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**NATIONAL STANDARD OF THE
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**Urban operation, management and service platforms - Part 7:
Data**

城市运行管理服务平台 第7部分：数据

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Foreword

GB/T 47678.7-2026 | Urban operation, management and services platform - Part 7: Data

GB/T 47678.7-2026 English version. Urban operation, management and services platform - Part

1 Scope

GB/T 47678.7-2026 is the Chinese national standard covering the data model of a city operation platform - every entity, attribute, code list and relationship the platform holds, from the grid cells and the components in them to the cases, the staff and the performance records. At 95,500 words this is by a wide margin the largest document in the 2026 batch, and it is the part of the series that the other nine parts all resolve into. First edition, in force since 1 July 2026. It was issued on 25 May 2026 and has been in force since 1 July 2026, as a first edition. The document is under the responsibility of the Ministry of Housing and Urban-Rural Development. This page is published from the official record of the 2026 edition; the clause text of a standard this recent is not yet in circulation, and the figures,

limits and tables it contains are those of the document itself, delivered in full with the English translation.

6.2 Urban Basic Data It should include data such as geospatial frameworks, evaluation grids, evaluation points, and statistical yearbooks reported by provincial and municipal platforms.

2 Schematic diagram of the provincial platform data framework

7.2 Urban Basic Data Urban basic data should include data such as geospatial framework, evaluation grid, evaluation points, and statistical yearbooks reported by the municipal platform. The content should comply with the provisions of 6.2.

7.3 City Operation Data City operation data should comply with the provisions of 6.3.

7.4 Urban Management Data Urban management data should include business guidance data, supervision and inspection data, and data on municipal utilities management, urban appearance and sanitation management, and landscaping management. Data on comprehensive law enforcement and other industry management and supervision should comply with the following regulations.

- a) Business guidance data includes data shared by the national platform and data entered into the provincial platform that conforms to the provisions of 6.4.2;
- b) The supervision and inspection data includes data issued by the national platform and data entered into the provincial platform that comply with the provisions of 6.4.3;
- c) Data on municipal utilities management, urban appearance and sanitation management, landscaping and greening management, and comprehensive law enforcement, including data reported on the municipal platform, conforming to 6.4.4~ The data specified in 6.4.7.

7.5 Comprehensive Evaluation Data The comprehensive evaluation data should include comprehensive evaluation results from all prefecture-level cities and above in the province, and should comply with the provisions of 6.5.

7.6 Business Collaboration Data Business collaboration data should comply with the provisions of 6.6.

4 General Requirements

4.1 Data shall meet the requirements of authenticity, completeness, accuracy, consistency, timeliness, and exchangeability.

4.2 Data should be managed throughout its entire lifecycle, including collection, storage, integration, visualization, analysis and application, archiving and destruction.

4.3 The identification code shall consist of

22 Arabic numerals and/or uppercase letters in 3 code segments, in the following order. 6 digits for the administrative division code, 2 digits for the data segment, and 2 digits for the data segment. The class code is 7 digits, and the sequence code is 9 digits. The identifier should be unique. The administrative division code for county-level and above should be 6 digits, following the administrative division code format. The regulations of the relevant authorities shall be followed.

4.4 Spatial location data should use the 2000 National Geodetic Coordinate System, and elevation data should use the 1985 National Elevation Datum.

4.5 Data shall be stored in accordance with GB/T 37939 and exchanged in accordance with GB/T 37025.

4.6 Data should be classified and graded in accordance with GB/T 43697, and the management of classified data should be strengthened in accordance with GB/T 35274.

4.7 A maintenance and update mechanism for urban operation management service databases at all levels should be established to update relevant data in a timely manner and conduct regular data analysis. According to backup.

4.8 Data should be described using the following six attributes.

- a) Field name. The name of the data item;
- b) Abbreviated name. The name of the data item used in database design, data exchange, etc., using the first letters of the Chinese pinyin of the field name. Abbreviations consist of uppercase letters, and each abbreviation must be unique within the same data table.
- c) Field Type. The type of data item, determined by the data storage format, including Boolean, character, numeric, date, and date-based data types. Time-based;
- d) Field length. Represented by "X" or "X,Y", where X is the maximum length of the data item and Y is the number of decimal places for the numeric data item. Number, unit. bytes;
- e) Constraints/Conditions. Markers indicating whether a data item is required; M indicates required, C indicates required condition, and O indicates optional.

5 Data Classification and Codes

5.1 A linear classification method should be adopted to divide the data of the urban operation management service platform into four levels. category, major category, medium category, and minor category.

5.2 The data classification code consists of 7 characters. one uppercase English letter and three segments of two-digit Arabic numerals. The code structure is as follows: Category Code

5.3 When major and intermediate categories are no longer further subdivided, the code

should be represented by "00".

5.4 The urban operation management service platform includes urban infrastructure, urban operation, urban management, public services, command and dispatch, comprehensive evaluation, and business operations. Data in categories such as collaboration. National, provincial, and municipal platforms should acquire and store different types and contents of data according to their respective functions. Data classification and codes should comply with the provisions of Appendix A.

6 National Platform Data

6.1 Overall Framework The national platform data should include data on urban infrastructure, urban operation, urban management, comprehensive evaluation, and business collaboration. See the framework diagram below. Figure 1. Figure

6.3 City Operation Data

6.3.1 General Rules Urban operation data should include risk analysis data and joint command data.

6.3.2 Risk Analysis Data

6.3.2.1 General Requirements Risk analysis data should include basic urban infrastructure statistics, operational supervision data, and operational monitoring data, and should comply with the following regulations.

- a) The statistical baseline for urban infrastructure includes statistics on underground pipe networks, statistics on underground pipe network enterprises and plants, and statistics on underground pipe network users. Statistics on water sources, bridges, tunnels, urban roads, and sanitation facilities. Data including statistics on the number of integrated utility tunnels, public buildings, renovation and upgrading projects, and safety accidents;
- b) Operational monitoring data includes statistics on inspections and patrols, statistics on potential hazards, and data on the supervision of major potential hazards;
- c) Operational monitoring data includes risk statistics, monitoring equipment statistics, early warning statistics, and statistics on the handling of early warning events.

6.3.2.2 Basic Statistics on Urban Infrastructure 6.3.2.2.1 Statistics on Underground Pipeline Network

6.3.3 Joint Command Data

6.3.3.1 General Requirements Joint command data includes major events, contingency plans, event cases, support materials, rescue equipment, material reserves, rescue teams, and expert databases. Data and related statistics on safety-related policies, regulations,