



HELLENIC REPUBLIC
HELLENIC STATISTICAL AUTHORITY

Piraeus, 31 July 2023

STATISTICS ON INTERNATIONAL TRADE IN GOODS BY ENTERPRISE CHARACTERISTICS (TEC), 2021

The Hellenic Statistical Authority (ELSTAT) announces the statistical data on International Trade in Goods by Enterprise Characteristics, presenting the value of imports and exports by economic activity sector of NACE Rev.2 and employment size class of the enterprises, for the year 2021.

On the basis of the available data, in 2021 the total number of enterprises which carried out imports, exports or both types of transactions amounted to 43,178: out of which 20,385 enterprises had transactions with EU countries and 34,480 enterprises with Third Countries. The total value of imports and exports amounted to 97,803.4 million euro: 50,387.3 million euro correspond to transactions with EU countries and 47,416.2 million euro to transactions with Third Countries. The enterprises in sections “Manufacturing”, “Electricity, gas, steam and air conditioning supply”, “Water supply, sewerage, waste management and remediation activities” and “Mining and quarrying” accounted for 59.2% of the total value of transactions; the enterprises in the section “Wholesale and retail trade, repair of motor vehicles and motorcycles” stood for 34.8% of the total value of the transactions and the enterprises belonging to “Agriculture, forestry and fishing”, “Construction” and Other services (excluding Wholesale and retail sale, etc.) accounted for 6.0% of the total value of transactions (Table 1).

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More specifically, as regards imports, 37,038 enterprises had import transactions with value 60,700.1 million euro. The transactions value of the enterprises in sections “Manufacturing”, “Electricity, gas, steam and air conditioning supply”, “Water supply, sewerage, waste management and remediation activities” and “Mining and quarrying”, which represent 19.9% (7,370 enterprises) of the total number of enterprises, accounted for 50.9% of the total imports value (30,888.2 million euro). The transactions value of the enterprises in “Wholesale and retail trade, repair of motor vehicles and motorcycles”, which stand for 53.8% (19,936 enterprises) of the total number of enterprises, accounted for 42.7% (25,895.1 million euro) of the total value of imports. Finally, the transactions value of the enterprises in “Agriculture, forestry and fishing”, “Construction” and Other services (excluding Wholesale and retail trade, etc.), which represent 26.3% (9,732 enterprises) of the total number of enterprises, accounted for 6.4% (3,916.8 million euro) of the total value of imports. (Table 1 - Graph 1.1).

Accordingly, as regards exports, 18,793 enterprises had export transactions amounting to 37,103.3 million euro. The transactions value of the enterprises in sections “Manufacturing”, “Electricity, gas, steam and air conditioning supply”, “Water supply, sewerage, waste management and remediation activities” and “Mining and quarrying”, which represent 30.7% (5,765 enterprises) of the total number of enterprises, accounted for 72.8% (27,000.9 million euro) of the total exports value. The transactions value of the enterprises in “Wholesale and retail trade, repair of motor vehicles and motorcycles”, which stand for 50.2% (9,438 enterprises) of the total number of enterprises, accounted for 21.8% (8,102.7 million euro) of the total value of exports. Finally, the transactions value of the enterprises in sections “Agriculture, forestry and fishing”, “Construction” and Other services (excluding Wholesale and retail trade, etc.), which represent 19.1% (3,590 enterprises) of the total number of enterprises, accounted for 5.4% (1,999.7 million euro) of the total exports value (Table 1 - Graph 1.2).

As regards the breakdown of import data by employment size class of the enterprises, it can be observed that small enterprises with less than 50 employees, which represent 92.1% of the total number of import enterprises accounted for 27.9% of the total value of imports, namely 16,921.6 million euro. Medium-sized enterprises, with 50 to 249 employees, which represent 5.7% of the total number of import enterprises, accounted for 22.8% of the total value of imports, namely 13,839.5 million euro, and large enterprises, with more than 249 employees, which stand for 1.4% of the total number of import enterprises, accounted for 49.3% of the total value of imports, namely 29,931.8 million euro (Table 2.1 - Graph 2.1).

As regards the breakdown of exports data by employment size class of the enterprises, it can be observed that small enterprises with less than 50 employees, which represent 89.9% of the total number of exporting enterprises, accounted for 20.9% of the total value of exports, namely

7,770.8 million euro. Medium-sized enterprises with 50 to 249 employees, which represent 8.1% of the total number of exporting enterprises, accounted for 20.9% of the total value of exports, namely 7,732.7 million euro and large enterprises with more than 249 employees, which represent 1.7% of the total number of exporting enterprises, accounted for 58.2% of the total value of exports, amounting to 21,596.8 million euro (Table 2.2 - Graph 2.2).

On the basis of the available data on the concentration of trade value, it is observed that the top 5 enterprises, in terms of value of transactions, accounted for 25.8% of the total value of imports, the top 100 enterprises accounted for 50.6% of the total value of imports, while the top 1,000 enterprises stood for 77.2% of the total value of imports (Table 3.1 - Graph 3). As regards exports, it is observed that the top 5 enterprises, in terms of value of transactions, accounted for 30.4% of the total value of exports, the top 100 enterprises stood for 55.8% of the total value of exports, while the top 1,000 enterprises accounted for 83.9% of the total value of exports (Table 3.2 - Graph 3).

As regards the breakdown of trade value by sector of economic activity, for imports the following are observed: in sections "Manufacturing", "Electricity, gas, steam and air conditioning supply", "Water supply, sewerage, waste management and remediation activities" and "Mining and quarrying", the top 5 enterprises, in terms of value of transactions, accounted for 50.7% of the total value of imports. In "Agriculture, forestry and fishing", "Construction" and Other services (excluding Wholesale and retail trade, etc.), the top 10 enterprises, in terms of value of transactions, stood for 49.4% of the total value of imports. In "Wholesale and retail trade, repair of motor vehicles and motorcycles", the top 100 enterprises, in terms of value of transactions, accounted for 37.8% of the total value of imports and the top 500 enterprises for 62.6% of the total value of imports (Table 3.1).

Accordingly, as regards exports, on the basis of available data broken down by sector of economic activity, it is observed that in "Manufacturing", "Electricity, gas, steam and air conditioning supply", "Water supply, sewerage, waste management and remediation activities" and "Mining and quarrying", the top 10 enterprises, in terms of value of transactions accounted for 48.7% of the total value of exports. In "Agriculture, forestry and fishing", "Construction" and Other services (excluding Wholesale and retail trade, etc.), the top 50 enterprises, in terms of value of transactions, stood for 56.8% of the total value of exports. In "Wholesale and retail trade, repair of motor vehicles and motorcycles", the top 100 enterprises, in terms of value of transactions, stood for 49.5% of the total value of exports and the top 500 enterprises for 74.0% respectively (Table 3.2).

Table 1. International trade in goods, by type of trader and section of economic activity, 2021

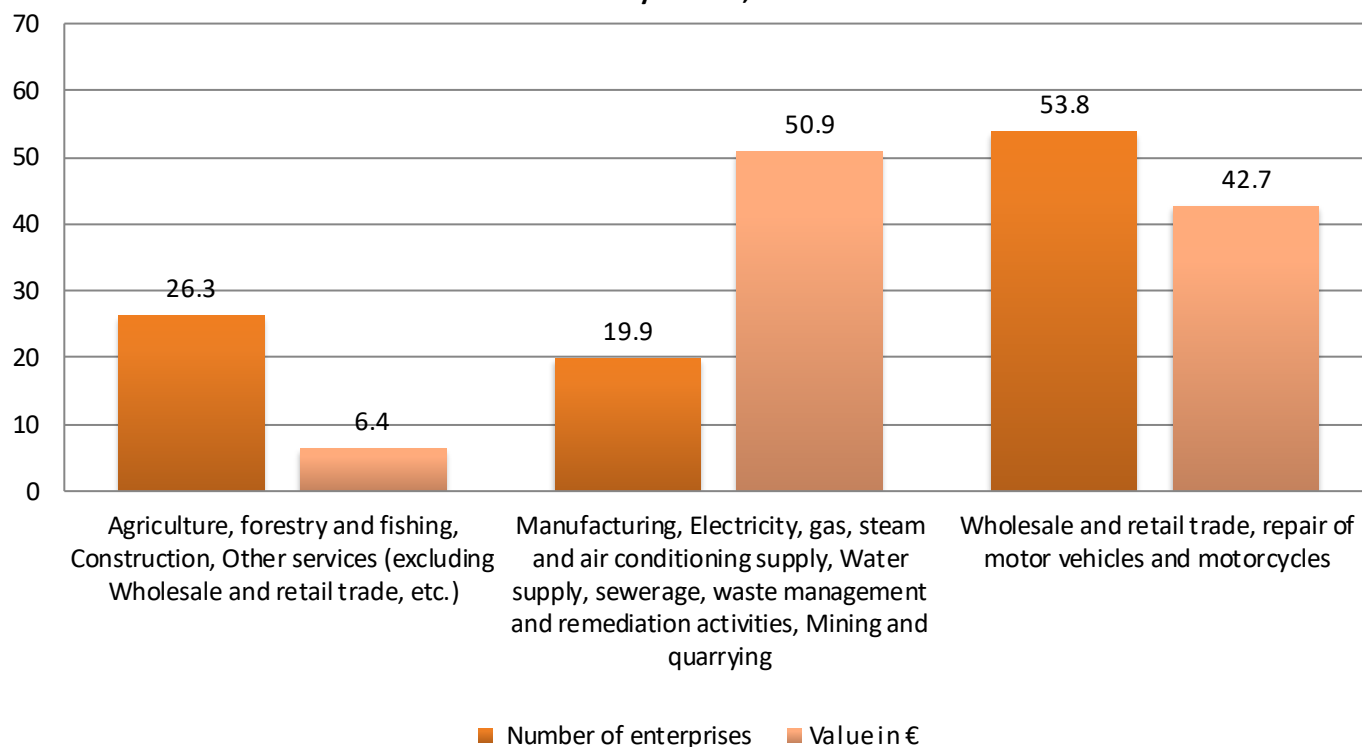
Type of Trader			Total		Agriculture, forestry and fishing, Construction, Other services (excluding Wholesale and retail trade, etc.)		Manufacturing, Electricity, gas, steam and air conditioning supply, Water supply, sewerage, waste management and remediation activities, Mining and quarrying ⁽³⁾		Wholesale and retail trade, repair of motor vehicles and motorcycles	
			Number of enterprises	Value in €	Number of enterprises	Value in €	Number of enterprises	Value in €	Number of enterprises	Value in €
Total - Importers and Exporters ⁽¹⁾	Imports and Exports	World ⁽²⁾	43,178	97,803,414,648	11,368	5,916,483,568	9,292	57,889,093,223	22,518	33,997,837,857
		of which:								
		European Union	20,385	50,387,251,907	3,409	3,201,298,449	4,656	22,628,753,711	12,320	24,557,199,747
		Third countries	34,480	47,416,162,741	9,438	2,715,185,119	8,075	35,260,339,512	16,967	9,440,638,110
Importers	Imports	World ⁽²⁾	37,038	60,700,095,423	9,732	3,916,800,579	7,370	30,888,161,657	19,936	25,895,133,187
		of which:								
		European Union	17,367	31,047,489,518	2,638	2,344,575,474	3,868	9,921,676,926	10,861	18,781,237,118
		Third countries	28,507	29,652,605,905	7,987	1,572,225,105	6,032	20,966,484,731	14,488	7,113,896,069
of which:										
Importers only	Imports	World ⁽²⁾	24,385	5,319,444,347	7,778	710,340,841	3,527	500,648,609	13,080	4,108,454,897
		of which:								
		European Union	8,238	3,784,641,218	1,813	486,624,325	941	256,196,414	5,484	3,041,820,479
		Third countries	18,684	1,534,803,129	6,360	223,716,516	2,926	244,452,195	9,398	1,066,634,418
Two-way traders ⁽¹⁾	Imports	World ⁽²⁾	12,653	55,380,651,076	1,954	3,206,459,738	3,843	30,387,513,048	6,856	21,786,678,290
		of which:								
		European Union	9,129	27,262,848,300	825	1,857,951,149	2,927	9,665,480,512	5,377	15,739,416,639
		Third countries	9,823	28,117,802,776	1,627	1,348,508,589	3,106	20,722,032,536	5,090	6,047,261,651
Exporters	Exports	World ⁽²⁾	18,793	37,103,319,225	3,590	1,999,682,989	5,765	27,000,931,566	9,438	8,102,704,670
		of which:								
		European Union	11,061	19,339,762,389	1,440	856,722,975	3,448	12,707,076,785	6,173	5,775,962,629
		Third countries	13,612	17,763,556,836	2,846	1,142,960,014	4,694	14,293,854,781	6,072	2,326,742,041
of which:										
Exporters only	Exports	World ⁽²⁾	6,140	2,037,932,663	1,636	322,268,690	1,922	329,929,464	2,582	1,385,734,509
		of which:								
		European Union	1,969	1,238,859,252	413	115,039,227	546	207,408,510	1,010	916,411,515
		Third countries	4,850	799,073,411	1,320	207,229,463	1,610	122,520,954	1,920	469,322,994
Two-way traders ⁽¹⁾	Exports	World ⁽²⁾	12,653	35,065,386,562	1,954	1,677,414,299	3,843	26,671,002,102	6,856	6,716,970,161
		of which:								
		European Union	9,092	18,100,903,137	1,027	741,683,748	2,902	12,499,668,275	5,163	4,859,551,114
		Third countries	8,762	16,964,483,425	1,526	935,730,551	3,084	14,171,333,827	4,152	1,857,419,047

⁽¹⁾ Two-way traders are recorded only once.

⁽²⁾ The number of enterprises does not sum to the total number of enterprises because one enterprise may have transactions with both EU countries and Third countries.

⁽³⁾ Enterprises with unknown section of economic activity, are included. They correspond to a small number with low value of transactions.

Graph 1.1. Imports: Percentage distribution of enterprises and trade value by economic activity section, 2021



Graph 1.2. Exports: Percentage distribution of enterprises and trade value by economic activity section, 2021

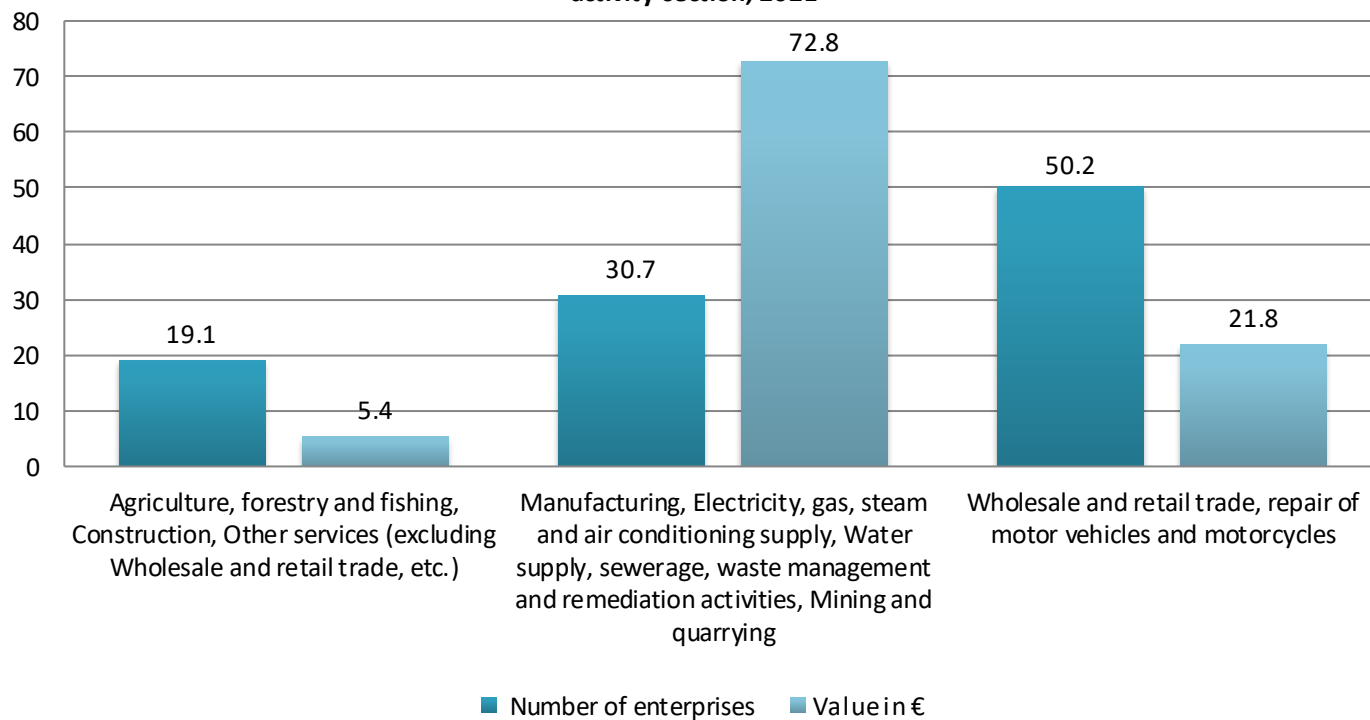


Table 2.1. Imports: Number of enterprises and trade value, by employment size class and section of economic activity, 2021

Enterprise size class (in terms of employment)	Total				Agriculture, forestry and fishing, Construction, Other services (excluding Wholesale and retail trade, etc.)				Manufacturing, Electricity, gas, steam and air conditioning supply, Water supply, sewerage, waste management and remediation activities, Mining and quarrying ⁽¹⁾				Wholesale and retail trade, repair of motor vehicles and motorcycles			
	Number of enterprises	Share %	Value in €	Share %	Number of enterprises	Share %	Value in €	Share %	Number of enterprises	Share %	Value in €	Share %	Number of enterprises	Share %	Value in €	Share %
0 - 9	25,878	69.9	6,140,935,991	10.1	6,456	66.3	645,517,909	16.5	4,045	54.9	594,591,093	1.9	15,377	77.1	4,900,826,989	18.9
10 - 49	8,227	22.2	10,780,660,060	17.8	2,097	21.6	871,872,325	22.2	2,378	32.3	1,760,889,598	5.7	3,752	18.8	8,147,898,137	31.5
50 - 249	2,111	5.7	13,839,522,215	22.8	752	7.7	591,562,885	15.1	739	10.0	5,623,044,994	18.2	620	3.1	7,624,914,336	29.4
≥250	514	1.4	29,931,774,683	49.3	261	2.7	1,805,438,545	46.1	160	2.2	22,905,740,022	74.2	93	0.5	5,220,596,116	20.2
Unknown	308	0.8	7,202,474	0.0	166	1.7	2,408,915	0.1	48	0.6	3,895,950	0.0	94	0.5	897,609	0.0
Total	37,038	100.0	60,700,095,423	100.0	9,732	100.0	3,916,800,579	100.0	7,370	100.0	30,888,161,657	100.0	19,936	100.0	25,895,133,187	100.0

⁽¹⁾ Enterprises with unknown section of economic activity, are included. They correspond to a small number with low value of transactions.

Graph 2.1. Imports: Percentage distribution of enterprises and trade value by employment size class, 2021

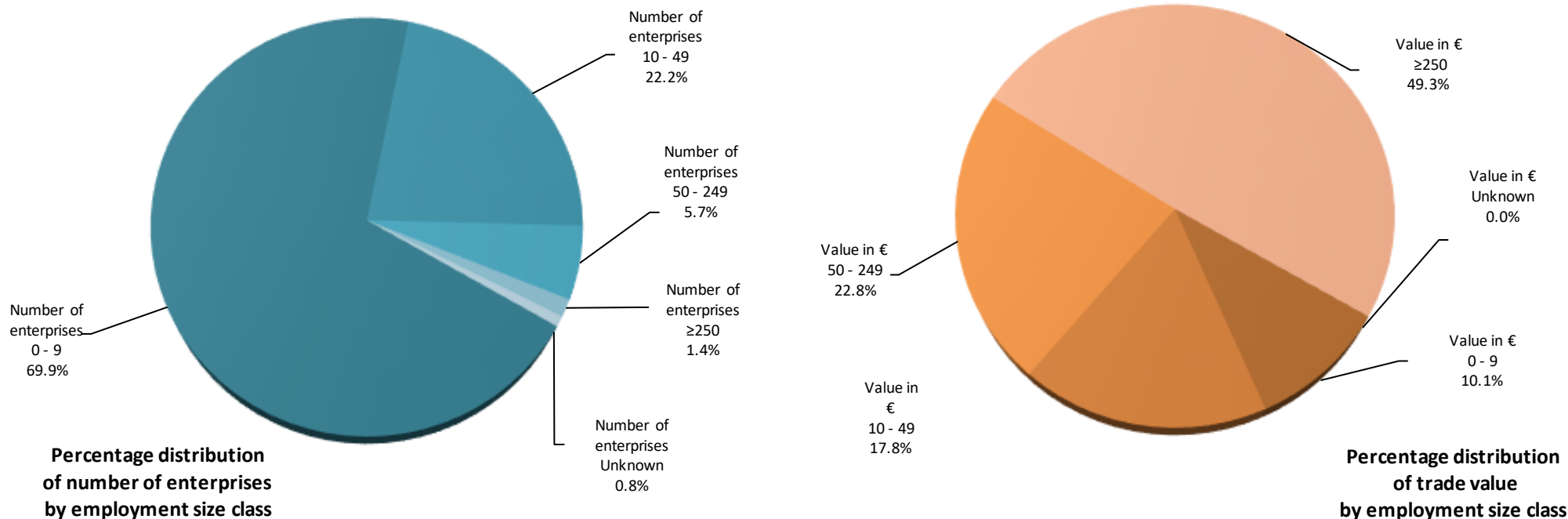


Table 2.2. Exports: Number of enterprises and trade value, by employment size class and section of economic activity, 2021

Enterprise size class (in terms of employment)	Total				Agriculture, forestry and fishing, Construction, Other services (excluding Wholesale and retail trade, etc.)				Manufacturing, Electricity, gas, steam and air conditioning supply, Water supply, sewerage, waste management and remediation activities, Mining and quarrying ⁽¹⁾				Wholesale and retail trade, repair of motor vehicles and motorcycles			
	Number of enterprises	Share %	Value in €	Share %	Number of enterprises	Share %	Value in €	Share %	Number of enterprises	Share %	Value in €	Share %	Number of enterprises	Share %	Value in €	Share %
0 - 9	11,401	60.7	3,343,918,475	9.0	2,321	64.7	276,201,023	13.8	2,811	48.8	441,966,362	1.7	6,269	66.4	2,625,751,090	32.4
10 - 49	5,488	29.2	4,426,834,152	11.9	857	23.9	350,902,464	17.6	2,082	36.1	1,870,533,702	6.9	2,549	27.0	2,205,397,986	27.2
50 - 249	1,522	8.1	7,732,672,101	20.9	285	7.9	851,328,208	42.6	713	12.4	4,788,546,406	17.7	524	5.6	2,092,797,487	25.8
≥250	330	1.7	21,596,822,731	58.2	97	2.7	518,577,020	25.9	153	2.6	19,899,810,394	73.7	80	0.8	1,178,435,317	14.6
Unknown	52	0.3	3,071,766	0.0	30	0.8	2,674,274	0.1	6	0.1	74,702	0.0	16	0.2	322,790	0.0
Total	18,793	100.0	37,103,319,225	100.0	3,590	100.0	1,999,682,989	100.0	5,765	100.0	27,000,931,566	100.0	9,438	100.0	8,102,704,670	100.0

⁽¹⁾ Enterprises with unknown section of economic activity, are included. They correspond to a small number with low value of transactions.

Graph 2.2. Exports: Percentage distribution of enterprises and trade value by employment size class, 2021

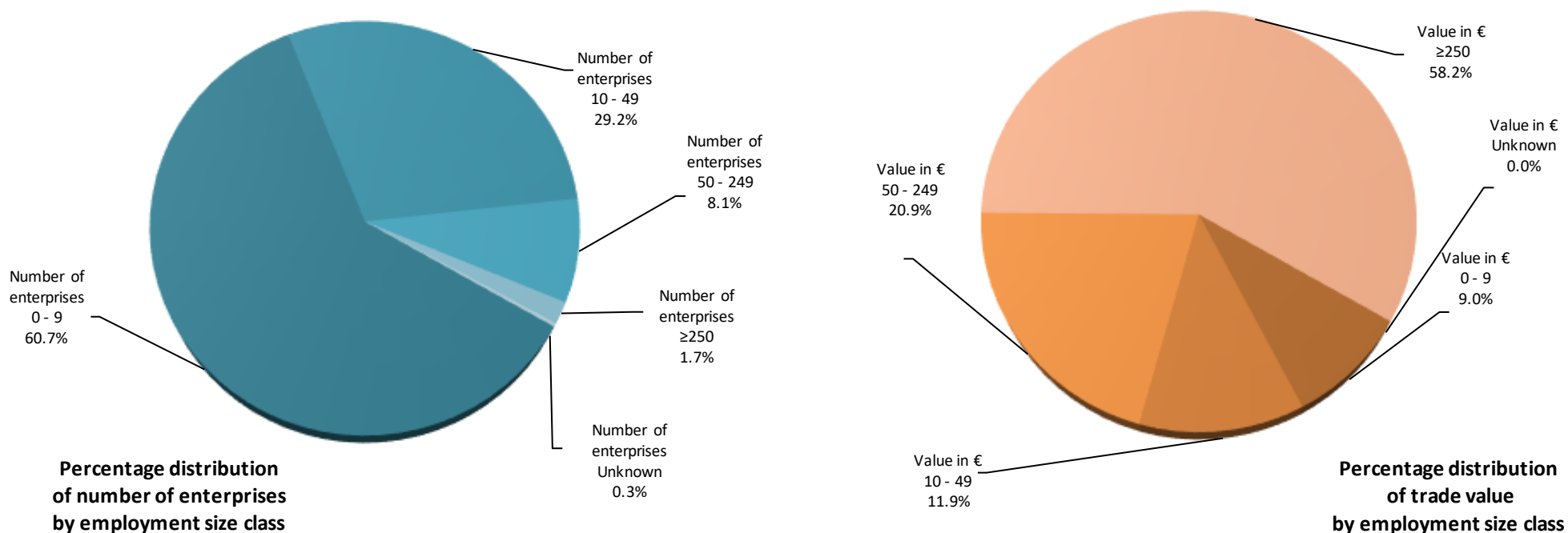


Table 3.1. Imports: Concentration of trade value by section of economic activity, 2021

Distribution of enterprises by value of transactions ⁽¹⁾	Imports							
	Total		Agriculture, forestry and fishing, Construction, Other services (excluding Wholesale and retail trade, etc.)		Manufacturing, Electricity, gas, steam and air conditioning supply, Water supply, sewerage, waste management and remediation activities, Mining and quarrying ⁽²⁾		Wholesale and retail trade, repair of motor vehicles and motorcycles	
	Value in €	Share %	Value in €	Share %	Value in €	Share %	Value in €	Share %
Top 5	15,647,286,222	25.8	1,598,678,953	40.8	15,657,188,313	50.7	2,102,781,833	8.1
Top 10	18,787,504,574	31.0	1,934,296,258	49.4	17,901,012,059	58.0	3,154,619,481	12.2
Top 20	21,875,294,036	36.0	2,307,097,444	58.9	19,787,703,531	64.1	4,712,832,063	18.2
Top 50	26,720,675,198	44.0	2,735,811,163	69.8	21,944,904,576	71.0	7,413,594,151	28.6
Top 100	30,737,951,510	50.6	2,977,018,043	76.0	23,944,376,065	77.5	9,792,332,435	37.8
Top 500	42,077,638,348	69.3	3,467,814,084	88.5	27,965,224,913	90.5	16,203,345,443	62.6
Top 1,000	46,837,018,614	77.2	3,661,071,785	93.5	29,257,154,062	94.7	18,991,441,357	73.3
Total	60,700,095,423	100.0	3,916,800,579	100.0	30,888,161,657	100.0	25,895,133,187	100.0

⁽¹⁾ The distribution of enterprises is based on the value of their transactions.

⁽²⁾ Enterprises with unknown section of economic activity, are included. They correspond to a small number with low value of transactions.

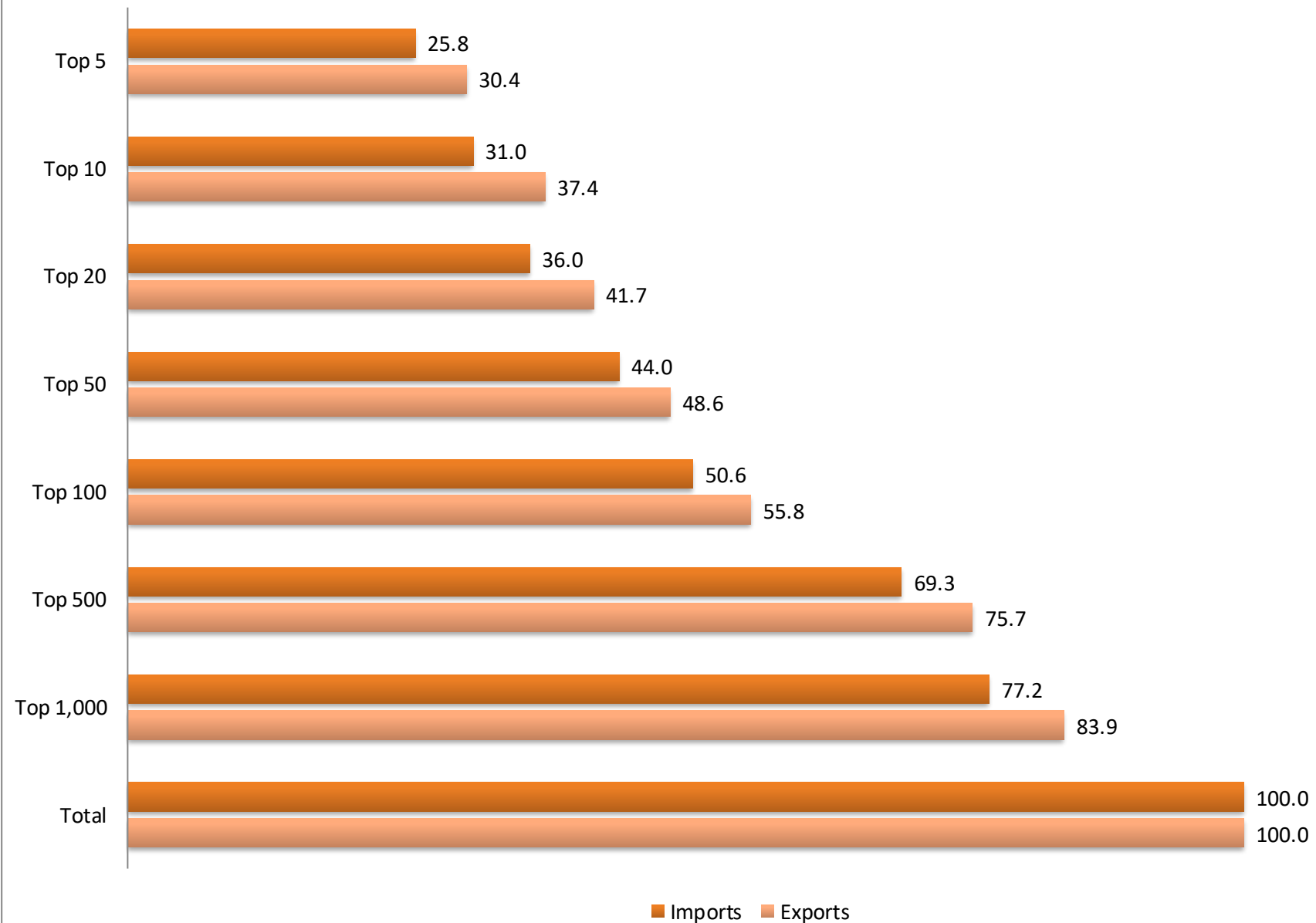
Table 3.2. Exports: Concentration of trade value by section of economic activity, 2021

Distribution of enterprises by value of transactions ⁽¹⁾	Exports							
	Total		Agriculture, forestry and fishing. Construction. Other services (excluding Wholesale and retail trade, etc.)		Manufacturing, Electricity, gas, steam and air conditioning supply, Water supply, sewerage, waste management and remediation activities, Mining and quarrying ⁽²⁾		Wholesale and retail trade, repair of motor vehicles and motorcycles	
	Value in €	Share %	Value in €	Share %	Value in €	Share %	Value in €	Share %
Top 5	11,271,889,116	30.4	376,626,594	18.8	11,271,951,709	41.7	1,572,339,356	19.4
Top 10	13,872,039,512	37.4	627,143,860	31.4	13,159,315,902	48.7	1,972,627,744	24.3
Top 20	15,485,970,393	41.7	848,036,089	42.4	14,444,810,509	53.5	2,423,132,355	29.9
Top 50	18,031,347,118	48.6	1,135,491,946	56.8	16,631,478,818	61.6	3,253,550,595	40.2
Top 100	20,711,970,207	55.8	1,340,803,494	67.1	18,783,344,366	69.6	4,014,220,704	49.5
Top 500	28,080,302,491	75.7	1,772,551,781	88.6	23,928,727,442	88.6	5,997,456,972	74.0
Top 1,000	31,112,554,980	83.9	1,911,507,191	95.6	25,489,010,639	94.4	6,820,044,646	84.2
Total	37,103,319,225	100.0	1,999,682,989	100.0	27,000,931,566	100.0	8,102,704,670	100.0

⁽¹⁾ The distribution of the enterprises is based on the value of their transactions.

⁽²⁾ Enterprises with unknown section of economic activity, are included. They correspond to a small number with low value of transactions.

Graph 3. Imports-Exports: Concentration of trade value (%), 2021



EXPLANATORY NOTES

International Trade in Goods by Enterprise Characteristics	Statistics on International Trade in Goods by Enterprise Characteristics are compiled on a yearly basis and refer to the total value of imports and exports on the basis of the economic activity sector and employment size class of the enterprises. International Trade in Goods Statistics, when combined with data on other characteristics of the enterprises, can provide a more comprehensive view for assessing the economy of a country.
Legal framework	The data on International Trade in Goods by Enterprise Characteristics are compiled pursuant to Regulations (EC) No 638/2004 and (EC) No 471/2009 of the European Parliament and of the Council and Commission Regulations (EC) No 1982/2004 and (EU) No 113/2010.
Reference period	The year 2021
Frequency	Annual
Definitions	<p>International Trade in Goods Statistics: It refers to the compilation of statistics on trade with EU countries (Intra Union Trade) and with Third countries (Extra Union Trade), on a monthly basis.</p> <p>The transactions with EU countries are compiled on the basis of the data submitted to the Intrastat system of ELSTAT by the enterprises which have <u>intra EU trade transactions</u> the value of which is above 150,000 euro for imports and 90,000 euro for exports (statistical threshold for 2021), on a yearly basis. The trade transactions <u>with Third countries</u> are compiled on the basis of data transmitted by the Customs Authorities of the country.</p> <p>Type of trader refers to the type of trade transactions of the enterprise, namely if the enterprise is only an importer, only an exporter or a two-way trader (importer and exporter).</p> <p>Classification by section of economic activity: The classification of the enterprises by sector of economic activity is in compliance with the European statistical classification of economic activities, NACE Rev.2, as laid down in Annex I of Regulation (EC) 1893/2006 of the European Parliament and of the Council. Economic activities are classified into four distinct breakdown levels, namely: 21 Sections (one-digit level, A-U), 88 Divisions (two-digit level), 272 Groups (three-digit level) and 615 Classes (four-digit level).</p> <p>Size class of the enterprise (employment size class): the classification of the enterprises by size class is based on the number of employees of the enterprise, in accordance with the definitions laid down in Regulations (EC) 295/2008 on Structural Business Statistics and (EU) 2152/2019 of the European Parliament and of the Council.</p>
Methodology	<p>International Trade in Goods Statistics by Enterprise Characteristics include the transaction values of the importing and exporting enterprises linked to the Business Register and are part of the total import and export value of International Trade in Goods. Statistics on International Trade in Goods by Enterprise Characteristics are compiled based on data on imports and exports of international trade in goods and data on the characteristics of these enterprises deriving from the Statistical Business Register.</p> <p>Statistics on International Trade in Goods by Enterprise Characteristics (TEC) are compiled using imports and exports data from Intrastat system regarding the trade with the EU countries and imports and exports data regarding the trade with the Third</p>

Countries (Extra-EU Trade), combined with data on enterprises' characteristics from the Statistical Business Register.

The main source for compiling Statistics on International Trade in Goods by Enterprise Characteristics (TEC) is the Statistical Business Register, which from 2019 onwards applies for the statistical unit the concept of "enterprise", as defined in the Annex to Council Regulation (EEC) No 696/93.

In International Trade in Goods context, the traders are considered as legal units (distinct Tax Identification Numbers – TIN). The number of identified traders (legal units) is in most cases, higher than the number of enterprises, given that statistical unit "enterprise" concept is implemented in the Statistical Business Register. However, usually, the number of traders and enterprises coincides as one enterprise involves only one legal unit (trader).

In this framework, Statistics on International Trade in Goods by Enterprise Characteristics are compiled, by combining information from the above-mentioned sources at the level of the enterprise. Subsequently, tables are compiled with aggregate data pertaining to the number of enterprises and the value of international trade transactions by section of economic activity and employment size class of the enterprise.

For the purposes of this statistical work, the data are broken down at one-digit level of NACE Rev. 2, namely at the level of the Section. The data of the Sections have been grouped and presented as follows:

A) "Manufacturing", "Electricity, gas, steam and air conditioning supply", "Water supply, sewerage, waste management and remediation activities", "Mining and quarrying".

B) "Agriculture, forestry and fishing", "Construction" and Other services (excluding Wholesale and retail trade, etc.).

It should be noted that "Other services" include: "Transportation and storage", "Accommodation and food service activities", "Information and communication", "Financial and insurance activities", "Real estate activities", "Professional, scientific and technical activities", "Public administration and defence", "Compulsory social security", "Education", "Human health and social work activities", "Arts, entertainment and recreation", "Other service activities", "Activities of households as employers, undifferentiated goods- and services-producing activities of households for own use", "Activities of extraterritorial organisations and bodies".

C) "Wholesale and retail trade, repair of motor vehicles and motorcycles".

Since the year 2016, on the basis of Eurostat's methodological recommendations to Member States, Statistics on International Trade in Goods by Enterprise Characteristics include enterprises with unknown section of economic activity.

References More information concerning Statistics on International Trade in Goods by Enterprise Characteristics can be found on the portal of ELSTAT at:

<http://www.statistics.gr/en/statistics/itr>