



HELLENIC REPUBLIC

Piraeus, 28 September 2023

HELLENIC STATISTICAL AUTHORITY

## ROAD FREIGHT TRANSPORT STATISTICS: 1<sup>st</sup> Quarter 2023

The Hellenic Statistical Authority announces the results of the road freight transport survey for the first quarter of 2023.

- According to the survey results, in the 1<sup>st</sup> quarter of 2023 compared to the 1<sup>st</sup> quarter of 2022, a decrease of 4.8% is observed in the total weight of goods which were carried by road freight vehicles registered in Greece. Specifically, in the 1<sup>st</sup> quarter of 2023, the weight of goods carried by national<sup>1</sup> and international<sup>2</sup> road transport vehicles, amounted to 64,207.5 k-tonnes compared with 67,445.8 k-tonnes in the respective period of 2022. The tonne-kilometres in the 1<sup>st</sup> quarter of 2023 amounted to 4,788,705.5 thousands against 4,929,804.2 thousands in the respective period of 2022, thus recording a decrease by 2.9% (Table 1, Graph 1).
- Regarding the type of cargo loading in Greece, in terms of weight carried, when comparing the 1<sup>st</sup> quarter of 2023 to the 1<sup>st</sup> quarter of 2022, an increase is observed in categories “Mobile, self-propelled units”, “Liquid bulk goods (no cargo unit)”, “Any other type of cargo” with the most significant, in absolute values, in “Palletised goods” by 1,458.2 k-tonnes, while a decrease in absolute values is observed in the “Solid bulk goods (no cargo unit)” category by 5,245.8 k-tonnes. In terms of tonne-kilometres, an increase is observed in the categories: “Freight containers”, “Mobile, self-propelled units”, with the most significant increase in absolute values in the category “Any other type of cargo” by 126,446.5 thousand tonne-kilometres while a decrease in absolute values is observed in the “Solid bulk goods (no cargo unit)” category by 183,508.5 thousand tonne-kilometres (Table 2, Graph 2).
- Table 3 illustrates, at the level of Large Geographical Areas (NUTS I), loading data with regard to the weight of freight and tonne-kilometres effected. Specifically, 34.3% of the loadings were observed in Kentriki Ellada, recording an increase by 54.5% in the 1<sup>st</sup> quarter of 2023 compared with the 1<sup>st</sup> quarter of 2022. Over the same time period, the most significant decrease, by 66.4% was observed in Nisia Aigaiou, Kriti (Graphs 3 and 4).
- Table 4 illustrates, at the level of Large Geographical Areas (NUTS I), unloading data with regard to the weight of freight and tonne-kilometres effected. Specifically, 33.8% of the unloadings were observed in Kentriki Ellada, recording an increase by 57.0% in the 1<sup>st</sup> quarter of 2023 compared with the 1<sup>st</sup> quarter of 2022. Over the same time period, the most significant decrease, by 66.2% was observed in Nisia Aigaiou, Kriti (Graphs 5 and 6).

### **Information on methodological issues:**

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<sup>1</sup> National transport: transport where the point of departure and the point of arrival are located within Greece.

<sup>2</sup> International transport: the transport by a loaded or unloaded vehicle where the point of departure and the point of arrival are located in different EU Member States, or a transport from an EU Member State to a non-EU Member State, or between non-EU Member States.

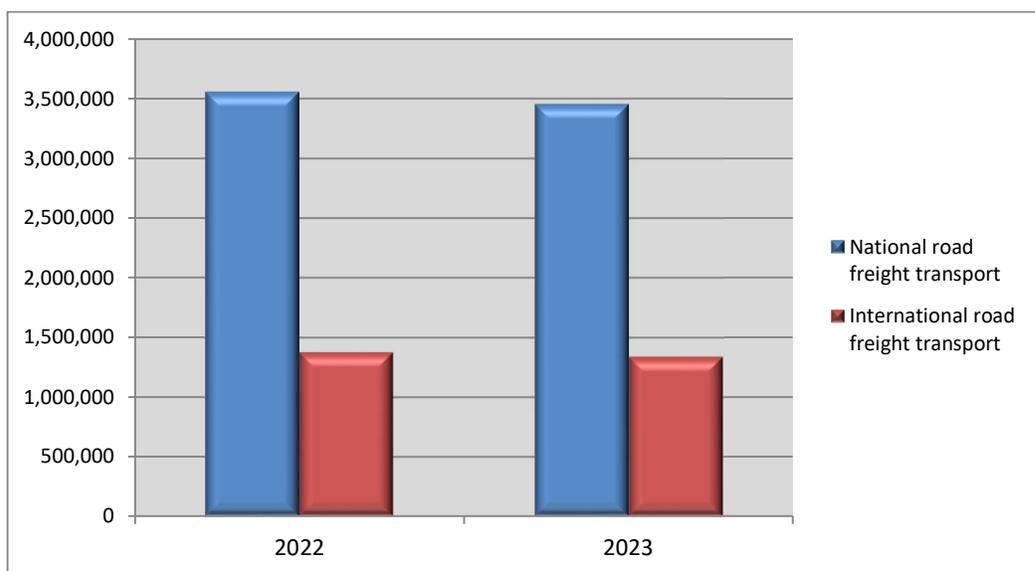
**Table 1. Weight of transported goods and tonne-kilometres<sup>1</sup> effected by road freight vehicles registered in Greece, national and international transport, 1<sup>st</sup> quarter of 2022-2023**

Type of road freight transport	Weight of transported goods (k-tonnes)			Transport performance in thousand tonne-Kilometers (k-tkm)		
	2022	2023	change %	2022	2023	change %
<b>Total</b>	<b>67,445.8</b>	<b>64,207.5</b>	<b>-4.8</b>	<b>4,929,804.2</b>	<b>4,788,705.5</b>	<b>-2.9</b>
National road freight transport	66,358.9	63,077.6	-4.9	3,555,538.7	3,453,134.6	-2.9
International road freight transport	1,086.9	1,129.9	4.0	1,374,265.5	1,335,571.0	-2.8

Remark: Any differences in the totals across tables are on account of rounding up

<sup>1</sup> Tonne-kilometres (tkm) = weight of transported goods x distance travelled

**Graph 1. Tonne-kilometres effected by road freight vehicles registered in Greece, 1<sup>st</sup> quarter of 2022-2023**

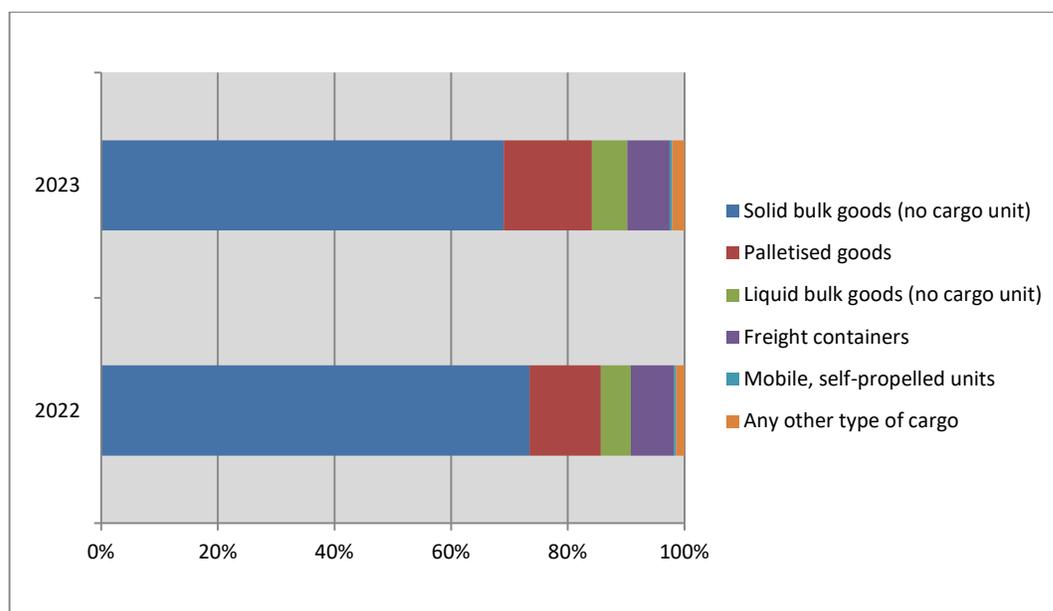


**Table 2. Weight of transported goods and tonne-kilometres effected by road freight vehicles registered in Greece, by type of cargo, 1<sup>st</sup> quarter of 2022-2023**

Type of cargo	Weight of transported goods (k-tonnes)			Transport performance in thousand tonne-kilometres (k-tkm)		
	2022	2023	change %	2022	2023	change %
<b>TOTAL</b>	<b>67,445.8</b>	<b>64,207.5</b>	<b>-4.8</b>	<b>4,929,804.2</b>	<b>4,788,705.5</b>	<b>-2.9</b>
1 - Transport of goods loaded in Greece	67,007.9	63,698.0	-4.9	4,322,154.3	4,147,418.9	-4.0
Solid bulk goods (no cargo unit)	49,204.2	43,958.4	-10.7	1,784,831.0	1,601,322.5	-10.3
Palletised goods	8,173.4	9,631.6	17.8	1,785,908.6	1,644,568.8	-7.9
Liquid bulk goods (no cargo unit)	3,437.3	3,884.3	13.0	396,098.2	314,507.9	-20.6
Freight containers	4,969.9	4,580.5	-7.8	206,881.8	306,497.5	48.2
Mobile, self-propelled units	230.7	294.6	27.7	19,139.0	24,779.9	29.5
Any other type of cargo	992.3	1,348.6	35.9	129,295.8	255,742.3	97.8
2 - Transport of goods loaded abroad (all types of cargo)	437.9	509.5	16.3	607,649.9	641,286.7	5.5

Remark: Any differences in the totals across tables are on account of rounding up

**Graph 2. Percentage distribution of weight of transported goods by type of cargo, loaded in Greece, 1<sup>st</sup> quarter of 2022-2023**

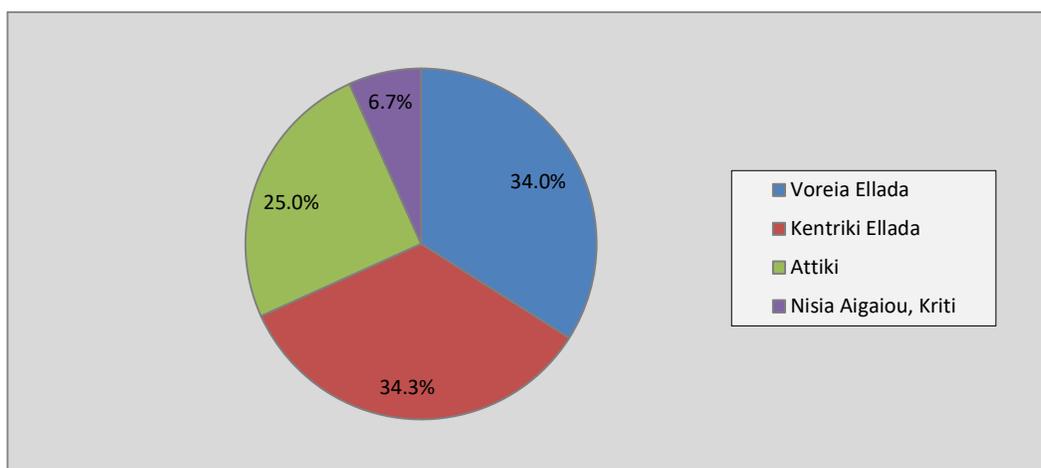


**Table 3. Weight of loaded goods on road freight transport vehicles (national and international transport) and tonne-kilometres effected, by place of loading in Greece, 1<sup>st</sup> quarter of 2022-2023**

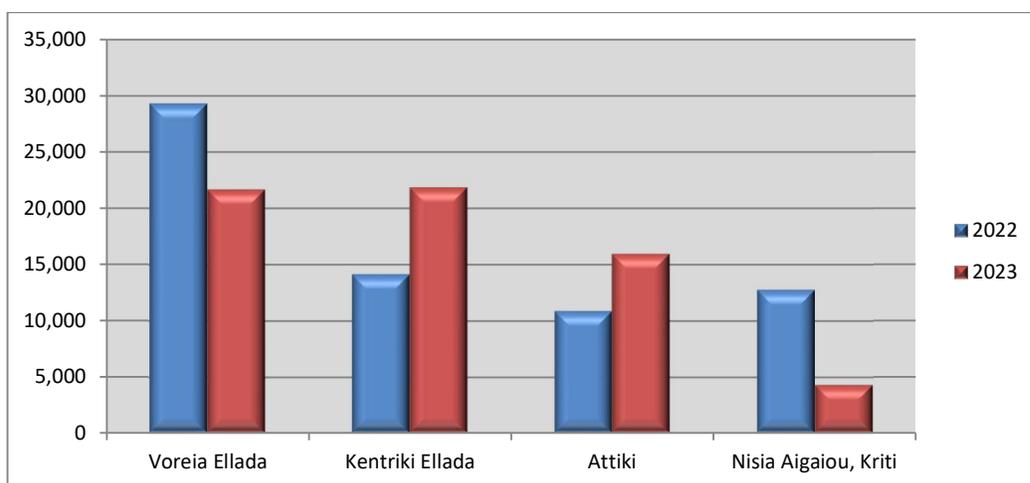
Place of loading <i>by Great Geographic Area (NUTS I)</i>	Weight of freight (k-tonnes)			Transport performance in thousand tonne-kilometres (k-tkm)		
	2022	2023	change %	2022	2023	change %
<b>Greece, Total</b>	<b>67,007.9</b>	<b>63,698.0</b>	<b>-4.9</b>	<b>4,322,154.4</b>	<b>4,147,418.9</b>	<b>-4.0</b>
Voreia Ellada	29,289.3	21,656.1	-26.1	1,712,229.2	1,762,360.4	2.9
Kentriki Ellada	14,131.8	21,830.8	54.5	1,486,015.1	1,261,773.4	-15.1
Attiki	10,859.5	15,941.1	46.8	951,116.0	948,339.3	-0.3
Nisia Aigaiou, Kriti	12,727.3	4,270.0	-66.4	172,794.1	174,945.9	1.2

Remark: Any differences in the totals across tables are on account of rounding up

**Graph 3. Percentage distribution of the weight of goods loaded on road freight transport vehicles by place of loading in Greece, 1<sup>st</sup> quarter of 2023**



**Graph 4. Weight of goods (k-tonnes) loaded on road freight transport vehicles, by place of loading in Greece, 1<sup>st</sup> quarter of 2022-2023**

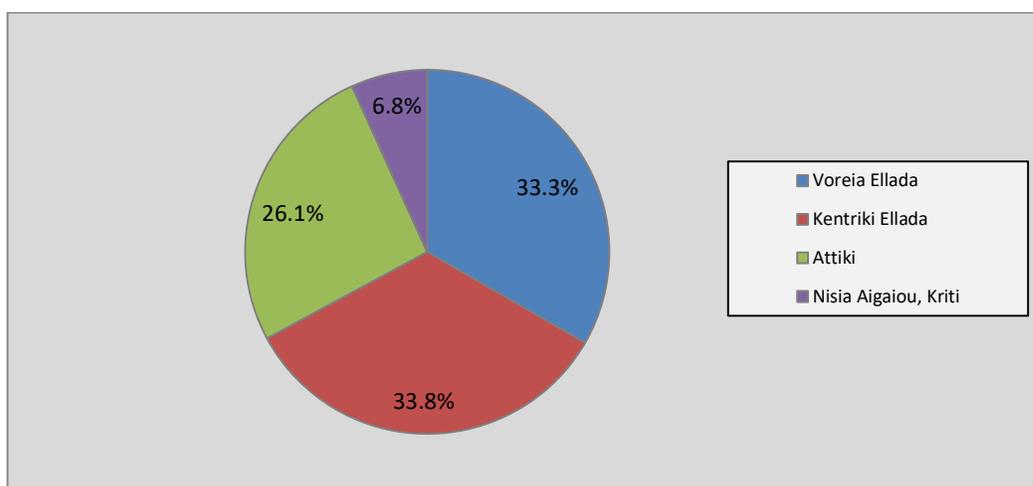


**Table 4. Weight of unloaded goods from road freight transport vehicles (national and international transport) and tonne-kilometres effected, by place of unloading in Greece, 1<sup>st</sup> quarter of 2022-2023**

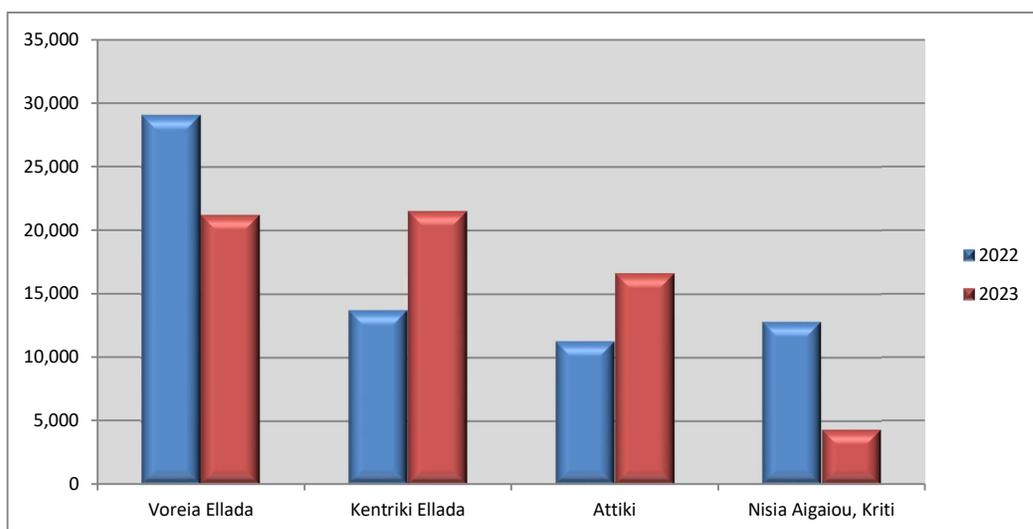
Place of unloading <i>by Great Geographic Area (NUTS I)</i>	Weight of freight (k-tonnes)			Transport performance in thousand tonne-kilometres (k-tkm)		
	2022	2023	change %	2022	2023	change %
<b>Greece, Total</b>	<b>66,824.9</b>	<b>63,654.8</b>	<b>-4.7</b>	<b>4,175,989.6</b>	<b>4,111,788.3</b>	<b>-1.5</b>
Voreia Ellada	29,080.6	21,206.9	-27.1	1,605,474.2	1,579,578.6	-1.6
Kentriki Ellada	13,706.7	21,520.2	57.0	1,260,987.1	1,129,002.1	-10.5
Attiki	11,253.8	16,610.7	47.6	1,127,285.8	1,225,620.5	8.7
Nisia Aigaiou, Kriti	12,783.7	4,316.9	-66.2	182,242.4	177,587.1	-2.6

Remark: Any differences in the totals across tables are on account of rounding up

**Graph 5. Percentage distribution of the weight of goods unloaded from road freight transport vehicles by place of unloading in Greece, 1<sup>st</sup> quarter of 2023**



**Graph 6. Weight of goods (k-tonnes) unloaded from road freight transport vehicles, by place of unloading in Greece, 1<sup>st</sup> quarter of 2022-2023**



## EXPLANATORY NOTES

SURVEY ON ROAD FREIGHT TRANSPORT	The survey on road freight transport is a quarterly survey which has been conducted in all EU Member States since 1999, by virtue of Council Regulation (EC) No 1172/98. The purpose of the survey is to monitor the carriage of goods by road by means of goods road transport vehicles, which are registered in each Member State, as well as the journeys made by such vehicles. The survey does not cover: a) goods road transport vehicles whose authorised weight or dimensions exceed the limits normally permitted in the Member States concerned and b) agricultural vehicles, military vehicles and vehicles belonging to central or local public administrations, with the exception of goods road transport vehicles belonging to public undertakings, and in particular railway undertakings. Each Member State may exclude from the scope of this Regulation goods road transport vehicles whose load capacity or maximum permissible weight is lower than a certain limit (3.5 tonnes of load capacity for Greece).
LEGAL FRAMEWORK	The survey is governed by Regulation (EU) No 70/2012 of the European Parliament and of the Council on statistical returns in respect of the carriage of goods by road. This Regulation is a recast edition of the Regulation (EC) 1172/98, which has been substantially amended several times.
REFERENCE PERIOD	Data refer to the 1 <sup>st</sup> quarter of 2023.
SURVEY METHODOLOGY	The survey is conducted on a quarterly basis. The sample is equally distributed into the thirteen weeks of a quarter. Every vehicle is surveyed during a specific week of the year, from Monday to Sunday. The sample is selected on the basis of various criteria: the vehicle performing national or international road freight transport; the vehicle being for private or for public use; class of load capacity; type of chassis; registered office of the vehicle, etc. The questionnaires are processed and the data are produced in line with rules and guidelines laid down in the relevant Manual of Eurostat.

### LARGE GEOGRAPHIC AREAS OF GREECE (NUTS I)



DEFINITIONS	<p><u>Registered vehicle</u>: the state of having been entered in a register of road transport vehicles, kept by an official body in a Member State. In the case of carriage by means of a combination of road transport vehicles, the complete vehicle shall be deemed to be registered in the country where the goods road transport vehicle is registered.</p> <p><u>International Transport</u>: a) a laden journey undertaken by a vehicle the point of departure and the point of arrival of which are in two different Member States, b) a laden journey undertaken by a vehicle from a Member State to a third country or vice versa, c) a laden journey undertaken by a vehicle between third countries, d) an unladen journey in conjunction with the carriage referred to in points a), b) and c). International carriage shall be carried out subject to possession of a Community license.</p> <p><u>National transport</u>: transport by a loaded vehicle where the point of departure and the point of arrival are located in the same country (Greece).</p> <p><u>Load capacity</u>: maximum weight of goods declared permissible by the competent authority of the country of registration of the vehicle. When the goods road transport vehicle is a road train made up of a lorry with trailer, the load capacity of the road train is the sum of the load capacities of the lorry and the trailer.</p> <p><u>Place of loading</u>: the first place in which goods are loaded on the goods road transport vehicle, which was previously completely empty.</p> <p><u>Place of unloading</u>: the last place in which goods are unloaded from the goods road transport vehicle, which is subsequently completely empty.</p> <p><u>Distance traveled</u>: actual distance excluding the distance covered by the goods road transport vehicle while being transported by another means of transport.</p> <p><u>Types of journey</u>: 1) laden journey involving one single basic transport operation 2) laden journey involving several transport operations, but not considered as a collection or distribution round, 3) laden journey of the collection or distribution round type, 4) unladen journeys.</p>
REMARK	Any differences between the totals across tables are on account of rounding up.
REFERENCES	More information can be found on the portal of ELSTAT, following the link: <a href="https://www.statistics.gr/en/statistics/-/publication/SME15/">https://www.statistics.gr/en/statistics/-/publication/SME15/</a> .