

Commentary

The publication Water supply, sewerage and watercourses 2007 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 České Budějovice and in the department 54 in Prague.

The questionnaire VH8b-01 was sent to 1 480 entities and the data in the statistical return were provided by 1 467 respondents, i.e. 255 operators of water supply and sewerage systems and a sample of 1 212 municipalities operating these public facilities on their own. Only 13 municipalities were classified as non-response. The check was aimed at detection of extremes and their verification at the respondent's place. Imperfections thereby revealed were either in this year's questionnaire or resulted from incorrectly recorded last year's data. The check was not easy especially in case of technical indicators of utilities since methods used by respondents often differ. Recorded data are grossed-up to the whole republic.

Part 1 - Data on water supply and sewerage systems for 2007 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, 2007

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	152.9	98.5	24.60	21.50
Hl. město Praha	200.7	128.7	24.80	26.50
Středočeský	138.4	92.5	27.90	20.40
Jihočeský	140.1	92.0	27.30	19.10
Plzeňský	166.5	99.8	22.60	17.90
Karlovarský	156.0	97.6	27.60	22.50
Ústecký	157.0	97.3	27.30	26.90
Liberecký	161.3	98.3	26.30	25.20
Královéhradecký	142.9	91.2	22.70	22.20
Pardubický	145.4	90.1	22.50	23.40
Vysočina	134.0	84.6	24.10	17.10
Jihomoravský	145.9	97.2	23.00	24.80
Olomoucký	131.2	87.8	23.30	20.80
Zlínský	133.7	83.8	24.90	20.10
Moravskoslezský	151.7	101.8	21.90	14.80

Comparing of results and development trends

The biggest consumption of water (total water invoiced) per capita and also in households (water invoiced to households) is recorded for Prague where the water supply and sewerage collection charges recorded the biggest increase as well. The nationwide annual downward trend in water consumption per capita remained unchanged compared to the last year, household consumption reached almost the same level as in 2005. Drinking water rate increased by 5% from CZK 23.40 to CZK 24.60 per m³, sewerage collection rate increased by 11,4% from CZK 19.30 to CZK 21,50 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 92.3%, the y-o-y index is 100.4 showing an increase by 42 thousand inhabitants (given the present increase of the number of population by 56 thousand people). The length of water supply line (index 101.6) recorded an increase by 1 104 km, number of installed water-meters (index 102.5) increased by 45 071 pieces, the number of water supply connections went up by 28 633 (index 101.6).

In contrast, the number of wastewater treatment plants dropped by 113 facilities (index 93.9) and save for the Ústecký region their number decreased in all remaining regions.

Production of water for implementation dropped in the long-term trend by 15.5 million m³ (index 97.7) due to smaller take-offs in industry and in agriculture. The quantity of specific amount of water invoiced increased by 0.7%, households took off by 1.5% more water invoiced for households than in the last year, which corresponds with the increased number of inhabitants connected to the water supply system. Losses in pipelines dropped by 12%.

Sewerage systems – the figure of Population living in houses connected to sewerage system shows an upward trend; in the observed year it increased to 80.8 % (mid-year population), i.e. in absolute terms by 129.5 thousand persons. Total number of inhabitants living in houses connected to sewerage systems is 8 344 thousand of which 93% are connected to wastewater treatment plants showing the y-o-y increase of approximately 200 thousand inhabitants (index 102.6).

The sewerage collection charges go up regularly and in the observed year they reached CZK 11,14 mil. showing the y-o-y growth by 6.3%. In the observed year, in contrast, the quantity of water discharged into sewerage system dropped (index 95.8) and the quantity of treated water (incl. precipitation water) decreased, too (index 98,1). The share of treated water grossed up to 95.8%.

The number of wastewater treatment facilities increased by 48 facilities (index 102.4) and their capacity increased by 58 thousand m³ (index 101.5). The quantity of produced sewage sludge dropped (index 98.2) approximately by 3 000 tonnes which may be attributed to technological changes (higher percentage of dry matter).

Part 2 - Aggregates on water supply and sewerage systems for 2007 are processed by area (NUTS 2). Some key data are compared to the results recorded for 2006.

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 produced and discharged pollutants.

Published results are calculated from unrounded values.