

**Industrial Production Index (IPI). Base 2015**  
September 2023. Provisional data

**The monthly variation of the Industrial Production Index was 1.1%, after adjusting for seasonal and calendar effects**

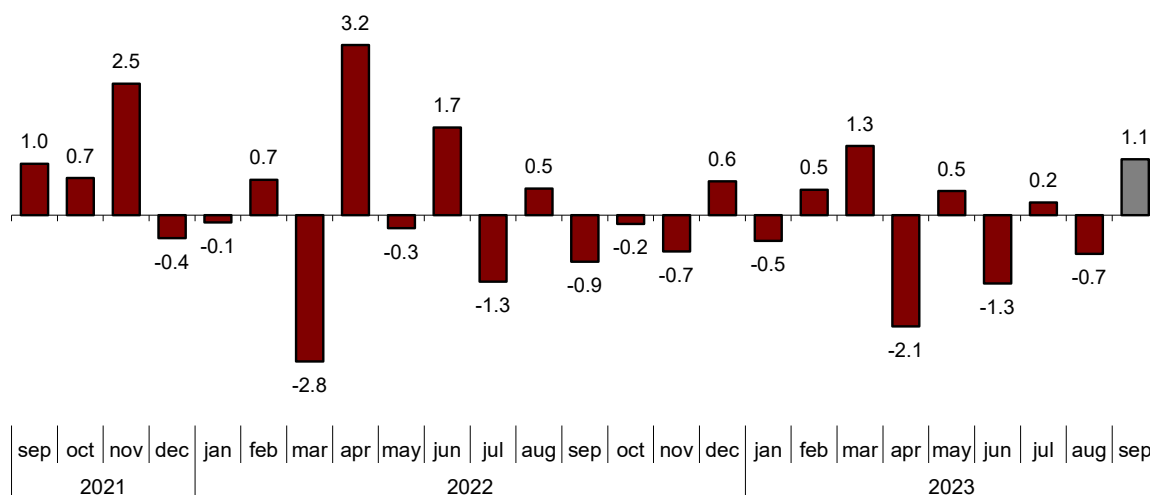
**The annual rate of the Industrial Production Index was -1.4% in the series adjusted for seasonal and calendar effects and -4.1% in the original series**

**Monthly evolution of industrial production**

After adjusting for seasonal and calendar effects, the monthly variation of the Industrial Production Index (IPI) between September and August is 1.1%. This rate is 1.8 points higher than that observed in August.

**General Industrial Production Index**

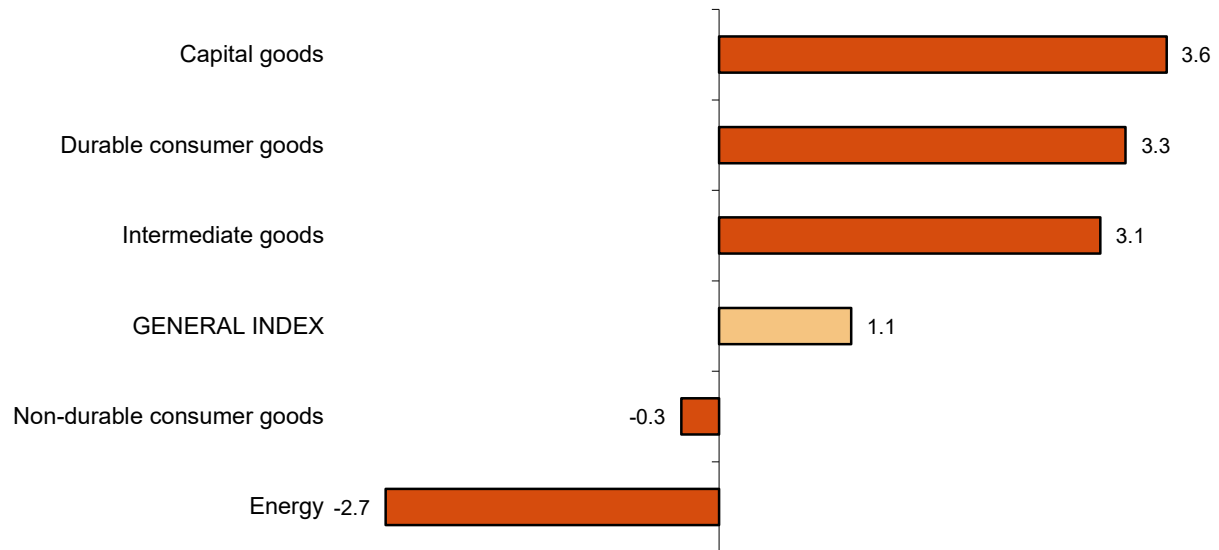
Adjusted for seasonal and calendar effects. Monthly rate (percentage)



By sectors, *Capital goods* (3.6%), *Durable consumer goods* (3.3%) and *Intermediate goods* (3.1%) showed positive monthly rates. On the other hand, *Energy* (-2.7%) and *Non-durable consumer goods* (-0.3%) showed negative monthly rates.

## Industrial Production Index: General and by economic destination

Adjusted for seasonal and calendar effects. September 2023. Monthly rate (percentage)



A more detailed analysis shows the branches of activity with the highest 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 (%)
Tobacco industry	17.0
Manufacture of pharmaceutical products	12.7
Metallurgy; manufacture of iron, steel and ferro-alloy products	12.4

### 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 garments	-18.6
Supply of electrical energy, gas, steam and air conditioning	-5.1
Manufacture of beverages	-3.2

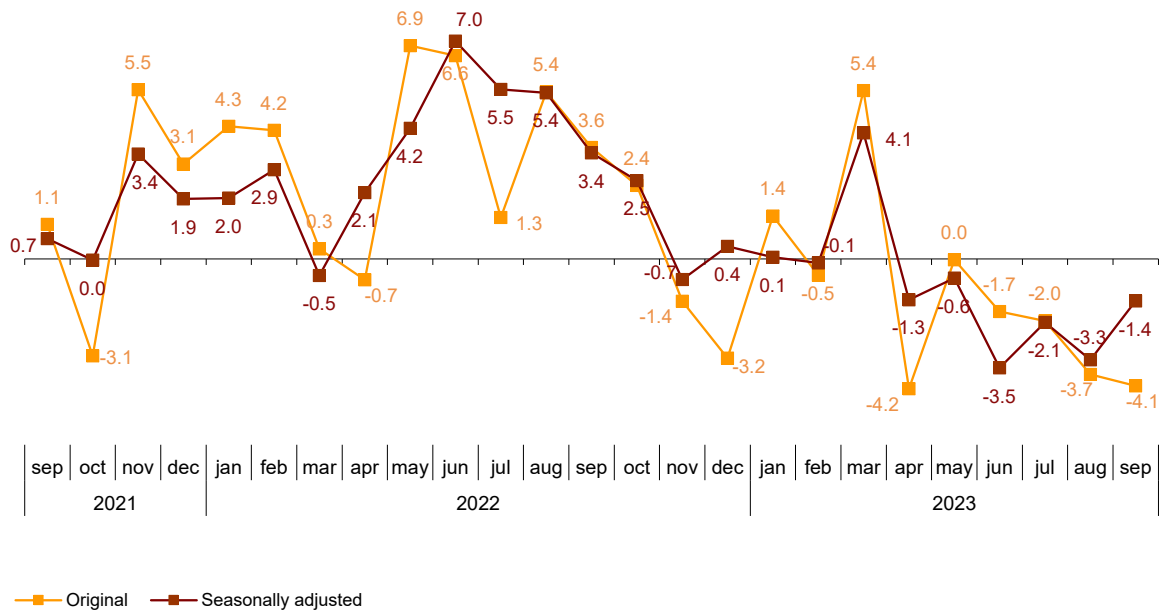
## Annual evolution of industrial production

The Industrial Production Index, adjusted for seasonal and calendar effects, recorded a variation rate of -1.4% in September, as compared to the same month of the previous year. This rate is 1.9 points higher than that registered in August.

The original IPI series experienced an annual variation of -4.1%. This rate is 0.4 points lower than that of August.

### General Industrial Production Index.

Annual rate (percentage)



By sectors, *Capital goods* (4.4%) and *Intermediate goods* (0.7%) showed positive annual rates. On the other hand *Energy* (-9.6%), *Durable consumer goods* (-3.3%) and *Non-durable consumer goods* (-1.8%) showed negative annual rates.

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

	Original index Annual rate (%)	Seasonally adjusted index Annual rate (%)
General Index	-4.1	-1.4
Consumer goods	-6.6	-2.4
- Durable consumer goods	-7.5	-3.3
- Non-durable consumer goods	-6.6	-1.8
Capital goods	1.2	4.4
Intermediate goods	-1.7	0.7
Energy	-10.4	-9.6

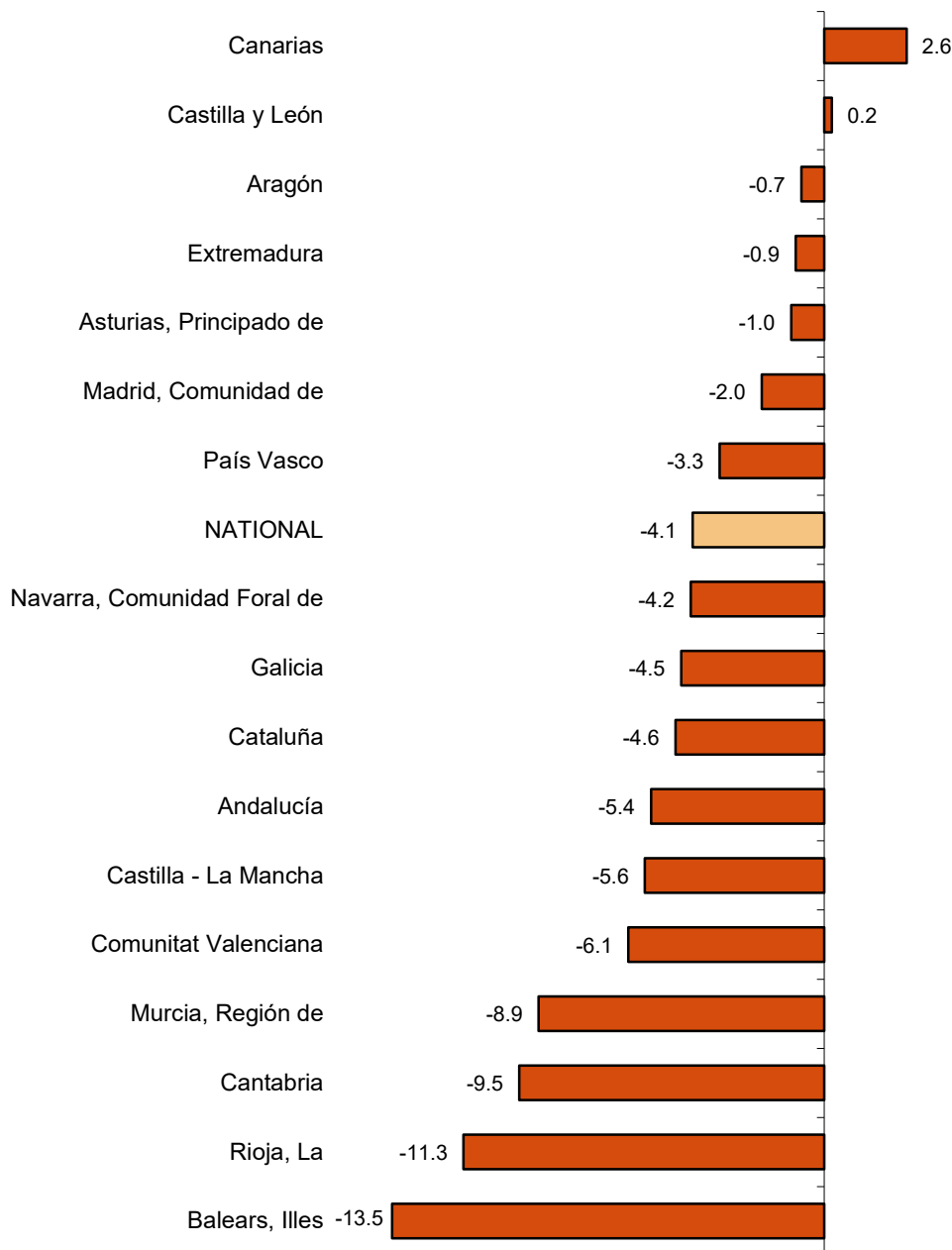
## Results by Autonomous Communities. Annual variation rates of industrial production. Original series

The annual rate of industrial production increased as compared to September 2022 in two Autonomous Communities and decreased in the other 15.

The largest decreases were recorded in Illes Balears (-13.5%), La Rioja (-11.3%) and Cantabria (-9.5%). The largest increases were recorded in Canarias (2.6%) and Castilla y León (0.2%).

### General index: national and by Autonomous Communities

September 2023. 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 further information, the methodology can be accessed at:

<https://www.ine.es/daco/daco43/metoipi15.pdf>

And the standardised methodological report at:

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

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## Industrial Production Index. Base 2015

**September 2023**

Provisional data

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

	Index	Rate (%)		
		Monthly	Annual	Year-to-date average
General Index	104.7	1.1	-1.4	-0.9
Consumer goods	105.7	-0.7	-2.4	-0.1
- Durable consumer goods	104.5	3.3	-3.3	-3.1
- Non-durable consumer goods	106.1	-0.3	-1.8	0.3
Capital goods	116.3	3.6	4.4	5.0
Intermediate goods	106.2	3.1	0.7	-3.1
Energy	92.6	-2.7	-9.6	-5.2

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

	Index	Rate (%)	
		Annual	Year-to-date average
General Index	107.8	-1.2	-0.9
Consumer goods	109.0	-2.7	-0.1
- Durable consumer goods	107.6	-3.3	-2.8
- Non-durable consumer goods	109.1	-2.9	0.1
Capital goods	121.2	4.8	5.3
Intermediate goods	108.8	1.1	-3.0
Energy	91.4	-9.7	-5.3

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

	Index	Rate (%)		Repercussion Annual
		Annual	Year-to-date average	
General Index	106.3	-4.1	-1.0	
Consumer goods	107.0	-6.6	-0.3	-1.784
- Durable consumer goods	105.2	-7.5	-2.9	-0.156
- Non-durable consumer goods	107.1	-6.6	0.0	-1.628
Capital goods	119.0	1.2	5.1	0.277
Intermediate goods	107.3	-1.7	-3.1	-0.512
Energy	91.1	-10.4	-5.3	-2.085

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

	Index	Rate (%)		Repercussion Annual
		Annual	Year-to-date average	
General Index	106.3	-4.1	-1.0	
B. Mining and quarrying industries	129.3	32.9	22.2	0.201
Extraction of anthracite, coal and lignite	..	..	..	..
National crude petroleum and natural gas	..	..	..	..
Extraction of metallic ores	..	..	..	..
Other mining and quarrying	155.6	34.9	23.2	0.206
C. Manufacturing industry	110.0	-2.6	-0.1	-2.155
Food Industry	105.2	-2.9	-2.2	-0.336
Manufacture of beverages.	106.1	-19.9	-1.7	-0.780
Tobacco industry.	..	..	..	..
Textile industry	96.6	-5.6	-6.9	-0.056
Manufacture of garments	89.8	-39.3	-12.5	-0.486
Leather and footwear industry	67.1	-17.5	-9.6	-0.121
Manufacture of wood and of products of wood and cork, except furniture; basketmaking and wickerwork	104.5	-1.7	-16.8	-0.021
Manufacture of paper and paper-products	92.2	-7.6	-8.3	-0.169
Graphic arts and reproduction of recorded media	62.0	-7.4	-8.3	-0.073
Manufacture of coke and refined petroleum products	101.6	3.1	-2.7	0.065
Chemical Industry	107.7	2.7	-4.7	0.160
Manufacture of pharmaceutical products	140.3	2.2	10.4	0.100
Rubber and plastic material transformation industry	110.3	-3.3	-3.6	-0.156
Manufacture of other non-metallic ore products	105.7	-8.4	-7.6	-0.324
Metallurgy; manufacture of iron, steel and ferro-alloy products	92.1	-2.0	-4.3	-0.057
Manufacture of metal products, except machinery and equipment	107.9	-4.9	-1.0	-0.399
Manufacture of computers, electronic and optical products	147.8	7.1	5.9	0.094
Manufacture of electrical material and equipment	138.6	1.7	10.4	0.058
Manufacture of machinery and equipment n.e.c.	137.3	-2.0	0.3	-0.117
Manufacture of motor vehicles, trailers and semi-trailers	106.5	4.2	12.2	0.314
Manufacture of other transport equipment	120.1	4.2	11.5	0.120
Manufacture of furniture.	116.9	-0.8	-2.3	-0.010
Other manufacturing industries	120.5	-6.9	-3.5	-0.089
Repair and installation of machinery and equipment	121.6	3.4	6.9	0.098
D. Supply of electrical energy, gas, steam and air conditioning	86.3	-12.9	-6.6	-1.899
E. Water supply, activities, waste management and decontamination*	111.8	-8.0	-0.7	-0.251

\* It only includes Water collection, treatment and supply

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

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

	Index	Rate (%)	
		Annual	Year-to-date average
National	106.3	-4.1	-1.0
Andalucía	100.5	-5.4	-3.7
Aragón	110.9	-0.7	0.7
Asturias, Principado de	98.7	-1.0	-5.5
Balears, Illes	90.6	-13.5	-3.1
Canarias	99.6	2.6	5.5
Cantabria	101.6	-9.5	-5.0
Castilla y León	93.2	0.2	3.0
Castilla-La Mancha	105.9	-5.6	1.2
Cataluña	103.0	-4.6	-0.7
Comunitat Valenciana	109.6	-6.1	-3.0
Extremadura	119.0	-0.9	-0.2
Galicia	102.2	-4.5	1.6
Madrid, Comunidad de	118.8	-2.0	3.5
Murcia, Región de	112.4	-8.9	-10.0
Navarra, Comunidad Foral de	119.5	-4.2	-3.3
País Vasco	109.1	-3.3	-2.7
Rioja, La	81.6	-11.3	-5.4

More detailed information by Autonomous Community may be obtained at:

Andalucía	<a href="http://juntadeandalucia.es">Andalucía Institute of Statistics and Cartography (juntadeandalucia.es)</a>
Aragón	<a href="http://iaest.gob.es">Aragón Institute of Statistics (IAEST). Government of Aragón</a>
Principado de Asturias	<a href="http://sadei.es">Home - Asturian Society for Economic and Industrial Studies (sadei.es)</a>
Illes Balears	<a href="http://caib.es">IBESTAT Home (caib.es)</a>
Canarias	<a href="http://istac.gob.es">Home ISTAC - Government of Canarias</a>
Cantabria	<a href="http://icane.es">Cantabrian Institute of Statistics - ICANE</a>
Castilla y León	<a href="http://jcy.es">Statistics   Statistics   Council of Castilla y León (jcy.es)</a>
Castilla - La Mancha	<a href="http://jccm.es">Start: Statistics Service of Castilla-La Mancha (jccm.es)</a>
Cataluña	<a href="http://idescat.cat">Idescat. Statistics Institute of Cataluña</a>
Comunitat Valenciana	<a href="http://gva.es">Home - Statistical Portal of the Generalitat Valenciana - Generalitat Valenciana (gva.es)</a>
Extremadura	<a href="http://ieex.es">IEEX - JUNTAEX</a>
Galicia	<a href="http://ige.es">IGE - Galician Institute of Statistics</a>
Comunidad de Madrid	<a href="http://estadistica.madrid.es">Statistical Portal. Comunidad de Madrid</a>
Región de Murcia	<a href="http://crem.es">Statistical Portal of the Región de Murcia - CREM (carm.es)</a>
La Rioja	<a href="http://estadistica.rioja.es">Statistics - La Rioja Government Portal</a>