



4 July 2022
Industrial Production Statistics
2021

INDUSTRIAL PRODUCTION INCREASED BY 12,1%, IN NOMINAL TERMS, RETURNING TO 2019 LEVELS

According to the provisional results of the Annual Survey on Industrial Production (IAPI), in 2021, the total sales of products and services in the Manufacturing industries (Divisions 10 to 33, 35 and 38 of CAE Rev.3) increased by 12.1%, in nominal terms, totalling EUR 94.3 billion (-10.6% and EUR 84.2 billion in 2020). Compared to 2019, there was a slight increase of 0.2%.

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 8.7% in 2021.

The major contributions to the evolution of the total sales of products and services were identified in the activities of Manufacture of chemicals, chemical products and man-made fibres, except pharmaceutical products (Div.20), with +1.8 p.p., followed by Manufacture of basic metals (Div.24), with +1.5 p.p., and Manufacture of coke, refined petroleum products and fuels briquettes (Div.19), with +1.1 p.p.. According to the IPPI, these divisions are among those that recorded the highest price changes in industrial production in 2021 compared to 2020, highlighting the increases of 24.8% in Div. 20 and 19.6% in Div. 24.

The Division 10 - Manufacture of food products remained the division with the highest relative weight in the total sales of products and services (13.1% of total manufacturing industries), recording an increase of 4.3% over 2020 (+3.6% compared to 2019). It was followed by Division 29 - Manufacture of motor vehicles (weight of 9.9%; -0.5% compared to 2020) and Division 19 - Manufacture of coke, refined petroleum products and fuels briquettes (weight of 7.2%; +16.6% compared to 2020), which only reached 80% of the value recorded in 2019.

Among the main industrial products, Gas oils stood out, recording an increase of 4.2% (-25.2% in 2020) and representing 3.7% of the total sales of products (4.0% in 2020).

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 94.3 billion in 2021, representing an increase of 12.1%, in nominal terms, compared to the previous year (-10.6% in 2020). Compared to 2019, there was a slight increase of 0.2%.

Part of this increase is justified by the effect of price increases, given that the industrial production price index (IPPI) recorded a year-on-year increase of 8.7% in 2021.

Figure 1. Sales of products and industrial services

Year	Sales of products and industrial services	
	10 ³ €	Tvh (%)
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 Po	94,313,201	12.1

Source: Statistics Portugal, IAPI

Sales of products and industrial services by activity

The Division 10 - Manufacture of food products remained the division with the highest relative weight in the total sales of products and services (13.1% of total manufacturing industries), recording an increase of 4.3% over the previous year (-0.6% in 2020), totalling EUR 12.4 billion. Compared to 2019, there was an increase of 3.6%.

The Division 29 - Manufacture of motor vehicles (...) decreased by 0.5% in 2021 (-19.3% in 2020), recording EUR 9.4 billion, keeping the second highest weight in total sales and industrial services (9.9%), corresponding to 80.3% of the value recorded in 2019.

The Division 19 - Manufacture of coke, refined petroleum products (...) increased by 16.6% (-30.8% in 2020) and ranked third (7.2%), increasing one position in this ranking. Despite this increase, the value of this division for 2021 represented only 80.7% of total sales and industrial services in 2019.



Figure 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	2021 Po	Weight	Tvh	Rank	Sales of products		Industrial services	
		10 ³ €	%			2021 Po	Tvh	2021 Po	Tvh
		10 ³ €	%			10 ³ €	%	10 ³ €	%
Total of industry		94 313 201	//	12.1	//	91 022 583	12.7	3 290 618	-3.0
10	Manufacture of food products	12 361 828	13.1	4.3	1 ^a	12 197 517	4.3	164 311	4.4
29	Manufacture of motor vehicles, trailers, semi-trailers and parts and accessories for motor vehicles	9 366 286	9.9	-0.5	2 ^a	9 301 809	-0.6	64 478	26.3
19	Manufacture of coke, refined petroleum products and fuels briquettes	6 755 822	7.2	16.6	3 ^a	6 753 680	16.6	2 142	0.0
25	Manufacture of fabricated metal products, except machinery and equipment	6 550 028	6.9	10.3	4 ^a	5 776 581	11.9	773 448	-0.7
20	Manufacture of chemicals, chemical products and man-made fibres, except pharmaceutical products	5 456 763	5.8	38.6	5 ^a	5 335 201	38.5	121 562	42.7
22	Manufacture of rubber and plastic products	4 826 274	5.1	20.5	6 ^a	4 805 676	20.4	20 598	46.3
35	Electricity, gas, steam, cold and hot water and cold air	4 453 436	4.7	26.3	7 ^a	4 410 015	26.4	43 420	21.4
23	Manufacture of other non-metallic mineral products	4 256 714	4.5	9.9	8 ^a	4 110 548	10.6	146 166	-6.5
17	Manufacture of paper and paper products	4 220 020	4.5	15.9	9 ^a	4 114 019	16.4	106 001	0.2
24	Manufacture of basic metals	4 020 430	4.3	43.7	10 ^a	4 005 075	43.7	15 355	35.9
28	Manufacture of machinery and equipment n.e.c.	3 388 793	3.6	36.4	11 ^a	3 191 489	39.8	197 304	-2.2
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	3 294 459	3.5	10.5	12 ^a	3 202 705	10.7	91 754	4.4
13	Manufacture of textiles	3 233 073	3.4	10.1	13 ^a	2 985 690	10.1	247 383	10.0
11	Manufacture of beverages	3 091 784	3.3	11.8	14 ^a	3 057 712	11.2	34 072	127.3
14	Manufacture of wearing apparel	3 024 002	3.2	9.7	15 ^a	2 798 883	10.2	225 119	3.7
27	Manufacture of electrical equipment	2 350 370	2.5	17.8	16 ^a	2 338 682	18.2	11 688	-27.4
26	Manufacture of computer, communication equipment, electronic and optical products	2 216 798	2.4	-15.4	17 ^a	2 120 720	-16.0	96 078	-2.3
15	Manufacture of leather and related products	2 076 675	2.2	4.6	18 ^a	2 019 471	4.8	57 204	-4.0
33	Repair, maintenance and installation of machinery and equipment	1 936 834	2.1	-11.5	19 ^a	1 529 043	-4.8	407 791	-29.9
31	Manufacture of furniture	1 823 267	1.9	9.0	20 ^a	1 771 360	9.0	51 907	8.9
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	1 293 086	1.4	3.7	21 ^a	1 069 122	3.2	223 964	6.0
38	Waste collection, treatment and disposal activities; materials recovery	1 102 664	1.2	61.8	22 ^a	1 083 758	66.1	18 906	-34.4
30	Manufacture of other transport equipment	866 212	0.9	11.1	23 ^a	833 921	13.1	32 291	-23.8
32	Other manufacturing activities	855 826	0.9	10.3	24 ^a	838 584	12.0	17 242	-36.1
12	Manufacture of tobacco products	793 181	0.8	4.1	25 ^a	716 276	5.9	76 904	-10.4
18	Printing and reproduction of recorded media	698 574	0.7	-5.5	26 ^a	655 045	-5.1	43 529	-10.9

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

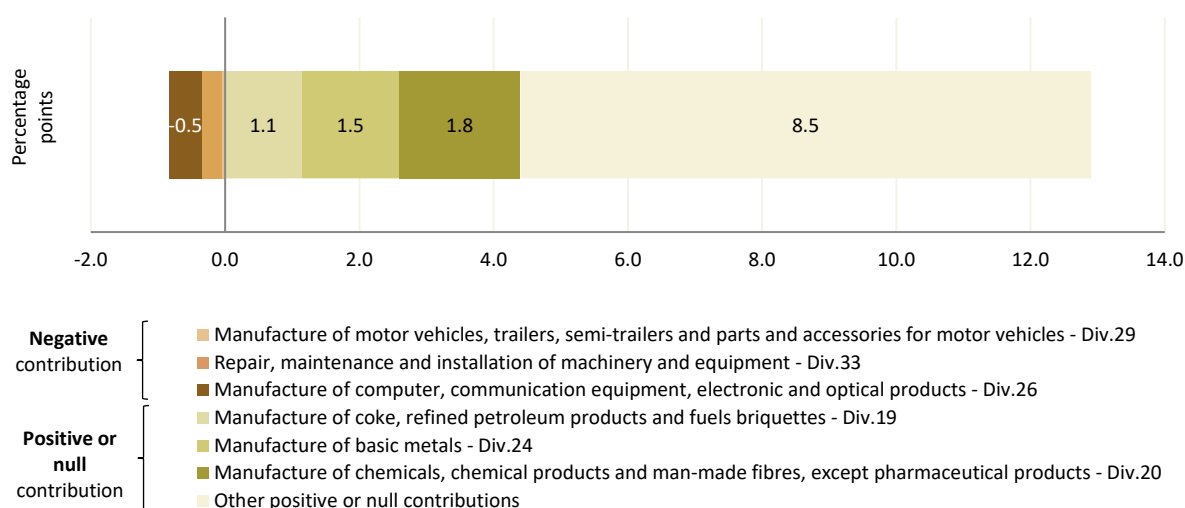
The major contributions to the evolution of the total sales of products and services were identified in the activities of Manufacture of chemicals, chemical products, and man-made fibres, except pharmaceutical products (Div.20), with +1.8 p.p., followed by Manufacture of basic metals (Div.24), with +1.5 p.p., and Manufacture of coke, refined petroleum products and fuels briquettes (Div.19), with +1.1 percentage points. According to the IPPI, these divisions are among those that recorded the highest price changes in industrial production in 2021 compared to 2020, highlighting the increases of 24.8% in Div. 20 and 19.6% in Div. 24.



Conversely, the activities that contributed negatively were: Manufacture of computer, communication equipment, electronic and optical products (Div.26), with -0.5 p.p., followed by Repair, maintenance and installation of machinery and equipment (Div.33), with -0.3 p.p., and Manufacture of motor vehicles, trailers, semi-trailers and parts and accessories for motor vehicles (Div. 29), with -0.1 p.p..

The remaining activities had a positive or null contribution, totalling 8.5 percentage points.

**Figure 3. Contribution by activity (Division) to the growth rate
of total sales of products and industrial services, 2021**



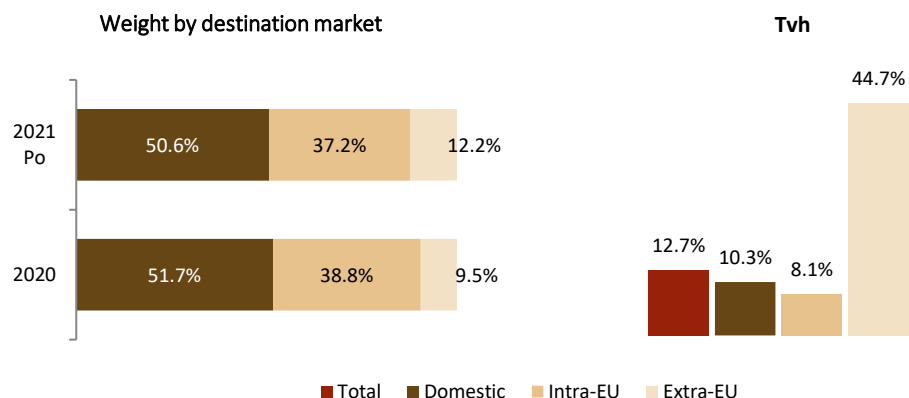
Source: Statistics Portugal, IAPI

Sales of product by markets

The value of industrial production sold on the domestic market was slightly higher than exports (50.6%; 51.7% in 2020) and increased by 10.3% over 2020, almost compensating the decline recorded in the previous year (-10.4% in 2020). Sales to external markets increased by 15.3% (-11.4% in 2020), with the Extra-EU market recording a significantly higher increase than the Intra-EU market (+44.7% and +8.1 %, respectively; -10.1% and -11.7%, in the same order, in 2020). This different performance is significantly related with the evolution of the Manufacture of coke, refined petroleum products and fuels briquettes (Div. 19) and the Manufacture of chemicals, chemical products, and man-made fibres, except pharmaceutical products (Div. 20).



Figure 4. Sales of products - weight and rate of change by destination market



Source: Statistics Portugal, IAPI

Main industrial products

The main industrial products in 2021 were Gas oils, with a weight of 3.7% in the total production sold (4.0% in 2020), and Other parts and accessories for motor vehicles, tractors and vehicles for special uses, which remained in second place, with a weight of 2.7% (same as in the previous year).

Figure 5. Main industrial products

Product code	Product description	Unit	Total quantity	Sold quantity	Sales of products			
			2021 Po	2021 Po	2021 Po (10 ³ €)	Weight	Tvh	Rank
						%		
Total of industry (2239 products)		//	//	//	91 022 583	//	//	//
Total of 5 main products		//	//	//	11 200 009	12.3	//	//
192002600	Gas oils	kg	4 513 112 163	4 681 928 707	3 343 679	3.7	4.2	1 ^º
293203090	Other parts and accessories, n.e.c., for vehicles of HS 87.01 to 87.05	//	//	//	2 422 623	2.7	12.5	2 ^º
291002100	Vehicles with spark-ignition engine of a cylinder capacity ≤ 1 500 cm³	No	...	...	...	...	...	3 ^º
351101030	Conventional thermal electricity	10³kWh	22 460 452	16 143 691	1 626 698	1.8	14.4	4 ^º
192002100	Motor spirit (gasoline), including aviation spirit	kg	...	...	...	...	...	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 Council's regulation 3924/91, of 19.12.1992 (PRODCOM Regulation) and the Commission's regulation 912/2004, of 29.04.2004, 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 2020. Therefore, the methodology for estimating/imputation of non-responses is based on information for that year.

The final results will be released on December 12, 2022.

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
Tvh	Rate of change
EU	European Union

CONVENTIONAL SIGNS

//	Not applicable
...	Confidential data