

4 November 2022

**Industrial Production Indices (IPI). Base 2015**  
September 2022. Provisional Data

**The monthly variation of the Industrial Production Index stands at -0.3%, after adjusting for seasonal and calendar effects**

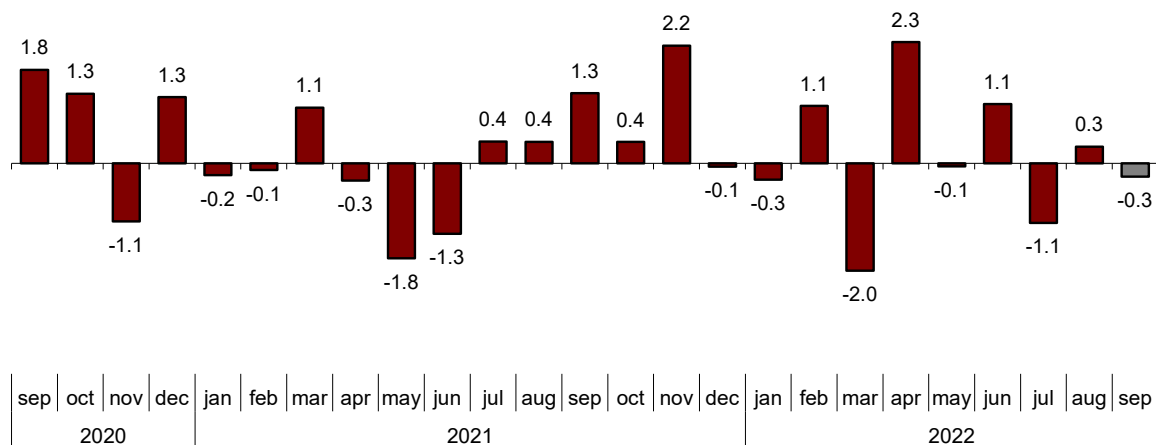
**The annual rate of the Industrial Production Index stands at 3.6% in the series adjusted for seasonal and calendar effects and at 3.3% in the original series**

**Monthly evolution of industrial production**

The monthly variation of the Industrial Production Index (IPI) between the months of September and August, after adjusting for seasonal and calendar effects, was -0.3%. This rate is 0.6 points lower than that observed in August.

**General Industrial Production Index**

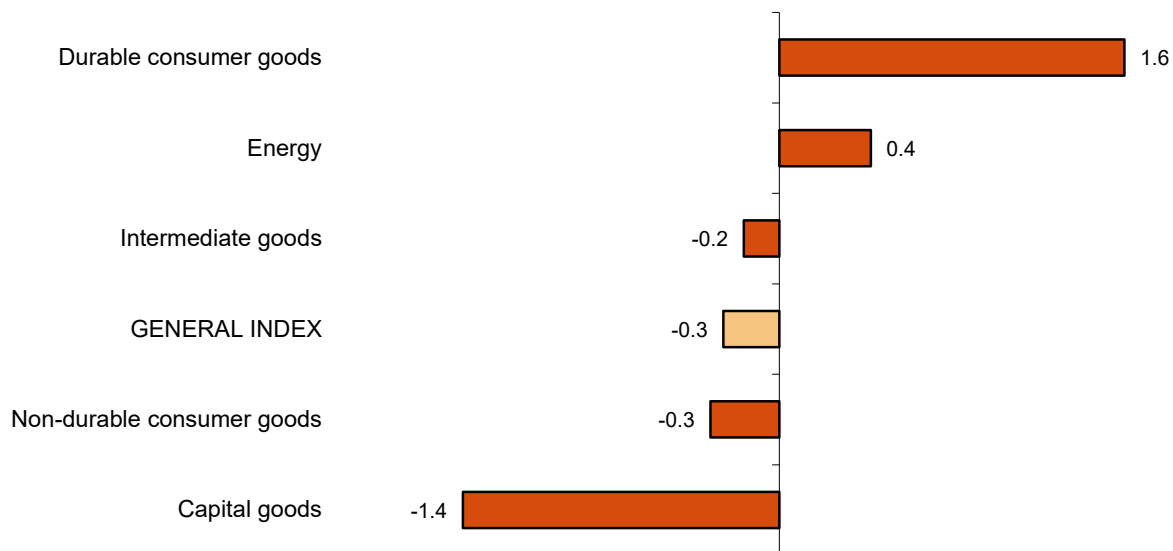
Adjusted for seasonal and calendar effects. Monthly rate (percentage)



By sectors, *Durable consumer goods* (1.6%) and *Energy* (0.4%) showed positive monthly rates. On the other hand *Capital goods* (−1.4%), *Non-durable consumer goods* (−0.3%) and *Intermediate goods* (−0.3%) showed negative monthly rates.

## Industrial Production Indices: General and by economic destination

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



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

## 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 beverages	11.2
Manufacture of pharmaceutical products	10.8
Metallurgy; manufacture of iron, steel and ferro-alloy products	10.2

## 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 motor vehicles, trailers and semi-trailers	-19.5
Manufacture of wood and of products of wood and cork, except furniture; basketmaking and wickerwork	-15.7
Tobacco industry	-14.7

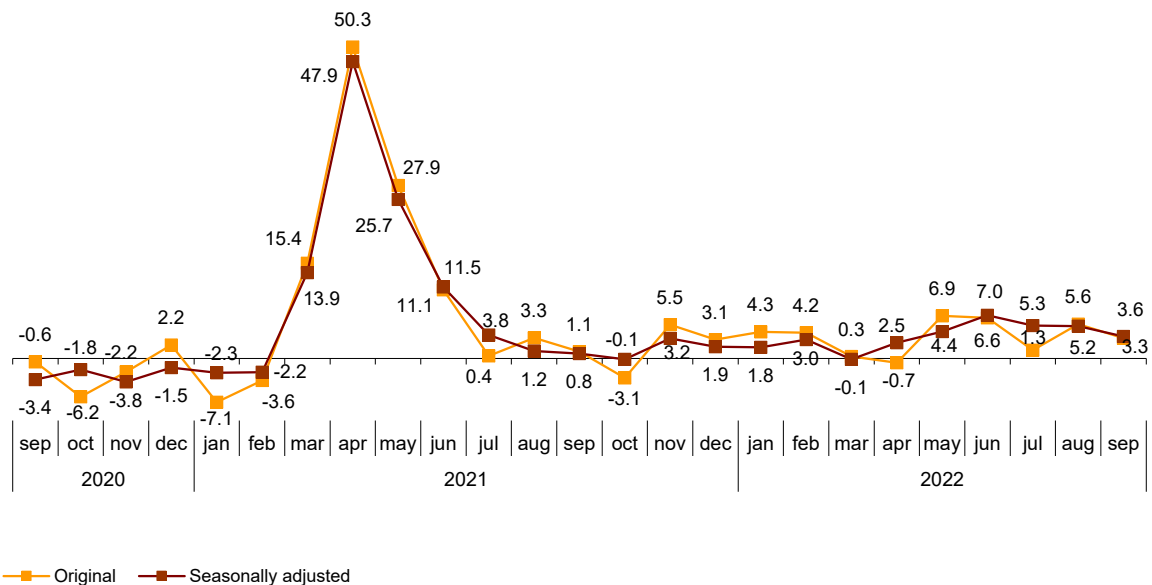
## Annual evolution of industrial production

The Industrial Production Index, adjusted for seasonal and calendar effects, recorded a variation rate of 3.6% in September, compared to the same month of the previous year. This rate is 1.6 points lower than that registered in August.

The original IPI series experienced an annual variation of 3.3%. This rate is 2.3 points lower than that of August.

### 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* (11.8%) followed by *Energy* (8.6%). The only sector that decreased was *Intermediate goods* (-3.0%).

### 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	3.3	3.6
Consumer goods	1.1	1.5
- Durable consumer goods	2.3	3.7
- Non-durable consumer goods	1.0	2.2
Capital goods	11.5	11.8
Intermediate goods	-3.7	-3.0
Energy	8.6	8.6

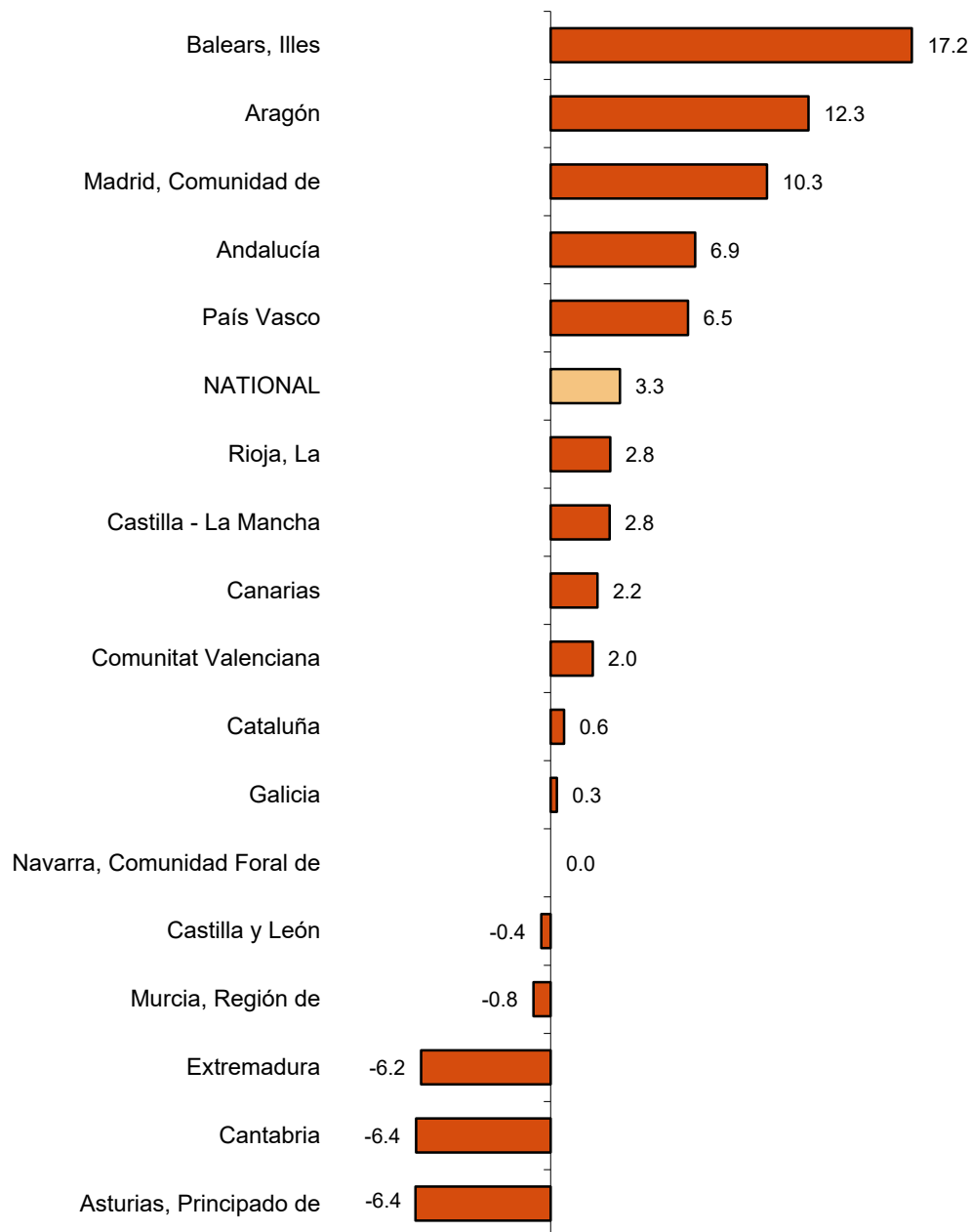
## Results by Autonomous Communities. Annual variation rates of industrial production. Original series

The annual rate of industrial production increased as compared to September 2021 in 12 Autonomous Communities and decreased in the other five.

The largest increases were recorded in Illes Balears (17.2%), Aragón (12.3%) and Comunidad de Madrid (10.3%). The largest decreases were recorded in Principado de Asturias (-6.4%), Cantabria (-6.4%) and Extremadura (-6.2%).

### General indices: national and by Autonomous Communities

September 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](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

**September 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	106.4	-0.3	3.6	3.6
Consumer goods	106.6	-0.7	1.5	5.0
- Durable consumer goods	109.2	1.6	3.7	5.0
- Non-durable consumer goods	106.7	-0.3	2.2	4.9
Capital goods	112.0	-1.4	11.8	5.5
Intermediate goods	106.8	-0.2	-3.0	-0.8
Energy	102.3	0.4	8.6	7.0

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

	Index	Rate (%)	
		Annual	Year-to-date average
General Index	108.8	3.6	3.7
Consumer goods	110.5	1.3	5.0
- Durable consumer goods	112.2	2.7	5.4
- Non-durable consumer goods	110.5	1.2	4.9
Capital goods	115.1	12.0	5.4
Intermediate goods	108.2	-3.3	-0.7
Energy	101.3	8.7	7.1

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

	Index	Rate (%)		Repercussion Annual
		Annual	Year-to-date average	
General Index	110.5	3.3	3.5	
Consumer goods	113.0	1.1	4.8	0.309
- Durable consumer goods	114.8	2.3	5.1	0.048
- Non-durable consumer goods	112.9	1.0	4.8	0.261
Capital goods	117.1	11.5	5.1	2.514
Intermediate goods	109.8	-3.7	-1.0	-1.178
Energy	101.8	8.6	7.0	1.645

**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	110.5	3.3	3.5	
B. Mining and quarrying industries	97.5	-0.9	-4.1	-0.006
Extraction of anthracite, coal and lignite	..	..	..	..
National crude petroleum and natural gas	..	..	..	..
Extraction of metallic ores	..	..	..	..
Other mining and quarrying	115.6	-0.7	-4.1	-0.004
C. Manufacturing industry	112.6	2.0	2.8	1.619
Food Industry	108.0	-2.7	1.6	-0.330
Manufacture of beverages.	130.9	6.0	5.8	0.229
Tobacco industry.	..	..	..	..
Textile industry	103.5	-3.1	5.2	-0.033
Manufacture of garments	163.4	16.0	18.6	0.195
Leather and footwear industry	86.3	21.7	16.9	0.136
Manufacture of wood and of products of wood and cork, except furniture; basketmaking and wickerwork	106.0	-21.8	8.2	-0.344
Manufacture of paper and paper-products	100.0	-6.0	0.1	-0.146
Graphic arts and reproduction of recorded media	67.0	-7.8	0.0	-0.087
Manufacture of coke and refined petroleum products	98.6	-1.4	8.6	-0.031
Chemical Industry	104.9	-8.0	-1.8	-0.527
Manufacture of pharmaceutical products	123.6	1.1	6.1	0.045
Rubber and plastic material transformation industry	114.7	3.4	2.0	0.162
Manufacture of other non-metallic ore products	117.4	-5.6	0.1	-0.244
Metallurgy; manufacture of iron, steel and ferro-alloy products	94.6	-10.1	-7.8	-0.342
Manufacture of metal products, except machinery and equipment	113.2	0.0	1.5	-0.001
Manufacture of computers, electronic and optical products	138.4	8.6	3.8	0.108
Manufacture of electrical material and equipment	136.5	12.1	3.2	0.387
Manufacture of machinery and equipment n.e.c.	139.5	6.3	5.4	0.353
Manufacture of motor vehicles, trailers and semi-trailers	101.2	28.8	3.4	1.726
Manufacture of other transport equipment	115.4	7.0	5.9	0.193
Manufacture of furniture.	119.3	-0.7	5.5	-0.010
Other manufacturing industries	129.9	5.1	6.3	0.065
Repair and installation of machinery and equipment	118.3	4.7	5.7	0.135
D. Supply of electrical energy, gas, steam and air conditioning	99.1	11.1	8.4	1.523
E. Water supply, activities, waste management and decontamination*	122.3	4.9	-0.5	0.153

\* 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	110.5	3.3	3.5
Andalucía	105.9	6.9	6.5
Aragón	111.6	12.3	7.6
Asturias, Principado de	100.8	-6.4	2.3
Balears, Illes	104.7	17.2	19.4
Canarias	96.2	2.2	4.6
Cantabria	110.8	-6.4	-2.2
Castilla y León	93.4	-0.4	-3.1
Castilla-La Mancha	110.6	2.8	5.9
Cataluña	106.2	0.6	1.1
Comunitat Valenciana	117.7	2.0	3.4
Extremadura	118.3	-6.2	2.0
Galicia	108.6	0.3	-1.3
Madrid, Comunidad de	121.5	10.3	6.4
Murcia, Región de	121.5	-0.8	5.5
Navarra, Comunidad Foral de	124.1	0.0	3.5
País Vasco	113.2	6.5	5.9
Rioja, La	92.6	2.8	3.4

More detailed information by Autonomous Community may be obtained at:

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