

Commentary

The publication Water supply, sewerage and watercourses 2008 presents the information process from two questionnaires VH8b-01 - the annual questionnaire on public water supply and sewerage systems and VH8a-01- on watercourses and surface water supply. The contents of both questionnaires remained unchanged compared to the previous year as well as their processing at the Statistical Processing Department in České Budějovice and at the Agricultural, forestry and Environmental Statistics Department.

The questionnaire VH8b-01 was sent to 1 299 entities, of which 236 were operators of water supply and sewerage systems and 1 063 were municipalities operating these public facilities on their own. The questionnaire rate of return, in case of operators of water supply and sewerage systems, was 100%, in case of municipalities it reached 98%. Recorded data are grossed-up to the whole republic.

Part 1 - Data on water supply and sewerage systems for 2008 includes data grossed-up to the Czech Republic broken by region (NUTS 3).

Comparing of consumption of water, water supply and sewerage collection charges in regions, 2008

Area, region	Specific amount of water invoiced in total l/capita/day	Specific amount of water invoiced for households l/capita/day	Water supply charges (CZK/ m ³)	Sewage collection charges (CZK/ m ³)
Czech Republic	146.4	94.2	26.2	23.0
Hl. město Praha	189.8	122.0	26.3	27.0
Středočeský	134.1	90.2	29.5	21.2
Jihočeský	135.0	88.1	29.4	21.7
Plzeňský	157.7	96.1	23.6	18.6
Karlovarský	151.5	95.6	28.9	24.5
Ústecký	146.8	87.5	29.5	28.7
Liberecký	151.0	89.3	27.6	28.9
Královéhradecký	137.4	88.0	24.8	23.9
Pardubický	137.7	84.9	23.7	24.1
Vysočina	132.9	83.4	25.6	18.4
Jihomoravský	138.1	93.2	24.1	26.4
Olomoucký	127.0	86.5	25.4	23.1
Zlínský	131.5	81.6	26.6	23.3
Moravskoslezský	146.9	98.1	23.4	16.5

Comparing of results and development trends

The biggest consumption of water (total water invoiced) and also in households (water invoiced to households) is recorded for Prague. Water supply charges are highest in the region Středočeský and Ústecký. Sewage collection charges are highest in the region Liberecký and Ústecký. The annual downward trend in specific amount of water invoiced in total was confirmed. It decreased in the Czech Republic by 6.5 l/capita/day to 146.4 l/capita/day compared to 2007. In case of specific amount of water invoiced for households, the decrease made up 4.3 l/capita/day on average. Drinking water rate increased by 6.5% from CZK 24.60 per m³ to CZK 26.20 per m³. Sewage collection rate increased by 7% from CZK 21.50 per m³ to CZK 23.00 per m³. Prices are exclusive of VAT.

Water supply systems – the indicator Percentage of the population supplied with water from water supply systems makes nationwide 92.7%, the y-o-y index is 101.5 showing an increase by 139 thousand inhabitants (given the present increase of the number of population by 107 thousand people). The length of water supply line recorded an increase by 1 628 km (i.e. by 2.3%), number of installed water-meters increased by 1.8% (i.e. by 32 891 pieces), the number of water supply connections went up by 2.1% (i.e. by 37 887 pieces).

Production of water for implementation dropped in the long-term trend by 14.7 million m³ (index 97.8). Contrary to 2007 the quantity of specific amount of water invoiced decreased by 2,9% too. Households took off by 2.9% less of water, industry by 3.8% less. On the contrary, agriculture increased water invoiced take off by 4.8%. Losses in pipelines increased by 2.2%.

Sewerage systems – the figure of Population living in houses connected to sewerage system shows an upward trend; in the observed year it increased to 81.1%, i.e. in absolute terms by 115 thousand persons. Total number of inhabitants living in houses connected to sewerage systems is 8 459 thousand of which 93.4% are connected to wastewater treatment plants showing the y-o-y increase of approximately 136 thousand inhabitants (index 101.8).

The sewerage collection charges go up regularly and in the observed year they reached CZK 11.71 mil. showing the y-o-y growth by 5.1%. In the observed year, in contrast, the quantity of water discharged into sewerage system dropped by 2% and the quantity of treated water (incl. precipitation water) decreased by 4%. The share of treated water decreased to 95.3%.

The number of wastewater treatment facilities increased by 26 facilities (i.e. by 1.3%) and their capacity increased by 42 thousand m³ (i.e. by 1.1%). The quantity of produced sewage sludge increased by 3 400 t (index 102).

Part 2 - Aggregates on water supply and sewerage systems for 2008 are processed by area (NUTS 2). Some key data are compared to the results recorded for 2007.

Part 3 – includes data from the annual questionnaire VH8a-01 on water courses under the management of enterprises Povodí, and especially their classification by the pollution class (improvement). Supplies of surface water increased and so did the water supply charges. Quantity of water discharged decreased as well as the quantity of discharged pollutants.

The calculations in the tables are performed using unrounded figures.