



July 4th, 2023
Industrial Production Statistics
2022

INDUSTRIAL PRODUCTION INCREASED BY 21.0%, IN NOMINAL TERMS, REFLECTING THE SIGNIFICANT INCREASE IN PRICES

According to the provisional results of the Annual Survey on Industrial Production (IAPI), in 2022, the total sales of products and services in the Manufacturing industries (Divisions 10 to 33, 35 and 38 of CAE Rev.3) increased by 21.0%, in nominal terms, totalling EUR 117.2 billion (+15.0% and EUR 96.8 billion in 2021). Compared to 2019, there was an increase of 24.5%.

A significant part of this variation is justified by the effect of price increases, given that the industrial production price index (IPPI) recorded a year-on-year increase of 20.5% in 2022.

The major contributions to the evolution of the total sales of products and services were identified in the activities of Manufacture of coke, refined petroleum products and fuels briquettes (Division 19), with +5.5 p.p., followed by Manufacture of food products (Division 10), with +3.1 p.p., and Manufacture of paper and paper products (Division 17), with +1.8 percentage points. According to the IPPI, these divisions are among those that recorded the highest price changes in industrial production in 2022 compared to 2021, highlighting the increase of 26.4% in Division 10.

The Division 10 - Manufacture of food products remained the division with the highest relative weight in the total sales of products and industrial services (13.2%), recording an increase of 23.8% over 2021 (+29.3% compared to 2019). It was followed by Division 19 - Manufacture of coke, refined petroleum products and fuels briquettes (weight of 10.3%; +79.3% compared to 2021) and Division 29 - Manufacture of motor vehicles (weight of 9.1%; +12.9% compared to 2021).

Among the products with the highest sales value stood out the Gas oils, the Motor spirit (gasoline) and Other parts and accessories, n.e.c., for vehicles.



According to the provisional results of the Annual Survey on Industrial Production (IAPI), the total sales of products and services in the Manufacturing industries was EUR 117.2 billion in 2022, representing an increase of 21.0%, in nominal terms, compared to the previous year (+15.0% in 2021). Compared to 2019, there was an increase of 24.5%.

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Table 1. Sales of products and industrial services

Year	Sales of products and industrial services	
	EUR 10 ³	Y-on-Y rate of change (%)
2017	85 617 070	9.3
2018	91 666 176	7.1
2019	94 107 101	2.7
2020	84 153 685	-10.6
2021	96 792 495	15.0
2022 Po	117 156 497	21.0

Source: Statistics Portugal, IAPI

Sales of products and industrial services by activity (Division)

The Division 10 - Manufacture of food products remained the division with the highest relative weight in the total of sales of products and industrial services (13.2% of total manufacturing industries; 12.9% in 2021), having increased by 23.8% over the previous year (+5.1% in 2021), totalling EUR 15.4 billion. Compared to 2019, there was an increase of 29.3%.

The Division 19 - Manufacture of coke, refined petroleum products (...) increased by 79.3% (+16.6% in 2021) and now holds the second largest share in total of sales of products and industrial services (10.3%), rising two positions compared to 2021. Compared to 2019, there was an increase of 44.7%.

The Division 29 - Manufacture of motor vehicles (...) recorded an increase of 12.9% in 2022, totalling EUR 10.6 billion, recording the third highest weight in total of sales of products and industrial services (9.1%), descending one position compared to 2021. Despite this increase, the total of sales of products and industrial services of this division represented only 91.1% of the value recorded in 2019.



Table 2. Sales of products and industrial services by activity (Division)

CAE Rev.3		Total sales of products and industrial services				Of which:			
CAE Rev.3	Description	2022 Po	Weight	Y-on-Y	Rank	Sales of products		Industrial services	
		EUR 10 ³	%	%		2022 Po	Y-on-Y	2022 Po	Y-on-Y
						EUR 10 ³	%	EUR 10 ³	%
Total of industry		117 156 497	//	21.0	//	113 189 182	21.3	3 967 315	12.8
10	Manufacture of food products	15 425 139	13.2	23.8	1 ^º	15 229 959	24.0	195 179	14.0
19	Manufacture of coke, refined petroleum products and fuels briquettes	12 109 660	10.3	79.3	2 ^º	12 109 660	79.3	-	-
29	Manufacture of motor vehicles, trailers, semi-trailers and parts and accessories for motor vehicles	10 628 214	9.1	12.9	3 ^º	10 566 581	13.1	61 633	-3.5
25	Manufacture of fabricated metal products, except machinery and equipment	7 622 943	6.5	12.6	4 ^º	6 687 980	11.9	934 963	17.6
20	Manufacture of chemicals, chemical products and man-made fibres, except pharmaceutical products	6 217 974	5.3	13.1	5 ^º	6 040 627	12.3	177 347	46.8
17	Manufacture of paper and paper products	5 982 434	5.1	40.3	6 ^º	5 871 572	41.2	110 862	4.5
22	Manufacture of rubber and plastic products	5 668 924	4.8	14.9	7 ^º	5 634 845	15.1	34 079	-9.2
35	Electricity, gas, steam, cold and hot water and cold air	5 499 492	4.7	22.2	8 ^º	5 455 006	23.1	44 486	-34.5
23	Manufacture of other non-metallic mineral products	5 226 605	4.5	18.1	9 ^º	5 037 617	18.2	188 988	17.2
24	Manufacture of basic metals	4 838 163	4.1	17.4	10 ^º	4 820 794	17.5	17 369	6.3
28	Manufacture of machinery and equipment n.e.c.	3 803 168	3.2	9.8	11 ^º	3 564 286	9.8	238 882	10.7
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	3 770 073	3.2	11.5	12 ^º	3 658 407	11.2	111 666	20.5
13	Manufacture of textiles	3 708 701	3.2	7.6	13 ^º	3 432 391	8.1	276 310	2.7
26	Manufacture of computer, communication equipment, electronic and optical products	3 572 444	3.0	30.2	14 ^º	3 445 356	30.2	127 088	30.3
11	Manufacture of beverages	3 525 074	3.0	12.6	15 ^º	3 481 859	12.4	43 215	25.3
14	Manufacture of wearing apparel	3 504 411	3.0	9.8	16 ^º	3 199 847	8.2	304 565	28.5
27	Manufacture of electrical equipment	2 831 816	2.4	17.0	17 ^º	2 814 632	16.8	17 184	49.0
15	Manufacture of leather and related products	2 466 862	2.1	12.8	18 ^º	2 396 003	14.7	70 859	-28.2
33	Repair, maintenance and installation of machinery and equipment	2 258 413	1.9	15.1	19 ^º	1 873 022	22.4	385 391	-10.7
31	Manufacture of furniture	2 142 572	1.8	10.8	20 ^º	2 076 660	10.8	65 912	11.4
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	1 427 722	1.2	10.1	21 ^º	1 149 035	7.2	278 687	24.0
38	Waste collection, treatment and disposal activities; materials recovery	1 194 565	1.0	3.4	22 ^º	1 153 950	1.9	40 615	77.6
30	Manufacture of other transport equipment	1 147 772	1.0	27.1	23 ^º	1 085 494	25.2	62 278	74.1
32	Other manufacturing activities	950 671	0.8	3.8	24 ^º	922 082	3.5	28 589	17.2
18	Printing and reproduction of recorded media	850 680	0.7	16.9	25 ^º	781 404	14.2	69 276	60.3
12	Manufacture of tobacco products	782 004	0.7	-1.4	26 ^º	700 114	-2.3	81 891	6.5

Note: The division 35 – Electricity, gas, steam, cold and hot water and cold air - does not include the activities CAE-Rev.3: 35120, 35130, 35140, 35210, 35220 e 35230. The division 38 – Waste collection, treatment and disposal activities; materials recovery - does not include the activities: 38111, 38112, 38120, 38211, 38212 e 38220.

Source: Statistics Portugal, IAPI

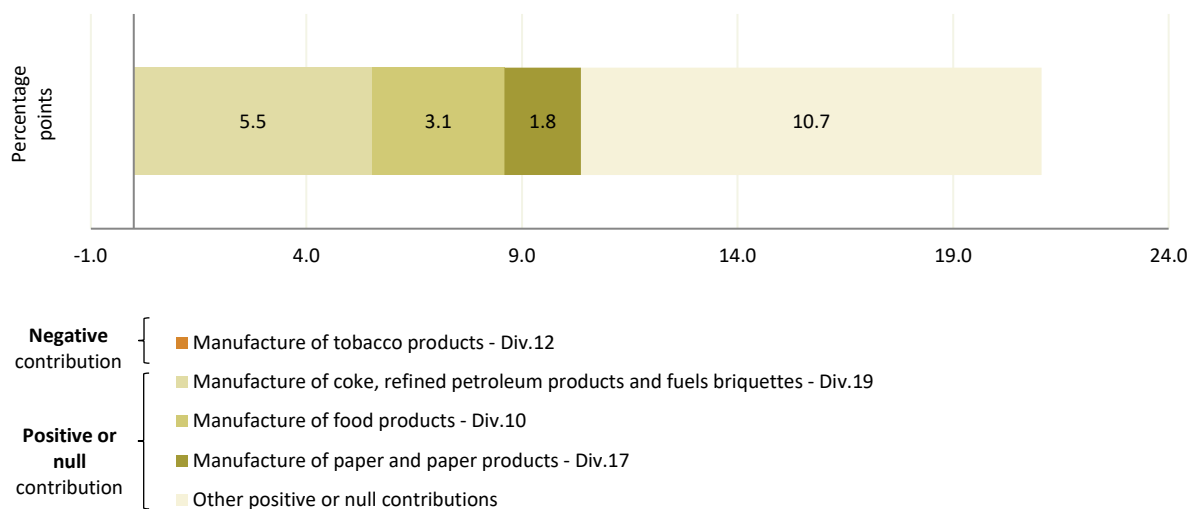
The major contributions to the evolution of the total sales of products and services were identified in the activities of Manufacture of coke, refined petroleum products and fuels briquettes (Div.19), with +5.5 p.p., followed by Manufacture of food products (Div. 10), with +3.1 p.p., and Manufacture of paper and paper products (Div. 17), with +1.8 percentage points. According to the IPPI, these divisions are among those that recorded the highest price changes in industrial production in 2022 compared to 2021, highlighting the increase of 26.4% in Div. 10.



Conversely, the only activity that contributed negatively, although slightly, was the Manufacture of tobacco products (Div. 12), with -0.01 percentage points.

The remaining activities had a positive or null contribution, totalling 10.7 percentage points.

Figure 1. Contribution by activity (Division) to the growth rate of total sales of products and industrial services, 2022



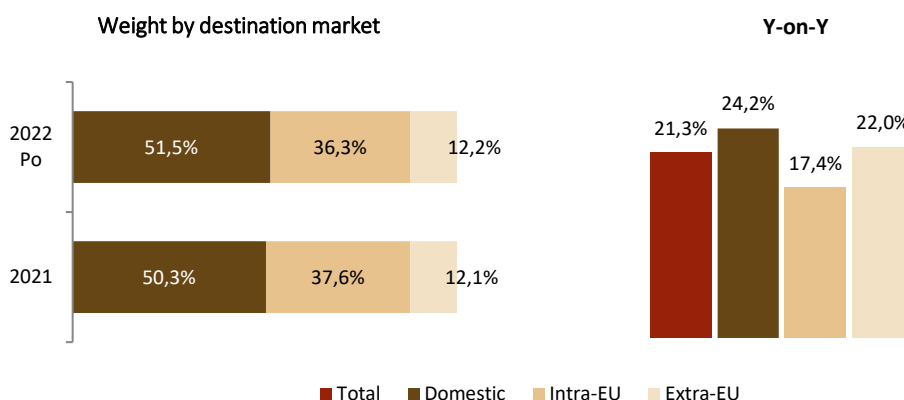
Source: Statistics Portugal, IAPI

Sales of products by markets

The value of industrial production sold on the domestic market (EUR 58.3 billion) was slightly higher than exports (51.5%; 50.3% in 2021) and increased by 24.2% over 2021. Sales to external markets, that corresponded to EUR 54.9 billion, increased by 18.5% (+18.8% in 2021), with the Extra-EU market recording a higher increase than the Intra-EU market (+22.0% and +17.4 %, respectively). The evolution of sales of products of Manufacture of coke, refined petroleum products and fuels briquettes (Div. 19) justifies the significant increase for the Extra-EU market. Considering the Intra-EU market, the most relevant contribution was shared between the sales of products of Manufacture of coke, refined petroleum products and fuels briquettes (Div. 19) and the sales of products of Manufacture of motor vehicles, trailers, semi-trailers and parts and accessories for motor vehicles (Div. 29).



Figure 2. Sales of products - weight and rate of change by destination markets



Source: Statistics Portugal, IAPI

Main industrial products

The main industrial products in 2022, considering the sales value, were the products of the Manufacture of coke, refined petroleum products and fuels briquettes (Div. 19), namely Gas oils and Motor spirit (gasoline), followed by Other parts and accessories, n.e.c., for vehicles (...) and by Vehicles with only spark-ignition engine (...).

Figure 3. Main industrial products

Product code	Product description	Unit	Total quantity	Sold quantity	Sales of products			
					2022 Po	Weight	Y-Y	Rank
			2022 Po	2022 Po	(EUR 10 ³)	%		
Total of industry (2242 products)		//	//	//	113 189 182	//	//	//
192002600	Gas oils	kg	...	...	...	...	...	1 ^o
192002100	Motor spirit (gasoline), including aviation spirit	kg	...	...	...	...	...	2 ^o
293203090	Other parts and accessories, n.e.c., for vehicles of HS 87.01 to 87.05; parts thereof		//	//	2 713 649	2.4	8.8	3 ^o
291002100	Vehicles with only spark-ignition engine of a cylinder capacity ≤ 1 500 cm ³	No	182 009	181 933	2 666 160	2.4	...	4 ^o
351101030	Conventional thermal electricity	10 ³ kWh	79 498 738	70 799 445	2 412 843	2.1	45.9	5 ^o

Source: Statistics Portugal, IAPI



METHODOLOGICAL NOTE

The Annual Survey on Industrial Production (PRODCOM survey – IAPI), transposes, in full, the European methodology for industrial production statistics, from the Regulation (EU) 2019/2152 of the European Parliament and of the Council, of 27 November 2019, Commission Implementing Regulation (EU) 2020/1197, of 30 July 2020, and Commission Implementing Regulation (EU) 2022/2552, of 12 December 2022, in respect to the coverage of industrial production, inquired variables and types of production.

These regulation's methodology was adapted to the Portuguese industrial reality, by breaking down the EU list of products and adopting national sub-positions, considered to be indispensable for the adequate knowledge of the national industrial production.

At the time of publishing the provisional results of the PRODCOM Survey, the information available from the Integrated Business Accounts System (IBAS) corresponds to the year 2021. Therefore, the methodology for estimating/imputation of non-responses is based on information for that year.

The final results will be released on December 12th, 2023.

Indicators available at Statistics Portugal Official Website

[Produced products, sales of products and sales of products in industry, by product type](#)

ACRONYMS AND DESIGNATIONS

CAE Rev.3	Portuguese Classification of Economic Activities, third revision
IAPI	Annual Survey on Industrial Production (PRODCOM survey)
IPPI	Industrial Production Price Index
IBAS	Integrated Business Accounts System

UNITS AND ABBREVIATIONS

Kg	Kilogram
10 ³ kWh	Thousand Kilowatt-hour
No	Number
%	Percentage
p.p.	Percentage points
Div.	Division
Po	Provisional
Y-on-Y	Year-on-year
EU	European Union

CONVENTIONAL SIGNS

//	Not applicable
...	Confidential data