

The Working Party on Transport Statistics (WP.6)

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*Working Party on Transport Trends and Economics (WP.5)
Geneva, 4-6 September 2017*



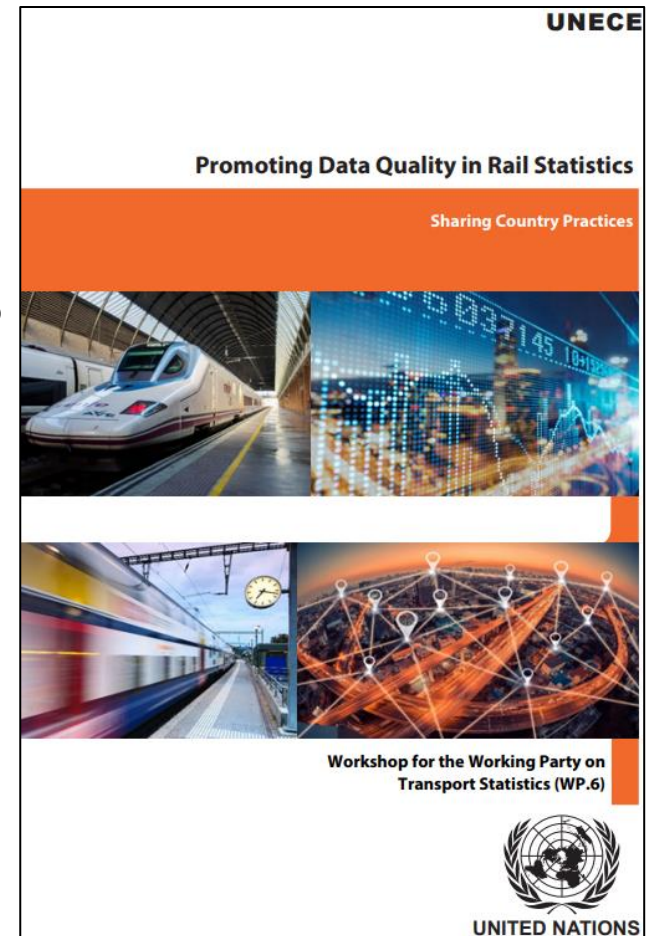
Overview

- **WP.6 in 2017**
- **Capacity Building**
- **Data Collection and Dissemination**
 - **New E-Road Census Map Dissemination**
- **Methodology**
 - **Transport Glossary Group of Experts**



WP.6 in June 2017

- Half-day workshop on collecting rail statistics
 - Details at <http://tiny.cc/UNECE-Rail-Stats>
- Glossary revision process elaborated, establishing an Informal Group of Experts to provide input
- Pilot questionnaires approved/extended



SDG & Statistics Workshops

Workshops focus on:

- **Mainstreaming SDGs**
- **Methodological harmonization**
- **Sharing country practices**

Upcoming Workshops	
South-East Europe	Podgorica, 12-13 October
SPECA Countries	Astana, 2-3 November
Danube Region	Ljubljana 16-17 November
Completed	
<i>SPECA Countries</i>	<i>Ashgabat, September 2016. 9 SPECA countries with UNECE, ESCAP and Euro-Asian Economic Commission. See tiny.cc/Ashgabat-2016</i>



Data Collection

- **Web common questionnaire (with ITF/OECD and Eurostat)**
 - Covers infrastructure, vehicle fleet and traffic levels
 - Road, rail, inland waterways, pipelines
 - Always open to receive data, but we now send reminders every Autumn
- **Road accidents questionnaire to countries not covered by the CARE database**
 - Very detailed breakdown (age, gender, road user etc.)
 - Data collected every ~2 years

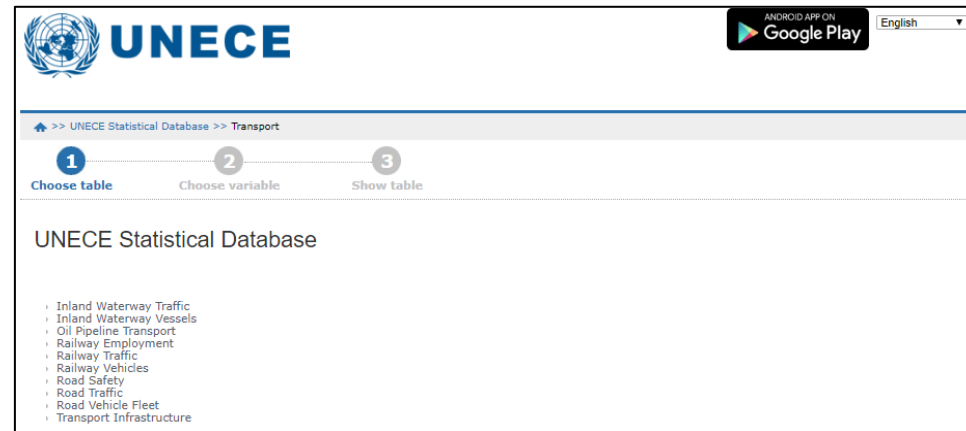


Pilot Questionnaires

- **Rail accidents** collected in 2017 for 1st time, data will be published this Autumn
- **Bus and coach pilot** collected for 5+years, data will be published this Autumn
- **Safety at Level Crossings** sent out this Summer, results pending

Improved Data Disseminated Online

- Webcoq data now published ~3 times a year, last update in May
- Road safety data updated in July
- Many more indicators added, and dissemination cubes simplified in August
- Download data here: <http://w3.unece.org/PXWeb/en>



The screenshot shows the UNECE Statistical Database website. At the top left is the UNECE logo. To the right is a 'Google Play' button and a language dropdown menu set to 'English'. Below the header is a breadcrumb trail: '>> UNECE Statistical Database >> Transport'. A progress indicator shows three steps: 1. Choose table (active), 2. Choose variable, and 3. Show table. The main content area is titled 'UNECE Statistical Database' and lists several categories with expandable arrows: Inland Waterway Traffic, Inland Waterway Vessels, Oil Pipeline Transport, Railway Employment, Railway Traffic, Railway Vehicles, Road Safety, Road Traffic, Road Vehicle Fleet, and Transport Infrastructure.



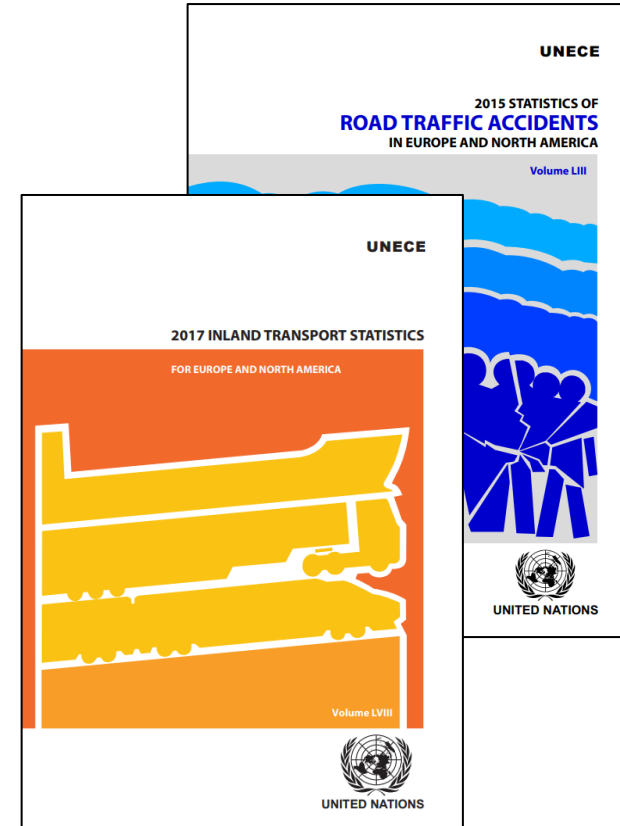
Two Main Publications

Inland Transport Statistics

- Latest version published in June

Road Accident Statistics

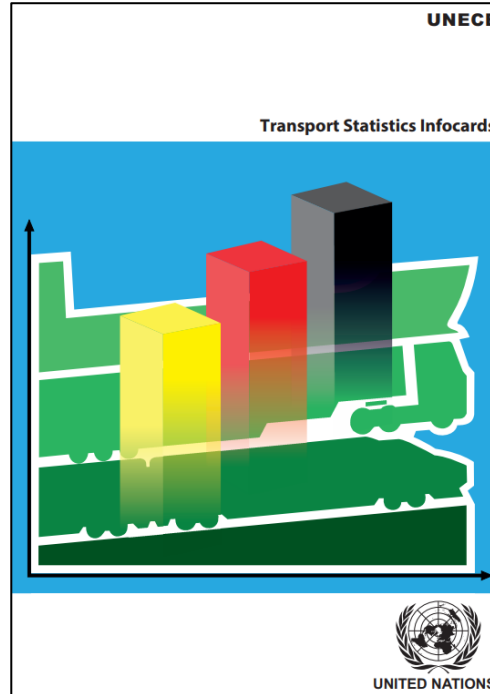
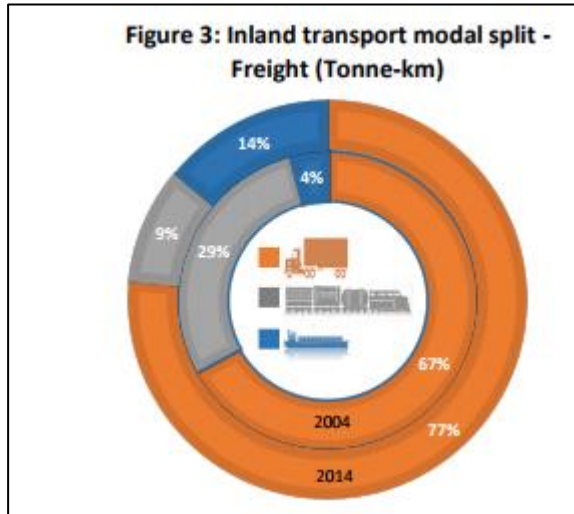
- Latest version to be published in September



All available from <https://www.unece.org/trans/resources/publications/transport-statistics.html>



Infocards: Coincides with ITC



Road deaths per	
Million inhabitants	91
100,000 passenger cars	22

Transport Statistics Infocard
Bulgaria

Area: 110,993 km² • Inhabitants: 7,223,937 (2014)
Contracting Party to 25 UN Transport Conventions under the purview of UNECE Inland Transport Committee. Contracting Party to 15 UN Road Safety Conventions.

Road and rail traffic	2014	Road casualty statistics	2014
Number of passenger cars (thousand)	3,014.0	Fatalities	660
Motorization rate (No. of passenger cars per thousand inhabitants)	417	Injured	8,639
Passenger-km by road (million)	11,447	Injury accidents	7,018
Tonne-km by road (million)	27,922	Road deaths per	
Passenger-km by rail (million)	1,702	Million inhabitants	91
Tonne-km by rail (million)	3,439	100,000 passenger cars	22
Tonne-km by Inland Waterways (million)	5,074	Severity of road traffic accidents	
		Fatalities per 1,000 injury accidents	94

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

Year	Road (million)	Rail (million)
2004	13,029	2,404
2014	11,447	1,702

Figure 2: Casualties (fatalities and injuries, per million inhabitants) Δ ± 1,000

Year	Bulgaria (per million inhabitants)	UNECE (per million inhabitants)
2004	4,660	1,328
2009	3,892	1,286
2014	4,098	1,287

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

Year	Road (%)	Rail (%)	Waterways (%)	Other (%)
2004	67%	29%	4%	0%
2014	77%	29%	4%	9%

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

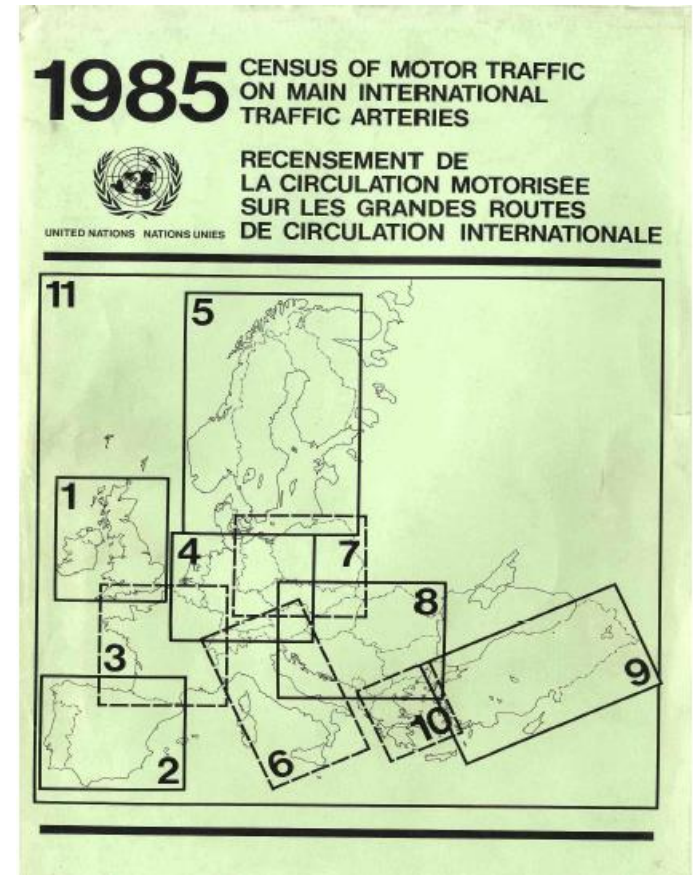
Year	Bulgaria (per 1,000 injury accidents)	UNECE (per 1,000 injury accidents)
2004	120	40
2006	125	38
2008	130	35
2010	115	32
2012	95	30
2014	94	28

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)

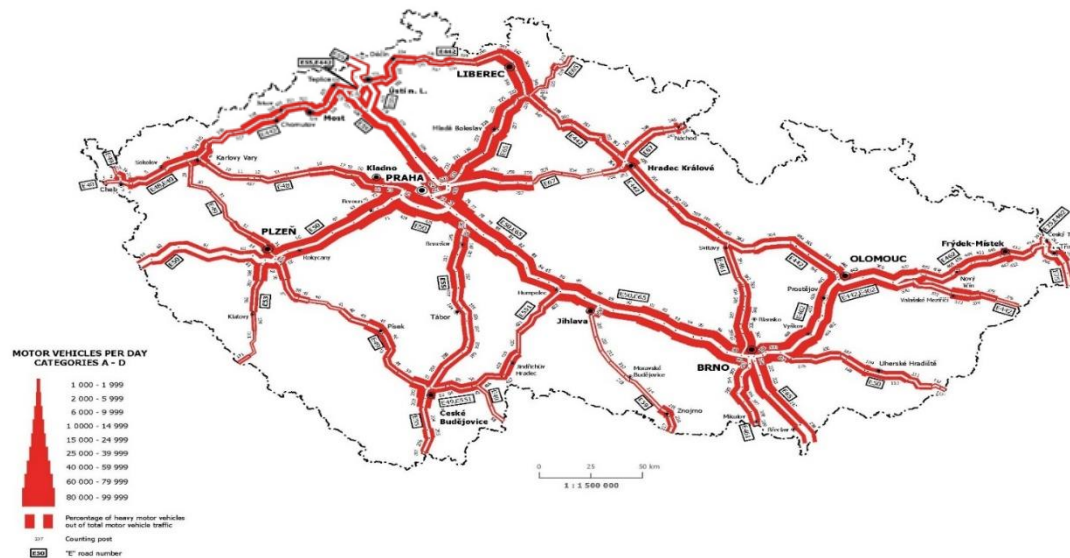
E- Censuses

- **Unique international traffic censuses, providing comparable data on traffic flows on main European routes**
- **E-Road: For 2015, data received from 17 countries.**
- **E-Rail: Deadline for responses: July 2017.**



Road Traffic: E-Road Census

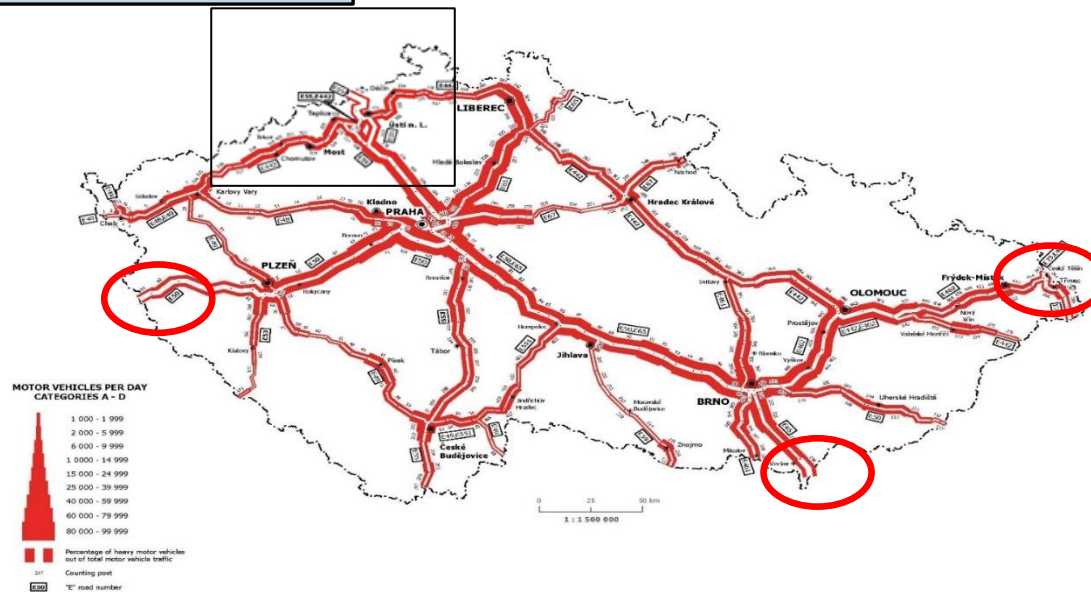
CENSUS OF MOTOR TRAFFIC ON THE CZECH REPUBLIC E-ROADS IN 2016



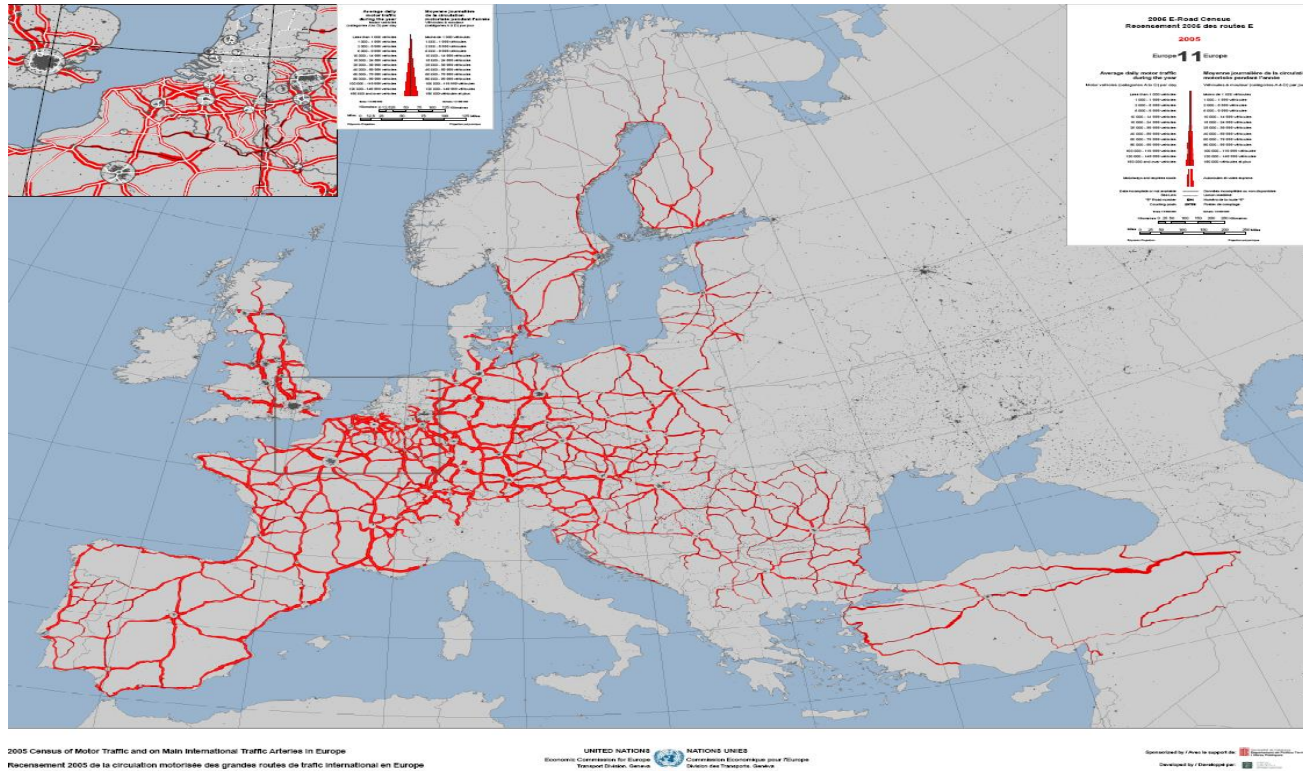
Road Traffic: E-Road Census

White thickness indicates HGV %. We can see at a glance where the crucial goods border crossings are, and how much of border crossings is trade

MOTOR TRAFFIC ON THE CZECH REPUBLIC E-ROADS IN 2016



E-Road: Interactive European map



E-Road Census

- **Data available for 2005, 2010 and 2015, all shown on the map as layers**
- **Good data availability for 2005**
- **2015 only a few countries supplied Shape files. To be improved!**



E-Rail Census

E - Rail Traffic Census 2010

Traffic flows on the rail network 2010
Dopravné prúdy na železničnej sieti 2010

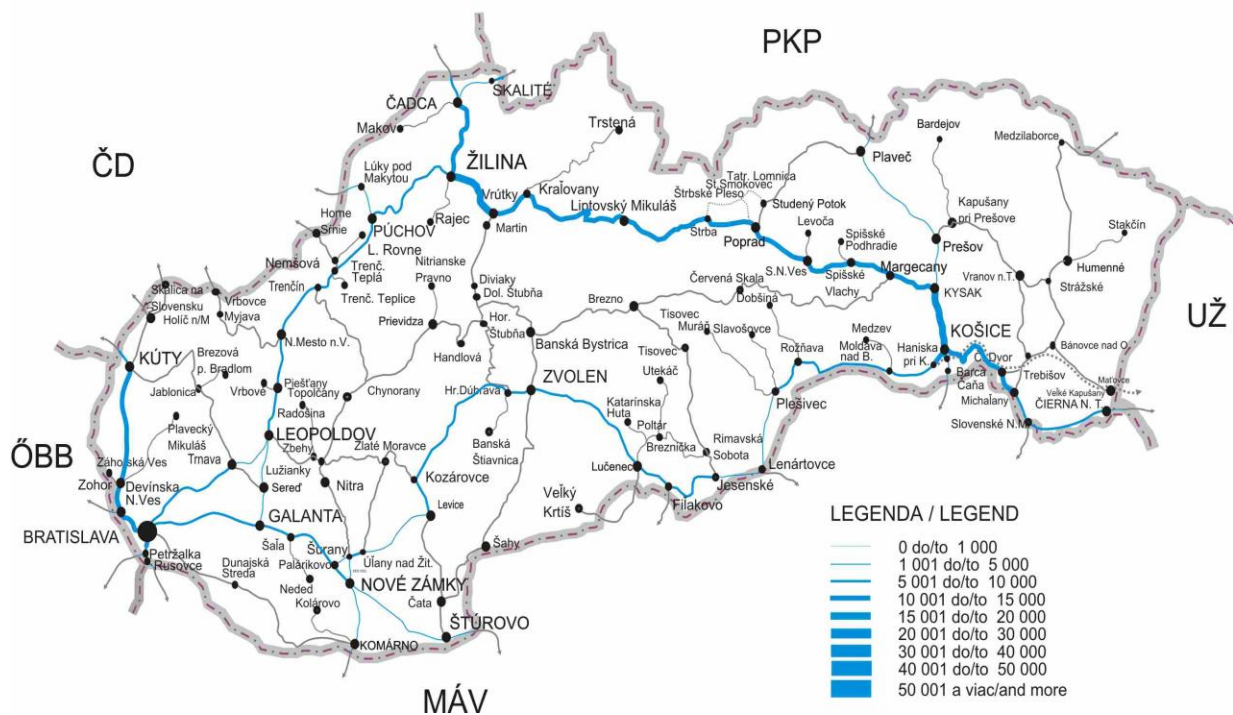
Railway lines AGC, AGTC and TEN
Železničné trate AGC, AGTC a TEN

Goods trains

Nákladné vlaky

The Slovak Republic

Slovenská republika



E-Rail Census

E - Rail Traffic Census 2010

Traffic flows on the rail network 2010
Dopravné prúdy na železničnej sieti 2010

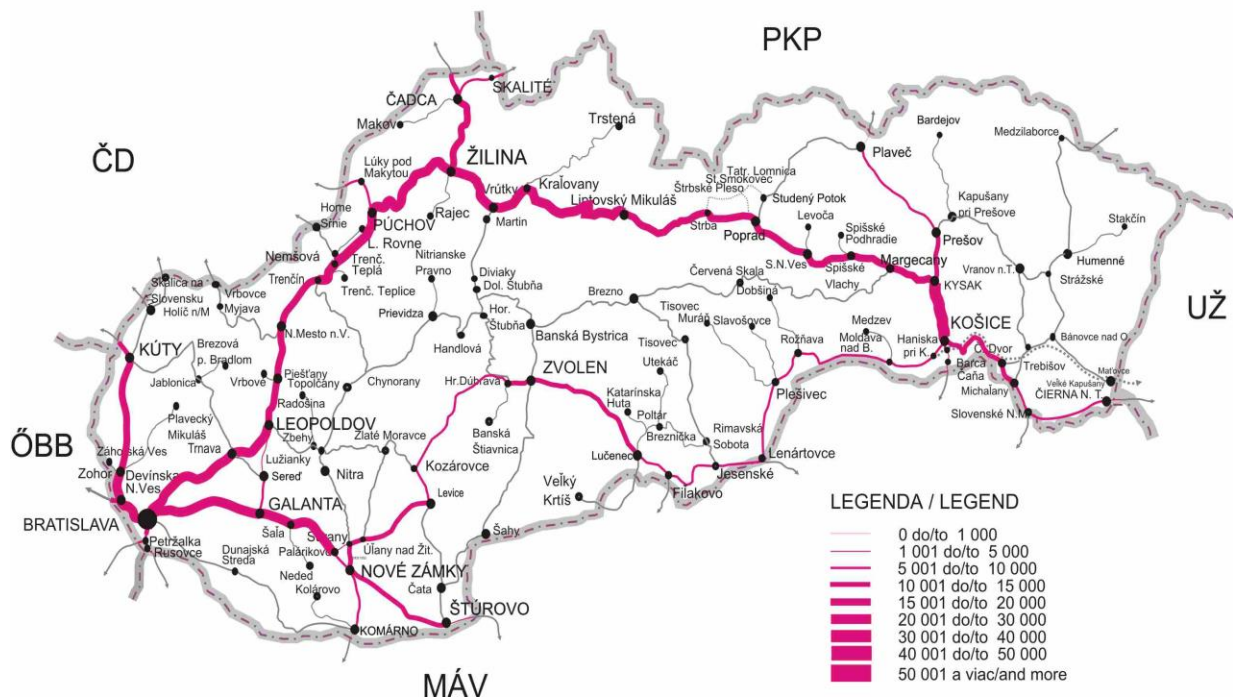
Railway lines AGC, AGTC and TEN
Železničné trate AGC, AGTC a TEN

Passenger trains

Osobné vlaky

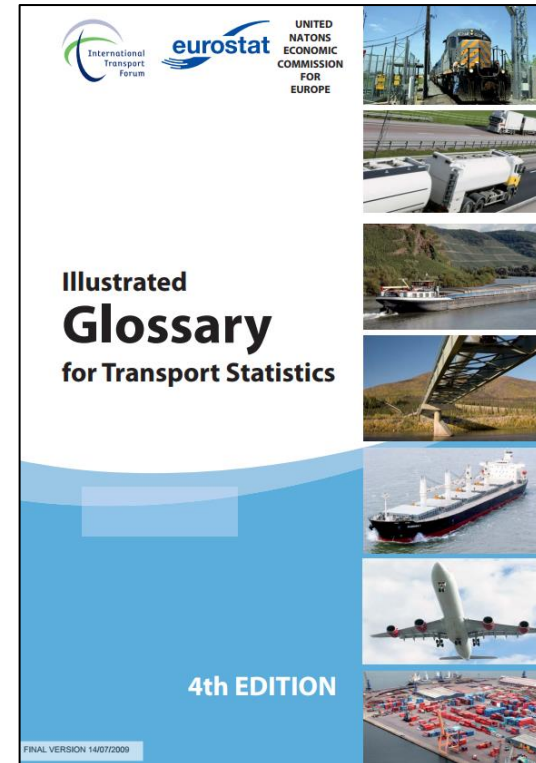
The Slovak Republic

Slovenská republika



Glossary Revision

- **Glossary first published 1994**
- **Covers ALL Modes**
 - Infrastructure
 - Transport equipment
 - Traffic
 - Safety
 - Ancillary topics: economic performance, employment, energy consumption
- **4th Edition published 2009. We now need a 5th**



Glossary revision process

- **Informal Group of Experts established under WP.6**
- **Experts from 11 countries, covering most modes (not pipeline or inter-modal)**
- **Many international organisations taking part**
- **Collaboration starting now, with review of existing definitions and agreeing a roadmap, meetings to follow**
- **A long process expected**



Glossary revision process

New:
Maritime
Accidents

New:
Environmental
Impact

New:
Passenger
Mobility

Improve
geographical
scope

Review
existing
definitions



Summary

- **Comments on the E-Road Census map?**
- **Can you contribute to the Glossary revision process?**
- **Can your country send us more data or engage with us on statistical matters?**

Thank you! Questions?

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