

# Water courses and waterworks

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2 Metadata update	
2.1 Date of last update	21.03.2023
3 Statistical presentation	
3.1 Data description	
The data provide users with information on water courses and waterworks in Slovakia. The data include information on flood risk area and surface water supply data.	
3.2 Classification system	
Nomenclature of Territorial Units for Statistics (NUTS1).	
3.3 Sector coverage	
Not applicable.	
3.4 Statistical concepts and definitions	
<p>Weir is an inflating construction damming up the river-bed or, exceptionally, valley that serves for formation of a reservoir to get a permanent or temporary inflation of the water for various waterworks purposes.</p> <p>Water reservoir is reservoir from which water offtake for public water supply is realized.</p> <p>Controllable volume of water reservoirs is a total controllable capacity of reservoirs where it is possible, regardless of tributaries to the reservoir, to accumulate and to drain the water as necessary.</p> <p>Retentive volume of water reservoirs is a controllable protective capacity of the reservoir.</p> <p>Reserve volume of water reservoirs is a part of the total reservoir capacity that serves for improving flow and for securing water taking in drought areas.</p>	

Area endangered by floods includes the area that is endangered by the high water. High water is 10 years old water (Q 10) and 100 years old water (Q 100). We give approximate figures. Area protected against floods includes the area that would be flooded because of higher flows of the water in water-courses in case that the retentive volume of reservoirs, adjustments to water courses or protecting dikes were not built.

### 3.5 Statistical unit

Not relevant.

### 3.6 Statistical population

All water courses and waterworks in the Slovak Water Management Enterprise register.

### 3.7 Reference area

Statistics of water courses and waterworks are available for the SR together.

### 3.8 Time coverage

1996-2021

### 3.9 Base period

Not applicable.

## 4 Unit of measure

Length of watercourses in kilometers, number of water works, volume of reservoirs and surface water supply in mill. m<sup>3</sup>, area endangered by floods in km<sup>2</sup>.

## 5 Reference period

The reference period is the calendar year.

## 6 Institutional mandate

### 6.1 Legal acts and other agreements

Information on watercourses and waterworks is collected by the Slovak Water Management Company in accordance with Act 540/2001 Coll. on state statistics as amended.

### 6.2 Data sharing

The taken-up administrative data sources from the system of the Slovak Water Management Company serve the needs of the national statistical system.

## 7 Confidentiality

### 7.1 Confidentiality - policy

Protection of statistical confidentiality (protection of confidential statistical data) is a system of interrelated measures in the legislative, methodological, organizational, technical, security and personnel fields, preventing the leakage of confidential statistical data or the premature publication of statistical information. Authorities performing state statistics are obliged to ensure the protection of confidential statistical data from misuse in the manner set out in § 25a and § 29 and 30 of Act No. 540/2001 Coll. on State Statistics, as amended. The principles of the application of confidential statistical data protection are available on the SO SR website at:

<https://slovak.statistics.sk/wps/portal/ext/services/infoservis/confidential>

### 7.2 Confidentiality - data treatment

Confidential statistical data are not disclosed.

## 8 Release policy

### 8.1 Release calendar

Not applicable.

### 8.2 Release calendar access

Not applicable.

### 8.3 User access

The statistical information dissemination policy is formulated in accordance with the State Statistics Act, the Statistical Office Development Strategy, the Eurostat Information Dissemination Strategy and the European Statistics Code of Practice.

The principles of publishing and providing statistical information are available on the SO SR website at:

<https://slovak.statistics.sk/wps/portal/ext/services/infoservis/principles>

## 9 Frequency of dissemination

Yearly.

## 10 Accessibility and clarity

<b>10.1 News release</b>
-
<b>10.2 Publications</b>
Statistical Yearbook of the Slovak Republic - it also includes data on watercourses and waterworks.
<b>10.3 On-line database</b>
SO SR database: DATAcube, access at: <a href="https://slovak.statistics.sk/wps/portal/ext/Databases">https://slovak.statistics.sk/wps/portal/ext/Databases</a>
<b>10.4 Micro-data access</b>
Not applicable.
<b>10.5 Other</b>
-
<b>10.6 Documentation on methodology</b>
Not applicable.
<b>10.7 Quality documentation</b>
SO SR internal documentation to ensure the quality of statistical outputs: <ul style="list-style-type: none"> <li>- Methodological guideline for applying mathematical-statistical methods for the statistical survey</li> <li>- Methodological Instruction - Quality Indicators of Statistical Outputs and Statistical Processes</li> <li>- The Code of Practice for European Statistics:</li> </ul> <a href="https://slovak.statistics.sk/wps/portal/ext/aboutus/key.documents/code.of.practise">https://slovak.statistics.sk/wps/portal/ext/aboutus/key.documents/code.of.practise</a>
<b>11 Quality management</b>
<b>11.1 Quality assurance</b>
The SO SR has a quality management system in place. The Quality Manual includes a description of the quality management system and the fulfillment of ISO 9001 requirements. The application of the Manual ensures that all activities that affect the quality of the products being produced are planned, managed, reviewed, evaluated and meet the requirements accepted in the order. The Quality Guide is available at: <a href="https://slovak.statistics.sk/wps/wcm/connect/9ca43aa4-bfaf-4101-9dae-5263aa834df7/Prirucka_kvality.pdf?MOD=AJPERES&amp;CVID=mu8R9IM&amp;CVID=mu8R9IM">https://slovak.statistics.sk/wps/wcm/connect/9ca43aa4-bfaf-4101-9dae-5263aa834df7/Prirucka_kvality.pdf?MOD=AJPERES&amp;CVID=mu8R9IM&amp;CVID=mu8R9IM</a> The basis of the whole quality management system is the Code of Practice for European Statistics: <a href="https://slovak.statistics.sk/wps/portal/ext/aboutus/key.documents/code.of.practise">https://slovak.statistics.sk/wps/portal/ext/aboutus/key.documents/code.of.practise</a>

## 11.2 Quality assessment

The quality of watercourses and waterworks statistics is very good.

## 12 Relevance

### 12.1 User needs

The main users of data on watercourses and waterworks are: central government authorities, research organizations, academia, researchers and students, professional associations, etc.

### 12.2 User satisfaction

Since 2009, the Statistical Office of the SR has been conducting customer satisfaction surveys with its products and services at two-year intervals. The aim of the surveys is to get information about the interest and opinions of users on providing and quality of statistical products and services. The information obtained is a valuable source for the further activities of the SO SR. The result of the satisfaction survey in 2020 is available on the website of the SO SR at: <https://slovak.statistics.sk/wps/portal/ext/aboutus/marketing/survey.of.satisfaction>  
Satisfaction for the statistics of watercourses and water management works was not measured in the survey.

### 12.3 Completeness

100% - data are available for all water courses and waterworks in the list. Time series of data for individual indicators are available in the public database of the SO SR.

## 13 Accuracy and reliability

### 13.1 Overall accuracy

### 13.2 Sampling error

Not relevant.

### 13.3 Non-sampling error

Not relevant.

## 14 Timeliness and punctuality

### 14.1 Timeliness

Publication of data in the public database of the SO SR is governed by an internal schedule. Data on watercourses and waterworks are published within 10 months after the reference year.

#### **14.2 Punctuality**

Publication deadlines are met.

### **15 Coherence and comparability**

#### **15.1 Comparability - geographical**

Not relevant. Statistics of water courses and waterworks are compiled for the whole territory of the Slovak Republic.

#### **15.2 Comparability - over time**

The published data are fully comparable.

#### **15.3 Coherence - cross domain**

Not applicable.

#### **15.4 Coherence - internal**

There are no deviations, statistical outputs are internally consistent.

### **16 Cost and burden**

The SO of the SR regularly monitors the workload of reporting units. As part of the optimization of statistical surveys, it takes measures aimed at reducing their burden. The cost and workload at the level of European statistical products and its monitoring is the responsibility of the Directorate Group for Resources within Eurostat.

### **17 Data revision**

#### **17.1 Data revision - policy**

The revision policy governs the basic rules and general procedures by which the pre-drafted data is later revised as well as applied in revisions for other reasons. The revision policy and calendar is available on the SO SR website at:

<https://slovak.statistics.sk/wps/portal/ext/products/revisions>

#### **17.2 Data revision - practice**

Not applicable.

## **18 Statistical processing**

### **18.1 Source data**

Data on watercourses and waterworks can be found in the register of the Slovak Water Management Enterprise.

### **18.2 Frequency of data collection**

Yearly.

### **18.3 Data collection**

The Statistical Office of the Slovak Republic obtains data from administrative sources.

### **18.4 Data validation**

### **18.5 Data compilation**

### **18.6 Adjustment**

## **19 Comment**