

# **Mini-presentation on Turnover/Output for Water Transportation in Poland**

**24rd Voorburg Group Meeting  
Oslo, Norway  
September 14th to September 18th, 2009**



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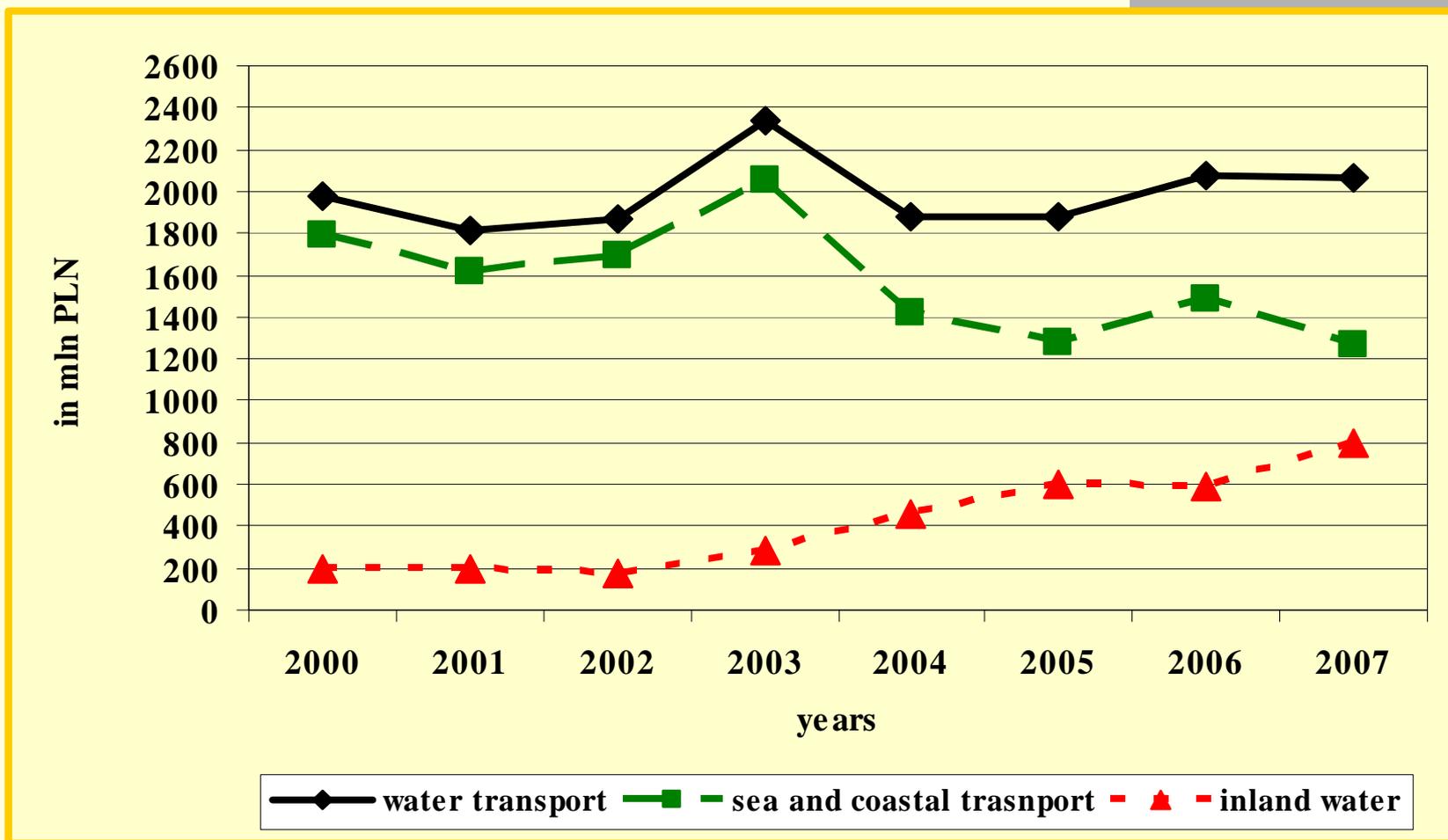
# Overview

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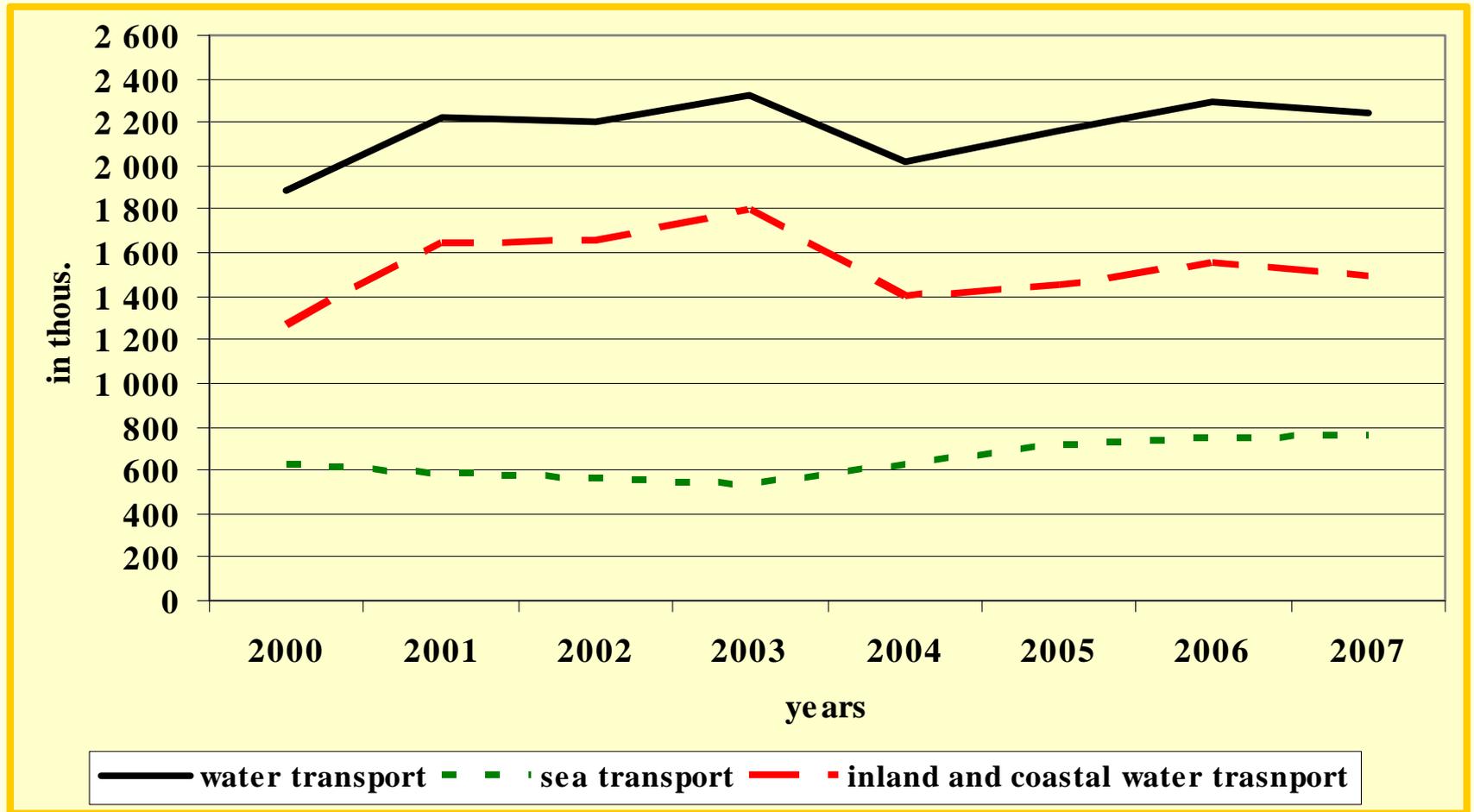
- Water transport in Poland
- Classification
- Legal requirements concerning statistics on output of water transport
- Surveys on output variables for water transport
- Publications on water transport at the national level
- Main challenges concerning the statistics on output of water transport



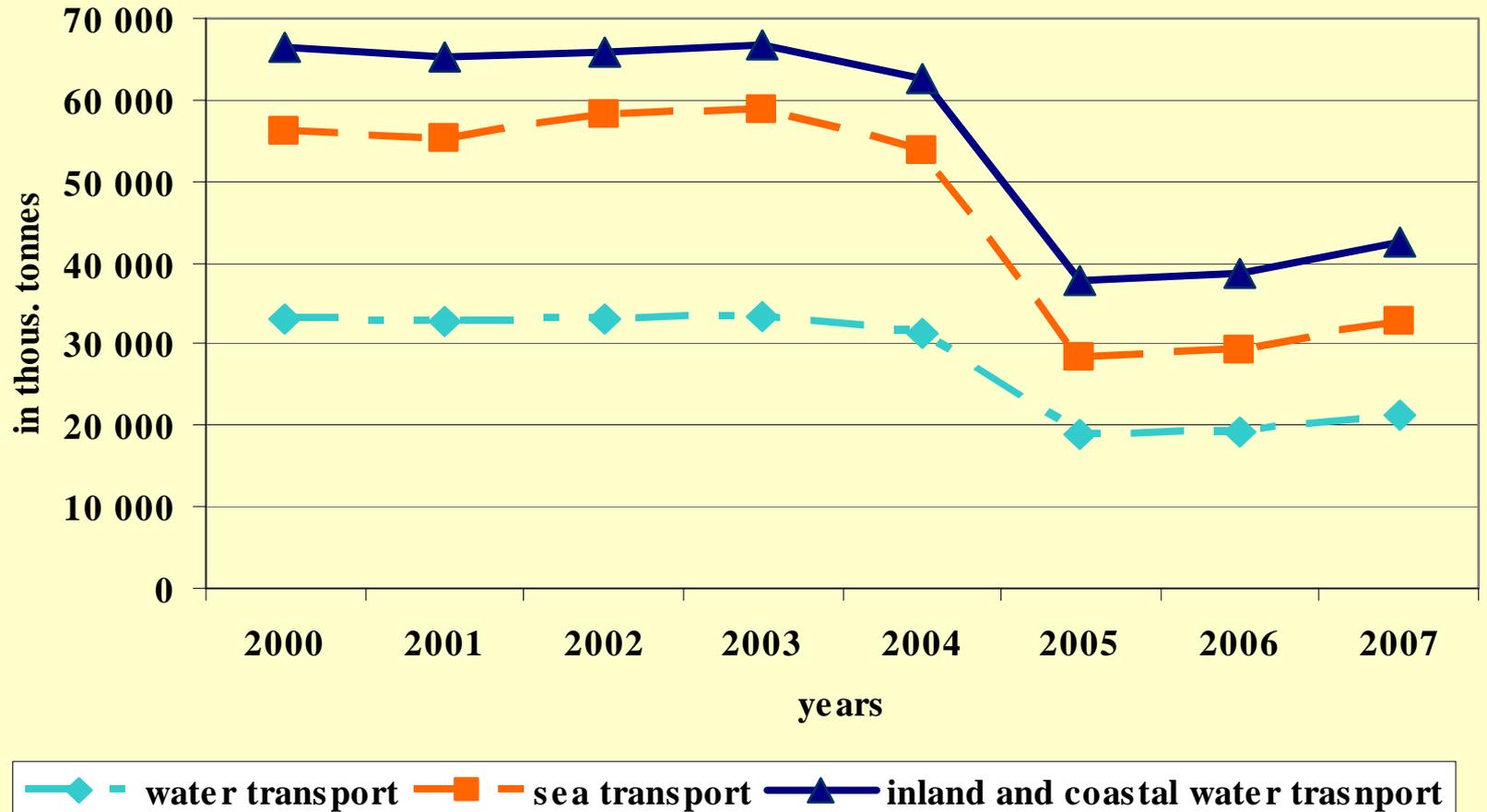
## Revenues in the water transport in Poland in mln PLN in years 2000-2007



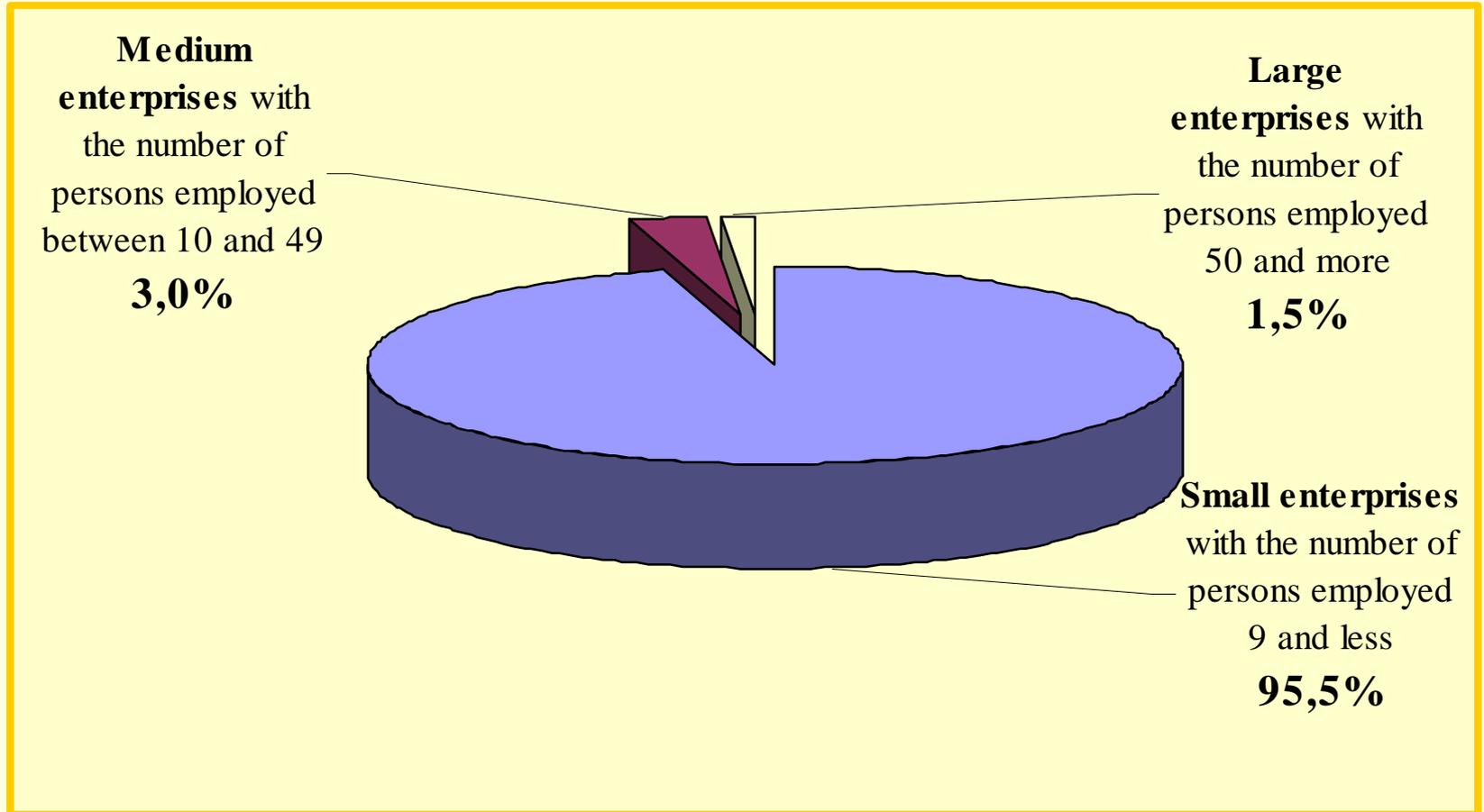
## Water passenger transport in years 2000-2007



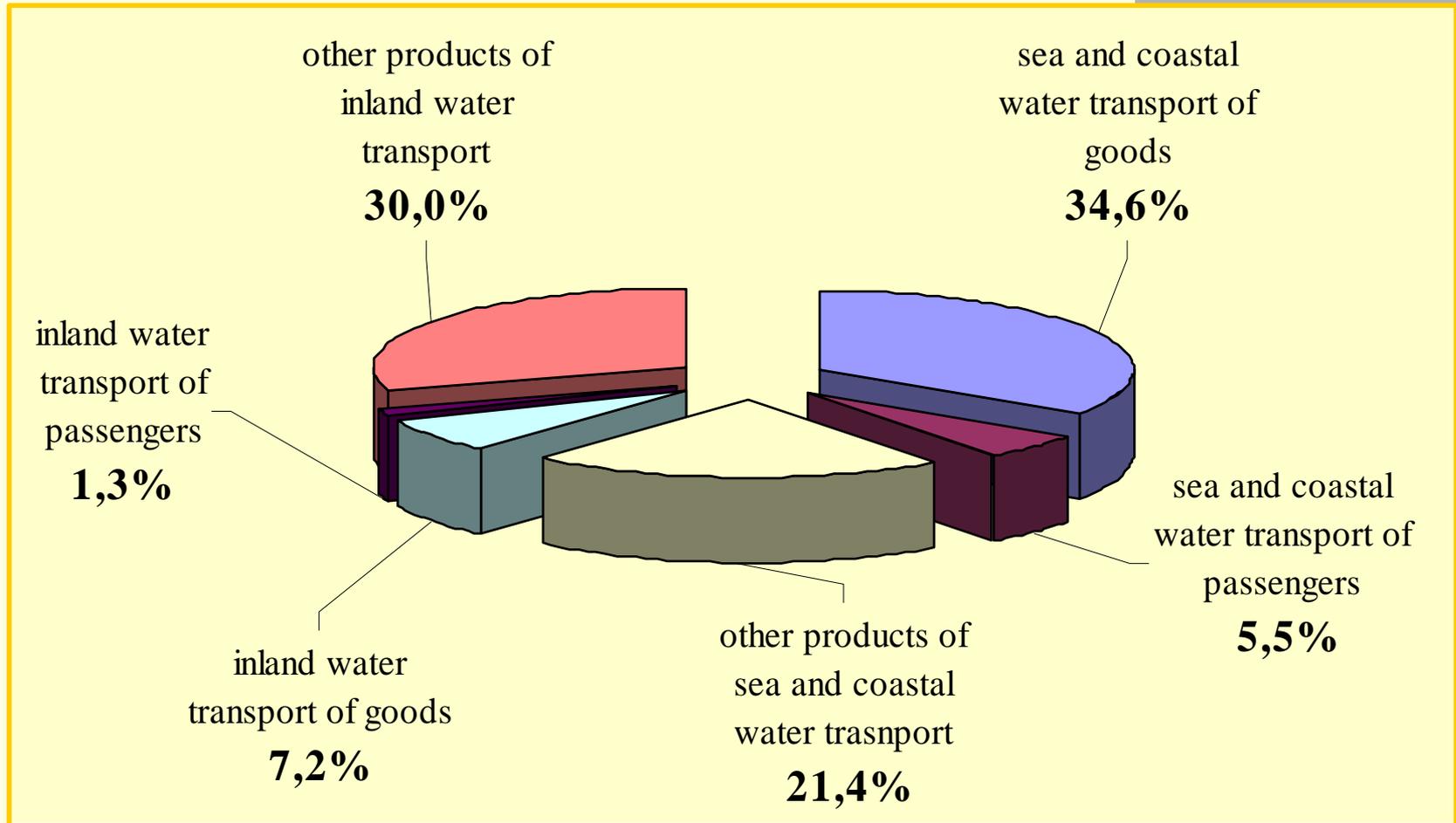
## Water freight transport in years 2000-2007



**Structure of water transport population by size classes  
in the Register of National Economy's Entities**  
– 994 entities at the end of 2008



## Structure of revenues in the water transport by type of product in 2007



## Water transport in the industry classification

| PKD2004       |                                 | NACE Rev.1.1 |                                 | Reference to<br>ISIC<br>Rev. 3.1 |
|---------------|---------------------------------|--------------|---------------------------------|----------------------------------|
| Code          | Description                     | Code         | Description                     |                                  |
| <b>61</b>     | Water transport                 | <b>61</b>    | Water transport                 |                                  |
| <b>61.1</b>   | Sea and coastal water transport | <b>61.1</b>  | Sea and coastal water transport | 611                              |
| <b>61.10</b>  | Sea and coastal water transport | <b>61.10</b> | Sea and coastal water transport | 6110                             |
| <b>61.10A</b> | Sea water transport             |              |                                 |                                  |
| <b>61.10B</b> | Coastal water transport         |              |                                 |                                  |
| <b>61.2</b>   | Inland water transport          |              |                                 |                                  |
| <b>61.20</b>  | Inland water transport          | <b>61.20</b> | Inland water transport          | 6120                             |
| <b>61.20Z</b> | Inland water transport          |              |                                 |                                  |



## Correspondence between NACE Rev.1.1 and NACE Rev.2 for water transport

| NACE Rev.1.1 |                                 |  | NACE Rev.2   |   |
|--------------|---------------------------------|--|--------------|---|
| Code         | Description                     |  | Code         | Description                               |
| <b>61.10</b> | Sea and coastal water transport | <i>part concerning the sea and coastal passenger transport</i> | <b>50.10</b> | Sea and coastal passenger water transport |
|              |                                 | <i>part concerning the sea and coastal freight transport</i>   | <b>50.20</b> | Sea and coastal freight water transport   |
| <b>61.20</b> | Inland water transport          | <i>part concerning the inland passenger transport</i>          | <b>50.30</b> | Inland passenger water transport          |
|              |                                 | <i>part concerning the inland freight transport</i>            | <b>50.40</b> | Inland freight water transport            |

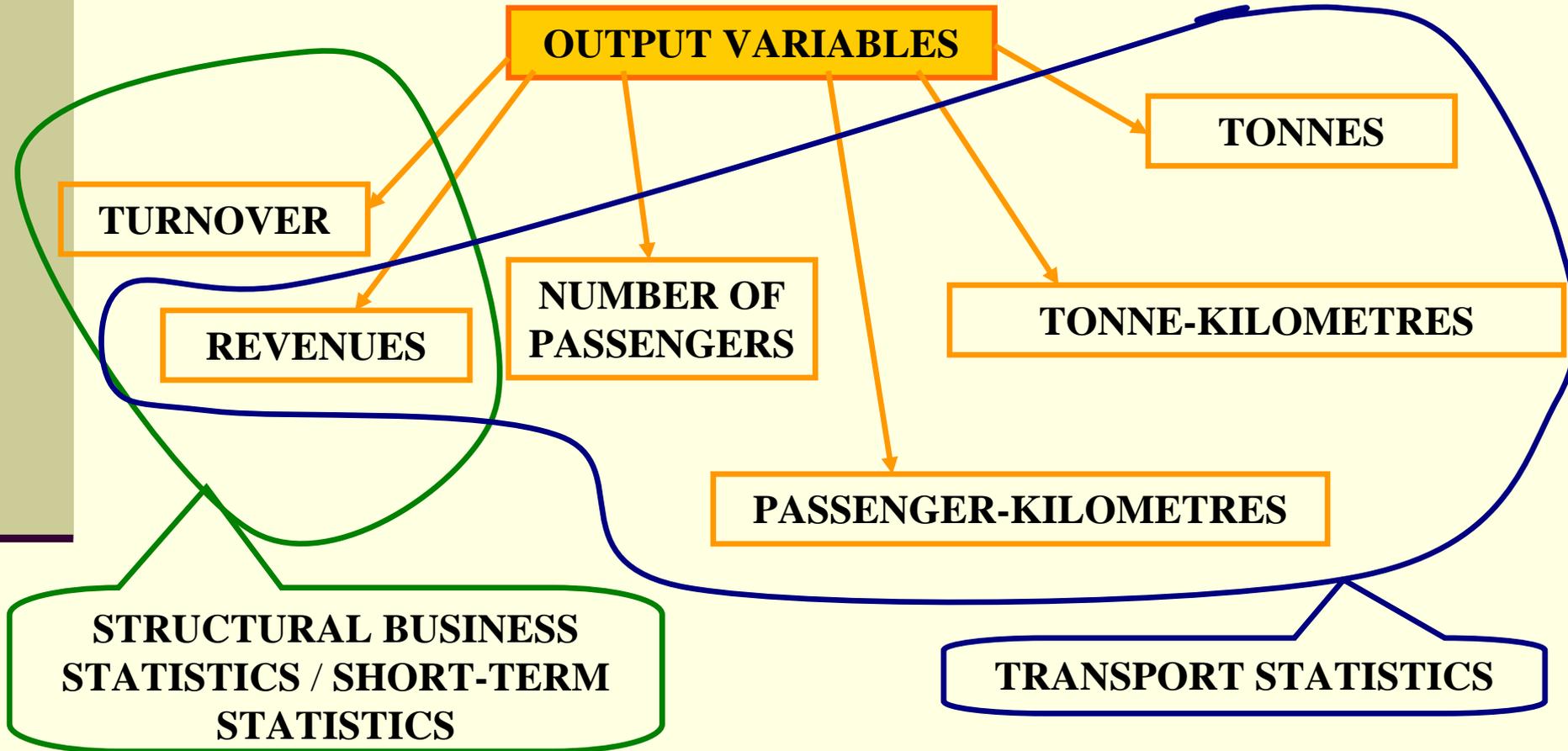
## Legal requirements concerning statistics on output of water transport

Within the European Statistical System Poland is obliged to provide Eurostat with data on transport activity in alignment with the following regulations:

- Regulation (EC, EURATOM) No 58/97 of the Council of 20 December 1996 concerning structural business statistics and Regulation (EC) No 295/2008 of the European Parliament and of the Council of 11 March 2008 concerning structural business statistics
- Regulation (EC) No 1158/2005 of the European Parliament and of the Council of 7 July 2005 amending the Council Regulation (EC) No 1165/98 of 19 May 1998 concerning short-term statistics
- Regulation (EC) no 1365/2006 of the European Parliament and of the Council of 6 September 2006 on statistics of goods transport by inland waterways and repealing council directive 80/1119/EEC
- Council Decision of 8 December 1995 on statistical returns in respect of carriage of goods and passengers by sea



## Surveys on output variables for water transport



24rd Voorburg Group Meeting  
Mini-presentation on Turnover/Output for Water Transportation in Poland

## Surveys on output variables for water transport

**Structural Business Statistics**  
**Annual information on turnover/revenues**

### Annual survey of enterprises (SP)

#### Census

**Objective scope:** all enterprises classified according to the NACE Rev.1.1 to the sections from B to O (with some exceptions) with the number of persons employed 10 and more.

**Subjective scope:** information included in financial reports: balance sheet and the profits and losses account. However, there are also collected additional information, for example number of persons employed, type of book-keeping system etc.

### Survey of small enterprises (SP-3)

#### Representative survey – approx. 3% sample

**Objective scope:** enterprises classified according to the NACE Rev.1.1 to the sections from A to O (with some exceptions) with the number of persons employed 9 and less.

**Subjective scope:** some financial information included in financial reports: number of persons employed, etc.



## Surveys on output variables for water transport

### Questionnaire *SP Annual survey on enterprises*

#### Information on turnover/ revenues - Part II Section 2 Profits and losses account

| Specification                      |  | Amount in<br>thous. PLN |    |
|------------------------------------|--|-------------------------|----|
| 0                                  |  | 1                       |    |
| A Net revenues from sale and equal |  | 01                      |    |
| of<br>which                        | Net revenues from sale of products               | 02                      |    |
|                                    | in that export sale                              | 03                      |    |
|                                    | Change in the stock of products                  | 04                      |    |
|                                    | Costs of products manufactured for<br>own needs  | 05                      |    |
|                                    | Net revenues from sale of goods and<br>materials | 06                      |    |
|                                    | in that export sale                              | 07                      |    |
|                                    | B Costs of operating activity                    |                         | 08 |
| of<br>which                        | Depreciation                                     | 09                      |    |
|                                    | Use of materials and energy                      | 10                      |    |
|                                    | in that energy                                   | 11                      |    |
|                                    | External services                                | 12                      |    |
|                                    | in that energy                                   | 13                      |    |
|                                    | External services                                | 14                      |    |
|                                    | in that excise                                   | 15                      |    |

| Specification                            |  | Amount in<br>thous. PLN |  |
|--|--|-------------------------|--|
| 0  |  | 1                       |  |
| B Costs of operating activity continous. |  | 16                      |  |
| of<br>which                              | Remuneration                                       | 17                      |  |
|  | in that on the basis of contract                   | 18                      |  |
|  | Compulsory social securities and other             | 19                      |  |
|  | in that charges for compulsory social securities   | 20                      |  |
|  | in that expenditures on trainings of employees     | 21                      |  |
|  | Other kinds of expenditures                        | 22                      |  |
|  | within that business travels                       | 23                      |  |
|  | Value of sold goods and materials                  | 24                      |  |
| C1 Profits from operating activity       |  | 25                      |  |
| C2 Losses from operating activity        |  | 26                      |  |
| D Other operating revenues               |  | 27                      |  |
| of<br>which                              | Profits from selling non-financial fixed<br>assets | 28                      |  |
|  | Subsidies  | 29                      |  |
|  | ...  | ...                     |  |

## Surveys on output variables for water transport

### Questionnaire SP-3 Survey of small enterprises

#### Section 4 Revenues and costs from total activity of questionnaire in full PLN

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|                                 |     |     |
|---------------------------------|-----|-----|
| A. Revenues from total activity | 1   |     |
| B. Costs of total activity      | 2   |     |
| ...                             | ... | ... |

## Surveys on output variables for water transport

**Short-term statistics**  
**Short-term information on turnover/revenues**

Monthly report on transport, warehouse and telecommunication activities (**DG-1t**)

**Representative survey:** all enterprises with the number of persons employed 50 and more and the 10% sample of enterprises with the number of persons employed between 10 and 49

**Objective scope:** all enterprises classified according to the NACE Rev.1.1 to the section I Transport, warehouse and telecommunication with the number of persons employed 10 and more

**Subjective scope:** basic information on the economic activity such as the revenues, costs, number of persons employed etc.

## Surveys on output variables for water transport

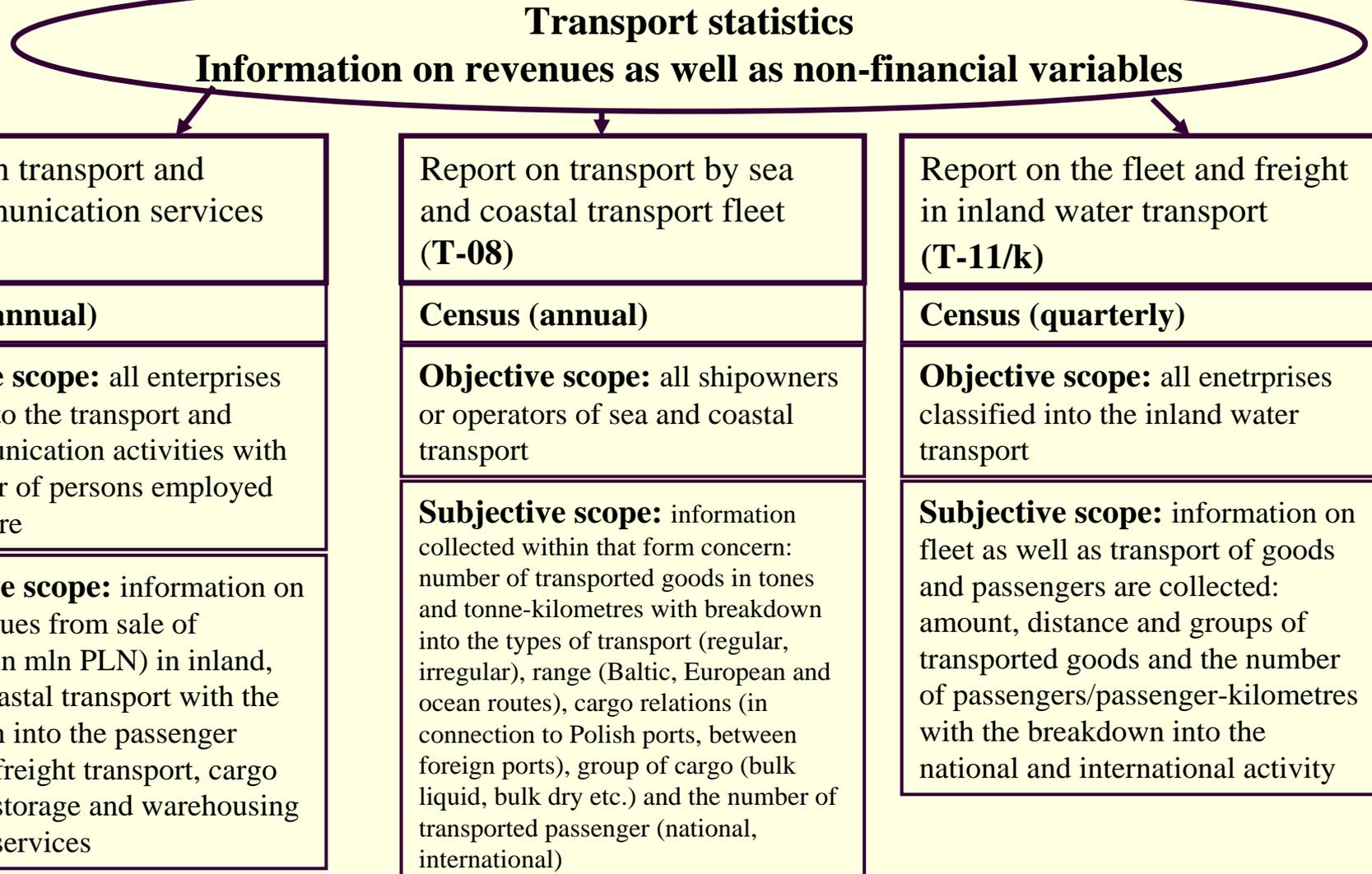
### Questionnaire DG-1t Monthly report on transport, warehouse and telecommunication activities

#### Section 1 Basic information on the economic activity

| Specification  |     | In responding month | From the beginning of year |
|--|-----|---------------------|----------------------------|
| 0  |     | 1                   | 2                          |
| Net revenues from sale of products in thous. PLN   | 01  |                     |                            |
| in that from the construction activities made on your own within the territory of country (without the subcontracting) | 02  |                     |                            |
| in that construction activities as a investements  | 03  |                     |                            |
| Value of manufactured products non-counted into the sale   | 04  |                     |                            |
| Net revenues from sale of goods and materials in thous. PLN  | 05  |                     |                            |
| ....   | ... | ...                 | ...                        |
| Excise tax from goods from in-house production (producer) in thous. PLN  | 15  |                     |                            |
| Subsidies in thous. PLN  | 16  |                     |                            |



## Surveys on output variables for water transport



## Surveys on output variables for water transport

### Questionnaire T-02 Report on transport and telecommunication services

#### Section 2 Revenues from sale of goods and services in sea, inland and coastal water transport and commercial seaports

| Specification           |   | Total         | in that export |
|-------------------------|---|---------------|----------------|
|                         |   | in thous. PLN |                |
| 0                       |   | 1             | 2              |
| Total                   | 1 |               |                |
| Transport of goods      | 2 |               |                |
| Transport of passengers | 3 |               |                |
| Cargo handling          | 4 |               |                |
| Storage and warehousing | 5 |               |                |
| Services of ships       | 6 |               |                |
| Other services          | 7 |               |                |

## Surveys on output variables for water transport

### Questionnaire T-08 Report on transport by sea and coastal transport fleet

#### Section 1. Transport of goods by type of fleet and transport range

| Specification   |                                  |    | In tonnes | In tonne-miles |
|-----------------|----------------------------------|----|-----------|----------------|
| 0               |                                  |    | 1         | 2              |
| Total           |                                  | 01 |           |                |
| in that         | ships sailing under foreign flag | 02 |           |                |
|                 | foreign ships                    | 03 |           |                |
| Linear shipping |                                  | 04 |           |                |
| Range           | ocean                            | 05 |           |                |
|                 | European                         | 06 |           |                |
|                 | Baltic                           | 07 |           |                |
|                 | in that ferries                  | 08 |           |                |
| Tramping        |                                  | 09 |           |                |
| in that tankers |                                  | 10 |           |                |
| Range           | ocean                            | 11 |           |                |
|                 | European                         | 12 |           |                |
|                 | Baltic                           | 13 |           |                |

## Surveys on output variables for water transport

### Questionnaire T-08 Report on transport by sea and coastal transport fleet

#### Section 2 Transport of goods by cargo relations

| Specification                |         | In tonnes |  | Number of containers with goods in TEU |
|------------------------------|---------|-----------|--|--|
|                              |         | Total     | in that in large containers (20" and more) |  |
| 0                            |         | 1         | 2  | 3                                      |
| Total                        | 1       |           |  |  |
| In relations to Polish ports | 2       |           |  |  |
| export from Polish ports     | 3       |           |  |  |
| import to Polish ports       | 4       |           |  |  |
| Between ports                | foreign | 5         |  |  |
|                              | Polish  | 6         |  |  |

## Surveys on output variables for water transport

### Questionnaire T-08 Report on transport by sea and coastal transport fleet

#### Section 3 Transport of goods by group of cargo

| Groups of cargo                          |    | In tonnes |
|--|----|-----------|
| 0  |    | 1         |
| Total                                    | 01 |           |
| Bulk liquid                              | 02 |           |
| in that petroleum and petroleum products | 03 |           |
| Bulk dry                                 | 04 |           |
| ores                                     | 05 |           |
| hard coal and coke                       | 06 |           |
| cereals                                  | 07 |           |
| other agriculture products               | 08 |           |
| other bulk                               | 09 |           |
| Large containers (20" and more)          | 10 |           |
| in that roll-on self propeled            | 11 |           |
| Other general cargo                      | 01 |           |
| in that wood                             | 02 |           |



## Surveys on output variables for water transport

### Questionnaire T-08 Report on transport by sea and coastal transport fleet

#### Section 3 Transport of goods by group of cargo

| Groups of cargo                          |    | In tonnes |
|--|----|-----------|
| 0  |    | 1         |
| Total                                    | 01 |           |
| Bulk liquid                              | 02 |           |
| in that petroleum and petroleum products | 03 |           |
| Bulk dry                                 | 04 |           |
| ores                                     | 05 |           |
| hard coal and coke                       | 06 |           |
| cereals                                  | 07 |           |
| other agriculture products               | 08 |           |
| other bulk                               | 09 |           |
| Large containers (20' and more)          | 10 |           |
| in that roll-on self propelled           | 11 |           |
| Other general cargo                      | 01 |           |
| in that wood                             | 02 |           |



## Surveys on output variables for water transport

### Questionnaire T-08 Report on transport by sea and coastal transport fleet

#### Section 4. Transport of goods of foreign trade and transit goods

| Specification                       |                          | In tonnes <sup>a)</sup> |  | Number of containers with goods in TEU |
|-------------------------------------|--------------------------|-------------------------|--|--|
|                                     |                          | Total                   | in that in large containers (20' and more) |  |
| 0                                   |                          | 1                       | 2  | 3                                      |
| Transport of goods of foreign trade | 1                        |                         |  |  |
| in that goods in own management     | 2                        |                         |  |  |
| in relation to Polish ports         | export of exported goods | 3                       |  |  |
|                                     | import of imported goods | 4                       |  |  |
| between ports                       | foreign                  | 5                       |  |  |
|                                     | Polish                   | 6                       |  |  |
| Transport of transit goods          | 7                        |                         |  |  |
| in that between Polish ports        | 8                        |                         |  |  |

## Surveys on output variables for water transport

### Questionnaire T-08 Report on transport by sea and coastal transport fleet

#### Section 5. Transport of passengers

| Specification                             |   | In international transport |                    | Between Polish ports |                    |
|---|---|----------------------------|--------------------|----------------------|--------------------|
|   |   | Number of passengers       | In passenger-miles | Number of passengers | In passenger-miles |
| 0   |   | 1                          | 2                  | 3                    | 4                  |
| Total                                     | 1 |                            |                    |                      |                    |
| in that ferries                           | 2 |                            |                    |                      |                    |
| Drivers of lorries transported by ferries | 3 |                            |                    |                      |                    |

## Surveys on output variables for water transport

### Questionnaire T-08 Report on transport by sea and coastal transport fleet

#### Section 5. Transport of passengers

| Specification                             |   | In international transport |                    | Between Polish ports |                    |
|---|---|----------------------------|--------------------|----------------------|--------------------|
|   |   | Number of passengers       | In passenger-miles | Number of passengers | In passenger-miles |
| 0   |   | 1                          | 2                  | 3                    | 4                  |
| Total                                     | 1 |                            |                    |                      |                    |
| in that ferries                           | 2 |                            |                    |                      |                    |
| Drivers of lorries transported by ferries | 3 |                            |                    |                      |                    |

## Surveys on output variables for water transport

### Questionnaire T-11/k Report on the fleet and freight in inland water transport

#### Section 2 Transport of goods

| No. of cruises | Place of loading  | Code | Place of unloading | Code |                       | Code     | Information on containers |          |   |       | Mass in tonnes | Distance in km                  |    |     | ... |
|----------------|---|------|--------------------|------|-----------------------|----------|---------------------------|----------|---|-------|----------------|---------------------------------|----|-----|-----|
|                | Name of place and voivodship of national port or name of place and country (code) of foreign port |      |                    |      | Group of goods (name) | loaded   |                           | unloaded |   | Total |                | in that within Polish waterways |    | ... |     |
|                | Number  | Size | Number             | Size |                       | Together | in that in sea waterways  | ...      |   |       |                |                                 |    |     |     |
| 1              | 2   |      | 3                  |      | 4                     | 5        | 6                         | 7        | 8 | 9     | 10             | 11                              | 12 | ... |     |
|                |   |      |                    |      |                       |          |                           |          |   |       |                |                                 |    | ... |     |
|                |   |      |                    |      |                       |          |                           |          |   |       |                |                                 |    | ... |     |
|                |   |      |                    |      |                       |          |                           |          |   |       |                |                                 |    | ... |     |

## Surveys on output variables for water transport

### Questionnaire T-11/k Report on the fleet and freight in inland water transport

#### Section 4 Transport of passengers

| Specification                      |   | Number of passengers | In passenger-miles |
|------------------------------------|---|----------------------|--------------------|
| 0                                  |   | 1                    | 2                  |
| Total                              | 1 |                      |                    |
| in that in international transport | 2 |                      |                    |

## Publications on water transport at the national level:

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- **Concise Statistical Yearbook of Poland (yearly) - – part “Transport and communications”**
- **Statistical Yearbook of the Republic of Poland (yearly) – part “Transport and communications”**
- **Statistical Yearbook of Maritime Economy 2007 (yearly)**
- **Transport - activity results in 2007 (yearly)**
- **Statistical Bulletin (monthly)**



## Main challenges concerning the statistics on output of water transport:

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- Searching for the source of short-term data on turnover for small enterprises with the number of persons employed 9 and less
- Analyzing administration data on the account of their usage in order to decrease the response burden
- Detailed comparisons turnover data compiled on the basis of statistical surveys and VAT register (at the unit level)
- Linking data on turnover data at the industry level with data on non-financial output data in order to obtain data on turnover data by product