

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

The monthly variation of the Industrial Production Index stands at 1.5%, after adjusting for seasonal and calendar effects

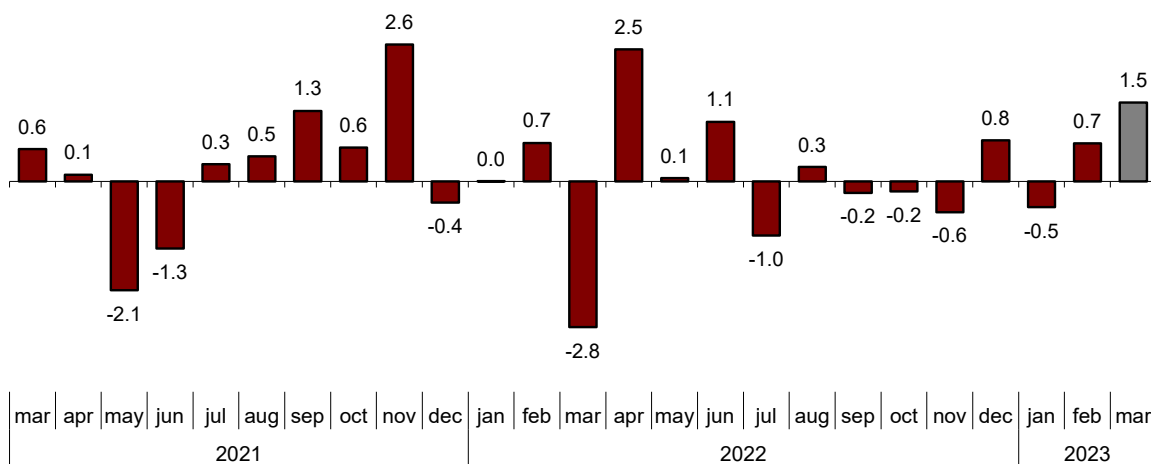
The annual rate of the Industrial Production Index stands at 4.5% in the series adjusted for seasonal and calendar effects and at 5.3% in the original series

Monthly evolution of industrial production

After adjusting for seasonal and calendar effects, the monthly variation of the Industrial Production Index (IPI) between March and February stood at 1.5%. This rate is 0.8 points higher than that observed in February.

General Industrial Production Index

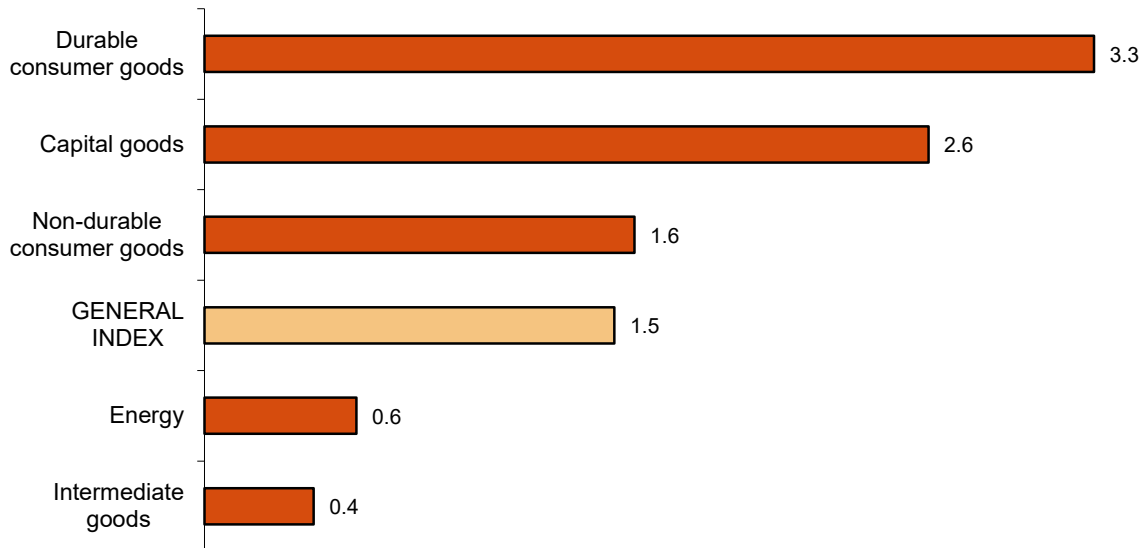
Adjusted for seasonal and calendar effects. Monthly rate (percentage)



All sectors showed positive monthly rates. It is worth highlighting the increase in *Durable consumer goods* (3.3%) followed by *Capital goods* (2.6%).

Industrial Production Indices: General and by economic destination

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



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

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 wood and of products of wood and cork, except furniture; basketmaking and wickerwork	18.8
Manufacture of computers, electronic and optical products	9.0
Manufacture of electrical material and equipment	8.9

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 coke and refined petroleum products	-3.5
Rubber and plastic material transformation industry	-0.1
Chemical Industry	0.2

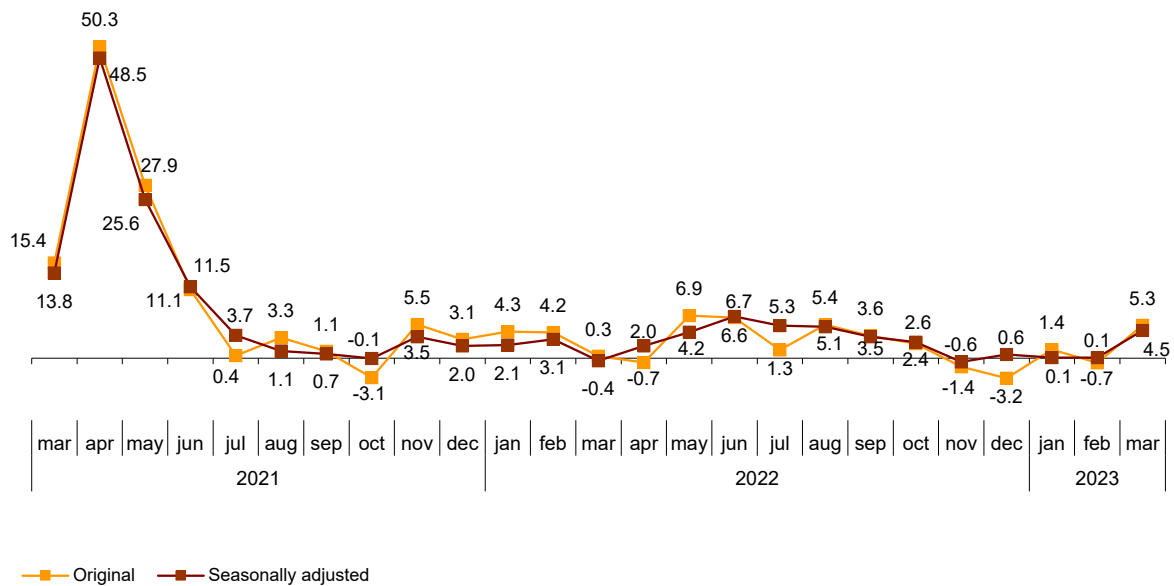
Annual evolution of industrial production

The Industrial Production Index, adjusted for seasonal and calendar effects, recorded a variation rate of 4.5% in March, as compared to the same month of the previous year. This rate is 4.4 points higher than that registered in February.

The original IPI series experienced an annual variation of 5.3%. This rate is 6.0 points higher than that of February.

General Industrial Production Index

Annual rate (percentage)



All sectors showed positive annual rates. It is worth highlighting the increase in *Capital goods* (13.2%) followed by *Durable consumer goods* (7.3%).

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	5.3	4.5
Consumer goods	3.7	4.1
- Durable consumer goods	7.1	7.3
- Non-durable consumer goods	3.4	3.2
Capital goods	12.6	13.2
Intermediate goods	4.0	4.1
Energy	1.0	1.1

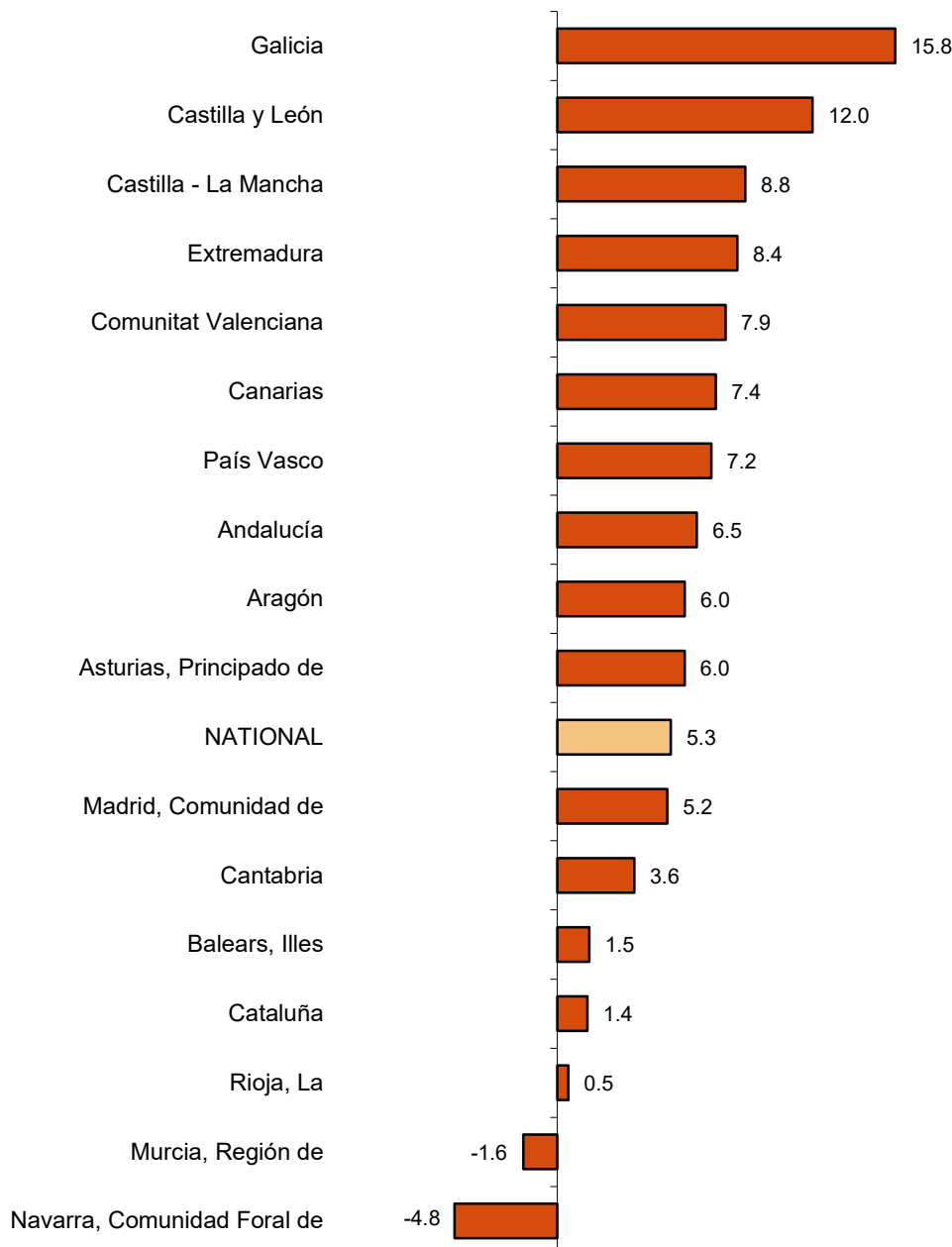
Results by Autonomous Communities. Annual variation rates of industrial production. Original series

Annual variation rates of industrial production increased as compared to March 2022 in 15 Autonomous Communities and decreased in the other two.

The largest increases were recorded in Galicia (15.8%), Castilla y León (12.0%) and Castilla - La Mancha (8.8%). The largest decreases were recorded in Comunidad Foral de Navarra (26.4%) and Región de Murcia (-1.6%).

General indices: national and by Autonomous Communities

March 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.

For further information see **INEbase**: www.ine.es/en/ Twitter: [@es_ine](https://twitter.com/es_ine)

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Industrial Production Indices. Base 2015

March 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	108.1	1.5	4.5	1.5
Consumer goods	108.7	1.5	4.1	2.2
- Durable consumer goods	113.2	3.3	7.3	4.2
- Non-durable consumer goods	108.6	1.6	3.2	2.1
Capital goods	115.6	2.6	13.2	8.4
Intermediate goods	104.8	0.4	4.1	-2.2
Energy	98.7	0.6	1.1	-0.7

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

	Index	Rate (%)	
		Annual	Year-to-date average
General Index	113.1	5.6	1.5
Consumer goods	112.9	4.1	2.0
- Durable consumer goods	117.3	7.6	4.4
- Non-durable consumer goods	113.8	3.9	1.8
Capital goods	123.5	13.2	8.3
Intermediate goods	116.0	4.2	-2.1
Energy	98.3	1.1	-0.9

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

	Index	Rate (%)		Repercussion Annual
		Annual	Year-to-date average	
General Index	118.2	5.3	2.1	
Consumer goods	119.2	3.7	2.7	0.978
- Durable consumer goods	125.0	7.1	5.2	0.149
- Non-durable consumer goods	118.8	3.4	2.5	0.829
Capital goods	130.5	12.6	9.0	2.899
Intermediate goods	121.8	4.0	-1.5	1.254
Energy	99.4	1.0	-0.7	0.190

**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	118.2	5.3	2.1	
B. Mining and quarrying industries	92.4	20.7	6.3	0.098
Extraction of anthracite, coal and lignite	..	..	..	..
National crude petroleum and natural gas	..	..	..	..
Extraction of metallic ores	..	..	..	..
Other mining and quarrying	109.7	22.7	6.9	0.103
C. Manufacturing industry	122.8	6.1	2.7	5.065
Food Industry	109.8	0.9	-1.7	0.104
Manufacture of beverages.	109.6	10.4	8.3	0.302
Tobacco industry.	..	..	..	..
Textile industry	112.7	-4.9	-6.0	-0.056
Manufacture of garments	148.3	11.6	1.0	0.127
Leather and footwear industry	91.1	-5.8	-1.3	-0.047
Manufacture of wood and of products of wood and cork, except furniture; basketmaking and wickerwork	119.0	-11.3	-21.7	-0.167
Manufacture of paper and paper-products	106.5	-3.0	-4.9	-0.073
Graphic arts and reproduction of recorded media	71.5	-13.0	-10.7	-0.156
Manufacture of coke and refined petroleum products	95.5	1.6	-0.5	0.033
Chemical Industry	116.8	-1.8	-7.2	-0.119
Manufacture of pharmaceutical products	166.3	3.0	10.7	0.157
Rubber and plastic material transformation industry	126.3	4.6	-0.5	0.223
Manufacture of other non-metallic ore products	129.5	8.2	-2.4	0.324
Metallurgy; manufacture of iron, steel and ferro-alloy products	107.6	1.2	-3.1	0.039
Manufacture of metal products, except machinery and equipment	126.4	7.0	4.2	0.583
Manufacture of computers, electronic and optical products	149.0	4.6	-0.7	0.061
Manufacture of electrical material and equipment	157.6	28.6	20.5	0.876
Manufacture of machinery and equipment n.e.c.	153.1	6.4	6.5	0.375
Manufacture of motor vehicles, trailers and semi-trailers	113.1	25.5	16.2	1.672
Manufacture of other transport equipment	132.0	11.5	11.5	0.332
Manufacture of furniture.	132.3	7.6	5.2	0.106
Other manufacturing industries	134.2	-1.8	-1.8	-0.024
Repair and installation of machinery and equipment	138.3	12.9	8.8	0.386
D. Supply of electrical energy, gas, steam and air conditioning	100.2	-0.3	-1.7	-0.045
E. Water supply, activities, waste management and decontamination*	100.2	8.6	5.6	0.201

* 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	118.2	5.3	2.1
Andalucía	100.4	6.5	-2.3
Aragón	121.9	6.0	2.2
Asturias, Principado de	110.6	6.0	-2.8
Balears, Illes	89.6	1.5	1.1
Canarias	102.5	7.4	6.9
Cantabria	127.7	3.6	-0.5
Castilla y León	107.2	12.0	7.5
Castilla-La Mancha	118.3	8.8	6.5
Cataluña	120.7	1.4	1.2
Comunitat Valenciana	123.0	7.9	-0.1
Extremadura	115.7	8.4	9.5
Galicia	115.7	15.8	8.0
Madrid, Comunidad de	130.8	5.2	7.5
Murcia, Región de	116.3	-1.6	-10.2
Navarra, Comunidad Foral de	121.8	-4.8	-2.9
País Vasco	122.1	7.2	1.7
Rioja, La	103.3	0.5	-0.1

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