

ICS 03.220.01

CCS R 85



**NATIONAL STANDARD OF THE
PEOPLE'S REPUBLIC OF CHINA**

GB/T 46707-2025

Calculation method for freight volume in multimodal transport

货物多式联运运量计算方法

Issued on: October 31, 2025

Implemented on: February 1, 2026

**Issued by: State Administration for Market Regulation;
Standardization Administration of the PRC**

Table of Contents

1.Scope	1
2 Normative References	1
3.Terms and Definitions	1
4.Calculation Classification	1
5.Calculation Indicators	2
6 References	7

Foreword

This document complies with the provisions of GB/T 1.1-2020 "Standardization Work Guidelines Part

1.Structure and Drafting Rules of Standardization Documents". Drafting. 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/TC571). This document was drafted by: China Academy of Transportation Sciences, Zhengzhou Comprehensive Transportation Research Institute Co., Ltd., Beijing Jiaotong University, and Jiangsu Province. Provincial Department of Transportation, China Academy of Railway Sciences Group Co., Ltd., China Academy of Civil Aviation Science and Technology, Beijing Municipal Engineering Design Institute Research Institute Co., Ltd. The main drafters of this document are. An Ran, Li Yanlin, Jin Hua, Yan Yuanchun, Liang Yali, Shen Yanhang, Guo Yongjian, Feng Shuzhen, Xiao Geng, Sun Yang, and Sun Dongquan. Wang Shuo, Tian Chunqing, Fang Zengli, Wang Fang, Deng Jingyuan, Huang Sisi, Wei Yuguang, Zhang Wenhai, Zheng Huanhuan, Yang Lei, Zhang Bing, Fang Hengkun, Wang Yanan, Shi Lei Liu Qianyu, Huai Chao, Song Tiancheng, Li Gaoling, and Di Shuai. Method for calculating the volume of multimodal transport of goods

1 Scope

GB/T 46707-2025 is the Chinese national standard covering counting a multimodal consignment once instead of once per leg - the definitions of what qualifies as multimodal, the unit of account, and the calculation that stops the same container being reported three times in national statistics. First edition, in force from 1 February 2026. Issued on 31 October 2025, it has been in force since 1 February 2026.

This document specifies the classification and calculation indicators for multimodal

transport volume, and describes the calculation methods for these indicators. This document applies to the calculation of cargo multimodal transport volume.

2 Normative references

The contents of the following documents, through normative references within the text, constitute essential provisions of this document. Dated citations are not included. 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 26937 Conversion Units for Statistical Container Volume

3 Terms and Definitions

The following terms and definitions apply to this document.

3.1 The transport of goods in which a multimodal transport operator and a shipper enter into a multimodal transport contract.

3.2 In multimodal transport operations, goods are loaded onto a single type of transport unit, and no changes are made to the goods themselves during transshipment between different modes of transport. Cargo transportation for operational purposes.

3.3 The total volume of multimodal freight transport and the turnover of multimodal freight transport completed in multimodal transport operations.

4 Calculation and Classification

4.1 Classification by Multimodal Transport Organization Form Multimodal transport organization forms include single contract multimodal transport and unit multimodal transport.

4.2 Classification by Multimodal Transport Mode Multimodal transport includes road-rail intermodal transport, rail-water intermodal transport, road-water intermodal transport, road-rail-water intermodal transport, air-road intermodal transport, air-rail intermodal transport, river-sea intermodal transport, and others. He is a joint transporter. Note

1.Road transport refers to trunk line transport, excluding in-plant (site) transport, port transport, urban distribution, short-haul transport, etc. Note

2.Other intermodal transport modes include intermodal transport of three or more modes of transport other than road-rail-water intermodal transport, as well as fixed-line transport (pipeline transport, air transport) Intermodal transport (such as cableways) with railways, waterways and other modes of transport.