

**27<sup>th</sup> Voorburg Group Meeting**  
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**Mini-presentation of Turnover/Output  
for Water Treatment and Distribution Services  
in Poland**



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**Trade and Services Department**  

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# CONTENTS

<b>1. CLASSIFICATIONS.....</b>	<b>3</b>
<b>1.1. Activity Classifications.....</b>	<b>3</b>
<b>1.2. Product Classifications.....</b>	<b>3</b>
<b>2. MARKET CHARACTERISTICS.....</b>	<b>4</b>
<b>3. SURVEYS.....</b>	<b>8</b>
<b>3.1. Surveys on turnover.....</b>	<b>8</b>
<b>3.1.1. Annual surveys.....</b>	<b>8</b>
<b>3.1.2. Monthly survey.....</b>	<b>10</b>
<b>3.2. Other surveys.....</b>	<b>11</b>
<b>4. DATA DISSEMINATION.....</b>	<b>12</b>

## 1. CLASSIFICATIONS

### 1.1. Activity Classifications

National activity classification used in Poland - Polish Classification of Activities (PKD 2007) is based on NACE and therefore is fully methodologically, conceptually coherent and comparable with NACE Rev.2 classification up to the four-digit level. It has also an additional five-digit level which is considered the most specific. The differences are shown in tables below.

Table 1: PKD 2007

Division	Group	Class	Sub-Class	Description
36	36.0	36.00	36.00.Z	Water collection, treatment and supply

Table 2: NACE Rev.2

Division	Group	Class	Description
36	36.0	36.00	Water collection, treatment and supply

Table 3: ISIC Rev.4

Division	Group	Class	Description
36	360	3600	Water collection, treatment and supply

### 1.2. Product Classifications

Polish Classification of Goods and Services (PKWiU 2008) is compliant with the CPA 2008 except that PKWiU 2008 has an additional level which was created mainly for the national needs to enable further disaggregation of statistical data.

The differences between PKWiU 2008, CPA 2008 and CPC Ver.2 are shown in tables below.

Table 4: PKWiU 2008

Grouping	Description
36	Natural water; water treatment and supply services
36.0	Natural water; water treatment and supply services
36.00	Natural water; water treatment and supply services
36.00.1	Natural water
36.00.11	Drinking water
36.00.11.0	Drinking water
36.00.12	Non-drinking water
36.00.12.0	Non-drinking water
36.00.2	Treatment and distribution services of water through mains
36.00.20	Treatment and distribution services of water through mains
36.00.20.0	Treatment and distribution services of water through mains
36.00.3	Trade services of water through mains
36.00.30	Trade services of water through mains
36.00.30.0	Trade services of water through mains

Table 5: CPA 2008

Grouping	Description
36	Natural water; water treatment and supply services
36.0	Natural water; water treatment and supply services
36.00	Natural water; water treatment and supply services
36.00.1	Natural water
36.00.11	Drinking water
36.00.12	Non-drinking water
36.00.2	Treatment and distribution services of water through mains
36.00.20	Treatment and distribution services of water through mains
36.00.3	Trade services of water through mains
36.00.30	Trade services of water through mains

Table 6: CPC Ver.2

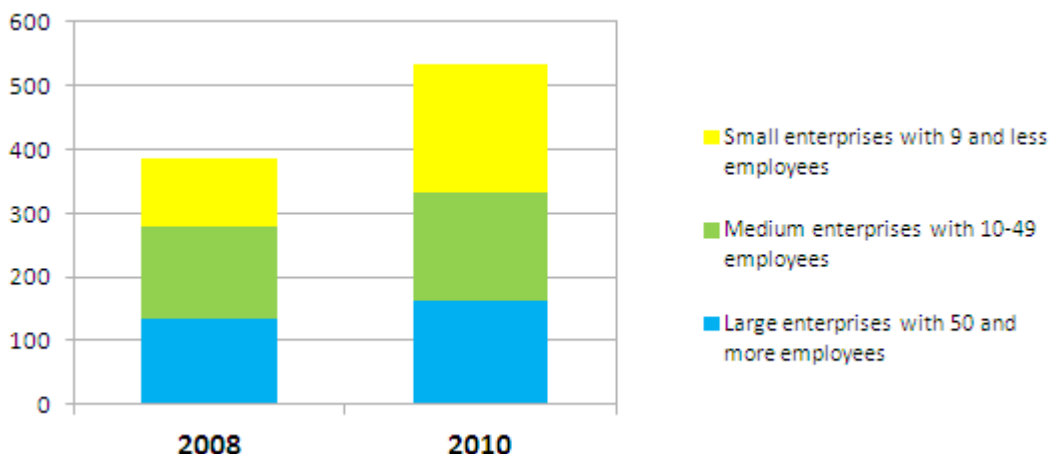
Division	Group	Class	Subclass	Description
18	180	1800	18000	Natural water
69	692	6921	69210	Water distribution through mains, except steam and hot water (on own account)
		6923	69230	Water distribution, except through mains (on own account)
86	863	8633	86330	Water distribution services through mains (on a fee or contract basis)
		8635	86350	Water distribution services, except through mains (on a fee or contract basis)

## 2. MARKET CHARACTERISTICS

In 2010 turnover of enterprises performing activities classified according to NACE Rev.2/ISIC Rev.4 as Water collection, treatment and supply services accounted for about 0.4% of total turnover produced by services sector. During years 2008-2010 turnover of those enterprises went up by about 35% and in 2010 amounted to 5,590 mln PLN ( 1,399 mln EUR/1,851 mln USD). At the same time, the number of enterprises rose by 38% to 533 and the number of persons employed – by 18% to 33,128.

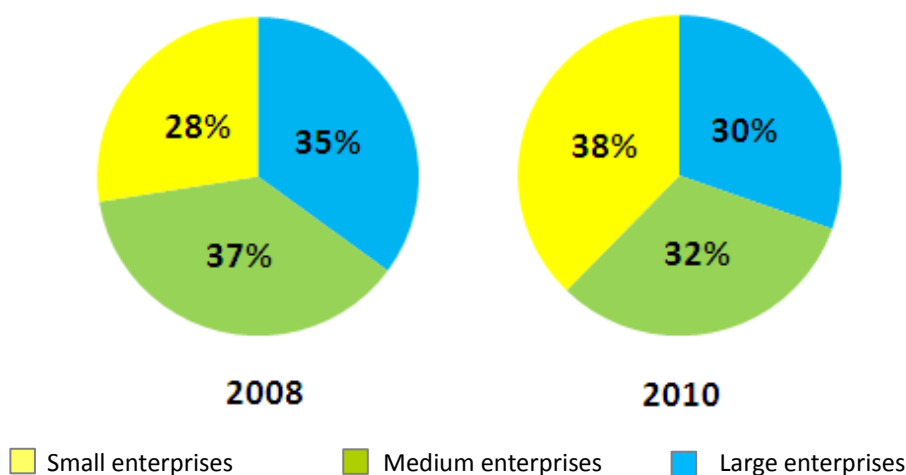
Population of enterprises running activities related to water supply services is almost evenly distributed between small-, medium-, and large-sized entities, but when it comes to turnover and number of employees – its almost 90% and 85% respectively in favour of large enterprises.

**Chart 1: 36 by NACE Rev.2/ISIC Rev.4 Water collection, treatment and distribution services  
Number of enterprises in 2008 and 2010**



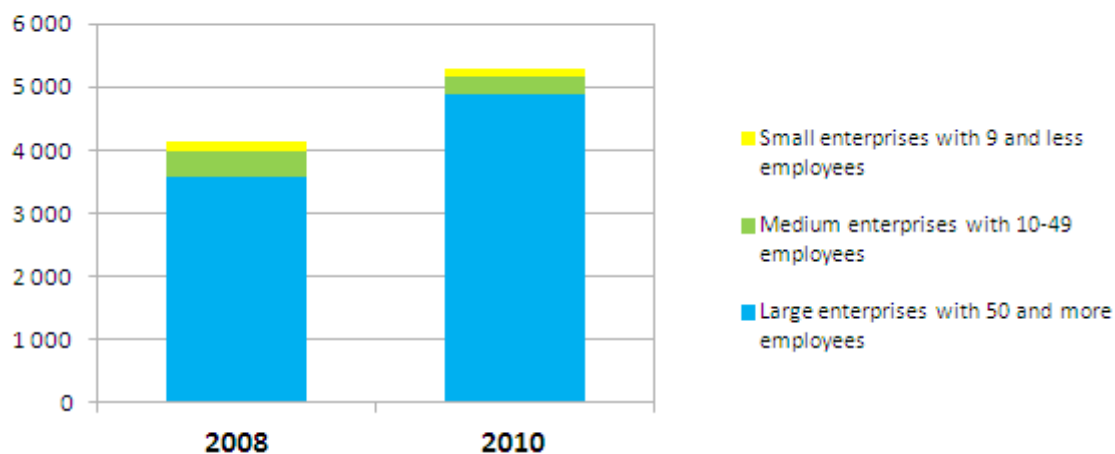
Source: Structural Business Statistics for 2008 and 2010

**Chart 2: 36 by NACE Rev.2/ISIC Rev.4 Water collection, treatment and distribution services  
Structure of number of enterprises in 2008 and 2010 by size of enterprise**



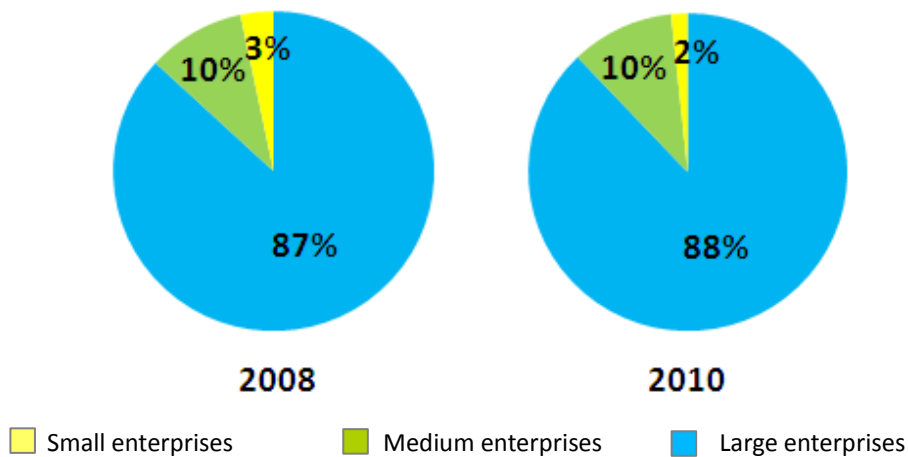
Source: Structural Business Statistics for 2008 and 2010

**Chart 3: 36 by NACE Rev.2/ISIC Rev.4 Water collection, treatment and distribution services  
Turnover in mln PLN in years 2008 and 2010**



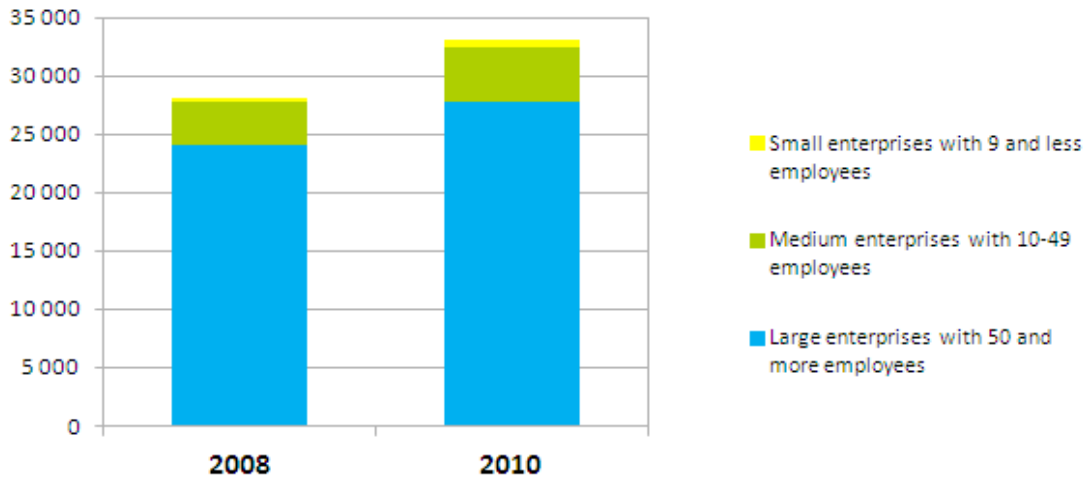
Source: Structural Business Statistics for 2008 and 2010

**Chart 4: 36 by NACE Rev.2/ISIC Rev.4 Water collection, treatment and distribution services  
Structure of turnover in 2008 and 2010 by size of enterprise**



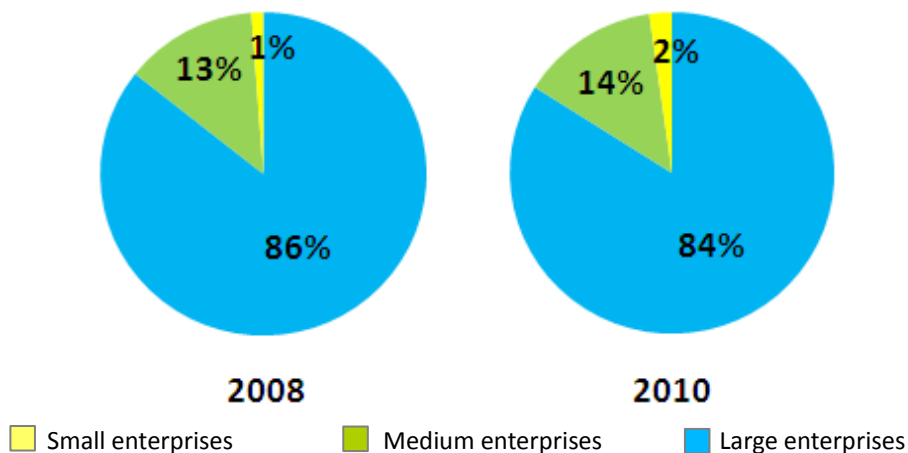
Source: Structural Business Statistics for 2008 and 2010

**Chart 5: 36 by NACE Rev.2/ISIC Rev.4 Water collection, treatment and distribution services  
Number of employees in 2008-2010**



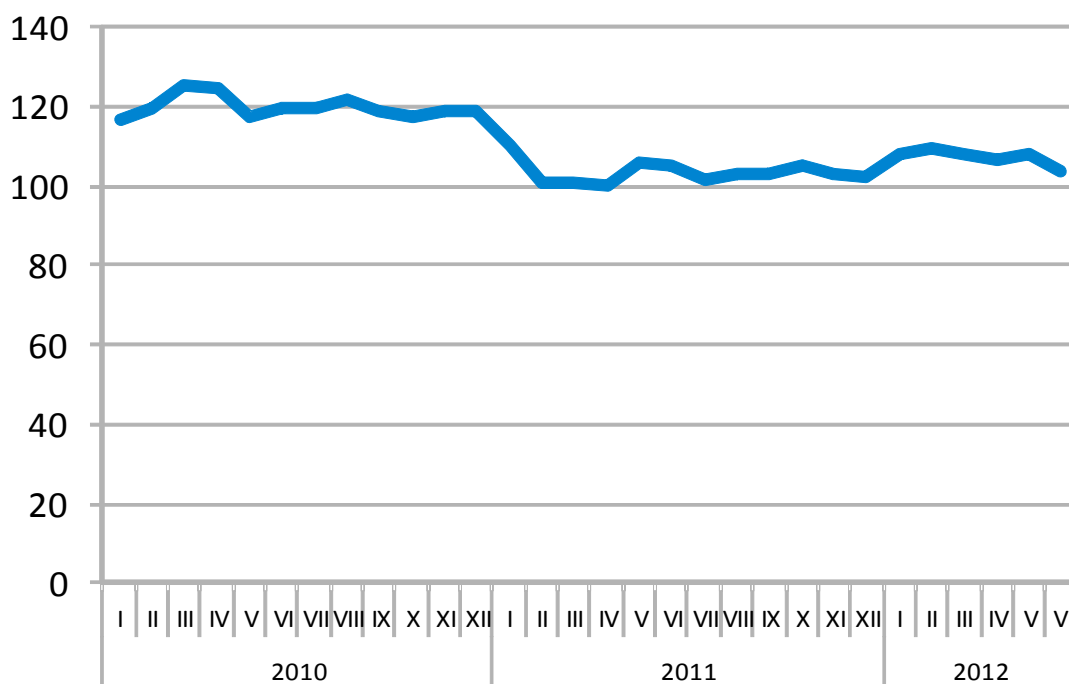
Source: Structural Business Statistics for 2008 and 2010

**Chart 6: 36 by NACE Rev.2/ISIC Rev.4 Water collection, treatment and distribution services  
Structure of number of employees in 2008 and 2010 by size of enterprise**



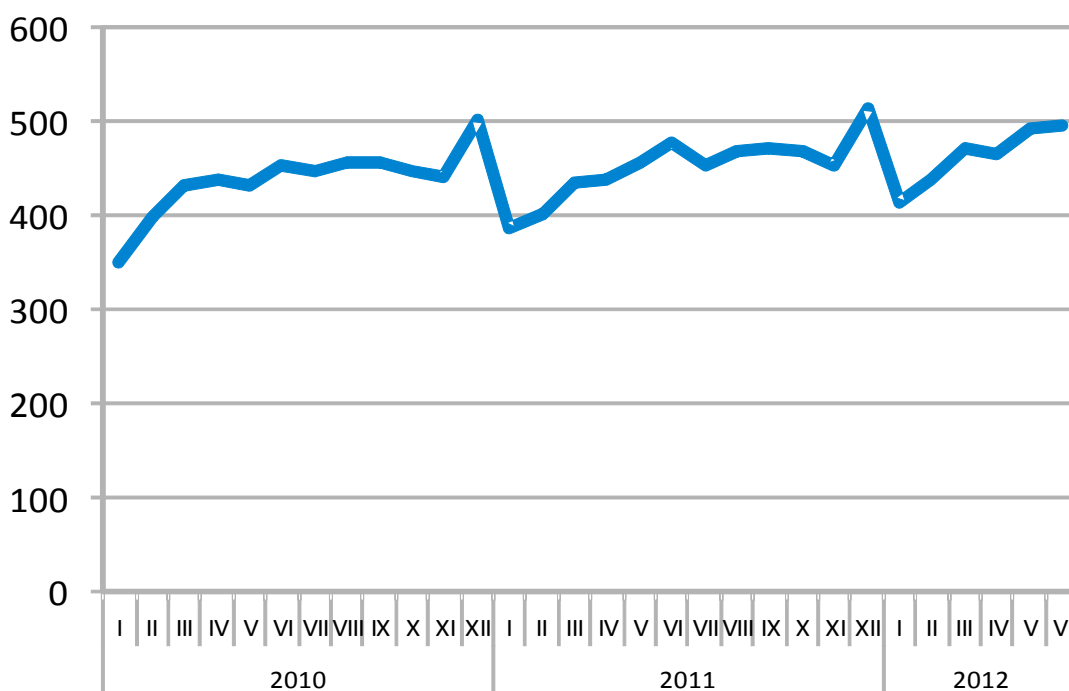
Source: Structural Business Statistics for 2008 and 2010

**Chart 7: 36 by NACE Rev.2/ISIC Rev.4 Water collection, treatment and distribution services**  
**Monthly indices of turnover in years 2010-2012**  
**the same period of the previous year = 100**



Source: Short-term Statistics for 2009-2012

**Chart 8: 36 by NACE Rev.2/ISIC Rev.4 Water collection, treatment and distribution services**  
**Turnover in mln PLN in years 2010-2012**



Source: Short-term Statistics for 2010-2012

### 3. SURVEYS

Data on turnover for water collection, treatment and distribution services are obtained from the structural business statistics (SBS) and short-term statistics (STS).

#### 3.1. Surveys on turnover

##### 3.1.1. Annual surveys

Annual information on turnover of enterprises running the above mentioned activities come from structural business statistics in accordance with the Regulation (EC) No 295/2008 of the European Parliament and of the Council of 11 March 2008 concerning structural business statistics.

Polish public statistics collects data for the purpose of structural business statistics within two questionnaires: *Annual survey on enterprises (SP)* and *Survey on small enterprises (SP-3)*. However, for estimations and imputations of data, there are used other data sources, such as VAT data or information from other surveys, e.g. *Report on water line system, sewerage system and liquid waste stored in septic tanks (M-06)*.

The preliminary data on turnover are available 10 months after the end of the reporting year, and final data within 18 months after the end of the reporting year.

***Annual survey on enterprises (SP)*** provides information from financial statements, such as balance sheet and statement of profit and loss. Apart from that, enterprises report information on local units, number of persons employed, capital assets, etc. The deadline for submission of *Annual survey on enterprises (SP)* is the 30<sup>th</sup> April.

Table 7: SP Annual survey on enterprises. Part II Section 2 Profit and loss statement

Specification		Value in thous. PLN	
		0	1
A. Net revenues from sale and equal		01	
of which	Net revenues from sale of products	02	
	of which export	03	
	Change in the stock of products	04	
	Costs of products manufactured for own needs	05	
	Net revenues from sale of goods and materials	06	
	of which export	07	
B. Operating expenses		08	
of which	Depreciation	09	
	Use of materials and energy	10	
	of which energy	11	
	External services	12	
	of which purchased for the purpose of further resale	13	
	Taxes and fees	14	



	of which excise	15	
	Remuneration	16	
	of which resulting from an employment relationship	17	
	Compulsory social securities	18	
	of which		
	compulsory social securities contributions	19	
	employee training expenditures	20	
	Other expenditures	21	
	of which business travels	22	
	Value of sold goods and materials	23	
C1. Profit from operating activity		24	
C2. Loss from operating activity		25	
D. Other operating revenues		26	
	Profits from selling of non-financial fixed assets	27	
	of which		
	Subsidies	28	
	Other operating revenues	29	
	of which unbound reserves	30	
		...	

**Survey on small enterprises (SP-3)** gives information on small-sized enterprises, with 9 and less persons employed. Data is collected from a sample of about 5% of enterprises which are selected randomly within the settled strata (groupings required by SBS Regulation with the regional breakdown). The deadline for submission of *Survey on small enterprises* is the 16<sup>th</sup> March. Information on turnover come from the Section 4 Revenues and costs from total activity (see below).

Table 8: SP-3 Survey on small enterprises. Section 4 Revenues and costs from total activity

Specification	No.	Monetary value in PLN
A. Revenues from total activity	1	
B. Costs of total activity	2	
...	3	

### 3.1.2. Monthly survey

Data on turnover of enterprises collected for the purpose of short-term statistics originate from a questionnaire **Montly report of enterprise (DG-1)**. All enterprises with 50 and more employees, and 10% sample of enterprises with the number of persons employed between 10 and 49 are surveyed.

Table 9: DG-1 Montly report of enterprise. Section 1 Basic information on the economic activity

Specification		In previous month	From the beginning of the year
0		1	2
Net revenues from sale of products in thous. PLN		01	
of which from the construction activities made on own account within the country territory		02	
of which construction activities as investments		03	
Value of manufactured products excluded from the sale		04	
Net revenues from sale of goods and materials in thous. PLN		05	
...		...	
Excise tax from goods from in-house production in thous. PLN		15	
Excise tax from goods and materials in thous. PLN		16	
Subsides in thous. PLN		17	

### 3.2. Other surveys

#### *Report on water line system, sewerage system and liquid waste stored in septic tanks (M-06)*

Table 10: M-06 Report on water line system, sewerage system and liquid waste stored in septic tanks. Section 1 Exploitation of water supply system

Specification			No.	Amount in thous. cubic metres	
0			1		
Water supply system	water collected from water intakes	total	01		
		of which from surface water intakes	02		
	water collected for water supply purposes		03		
	water losses		04		
	bulk water purchase	total	05		
		of which from abroad	06		
	wholesale of water	total	07		
		of which abroad	08		
	water consumption	total	09		
		of which	of private households and farms	10	
			for production purposes	11	
			for other purposes	12	

Table 11: M-06 Report on water line system, sewerage system and liquid waste stored in septic tanks.  
Section 2 Water supply system

Specification			No.	As of end of year
0			1	
Production capacity of operational water supply installations	of water intakes	total	01	
		of which surface water intakes	02	
	of water treatment installations		03	
	whole mains		04	
Number of water line connections leading to building and other objects			05	

Table 12: M-06 Report on water line system, sewerage system and liquid waste stored in septic tanks.  
Section 3 Selected data on water supply system

No.	Municipality	Length of operative water line network		Number of water line connections to residential buildings and collective accommodation places	water collected from water intakes		water consumption		Operational street water outlets
		arterial	separate water line system		total	of which from surface water intakes	total	of private households and farms	
		in km	in pcs.		in thous. cubic metres		in pcs.		
0	1	2	3	4	5	6	7	8	
01	Total								
02									

#### 4. DATA DISSEMINATION

Data for water supply sector in Poland are published in:

**1. Poland – Macroeconomic Indicators** – available at [http://www.stat.gov.pl/gus/5840\\_5866\\_ENG\\_HTML.htm](http://www.stat.gov.pl/gus/5840_5866_ENG_HTML.htm) – which is a set of selected monthly, quarterly and annual macroeconomic indicators that describe the basic trends of the socio-economic development of the country. In **Quarterly Macroeconomic Indicators** part of the publication indices for water supply are presented together with sewerage, waste management and remediation activities.

**2. Municipal Infrastructure** – available at [http://www.stat.gov.pl/gus/5840\\_1726\\_ENG\\_HTML.htm](http://www.stat.gov.pl/gus/5840_1726_ENG_HTML.htm) – which presents information on devices and municipal services in the scope of water supply and heat management, distribution of electricity and line gas as well as collection and utilisation of municipal waste by localisation of devices or place of providing municipal services. It also describes ownership structure in municipal infrastructure, and population using water supply systems, sewage systems and network gas as well as consumption indices of water, gas and electricity per 1 inhabitant.