



NTUA Road Safety Update - November 2011



National Technical University of Athens
Road Safety Update

November 2011

New Provisions For Road Safety Infrastructure Management in Greece



On November 7th, 2011, a Presidential Decree was issued concerning the transposition of the Greek legislation to the provisions of the Directive 2008/96/EC of the European Parliament and of the Council of the 19th of November 2008 about road safety infrastructure management. The main purpose of the Decree is the establishment and the implementation of road safety audits and inspections, as well as the road safety management of the trans-European road network. [LINK](#)

Conference on European Best Practices in Road Safety 2011



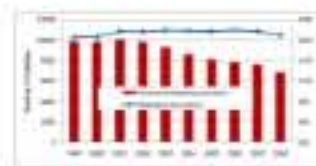
The Conference on European best practices in road safety was jointly organised by the Forum of European Road Safety Research Institutes (FERSI) and the Hellenic Institute of Transport under the auspices of the Hellenic Ministry of Infrastructure, Transport & Networks on February 21st and 22nd, 2011 at Zappeion Megaron, Athens, Greece. NTUA presented the 'Road Safety Strategy in Greece' and 'Efficiency assessment of road safety measures in Europe'. [LINK](#)

Accident risk by driver's characteristics, Greece 2004



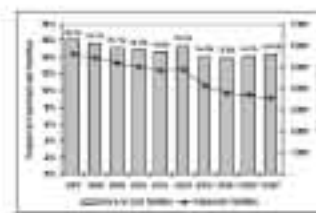
Accident risk of young drivers is 4 times the average for car drivers and 5 times the average of PTW riders. Drivers >65 years old are at increased risk, especially when riding mopeds or motorcycles. Accident risk decreases with driving experience. Vehicle age < 1 or > 10 years is associated with increased accident risk. Male drivers (especially young ones) have much higher accident risk than females. [LINK](#)

Road Safety at Junctions - EU Facts & Figures 2010



Road Safety at Junctions in the EU is highlighted at the Traffic Safety Basic Facts 2010 recently released by the European Road Safety Observatory of the European Commission as prepared by the DACOTA project. Almost 8.300 people were killed in road traffic accidents at junctions in the EU countries in 2008, representing 21% of the total road traffic fatalities. This figure represents a 30% decrease in relation to the 10.500 fatalities at junctions since ten years before in 1999. [LINK](#)

About pedestrian safety in Europe



A research titled 'About pedestrian safety in Europe' co-authored by E.Papadimitriou, G.Yannis and P.Evgenikos from NTUA, was published in the Journal Advances in Transportation Studies in July 2011. Data on pedestrians' fatalities for the period 1997-2006 from 19 EU countries, extracted from the EU CARE database, were associated with basic road safety factors like pedestrian's age and gender (with particular focus on children and the elderly), lighting conditions, area type (inside / outside urban area) as well as seasonality. The results suggest that, although pedestrian fatalities in Europe present a decreasing trend, pedestrian fatality rates are still increased in Southern European countries, as well as in the new Member States. [DOI>](#)

Macroscopic analysis of road accidents at junctions



A Diploma Thesis titled 'Macroscopic analysis of road accidents at junctions' was presented by Konstantinos Kapetanakis in November 2011. Processed data were used, extracted from the database of the Department of Transportation Planning and Engineering of the National Technical University of Athens (N.T.U.A.) for the time period 1996 - 2007 in Greece. Analysis has led to a series of conclusions such as that the more usual accident type in junction is the collision at angle and that regardless of the area type, the accidents which occur out of junctions are at least double than those which occur at junctions.

This Road Safety Update aims to support frequently the Greek and the International Road Safety Community with current key road safety knowledge and data, which is gathered, analysed and organised within the research activities of the Department of Transportation Planning and Engineering of the National Technical University of Athens.

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About NRSO



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.

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 NTUA, Professor George Yannis.