

11 January 2019

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

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

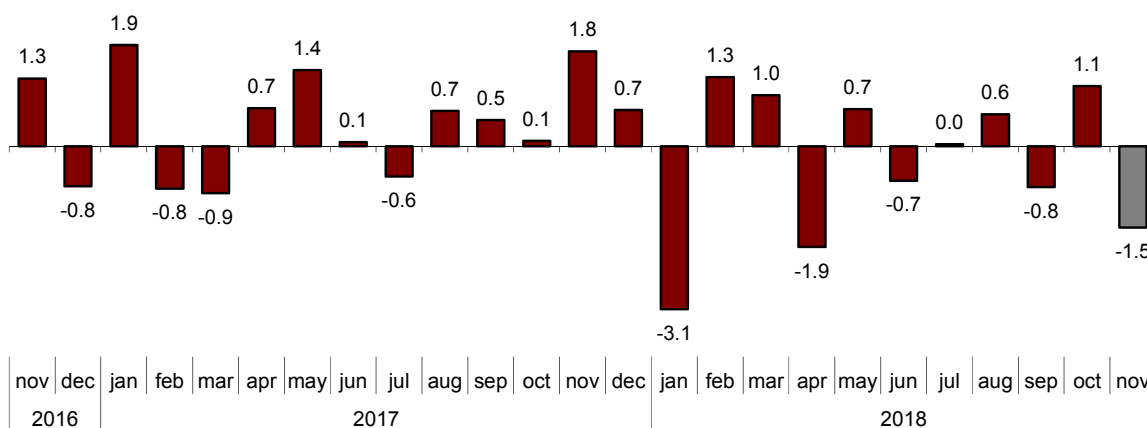
The annual rate of the Industrial Production Index stands at -2.6% in the series adjusted for seasonal and calendar effects and at -2.8% in the original series

Monthly evolution of industrial production

The monthly variation of the Industrial Production Index (IPI) between the months of November and October, after adjusting for seasonal and calendar effects, was -1.5%. This rate is 2.6 points lower than that observed in October.

General Industrial Production Index

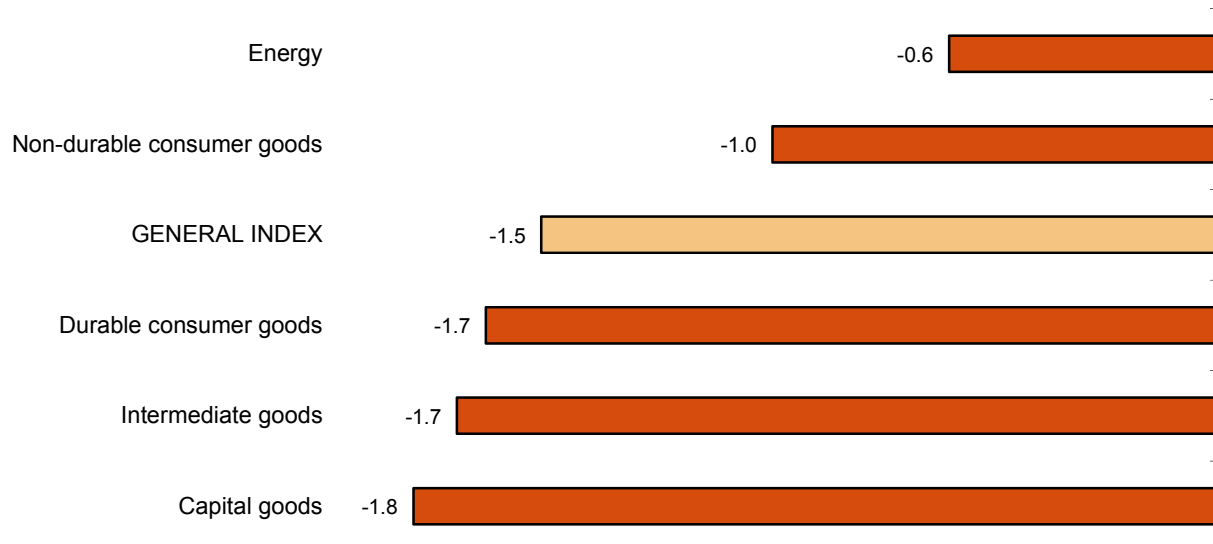
Adjusted for seasonal and calendar effects. November 2016 - November 2018. Monthly rate



All sectors showed negative monthly rates. It is worth highlighting the decrease in *Capital goods* (-1.8%) followed by *Intermediate goods* (-1.7%).

Industrial Production Indices: General and by economic destination

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



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 (%)
Graphic arts and reproduction of recorded media	4.5
Manufacture of garments	4.2
Tobacco industry	4.1

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 (%)
Manufacture of other transport equipment	-8.5
Other manufacturing industries	-6.3
Manufacture of pharmaceutical products	-5.9

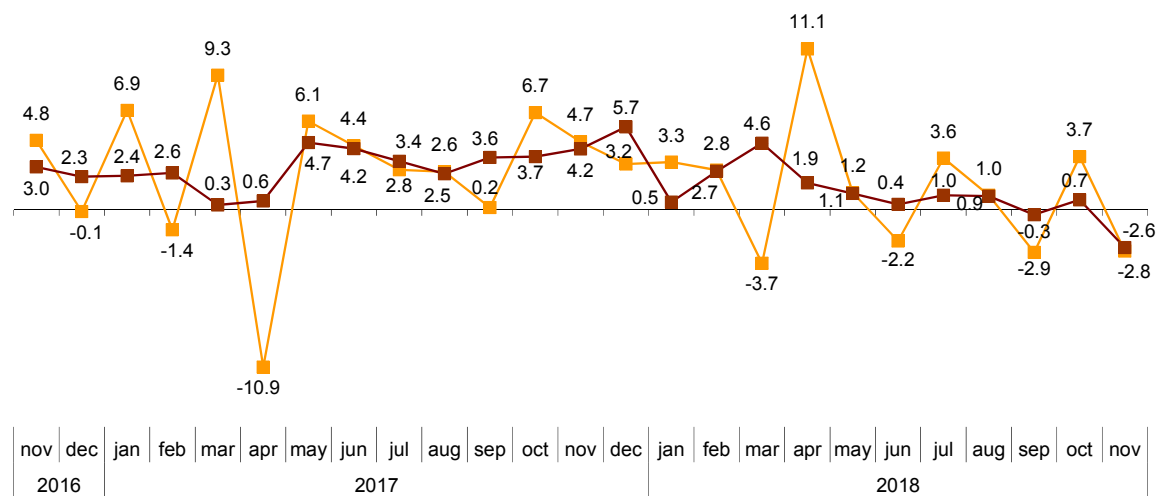
Annual evolution of industrial production

The Industrial Production Index, adjusted for seasonal and calendar effects, recorded a variation rate of -2.6% in November, as compared to the same month of the previous year. This rate is 3.3 points lower than that observed in October.

The original series of the IPI experienced an annual variation of -2.8%. This rate is 6.5 points lower than that of October.

General Industrial Production Index.

November 2016 - November 2018. Annual rate



— Original — Seasonally adjusted

All sectors showed negative annual rates. It is worth highlighting the decrease in *Energy* (-5.6%) followed by *Intermediate goods* (-3.0%).

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	-2.6
Consumer goods	-1.8	-1.6
- Durable consumer goods	-1.6	-1.0
- Non-durable consumer goods	-1.8	-1.1
Capital goods	-0.9	-0.6
Intermediate goods	-3.4	-3.0
Energy	-5.5	-5.6

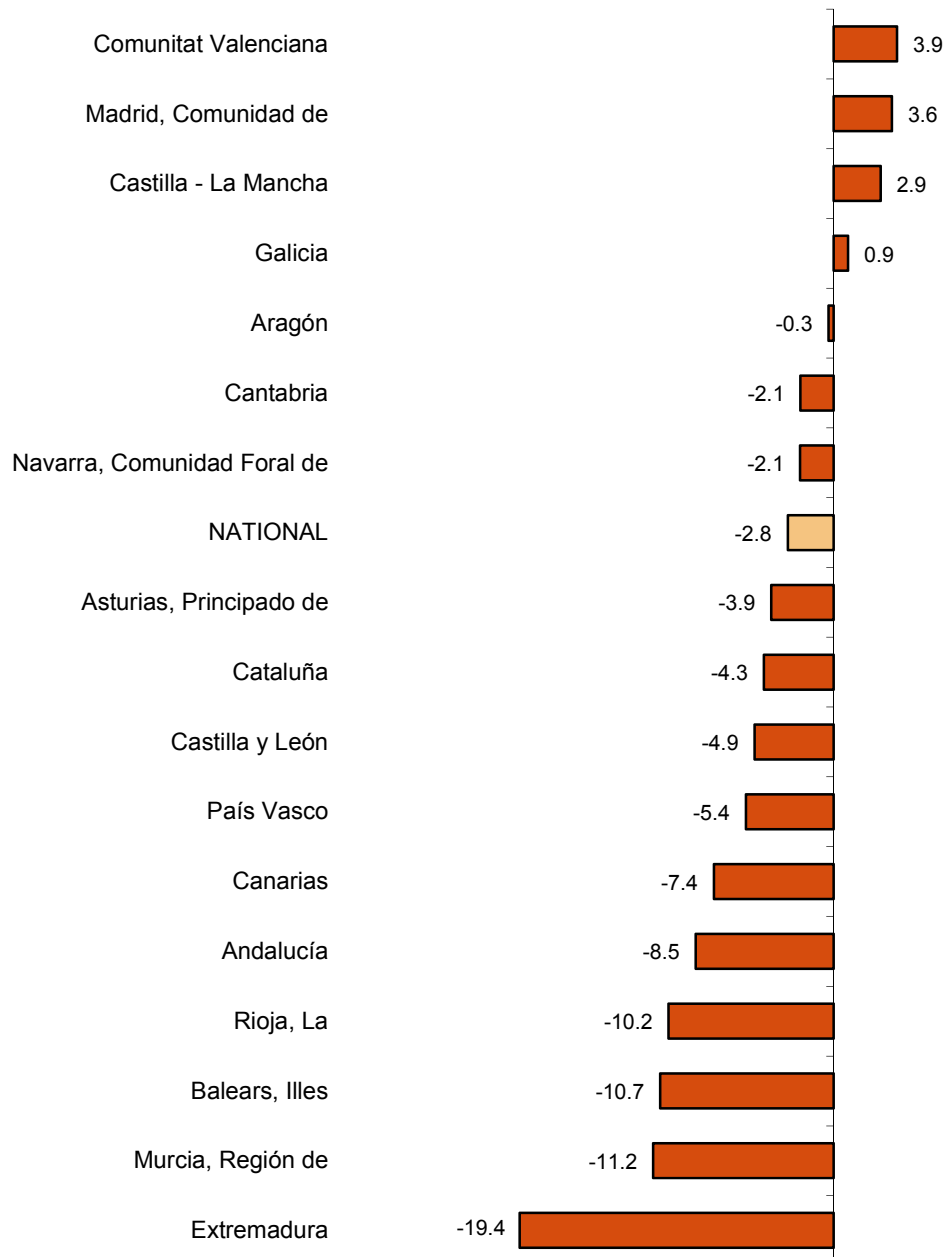
Results by Autonomous Communities. Annual variation rates of industrial production. Original series

The annual rate of industrial production increased as compared to November 2017 in four Autonomous Communities and decreased in the other 13.

The largest decreases were recorded in Extremadura (-19.4%), Región de Murcia (-11.2%) and Illes Balears (-10.7%). The largest increases were recorded in Comunitat Valenciana (3.9%), Comunidad de Madrid (3.6%) and Castilla - La Mancha (2.9%).

General indices: national and by Autonomous Communities

November 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

November 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	104.8	-1.5	-2.6	1.0
Consumer goods	102.0	-1.5	-1.6	-0.3
- Durable consumer goods	104.8	-1.7	-1.0	-1.5
- Non-durable consumer goods	101.8	-1.0	-1.1	-0.2
Capital goods	111.1	-1.8	-0.6	3.0
Intermediate goods	107.3	-1.7	-3.0	1.8
Energy	100.3	-0.6	-5.6	-0.8

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

	Index	Rate (%)	
		Annual	Year-to-date average
General Index	108.7	-2.8	0.9
Consumer goods	106.8	-1.8	-0.4
- Durable consumer goods	113.1	-1.6	-1.7
- Non-durable consumer goods	106.4	-1.8	-0.3
Capital goods	118.0	-0.9	2.8
Intermediate goods	110.8	-3.4	1.8
Energy	98.5	-5.5	-0.9

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

	Index	Rate (%)		Repercussion Annual
		Annual	Year-to-date average	
General Index	109.5	-2.8	1.2	
Consumer goods	107.8	-1.8	0.0	-0.448
- Durable consumer goods	114.3	-1.6	-1.2	-0.032
- Non-durable consumer goods	107.3	-1.8	0.1	-0.415
Capital goods	119.0	-0.9	3.2	-0.211
Intermediate goods	111.6	-3.4	2.1	-1.055
Energy	98.8	-5.5	-0.8	-1.121

**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	109.5	-2.8	1.2	
B. Mining and quarrying industries	90.4	-22.8	-4.8	-0.165
Extraction of anthracite, coal and lignite	..	..	..	..
National crude petroleum and natural gas	..	..	..	..
Extraction of metallic ores	..	..	..	..
Other mining and quarrying	99.3	-6.2	0.6	-0.033
C. Manufacturing industry	112.5	-1.7	1.8	-1.381
Food Industry	108.4	-0.3	0.6	-0.036
Manufacture of beverages.	110.2	0.3	-2.0	0.011
Tobacco industry.	..	..	..	..
Textile industry	106.5	-8.8	-1.4	-0.099
Manufacture of garments	126.7	1.6	-3.9	0.017
Leather and footwear industry	77.9	-1.9	-1.2	-0.012
Manufacture of wood and of products of wood and cork, except furniture; basketmaking and wickerwork	125.3	-2.7	4.9	-0.039
Manufacture of paper and paper-products	105.4	-0.7	0.0	-0.017
Graphic arts and reproduction of recorded media	97.0	-7.5	-3.0	-0.114
Manufacture of coke and refined petroleum products	110.2	8.2	2.9	0.177
Chemical Industry	106.9	-4.2	1.4	-0.259
Manufacture of pharmaceutical products	111.9	-4.2	2.4	-0.159
Rubber and plastic material transformation industry	111.3	-4.7	0.9	-0.220
Manufacture of other non-metallic ore products	110.8	-2.8	1.4	-0.107
Metallurgy; manufacture of iron, steel and ferro-alloy products	110.4	-3.0	1.8	-0.104
Manufacture of metal products, except machinery and equipment	115.1	-0.6	2.5	-0.048
Manufacture of computers, electronic and optical products	119.7	9.3	9.5	0.095
Manufacture of electrical material and equipment	114.3	0.2	5.2	0.006
Manufacture of machinery and equipment n.e.c.	129.3	1.1	4.9	0.059
Manufacture of motor vehicles, trailers and semi-trailers	109.9	-7.7	-0.2	-0.666
Manufacture of other transport equipment	123.7	2.6	6.2	0.075
Manufacture of furniture.	123.0	5.4	1.9	0.071
Other manufacturing industries	124.8	0.6	4.3	0.007
Repair and installation of machinery and equipment	125.1	-0.7	6.3	-0.022
D. Supply of electrical energy, gas, steam and air conditioning	98.4	-8.1	-0.7	-1.262
E. Water supply, activities, waste management and decontamination*	92.8	-1.1	-3.9	-0.026

* 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	109.5	-2.8	1.2
Andalucía	104.3	-8.5	-2.7
Aragón	115.7	-0.3	1.4
Asturias, Principado de	114.0	-3.9	2.6
Balears, Illes	83.0	-10.7	-2.8
Canarias	100.2	-7.4	0.4
Cantabria	113.7	-2.1	7.1
Castilla y León	101.7	-4.9	1.9
Castilla-La Mancha	107.0	2.9	0.3
Cataluña	114.0	-4.3	1.6
Comunitat Valenciana	109.7	3.9	1.2
Extremadura	84.5	-19.4	2.1
Galicia	111.5	0.9	5.4
Madrid, Comunidad de	110.0	3.6	1.8
Murcia, Región de	111.9	-11.2	-0.3
Navarra, Comunidad Foral de	103.3	-2.1	1.1
País Vasco	112.7	-5.4	0.7
Rioja, La	96.9	-10.2	-4.1

More detailed information by Autonomous Community may be obtained at:

Andalucía	www.juntadeandalucia.es/institutodeestadisticaycartografia
Aragón	www.aragon.es/iaest/jpi
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