

06 October 2022

Industrial Production Indices (IPI). Base 2015
August 2022 Provisional data

After adjusting for seasonal and calendar effects, the monthly variation of the Industrial Production Index stood at 0.4%

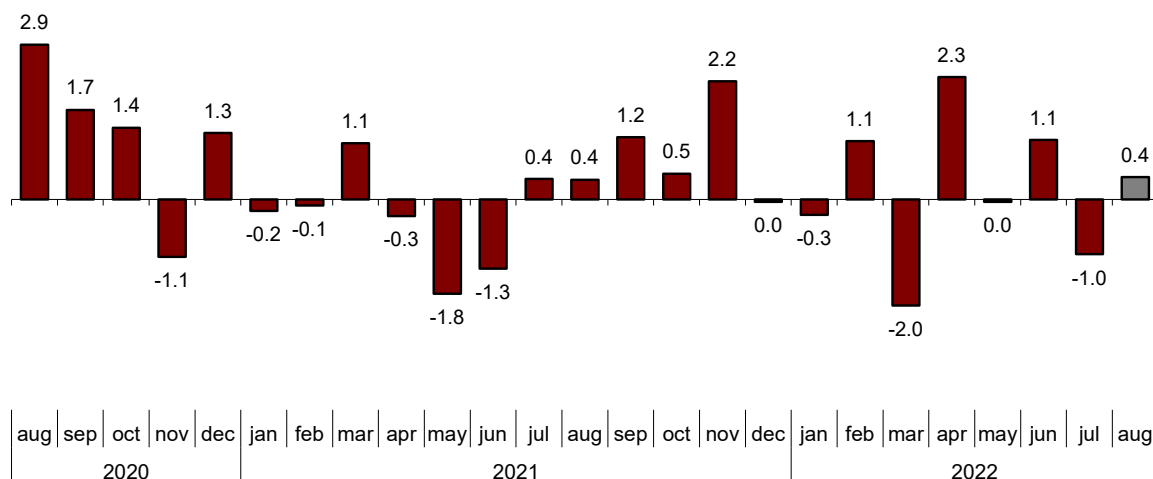
The annual rate of the Industrial Production Index stands at 5.5% in the series adjusted for seasonal and calendar effects and at 5.8% in the original series

Monthly evolution of industrial production

After adjusting for seasonal and calendar effects, the monthly variation of the Industrial Production Index (IPI) between August and July stood at 0.4%. This rate is 1.4 points higher than that observed in July.

General Industrial Production Index

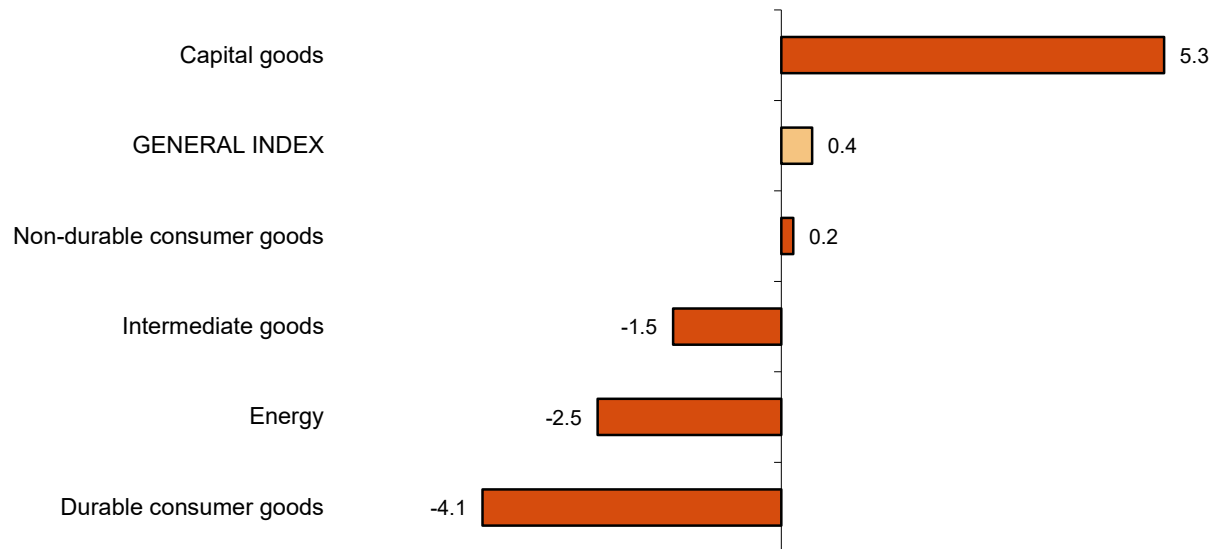
Adjusted for seasonal and calendar effects. Monthly rate (percentage)



By sectors, *Capital goods* (5.3%) and *Non-durable consumer goods* (0.4%) showed positive monthly rates. On the other hand *Durable consumer goods* (–4.1%), *Energy* (–2.5%) and *Intermediate goods* (–1.5%) showed negative monthly rates.

Industrial Production Indices: General and by economic destination

Adjusted for seasonal and calendar effects. August 2022. Monthly rate (percentage)



A more detailed analysis shows the branches of activity with the highest and lowest monthly rates in the month of August.

Branches of activity with the highest monthly rates of the industrial production index adjusted for seasonal and calendar effects

Activity (Division from CNAE 2009)	Monthly rate (%)
Manufacture of motor vehicles, trailers and semi-trailers	30.2
Extraction of anthracite, coal and lignite	18.9
Other mining and quarrying	11.5

Branches of activity with the lowest monthly rates of the industrial production index adjusted for seasonal and calendar effects

Activity (Division from CNAE 2009)	Monthly rate (%)
Manufacture of pharmaceutical products	-16.6
Graphic arts and reproduction of recorded media	-12.8
Manufacture of furniture	-10.1

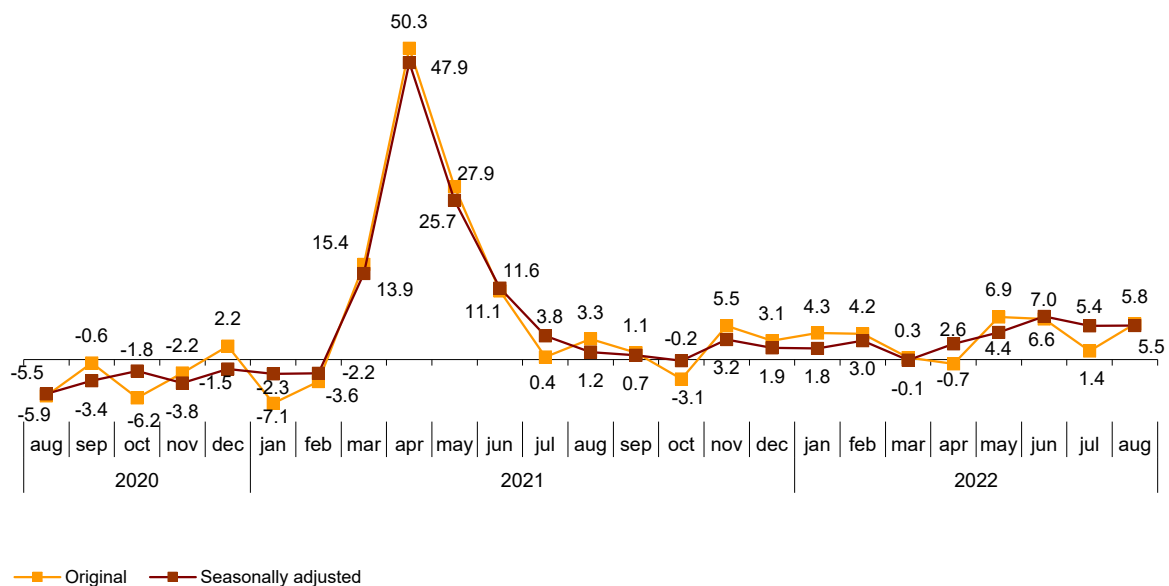
Annual evolution of industrial production

The Industrial Production Index corrected for seasonal and calendar effects presents a variation of 5.5% in August with respect to the same month of the previous year. This rate is 0.1 points higher than that registered in July.

The original IPI series experienced an annual variation of 5.8%. This rate is 4.4 points higher than that of July.

General Industrial Production Index

Annual rate (percentage)



Four of the five sectors showed positive annual rates. It is worth highlighting the increase in *Capital goods* (12.6%) followed by *Energy* (9.4%). The only sector that decreased was *Intermediate goods* (-3.2%).

Annual rates of industrial production indices: General and by economic destination of the goods

	Original index Annual rate (%)	Seasonally adjusted index Annual rate (%)
General Index	5.8	5.5
Consumer goods	6.0	5.7
- Durable consumer goods	-0.1	0.4
- Non-durable consumer goods	6.5	4.5
Capital goods	14.9	12.6
Intermediate goods	-2.9	-3.2
Energy	9.8	9.4

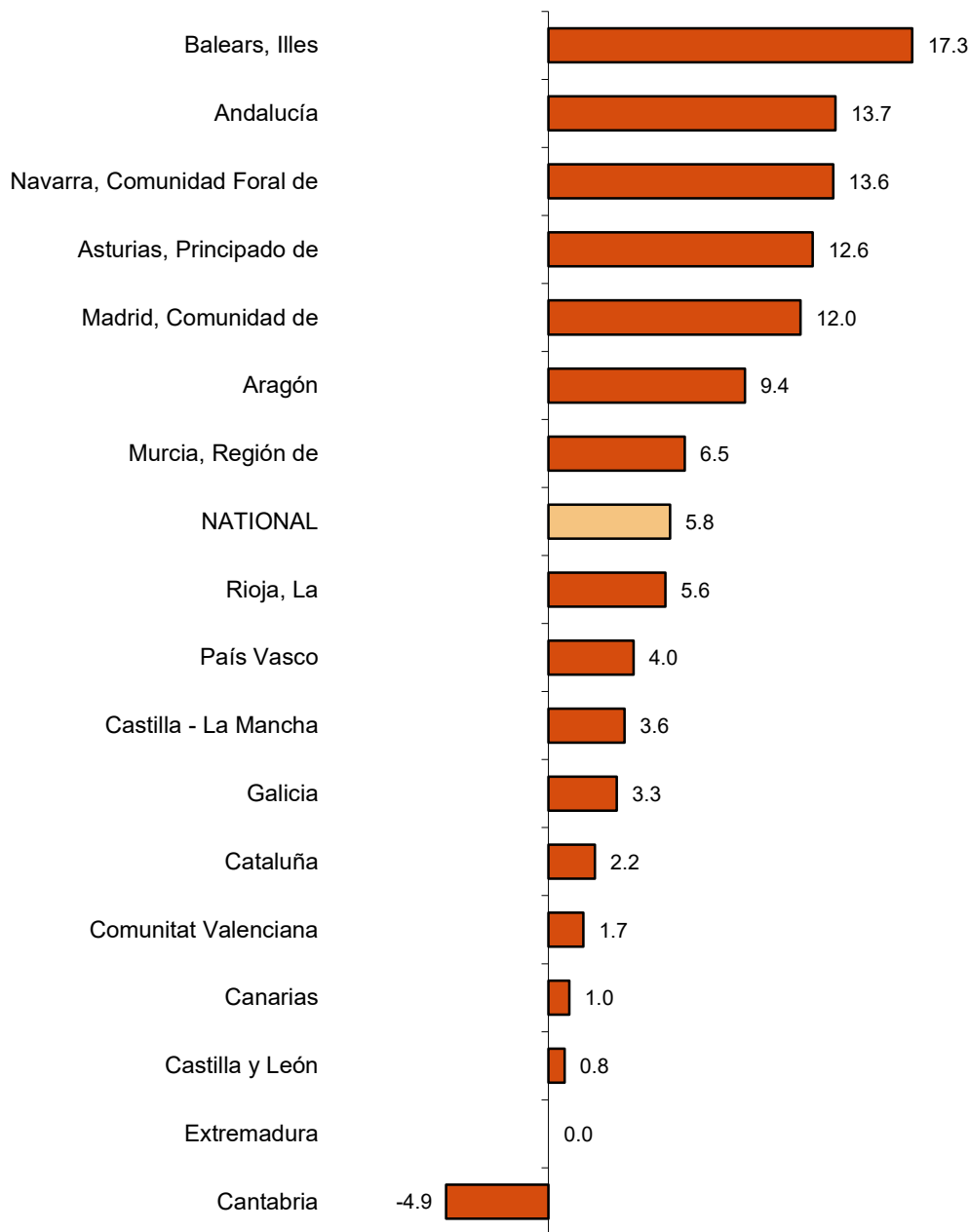
Results by Autonomous Communities. Annual variation rates of industrial production. Original series

The annual rate of industrial production increased as compared to August 2021 in 16 Autonomous Communities and fell in only one autonomous community.

The largest increases were recorded in Illes Balears (17.3%), Andalucía (13.7%) and Comunidad Foral de Navarra (13.6%). The only decrease was recorded in Cantabria (−4.9%).

General indices: national and by Autonomous Communities

August 2022. Annual rate (percentage)



Data Review and Update

Coinciding with today's publication, the INE has updated the data of the IPI series corresponding to the last two months. In the case of the series adjusted for calendar effects and for seasonal and calendar effects, the series is revised from the beginning, following the INE standard. The results are available at INEBase.

Methodological note

The Industrial Production Index (IPI) is a short-term indicator that measures the monthly evolution of the productive activity of the industrial branches, excluding construction, contained in the National Classification of Economic Activities 2009 (CNAE-2009). It therefore investigates the activities included in sections B, C, D and division 36: Water collection, treatment and supply, from section E of the CNAE-2009.

The IPI measures the joint evolution of quantity and quality, eliminating the influence of prices.

Type of survey: monthly continuous survey.

Base year: 2015.

Population scope: industrial establishments whose main activity is included in sections B, C, D and division 36 of the CNAE-2009.

Geographical scope: the entire national territory.

Sample size: 11,500 industrial establishments and more than 1,100 products.

Collection method: completion of the questionnaire by the respondent using one of the following methods: internet (IRIA system), e-mail, fax, telephone or by postal mail.

For more information the methodology can be accessed at:

https://www.ine.es/en/daco/daco43/metoipi15_en.pdf

And the standardised methodological report at:

<https://www.ine.es/dynt3/metadatos/en/RespuestaDatos.html?oe=30050>

INE statistics are produced in accordance with the Code of Good Practice for European Statistics, which is the basis for the institution's quality policy and strategy. For more information see the section on [Quality at INE and the Code of Best Practices](#) on the INE website.

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Industrial Production Indices. Base 2015

August 2022

Provisional Data

1. Industrial Production Indices: General and by economic destination adjusted for seasonal and calendar effects

	Index	Rate (%)		
		Monthly	Annual	Year-to-date average
General Index	107.0	0.4	5.5	3.7
Consumer goods	107.5	0.6	5.7	5.4
- Durable consumer goods	107.9	-4.1	0.4	5.3
- Non-durable consumer goods	107.2	0.2	4.5	5.3
Capital goods	114.5	5.3	12.6	5.0
Intermediate goods	107.5	-1.5	-3.2	-0.4
Energy	101.7	-2.5	9.4	6.8

2. Industrial Production Indices: General and by economic destination adjusted for seasonal and calendar effects

	Index	Rate (%)	
		Annual	Year-to-date average
General Index	87.1	5.1	3.7
Consumer goods	91.5	5.3	5.4
- Durable consumer goods	71.7	-1.1	5.8
- Non-durable consumer goods	92.9	5.7	5.4
Capital goods	72.3	14.0	4.6
Intermediate goods	80.4	-3.5	-0.3
Energy	106.7	9.5	6.9

3. Industrial Production Indices: General and by economic destination. Original series

	Index	Rate (%)		Repercussion Annual
		Annual	Year-to-date average	
General Index	88.4	5.8	3.5	
Consumer goods	93.2	6.0	5.2	1.647
- Durable consumer goods	73.4	-0.1	5.5	-0.001
- Non-durable consumer goods	94.8	6.5	5.2	1.648
Capital goods	73.6	14.9	4.4	2.537
Intermediate goods	81.6	-2.9	-0.5	-0.885
Energy	107.2	9.8	6.8	2.484

4. Industrial Production Indices: General and by branches of activity (CNAE 2009). Original series

	Index	Rate (%)		Repercussion Annual
		Annual	Year-to-date average	
General Index	88.4	5.8	3.5	
B. Mining and quarrying industries	82.4	12.6	-4.3	0.077
Extraction of anthracite, coal and lignite	..	..	..	..
National crude petroleum and natural gas	..	..	..	..
Extraction of metallic ores	..	..	..	..
Other mining and quarrying	97.5	13.5	-4.3	0.079
C. Manufacturing industry	83.6	4.1	2.9	3.117
Food Industry	106.1	3.0	2.1	0.442
Manufacture of beverages.	115.4	12.8	5.9	0.514
Tobacco industry.	..	..	..	..
Textile industry	52.3	1.2	6.5	0.008
Manufacture of garments	126.8	9.4	18.9	0.121
Leather and footwear industry	61.5	31.4	16.8	0.166
Manufacture of wood and of products of wood and cork, except furniture; basketmaking and wickerwork	73.4	-6.1	12.8	-0.071
Manufacture of paper and paper-products	89.7	-2.5	1.1	-0.068
Graphic arts and reproduction of recorded media	53.9	-6.9	0.6	-0.079
Manufacture of coke and refined petroleum products	100.7	-3.5	9.9	-0.105
Chemical Industry	91.3	-7.2	-0.9	-0.526
Manufacture of pharmaceutical products	68.1	17.4	6.3	0.440
Rubber and plastic material transformation industry	86.7	3.3	1.7	0.152
Manufacture of other non-metallic ore products	92.0	-4.0	0.9	-0.170
Metallurgy; manufacture of iron, steel and ferro-alloy products	58.2	-15.7	-7.5	-0.443
Manufacture of metal products, except machinery and equipment	78.3	4.5	2.0	0.319
Manufacture of computers, electronic and optical products	84.1	16.3	3.2	0.149
Manufacture of electrical material and equipment	82.2	2.9	2.1	0.077
Manufacture of machinery and equipment n.e.c.	92.9	13.2	5.5	0.596
Manufacture of motor vehicles, trailers and semi-trailers	55.4	30.6	0.4	1.268
Manufacture of other transport equipment	47.3	4.0	5.7	0.059
Manufacture of furniture.	74.1	-1.7	6.4	-0.020
Other manufacturing industries	69.8	5.4	6.3	0.048
Repair and installation of machinery and equipment	108.1	7.2	5.8	0.237
D. Supply of electrical energy, gas, steam and air conditioning	104.0	14.4	8.0	2.577
E. Water supply, activities, waste management and decontamination*	133.4	0.3	-1.2	0.012

* It only includes Water collection, treatment and supply

(..) Data not available due to statistical secrecy.

5. Industrial production indices: national and by Autonomous Community. Original series

	Index	Rate (%)	
		Annual	Year-to-date average
National	88.4	5.8	3.5
Andalucía	93.9	13.7	6.5
Aragón	83.5	9.4	7.1
Asturias, Principado de	98.3	12.6	3.8
Balears, Illes	106.5	17.3	19.7
Canarias	90.1	1.0	5.0
Cantabria	92.2	-4.9	-1.8
Castilla y León	74.0	0.8	-3.4
Castilla-La Mancha	94.2	3.6	6.3
Cataluña	81.0	2.2	1.2
Comunitat Valenciana	88.8	1.7	3.6
Extremadura	139.5	0.0	3.1
Galicia	92.0	3.3	-1.3
Madrid, Comunidad de	96.4	12.0	5.7
Murcia, Región de	120.3	6.5	6.5
Navarra, Comunidad Foral de	101.9	13.6	4.2
País Vasco	73.2	4.0	6.0
Rioja, La	64.3	5.6	3.5

More detailed information by Autonomous Community may be obtained at:

Andalucía	www.juntadeandalucia.es/institutodeestadisticaycartografia
Aragón	www.aragon.es/iaest/ipi
Principado de Asturias	www.sadei.es
Illes Balears	www.ibestat.caib.es
Canarias	www.gobiernodecanarias.org/istac
Cantabria	www.icane.es
Castilla y León	www.jcyl.es/estadistica
Castilla - La Mancha	www.jccm.es/estadistica
Cataluña	www.idescat.cat
Comunitat Valenciana	www.ive.es
Extremadura	http://estadistica.juntaex.es
Galicia	www.ige.xunta.es
Comunidad de Madrid	www.madrid.org/iestadis
Región de Murcia	http://econet.carm.es
La Rioja	www.larioja.org