

Commentary

Elaboration of the VH8b-01 annual statement on water supply systems and sewerage systems involved surveys with 1 338 respondents, out of it 1 061 municipalities and 277 operators, of which 29 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 2011 are presented by the Czech Republic broken by region (NUTS 3).

Comparing of consumption of water, water supply and sewerage collection charges in regions, 2011

| 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 | 135,8 | 88,6 | 30,8 | 27,9 |
| Hl. město Praha | 175,2 | 105,2 | 31,3 | 28,0 |
| Středočeský | 126,8 | 89,3 | 33,7 | 24,9 |
| Jihočeský | 123,7 | 85,7 | 33,3 | 25,3 |
| Plzeňský | 140,0 | 83,4 | 31,0 | 23,8 |
| Karlovarský | 134,6 | 84,3 | 34,1 | 29,0 |
| Ústecký | 133,3 | 81,7 | 35,7 | 36,5 |
| Liberecký | 140,1 | 86,5 | 33,2 | 37,2 |
| Královéhradecký | 127,1 | 82,7 | 28,9 | 29,6 |
| Pardubický | 126,4 | 80,9 | 28,5 | 32,1 |
| Vysočina | 121,8 | 79,8 | 29,7 | 21,6 |
| Jihomoravský | 133,4 | 91,3 | 27,0 | 30,0 |
| Olomoucký | 121,0 | 83,7 | 28,6 | 25,4 |
| Zlínský | 119,5 | 78,5 | 32,0 | 27,5 |
| Moravskoslezský | 137,8 | 94,4 | 27,9 | 26,2 |

Comparing of results and development trends

The declining trend in specific amount of water invoiced in total continued in 2011. It decreased in the Czech Republic by 2.1 l/capita/day. In case of specific amount of water invoiced for households, the decrease made up 0.8 l/capita/day.

Drinking water rate increased from CZK 29.10 per m³ to CZK 30.8 per m³. Sewage collection rate increased from CZK 26.30 per m³ to CZK 27.90 per m³. Prices are exclusive of VAT.

Water supply systems – The indicator Percentage of the population supplied with water from water supply systems rose to 93.4%, it is showing an increase by 17.9 thousand inhabitants (given the present increase of the number of population by 21.8 thousand people). It should be noted that number of population for 2011 takes into account the results of the census in 2011.

The length of water supply line recorded an increase by 693 km (i.e. by 0.9%), number of installed water-meters increased by 0.9% (i.e. by 17 681 pieces), the number of water supply connections went up by 1% (i.e. by 18 651 pieces).

Production of water for implementation dropped in the long-term trend by 18.9 million m³ (index 97.0). The quantity of water invoiced decreased by 1.3% too. Of which households took off by 0.8% less of water, industry took off by 2.7% less and agriculture took off by 2.5% less of water. Share of losses of Production of drinking water for implementation decreased from 19.7% to 18.5%.

Sewerage systems – The figure of Population living in houses connected to sewerage system shows an upward trend; in the observed year it increased to 82.6%, i.e. in absolute terms by 58.3 thousand persons. Total number of inhabitants living in houses connected to sewerage systems is 8 672 thousand of which 94.4% are connected to wastewater treatment plants showing the y-o-y increase of approximately 91 thousand inhabitants (index 101.1).

The sewerage collection charges reached in the observed year CZK 13.6 billion showing the y-o-y growth by 5.4%., The quantity of water discharged into sewerage system dropped by 0.5% in the observed year. The quantity of treated water (incl. precipitation water) decreased by 9.1%. The extremely high amount of rainwater in 2010 affected this decline. The share of treated water decreased to 96.8%.

The number of wastewater treatment facilities increased by 63. The quantity of produced sewage sludge decreased by 6.8 thousand tons (4%).

Part 2 - Aggregates on water supply and sewerage systems for 2011 are processed by area (NUTS 2). Some key data are compared to the results recorded for 2010.

Part 3 – Includes data from the annual questionnaire VH8a-01 on water courses, surface water abstraction and discharged water.

Data on the lengths of watercourses and their classification into quality classes are affected by the transformation of Agricultural Water Management Authority, under which the management of small streams passed under the administration of State-owned enterprise Povodi (River Authorities).

The results are therefore not comparable with previous years.

The calculations in the tables are performed using unrounded figures.