

# Future changes to data dissemination on UNECE website

*WP.6 Working Party on Transport Statistics  
Geneva, 7 - 9 June 2017*



# Current website

- **Transport statistics part of overall dissemination of UNECE statistics**
  - 10 well-defined topics within Transport regarding road, rail, inland waterway and pipeline transport
  - **Quick Statistics** options at top of page allow for comparison between countries for key indicators
  - Accessible via mobile app



# Current website

- Example of *Road Traffic Accidents* shows areas needing improvement

- Long list of options
- Table titles sometimes confusing
- Not all indicators in UNECE's *Road Accident Statistics* publication are available
- Similar issues observable in other topics – particularly *Road Vehicle Fleet*

↑ >> UNECE Statistical Database >> Transport >> Road Traffic Accidents

1 Choose table      2 Choose variable      3 Show table

UNECE Statistical Database

- Number of injury accidents, killed and injured
- Fatality or injury rates per million inhabitants by Country, Total Accidents and Time
- Road Accidents by Country, Accident Type, Location and Time
- Road Accidents by Country, Accident Type, Month and Time
- Road Traffic Accidents by Country, Accident Type, Day of Week and Time
- Road Accidents by Country, Accident Type, Light Condition and Time
- Road Traffic Accidents by Country, Accident Type, Road Condition and Time
- Road Traffic Accidents Involving Personal Injury by Country, Accident Type, Nature of Accident and Time
- Road Accidents Involving One or More Persons under the Influence of Alcohol by Country, Accidents and Time
- Pedestrians and Drivers, under the Influence of Alcohol, Involved in Accidents by Country, Pedestrians or Category of Drivers and Time
- Number of casualties (=fatalities +injured) in road traffic accidents
- Distribution of fatalities in road traffic accidents by road users
- Drivers injured in road traffic accidents
- Drivers killed in Road traffic accidents
- Distribution of injured in road traffic accidents by road users
- Persons Killed or Injured in Road Traffic Accidents by Country, Category of User, Accident Type, Age Group and Time
- Road Traffic Accidents in Built-up Areas Involving Personal Injury by Country, Accident Type, Nature of Accident and Time
- Severity of road traffic accidents (fatalities per 1000 accidents)
- Number of fatalities per 100 000 passenger cars
- Number of injured per 100 000 passenger cars
- Injury accidents for Powered Two Wheelers

# Dissemination Principles

- Disseminate *all* data available in database
- Clear, consistent table titles without extraneous information

*Road Traffic Accidents by **Country**, Accident Type, Road Condition and **Time***

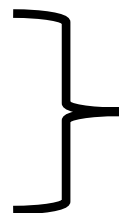


*Road traffic **fatalities, injuries** and accidents **involving injury** by road condition*

- Combine tables wherever cross-tabulations are available between variables

*Number of fatalities per 100 000 passenger cars*

*Number of injured per 100 000 passenger cars*



*Rate per 100 000 passenger cars of road traffic fatalities and injuries*

# Overview of substantive changes (1/3)

- **Number of tables decreases from 54 to 44 while data available increases**
- **Road Safety**
  - Topic name changed from *Road Traffic Accidents* to *Road Safety*
  - Number of tables decreases from 21 to 12 through consolidation
  - New table with breakdown by gender and age group
- **Road Vehicle Fleet**
  - Number of tables decreases from 12 to 8 through consolidation
  - Additional data disseminated for all vehicle categories (previously limited in several cases)
  - New tables on new vehicle registrations (previously only passenger cars)
  - New tables on goods road vehicles operated for hire or reward

# Overview of substantive changes (2/3)

- **Road Traffic**

- Additional data disseminated for goods road vehicle operated for hire or reward

- **Railway Employment**

- No substantive changes

- **Railway Vehicles**

- New tables on railcars, vans, passenger carriages and wagons (previously only locomotive data available)

- **Railway Traffic**

- Both passenger and good transport tables consolidated
- New table on train movements



# Overview of substantive changes (3/3)

- **Inland Waterway Vessels**
  - New table on vessels by carrying capacity
  - Additional data disseminated on vessel power
- **Inland Waterway Traffic**
  - Additional data disseminated by type of propulsion
- **Oil Pipeline Transport**
  - Additional data disseminated on tonne-kilometres
- **Transport Infrastructure**
  - New table on total length of inland waterways
  - Additional data disseminated for infrastructure density of each transport mode (previously railways only)



# Proposed changes Road Safety

Current structure	New structure
Number of injury accidents, killed and injured	Road traffic fatalities and injuries , rate per million inhabitants and rate per 100 000 passenger cars
Fatality or injury rates per million inhabitants by Country, Total Accidents and Time	
Number of fatalities per 100 000 passenger cars	
Number of injured per 100 000 passenger cars	
Road Accidents by Country, Accident Type, Location and Time	▶ Road traffic fatalities, injuries and accidents involving injury by location
Road Accidents by Country, Accident Type, Month and Time	▶ Road traffic fatalities, injuries and accidents involving injury by month
Road Traffic Accidents by Country, Accident Type, Day of Week and Time	▶ Road traffic fatalities, injuries and accidents involving injury by day of week
Road Accidents by Country, Accident Type, Light Condition and Time	▶ Road traffic fatalities, injuries and accidents involving injury by light condition
Road Traffic Accidents by Country, Accident Type, Road Condition and Time	▶ Road traffic fatalities, injuries and accidents involving injury by road condition
Road Traffic Accidents Involving Personal Injury by Country, Accident Type, Nature of Accident and Time	Road traffic fatalities, injuries and accidents involving injury by nature of accident and area
Road Traffic Accidents in Built-up Areas Involving Personal Injury by Country, Accident Type, Nature of Accident and Time	
Road Accidents Involving One or More Persons under the Influence of Alcohol by Country, Accidents and Time	▶ Road traffic fatalities, injuries and accidents involving injury where one or more person was under the influence of alcohol
Pedestrians and Drivers, under the Influence of Alcohol, Involved in Accidents by Country, Pedestrians or Category of Drivers and Time	▶ Pedestrians and drivers, under the influence of alcohol, involved in accidents by category of user
Number of casualties (=fatalities +injured) in road traffic accidents	<b>X</b>
Distribution of fatalities in road traffic accidents by road users	Fatalities and injuries in road traffic accidents by category of user and age group
Persons Killed or Injured in Road Traffic Accidents by Country, Category of User, Accident Type, Age Group and Time	
Drivers injured in road traffic accidents	
Drivers killed in Road traffic accidents	
Distribution of injured in road traffic accidents by road users	
Injury accidents for Powered Two Wheelers	
	<b>NEW</b>
	Fatalities and injuries in road traffic accidents by gender and age group
Severity of road traffic accidents (fatalities per 1000 accidents)	▶ Severity of road traffic accidents involving injury (fatalities per 1000 accidents)



# Proposed changes Road Vehicle Fleet

## Current structure

## New structure

Powered Two Wheelers

Passenger cars per 1000 inhabitants

Passenger Vehicles (number) at 31 December by Country, Vehicle Category and Time

Motor Coaches and Buses and Trolleybuses at 31 December by Country, Age Group and Time

Number of Motor Coaches, Buses and Trolleybuses at 31 December by Country, Fuel Type and Time

Number of Lorries at 31 December by Country, Load capacity and Time

Capacity of Lorries (1000 tonnes) at 31 December by Country, Load capacity and Time

Capacity of Semi-trailers (1000 tonnes) at 31 December by Country, Load capacity and Time

Number of Semi-trailers at 31 December by Country, Load capacity and Time

Capacity of Trailers (1000 tonnes) at 31 December by Country, Load Capacity and Time

Number of Trailers at 31 December by Country, Load Capacity and Time

Passenger road vehicle fleet and rate per thousand inhabitants at 31 December by vehicle category

Road vehicle fleet at 31 December by vehicle category and age group

Road vehicle fleet at 31 December by vehicle category and fuel type

Goods road vehicle fleet and goods road vehicle capacity at 31 December by vehicle category and load capacity group

**NEW**

Goods road vehicles operated for hire or reward and their load capacity at 31 December by vehicle category

**NEW**

New road vehicle registrations by vehicle category

New Passenger Car Registrations During the Year by Country, Fuel Type and Time

New road vehicle registrations by vehicle category and fuel type

**NEW**

New goods road vehicle registrations and new goods road vehicle capacities by vehicle category and load capacity group



# Proposed changes

## Road Traffic/Railway Employment/ Railway Vehicles

Current structure	New structure
<b>Road Traffic</b>	
Carriage of goods by road (million, tkm)	Carriage of goods by road (tonne-kms)
Passenger Transport on National Territory by Country, Passenger-kilometres (millions) and Time	Passenger transport on national territory by road (passenger-kms)
Carriage of goods by road (thousand, tonne)	Carriage of goods by road (tonnes)
Motor Vehicle Movements on National Territory by Country, Vehicle-kilometres (millions) and Time	Motor vehicle movements on national territory by road (vehicle-kms)
<b>Railway Employment</b>	
Employment in Principal Railway Enterprise(s) by Country, Gender or Type of Employment and Time	Employment in Principal Railway Enterprise(s) by gender or type of employment
<b>Railway Vehicles</b>	
Mobile Equipment at 31 December by Country, Locomotives (number) and Time	Number of locomotives and locomotive power (kW) at 31 December by locomotive type
Mobile Equipment at 31 December by Country, Locomotives-power (1000 kW) and Time	
<b>NEW</b>	Number of railcars and railcar power (kW) at 31 December by railcar type
<b>NEW</b>	Number of vans at 31 December
<b>NEW</b>	Number of passenger carriages and seats and berths at 31 December by type of carriage
<b>NEW</b>	Number of wagons and capacity of wagons at 31 December by type of wagon and enterprise

# Proposed changes

## Railway Traffic/Inland Waterway Vessels/Inland Waterway Traffic

Current structure		New structure
<b>Railway Traffic</b>		
Number of Railway Passengers (1000) by Country, Passengers and Time Number of Railway Passengers-km (million)	}	Passenger transport by type of transport
Carriage of goods by rail, by Country, Tonnes Carried (1000 tonnes) and Time Carriage of goods by rail, by Country, Number of Tonne-km (millions) and Time		Carriage of goods by type of transport
	<b>NEW</b>	Train movements (train km) and hauled vehicle movements (gross tonne-km) by type of equipment
<b>Inland Waterway Vessels</b>		
Number of Self Propelled Vessels in Service at 31 December by Country, Age of Vessel and Time Capacity of Self Propelled Vessels in Service at 31 December by Country, Carrying Capacity (1000t.) versus Age of Vessel and Time		Number, carrying capacity (tonnes), and power (kW) of vessels in service at 31 December by type of vessel and year of construction
	<b>NEW</b>	Number, carrying capacity (tonnes), and power (kW) of vessels in service at 31 December by type of vessel and carrying capacity
<b>Inland Waterway Traffic</b>		
Type of Transport on National Territory by Country, Goods Carried (1000 tonnes) and Time Carriage of goods by Inland Waterways (million, tonne-km)	→	Carriage of goods by inland waterways (tonnes) by type of transport or type of propulsion Carriage of goods by inland waterways (tonne-kms) by type of transport or type of propulsion

# Proposed changes Oil Pipeline Transport/Transport Infrastructure

Current structure		New structure
<b>Oil Pipeline Transport</b>		
Carriage of oil through pipelines (1000 tonne)	—————▶	Carriage of oil through pipelines (tonnes and tonne-kms)
<b>Transport Infrastructure</b>		
Road Infrastructure at 31 December by Country, Type of Road and Time	—————▶	Total length of roads at 31 December by type of road
Total Length of Lines Operated (km) at 31 December by Country, Track Gauge and Time	—————▶	Total length of railway lines operated at 31 December by track gauge
Total Length of Lines Operated (km) at 31 December by Country, Type of Track and Time	—————▶	Total length of railway lines operated at 31 December by type of track
Total Length of Lines Operated (km) at 31 December by Country, Nature of Traffic and Time	—————▶	Total length of railway lines operated at 31 December by nature of traffic
	<b>NEW</b>	Total length of inland waterways operated at 31 December
Railway density, total length of lines operated (km) per 1000 km <sup>2</sup>	—————▶	Infrastructure density, total length per 1000 km <sup>2</sup> by transport mode



**Suggestions?**

**Comments?**

**Contact UNECE**


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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!*

