

Country Report Spain

2. (Recent) publications on pedestrian issues

What publications are there nationally regarding the general and specific research questions?

Per publication:

- author(s)
- title (in English)
- short abstract (approximately 100 words)
- kind of publication (book, report, reviewed article,...)
- where it is available

2.1.- Institutional reports related to pedestrian behavior:

Gobierno Vasco; (2001). Traffic Accident Statistical Yearbook 2000. Departamento de Interior. Victoria-Gazteiz. Retrieved 08/02/2007 from :

<http://www.trafikoa.net/index.asp?menu=61&lang=es>

Gobierno Vasco; (2002). Traffic Accident Statistical Yearbook 2001. Departamento de Interior. Victoria-Gazteiz. Retrieved 08/02/2007 from :

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<http://www.trafikoa.net/index.asp?menu=61&lang=es>

Gobierno Vasco; (2005). Traffic Accident Statistical Yearbook 2006. Departamento de Interior. Victoria-Gazteiz. Retrieved 08/02/2007 from :

<http://www.trafikoa.net/index.asp?menu=61&lang=es>

Generalitat de Catalunya (2001) Accident Statistical Yearbook in Catalunya 2000.. Servei Català de Transit. Barcelona. retrieved on 02/02/2007 from:

<http://www.gencat.net/transit/est.htm>

Generalitat de Catalunya (2002) Accident Statistical Yearbook in Catalunya 2001. Servei Català de Transit. Barcelona. retrieved on 02/02/2007 from:

<http://www.gencat.net/transit/est.htm>

Generalitat de Catalunya (2003) Accident Statistical Yearbook in Catalunya 2002. Servei Català de Transit. Barcelona. retrieved on 02/02/2007 from:

<http://www.gencat.net/transit/est.htm>

Generalitat de Catalunya (2004) Accident Statistical Yearbook in Catalunya 2003. Servei Català de Transit. Barcelona. retrieved on 02/02/2007 from:

<http://www.gencat.net/transit/est.htm>

Generalitat de Catalunya (2005) Accident Statistical Yearbook in Catalunya 2004. Servei Català de Transit. Barcelona. retrieved on 02/02/2007 from:

<http://www.gencat.net/transit/est.htm>



Generalitat de Catalunya (2006) Accident Statistical Yearbook in Catalunya 2005. Servei Catalá de Transit. Barcelona. retrieved on 02/02/2007 from:

<http://www.gencat.net/transit/est.htm>

Ministerio del Interior (1999). Accident Statistical Yearbook 1998. Dirección General de Tráfico. Madrid. Retrieved on 05/02/2007 from:

<http://www.dgt.es/estadisticas/estadisticas03.htm>

Ministerio del Interior (2000). Accident Statistical Yearbook 1999. Dirección General de Tráfico. Madrid. Retrieved on 05/02/2007 from:

<http://www.dgt.es/estadisticas/estadisticas03.htm>

Ministerio del Interior (2001). Accident Statistical Yearbook 2000. Dirección General de Tráfico. Madrid. Retrieved on 05/02/2007 from:

<http://www.dgt.es/estadisticas/estadisticas03.htm>

Ministerio del Interior (2002). Accident Statistical Yearbook 2001. Dirección General de Tráfico. Madrid. Retrieved on 05/02/2007 from:

<http://www.dgt.es/estadisticas/estadisticas03.htm>

Ministerio del Interior (2003). Accident Statistical Yearbook 2002. Dirección General de Tráfico. Madrid. Retrieved on 05/02/2007 from:

<http://www.dgt.es/estadisticas/estadisticas03.htm>

Ministerio del Interior (2004). Accident Statistical Yearbook 2003. Dirección General de Tráfico. Madrid. Retrieved on 05/02/2007 from:

<http://www.dgt.es/estadisticas/estadisticas03.htm>

Ministerio del Interior (2005). Accident Statistical Yearbook 2004. Dirección General de Tráfico. Madrid. Retrieved on 05/02/2007 from:

<http://www.dgt.es/estadisticas/estadisticas03.htm>

Ministerio del Interior. (2003) Road Safety in Spain 2003. Dirección General de Tráfico. Madrid. Retrieved on 05/02/2007 from:

<http://www.dgt.es/estadisticas/estadisticas03.htm>

Ministerio del Interior (2006) Plan Estratégico de Seguridad Vial 2005-2008 publicado por la Dirección General de Tráfico Retrieved on 05/02/2007 from:

<http://www.dgt.es/estadisticas/estadisticas03.htm>

They all will provide the researcher with data regarding the circumstances in which pedestrian accidents had happened: type of accident, what were they doing at that moment, which kind of road layout, etc. from year 1998 till now.

In Spain there are three institutions with full competences on traffic matters: Basque Country, Catalunya and the Central State (Spain). Each one publishes their own statistics and their own analysis on the resulting figures. Data come from accident records.

2.2.- Institutional reports related to demographics

Instituto Nacional de Estadística (2007), www.ine.es/inebase/cgi/axi

Demographic data are basically gathered by the National Institute of Statistics. The National Institute of Statistics carried out the Housing and Population Censuses with a reference date of 1 March 1991. The publishing of the results for this Census, which began in 1992 with the Preview Sample, was carried out over various years and consisted of a very complete series of printed and electronic products. The Census is actualised every 10 years, now the last database comes from 2001.



Instituto Nacional de Estadística (2000) Survey on disabilities, handicaps and Health status 1999. Retrieved on 10/02/2007 from: <http://www.gesta.org/estudios/espanha99.pdf>

This survey is intended to fulfill the need of information upon the disabilities phenomena, dependency, ageing of population and health status of the population living in Spain.

Ministerio de Fomento (2003). Mobility survey of people living in Spain. Movilia, Madrid, España.
www.fomento.es/MFOM/LANG_CASTELLANO/INFORMACION_MFOM/INFORMACION_ESTADISTICA/Publicaciones/movilia_2000/.

This is a new statistical instrument intended to provide the stakeholders with a broad deal of integrated and coherent information over the people's mobility phenomena.

The design, execution and exploitation of "MOVILIA" has been accomplished along a three years period, analysis the characteristics of the movements done by the population and is based upon a representative sample of 24.000 households.

2.3.- Published by other organizations

Instituto Mapfre de seguridad Vial.(2005, noviembre) *Pedestrian accidentability in Urban nucleus* Ed. Mapfre. Madrid.

This is a report of a project partially founded by the Ministerio de Industria, Turismo y Comercio, and belonging to the Plan Nacional de Investigación Científica, Desarrollo e Innovación Tecnológica 2004-2007. It is aimed to the objective of knowing the most influencing factors in the pedestrian accidents, specially those related to urban design, and to propose proper measures in order to correct and reduce the number of run-over accidents.

De Miguel, A. (2000). *Pedestrian and urban traffic*. Instituto Mapfre de seguridad Vial. Madrid

In this book, the author manages to define the pedestrian concept, analyses pedestrian urban segments, how they perceive the motor-traffic and the subsequent risk for pedestrian.

MONTEAGUDO, S, M.J. (2003). *Intervention program to encourage mobility and to improve road safety in the elderly*. Madrid, IMSERSO, *Estudios I+D+I*, nº 16. [Fecha de publicación: 01/06/2005].

<http://www.imsersomayores.csic.es/documentos/documentos/imserso-estudiosidi-16.pdf>

This study looks after the social integration, mobility, safety and autonomy of older people in the context of traffic; mainly in their trips as a pedestrian. The methodology consisted in a literature review about the related information on applied interventions, and documentation related to specific problems of the older people. Starting from this base an education program was built later converted in a handbook for the "good pedestrian". Also includes a document revising and synthesising the scientific international documentation related to the older people traffic related problems.

Alvarez,G,F.J., Gonzalez, B,E.,Robledo, de D, T., (2004) *Cuaderno didactico sobre Educación Vial y Salud*. Ministerio de Educación y Ciencia.

A working handbook to be used by school teachers as a tool for educational activities to make it easier to deal with road safety matters at a high school level.



Thorson, O. (2006). El diseño vial, y la gestión de la movilidad para todos. *XIII Forum Barcelona de Seguretat Viària, La percepció del Riesgo y la seguridad. vial en la ciudad.* World Trade Center, 4 de Mayo, 2006

An engineering vision about urban design related to risk perception on road safety matters.

Del Caz, M., Rodríguez, M. and Saravia, M (2005). *The right to mobility. Report Valladolid.* University of Valladolid. Escuela de Arquitectura.

A comprehensive report in which one can find proposals like the need for a re-equilibrium between the motorized and the non-motorized sub-systems and territorial aspects of mobility.

Mobility Criteria in Urban areas. Fundación RACC retrieved on 04/02/2007 from: <http://www.racc.es/externos/fundacion/Public.pdf>

In this handbook the Royal Automobile Club Foundation proposes a rationality to share the public space in order to make mobility more measurable and thus easier to be improved.

3. Current research projects

Which projects are currently carried out? Please indicate per project, if known:

- Research topics or title of project
- Expected results and products, when?
- Names of institutes
- Name(s) of researcher(s)
- Contact details
- Research context (part of larger project?)
- Amount of money, time and staff involved

Título: **Categorización Automática de Conflictos Peatón-Vehículo.**

Subvención: DGT (Dirección General de Tráfico).

Duración: 28 Diciembre 1999 – 28 Abril 2002.

Investigador Principal: Miguel Angel Verdugo (universidad de salamanca).

<http://www.dgt.es/educacionvial/recursos/Resumenconflictospeatvehic.pdf>

Dirección General de Tráfico (2006, Diciembre) Opiniones sobre la seguridad vial de los ciudadanos españoles. Ministerio del Interior.

http://www.dgt.es/dgt_informa/investigaciones/documentos/OpinionesSobreSeguridadVial._Dic2006.pdf

Monterde-Bort, H. and Moreno, D. (2003): *The Mobility Conditions of the Elderly in Spain from the Point of View of the Affected Citizens and Experts: Qualitative Analysis.* University of Valencia: research report.



Spanish contribution to the SIZE project, founded by the European Commission within the 5th Framework Programme, in the key action “The ageing population and disabilities”. Contract N°. QLK6-CT-2002-02399

5. Legal position of pedestrians

A short review of regulations regarding walking, the pedestrian and handicapped persons in:

- Land Use Planning Acts
- Traffic rules and traffic signs with regard to pedestrians and the handicapped
- Rules regarding behaviour towards the handicapped
- Transportation rules & pedestrians
- Guidelines and legislation for road authorities with regard to pedestrians and facilities for the handicapped (traffic management, management, maintenance, design, traffic lights guidelines etc.)
- Health & Safety regulations
- Education rules and legislation
- Jurisprudence
- Liability rules
- Enforcement practise.

- REAL DECRETO 1428/2003, de 21 de noviembre, por el que se aprueba el Reglamento General de Circulación para la aplicación y desarrollo del texto articulado de la Ley sobre tráfico, circulación de vehículos a motor y seguridad vial, aprobado por el Real Decreto Legislativo 339/1990, de 2 de marzo.

This is the general traffic and road safety law that applies also to pedestrian behaviour

Ley 7/1985, de 2 de abril, Reguladora de las Bases del Régimen Local.

.This is the basic law that allows the municipalities to create their specific policies related to mobility issues including pedestrian behaviour.

6. Best Practises

Which Best Practises examples do you know of in your country?

Please indicate per example:

- the issue (i.e. pedestrian policy, safe crossing, Design for All, supportive authorities, Walk to School,...)
- what is the quality?
- who is responsible / initiator / owner?
- where is it?
- available documentation
- contact information.

Sector de Via Publica (2003, Marzo) Agreement for mobility. Report of management 1998-2002. Ajuntament de Barcelona

The Barcelona city Town hall fostered in 1998 the so called “Agreement for mobility” a forum integrated by more than 50 entities and social and societal organizations, that are debating to improve the mobility in the city with sustainability criteria. This goal is pursuit by



means of an observatory group that keeps tracking the city transport and its effects in a periodic manner. *“The goal is to work on the basis of giving priority first to the non motorised transport, then the public transport and merchandises and latest the automobiles.*

Ayuntamiento de San Sebastian. Donostia Camina. Concejalía de Movilidad y Vías Públicas. En http://www.donostia.org/info/ayuntamiento/alcalde_documentos.nsf/

Estevadeordal J., Parés, J., y Ruano, J. (2002)
Plan de actuación para el Desarrollo de áreas de movilidad Ambiental. Ejemplo de la ciudad de Amposta (Tarragona). III Conferencia Internacional Walk 21

8. General Atmosphere

The general atmosphere can be described using statement samples from the media and on the internet regarding:

- The attitude towards pedestrians by other road users
- Spotted behaviour of pedestrians and others towards pedestrians
- Perception of the living environment and the quality of public space
- Positions taken in discussions regarding walking and pedestrians

Is there a Pedestrians Association or related NGO? What is its position?

CATALUNYA CAMINA (Associació per la defensa dels drets del vianant)
Rambla Catalunya 29, 4º 2ª 08007 Barcelona catalunyacamina@yahoo.es Pàgina web:
www.catalunyacamina.org President: Joan Estevadeordal i Flotats

Foro por la Movilidad Sostenible de Madrid <http://www.foromovilidadsostenible.org/> e-mail:
This association that gather up to thirty organizations is working since 2000 for sustainable mobility creating room for civic agreement.

