

06 November 2019

**Industrial Production Indices (IPI). Base 2015**  
September 2019. Provisional data

**The monthly variation of the Industrial Production Index is -0.8% after adjusting for seasonal and calendar effects**

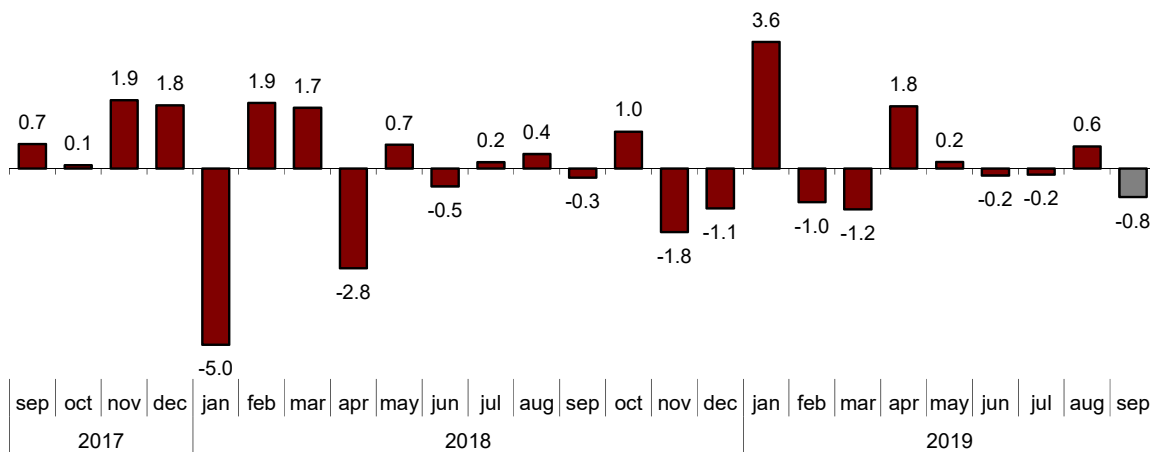
**The annual rate of the Industrial Production Index stands at 0.8% in the series adjusted for seasonal and calendar effects and at 3.1% in the original series**

**Monthly evolution of industrial production**

The monthly variation of the Industrial Production Index (IPI) between the months of September and August, after adjusting for seasonal and calendar effects, was -0.8%. This rate is 1.4 points lower than that observed in August.

**General Industrial Production Index**

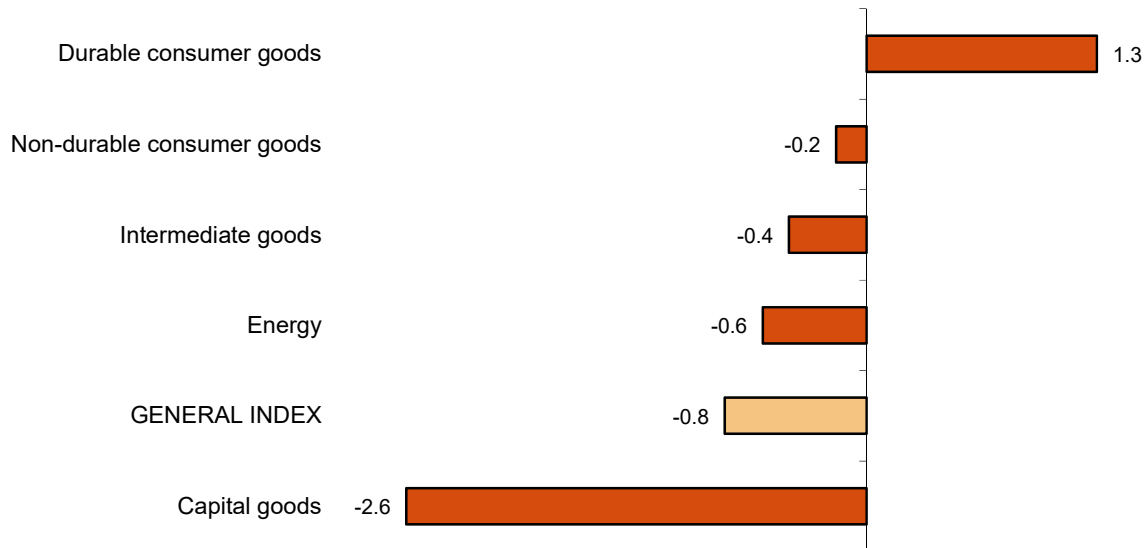
Adjusted for seasonal and calendar effects. Monthly rate (percentage)



Four of the five sectors showed negative monthly rates. It is worth highlighting the decrease in *Capital goods* (-2.6%) followed by *Energy* (-0.8%). The only sector that increased was *Durable consumer goods* (1.3%).

## Industrial Production Indices: General and by economic destination

Adjusted for seasonal and calendar effects. September 2019. Monthly rate (percentage)



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

### 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 (%)
Other manufacturing industries	9.3
Manufacture of garments	6.3
Leather and footwear industry	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 (%)
Extraction of anthracite, coal and lignite	-27.6
Tobacco industry	-13.3
Manufacture of pharmaceutical products	-7.4

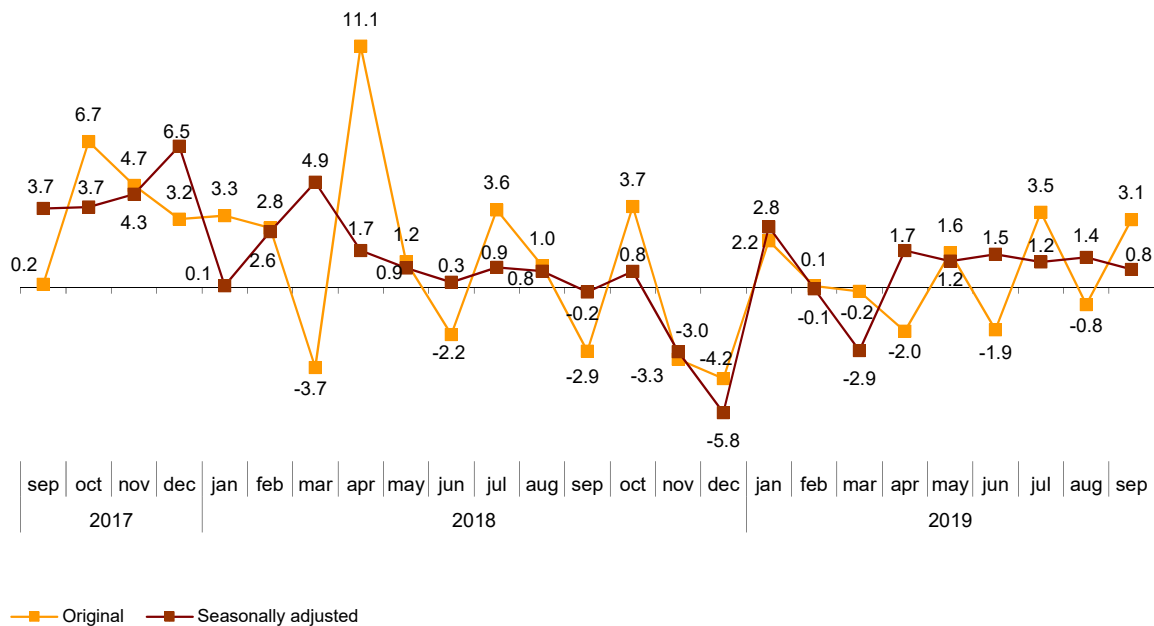
## Annual evolution of industrial production

The Industrial Production Index, adjusted for seasonal and calendar effects, recorded a variation rate of 0.8% in September, compared to the same month of the previous year. This rate is 0.6 points lower than that recorded in August.

The original IPI series experienced an annual variation of 3.1%. This rate is 3.9 points higher than that of August.

### General Industrial Production Index

Annual rate (percentage)



By sectors, *Energy* (3.0%), *Capital goods* (2.1%) and *Non-durable consumer goods* (1.7%) showed positive annual rates. On the other hand, *Intermediate goods* (-1.5%) and *Durable consumer goods* (-0.5%) 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	3.1	0.8
Consumer goods	4.1	1.0
- Durable consumer goods	3.5	-0.5
- Non-durable consumer goods	4.1	1.7
Capital goods	4.8	2.1
Intermediate goods	0.7	-1.5
Energy	3.8	3.0

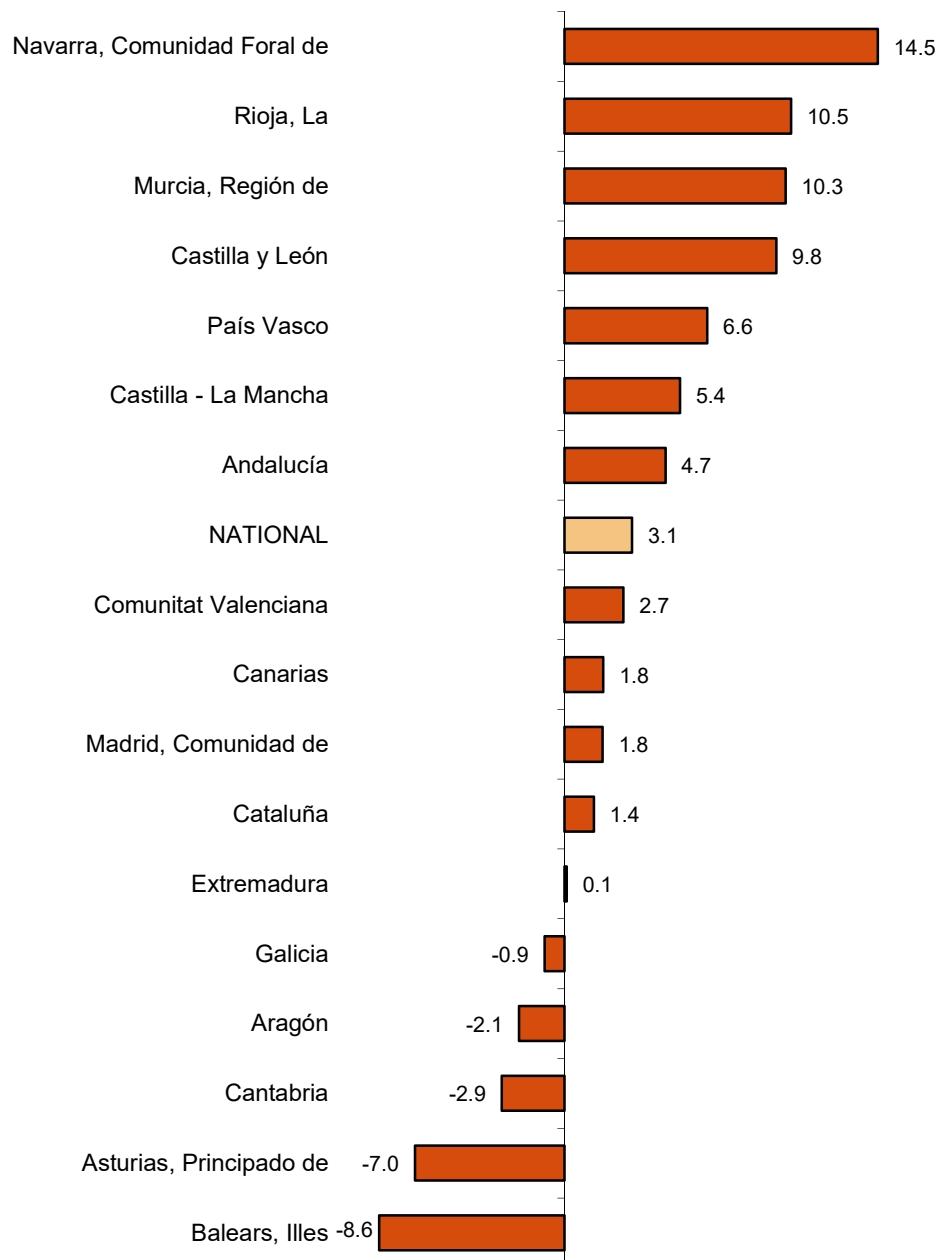
## Results by Autonomous Communities. Annual variation rates of industrial production. Original series

The annual rate of industrial production increased as compared to September 2018 in 12 Autonomous Communities and decreased in the other five.

The largest increases were recorded in Comunidad Foral de Navarra (14.5%), La Rioja (10.5%) and Región de Murcia (10.3%). The largest decreases were recorded in Illes Balears (-8.6%), Principado de Asturias (-7.0%) and Cantabria (-2.9%).

### General indices: national and by Autonomous Communities

September 2019. 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>

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## Industrial Production Indices. Base 2015

**September 2019**

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	-0.8	0.8	0.9
Consumer goods	103.9	-0.9	1.0	2.0
- Durable consumer goods	103.2	1.3	-0.5	-1.7
- Non-durable consumer goods	104.0	-0.2	1.7	1.9
Capital goods	112.6	-2.6	2.1	2.3
Intermediate goods	107.2	-0.4	-1.5	-0.8
Energy	101.4	-0.6	3.0	0.1

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

	Index	Rate (%)	
		Annual	Year-to-date average
General Index	108.0	0.7	0.9
Consumer goods	106.0	0.8	2.2
- Durable consumer goods	108.7	-0.4	-1.6
- Non-durable consumer goods	105.6	1.0	2.6
Capital goods	115.8	1.6	2.3
Intermediate goods	110.2	-1.7	-0.7
Energy	99.5	3.1	0.2

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

	Index	Rate (%)		Repercussion Annual
		Annual	Year-to-date average	
General Index	106.6	3.1	0.7	
Consumer goods	104.1	4.1	1.8	1.020
- Durable consumer goods	106.6	3.5	-1.9	0.069
- Non-durable consumer goods	103.9	4.1	2.2	0.951
Capital goods	113.8	4.8	2.0	1.121
Intermediate goods	108.7	0.7	-0.9	0.222
Energy	99.2	3.8	0.1	0.771

**4. Industrial Production Indices: General and by branches of activity (CNAE 2009).  
Original series**

	Index	Rate (%)		Repercussion
		Annual	Year-to-date average	Annual
General Index	106.6	3.1	0.7	
B. Mining and quarrying industries	96.7	9.4	-4.1	0.056
Extraction of anthracite, coal and lignite	..	..	..	..
National crude petroleum and natural gas	..	..	..	..
Extraction of metallic ores	..	..	..	..
Other mining and quarrying	98.9	6.6	7.9	0.034
C. Manufacturing industry	108.6	3.0	0.8	2.428
Food Industry	105.8	4.4	3.0	0.517
Manufacture of beverages.	99.3	0.0	4.3	0.000
Tobacco industry.	..	..	..	..
Textile industry	99.7	0.6	-5.5	0.007
Manufacture of garments	128.2	16.7	0.0	0.165
Leather and footwear industry	85.7	12.2	-2.1	0.085
Manufacture of wood and of products of wood and cork, except furniture; basketmaking and wickerwork	103.1	-5.3	-4.8	-0.069
Manufacture of paper and paper-products	97.8	2.0	-0.6	0.045
Graphic arts and reproduction of recorded media	80.6	-7.0	-5.9	-0.096
Manufacture of coke and refined petroleum products	107.5	5.6	-0.1	0.131
Chemical Industry	106.6	0.2	0.2	0.010
Manufacture of pharmaceutical products	111.6	3.8	3.6	0.146
Rubber and plastic material transformation industry	109.9	3.9	-0.4	0.182
Manufacture of other non-metallic ore products	111.4	-0.5	2.3	-0.021
Metallurgy; manufacture of iron, steel and ferro-alloy products	103.8	-2.7	-4.4	-0.095
Manufacture of metal products, except machinery and equipment	111.4	3.7	3.8	0.304
Manufacture of computers, electronic and optical products	120.9	2.5	7.2	0.030
Manufacture of electrical material and equipment	116.7	3.7	-3.0	0.114
Manufacture of machinery and equipment n.e.c.	125.5	1.1	-1.1	0.063
Manufacture of motor vehicles, trailers and semi-trailers	106.6	10.8	-0.6	0.824
Manufacture of other transport equipment	117.4	-6.0	1.3	-0.198
Manufacture of furniture.	113.5	5.7	-0.3	0.076
Other manufacturing industries	115.5	11.8	8.2	0.130
Repair and installation of machinery and equipment	114.3	2.0	-0.2	0.060
D. Supply of electrical energy, gas, steam and air conditioning	93.2	2.2	-1.6	0.324
E. Water supply, activities, waste management and decontamination*	128.5	10.1	10.2	0.326

\* 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	106.6	3.1	0.7
Andalucía	103.0	4.7	2.1
Aragón	103.9	-2.1	1.4
Asturias, Principado de	103.4	-7.0	-2.0
Balears, Illes	92.0	-8.6	-7.4
Canarias	94.8	1.8	-1.9
Cantabria	111.6	-2.9	-1.7
Castilla y León	97.7	9.8	-1.2
Castilla-La Mancha	103.9	5.4	3.3
Cataluña	104.0	1.4	-1.2
Comunitat Valenciana	109.7	2.7	1.2
Extremadura	128.8	0.1	-1.6
Galicia	103.9	-0.9	-5.6
Madrid, Comunidad de	107.9	1.8	3.2
Murcia, Región de	122.7	10.3	9.1
Navarra, Comunidad Foral de	119.9	14.5	5.1
País Vasco	113.3	6.6	1.8
Rioja, La	88.9	10.5	-0.5

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>