



ORGANISATION
FOR ECONOMIC
CO-OPERATION
AND DEVELOPMENT



IRTAD

**International Road Traffic
and Accident Database**

**International Traffic Safety Data
and Analysis Group**

www.irtad.net

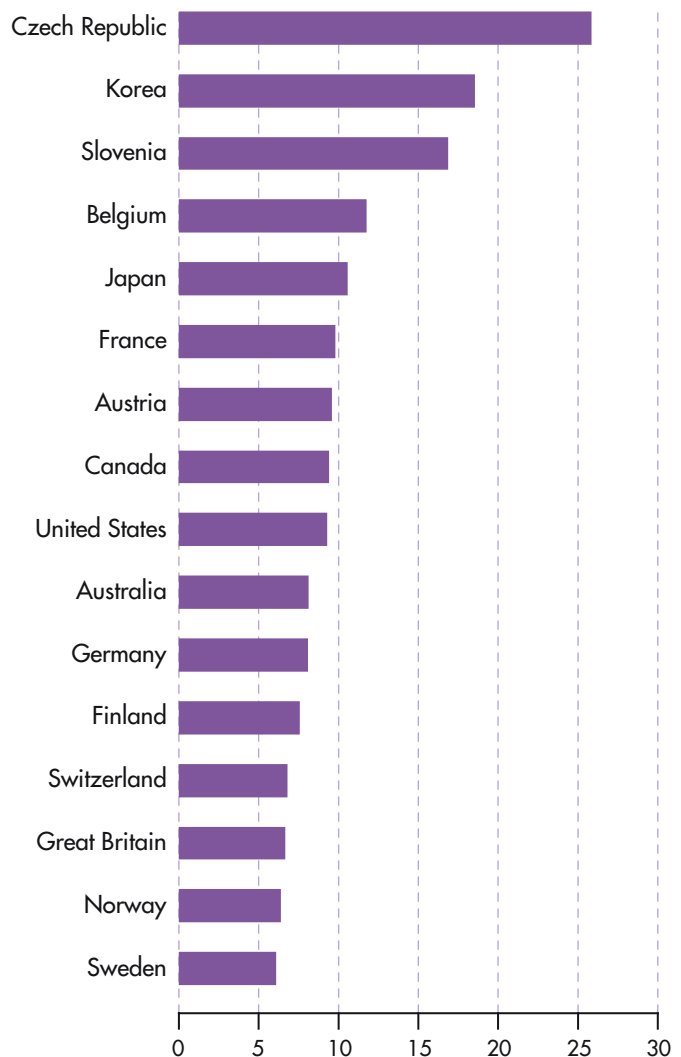
Online access to unique set of up-to-date data

The *International Road Traffic and Accident Database* was established in 1988 through the OECD Road Transport Research Programme. Now hosted by the Joint Transport Research Centre of the OECD and the International Transport Forum, the database includes more than 500 data items, aggregated by country and year, and shows up-to-date accident and relevant exposure data, including:

- injury accidents classified by road network
- road deaths by road usage and age, by gender and age or by road network
- car fatalities by driver/passengers and by age
- hospitalized road users by road usage, age bands or road network
- accident involvement by road user type (e.g. HGVs, LGVs) and associated victim data
- risk indicators: fatalities, hospitalized or injury accidents related to population or kilometrage figures
- monthly accident data (three key indicators)
- population figures by age bands
- vehicle population by vehicle types
- network length classified by road network
- kilometrage classified by road network or vehicles
- passenger kilometrage by transport mode
- seat belt wearing rates of car drivers by road network
- area of state

Road deaths per billion vehicle kilometres in 2005, selected countries

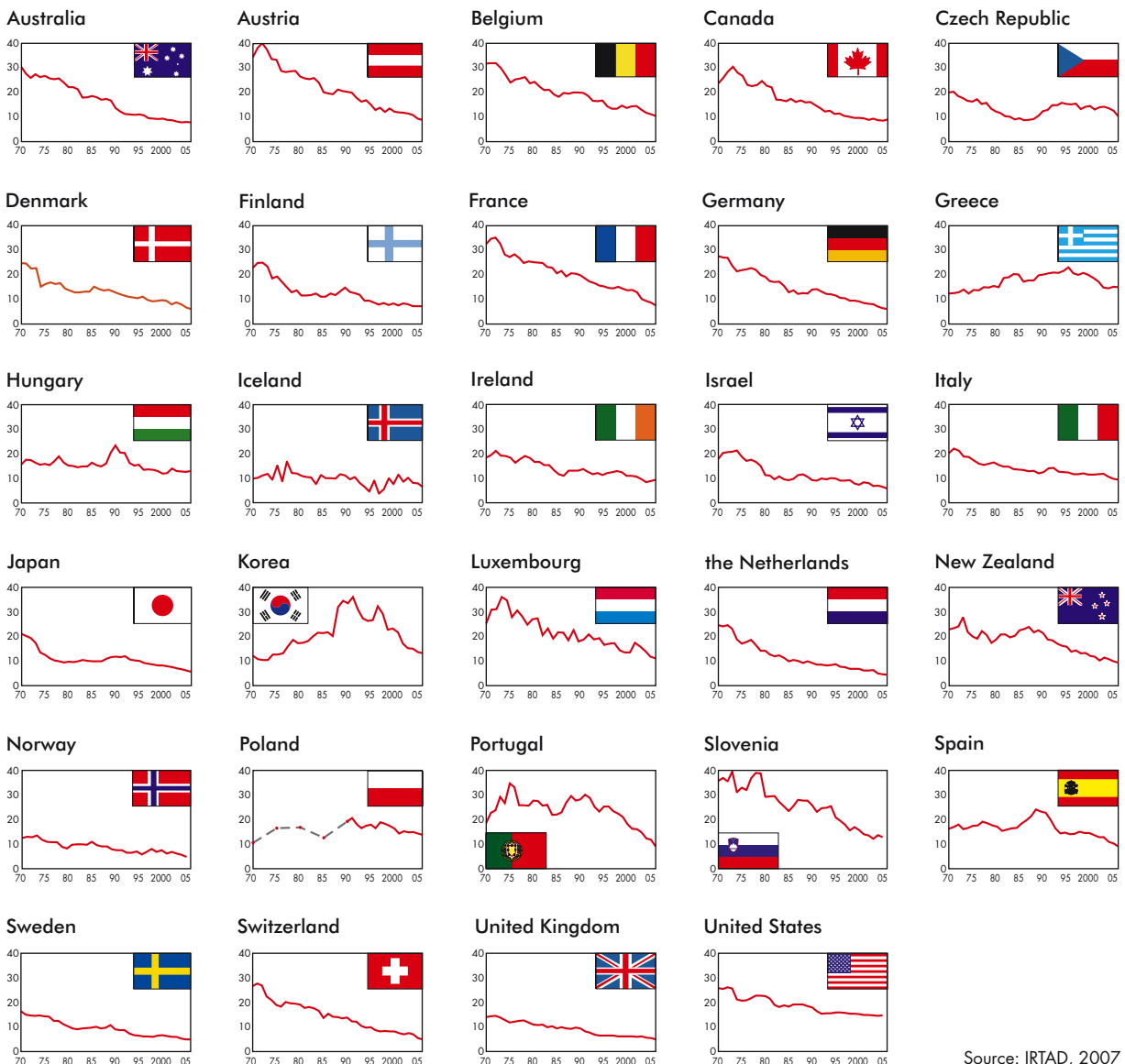
Source: IRTAD, 2007



International coverage of high-quality data

IRTAD is renowned for the high reliability of its data which, at the moment, covers 29 countries for each year since 1970. A key to the success of IRTAD is the process through which the information is collected, as it comes directly from relevant national data providers. The progressive extension of IRTAD to other countries with reliable data systems is programmed.

Traffic deaths per 100 000 population since 1970



Source: IRTAD, 2007

Designed to meet the needs of road safety professionals

The development and use of the database is carried out by the *International Traffic Safety Data and Analysis Group*. The data are presented in a common format, based on definitions developed and agreed by the IRTAD Group. This requires a clear understanding of national definitions in order to enhance international comparability, and when needed, the use of an appropriate correction factor.

Currently, more than 50 institutes worldwide, representing an extensive range of public and private organisations with a direct interest in road safety, are members of the IRTAD Group, the main objectives of which are:

- Scientific co-operation – Exchange of information and expertise among international network of safety researchers and statisticians.
- Collection, harmonization and dissemination of timely aggregate accident and exposure data.
- Scientific approach to advance accident knowledge based on statistical methods in analysing road accidents.
- Improving the data used for research and policy planning.
- Stimulating international discussion on harmonisation of definitions.
- Use of the data and findings to identify special characteristics where further research can lead to road safety improvements.

The IRTAD Group publishes regularly special reports on its analyses of topical data collection and methodology issues. Recent IRTAD reports focused on underreporting of road accidents and availability of hospitalised road user data. Every 5 years, the IRTAD Group organises a Conference, open to all.

Australia	Australian Transport Safety Bureau • University of Queensland (CONROD)
Austria	Kuratorium für Verkehrssicherheit (KFV)
Belgium	Belgian Road Safety Institute • Nissan Motor Manufacturing (UK) Ltd.
Canada	Transport Canada
Czech Republic	Transport Research Centre (CDV)
Denmark	Road Directorate • Danish Transport Research Institute (DTF) Aalborg University
Finland	Finnish Road Administration (FinnRA)
France	S.E.T.R.A. • INRETS • PSA Peugeot Citroën Observatoire National Interministériel de Sécurité Routière
Germany	BAST • ADAC • Bosch • DaimlerChrysler • DEKRA • DVR • GDV Volkswagen
Hungary	Institute for Transport Sciences (KTI)
Iceland	Public Roads Administration
Ireland	Road Safety Authority
Israel	National Road Safety Authority • Or Yarok Association
Japan	National Police Agency • ITARDA National Research Institute for Police Science
Korea	Road Traffic Safety Authority • KOTSA
Netherlands	Ministerie van Verkeer en Waterstaat • SWOV
New Zealand	Ministry of Transport
Norway	Norwegian Public Roads Administration
Poland	Motor Transport Institute (ITS)
Serbia	University of Belgrade
Slovenia	Directorate for Roads (DRSC)
Spain	Dirección General de Tráfico • RACC • University of Valencia
Sweden	National Road Administration • VTI
Switzerland	bfu
United Kingdom	Department for Transport • FORD
United States	NHTSA • University of Michigan • University of New Mexico
International Organisations	European Commission (DG TREN) European Automobile Manufacturers Association (ACEA) FIA Foundation for the Automobile and Society

Access to up-to-date information

All IRTAD members have full access to the IRTAD Database via the Internet. The user-friendly interface generates various output formats (HTML, EXCEL, CSV) for further analysis. Pivot tables and charts offer a quick overview of time series and recent safety trends.

Rate	Killed per 100 000 population of the age group • 2006				
COUNTRY	15-17 Years	18-20 Years	21-24 Years	25-64 Years	65 Years and more
Austria	11.82	21.55	15.26	8.46	11.29
Czech Republic	4.62	18.75	19.22	10.89	11.88
France	9.65	20.33	17.84	7.27	8.91
Germany	5.95	18.38	12.37	5.78	7.27
Japan	4.99	8.96	5.74	4.20	12.32
New Zealand	15.18	22.22	14.16	8.71	13.84
Sweden	6.43	10.18	9.79	4.90	6.07
Switzerland	6.72	10.81	9.55	4.13	8.47

Selected countries and age bands



Membership

IRTAD membership is open to public or private organisations from all countries.

IRTAD offers a mechanism for the integration of prospective member countries while assisting — where appropriate — to improve their road safety data collection systems.

All IRTAD member organisations have unlimited access to the IRTAD Database and are represented in the IRTAD Group. This International Traffic Safety and Data Analysis Group is composed of statisticians and road safety experts involved in the development and the use of IRTAD.

Membership is based on annual subscription.



Contact

IRTAD is operated within the Joint Transport Research Centre of the OECD and the International Transport Forum*.

Find out more about IRTAD at www.irtad.net offering summary statistics, reports and charts. For information about accessing IRTAD (including subscription) contact directly:

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** The **OECD** – Organisation for Economic Co-operation and Development – is an intergovernmental organisation regrouping 30 countries and constitutes a unique forum where governments address the economic, social and environmental challenges of globalization. In May 2006, the Council of Ministers agreed on the creation of an International Transport Forum by transforming the European Conference of Ministers of Transport (ECMT) into a global body with new mandates and broader scope. The yearly Forum will provide Ministers of Transport with an opportunity to discuss topics of global, strategic importance, relating to all modes of transport, and will include the participation of leading non-government actors. The aim of the Forum is to bring high-profile, international attention to the essential role played by transport in the economy and society, while facilitating the integration of transport and logistics into key policy-making processes. The Joint Transport Research Centre conducts co-operative research programmes in support of policy making processes in member countries.*



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