

**FACILITY FOR
EUROMED
DIALOGUE AND
EXCHANGE OF
BEST PRACTICES**

MEDSTAT IV

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**Regional workshop on the Exchange of Experiences on the
Collection and Dissemination of
Road and Railway Transport Statistics
Statistics on The Volume of Road Traffic (Vehicle-
Kilometer)**

**The EU methodological framework for the production
of statistics on the volume of road traffic and its
adaptation to Mediterranean countries in the context
of the MEDSTAT cooperation programme**

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MEDSTAT Projects

MEDSTAT: « Facility for Euromed dialogue and exchange of best practices in statistics »

- **MEDSTAT I** (1996-2003): international trade in goods and services, **transport**, migration, tourism, the environment and national accounts
- **MEDSTAT II** (2006-2009): international trade, **transport** migration, tourism, the environment, national accounts, social statistics, agriculture and energy
- **MEDSTAT III** (2010-2013): agriculture, energy, migration, social statistics, **transport**, international trade and balance of payments statistics
- **MEDSTAT IV** (2016-2019): business statistics, international trade, energy, **transport**, migration, employment

Transport statistics in the context of MEDSTAT

- **MEDSTAT I** (1996-2003): Infrastructure and equipment statistics relating to railway, **road**, sea and air transport
- **MEDSTAT II** (2006-2009): Infrastructure, equipment, **traffic and transport volumes statistics** relating to railway, **road**, sea, air and intermodal transport
- **MEDSTAT III** (2010-2013): Infrastructure, equipment, **traffic and transport volumes statistics** relating to railway, **road**, sea, air and intermodal transport + economic, technical and environmental performance indicators
- **MEDSTAT IV** (2016-2019): MEDSTAT III + SDG indicators

MEDSTAT IV

Partner Countries

- Algeria, Egypt, Israel, Jordan, Lebanon, Libya, Morocco, Palestine, Syria (cooperation suspended), Tunisia

Overall objective

- **To promote evidence-based decision-making and to foster democratic development by improving the availability, visibility and accessibility of robust, reliable and timely statistical data in the ENP South countries.**

Specific actions

- Contribution to the **production of better-quality data**
- Support to the regional thematic **Working Groups** through relevant and timely expertise and activities
- **Harmonisation of statistical data in line with European and international standards**
- **Awareness-raising on statistics**
- Implementation of the **Statistics Code of Practice (COP)** for the Neighbourhood South countries.

SPECIFIC OBJECTIVES OF MEDSTAT IV IN THE AREA OF TRANSPORT STATISTICS

- Assist the **Euro-Mediterranean Working Group on Transport statistics**
- Enhance the **capacity** of the statistical systems and improve data **quality**: harmonisation, improvements in methods and processes, implementation of the Statistics Code of Practice for the European Neighbourhood South Countries
- Ensure **availability and visibility** of data to a wide range of users and promote **evidence-based decision making**

MEDSTAT IV: TOPICS COVERED

- **Modes of transport:** Railway, **road**, sea, air and intermodal
- **Statistical themes:** infrastructure, equipment, **traffic flows**, **transport volumes**
- **Economic, technical and environmental performance indicators**
- **Transport-related SDG indicators**

EU Road transport statistics: Statistical Standards, Methodologies, Classifications and Legal Frameworks

Statistics on the transport of goods by road, including a wide range of variables. Statistics on the transport of passengers by road are collected within the EU on a voluntary basis.

Legal basis, methodology and classifications

- **Regulation (EU) No 70/2012** of 18 January 2012, on statistical returns in respect of the carriage of goods by road
- **Road freight transport methodology - 2016 edition**
- **Methodologies used in surveys of road freight transport in member states 2017 edition**
- **NST 2007, NUTS and NACE Rev.2**

EU Road Transport Statistics: Specific work on Traffic Statistics

No legal basis in this case: exploratory work through pilot surveys in the frame of “gentlemen’s agreements” with participating countries.

As a consequence, completeness varies from country to country

Eurostat/ITF/UNECE Common Questionnaire

Structure of the pilot questionnaires: two parts

- **Pilot - Road Transport – Vehicle Kilometres**
- **Pilot - Buses and Coaches**

EU Road Traffic Statistics: Eurostat/ITF/UNECE Common Questionnaire

- **Motor vehicles movements on national territory**
 - Vehicle-kilometers
 - By type of motor vehicle:
 - Motorcycles
 - Passenger cars
 - Motor coaches, mini coaches, buses, minibuses and trolley buses
 - Lorries (including LGV) and road tractors
 - For all vehicles / for vehicles registered in the country

EU Road Traffic Statistics: Specific Pilot Questionnaires

- **Pilot - Road Transport – Vehicle Kilometres**
 - Road traffic by type of vehicle;
 - Road traffic on national territory for national and foreign vehicles by type of vehicle and type of road;
 - Road traffic on all territories for national vehicles by type and age of vehicle
- **Pilot - Buses and Coaches**
 - Bus-Coach and Minibus/Coach movements (vehicles registered in the reporting country);
 - Bus-Coach and Minibus/Coach journeys offered (vehicles registered in the reporting country);
 - Bus-Coach and Minibus/Coach seat kilometres offered (vehicles registered in the reporting country);
 - Passenger transport (vehicles registered in the reporting country)

EU Road Traffic Statistics: Variables

- **Motor vehicle movements** on national territory, by vehicles registration (national/foreign): all types of vehicles
- **Road traffic by type of vehicle** (million Vkm): lorries only
- **Road traffic on national territory by type of vehicle and type of road** (million Vkm): lorries only
- **Road traffic on national and foreign territory** by type and age of vehicle (million Vkm): buses and coaches only
- **Road traffic for buses and coaches** by type of transport - vehicles registered in the reporting country (road_tf_buscoa)

EU Road Traffic Statistics: Availability

- **Motor vehicle movements** on national territory, by vehicles registration: 17 Member States
- **Road traffic by type of vehicle:** BE, DK, IE, FR, LV, MT, NL, SV
- **Road traffic on national territory by type of vehicle and type of road** (million Vkm): 15 Member States
- **Road traffic on national and foreign territory** by type and age of vehicle (million Vkm): BE, BG, IE, LV, MT, NL, SV, SW
- **Road traffic for buses and coaches** by type of transport - vehicles registered in the reporting country: 16 Member States

EU Road Traffic Statistics: Other data on the Volume of Passenger Transport

- **Passenger road transport on national territory, by type of vehicles registered in the reporting country**
- **Passenger transport by buses and coaches by type of transport - vehicles registered in the reporting country**
- Also based on Gentlemen's Agreements with completeness varying from country to country

EU Road Traffic Statistics: More data on the Volume of Road Freight Transport and related traffic: Regulation EU 70/2012

- **Annual/Quarterly data on road freight transport by type of operation and type of transport (1 000 t, Mio Tkm, Mio Veh-km)**
- **Annual road freight transport (1 000 t, Mio Tkm, Mio Veh-km, 1 000 BTO), by:**
 - distance class
 - type of goods (incl. types of dangerous goods)
 - axle configuration
 - age of vehicle
 - MPLW
 - load capacity
 - NACE Rev.2
 - loaded/empty
 - type of cargo
 - National / International / Cabotage

MEDSTAT IV: work programme on Road transport statistics

- **Development of a manual on road freight transport statistics** adapted to the characteristics of the transport and statistical systems of the ENP-S Countries

- **Study Visit on the Production of Road Passenger Transport statistics** at the French Ministry of Environmental and Inclusive Transition (Paris – 24-25 October 2017)

MEDSTAT IV: Development of a manual on road freight transport statistics

- **Objective:** Provide a methodological basis for the production of road freight transport statistics adapted to the characteristics of road freight transport and to the statistical systems of partner countries
- **Methodological basis:** EU Manual on Road freight transport statistics
- **Method: collaborative work**
 - Regional Workshop in December 2016
 - consultation of the partner countries in order to identify the specificities to be taken into account
 - direct contributions from the partner countries
 - synthesis and recommendations

MEDSTAT IV: Development of a manual on road freight transport statistics

- **Content: 17 chapters**
 - Institutional issues
 - Measurement topics
 - Conceptual framework
 - data sources
 - survey design
 - use of registers and sample frames
 - standards and classifications
 - data collection
 - standard questionnaire
 - data processing
 - evaluation and data quality
 - analysis and dissemination



MEDSTAT IV: Study Visit on Road Passenger Transport Statistics (Paris, October 2017)

- **Objectives:**
 - Present **international standards and methodologies** for the production of road passenger transport statistics and to examine the **processes** implemented in one EU Member state
 - Present the **concepts, definitions and classifications** of road passenger transport statistics as well as the **EU requirements** in this area that could constitute benchmarks for the development of statistical systems in the partner countries
 - Present and discuss the key characteristics of the **methodologies and processes** that can be implemented to produce such statistics, in particular with regard to **data collection** and **data compilation**, and to detail the characteristics of the decennial survey on persons' mobility

MEDSTAT IV: Study Visit on Road Passenger Transport Statistics (Paris, October 2017)

- **Content:**
 - Presentation of **EU requirements** regarding road passenger transport statistics.
 - **Key concepts, definitions and classifications** used in the production of road passenger transport statistics
 - **General presentation of the road passenger transport statistics produced in France and of the production system in place:** kind of data produced, details available, institutions implied in the statistical production system, sharing of responsibilities
 - **Details of the statistical production system:** data collection and data compilation procedures.
 - Presentation of the various **data sources** exploited in the production of passenger transport statistics.

MEDSTAT IV: Study Visit on Road Passenger Transport Statistics (Paris, October 2017)

- **Content:**
 - Presentation of the **decennial survey on persons mobility** used in the production of these statistics: sample frame, sampling strategy, questionnaire design, implementation of the survey, treatment of non-responses, grossing up of results and production of statistics
 - The existing statistics: **analysis, dissemination and publication** of statistics produced.
 - Analysis of **users and uses** of road passenger transport statistics.
 - **Possible developments** in terms of statistics produced and methodologies implemented

Thank You



This project is implemented by: MEDSTAT IV