

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

The monthly variation of the Industrial Production Index was -0.5%, after adjusting for seasonal and calendar effects

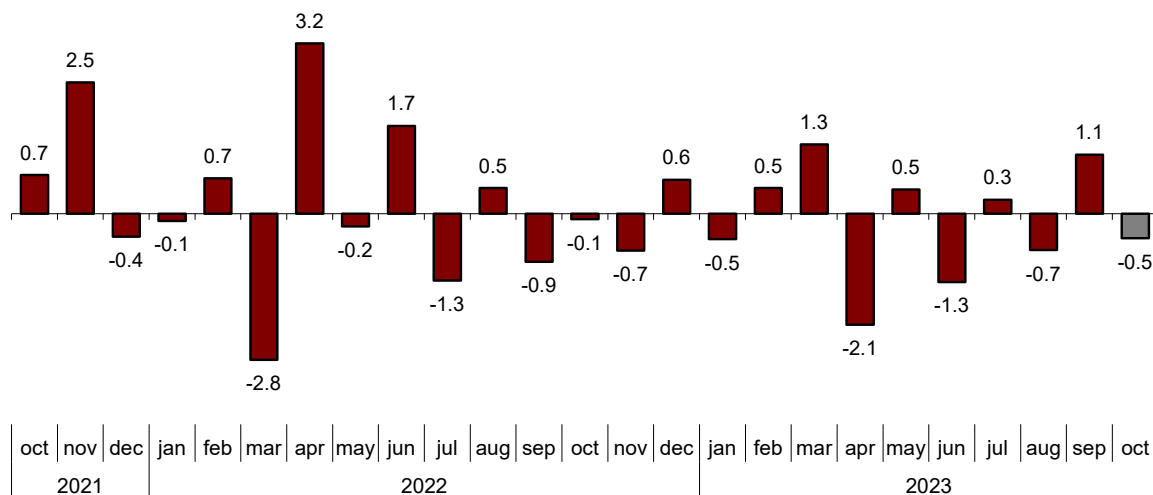
The annual rate of the Industrial Production Index was -1.5% in the series adjusted for seasonal and calendar effects and 0.9% in the original series

Monthly evolution of industrial production

After adjusting for seasonal and calendar effects, the monthly variation of the Industrial Production Index (IPI) between October and September is of -0.5%. This rate is 1.6 points lower than that observed in September.

General Industrial Production Index

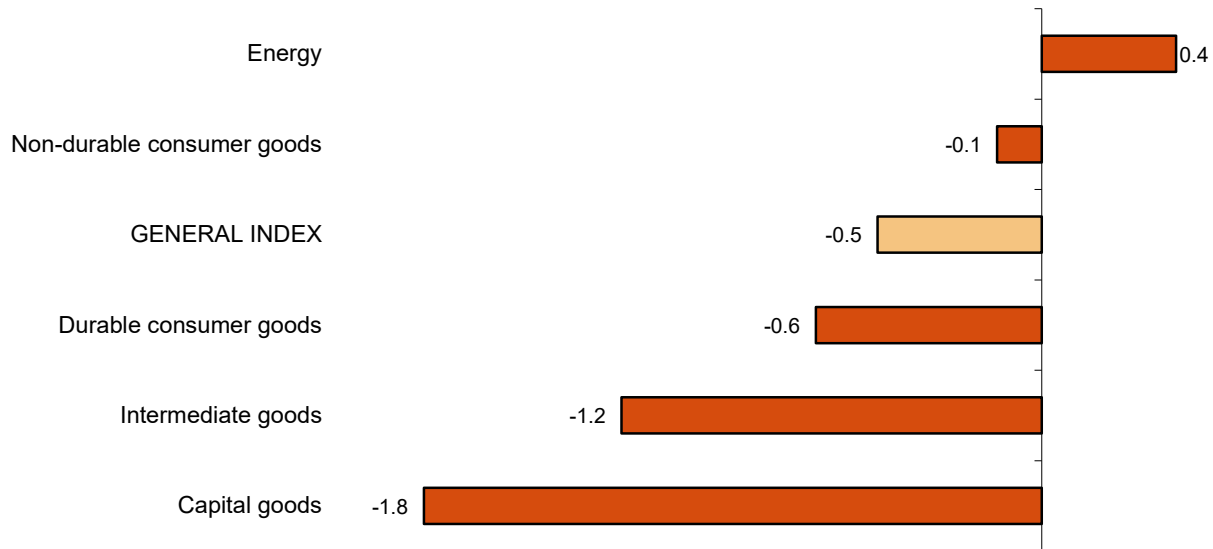
Adjusted for seasonal and calendar effects. Monthly rate (percentage)



Four of the five sectors showed negative monthly rates. It is worth highlighting the decrease in *Capital goods* (−1.8%) followed by *Intermediate goods* (−1.2%). The only sector that increased was *Energy* (0.4%).

Industrial Production Index: General and by economic destination

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



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

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 garments	32.3
Leather and footwear industry	1.6
Manufacture of motor vehicles, trailers and semi-trailers	1.4

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 (%)
Extraction of anthracite, coal and lignite	-19.8
Other mining and quarrying	-12.1
Graphic arts and reproduction of recorded media	-6.9

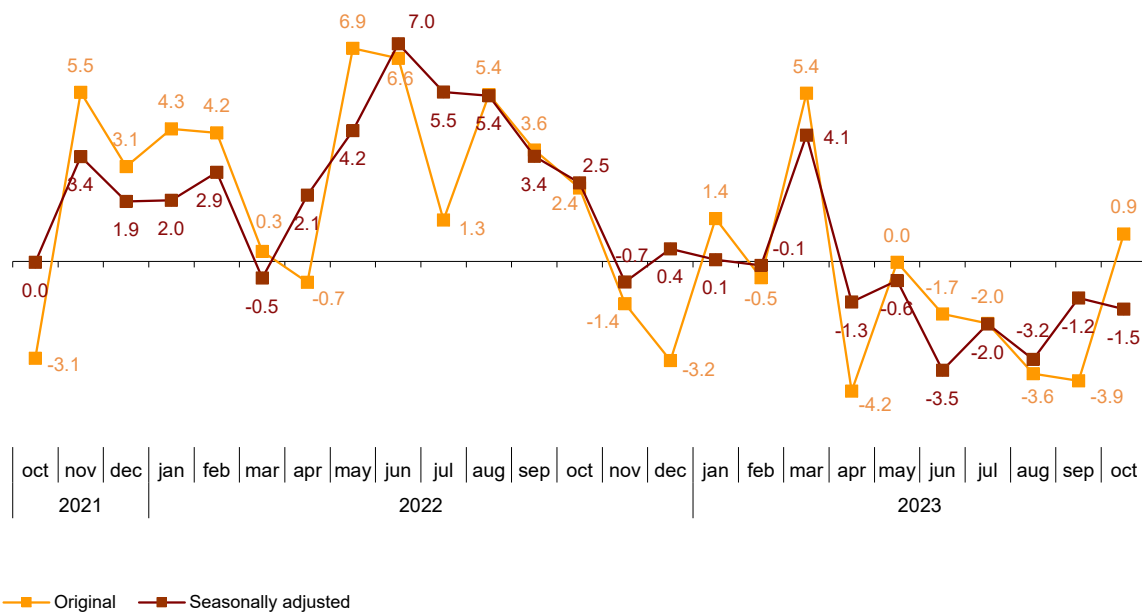
Annual evolution of industrial production

The Industrial Production Index, adjusted for seasonal and calendar effects, recorded a variation rate of -1.5% in October, as compared to the same month of the previous year. This rate is 0.3 points lower than that registered in September.

The original IPI series experienced an annual variation of 0.9%. This rate is 4.8 points higher than that of September.

General Industrial Production Index.

Annual rate (percentage)



Four of the five sectors showed negative annual rates. It is worth highlighting the decrease in *Energy* (-6.3%) followed by *Intermediate goods* (-1.7%). The only sector that increased was *Capital goods* (2.8%).

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

	Original index Annual rate (%)	Seasonally adjusted index Annual rate (%)
General Index	0.9	-1.5
Consumer goods	1.8	-1.0
- Durable consumer goods	2.0	-1.3
- Non-durable consumer goods	1.8	-0.9
Capital goods	5.6	2.8
Intermediate goods	0.6	-1.7
Energy	-5.7	-6.3

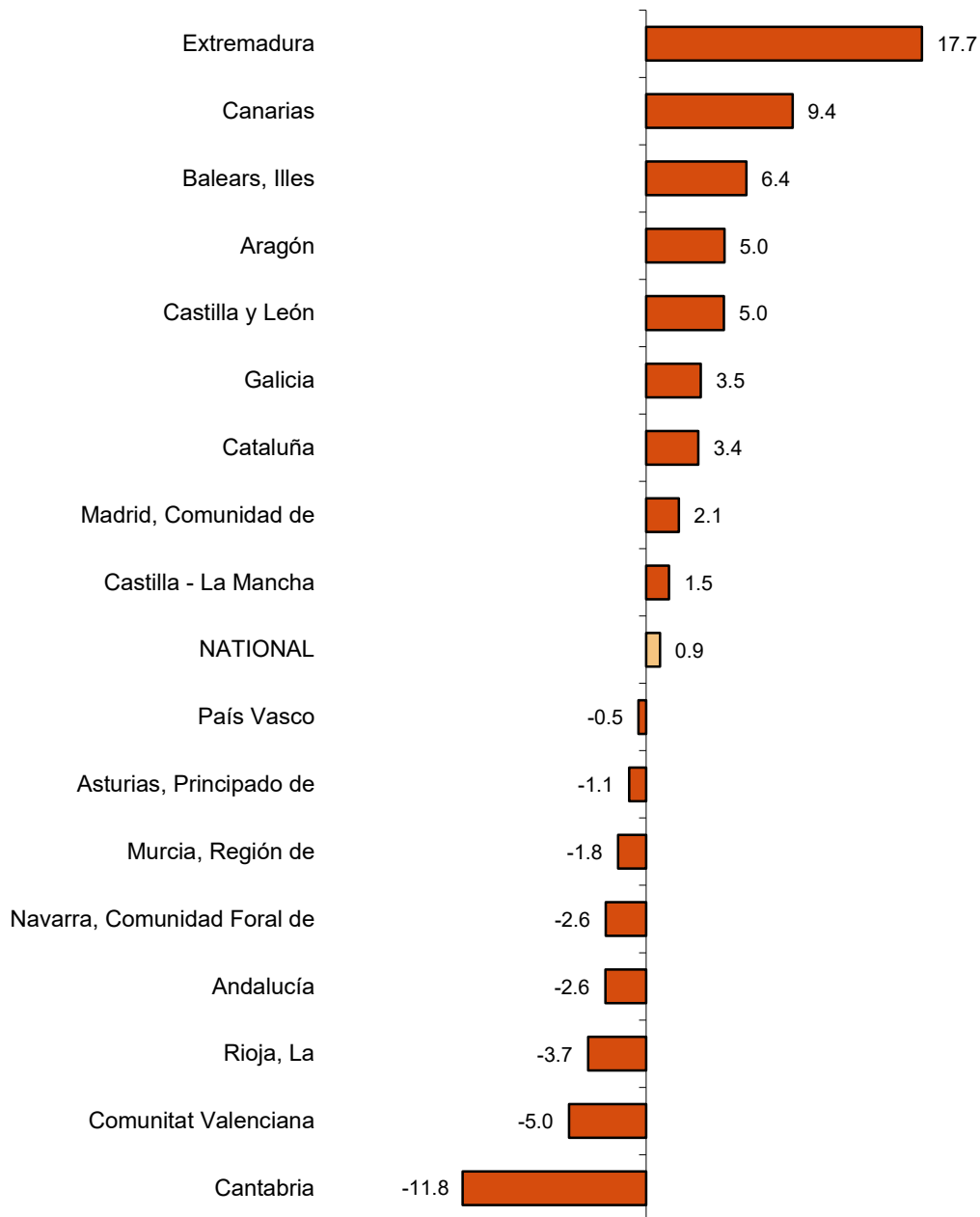
Results by Autonomous Communities. Annual variation rates of industrial production. Original series

The annual rate of industrial production increased as compared to October 2022 in nine Autonomous Communities and decreased in the other nine.

The largest increases were recorded in Extremadura (17.7%), Canarias (9.4%) and Illes Balears (6.4%). The largest decreases were recorded in Cantabria (-11.8%), Comunitat Valenciana (-5.0%) and La Rioja (-3.7%).

General index: national and by Autonomous Communities

October 2023. Annual rate (percentage)



Data reviews and updates

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>

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.

For further information see **INEbase:** www.ine.es/en/Twitter: **@es_ine**

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Industrial Production Index. Base 2015

October 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	104.3	-0.5	-1.5	-1.0
Consumer goods	106.7	-0.3	-1.0	0.0
- Durable consumer goods	104.9	-0.6	-1.3	-2.6
- Non-durable consumer goods	107.1	-0.1	-0.9	0.4
Capital goods	114.2	-1.8	2.8	4.8
Intermediate goods	104.1	-1.2	-1.7	-3.1
Energy	92.8	0.4	-6.3	-5.3

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

	Index	Rate (%)	
		Annual	Year-to-date average
General Index	108.8	-1.5	-0.9
Consumer goods	113.8	-1.2	0.0
- Durable consumer goods	112.2	-1.7	-2.5
- Non-durable consumer goods	113.8	-0.9	0.2
Capital goods	121.5	2.5	5.0
Intermediate goods	109.1	-1.6	-3.0
Energy	89.7	-6.4	-5.4

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

	Index	Rate (%)		Repercussion Annual
		Annual	Year-to-date average	
General Index	107.6	0.9	-0.8	
Consumer goods	112.0	1.8	0.2	0.484
- Durable consumer goods	110.0	2.0	-2.3	0.040
- Non-durable consumer goods	112.2	1.8	0.4	0.444
Capital goods	119.7	5.6	5.3	1.331
Intermediate goods	107.8	0.6	-2.8	0.181
Energy	89.5	-5.7	-5.3	-1.112

**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	107.6	0.9	-0.8	
B. Mining and quarrying industries	113.6	-18.4	16.0	-0.167
Extraction of anthracite, coal and lignite	..	..	..	..
National crude petroleum and natural gas	..	..	..	..
Extraction of metallic ores	..	..	..	..
Other mining and quarrying	136.0	-18.5	16.8	-0.164
C. Manufacturing industry	112.0	2.8	0.3	2.286
Food Industry	107.3	3.8	-1.7	0.437
Manufacture of beverages.	113.4	-2.9	-0.3	-0.106
Tobacco industry.	..	..	..	..
Textile industry	92.7	-0.7	-6.4	-0.007
Manufacture of garments	109.4	-9.3	-12.3	-0.098
Leather and footwear industry	69.3	-5.3	-9.2	-0.034
Manufacture of wood and of products of wood and cork, except furniture; basketmaking and wickerwork	114.7	8.6	-15.0	0.106
Manufacture of paper and paper-products	96.6	-0.8	-7.6	-0.017
Graphic arts and reproduction of recorded media	67.7	-18.4	-9.5	-0.234
Manufacture of coke and refined petroleum products	96.7	6.0	-1.9	0.123
Chemical Industry	109.7	8.1	-3.6	0.478
Manufacture of pharmaceutical products	150.5	2.9	9.7	0.145
Rubber and plastic material transformation industry	111.5	1.6	-3.2	0.073
Manufacture of other non-metallic ore products	106.7	-10.7	-8.2	-0.447
Metallurgy; manufacture of iron, steel and ferro-alloy products	93.8	2.8	-3.6	0.082
Manufacture of metal products, except machinery and equipment	110.2	-1.4	-1.1	-0.115
Manufacture of computers, electronic and optical products	128.1	8.1	5.9	0.095
Manufacture of electrical material and equipment	133.9	7.9	10.1	0.258
Manufacture of machinery and equipment n.e.c.	134.9	3.5	0.6	0.196
Manufacture of motor vehicles, trailers and semi-trailers	108.3	13.1	12.4	0.958
Manufacture of other transport equipment	121.0	10.7	11.9	0.301
Manufacture of furniture.	117.3	0.4	-2.0	0.006
Other manufacturing industries	134.0	2.4	-2.8	0.032
Repair and installation of machinery and equipment	123.7	0.9	6.4	0.028
D. Supply of electrical energy, gas, steam and air conditioning	86.7	-8.4	-6.7	-1.233
E. Water supply, activities, waste management and decontamination*	101.4	0.0	-0.6	-0.001

* 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	107.6	0.9	-0.8
Andalucía	100.3	-2.6	-3.7
Aragón	110.0	5.0	1.0
Asturias, Principado de	101.5	-1.1	-5.0
Balears, Illes	94.2	6.4	-2.2
Canarias	103.2	9.4	5.9
Cantabria	106.2	-11.8	-5.7
Castilla y León	94.7	5.0	3.3
Castilla-La Mancha	112.9	1.5	1.7
Cataluña	109.0	3.4	-0.3
Comunitat Valenciana	104.9	-5.0	-3.1
Extremadura	101.6	17.7	1.3
Galicia	108.7	3.5	1.7
Madrid, Comunidad de	115.9	2.1	3.4
Murcia, Región de	112.9	-1.8	-9.1
Navarra, Comunidad Foral de	114.6	-2.6	-3.3
País Vasco	110.4	-0.5	-2.3
Rioja, La	87.3	-3.7	-5.0

More detailed information by Autonomous Community may be obtained at:

Andalucía	Andalucía Institute of Statistics and Cartography (juntadeandalucia.es)
Aragón	Aragón Institute of Statistics (IAEST). Government of Aragón
Principado de Asturias	Home - Asturian Society for Economic and Industrial Studies (sadei.es)
Illes Balears	IBESTAT|Home (caib.es)
Canarias	Home ISTAC - Government of Canarias
Cantabria	Cantabrian Institute of Statistics - ICANE
Castilla y León	Statistics | Statistics | Council of Castilla y León (icyle.es)
Castilla - La Mancha	Start: Statistics Service of Castilla-La Mancha (jccm.es)
Cataluña	Idescat. Statistics Institute of Cataluña
Comunitat Valenciana	Home - Statistical Portal of the Generalitat Valenciana - Generalitat Valenciana (gva.es)
Extremadura	IEEX - JUNTAEX
Galicia	IGE - Galician Institute of Statistics
Comunidad de Madrid	Statistical Portal. Comunidad de Madrid
Región de Murcia	Statistical Portal of the Región de Murcia - CREM (carm.es)
La Rioja	Statistics - La Rioja Government Portal