

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

The monthly variation of the Industrial Production Index stands at 0.6%, after adjusting for seasonal and calendar effects

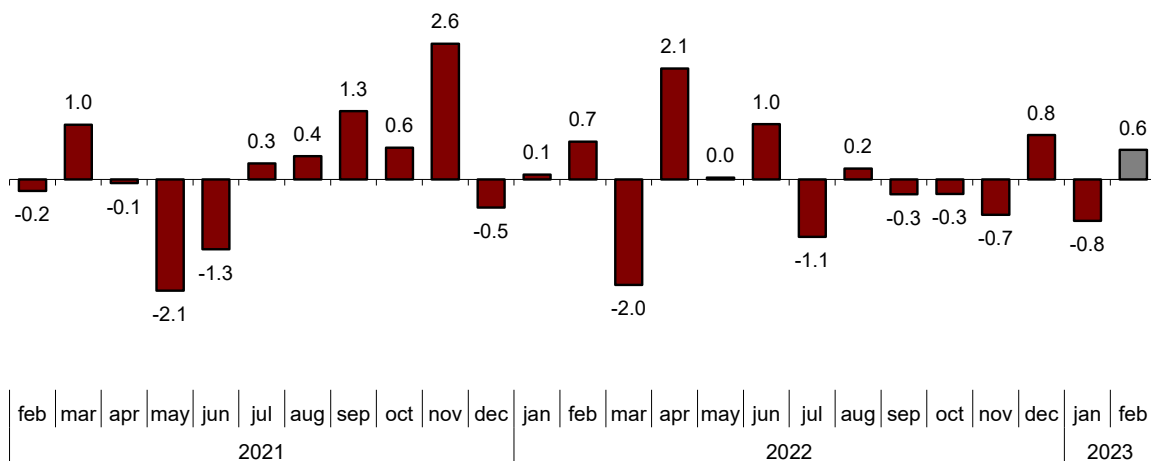
The annual rate of the Industrial Production Index stands at -0.4% in the series adjusted for seasonal and calendar effects and at -0.8% in the original series

Monthly evolution of industrial production

The monthly variation of the Industrial Production Index (IPI) between the months of February and January, after adjusting for seasonal and calendar effects, was 0.6%. This rate is 1.4 points higher than that observed in January.

General Industrial Production Index

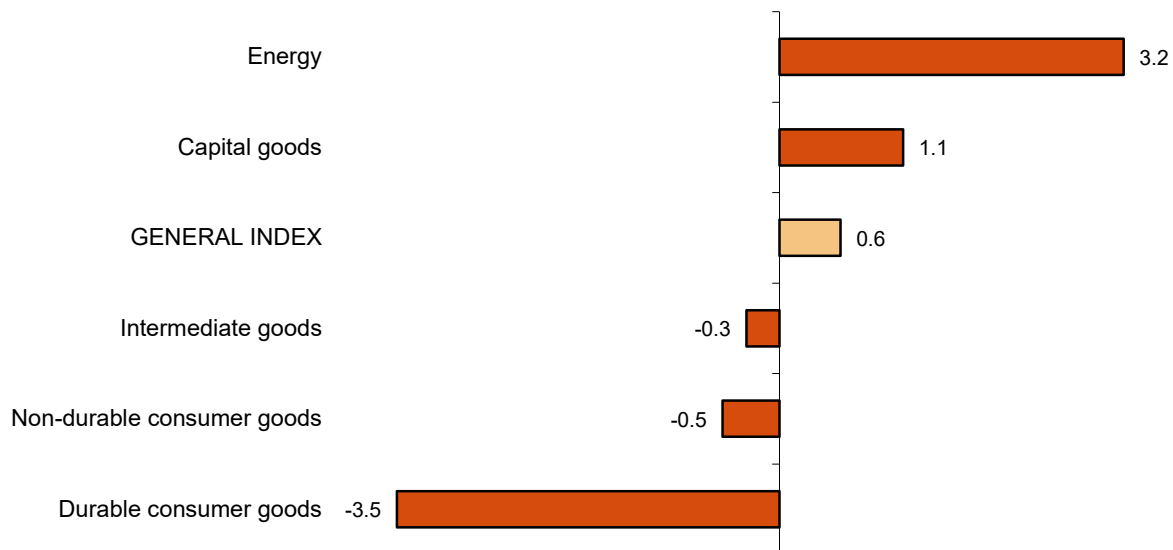
Adjusted for seasonal and calendar effects. Monthly rate (percentage)



By sectors *Energy* (3.2%) and *Capital goods* (1.1%) showed positive monthly rates. On the other hand *Durable consumer goods* (-3.5%), *Non-durable consumer goods* (-0.5%) and *Intermediate goods* (-0.3%) showed negative monthly rates.

Industrial Production Indices: General and by economic destination

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



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

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	20.8
Other mining and quarrying	12.2
Extraction of anthracite, coal and lignite	9.8

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

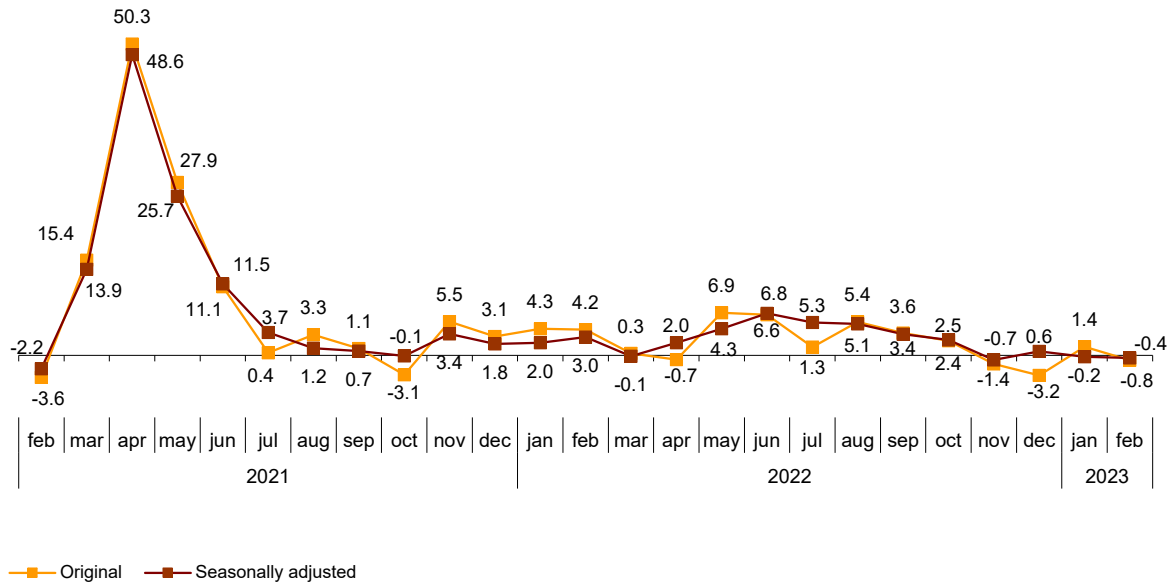
Activity (Division from CNAE 2009)	Monthly rate (%)
Manufacture of furniture	-4.2
Manufacture of pharmaceutical products	-4.2
Graphic arts and reproduction of recorded media	-4.1

Annual evolution of industrial production

The Industrial Production Index, adjusted for seasonal and calendar effects, recorded a variation rate of -0.4% in February, as compared to the same month of the previous year. This rate is 0.2 points lower than that observed in January.

The original IPI series experienced an annual variation of -0.8%. This rate is 2.2 points lower than that of January.

General Industrial Production Index Annual rate (percentage)



By sectors, *Capital goods* (5.7%), *Energy* (0.7%) and *Non-durable consumer goods* (0.0%) showed positive annual rates. On the other hand, *Intermediate goods* (-5.8%) and *Durable consumer goods* (-1.4%) 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	-0.8	-0.4
Consumer goods	-1.0	-0.6
- Durable consumer goods	-1.7	-1.4
- Non-durable consumer goods	-0.9	0.0
Capital goods	5.5	5.7
Intermediate goods	-5.9	-5.8
Energy	0.6	0.7

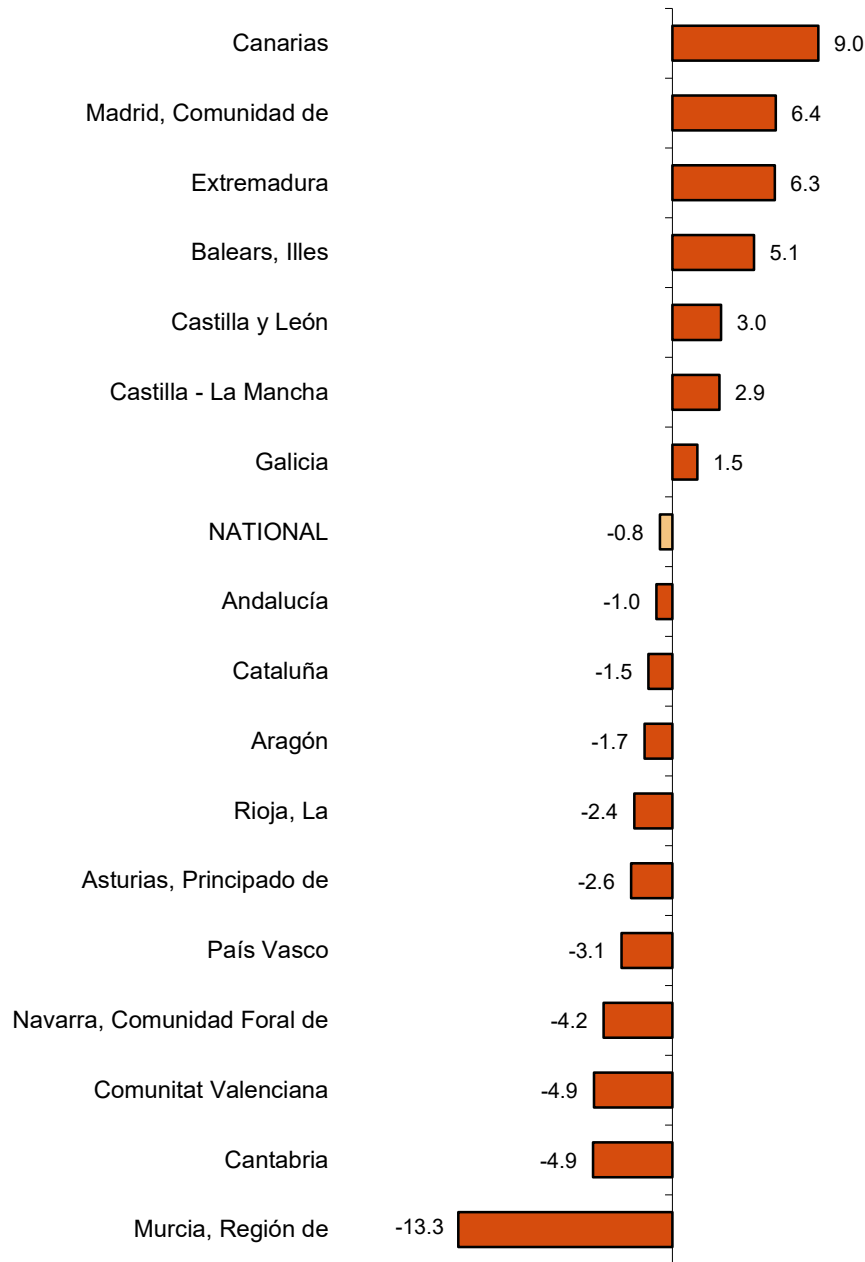
Results by Autonomous Communities. Annual variation rates of industrial production. Original series

The annual rate of industrial production increased as compared to February 2022 in seven Autonomous Communities and decreased in the other ten.

The largest increases were recorded in Región de Murcia (-13.3%), Cantabria (-4.9%) and Comunitat Valenciana (-4.9%). The largest increases were recorded in Canarias (9.0%), La Rioja (6.4%) and Andalucía (6.3%).

General indices: national and by Autonomous Communities

February 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 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

February 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	105.8	0.6	-0.4	-0.3
Consumer goods	106.9	-0.7	-0.6	1.1
- Durable consumer goods	108.9	-3.5	-1.4	2.2
- Non-durable consumer goods	106.3	-0.5	0.0	1.1
Capital goods	111.7	1.1	5.7	5.6
Intermediate goods	104.5	-0.3	-5.8	-5.0
Energy	98.1	3.2	0.7	-1.6

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

	Index	Rate (%)	
		Annual	Year-to-date average
General Index	104.4	-0.7	-0.6
Consumer goods	103.2	-0.9	0.9
- Durable consumer goods	108.1	-1.7	2.5
- Non-durable consumer goods	102.2	-0.9	0.7
Capital goods	114.0	5.6	5.3
Intermediate goods	105.7	-5.8	-5.1
Energy	93.5	0.6	-1.9

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

	Index	Rate (%)		Repercussion Annual
		Annual	Year-to-date average	
General Index	103.4	-0.8	0.3	
Consumer goods	102.3	-1.0	2.1	-0.248
- Durable consumer goods	107.7	-1.7	3.8	-0.037
- Non-durable consumer goods	101.9	-0.9	2.0	-0.212
Capital goods	112.6	5.5	6.5	1.262
Intermediate goods	105.5	-5.9	-4.2	-1.894
Energy	92.6	0.6	-1.6	0.116

**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	103.4	-0.8	0.3	
B. Mining and quarrying industries	84.0	9.1	-0.9	0.047
Extraction of anthracite, coal and lignite	..	..	..	..
National crude petroleum and natural gas	..	..	..	..
Extraction of metallic ores	..	..	..	..
Other mining and quarrying	99.6	9.6	-1.1	0.047
C. Manufacturing industry	106.1	-1.2	0.7	-0.963
Food Industry	97.3	-1.7	-2.9	-0.193
Manufacture of beverages.	90.1	2.5	7.0	0.069
Tobacco industry.	..	..	..	..
Textile industry	98.4	-7.3	-4.2	-0.081
Manufacture of garments	115.8	-9.1	-4.9	-0.103
Leather and footwear industry	80.5	-5.3	2.2	-0.041
Manufacture of wood and of products of wood and cork, except furniture; basketmaking and wickerwork	96.7	-28.5	-26.9	-0.461
Manufacture of paper and paper-products	95.3	-5.8	-5.3	-0.139
Graphic arts and reproduction of recorded media	61.5	-12.7	-8.0	-0.141
Manufacture of coke and refined petroleum products	90.2	-1.7	-1.5	-0.035
Chemical Industry	104.5	-9.0	-9.8	-0.609
Manufacture of pharmaceutical products	139.5	3.5	14.8	0.163
Rubber and plastic material transformation industry	112.1	-5.1	-3.2	-0.261
Manufacture of other non-metallic ore products	105.5	-10.7	-8.1	-0.452
Metallurgy; manufacture of iron, steel and ferro-alloy products	95.4	-4.9	-5.1	-0.160
Manufacture of metal products, except machinery and equipment	111.0	-1.3	2.6	-0.108
Manufacture of computers, electronic and optical products	115.3	-6.4	-4.0	-0.080
Manufacture of electrical material and equipment	127.4	8.1	15.8	0.256
Manufacture of machinery and equipment n.e.c.	124.2	-1.2	6.2	-0.066
Manufacture of motor vehicles, trailers and semi-trailers	102.1	16.5	10.7	1.131
Manufacture of other transport equipment	115.0	9.2	11.6	0.255
Manufacture of furniture.	110.1	-1.8	3.5	-0.024
Other manufacturing industries	111.9	-7.1	-1.7	-0.091
Repair and installation of machinery and equipment	121.0	6.3	5.9	0.187
D. Supply of electrical energy, gas, steam and air conditioning	94.2	-0.1	-2.4	-0.012
E. Water supply, activities, waste management and decontamination*	86.8	7.4	4.0	0.163

* 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	103.4	-0.8	0.3
Andalucía	90.8	-1.0	-6.8
Aragón	105.6	-1.7	0.6
Asturias, Principado de	100.4	-2.6	-7.0
Balears, Illes	81.7	5.1	0.9
Canarias	91.7	9.0	7.5
Cantabria	112.6	-4.9	-2.8
Castilla y León	92.5	3.0	5.3
Castilla-La Mancha	101.5	2.9	5.2
Cataluña	104.4	-1.5	1.2
Comunitat Valenciana	105.2	-4.9	-4.4
Extremadura	104.3	6.3	10.5
Galicia	101.7	1.5	4.2
Madrid, Comunidad de	116.0	6.4	8.6
Murcia, Región de	104.1	-13.3	-14.3
Navarra, Comunidad Foral de	113.0	-4.2	-1.6
País Vasco	104.0	-3.1	-1.8
Rioja, La	90.5	-2.4	-0.3

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