.**