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# Inland waterways transport statistics in Poland

Justyna Brzezińska

Chief Specialist

Statistics Centre for Transport and Communication

Statistical Office in Szczecin

# Overview

- Data sources;

- Data scope;

- Goods classification;

- Port to port data;

- Difficulties, solution applied.

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# National legal basis

- Article 30, point 3 of an Act on Official Statistics of 29 June 1995 (Journal of Laws of 2012, item 439);

- Regulation of the Council of Ministers on Official Statistics Programme of Statistical Surveys.

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# Aims of surveys:

To obtain information about:

- Quantity and structure of carriage services;

- Carriage potential;

- Inland waterways network.

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# Data sources

- **T-11/k** Report on inland waterways fleet and transport;

- **T-11/u** Report on inland waterways fleet;

- **TWS-1** Report on inland waterways length and number of lock crossings;

- **TWA** List of vessel owners.

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# Objective scope of surveys

- **T-11/k** Corporate entities, non-corporate entities, natural persons conducting economic activities concerning inland waterways transport of goods or passengers, regardless of the number of employees;

- **T-11/u** Inland Navigation Offices;

- **TWS-1** Regional Water Management Authorities;

- **TWA** Inland Navigation Offices.

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# Objective scope of a survey in numbers

| 2017 | | Number of reporting units | of which provided data | in % |
|---|---|---|---|---|
| T-11/k | Q1 | 159 | 157 | 98,7 |
| | Q2 | 160 | 158 | 98,8 |
| | Q3 | 161 | 159 | 98,8 |
| | Q4 | 226 | 220 | 97,3 |

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# Subjective scope of a survey

Inland waterways fleet:

- barges (self-propelled, not self-propelled);

- tanker barges (self-propelled, not self-propelled);

- towing fleet (tugs, pushers);

- passenger vessels.

by load capacity

by year of construction

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# Subjective scope of a survey

Transport of goods (in tonnes and tonne-kilometers):

- by groups of goods (NST 2007);

- by origin/ destination (with separated transport on Polish waterways, of which by sea);

- by type of packaging (goods in containers, goods not in containers);

- by type of vessel.

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# Subjective scope of a survey

Transport of passengers:

- number of passengers;

- transport performance in passenger-kilometers;

- number of cruises.

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# Type of goods

- Data collection based on NST 2007 3-digit level for all product groups;

- 3-digit codes or encoded clear text - on an electronic form;

- Encoded clear text - on a paper form.

# Type of cargo

Data collection based on:

- Information on number and size of containers transported - for *containers and swap body* cargo category;

- Information on type of goods transported (clear text) + on type of vessel (barge, tanker barge) - for *liquid bulk, dry bulk* cargo category.

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# Distance classes

Data collection based on:

- NUTS 2 codes + port ID or encoded clear text (name of loading/unloading port) - on an electronic form;

- encoded clear text (name of loading/unloading port) - on a paper form;

- distance between loading and unloading port.

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# Distance classes

Selection of the most probable route <u>based on</u>:

- All possible connections between loading and unloading port;

- Distance (in km) set by data providers;

- Additional information, e.g. on temporary closing of an inland waterway section (weather conditions, hydrologic conditions, repair works.

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# Difficulties-foreign vessels on Polish waterways

- Difficulty to report data on IWT vessel traffic on national territory by a foreign vessel operator to the statistical office;

- Difficulty to collect and report data on IWT vessel traffic (including foreign) by port authorities to the statistical office.

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# Applied solution

Cooperation with Federal Statistical Office of Germany resulting in data on foreign IWT vessels which entered/left Poland by inland waterways:

- flag of the vessel;

- number and type of vessel (self-propelled, not self-propelled);

- type of goods transported (NST 2007);

- tonnes transported;

- name of the Polish loading/unloading port.

# Shortage of data

For foreign IWT vessels which entered/left Poland by inland waterways:

- lack of name of a foreign loading/unloading port;

- lack of transit data.

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Thank You for your attention