

11 January 2022

**Industrial Production Indices (IPI). Base 2015**  
November 2021. Provisional data

**The monthly variation of the Industrial Production Index is 4.5% after adjusting for seasonal and calendar effects**

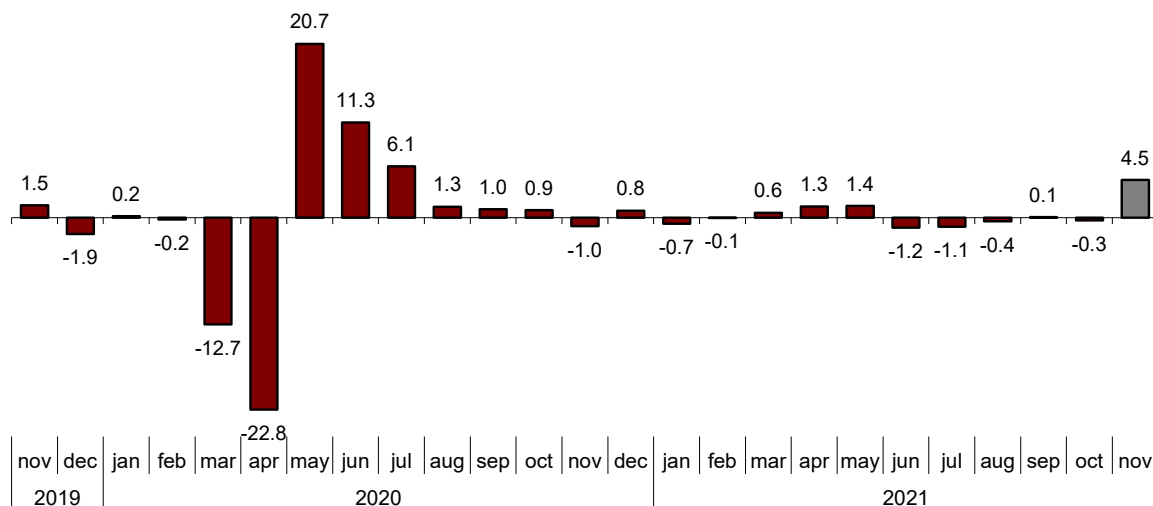
**The annual rate of the Industrial Production Index stands at 4.8% in the series adjusted for seasonal and calendar effects and at 5.6% in the original series**

**Monthly evolution of industrial production**

The monthly variation of the Industrial Production Index (IPI) between the months of November and October, after adjusting for seasonal and calendar effects, was 4.5%. This rate is 4.8 points higher than that observed in October.

**General Industrial Production Index**

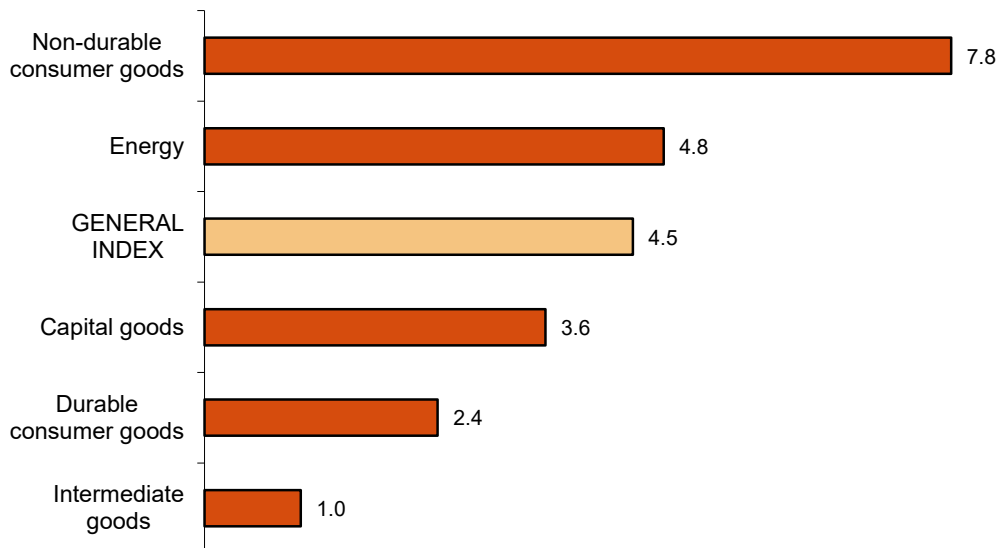
Adjusted for seasonal and calendar effects. Monthly rate (percentage)



All sectors showed positive monthly rates. Worth highlighting was the increase in *Non-durable consumer goods* (7.8%) followed by *Energy* (4.8%).

**Industrial Production Indices: General and by economic destination**

Adjusted for seasonal and calendar effects. November 2021. Monthly rate (percentage)



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

**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 pharmaceutical products	21.7
Supply of electrical energy, gas, steam and air conditioning	7.2
Manufacture of machinery and equipment n.e.c.	6.3

**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	-11.5
Other mining and quarrying	-10.7
Manufacture of beverages	-9.4

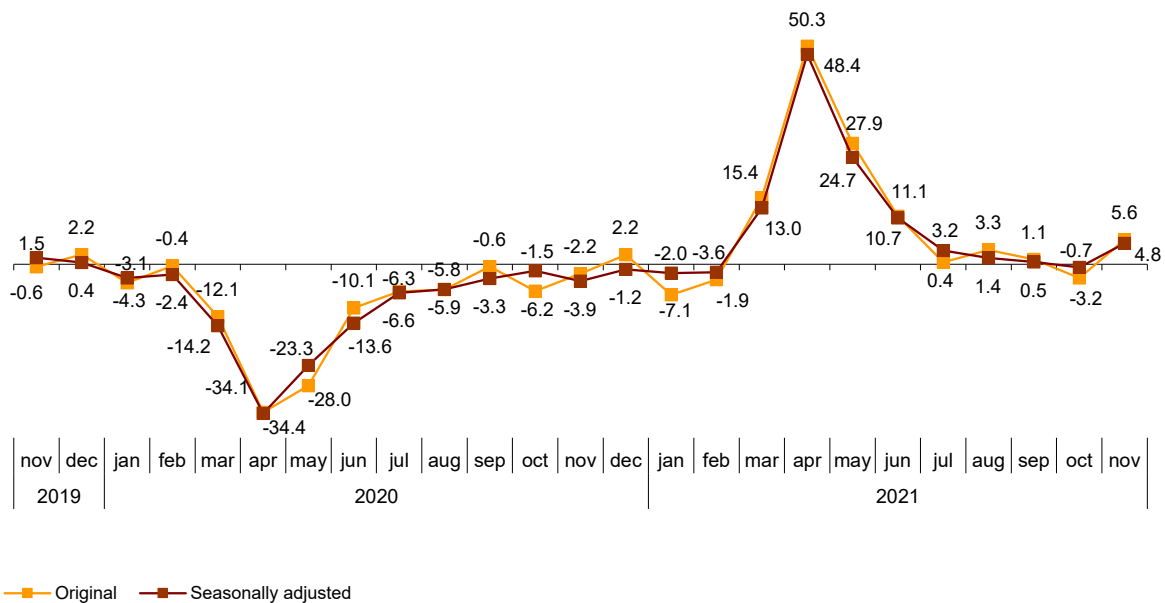
## Annual evolution of industrial production

The Industrial Production Index, adjusted for seasonal and calendar effects, recorded a variation rate of 4.8% in November, as compared to the same month of the previous year. This rate is 5.5 points higher than that registered in October.

The original IPI series experienced an annual variation of 5.6%. This rate is 8.8 points higher than that of October.

### General Industrial Production Index

Annual rate (percentage)



Four of the five sectors showed positive annual rates. Worth highlighting was the increase in *Non-durable consumer goods* (14.1%) followed by *Energy* (10.2%). The only sector that increased was *Capital goods* (-2.2%).

### 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	5.6	4.8
Consumer goods	13.4	12.4
- Durable consumer goods	9.1	7.0
- Non-durable consumer goods	13.8	14.1
Capital goods	-0.5	-2.2
Intermediate goods	1.0	0.4
Energy	10.9	10.2

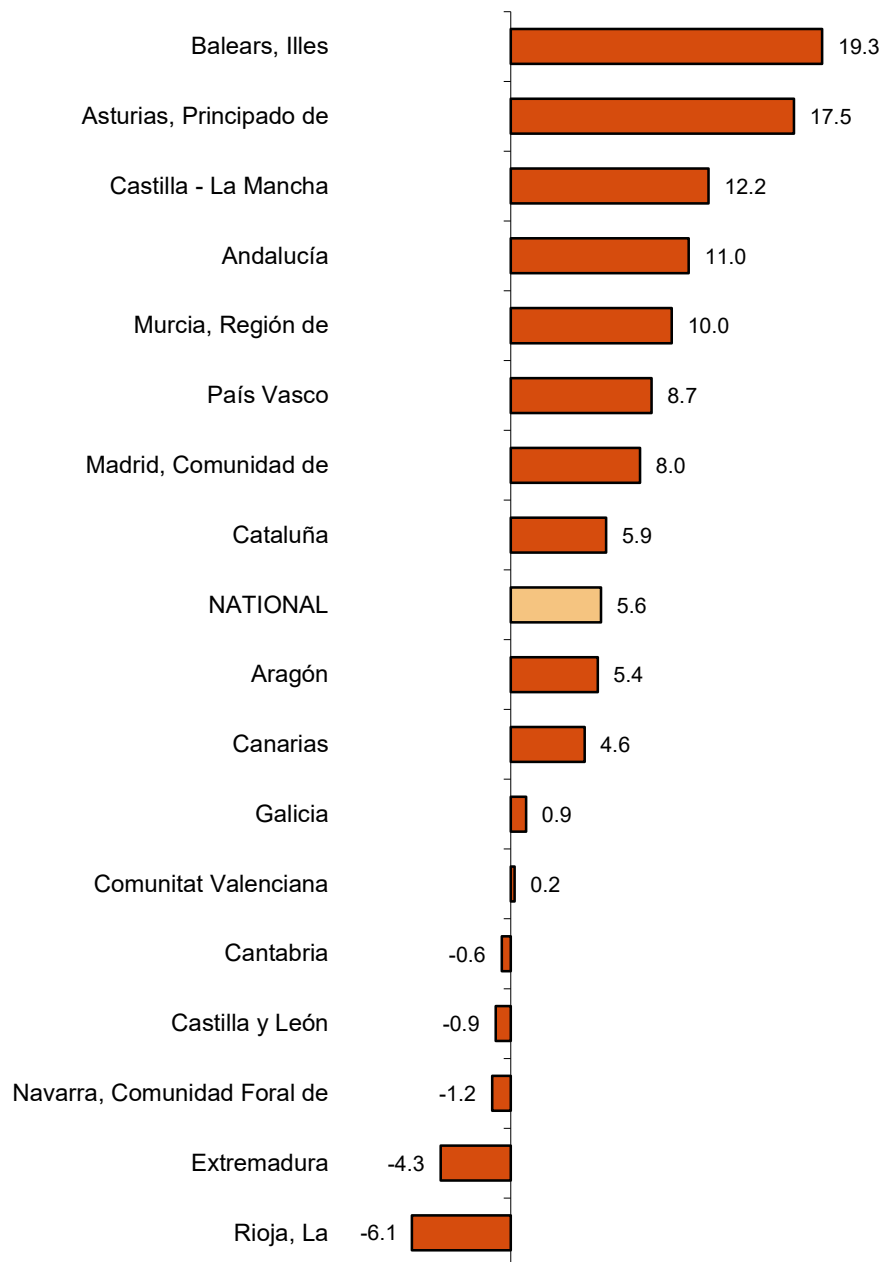
## Results by Autonomous Communities. Annual variation rates of industrial production. Original series

The annual rate of industrial production increased as compared to November 2020 in 12 Autonomous Communities and decreased in the other five.

The largest increases were recorded in Comunitat Valenciana (19.3%), Comunidad de Madrid (17.5%) and Castilla - La Mancha (12.2%). The largest decreases were recorded in La Rioja (-6.1%), Extremadura (-4.3%) and Comunidad Foral de Navarra (-1.2%).

### General indices: national and by Autonomous Communities

November 2021. 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 you can access the methodology at:

[https://www.ine.es/en/daco/daco43/metoipi15\\_en.pdf](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

**November 2021**

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	106.3	4.5	4.8	7.8
Consumer goods	111.3	6.2	12.4	7.7
- Durable consumer goods	107.4	2.4	7.0	19.4
- Non-durable consumer goods	112.0	7.8	14.1	6.8
Capital goods	102.6	3.6	-2.2	7.5
Intermediate goods	109.0	1.0	0.4	10.6
Energy	99.7	4.8	10.2	3.4

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

	Index	Rate (%)	
		Annual	Year-to-date average
General Index	111.0	4.6	7.8
Consumer goods	115.5	12.2	7.9
- Durable consumer goods	119.0	7.6	19.6
- Non-durable consumer goods	115.3	12.8	6.9
Capital goods	113.5	-1.7	7.7
Intermediate goods	114.0	0.3	10.9
Energy	99.4	10.5	3.2

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

	Index	Rate (%)		Repercussion Annual
		Annual	Year-to-date average	
General Index	111.9	5.6	7.4	
Consumer goods	116.6	13.4	7.6	3.370
- Durable consumer goods	120.4	9.1	19.1	0.191
- Non-durable consumer goods	116.2	13.8	6.7	3.180
Capital goods	114.5	-0.5	7.2	-0.132
Intermediate goods	114.9	1.0	10.6	0.337
Energy	99.7	10.9	2.8	2.009

**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	111.9	5.6	7.4	
B. Mining and quarrying industries	88.3	-10.3	6.9	-0.067
Extraction of anthracite, coal and lignite	..	..	..	..
National crude petroleum and natural gas	..	..	..	..
Extraction of metallic ores	..	..	..	..
Other mining and quarrying	104.2	-10.8	14.4	-0.068
C. Manufacturing industry	115.1	4.6	8.6	3.808
Food Industry	114.4	11.2	4.1	1.303
Manufacture of beverages.	110.5	11.9	12.6	0.364
Tobacco industry.	..	..	..	..
Textile industry	105.7	-5.8	9.9	-0.066
Manufacture of garments	126.6	26.9	27.6	0.235
Leather and footwear industry	70.3	26.4	9.7	0.130
Manufacture of wood and of products of wood and cork, except furniture; basketmaking and wickerwork	142.1	25.5	22.8	0.339
Manufacture of paper and paper-products	111.2	7.4	7.2	0.178
Graphic arts and reproduction of recorded media	84.9	12.7	6.2	0.148
Manufacture of coke and refined petroleum products	101.4	7.9	5.1	0.167
Chemical Industry	114.8	3.0	6.8	0.194
Manufacture of pharmaceutical products	149.3	18.7	4.6	0.811
Rubber and plastic material transformation industry	115.3	-6.2	9.1	-0.327
Manufacture of other non-metallic ore products	126.3	8.9	17.7	0.362
Metallurgy; manufacture of iron, steel and ferro-alloy products	106.6	3.0	15.0	0.100
Manufacture of metal products, except machinery and equipment	115.6	3.0	10.3	0.249
Manufacture of computers, electronic and optical products	128.4	8.3	5.1	0.098
Manufacture of electrical material and equipment	117.4	-4.3	7.6	-0.139
Manufacture of machinery and equipment n.e.c.	146.7	17.8	17.1	0.962
Manufacture of motor vehicles, trailers and semi-trailers	89.5	-23.1	-0.4	-2.071
Manufacture of other transport equipment	102.7	-0.3	0.4	-0.008
Manufacture of furniture.	128.8	14.2	22.6	0.192
Other manufacturing industries	134.3	17.9	22.3	0.212
Repair and installation of machinery and equipment	124.4	13.2	7.0	0.374
D. Supply of electrical energy, gas, steam and air conditioning	100.7	12.9	3.1	1.790
E. Water supply, activities, waste management and decontamination*	94.4	2.1	-0.4	0.053

\* 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	111.9	5.6	7.4
Andalucía	103.3	11.0	4.5
Aragón	114.8	5.4	4.1
Asturias, Principado de	113.6	17.5	15.9
Balears, Illes	82.3	19.3	11.9
Canarias	94.6	4.6	2.6
Cantabria	114.4	-0.6	11.3
Castilla y León	103.4	-0.9	6.2
Castilla-La Mancha	113.1	12.2	5.6
Cataluña	114.0	5.9	8.9
Comunitat Valenciana	112.1	0.2	7.5
Extremadura	101.4	-4.3	9.2
Galicia	110.8	0.9	9.3
Madrid, Comunidad de	118.0	8.0	5.5
Murcia, Región de	127.4	10.0	1.7
Navarra, Comunidad Foral de	113.7	-1.2	10.1
País Vasco	114.4	8.7	9.7
Rioja, La	89.4	-6.1	6.4

More detailed information by Autonomous Community may be obtained at:

Andalucía	<a href="http://www.juntadeandalucia.es/institutodeestadisticaycartografia">www.juntadeandalucia.es/institutodeestadisticaycartografia</a>
Aragón	<a href="http://www.aragon.es/iaest/ipi">www.aragon.es/iaest/ipi</a>
Principado de Asturias	<a href="http://www.sadei.es">www.sadei.es</a>
Illes Balears	<a href="http://www.ibestat.caib.es">www.ibestat.caib.es</a>
Canarias	<a href="http://www.gobiernodecanarias.org/istac">www.gobiernodecanarias.org/istac</a>
Cantabria	<a href="http://www.icane.es">www.icane.es</a>
Castilla y León	<a href="http://www.jcyl.es/estadistica">www.jcyl.es/estadistica</a>
Castilla - La Mancha	<a href="http://www.jccm.es/estadistica">www.jccm.es/estadistica</a>
Cataluña	<a href="http://www.idescat.cat">www.idescat.cat</a>
Comunitat Valenciana	<a href="http://www.ive.es">www.ive.es</a>
Extremadura	<a href="http://estadistica.juntaex.es">http://estadistica.juntaex.es</a>
Galicia	<a href="http://www.ige.xunta.es">www.ige.xunta.es</a>
Comunidad de Madrid	<a href="http://www.madrid.org/iestadis">www.madrid.org/iestadis</a>
Región de Murcia	<a href="http://econet.carm.es">http://econet.carm.es</a>
La Rioja	<a href="http://www.larioja.org">www.larioja.org</a>