

UNECE's Working Party on Transport Statistics (WP.6)

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*4th ITF Transport Statistics Meeting
Paris, 14-15 March 2017*



Overview

- **WP.6 Introduction**
- **Capacity Building**
- **Publications**
- **Other activities**
- **Transport Statistics within the SDGs**
- **Activities for 2017**



Working Party 6: Introduction

WP.6: A forum for inland transport statistics under the Inland Transport Committee, dealing with:

- **Methodology development and harmonization (close collaboration with ITF and Eurostat)**
- **Compilation and dissemination of data for 56 UNECE member States, on all inland transport modes**
- **Capacity building activities**



Capacity Building

- **Workshop on transport statistics held in Ashgabat, September 2016. Present: 9 SPECA countries, together with UNECE, ESCAP and Euro-Asian Economic Commission.**
- **International data collection, dissemination and best practices in transport statistics presented, plus Road Safety Goals. Countries shared their data collection mechanisms and the challenges they face.**
- **Part of meeting to help SPECA countries achieve SDGs related to transport.**
- **Details at tiny.cc/Ashgabat-2016**
- **Another workshop tentatively planned for Astana, September 2017.**




Publications

UNECE

2015 INLAND TRANSPORT STATISTICS
FOR EUROPE AND NORTH AMERICA

Volume LVII

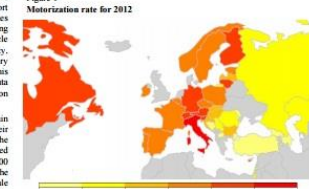


UNECE 2015 Inland Transport Statistics for Europe and North America

Road transport statistics

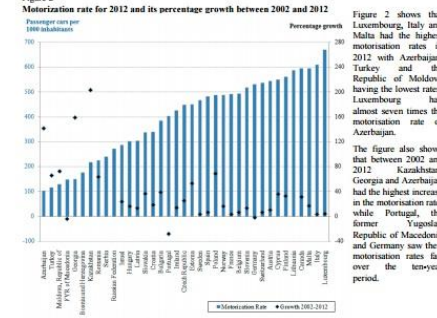
The data reported in this chapter set out road transport statistics reported by countries in the UNECE region focusing on road infrastructure, vehicle fleet sizes and vehicle activity. A selection of summary statistics is presented in this introduction and detailed data are available in the tables on the following pages. Substantial differences remain between countries in their motorization rates (the numbers of registered passenger cars per 1,000 inhabitants — Figure 1). The yellow-to-red sliding scale highlights different levels across member States.

Figure 1
Motorization rate for 2012



Note: Registered vehicles per 1,000 inhabitants. Grey represents countries for which 2012 data were not reported.

Figure 2
Motorization rate for 2012 and its percentage growth between 2002 and 2012



The figure also shows that between 2002 and 2012, Kazakhstan, Georgia and Azerbaijan had the highest increase in the motorization rate, while Portugal, the former Yugoslav Republic of Macedonia and Germany saw their motorization rates fall over the ten-year period.

Note: Total Passenger cars registered per 1,000 inhabitants. FYR Macedonia = The former Yugoslav Republic of Macedonia. Left axis and blue columns represent motorization rate, right axis and black points represent percentage growth between 2002 and 2012.

UNECE

2015 STATISTICS OF ROAD TRAFFIC ACCIDENTS
IN EUROPE AND NORTH AMERICA

Volume LIII

Main transport indicators, 2014

Road accidents: Injured per 1 000 000 inhabitants, 2014


Austria	~1.5
Germany	~1.5
Norway	~1.5
Canada	~1.5
Malta	~1.5
Italy	~1.5
Ireland	~1.5
Spain	~1.5
Portugal	~1.5
Turkey	~1.5
Czechia	~1.5
Croatia	~1.5
United Kingdom	~1.5
Poland	~1.5
France	~1.5
Belgium	~1.5
Denmark	~1.5
Sweden	~1.5
Finland	~1.5
Latvia	~1.5
Lithuania	~1.5
Malta	~1.5
Luxembourg	~1.5

Main transport indicators, 2010-2014



Road accidents: Fatalities per 1 000 000 inhabitants, 2010-2014

Egypt	~150
Russia	~100
Armenia	~100
Georgia	~100
Azerbaijan	~100
China	~100
Ukraine	~100
United States of America	~100
Algeria	~100
Bulgaria	~100
Romania	~100
Uzbekistan	~100
Republic of Moldova	~100
Poland	~100
Romania	~100
Latvia	~100
Serbia	~100
Czechia	~100
Czech Republic	~100
Hungary	~100
Malta	~100
Portugal	~100
The FYR of Macedonia	~100
Hungary	~100
Turkey	~100
Italy	~100
Spain	~100
Tajikistan	~100
Sweden	~100
France	~100
Denmark	~100
Ukraine	~100
Cyprus	~100
Finland	~100
Slovenia	~100
Norway	~100
Bulgaria	~100
Spain	~100
France	~100
Poland	~100
Republic of Moldova	~100
Algeria	~100
Uzbekistan	~100
United Kingdom	~100
Italy	~100
Spain	~100
Malta	~100
Armenia	~100

Main transport indicators in the ECE Region 2014

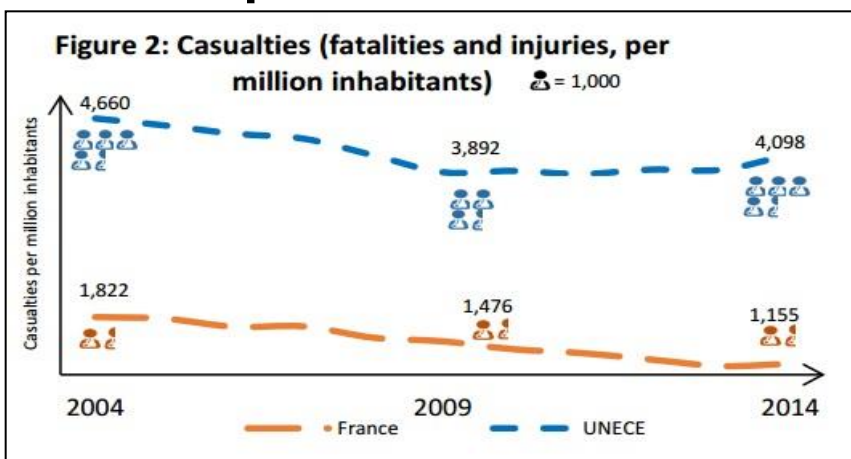
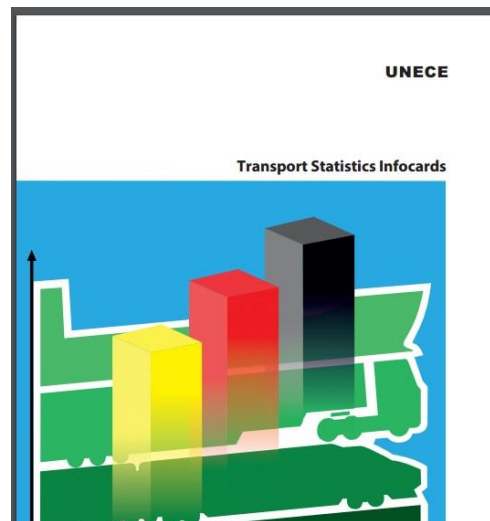


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Infocards

- **Transport Statistics Infocards** published this year for ITC 70th anniversary.
- Contains key figures and infographics, giving an overall summary of inland transport.
- Includes vehicle numbers, tonne-km by road and rail, road fatalities
- Comparisons to UNECE average



Road and rail traffic		2014
Number of passenger cars (thousand)		31,800.0
Motorization rate (No. of passenger cars per thousand inhabitants)		481
Passenger-km by road (million)		883,810
Tonne-km by road (million)		165,225
Passenger-km by rail (million)		89,499
Tonne-km by rail (million)		32,596
Tonne-km by Inland Waterways (million)		8,789

Transport Statistics Infocard
France



Area: 551,500 km² • Inhabitants: 66,152,154 (2014)
Contracting Party to 39 UN Transport Conventions under the purview of UNECE Inland Transport Committee. Contracting Party to 14 UN Road Safety Conventions.

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Road casualty statistics		2014	
Fatalities		3,384	
Injured		73,048	
Injury accidents		58,191	
Road deaths per			
Million inhabitants		51	
100,000 passenger cars		11	
Severity of road traffic accidents			
Fatalities per 1,000 injury accidents		58	

Figure 1: Passenger-km by road and by rail (million)

Year	Road	Rail
2004	740,014	89,499
2014	883,810	89,499

Figure 2: Casualties (fatalities and injuries, per million inhabitants) ☹️ = 1,000

Year	France	UNECE
2004	1,822	4,660
2009	1,476	3,892
2014	1,155	4,098

Figure 3: Inland transport modal split - Freight (Tonne-km)

Year	Road	Rail	Waterways
2004	79%	19%	2%
2014	80%	18%	2%

Figure 4: Evolution of the severity of road traffic accidents (Fatalities per 1,000 injury accidents)

Year	France	UNECE
2004	65	58
2006	62	58
2008	60	58
2010	58	58
2012	58	58
2014	58	58

Source: UNECE Transport Statistics Database.
Note: UNECE in figures 2 and 4 refers to the average value of UNECE member States providing data.

Analysis prepared under the auspices of the Inland Transport Committee's Working Party on Transport Statistics (WP.6)

Pilot Questionnaires

- **UNECE developed pilot questionnaires, on level crossing safety and rail accidents, to see what data are already collected and available.**
- **Level crossings: existing data availability being assessed**
- **Rail accidents: questionnaire sent out in February to non-EU countries.**
- **An update will be given and next steps discussed at WP6 in June.**



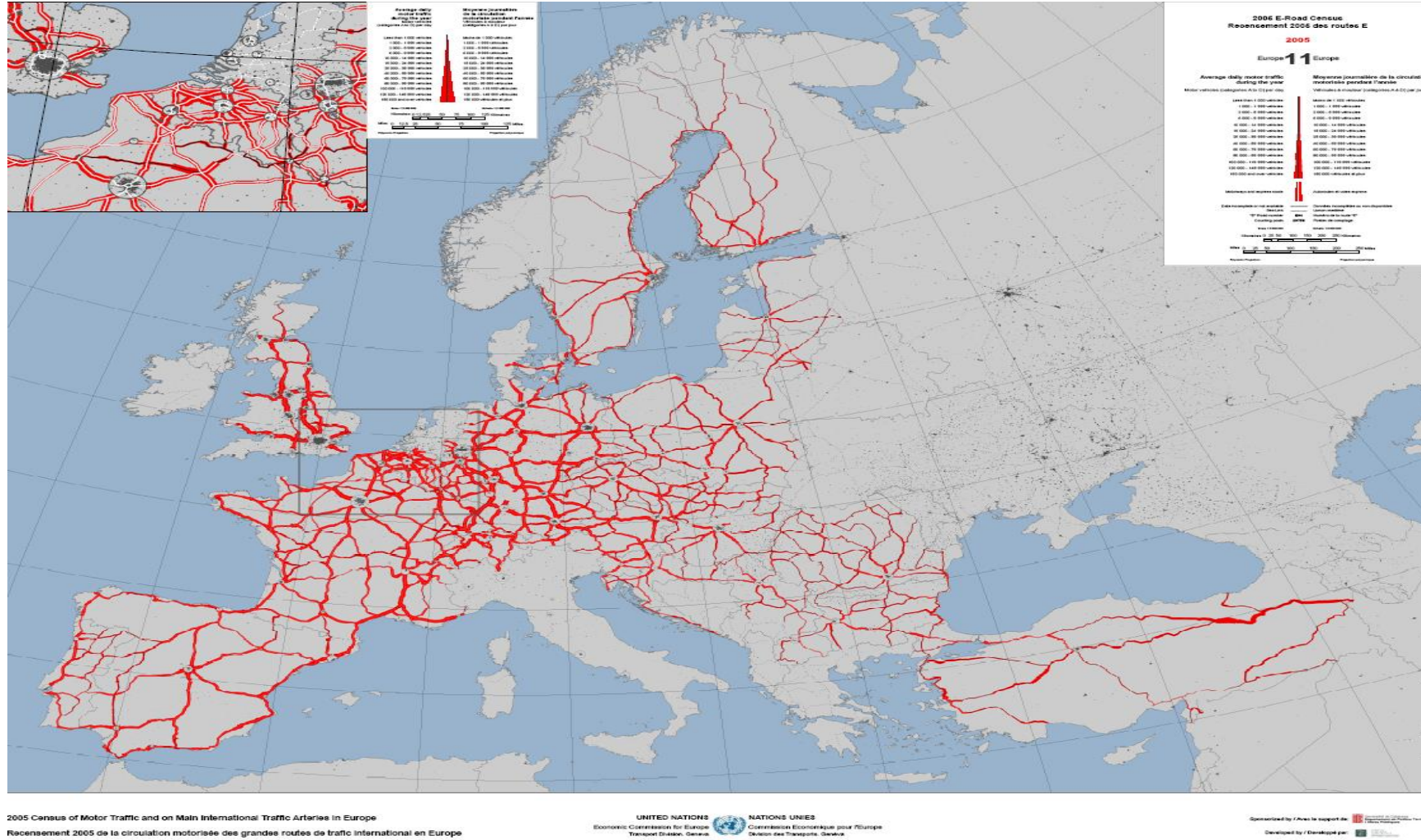
E- Censuses (1)

- **E-Road:**
 - Unique international road census, providing comparable data on traffic flows on main European roads
 - Important tool for transport policy
 - WP.6 plans to devote more resources to dissemination, and has started exploring potential geospatial applications
 - As of mid-March 2017, censuses received from Czechia, Lithuania, Poland, Serbia, Slovakia and Turkey.

- **E-Rail:**
 - Deadline for responses: 30 June 2017. To cover: AGC, AGTC, TEN-T



E- Censuses (2)



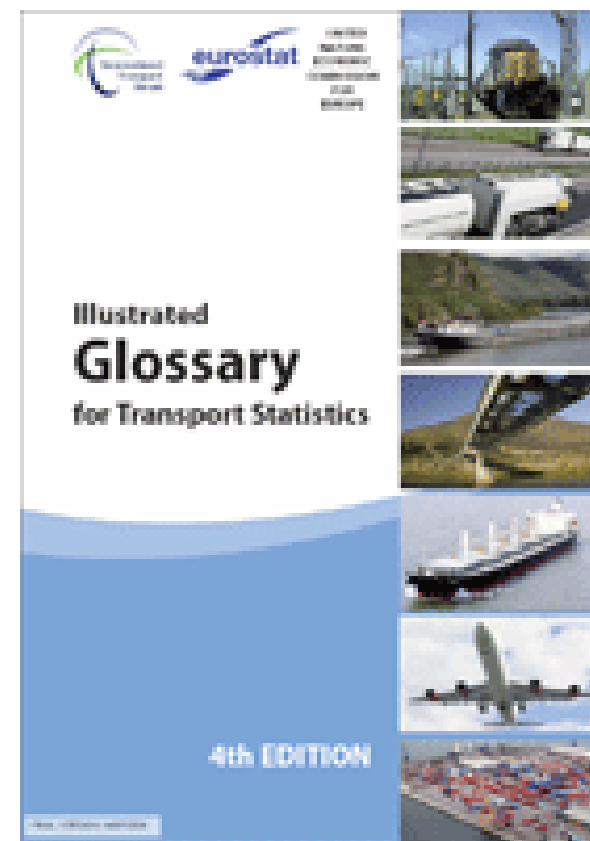
Glossary

Glossary published since 1994. Currently in its 4th edition, work is beginning on 5th edition.

Revisions will likely include:

- a better road vehicle breakdown, reflecting new energy sources (hybrids, electric vehicles, CNG etc., in line with common questionnaire)
- Improved definitions for railway networks

Comments from countries are welcome



WP6 and the SDGs

- **Transport linked to 14 of the SDGs, but critically to 3.6, 9.1 and 11.2.**
- **UNECE is involved with many partners (including ITF, World Bank, WHO, DfID, UNDESA) on the SUM4All initiative; baseline report expected by end of 2017**
- **WP.6 already collects data for 3.6.1**
- **WP.6 already collects data relevant for 9.1.2; WP.5 issued recommendations on sustainability of international transport systems**
- **More information at <http://tiny.cc/unece-SDGs>**



2017

WP.6 meeting, 7-9 June, Geneva

- Half-day workshop on methods in rail statistics collection
- Pilot questionnaire results on rail safety and level crossings will be shared, to ascertain current data availability and identify next steps
- Discuss Glossary 5th edition
- Discuss future of Pilot Questionnaires and WEBCOQ submissions
- 2015 E-Road and E-Rail Census results dissemination
- Country presentations


UNECE strives to meet member States' statistical needs





**SAFE, CLEAN, SECURE AND EFFICIENT
 MOBILITY FOR PEOPLE AND FREIGHT**

 Inclusive International Legal Architecture

 Effective Public Administration

 International Cooperation

 Innovative Financing

 New Technologies

 Social Responsibility

enablers

objectives

Seamless B / C

Facilitated international transport

Reduced GHG emissions

Reduced air / noise pollution

Increased P.T. Mobility Choices

Zero traffic fatalities and injuries

Efficient transport services

Enjoyable walking and cycling

*The future
 Inland Transport
 WE WANT!*

