

## ***0.a. Goal***

Goal 9: Build resilient infrastructure, promote inclusive and sustainable industrialization, enhance innovation

## ***0.b. Target***

Objective 9.1: Build a synchronous, quality, reliable, resilient and sustainable transport infrastructure system, including interregional and border infrastructure to support development economic development and people's quality of life with equitable access and affordability for all (global 9.1 target)

## ***0.c. Indicator***

Indicator 9.1.2. Volume of goods transported and rotated

## ***0.d. Series***

Freight volume (tonne kilometers) [9.1.2] IS\_RDP\_FRGVOL

## ***0.e. Metadata update***

June 2021

## ***1.a. Organisation***

General Statistics Office

## ***1.f. Contact mail***

54 Nguyen Chi Thanh, Dong Da, Hanoi

## ***1.g. Contact email***

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## ***2.a. Definition and concepts***

### ***a) Cargo weight***

Is the volume of goods shipped during the period, regardless of the length of the journey. The unit for calculating the volume of transported goods is tons (T), for pipeline transportation is cubic meters (m<sup>3</sup>), but convert to tons to add together when calculating the total volume of transportation.

The weight of the transported goods is calculated according to the actual weight of the transported goods (including packaging if any). The volume of transported goods is only calculated after finishing the transportation process, having transported to the place of delivery as prescribed in the contract of carriage and completing the actual procedures to be loaded on the vehicle to calculate the volume of goods. transport. For bulky goods transported by car, in the condition that it is impossible to measure the weight directly, the calculation shall be equal to 50% of the tonne of the vehicle's tonnage or according to the agreement between the vehicle owner and the goods owner to calculate the weight. actual volume of goods.

### **b) Cargo volume in circulation**

Is the volume of freight calculated according to both factors: The volume of goods transported and the actual transport distance. The unit is Ton-Kilometer (T.Km).

## ***2.b. Unit of measure***

Cargo weight: tons

Cargo volume: tons.km

## ***2.c. Classifications***

The list of administrative units in Vietnam issued together with the Prime Minister's Decision No. 124/2004/QĐ-TTg dated July 8, 2004 and the changes updated by the General Statistics Office to date December 31, 2019)

### ***3.a. Data sources***

- Investigate individual production and business establishments;
- Investigate transportation and warehousing activities.

### ***3.b. Data collection method***

Indicators are integrated and collected through the two surveys mentioned above. These are surveys under the National Statistical Survey Program. Annually, the General Statistics Office coordinates with relevant ministries and branches to carry out the above surveys and synthesize data of the indicator.

\* Investigate transportation and warehousing:

- Monthly cycle, from 8th to 12th of every month
- Objects, investigation units: Enterprises, HTOs and individual production and business establishments dealing in freight, passenger transport, loading and unloading, warehousing, agents and other services in support of transport of all sugar industries.
- Survey content: Revenue from freight, passenger, cargo handling, warehousing, agency and other transport support services;

\* Investigate individual production and business establishments:

- Annual cycle, October 1st.
- Subjects and units of investigation: Individual business establishments operating in all branches of the national economy (except agriculture, forestry and fishery).
- Survey content: Number of establishments and employees of individual production and business establishments; Production and business results: assets, capital sources, revenue, budget payment; Specialized information;

### ***3.d. Data release calendar***

Year.

### ***3.e. Data providers***

General Statistics Office

### ***3.f. Data compilers***

General Statistics Office

## ***4.a. Rationale***

The indicator reflects the results of cargo transportation business activities of various economic types in a certain period of time, which is the basis for analyzing and evaluating the situation of transportation and circulation of goods in the period, and at the same time serving the management, planning of transportation and rotation of goods

## ***4.c. Method of computation***

Method of computation

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Công thức tính:

$$\frac{\text{Khối lượng hàng hóa luân chuyển (T.Km)}}{\text{Khối lượng hàng hóa vận chuyển (T)}} \times \text{Cự ly vận chuyển thực tế (Km)}$$


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## ***5. Data availability and disaggregation***

Annual figures available from 2010-2019 by transport sector

(Source: Statistical Yearbook of the General Statistics Office)

## ***6. Comparability/deviation from international standards***

The indicator “Volume of goods transported and circulated” is one of the indicators corresponding to the global SDG target “9.1.2. Passenger and freight volumes, by mode of transport”. The content of

the Vietnamese and global indicators is the same, so the Vietnamese data warrant international comparison.

The scope of the Vietnamese target covers the global target. The global indicator only counts the volume of goods in circulation. Vietnam includes the volume of goods transported and rotated.

## ***7. References and Documentation***

- National statistical survey program issued under Decision No. 43/2016/QĐ-TTg dated October 17, 2016 of the Prime Minister
- Circular No. 03/2019/TT-BKHĐT dated January 22, 2019 stipulating the set of statistical indicators for sustainable development of Vietnam;
- <https://unstats.un.org/sdgs/metadata/>