

Industrial Production Indices (IPI). Base 2015
January 2023. Provisional data

The monthly variation of the Industrial Production Index stands at -0.9%, after adjusting for seasonal and calendar effects

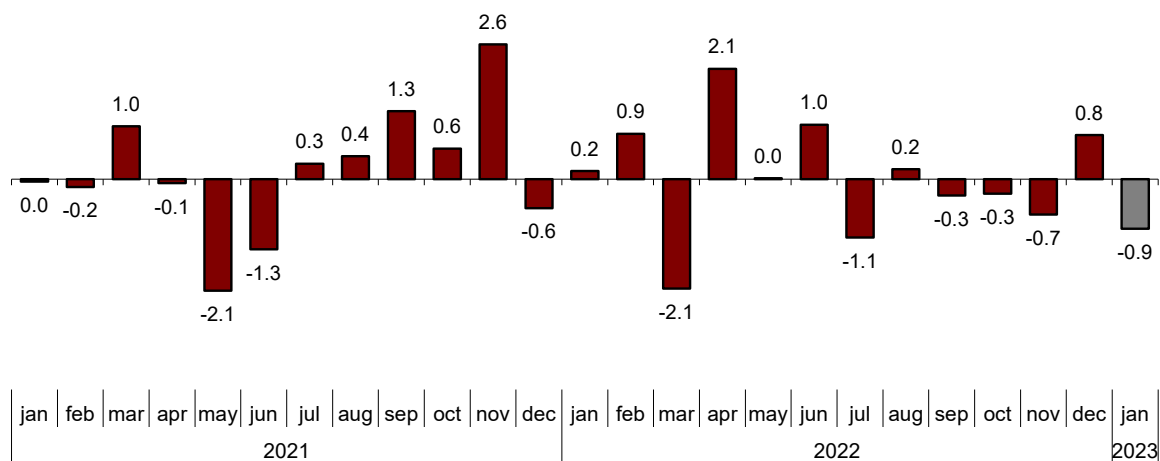
The annual rate of the Industrial Production Index stands at -0.4% in the series adjusted for seasonal and calendar effects and at 1.2% in the original series

Monthly evolution of industrial production

The monthly variation of the Industrial Production Index (IPI) between the months of January and December, after adjusting for seasonal and calendar effects, was -0.9%. This rate is 1.7 points lower than that observed in December.

General Industrial Production Index

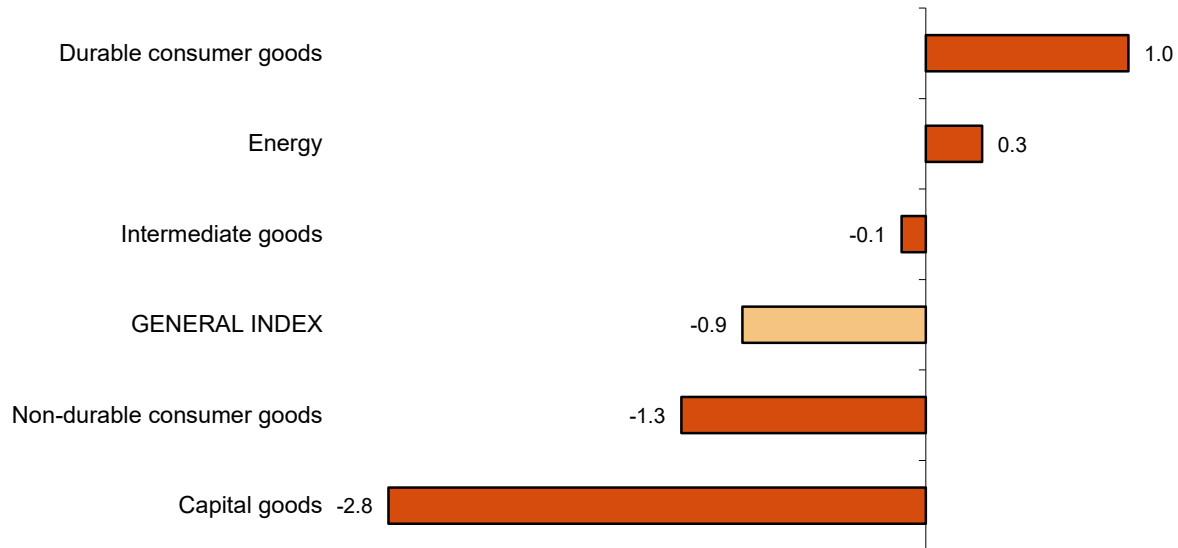
Adjusted for seasonal and calendar effects. Monthly rate (percentage)



By sectors, *Durable consumer goods* (1.0%) and *Energy* (0.3%) showed positive monthly rates. On the other hand *Capital goods* (-2.8%), *Non-durable consumer goods* (-1.3%) and *Intermediate goods* (-0.9%) showed negative monthly rates.

Industrial Production Indices: General and by economic destination

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



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

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 (%)
Metallurgy; manufacture of iron, steel and ferro-alloy products	4.6
Textile industry	3.9
Supply of electrical energy, gas, steam and air conditioning	2.6

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 (%)
Other mining and quarrying	-32.6
Tobacco industry	-15.3
Extraction of anthracite, coal and lignite	-10.3

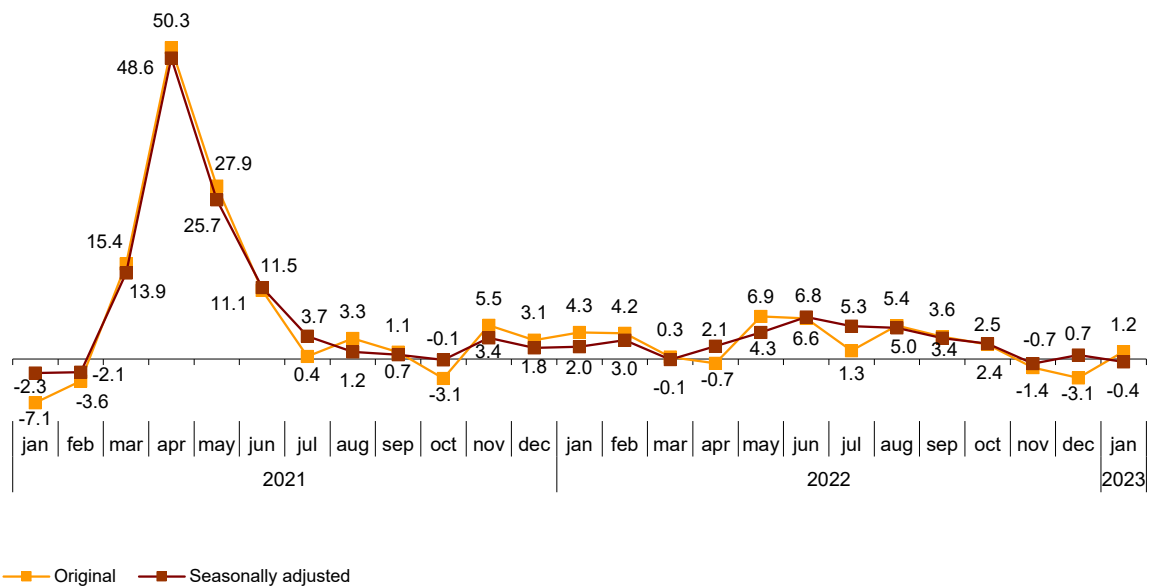
Annual evolution of industrial production

The Industrial Production Index, adjusted for seasonal and calendar effects, recorded a variation rate of -0.4% in January, as compared to the same month of the previous year. This rate is 1.1 points lower than that observed in December.

The original IPI series experienced an annual variation of 1.2%. This rate is 4.3 points higher than that of December.

General Industrial Production Index

Annual rate (percentage)



By sectors, *Durable consumer goods* (7.3%), *Capital goods* (6.4%) and *Non-durable consumer goods* (1.7%) showed positive annual rates. On the other hand, *Intermediate goods* (-4.1%) and *Energy* (-3.8%) showed negative annual rates.

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	1.2	-0.4
Consumer goods	3.8	1.8
- Durable consumer goods	11.8	7.3
- Non-durable consumer goods	3.2	1.7
Capital goods	8.6	6.4
Intermediate goods	-2.5	-4.1
Energy	-3.4	-3.8

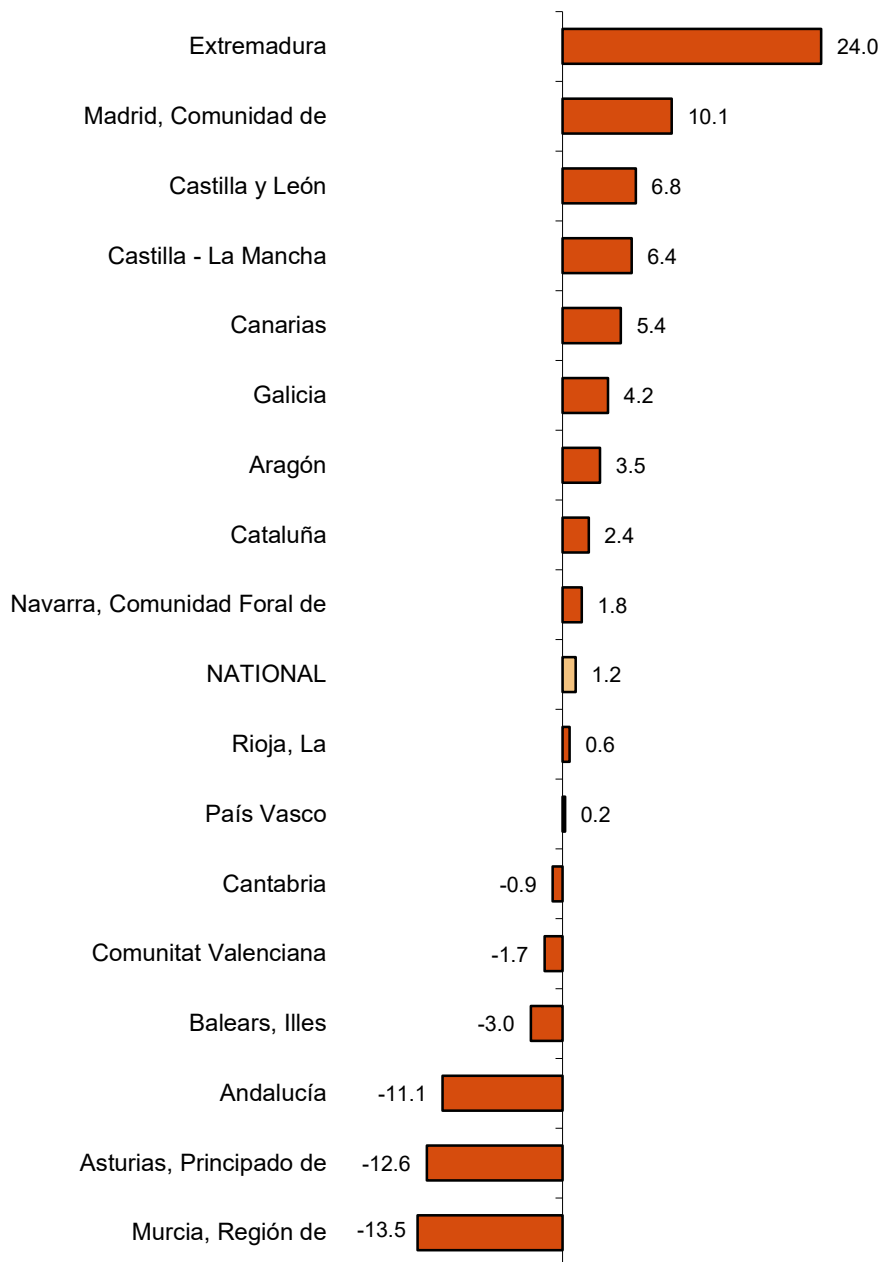
Results by Autonomous Communities. Annual variation rates of industrial production. Original series

The annual rate of industrial production increased as compared to January 2022 in 11 Autonomous Communities and decreased in the other six.

The largest increases were recorded in Extremadura (24.0%), Comunidad de Madrid (10.1%) and Castilla y León (6.8%). The largest decreases were recorded in Región de Murcia (-13.5%), Principado de Asturias (-12.6%) and Andalucía (-11.1%).

General indices: national and by Autonomous Communities

January 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 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

January 2023

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	104.9	-0.9	-0.4	-0.4
Consumer goods	107.0	-2.4	1.8	1.8
- Durable consumer goods	114.3	1.0	7.3	7.3
- Non-durable consumer goods	106.6	-1.3	1.7	1.7
Capital goods	111.3	-2.8	6.4	6.4
Intermediate goods	104.9	-0.1	-4.1	-4.1
Energy	95.1	0.3	-3.8	-3.8

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

	Index	Rate (%)	
		Annual	Year-to-date average
General Index	100.8	-0.7	-0.7
Consumer goods	99.9	1.3	1.3
- Durable consumer goods	102.5	8.6	8.6
- Non-durable consumer goods	99.7	0.5	0.5
Capital goods	101.7	6.0	6.0
Intermediate goods	100.4	-4.3	-4.3
Energy	101.5	-4.0	-4.0

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

	Index	Rate (%)		Repercussion Annual
		Annual	Year-to-date average	
General Index	101.0	1.2	1.2	
Consumer goods	100.2	3.8	3.8	0.953
- Durable consumer goods	102.6	11.8	11.8	0.218
- Non-durable consumer goods	100.0	3.2	3.2	0.735
Capital goods	101.9	8.6	8.6	1.802
Intermediate goods	100.6	-2.5	-2.5	-0.760
Energy	101.6	-3.4	-3.4	-0.791

**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	101.0	1.2	1.2	
B. Mining and quarrying industries	66.7	-11.3	-11.3	-0.059
Extraction of anthracite, coal and lignite	..	..	..	..
National crude petroleum and natural gas	..	..	..	..
Extraction of metallic ores	..	..	..	..
Other mining and quarrying	78.2	-12.0	-12.0	-0.061
C. Manufacturing industry	101.1	2.6	2.6	2.019
Food Industry	98.4	-4.1	-4.1	-0.504
Manufacture of beverages.	92.2	8.7	8.7	0.244
Tobacco industry.	..	..	..	..
Textile industry	99.3	0.1	0.1	0.001
Manufacture of garments	105.5	0.5	0.5	0.005
Leather and footwear industry	76.5	13.6	13.6	0.086
Manufacture of wood and of products of wood and cork, except furniture; basketmaking and wickerwork	91.9	-25.4	-25.4	-0.389
Manufacture of paper and paper-products	98.3	-3.4	-3.4	-0.086
Graphic arts and reproduction of recorded media	60.5	-2.5	-2.5	-0.025
Manufacture of coke and refined petroleum products	102.2	-1.4	-1.4	-0.035
Chemical Industry	100.0	-10.6	-10.6	-0.737
Manufacture of pharmaceutical products	130.0	19.7	19.7	0.781
Rubber and plastic material transformation industry	108.9	-1.5	-1.5	-0.074
Manufacture of other non-metallic ore products	96.7	-5.4	-5.4	-0.203
Metallurgy; manufacture of iron, steel and ferro-alloy products	87.5	-6.5	-6.5	-0.210
Manufacture of metal products, except machinery and equipment	107.4	9.2	9.2	0.710
Manufacture of computers, electronic and optical products	109.5	-1.1	-1.1	-0.013
Manufacture of electrical material and equipment	120.3	25.7	25.7	0.692
Manufacture of machinery and equipment n.e.c.	117.7	16.3	16.3	0.758
Manufacture of motor vehicles, trailers and semi-trailers	89.9	4.8	4.8	0.337
Manufacture of other transport equipment	92.7	15.8	15.8	0.346
Manufacture of furniture.	105.0	12.7	12.7	0.151
Other manufacturing industries	107.6	4.5	4.5	0.051
Repair and installation of machinery and equipment	107.9	4.9	4.9	0.138
D. Supply of electrical energy, gas, steam and air conditioning	104.2	-4.3	-4.3	-0.782
E. Water supply, activities, waste management and decontamination*	87.6	1.0	1.0	0.026

* 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	101.0	1.2	1.2
Andalucía	88.1	-11.1	-11.1
Aragón	102.4	3.5	3.5
Asturias, Principado de	93.1	-12.6	-12.6
Balears, Illes	75.3	-3.0	-3.0
Canarias	92.8	5.4	5.4
Cantabria	106.1	-0.9	-0.9
Castilla y León	94.1	6.8	6.8
Castilla-La Mancha	101.5	6.4	6.4
Cataluña	99.1	2.4	2.4
Comunitat Valenciana	101.2	-1.7	-1.7
Extremadura	113.9	24.0	24.0
Galicia	106.2	4.2	4.2
Madrid, Comunidad de	114.1	10.1	10.1
Murcia, Región de	99.9	-13.5	-13.5
Navarra, Comunidad Foral de	111.4	1.8	1.8
País Vasco	103.4	0.2	0.2
Rioja, La	84.6	0.6	0.6

More detailed information by Autonomous Community may be obtained at:

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