

08 November 2018

Industrial Production Indices (IPI). Base 2015
September 2018. Provisional data

The monthly variation of the Industrial Production Index stands at -0.7%, after adjusting for seasonal and calendar effects

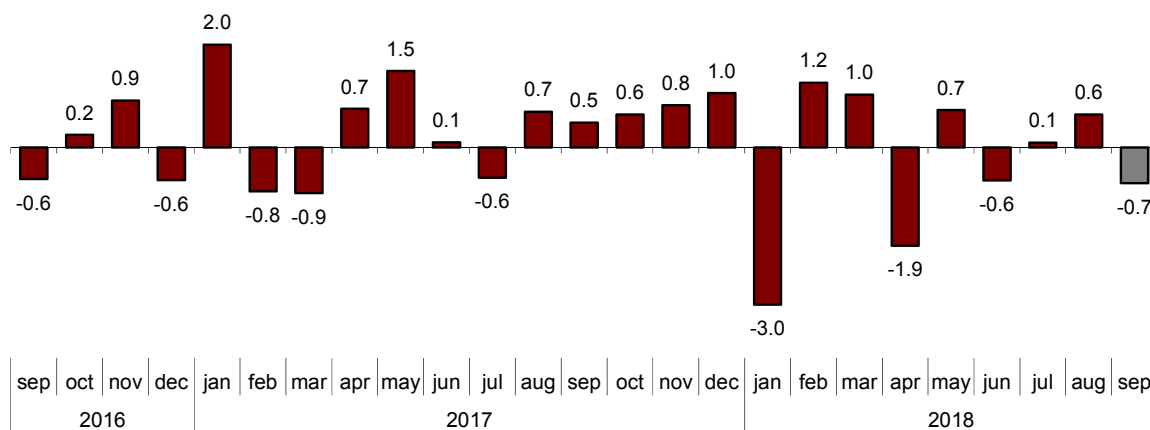
The annual rate of the Industrial Production Index stands at -0.1% in the series adjusted for seasonal and calendar effects and at -2.8% in the original series

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 -0.7%. This rate is 1.3 points lower than that observed in August.

General Industrial Production Index

Adjusted for seasonal and calendar effects. September 2016 - September 2018. Monthly rate

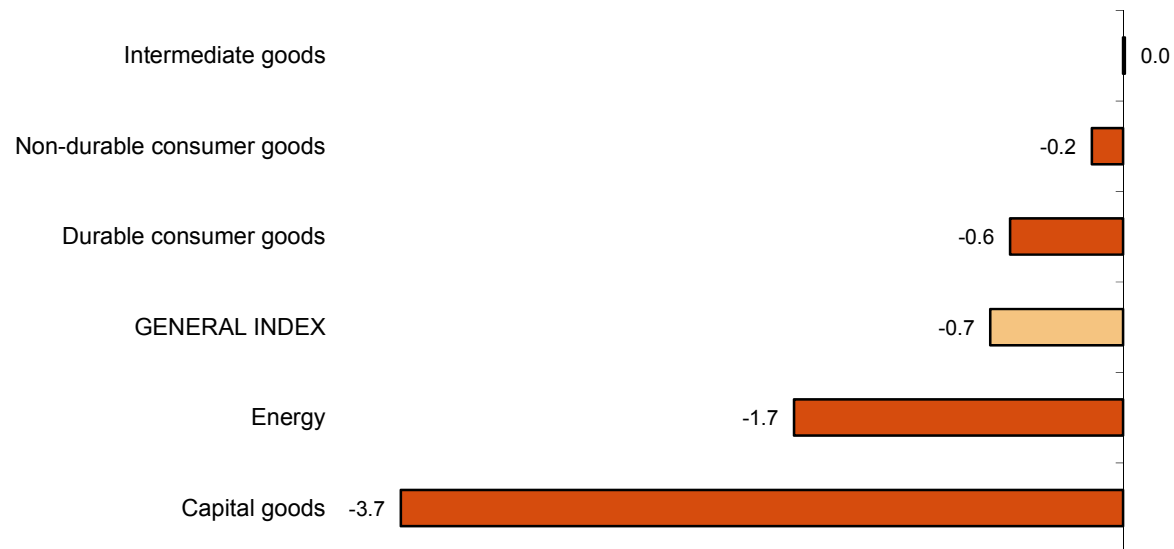


Four of the five sectors showed negative monthly rates. It is worth highlighting the decrease in *Capital goods* (-3.7%) followed by *Energy* (-1.7%).

On the other hand, *Intermediate goods* did not vary (0.0%).

Industrial Production Indices: General and by economic destination

Adjusted for seasonal and calendar effects. September 2018. Monthly rate



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 (%)
Manufacture of other non-metallic ore products	6.3
Manufacture of other transport equipment	5.2
Manufacture of wood and of products of wood and cork, except furniture;	5.1

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	-33.8
Tobacco industry	-32.6
Manufacture of coke and refined petroleum products	-7.0

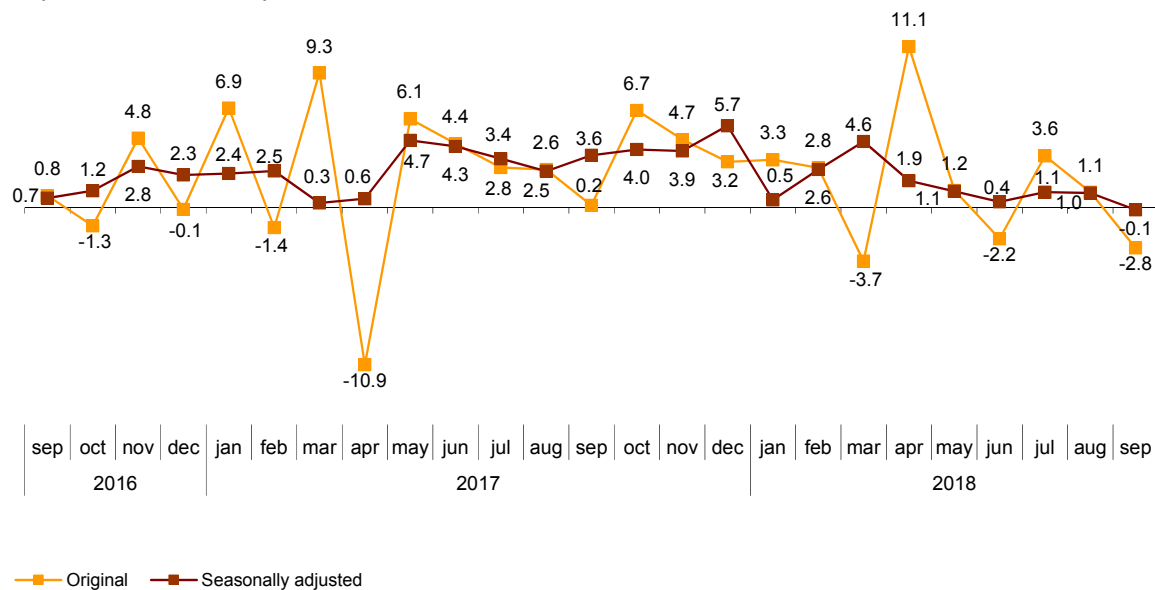
Annual evolution of industrial production

The Industrial Production Index, adjusted for seasonal and calendar effects, recorded a variation rate of -0.1% in September, compared to the same month of the previous year. This rate is 1.1 points lower than that recorded in August.

The original series of the IPI experienced an annual variation of -2.8%. This rate is 3.9 points lower than that of August.

General Industrial Production Index

September 2016 - September 2018. Annual rate



As for the indices adjusted for seasonal and calendar effects, all sectors presented negative annual rates, except for *Energy* (0.3%). The greatest decreases were recorded in *Durable consumer goods* (-3.9%) and *Capital goods* (-0.7%).

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	-2.8	-0.1
Consumer goods	-3.4	-0.4
- Durable consumer goods	-7.5	-3.9
- Non-durable consumer goods	-3.0	-0.5
Capital goods	-4.3	-0.7
Intermediate goods	-2.6	-0.1
Energy	-0.5	0.3

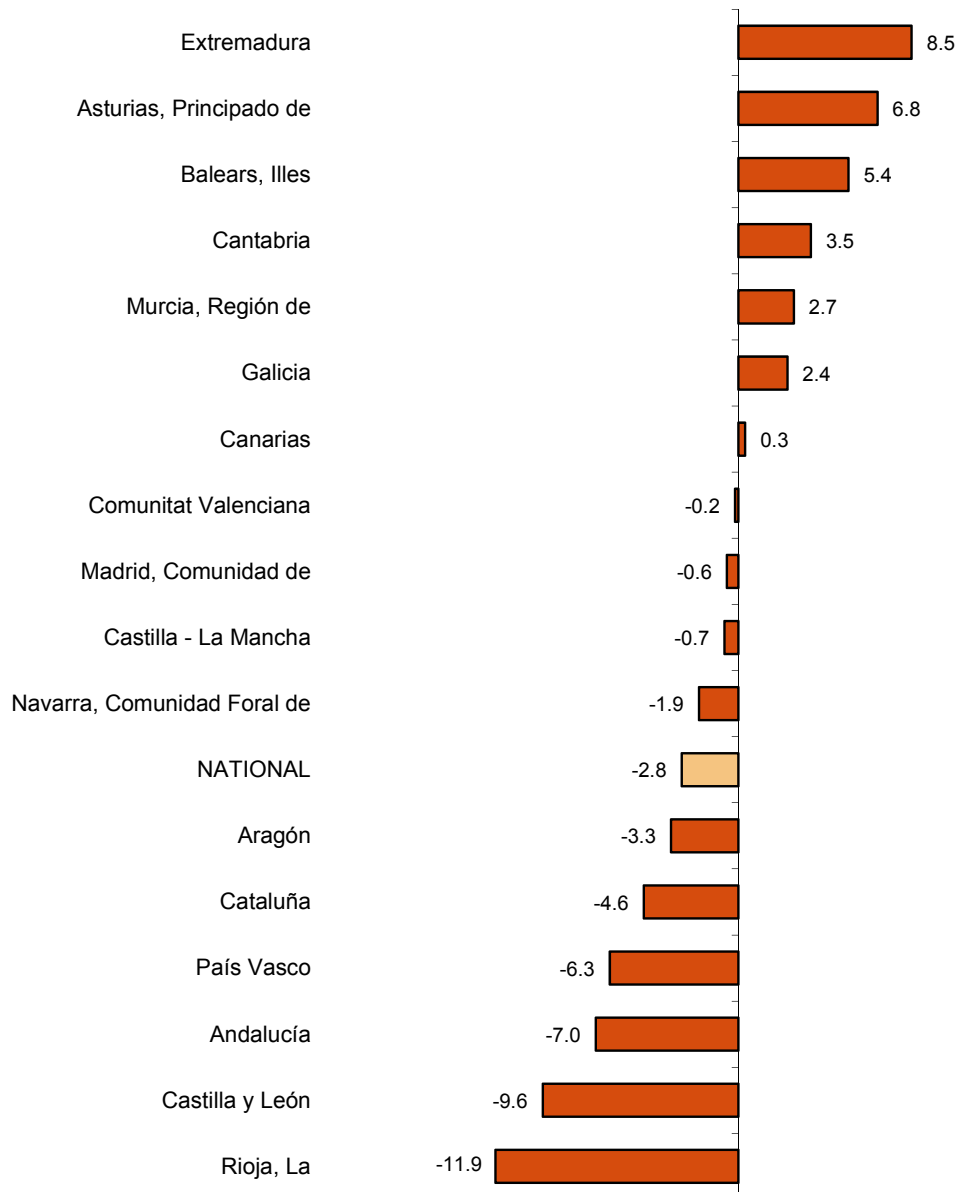
Results by Autonomous Communities. Annual variation rates of industrial production. Original series

The annual rate of industrial production increased as compared to September 2017 in seven Autonomous Communities and decreased in the other ten.

The greatest increases were recorded in Extremadura (8.5%), Principado de Asturias (6.8%) and Illes Balears (5.4%). And the greatest decreases were in La Rioja (-11.9%), Castilla y León (-9.6%) and Andalucía (-7.0%).

General indices: national and by Autonomous Communities

September 2018. Annual rate



Review and update of data

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.

The characteristics of this statistics are:

- **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.

The methodology of these statistics can be found on the INE website, in the following links:

Methodology

https://www.ine.es/en/daco/daco43/metoipi15_en.pdf

Standardised methodological report

<https://www.ine.es/dynt3/metadatos/en/RespuestaDatos.html?oe=30050>

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Industrial Production Indices. Base 2015

September 2018

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	105.5	-0.7	-0.1	1.4
Consumer goods	101.9	0.1	-0.4	-0.3
- Durable consumer goods	104.4	-0.6	-3.9	-1.7
- Non-durable consumer goods	101.5	-0.2	-0.5	-0.3
Capital goods	110.0	-3.7	-0.7	3.4
Intermediate goods	109.1	0.0	-0.1	2.6
Energy	99.0	-1.7	0.3	-0.2

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

	Index	Rate (%)	
		Annual	Year-to-date average
General Index	107.4	-0.5	1.3
Consumer goods	104.8	-0.4	-0.4
- Durable consumer goods	109.5	-4.0	-1.9
- Non-durable consumer goods	104.1	-0.2	-0.4
Capital goods	114.2	-1.2	3.2
Intermediate goods	112.5	-0.4	2.6
Energy	96.7	0.2	-0.3

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

	Index	Rate (%)		Repercussion Annual
		Annual	Year-to-date average	
General Index	103.5	-2.8	1.4	
Consumer goods	99.8	-3.4	-0.4	-0.858
- Durable consumer goods	103.4	-7.5	-1.9	-0.158
- Non-durable consumer goods	99.5	-3.0	-0.2	-0.700
Capital goods	108.7	-4.3	3.3	-1.009
Intermediate goods	108.5	-2.6	2.7	-0.824
Energy	95.8	-0.5	-0.3	-0.091

**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	103.5	-2.8	1.4	
B. Mining and quarrying industries	90.2	-17.3	-1.3	-0.124
Extraction of anthracite, coal and lignite	..	..	..	..
National crude petroleum and natural gas	..	..	..	..
Extraction of metallic ores	..	..	..	..
Other mining and quarrying	94.9	-2.6	1.1	-0.013
C. Manufacturing industry	105.6	-3.3	1.9	-2.745
Food Industry	101.0	-3.4	0.0	-0.400
Manufacture of beverages.	100.2	-3.5	-2.8	-0.112
Tobacco industry.	..	..	..	..
Textile industry	100.7	-10.7	-0.6	-0.123
Manufacture of garments	113.2	-3.8	-3.3	-0.039
Leather and footwear industry	76.5	-5.3	-1.2	-0.038
Manufacture of wood and of products of wood and cork, except furniture; basketmaking and wickerwork	109.1	-0.8	6.6	-0.010
Manufacture of paper and paper-products	95.8	-3.6	-0.1	-0.083
Graphic arts and reproduction of recorded media	84.7	-4.7	-1.4	-0.064
Manufacture of coke and refined petroleum products	101.8	-6.9	1.3	-0.169
Chemical Industry	107.5	-1.9	2.0	-0.120
Manufacture of pharmaceutical products	105.4	2.3	1.8	0.083
Rubber and plastic material transformation industry	106.2	-5.4	1.6	-0.260
Manufacture of other non-metallic ore products	112.1	3.3	1.8	0.125
Metallurgy; manufacture of iron, steel and ferro-alloy products	106.5	-3.4	2.2	-0.121
Manufacture of metal products, except machinery and equipment	107.8	-3.7	2.8	-0.305
Manufacture of computers, electronic and optical products	116.7	12.8	7.9	0.131
Manufacture of electrical material and equipment	113.5	0.5	5.3	0.014
Manufacture of machinery and equipment n.e.c.	124.0	-3.2	4.9	-0.174
Manufacture of motor vehicles, trailers and semi-trailers	96.1	-15.7	0.4	-1.372
Manufacture of other transport equipment	125.2	12.4	5.1	0.354
Manufacture of furniture.	107.7	-5.6	0.5	-0.077
Other manufacturing industries	103.7	-4.1	3.4	-0.046
Repair and installation of machinery and equipment	113.1	3.1	7.6	0.088
D. Supply of electrical energy, gas, steam and air conditioning	91.7	0.7	0.4	0.092
E. Water supply, activities, waste management and decontamination*	115.5	-0.2	-4.9	-0.005

* 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	103.5	-2.8	1.4
Andalucía	99.2	-7.0	-1.8
Aragón	105.5	-3.3	0.9
Asturias, Principado de	110.9	6.8	3.3
Balears, Illes	100.9	5.4	-2.4
Canarias	94.3	0.3	2.2
Cantabria	114.8	3.5	8.0
Castilla y León	88.8	-9.6	2.4
Castilla-La Mancha	100.6	-0.7	-0.3
Cataluña	103.4	-4.6	2.3
Comunitat Valenciana	107.0	-0.2	0.2
Extremadura	125.3	8.5	4.0
Galicia	107.0	2.4	6.1
Madrid, Comunidad de	104.1	-0.6	0.2
Murcia, Región de	109.9	2.7	2.5
Navarra, Comunidad Foral de	105.4	-1.9	1.5
País Vasco	106.2	-6.3	1.3
Rioja, La	79.8	-11.9	-2.9

More detailed information by Autonomous Community may be obtained at:

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