

ICS 03.220.20
CCS R 06



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

GB/T 21393-2008

**The methods of statistics and analysis for energy consumption
of highway transportation
(English Translation)**

Issued on: February 3, 2008

Implemented on: August 1, 2008

Issued by: Standardization Administration of China

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Foreword

This standard is one of the standard series of statistics and transport energy consumption analysis, the series of standards include.

--- Road transport energy consumption statistics and analysis methods;

--- Shipping energy consumption statistics and analysis methods;

--- Port energy consumption statistics and analysis.

The Standard Appendix A, Appendix B is an informative annex.

The standard proposed by the People's Republic of China Ministry of Transportation.

This standard by the Ministry of Energy Management Office.

This standard was drafted. Ministry of Communications Highway Research Institute, China Association of Enterprises Transportation Energy Regulatory Commission, Jilin University Traffic Institute.

1 Scope

This standard specifies the commercial road transport vehicles Vehicle Classification energy consumption statistics, statistical indicators, survey methodology, index calculation and energy Method source consuming analysis.

This standard applies to road transport for commercial road transport truck and passenger car energy consumption statistics and analysis.

2 Normative references

The following documents contain provisions which, through reference in this standard and become the standard terms. For dated references, subsequent Amendments (not including errata content) or revisions do not apply to this standard, however, encourage the parties to the agreement are based on research Whether the latest versions of these documents. For undated reference documents, the latest versions apply to this standard.

GB/T 2260-2002 People's Republic of China administrative division code GB/T 3358.1 statistical terms the first part of the general statistical terms GB/T 4086.1 Tables for statistical distributions normal

3 Terms and Definitions

GB/T 3358.1 and established the following terms and definitions apply to this standard.

A complete transport vehicle production process is completed, that is the last time to unload cargo (passenger empty) began to unload this cargo (passenger under Empty) until the entire process.

Bicycle and vehicle mileage permitted weight (number of passengers) product.

The formula is.

Total turnover = travel mileage x authorized laden mass (number of passengers) 3.3 each vehicle driving 100 kilometers average fuel consumption.

The formula is.

Hundred cars km fuel consumption = Fuel consumption Mileage x 100 3.4 Vehicle for each completed one hundred tons (thousand) kilometers average fuel consumption of goods (passenger) turnover.

The formula is.

One hundred tonne-kilometers fuel consumption = Fuel consumption Cargo (passenger) turnover x 100