

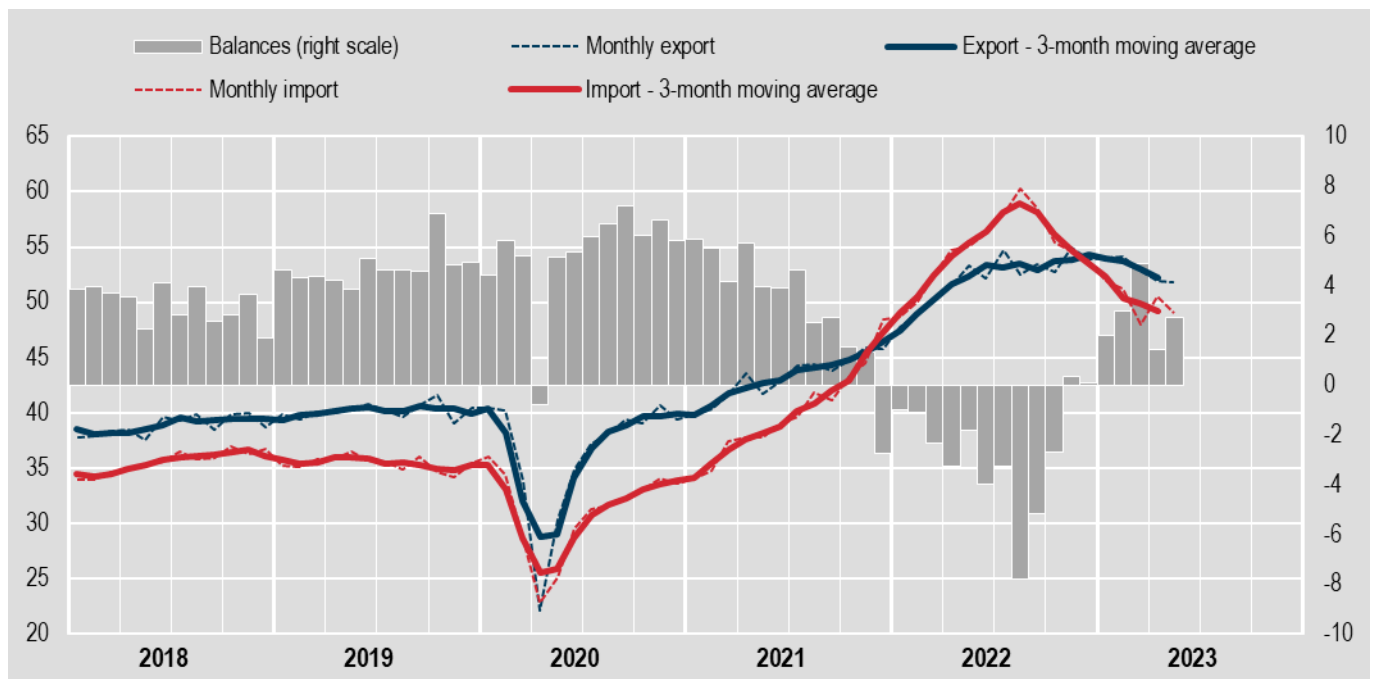
May 2023

## FOREIGN TRADE AND IMPORT PRICES

- In May 2023 seasonally-adjusted data, compared to April 2023, decreased by -0.3% for exports and by -3.0% for imports. Exports decreased by -1.7% for EU countries and increased by +1.2% for non-EU countries. Imports dropped both for EU countries (-1.7%) and for non-EU countries (-4.5%).
- Over the last three months, seasonally-adjusted data, compared to the previous three months, dropped both for exports (-3.3%) and for imports (-5.9%).
- In May 2023, compared with the same month of the previous year, exports increased by +0.9% and imports dropped by -7.6%. Outgoing flows decreased by -1.9% for EU countries and rose by +4.0% for non-EU countries. Incoming flows decreased by -2.1% for EU area and by -13.8% for non-EU area.
- In May 2023, trade balance registered a surplus of +4,711 million Euros (+267 million Euros surplus for EU countries and +4,444 million Euros surplus for non-EU countries). Excluding energy, trade balance surplus reached +9,542 million Euros.
- In May 2023, import prices decrease by 1.5% on monthly basis (-0.8% for the euro zone, -2.1% for the non-euro zone). Over the last three months, compared to the previous three months, import prices decreased by 4.9% (-1.0% for the euro zone, -8.1% for the non-euro zone).
- Import prices, compared to the same month a year ago, decrease by 7.8% in May 2023 (-0.3% for the euro zone and -13.7% for the non-euro zone).

### CHART 1. EXTERNAL TRADE FLOWS

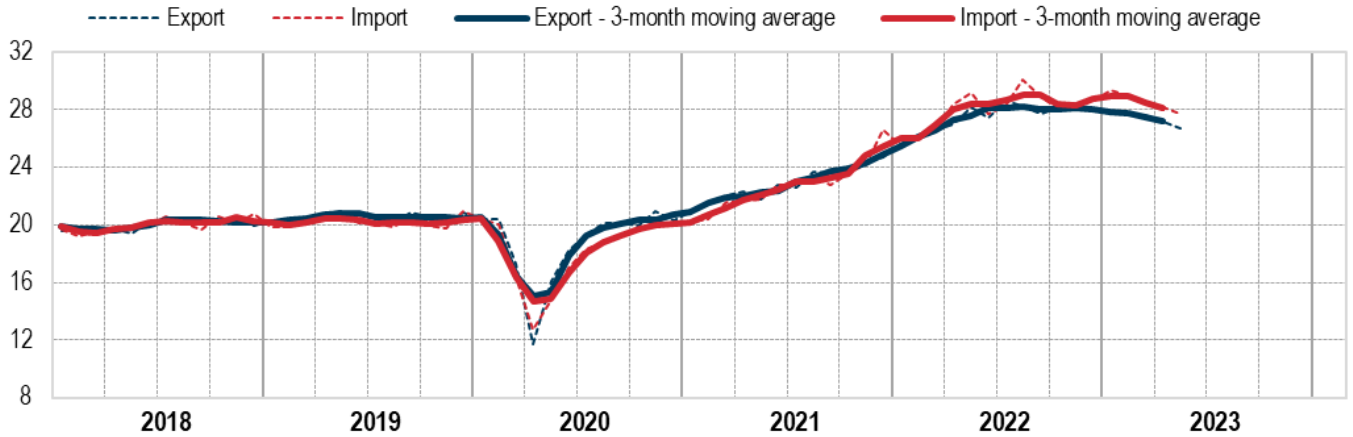
January 2018 – May 2023, monthly data and 3 month moving average, seasonally adjusted data and balance in billions of euros



## Foreign trade

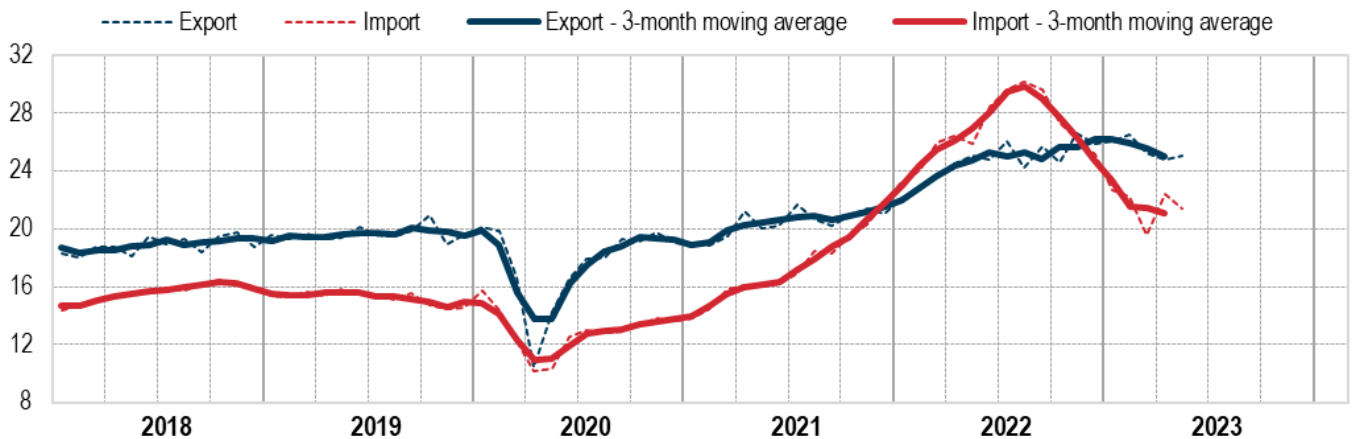
### CHART 2. EXPORTS AND IMPORTS WITH EU27 AREA

January 2018 – May 2023, monthly data and 3 months moving average, seasonally adjusted data in billions of euros



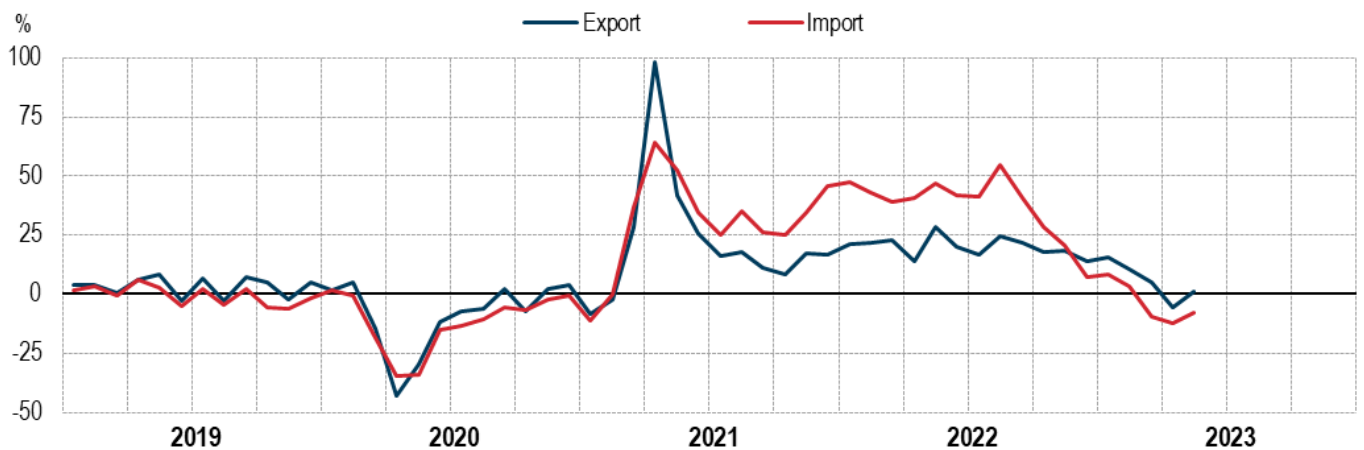
### CHART 3. EXPORTS AND IMPORTS WITH NON-EU27 AREA

January 2018 – May 2023, monthly data and 3 months moving average, seasonally adjusted data in billions of euros



### CHART 4. EXTERNAL TRADE FLOWS, MONTH ON SAME MONTH A YEAR AGO PERCENTAGE CHANGES

January 2019 – May 2023, non-seasonally adjusted data



**TABLE 1. EXPORTS, IMPORTS AND TRADE BALANCE**

May 2023, months on same months a year ago and months on previous months percentage changes, trade balance in millions of euros

	NON SEASONALLY-ADJUSTED				SEASONALLY-ADJUSTED		
	Millions of euros		Months on same months a year ago		Millions of euros	Months on previous months	
	May 2023	Jan.- May 2023	<u>May 23</u> May 22	<u>Jan.-May 23</u> Jan.-May 22	May 2023	<u>May 23</u> Apr. 23	<u>Mar.-May 23</u> Dec. 22.-Feb. 23
<b>TOTAL</b>							
Exports	+57,053	+264,136	+0.9	+4.8	+51,821	-0.3	-3.3
Imports	+52,343	+253,581	-7.6	-4.1	+49,079	-3.0	-5.9
Trade balance	+4,711	+10,555			+2,742		
<b>EU27 COUNTRIES</b>							
Exports	+29,792	+139,598	-1.9	+2.2	+26,739	-1.7	-2.4
Imports	+29,525	+145,794	-2.1	+5.0	+27,707	-1.7	-2.9
Trade balance	+267	-6,196			-968		
<b>NON-EU27 COUNTRIES</b>							
Exports	+27,261	+124,538	+4.0	+7.9	+25,082	+1.2	-4.2
Imports	+22,818	+107,787	-13.8	-14.2	+21,372	-4.5	-9.6
Trade balance	+4,444	+16,751			+3,710		

**TABLE 2. EXPORTS, IMPORTS AND TRADE BALANCE BY MAIN INDUSTRIAL GROUPINGS**

May 2023, shares, months on same months a year ago percentage changes, trade balance in millions of euros

MIGS	EXPORTS			IMPORTS			TRADE BALANCE	
	Share (a)	Months on same months a year ago		Share (a)	Months on same months a year ago		Millions of euros	
		<u>May 23</u> May 22	<u>Jan.-May 23</u> Jan.-May 22		<u>May 23</u> May 22	<u>Jan.-May 23</u> Jan.-May 22	May 2023	Jan.- May 2023
Consumer goods	34.0	+6.0	+8.7	24.9	-3.3	+2.1	+5,232	+23,714
- consumer durables	5.8	-1.4	+0.3	3.0	+9.3	-4.4	+1,410	+6,952
- consumer non-durables	28.2	+7.7	+10.5	21.9	-5.1	+3.1	+3,821	+16,762
Capital goods	29.0	+13.0	+12.3	19.6	+25.3	+15.8	+5,526	+21,295
Intermediate goods	32.4	-8.8	-2.5	34.2	-9.3	-8.2	-1,215	-5,021
Energy	4.6	-39.7	-17.0	21.4	-41.2	-24.7	-4,831	-29,434
Total (except energy)	95.4	+2.8	+5.7	78.6	+0.5	+0.7	+9,542	+39,989
<b>TOTAL</b>	<b>100.0</b>	<b>+0.9</b>	<b>+4.8</b>	<b>100.0</b>	<b>-7.6</b>	<b>-4.1</b>	<b>+4,711</b>	<b>+10,555</b>

(a) Calculated on 2022 total foreign trade.

**TABLE 3. EXPORTS, IMPORTS AND TRADE BALANCE BY COUNTRIES**

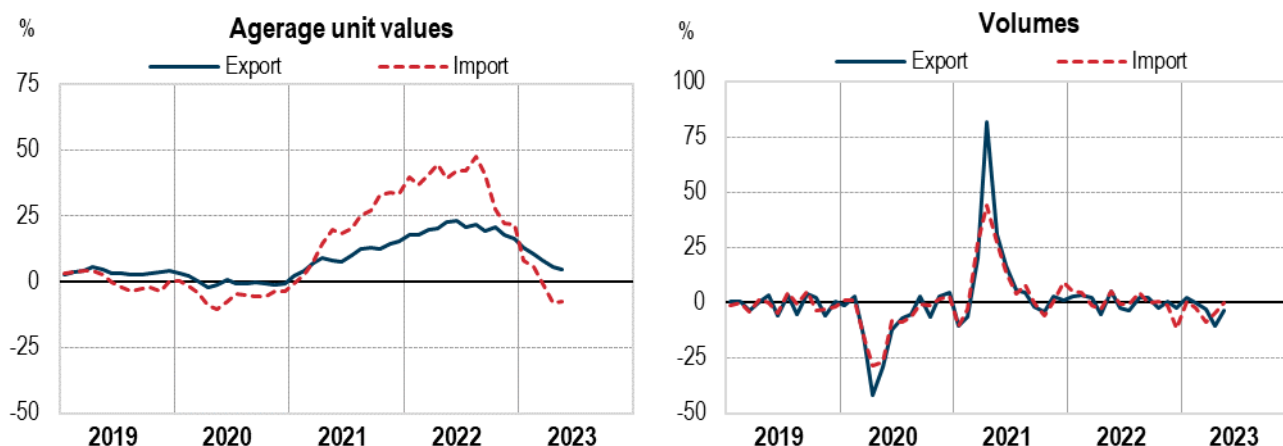
May 2023, shares, months on same months a year ago percentage changes for imports and exports and trade balance in millions of euros

COUNTRIES	EXPORTS			IMPORTS			TRADE BALANCE	
	Share (a)	Months on same months a year ago		Share (a)	Months on same months a year ago		Millions of euros	
		May 23 May 22	Jan.-May 23 Jan.-May 22		May 23 May 22	Jan.-May 23 Jan.-May 22	May 2023	Jan.- May 2023
<b>EU27 COUNTRIES</b>	<b>52.7</b>	<b>-1.9</b>	<b>+2.2</b>	<b>51.0</b>	<b>-2.1</b>	<b>+5.0</b>	<b>+267</b>	<b>-6,196</b>
EMU20:	43.1	-2.0	+2.5	42.8	-4.9	+3.7	-7	-6,670
Austria	2.3	-5.9	+4.3	2.2	-18.0	-8.9	+141	+525
Belgium	3.7	-12.1	-7.1	3.9	-0.2	+4.8	-420	-2,655
France	10.0	-1.8	+5.4	7.4	-4.0	-0.8	+1,787	+7,629
Germany	12.4	-4.2	-0.9	13.9	-13.3	+0.8	-877	-6,408
Netherlands	3.0	-1.9	+5.1	5.6	-3.2	+3.1	-1,522	-7,742
Spain	5.1	+2.8	+6.4	4.7	-2.0	+11.6	+225	-56
Poland	3.1	+4.9	+1.6	2.2	+23.9	+15.3	+417	+1,570
Czech Republic	1.4	-6.0	+3.1	1.4	+11.6	+12.2	-148	-417
Romania	1.6	-1.7	+5.0	1.4	+20.9	+7.4	+37	+149
<b>NON-EU27 COUNTRIES</b>	<b>47.3</b>	<b>+4.0</b>	<b>+7.9</b>	<b>49.0</b>	<b>-13.8</b>	<b>-14.2</b>	<b>+4,444</b>	<b>+16,751</b>
European non-EU countries	14.3	+3.7	+3.5	12.2	-30.5	-33.9	+3,301	+13,369
United Kingdom	4.4	-0.4	-1.5	1.3	-4.2	+6.2	+1,717	+7,560
Russian Federation	0.9	-32.6	-15.6	4.1	-86.5	-82.4	+3	-452
Switzerland	5.0	+9.0	+3.6	2.8	+28.5	+6.4	+980	+5,309
Turkey	2.1	+13.5	+22.4	1.9	+4.6	-10.7	+407	+1,270
North Africa	2.4	-18.4	-0.5	5.5	-7.0	+4.2	-1,314	-6,575
Other African countries	1.0	-3.8	-1.5	1.9	-25.4	+1.0	-226	-1,925
North America	11.4	-5.0	+5.6	4.1	+12.2	+1.6	+3,816	+18,449
United States	10.4	-5.8	+5.3	3.8	+7.7	-1.6	+3,477	+16,807
Central and South America	3.1	-1.7	+4.2	2.2	-5.3	-5.0	+614	+2,663
Middle Eastern countries	3.8	+50.7	+6.0	6.6	-33.6	-20.7	+660	-2,509
Other Asian countries	9.0	+6.3	+18.0	16.1	-2.3	-8.0	-3,501	-12,225
China	2.6	+14.9	+58.1	8.8	-8.3	-14.7	-2,903	-9,846
Japan	1.3	+14.7	-2.5	0.8	+18.7	+10.3	+231	+953
India	0.8	+3.7	+10.4	1.5	+13.2	-2.8	-425	-1,733
Oceania and other territories	2.3	+10.5	+28.0	0.5	+30.5	+28.1	+1,093	+5,504
OPEC	3.1	+28.8	+7.9	7.4	-24.3	-1.9	-838	-7,678
MERCOSUR	1.1	-2.0	+9.7	1.1	-20.2	-4.4	+52	+363
ASEAN	1.5	+13.3	+9.6	2.3	-11.1	-5.7	-323	-1,444
<b>TOTAL</b>	<b>100.0</b>	<b>+0.9</b>	<b>+4.8</b>	<b>100.0</b>	<b>-7.6</b>	<b>-4.1</b>	<b>+4,711</b>	<b>+10,555</b>

(a) Calculated on 2022 total foreign trade.

**CHART 5. AVERAGE UNIT VALUES AND VOLUMES FOR EXPORTS AND IMPORTS**

January 2019 – May 2023, month on same month a year ago percentage changes (index, 2015=100)



**TABLE 4. UNIT VALUES AND VOLUME INDICES FOR EU27 COUNTRIES, NON-EU27 COUNTRIES AND TOTAL**

May 2023, indices and months on same months a year ago percentage changes (index, 2015=100)

	INDICES		MONTHS ON SAME MONTHS A YEAR AGO			
	Unit value indices	Volume indices	Unit value indices		Volume indices	
	May 2023	May 2023	May 23 May 22	Jan.-May 23 Jan.-May 22	May 23 May 22	Jan.-May 23 Jan.-May 22
<b>TOTAL</b>						
Exports	154.6	107.4	+4.6	+8.3	-3.6	-3.2
Imports	151.1	112.2	-7.7	-0.8	+0.1	-3.3
<b>EU27 COUNTRIES</b>						
Exports	153.2	114.6	+2.7	+6.3	-4.5	-3.9
Imports	151.6	113.2	+0.9	+5.1	-3.0	-0.1
<b>NON-EU27 COUNTRIES</b>						
Exports	156.3	100.3	+6.8	+10.6	-2.6	-2.5
Imports	150.5	111.0	-16.0	-6.8	+2.7	-8.0

## Import prices

**TABLE 5. IMPORT PRICES INDEX FOR TOTAL, EURO AND NON-EURO ZONE**

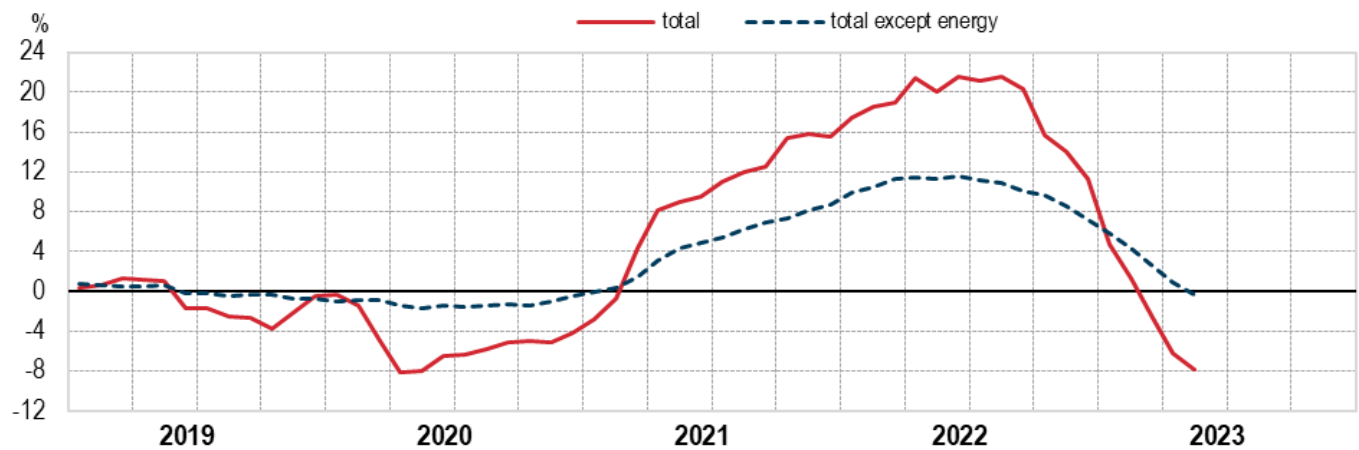
May 2023 (a), months on same months a year ago and months on previous months percentage changes (index, 2015=100)

	Index (2015=100)	Months on previous months		Months on same months a year ago	
	May 2023	May 23 Apr. 23	Mar.-May 23 Dec. 22.-Feb. 23	May 23 May 22	Jan.-May 23 Jan.-May 22
<b>TOTAL INDEX</b>	<b>114.2</b>	<b>-1.5</b>	<b>-4.9</b>	<b>-7.8</b>	<b>-2.2</b>
Euro zone	117.4	-0.8	-1.0	-0.3	+3.1
Non-euro zone	111.7	-2.1	-8.1	-13.7	-6.6

(a) Data are provisional and subject to revisions

**CHART 6. IMPORT PRICES**

January 2019 – May 2023, month on same month a year ago percentage changes (index, 2015=100)



**TABLE 6. EXPORTS AND IMPORTS OF GOODS IN VALUE**

May 2023, revisions of percentage changes, differences in percentage points

	World		EU27 Countries		Non-EU27 Countries	
	Year-on-year change	Month-on-month change	Year-on-year change	Month-on-month change	Year-on-year change	Month-on-month change
<b>May 2023</b>						
Export	-	-	-	-	-0.1	0.0
Import	-	-	-	-	0.0	+0.1
<b>April 2023</b>						
Export	+0.1	0.0	0.0	0.0	-	0.0
Import	-0.1	0.0	-0.1	-0.2	-	+0.2

**TABLE 7. IMPORT PRICES**

April 2023, revisions of percentage changes, differences in percentage points (index, 2015=100)

Total		Euro zone		Non Euro zone	
Year-on-year change	Month-on-month change	Year-on-year change	Month-on-month change	Year-on-year change	Month-on-month change
0.0	0.0	0.0	0.0	0.0	0.0

## Introduction

This document provides legislative references and methodological notes relating to statistics on the international trade in goods and import prices. Background information is listed below in Table A.

**TABLE A. STATISTICS ON INTERNATIONAL TRADE IN GOODS AND IMPORT PRICES: MAIN CHARACTERISTICS**

	STATISTICS	
	International trade in goods	Import prices
<b>Data sources</b>	1) Customs data and data collected through the Intrastat system 2) Statistical processing foreign trade in goods data 3) Estimates for trade in specific goods or movements are obtained by integrating different data sources	Direct survey
<b>Coverage</b>	All traded products (see glossary), excluding monetary gold, customized software, means of payment which are legal tender and securities, goods for and after repair. No restrictions are applied with respect to the main economic activity of traders.	1) Products listed in sections B, C and D of the CPA classification (derived from NACE Rev.2); 2) Enterprises characterized by main economic activity in sections B, C, D, E and G of the Ateco2007 classification (derived from NACE Rev.2).
<b>Dissemination frequency and geographical breakdown</b>	Monthly frequency of data at national level	Monthly frequency of data at national level
<b>Reference period</b>	Month and period which information collected refers to	Month and period which information collected refers to
<b>Main indicators</b>	1) Collected or estimated monetary statistical values (Cif, Fob) in current prices 2) Chain-linked unit values and volumes Fisher Indices	Chain-linked Laspeyres Index

## International trade in goods

Statistics on international trade in goods are based on two data collection systems that measure respectively trade in goods between Italy and the EU Member States (Intrastat) and between Italy and third countries (Extrastat).

### Legal framework

Statistics related to trade in goods between Member States (intra-EU trade) and between Italy and third Countries (extra-EU trade) are based on EU legislation: Regulation (EU) 2019/2152 of the European Parliament and of the Council on European business statistics; Commission Implementing Regulation (EU) 2020/1197 laying down technical specifications and arrangements pursuant to Regulation (EU) 2019/2152; Commission Delegated Regulation (EU) 2021/1704 supplementing Regulation (EU) 2019/2152 by further specifying the details for the statistical information to be provided by tax and customs authorities and amending its Annexes V and VI; Commission Implementing Regulation (EU) 2021/1225 specifying the arrangements for the data exchanges pursuant to Regulation (EU) 2019/2152 and amending Commission Implementing Regulation (EU) 2020/1197, as regards the Member State of extra-Union export and the obligations of reporting units.

For statistics related to trade in goods between Member States (intra-EU trade), EU Regulations are transposed into national legislation: Legislative Decree No. 18/2010 (Gazzetta ufficiale della Repubblica Italiana No. 41 of 19-2-2010), Decree of the Minister of the Economy and Finance of 22/2/2010 (Gazzetta ufficiale della Repubblica Italiana No. 53 of 5-3-2010) and the Legislative Act of the Customs Agency of 22/2/2010, the Provision of the Director of the Italian Revenue Agency of 25/09/2017 and the Legislative Act of the Customs Agency n. 493869 of 23/12/2021.

For statistics related to trade in goods between Italy and third Countries (extra-EU trade), EU Regulations are transposed into national legislation by specific provisions issued by the Customs Agency.



## Sources and data collection

Concerning Intra-EU trade statistics, information is gathered by Intrastat declarations both for arrivals and for dispatches of goods and for import and export of services. The reference universe consists of all businesses identified on the basis of the VAT number, which appear to have carried out at least one commercial transaction with the EU countries during the reference period. Under the law February 27, 2017 n. 19 and the Legislative Act of the Customs Agency n. 493869 of December 23, 2021, starting from 1 January 2022, the statistical thresholds that determine the mandatory response to the monthly Intrastat survey are defined as follows:

- a) dispatches of goods, operators who have traded, at least in one of the four previous quarters, a total quarterly amount exceeding 100,000 Euros (same threshold in force from 1 January 2018).
- b) arrivals of goods, operators who have traded, at least in one of the four previous quarters, a total quarterly amount exceeding 350,000 Euros (from January 2018 to December 2021, threshold was equal to 200,000 Euros).

The monthly and quarterly declarations are collected electronically by the Italian Customs Agency.

Starting from January 2022, the thresholds are set in order to meet the minimum Intra-EU trade coverage required by EU Regulation (97% for dispatches and 91% for arrivals), achieving a significant reduction in burden for economic operators<sup>1</sup>.

In order to produce an accurate and timely estimate referred to the universe of Intra-EU operators, a register-based approach for estimating the share of trade flows associated to exempted operators by product and partner country is adopted, considering both national and territorial domains. During the annual revision of data in November, latest fiscal and register-based information available will be included in the estimation procedure to further improve the quality and coverage of the estimates.

Statistics on trade in goods with non-EU countries are based on monthly fiscal-administrative information (Single Administrative Document - SAD) consistent with statistical definitions and classifications.

Since 2000, in compliance with the EU legislation, import and export with non-EU countries below the exclusion thresholds (commercial transactions value less than 1,000 Euros, starting from 2010) are monthly included as aggregated data.

Starting from January 2022, in compliance with the Commission Implementing Regulation (EU) 2020/1197, for consignments whose value is less than 1,000 Euros, the reporting units may report the statistical information on the commodity without breakdown.

Since September 2011, a new approach for the compilation of external trade statistics on natural gas in gaseous state and electricity has been implemented. Data on physical quantities are monthly collected from reliable sources, while for the other variables required by EU regulations (total trade in values and breakdown of volumes and values by partner countries) new estimation procedures have been developed.

## Classifications system

The main classifications used in foreign trade statistics are based on the elementary information concerning the type of goods, the statistical partner country and the province of origin or destination of the goods.

In compliance with the EU Regulations, Intra-EU trade in goods are classified according to country of consignment for arrivals and country of destination for dispatches, while trade of goods with non EU countries are classified by country of origin for imports and country of destination for exports.

Geographical and the geo-economic areas are defined according to the Nomenclature of countries and territories for the external trade statistics of the Community and statistics of trade between Member States, known as Geonomenclature.

The Combined Nomenclature (CN) is the primary nomenclature for traded goods used by the EU Member States, defined by the European Union and annually updated.

Since January 2009, products aggregations are defined according to the classification of the economic activities Ateco 2007, adapted to foreign trade (CPA). Ateco 2007 is the national version of the European nomenclature NACE rev.2 published in the Official Journal on 2 December 2006 (Regulation (EC) No. 1893/2006 of the European Parliament and of the Council of 20/12/2006). Ateco 2007 corresponds to Nace rev.2 up to the fourth digit. Data are released according to an intermediate disaggregation of the sections.

---

<sup>1</sup> As consequence of the exemption threshold raising, the number of economic operators required to submit the monthly Intrastat declaration for arrivals is reduced from 18,000 in 2021 to 14,000 in 2022.

In 2003, Istat adopted the classification for economic destination “Main Industrial Groupings (MIGS)”, defined by Commission Regulation n. 586/2001 (Official Journal of the European Communities of 27/03/2001), amended by Regulation (EC) no. 656/2007 of 14/06/2007 following the entry into force of Nace Rev. 2.

The Main Industrial Groupings (MIGS) are:

- Consumer durables;
- Consumer non-durables;
- Capital goods;
- Intermediate goods;
- Energy.

As for Ateco 2007<sup>2</sup>, the MIGS classification has been adapted to the statistics on foreign trade.

## Data processing

Both raw and seasonally adjusted trade values are published. TRAMO-SEATS procedure for Linux (February 2010 version) provides seasonally adjusted data.

Starting from 2012, some substantial process and product innovations have been introduced in the seasonal adjustment procedures, aimed at improving the accuracy of the estimates and at providing users with a wider detail of statistical indicators at main industrial groupings level for the short-term analysis of foreign trade.

Seasonally adjusted data are monthly revised. The models are annually reviewed in November, with the final revision of raw data. The TRAMO-SEATS procedure's specifications used by Istat are available to users under request.

## Output

Data monthly released include monetary values, indices and year-on-year and month-on-month variations of international trade in goods. Collected or estimated monetary statistical values (Cif, Fob) in current prices are reported.

Unit values and volumes indices of foreign trade in goods are disseminated at Ateco 2007 product groups classification, main industrial groupings (MIGS) product aggregation and geographical/geo-economic areas. Monthly unit values indices are obtained using Fisher Index where the base year is the previous year (annually chain-linking index). The annual update of the weighting system makes it possible to closely follow changes in the composition of the traded products mix. However, in order to make chain-linking indexes comparable over long-time period, time series are expressed according to a fixed reference year, updated every 5 years in line with the international indications for short-term statistics. Since January 2018, the reference year is 2015. Indexes for product groups are calculated aggregating elementary index at product level (Combined Nomenclature); identification and treatment of measurement errors are applied (Istat, "Information note" of 25/02/2008). Both unit values and value indices are directly calculated, while volume indices are obtained by deflation in order to ensure the coherence between the three indices. The dissemination plan foresees the release of unit values and volumes indices. Annual and quarterly unit value indices are calculated as averages of monthly indices, including only monthly reported data; on the contrary, in volume indexes calculation all the transactions are included, in order to allow a more precise decomposition of values changes in term of volumes and unit values changes.

## Confidentiality

Starting from 2000, Istat has defined new procedures for processing and dissemination of confidential data related to foreign trade in goods statistics, according to the current national regulatory framework (Law No. 675/96, Legislative Decrees N. 322/89, 281/99 and 196/03).

In particular, the new procedures bring to a significant reduction of the risk of indirect and accidental identification of confidential data, limiting, at the same time, the loss of information available for external users.

In addition to the protection of confidential information according to the principle of passive confidentiality, Istat provides a specific dissemination plan for international trade of goods at national and territorial level, designed in such a way to reduce the risk of indirect identification of confidential trade. Further information on the protection of privacy is available at the following link <https://www.coeweb.istat.it/>.

<sup>2</sup>Time series of the import and export of goods by MIGS classification have been recalculated, and therefore, may differ from those previously published.

## Covid-19 crisis and Intrastat survey

Since June 2020, Intrastat survey has not recorded any issues. In fact, with the expiry, on 30 June, of the period of suspension of the data transmission deadlines envisaged by the Law Decree 17 March 2020, No 18 ("Cura Italia" Decree), the number of submitted Intrastat declarations has been back in line with that recorded in the months preceding the first phase of Covid-19 crisis.

In order to manage the discontinuities produced by the Covid-19 crisis on time series, a revision of the seasonal adjustment models was carried out, following Eurostat guidelines available in the web page [Covid-19: Support for statisticians](#). From March 2020 onwards, the extraordinary dynamics in exports and imports were taken into account by adding additional regressors in the seasonal adjustment models, where statistically significant. With the release of October 2022 data, the revision of the seasonal adjustment models was carried out.

## The new Intrastat survey from January 2022

With the Legislative Act of the Customs Agency n. 493869 of December 23, 2021, starting from 1 January 2022, important innovations in the Intrastat system have been introduced in compliance with EU Regulations 2019/2152 and 2020/1197 and with a view to simplifying and reducing the statistical burden on Intrastat reporters.

The EU Regulation 2019/2152 introduces the obligation to exchange micro-data on intra-EU exports between Member States from January 2022. Exchange micro-data between Member States represents an innovative statistical approach - based on the principle that data should not be collected more than once ("once only"). It allows Member States to use those mirror data for the compiling of their own intra-EU imports statistics and it could reduce the administrative burden on Intrastat reporters on the imports side while maintaining data quality.

In order to implement the micro-data exchange approach, starting from January 2022 data, an additional variable in Intrastat declarations for dispatches was requested ("Country of origin", EU Regulation 2020/1197, Section 12, paragraph 3). Moreover, the 2-digit coding has been adopted for the variable "Nature of the transaction".

At the same time many simplifications were introduced, among them the increase of the statistical threshold that determines the obligatory monthly compilation of Intrastat declarations for arrivals (from 200,000 to 350,000 Euros).

Finally, for tax purposes, a new section for dispatches under the so-called "call-off stock" (Legislative Decree no. 192 of 5 November 2021) were introduced in the Intrastat declarations.

## Industrial import prices

### Introduction and legal framework

Industrial import prices indices measure the monthly change of import prices of a representative basket of main goods imported by industrial and commercial companies.

The legal basis for the STS indicators are the Regulation (EU) 2019/2152 of the European Parliament and of the Council on European business statistics, repealing 10 legal acts in the field of business statistics (EBS-Regulation) and the Commission Implementing Regulation 2020/1197 laying down technical specifications and arrangements pursuant to Regulation (EU) 2019/2152 (General Implementing Act).

The statistics on import prices are based on the monthly *Survey of import prices*, included in the National Statistical Programme.

This sample survey approximately counts more than 1,200 products linked to a list of about 3,600 companies providing about 9,900 monthly price quotations.

### Observation field, analysis and survey unit

The observation field of the import survey concerns:

- a) products included in sections B, C and D of the CPA classification;
- b) enterprises whose main economic activity is in sections B, C, D, E and G of the 2007 Ateco classification.

The product above mentioned is the analysis unit (raw material, semi-processed and finished product) acquired on the foreign market and used in the production process (industrial enterprise) or sold in the national territory or abroad (trade company).

The survey unit – company or enterprise - must be located in the national territory; in the case of an industrial company, the location refers to the industrial plant: the company acquired raw materials, semi-processed and

finished products on the foreign market reusing them in its own production process. Trade company acquires raw materials, semi-processed and finished products on the foreign market for reselling them on the national and foreign market.

The underlying trade system is the special trade system so normal imports as well as imports for inward processing and after outward processing, when the reporting unit acquires the ownership of goods, are included. The following limitations apply for the scope of import prices:

- a) imports carried out from families, public administrations and non-profit institutions are excluded;
- b) imports for repair are not covered;
- c) all products related services are excluded.

## Sample design

The monthly sample survey of import prices is carried out by collecting data from industrial and commercial enterprises. A list of enterprises is linked to the basket of products. Each reporting units (enterprise) provides a set of import prices corresponding to its own production/trade.

The basket of products is a representative sample of the main goods imported by industrial and commercial enterprises. Products are selected from the international trade statistics (annual value of imports at a merchandise level, coded according to the Combined Nomenclature).

The products/enterprises association is carried out by crossing international trade data (Tax register, economic operator/VAT ID number) and those of the Business register (where the enterprises main economic activity is identified). Through this link the analysis units (imported products) are connected to the survey units (import enterprises).

At present time, the basket of products is made up (Table B) of 1,227 items and 9,884 price quotations monthly surveyed. In particular, focusing data per area, Euro and non-Euro areas respectively count 953 and 788 products; 5,355 and 4,529 price quotations. Regarding to the survey units (enterprises) the total number of units is equal to 3,563; 2,156 in the Euro area and 2,013 in the non-Euro area.

**TABLE B. IMPORT PRICES. SIZE OF THE PRODUCT SAMPLE, PRICES AND ENTERPRISES**

December 2022 calculation base

	Total	Euro area	Non-Euro area
Products	1,227	953	788
Enterprises	3,563	2,156	2,013
Prices	9,884	5,355	4,529

**TABLE C. IMPORT PRICES, EURO AND NON-EURO AREAS. SIZE OF THE PRODUCT SAMPLE, PRICES AND ENTERPRISES BY MAIN INDUSTRIAL GROUPINGS**

December 2022 calculation base

Main Industrial Groupings	Euro area			Non-Euro area		
	Products	Enterprises	Prices	Products	Enterprises	Prices
Consumer goods	255	592	1,478	200	538	1,226
<i>consumer durables</i>	51	116	293	41	110	268
<i>consumer non-durables</i>	204	481	1,185	159	435	958
Capital goods	180	466	1,187	154	424	999
Intermediate goods	509	1,256	2,664	424	1,141	2,274
Energy	9	22	26	10	28	30
<b>Total</b>	<b>953</b>	<b>2,156</b>	<b>5,355</b>	<b>788</b>	<b>2,013</b>	<b>4,529</b>

(a) The total enterprises by main industrial groupings is greater than the total sample because some enterprises provide price quotations for products classified in different groupings.

## Data collection and quality control

Import prices are monthly collected by a web questionnaire available in the Statistical Portal of Istat. The electronic questionnaire provides a grid of checks that reduce filling in errors carried out by the respondent. Further, once filled in, data are immediately stored in the survey database. To be timeliness compliance according to the European Regulations, data must be transmitted by respondents within a time window whose lower and upper times are respectively the first and approximately the fourteenth day after the end of the reference month. Reminders and follow up operations are planned for reducing non-responses so to ensure high coverage levels both for provisional and final data.

The questionnaire associates to each reporting units (enterprises) its own product (the link between product and respondent – as seen above – is done by Istat). The respondent, consistently with the assigned product, identifies the most representative items that are monthly and regularly purchased over time.

Import prices: i) point out purchase prices referring to items chosen by the respondent; ii) concern goods sold by a non-resident operator to an industrial/trade enterprise resident in Italy; iii) are market prices, that is, true selling prices; iv) are surveyed in Euro according to the CIF clause (cost, insurance and freight) at the national border; v) tare net of VAT and of any other cost borne by the buyer.

Data correction processes are currently undertaken to ensure good quality standard. Missing data, anomalous values, lack of consistency between item price and product are all data controls monthly carried out. Follow up operations are also planned. Missing data even after final index compilation are estimated by putting forward the last price transmitted and checked.

Data monthly collected are compiled in terms of index numbers, disseminated as aggregate information to ensure confidentiality.

Since January 2022, a new approach for the compilation of import price indices of crude oil, natural gas in gaseous state and electricity has been implemented. The new approach is based on monthly information from foreign trade data.

## Index compilation

The import price index expresses the dynamic of the prices of a representative basket of the main industrial products imported by industrial and commercial companies. The import price index measures changes of prices for industrial products bought (in the Euro zone and the non-Euro zone) by industrial and commercial enterprises resident in Italy.

Since January 2022, import price indices are compiled according to the methodology of the annual chain-linking on a monthly basis. For 2023, the calculation base period is December 2022; the reference base period is the year 2015.

The system of import price indices is made up of two surveyed variables – referring to Euro area and non-Euro area – and by a summary variable – total (Euro and non-Euro areas). The variables are calculated as base period indices and successively released as reference base indices.

The compilation process is made up of three steps. The first step deals with the definition of price relatives (quotients of current prices – numerator – and base prices, denominator, December 2022). In the second step, prices relatives associated with each product are aggregated by simple geometric average to provide product indices. In the third step, the product indices are aggregated by weighted arithmetic averages (chain-linked Laspeyres type formula) to provide the whole set of sub-aggregate indices and the overall one.

## Weighting structure

The index weighting system is derived from the international trade statistics. There are two weighting systems depending upon the Euro and the non-Euro area. Total indices are defined by weighted arithmetic means of Euro and non-Euro indices. The variable used to set up weights is the annual value of imports of goods in 2020. For both areas, values concern goods according to the Combined nomenclature (eight-digit level). These data are reported to the Prodcom nomenclature by the corresponding tables available in the Eurostat website.

## Confidentiality

Data on import prices are disseminated ensuring confidentiality rules aimed to protect individual data. Statistical confidentiality is detailed in the Art. 9 of Legislative Decree n° 322/89; the regulation regarding the protection and processing of personal data is contained in the Legislative Decree n° 196 of 30 June 2003.



## Foreign trade and import prices: data issue

### Timeliness of release and revision of data

Data are published 45 days after the reference month. The release calendar is defined annually, and published on the Institute website: <https://www.istat.it/en/information-and-services/journalists/release-calendar>

At the first publication, foreign trade data are provisional and undergo a first revision in the following month in order to integrate additional information which become available after their first dissemination; final data will be definitively consolidated in the month of November of the following year.

The final data on import prices are instead released after 75 days. The dates of dissemination comply with the conditions required by Eurostat.

For more information on revisions to short-term indicators, see the [specific section](#), relating to the revision policies of the foreign trade indicators and import prices.

### Dissemination channels

- Data are disseminated through the monthly press release - the Flash Statistics "[Foreign Trade and Import Prices](#)" - released on the Istat website.

The updated time series are attached to the press release.

Data on the import prices are published in the Institute data warehouse (I.stat) within the *Prices* theme-[Import prices](#). They are also published on [IstatData](#), the new Istat's data dissemination platform that will gradually replace the I.Stat data access system. Until the data transfer is completed, the two systems will coexist.

Further foreign trade press releases:

- [Foreign trade with non EU countries](#)
- [Exports of Italian regions](#)

Data are transmitted to Eurostat on a monthly basis and available at <http://ec.europa.eu/eurostat/data/database> (Theme *Industry, trade and services*, topic *Short-term business statistics (sts)/Industry (sts\_ind)*).

International trade data are available on Coeweb<sup>3</sup> in the month following the press release. The datawarehouse provides, on a monthly basis, detailed information on the trade of goods between Italy and the rest of the world and time series since 1991.

### Insights (only Italian version available)

- Methodology adopted for foreign trade indices calculation [Nota Informativa 25/02/2008](#)
- Statistical production system for international trade in natural gas and electric energy [Nota informativa 15/11/2011](#)
- The start of import prices survey [Nota Informativa 24/02/2014](#)
- The reconstruction of the time series on import prices for the period of January 2005 - December 2009 [Nota Informativa 16/10/2015](#)
- New reference year, 2015=100, in import price indices [Nota informativa 17/05/2018](#)
- Fixed base chain-linking changeover, in import price indices [Nota informativa 20/04/2022](#)
- December 2022 calculation base, in import price indices [Nota informativa 18/04/2023](#)

<sup>3</sup> Data warehouse devoted to foreign trade statistics

## For technical and methodological information

---

### Foreign trade

**Maria Serena Causo**

tel. +39 06 4673.6651

[causo@istat.it](mailto:causo@istat.it)

**Cristina Lanzi**

tel. +39 06 4673.6688

[crlanzi@istat.it](mailto:crlanzi@istat.it)

### Import prices

**Emanuela Valci**

tel. +39 06 4673.6206

[valci@istat.it](mailto:valci@istat.it)

**Lorenzo D'Orazio**

tel. +39 06 4673.6281

[lodorazi@istat.it](mailto:lodorazi@istat.it)