

Commentary

Elaboration of the VH8b-01 annual statement on water supply systems and sewerage systems involved surveys with 1 324 respondents, out of it 1 050 municipalities and 274 operators, of which 28 operate water supply systems and sewerage systems simultaneously in more regions. 100% return of statement was achieved in case of municipalities and operators too. The reported data are grossed up to the whole republic.

Part 1 - Data on water supply and sewerage systems for 2010 are presented by the Czech Republic broken by region (NUTS 3).

Comparing of consumption of water, water supply and sewerage collection charges in regions, 2010

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	137,9	89,5	29,1	26,3
Hl. město Praha	178,5	104,4	28,2	28,0
Středočeský	128,1	90,0	32,3	24,8
Jihočeský	126,5	86,4	31,5	23,1
Plzeňský	145,8	90,6	26,8	20,2
Karlovarský	140,3	88,5	32,2	27,2
Ústecký	137,2	83,2	33,9	33,1
Liberecký	141,1	87,0	31,7	34,7
Královéhradecký	130,5	86,7	28,0	28,7
Pardubický	129,1	81,8	26,9	30,2
Vysočina	124,1	80,1	28,8	21,2
Jihomoravský	132,2	90,1	26,1	28,5
Olomoucký	121,8	84,3	27,5	22,5
Zlínský	120,9	79,0	30,6	26,7
Moravskoslezský	138,3	94,3	26,9	23,8

Comparing of results and development trends

The annual downward trend in specific amount of water invoiced in total was confirmed. It decreased in the Czech Republic by 4.2 l/capita/day. In case of specific amount of water invoiced for households, the decrease made up 3,0 l/capita/day. Drinking water rate increased from CZK 28.10 per m³ to CZK 29.10 per m³. Sewage collection rate increased from CZK 25.10 per m³ to CZK 26.30 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 93.1%, it is showing an increase by 54.5 thousand inhabitants (given the present increase of the number of population by 25.8 thousand people).

The length of water supply line recorded an increase by 582 km (i.e. by 0.8%), number of installed water-meters increased by 1.6% (i.e. by 30 377 pieces), the number of water supply connections went up by 1.7% (i.e. by 32 158 pieces).

Production of water for implementation dropped in the long-term trend by 12.7 million m³ (index 98.0). The quantity of water invoiced decreased by 2.4% too. Compared with 2009 households took off by 2.7% less of water, industry stayed on the same level and agriculture took off by 3.3% less. Losses in pipelines increased by 0.1%.

Sewerage systems – The figure of Population living in houses connected to sewerage system shows an upward trend; in the observed year it increased to 81.9%, i.e. in absolute terms by 83.4 thousand persons. Total number of inhabitants living in houses connected to sewerage systems is 8 613 thousand of which 94% are connected to wastewater treatment plants showing the y-o-y increase of approximately 98 thousand inhabitants (index 101.2).

The sewerage collection charges go up regularly and in the observed year they reached CZK 12.9 billion showing the y-o-y growth by 3.7%. In the observed year, in contrast, the quantity of water discharged into sewerage system dropped by 1.2%. The quantity of treated water (incl. precipitation water) increased by 13.6%. The share of treated water decreased to 96.2%.

The number of wastewater treatment facilities increased by 30. The quantity of produced sewage sludge increased by 2 500 t (index 101.5).

Part 2 - Aggregates on water supply and sewerage systems for 2010 are processed by area (NUTS 2). Some key data are compared to the results recorded for 2009.

Part 3 – Includes data from the annual questionnaire VH8a-01 on water courses, surface water abstraction, discharged water and hydraulic engineering works. Five years enhanced survey was done in 2010. The questionnaire VH8a-01 was sent to enterprises Povodí (River Authorities), the Municipal Authority of Prague, Forests of the CR, s. e., Agricultural Water Management Authority. Data of hydraulic engineering works are presented within the enhanced survey.

The calculations in the tables are performed using unrounded figures.