

UNECE E-Road Census and Transport Statistics Glossary

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SC.1

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Working Party 6: Introduction

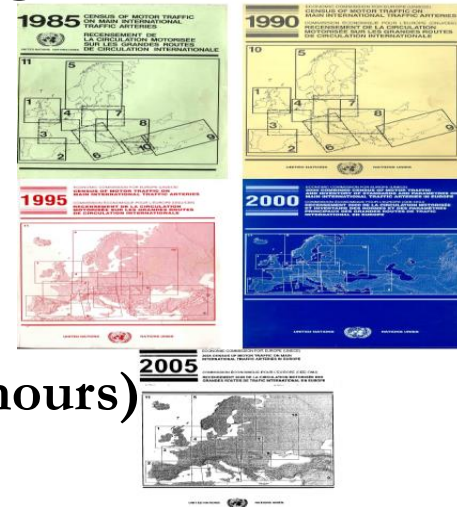
WP.6: A forum for inland transport statistics under the Inland Transport Committee, dealing with:

- Methodology development and harmonization
- Compilation and dissemination of data for UNECE member States
- Capacity building activities



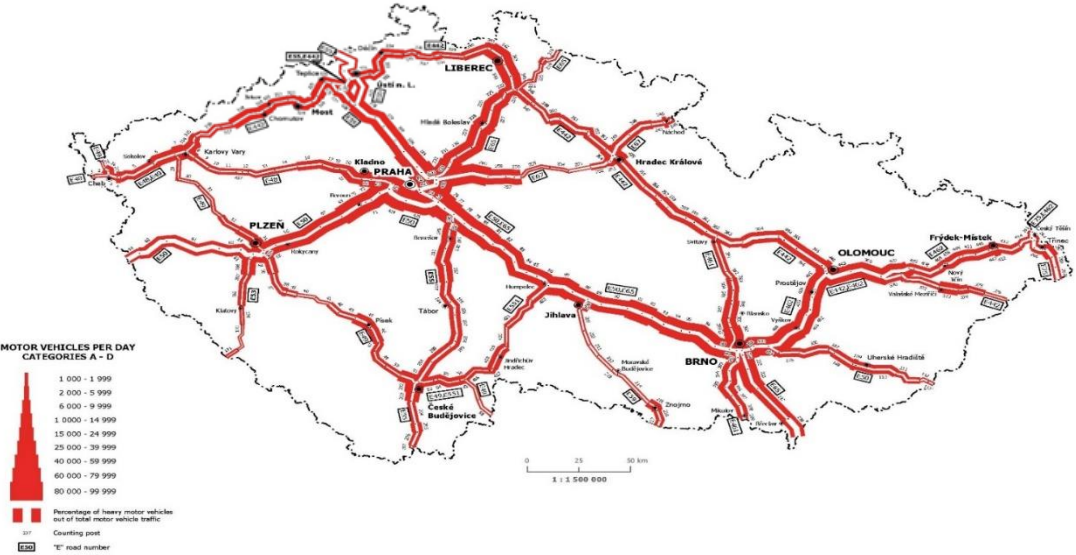
E-Road Census: a long tradition

- Unique international road census, providing comparable data on main European roads (defined in Annex I of European Agreement on Main International Traffic Arteries (AGR) of 1975 as amended)
- Total length of E-Roads, by width and number of carriageways and lanes
- **E-Road sections' average annual daily traffic (AADT)**
- Counting posts on E-Roads
- Distribution of motor traffic by vehicle category
- Specific usage of roads (traffic at night, holidays, peak hours)



Road Traffic: E-Road Census

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

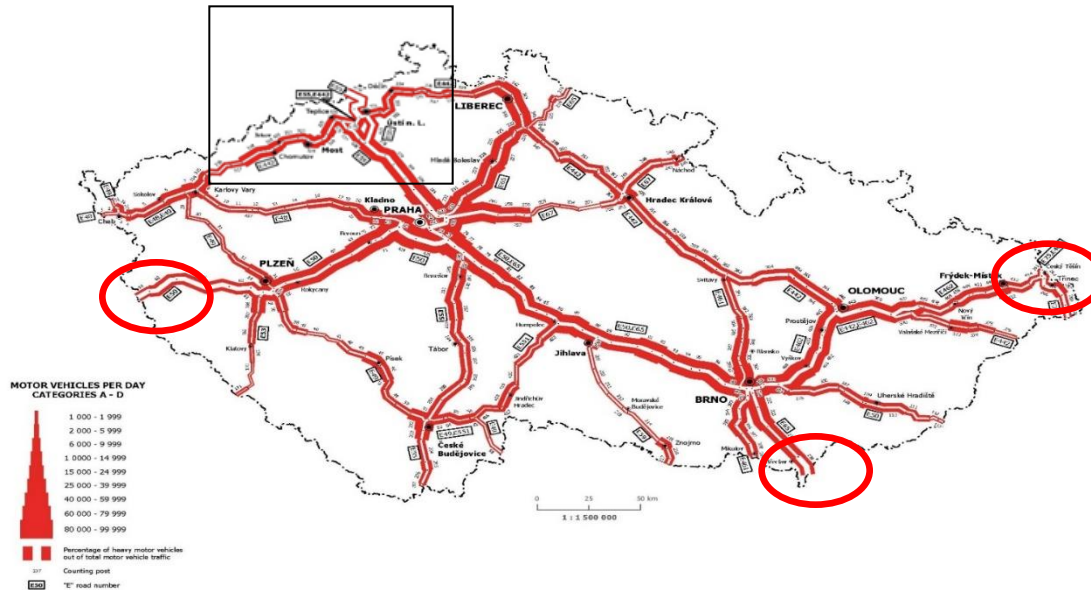


Road Traffic: E-Road Census

White thickness indicates
HGV %. Shows the crucial
goods border crossings



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



Road Traffic: E-Road Census



<https://www.unece.org/trans/areas-of-work/transport-statistics/statistics-and-data-online/e-roads/traffic-census-map.html>

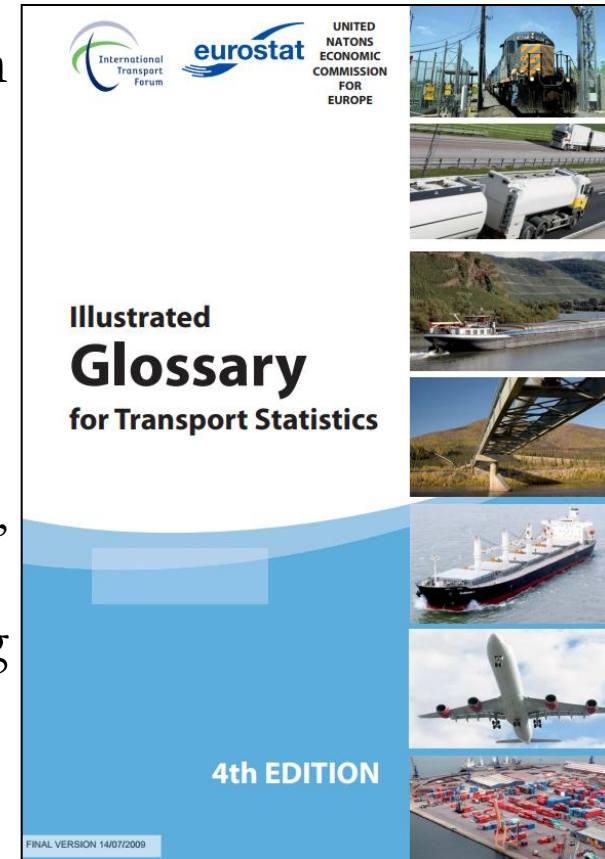
E-Road Census: What's needed

- Only covers the E-Road network (as defined in the AGR)
 - typically the top-level network
- AADT figures for each segment (defined by location of counting posts)
- Each post's geolocation. With basic free mapping software (e.g. ArcGIS) this is easily converted to a Shape file
- Using the same posts for future censuses improves long-term comparability



Glossary Revision

- Glossary first published 1994. Joint publication with ITF and Eurostat
- Covers ALL Modes
 - Infrastructure
 - Transport equipment
 - Traffic
 - Safety
 - Ancillary topics: economic performance, employment, energy consumption
- 4th Edition published 2009. Work now starting on 5th



Glossary revision process

- Informal Group of Experts established under WP.6
- Experts from 13 countries, covering most modes, and many international organisations (incl. International Road Federation)
- Collaboration starting with review of existing definitions and agreeing process, meetings to follow; a long process expected
- **More inputs from Road Experts welcome**



Glossary revision process

New:
Maritime
Accidents

New:
Environmental
Impact

New:
Passenger
Mobility

Improve
geographical
scope

Review
existing
definitions

Summary

- **Census map available at <https://www.unece.org/trans/areas-of-work/transport-statistics/statistics-and-data-online/e-roads/traffic-census-map.html>**
- **Producing a census map isn't complicated**
- **Can you contribute to the next edition of the Glossary?**
- **All our data available at <https://www.unece.org/trans/main/wp6/wp6.html>**

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