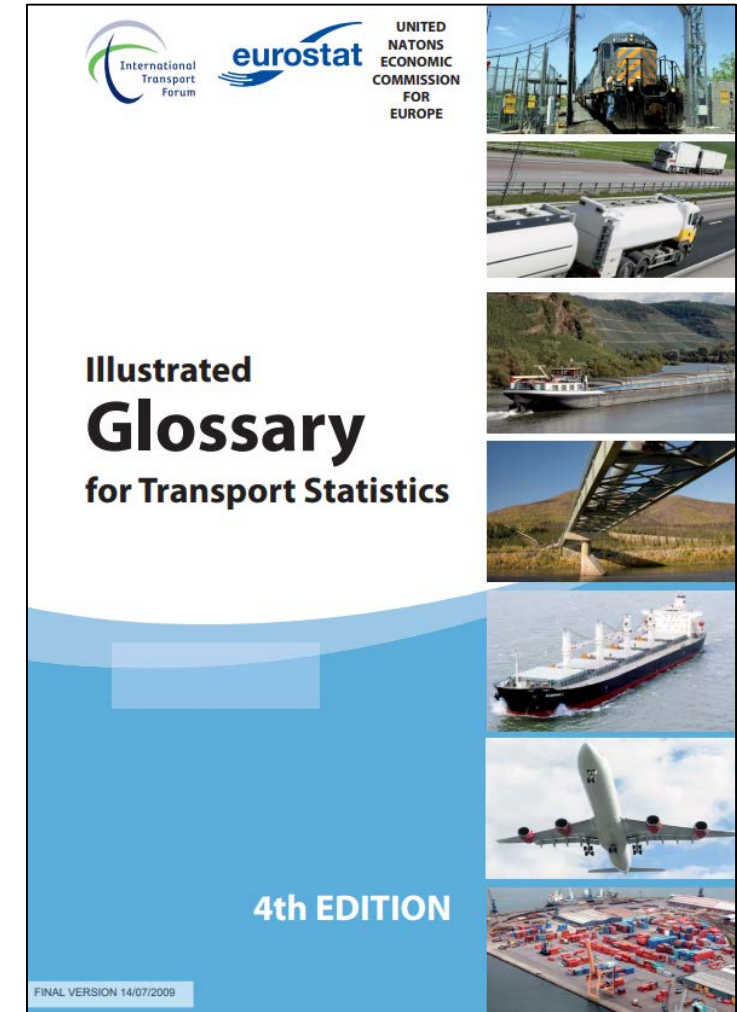


The Glossary for Transport Statistics: 5th Edition Production Process

Alex Blackburn

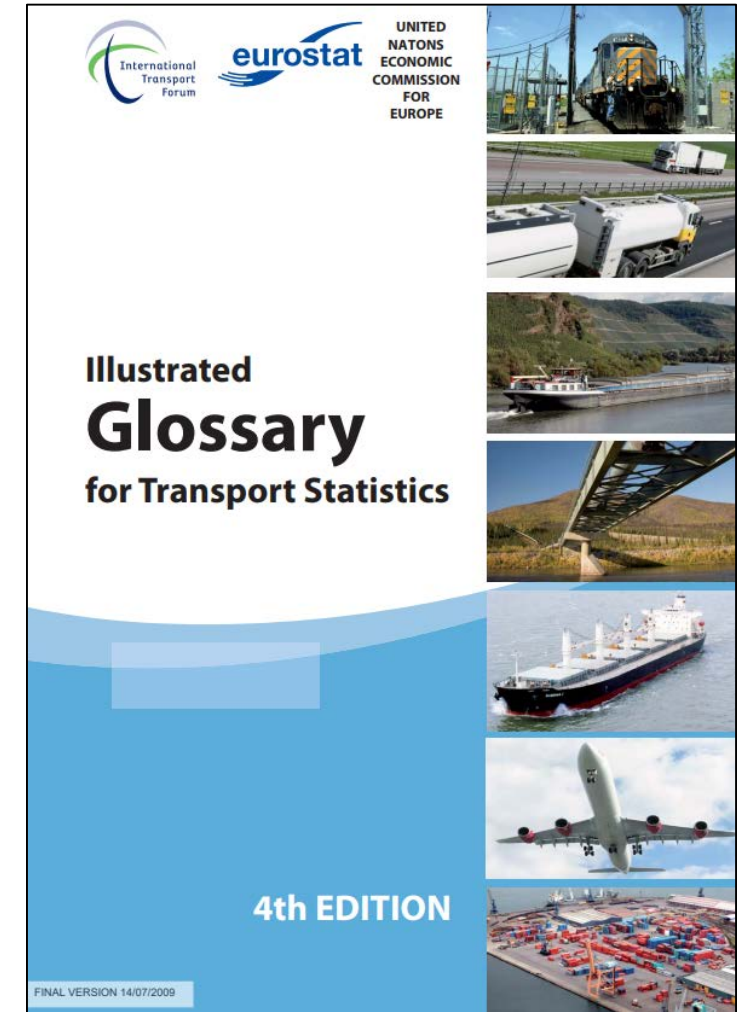
*Presentation to Working Party on Transport Statistics
(WP.6)*

Geneva, 12-14 June 2018



Overview

- Background
- Structure of work
- Considerations
- Process followed
- Overview of updates
- Next steps



Background

- Glossary is the principal reference tool for international transport statistics production, existed since early 1990s
- 4th edition published in 2009, joint publication of Eurostat/ITF/UNECE
- Since then updates have been discussed and/or agreed by WP.6 on
 - 2016: new passenger vehicle fuel types
 - 2016: line and track modifications of text (from EUAR)
 - 2015: IWW and gas and oil pipelines
- Agreed at WP.6 in 2016 that a new edition was needed



Informal group of Experts

- WP.6 in 2017 agreed to establish an informal Group of Experts (terms of reference **ECE/TRANS/WP.6/2017/1**)
- Experts from sixteen member States indicated interest, **high country engagement**
- Seven international organisations (plus ITF, Eurostat, UNECE). Big input from DG-MOVE, CCNR, EMSA, EUAR, UIC
- Work organized by mode, with these coordinators:
 - Spain (Air)
 - Norway (Maritime)
 - Canada (Rail)
 - Sweden (Road)
- No coordinator for other modes (but less fundamental changes to consider)



Group of Experts work

- September 2017: plenary conference call
- September 2017 to February 2018: suggestions made by countries and organisations
- February-March 2018: discussion of comments
- March 2018: proposals discussed at in-person meeting at ITF, **with country coordinators** and organisations
- April/May 2018: follow-up discussions and sharing of final decisions with all Group of Experts
- May 2018: final draft produced in time for WP.6 consideration

Ambitious timetable!



Considerations in the Update

- Reviewing existing errors and fixing problems. Removing unused definitions or self-explanatory variables (*“State of occurrence: The State in...which an accident occurs.”*)
- New section on maritime accidents
- New sections for passenger mobility and the environmental impact of transport (to be considered later)
- Improving the global scope (do definitions reflect all transport modes in all countries?)
- Updates that reflect changes in technology (autonomous vehicles, taxi hailing), legislation, habits, data collection (bus and coach statistics)
- Aim for consistency across modes (desirable, but not always possible)



Philosophy

What is the Glossary's overall purpose?

- A manual for the Common Questionnaire?
- A global reference tool for all transport statistics?
- A classification system?
 - (NST 2007 is only transport statistics classification recognized by UN)
- Something else?



Cross-modal comparisons

A. RAIL TRANSPORT	B. ROAD TRANSPORT	C. INLAND WATERWAY TRANSPORT
Yes	Yes	Yes
Accidents	Accidents	Inland waterway accidents
A.I-01 Accident	B.I-01 Injury accident	C.I-01 Accident
A.I-02 Suicide	B.I-02 Fatal accident	C.I-02 Inland Waterways accident
A.I-03 Attempted suicide	B.I-03 Non-fatal accident	C.I-03 Injury accident
A.I-04 Significant accident	B.I-04 Casualty	C.I-04 Fatal accident
A.I-05 Significant damage to stock, track, other installations or environment	B.I-05 Person killed	C.I-05 Non-fatal accident
A.I-06 Extensive disruptions to traffic	B.I-06 Person injured	C.I-06 Person killed
A.I-07 Injury accident	B.I-07 Person seriously injured:	C.I-07 Person injured:
A.I-08 Serious injury accident	B.I-08 Person slightly injured:	C.I-08 Serious injury
A.I-09 Person killed (Fatality)	B.I-09 Driver involved in an injury accident	An injury which is sustained by a person in a casualty res.
A.I-10 Person injured	B.I-10 Passenger involved in an injury accident	C.I-09 Person seriously injured:
A.I-11 Collisions (collision of trains), including collisions with obstacles within the clearance gauge	B.I-11 Pedestrian involved in an injury accident	Any person injured who was hospitalized for a period of m
A.I-12 Derailment	B.I-12 Accident between road vehicle and pedestr	C.I-10 Person slightly injured:
A.I-13 Level crossing accidents	B.I-13 Single-vehicle road accident	C.I-11 Inland waterway casualty
A.I-14 Accidents to persons caused by rolling stock in motion	B.I-14 Multi-vehicle road accident	C.I-12 Very serious casualty
A.I-15 Fires in rolling stock	B.I-15 Accident with drivers reported under the influence of alcohol, drugs or medication	C.I-13 Serious casualty
A.I-16 Category of person in railway accident statistics	B.I-16 Daylight	C.I-14 Inland waterway incident
A.I-17 Accident involving the transport of dangerous goods	B.I-17 Darkness	C.I-15 Causes of an inland waterways accident
	B.I-18 Twilight (or unknown)	C.I-16 Daylight
	B.I-19 Dry road surface	C.I-17 Darkness
	B.I-20 Other road surface	C.I-18 Twilight (or unknown)

(Created by Trafa Sweden)

TRANSPORT







Search

- General Issues
- ▼ Proposed changes by mode
 - Consolidated Changes 2018/03/01
 - A. RAILWAY TRANSPORT
 - **B. ROAD TRANSPORT**
 - C. INLAND WATERWAY TRANSPORT
 - D. PIPELINE TRANSPORT
 - E. MARITIME TRANSPORT
 - F. AIR TRANSPORT
 - G. INTERMODAL FREIGHT TRANSPORT
 - H. ENERGY IN TRANSPORT (New Chapter)
- Cross-cutting proposals
- Administrative issues



B. ROAD TRANSPORT

  Created by Nathan Menton, last modified about 5 hours ago

Road transport subgroup contact list (updated 21 Dec)

The coordinator for road is **Maria Melkersson of Sweden Traffic Analysis** (Maria.Melkersson@trafa.se). The relevant consultant is **Marie-No**

General Issues

- 2018/01/18 EC-DG MOVE - [EN](#)
- 2018/01/23 Note from UNECE: the pilot questionnaire on bus and coach statistics collected by Eurostat and UNECE through the Web Co (seat-km offered etc) that will need to be added to the road chapter. See the terms used in the data cube: [here](#). Some of these terms are being synonymous with scheduled sea service E.IV-02 (and could therefore be taken with some small modifications). Some other terms
- 2018/01/30 International Road Federation - [EN](#)

B.I INFRASTRUCTURE

- 2018/01/30 Sweden - [EN](#) (concerns **B.I-05**, category of road; and **B.I-18** Urban area)
- 2018/01/30 Finland - Concerning **B.I-13** Bus lane: add "or low emission cars" to the text in italics.
- 2018/01/30 International Road Federation - [EN](#)
- 2018/01/29 UNECE **2+1 Road** (Placeholder, further details to come).
- 2018/04/11 DG MOVE - [Bicycle infrastructure proposal](#)

B.II TRANSPORT EQUIPMENT

- **2016** (Submitted to the UNECE Working Party on Transport Statistics by the secretariat) - [EN / FR / RU](#)
- **Note from UNECE and the ITF**: We plan to add definitions for what constitutes an **autonomous vehicle** here, based on SAE level (J30)
- 2018/01/30 Finland - [EN](#) (comments concern **B.II.A-11** passenger cars (addition of micro-cars); **B.II.A-12** Taxi, and new definitions for au
- 2018/01/30 Sweden - [EN](#) (concerns **B.II.A-14** Motor-coach, mini-coach, bus or mini-bus; and **B.II.A-34** special purpose vehicle)
- 2018/04/03 UNECE - [EN](#) (coordination with UN Consolidated Resolution on the Construction of Vehicles (R.E. 3)) - Updated 5 Apr 2018

Reorganisation and cross-cutting

- Energy and Intermodal sections in multiple chapters, led to inconsistency and redundancy. Therefore both have been removed and combined as stand-alone chapters.
- Energy definitions refined based on energy statistics terminology, but not always possible to 100% align the two domains:
 - inland waterways (transport) \neq domestic navigation (energy)
- Enterprises, economic performance and employment renamed Enterprises, investment and maintenance (and some generic definitions removed as they are not transport specific)



Summary of updates: Rail

- Comments provided by Latvia railways, Swiss railways SBB (through UIC), Russian railways RZD, Sweden, Austria...
- New structure for rail infrastructure section proposed by E.U. institutions. Consideration of how tracks/lines/main lines etc fit together
- Additions of level crossing definitions (used for accident statistics)



Summary of Updates: Road

- Add terms used in the bus and coach statistics pilot questionnaire (many based on existing glossary definitions, e.g. **seat-km offered** from rail chapter)
- Addition of bike infrastructure terms
- Refining of vehicle nomenclature based on updated classification, including definition of autonomous vehicle
- Additional definition added for MAIS injury levels in the road chapter



Summary of Updates: Inland Waterways

- 2013+2016 WP.6 proposals concerning infrastructure and transport equipment
- Many considerations for change came from Eurostat project on IWW passengers and accidents, e.g. *urban IWW transport vessel* definition
- Harmonization with maritime (where possible)



Summary of Updates: Pipeline

No significant changes (pipelines > pipeline)



Summary of Updates: Maritime

- Addition of ferry service
- New maritime accident section. Significant input from European Maritime Safety Agency
- Definitions added for territorial sea, international waters etc.
- Harmonisation with IWW (where possible)



Summary of Updates: Air

- “Aircraft by design” changed to “aircraft by configuration”
- New definitions for investment expenditure



Summary of Updates: Intermodal

- Amalgamation of all intermodal sections from earlier Glossary
- “Combined freight transport” deleted as only applied in a European context
- “Piggyback transport”, “transport chain”, “intermodal freight terminal”, “loading unit”, “container”, “swap body” added or refined



Next Steps

- Up to **August 24th**: opportunity for comments by member States
- September: final edits (still a significant amount of tidying up required)
- October: formatting, translation, publication process starts
- January 2019: member States to check translation
- March 2019: publication?
- Environmental impact of transport and passenger mobility: to come later as an annex (in time for publication?)

Online interactive Glossary?



Discussion

- <https://statswiki.unece.org/display/TSG/> contains draft version and description of changes
- Discussion on **process** welcome...
- Comments on definitions should all be made in writing (for clarity)

Thank you

