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NATIONAL STANDARD OF THE PEOPLE'S REPUBLIC OF CHINA

GB/T 46706-2025

Evaluation index of integrated transportation unification

综合交通运输一体化评价指标

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Foreword

This document conforms to GB/T 1.1-2020 "Standardization Work Guidelines Part

1.Structure and Drafting Rules of Standardization Documents". Drafting is scheduled. Please note that some content in this document may involve patents. The issuing organization of this document assumes no responsibility for identifying patents. This document was proposed and is under the jurisdiction of the National Technical Committee on Standardization of Integrated Transportation (SAC/TC 571). This document was drafted by: China Academy of Transportation Sciences, Tongji University, China Railway Planning and Standardization Research Institute, and the Ministry of Transport. Highway Research Institute, Water Transport Research Institute of the Ministry of Transport, China Civil Aviation Engineering Consulting Co., Ltd., Beijing Guoyou Kexun Technology Development Co., Ltd. Limited Company, Planning and Research Institute of the Ministry of Transport, Planning and Research Center of Jiangsu Provincial Department of Transportation, Jiangsu Zhongshe Group Co., Ltd., Southeast University, Beijing Municipal Engineering Design & Research Institute Co., Ltd. The main drafters of this document are. Wu Ping, Wu Jiaorong, Wang Xianguang, Zhang Tiantian, Zhang Hua, Wang Yang, Zhang Jianping, Yin Huanhuan, Zhu Zhao, Zhu Jishuang, and Xing Husong. Wu Wen, Wang Mingwen, Chen Xiaohong, Liu Dong, Liu Ling, Pan Di, Zhu Canghui, Liu Zhenguo, Tian Chunlin, Wang Jian, Ye Jianhong, Ye Shuang, Deng Yongqi, Liu Zhongkai Han Xiao, Yang Dong, Mai Yuanyuan, Dong Suge, Li Fang, Cheng Jinxing, Gu Liping, Xi Yan, Deng Liying, Zhang Yong, Ye Qian, Zhong Xiaoying, Li Yanhong, Yang Huanyu Li Lei, Tian Yuan, and Wang Anyu. Integrated Transportation Evaluation Indicators

1 Scope

GB/T 46706-2025 is the Chinese national standard covering measuring how well the modes actually join up - the transfer times and distances between rail, air, road and water, the through ticketing and the single consignment, the shared information, and the index built from those. First edition, under the Ministry of Transport. In force from 1 May 2026. Issued on 31 October 2025, it has been in force since 1 May 2026.

This document establishes the evaluation principles and evaluation index system for

integrated transportation evaluation, and stipulates the calculation of evaluation indicators and evaluation results. Results calculation and data survey requirements. This document applies to the overall evaluation of integrated transportation systems within city clusters, metropolitan areas, provinces, and cities.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are listed below. For references to documents, only the version corresponding to that date applies to this document; for undated references, the latest version (including all amendments) applies. This document.

GB/T 44413 Classification of Urban Rail Transit

GB 50925 Code for Urban External Transportation Planning JT/T 1112 Classification and Grading of Integrated Passenger Transport Hubs JT/T 1453 Design Specification for Integrated Passenger Transport Hubs JT/T 1479 Design Specification for Integrated Freight Hubs TB 10100 Design Code for Railway Passenger Stations

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 Integrated transportation unification Through the integration and coordination of various modes of transportation and transportation links, a unified and convenient system can be achieved. A fast and efficient integrated transportation system.

3.2 Multimodal passenger transportation hub By concentrating the transfer points for two or more modes of external transportation with urban traffic in the same space (or area), the system can achieve [the goal of] setting up [the necessary facilities]. Passenger transport infrastructure that effectively connects facilities, transportation organization, and public information.

Note. External transportation modes refer to transportation methods such as railways, highways, waterways, and aviation. [Source: JT/T 1065-2016, 2.1]

3.3 Intermodal freight transportation hub It has functions such as multimodal transport transshipment, cargo distribution, warehousing, and transit transportation, and is centrally deployed to realize the transfer of goods between different modes of transport. A facility that facilitates efficient transshipment and coordination, and possesses a comprehensive information system for freight operations and related services.

Note. Multimodal transport includes road, rail, water and air transport, but excludes pipelines. [Source: JT/T 1479-2023, 3.1]