

05 December 2018

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

The monthly variation of the Industrial Production Index is 1.2% after adjusting for seasonal and calendar effects

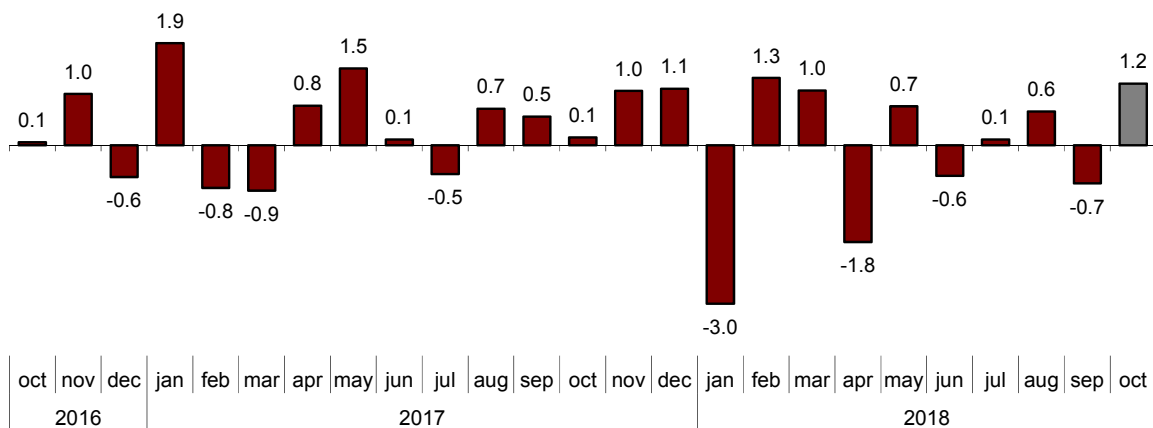
The annual rate of the Industrial Production Index stands at 0.8% in the series adjusted for seasonal and calendar effects and at 3.6% in the original series

Monthly evolution of industrial production

The monthly variation of the Industrial Production Index (IPI) between the months of October and September, after adjusting for seasonal and calendar effects, was 1.2%. This rate is 1.9 points higher than that observed in September.

General Industrial Production Index

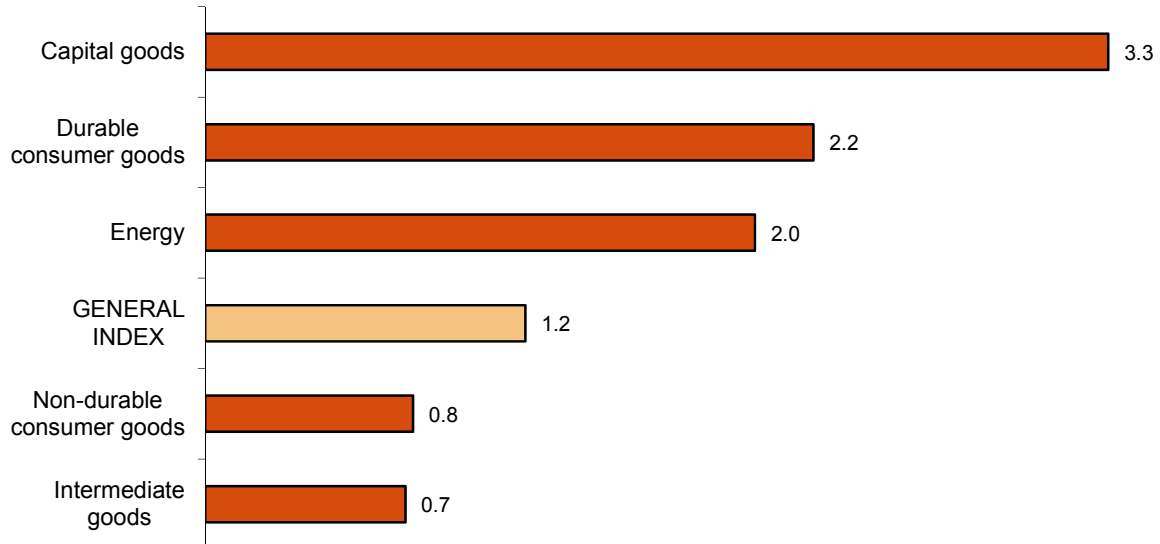
Adjusted for seasonal and calendar effects. Monthly rate (percentage)



All sectors showed positive monthly rates. It is worth highlighting the increase in *Capital goods* (3.3%) followed by *Durable consumer goods* (2.2%).

Industrial Production Indices: General and by economic destination

Adjusted for seasonal and calendar effects. October 2018. Monthly rate (percentage)



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

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 coke and refined petroleum products	11.6
Other manufacturing industries	10.3
Tobacco industry	7.2

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	-9.9
Graphic arts and reproduction of recorded media	-7.3
Manufacture of garments	-3.4

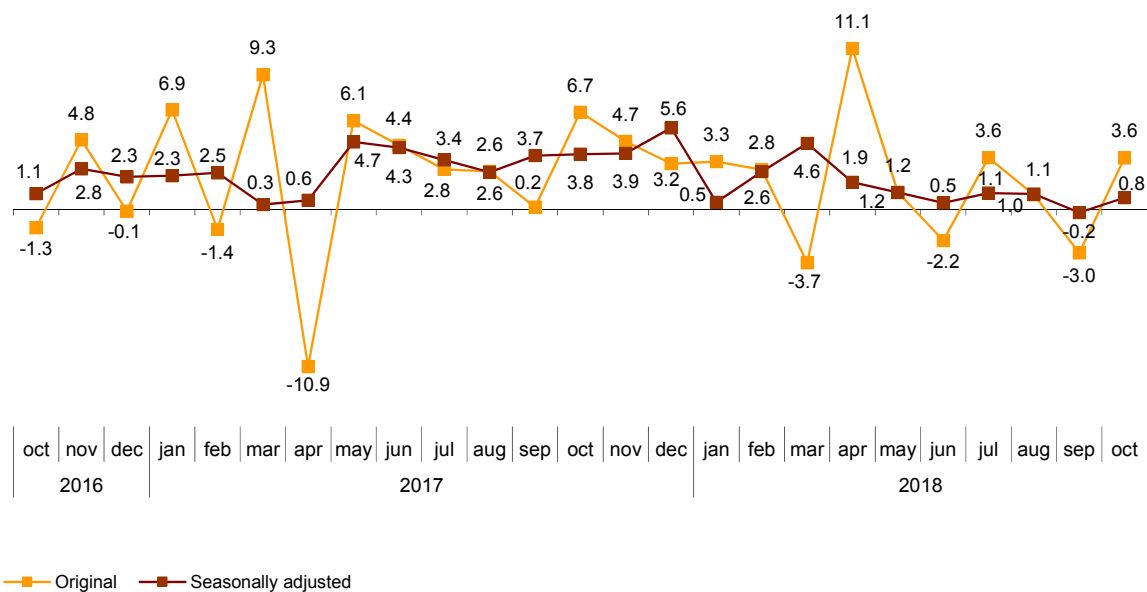
Annual evolution of industrial production

The Industrial Production Index, adjusted for seasonal and calendar effects, recorded a variation rate of 0.8% in October, as compared to the same month of the previous year. This rate is 1.0 points higher than that observed in September.

The original series of the IPI experienced an annual variation of 3.6%. This rate is 6.6 points higher than that of September.

General Industrial Production Index.

Annual rate (percentage)



By sectors, *Capital goods* (3.6%), *Intermediate goods* (0.5%) and *Non-durable consumer goods* (0.2%) showed positive annual rates. On the other hand, *Energy* (-1.0%) and *Durable consumer goods* (-0.7%) 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	3.6	0.8
Consumer goods	3.9	0.2
- Durable consumer goods	3.8	-0.7
- Non-durable consumer goods	3.9	0.2
Capital goods	7.3	3.6
Intermediate goods	2.9	0.5
Energy	-0.2	-1.0

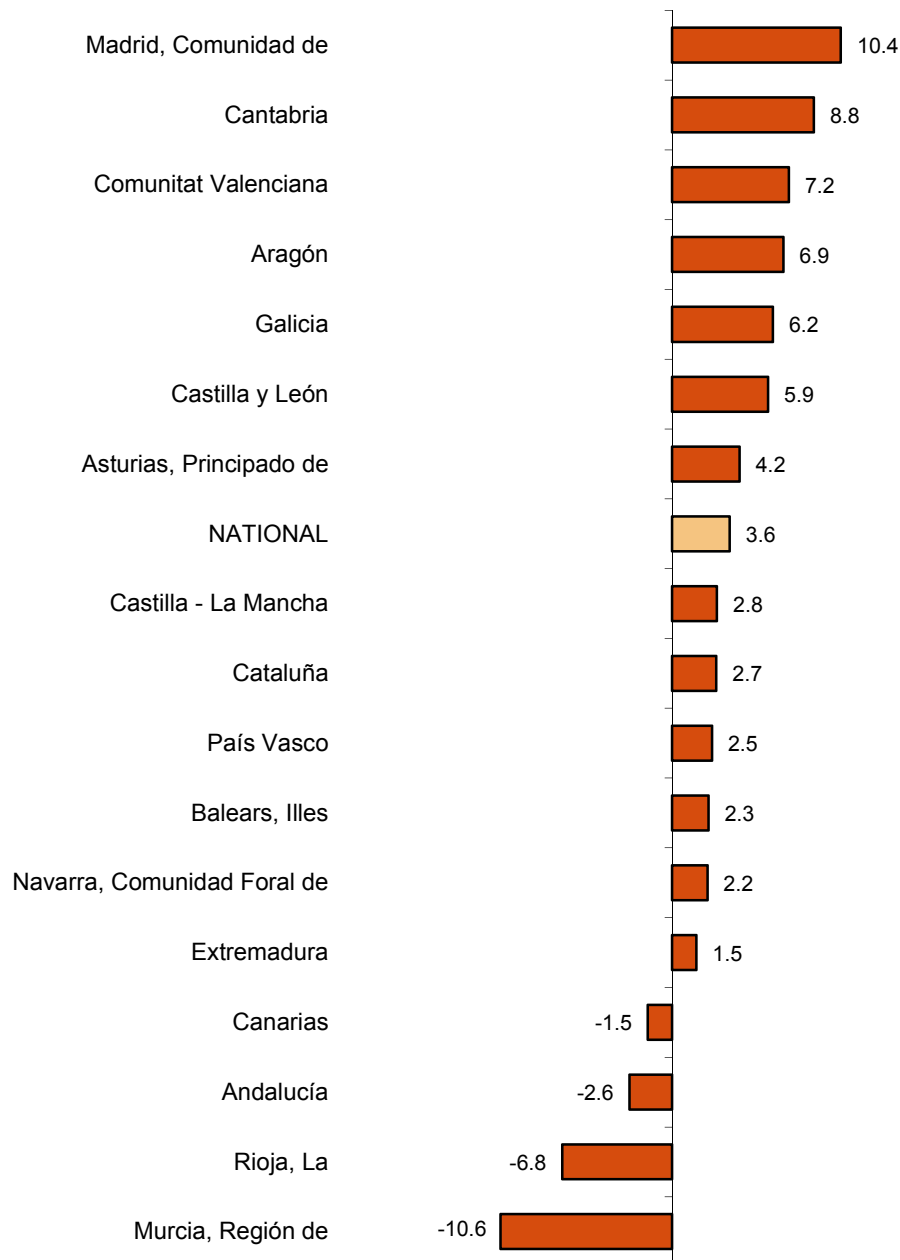
Results by Autonomous Communities. Annual variation rates of industrial production. Original series

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

The largest decreases were recorded in Región de Murcia (-10.6%), La Rioja (-6.8%) and Andalucía (-2.6%). The largest increases were recorded in Comunidad de Madrid (10.4%), Cantabria (8.8%) and Comunitat Valenciana (7.2%).

General indices: national and by Autonomous Communities

October 2018. Annual rate (percentage)



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 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

October 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	106.8	1.2	0.8	1.4
Consumer goods	103.4	1.0	0.2	-0.2
- Durable consumer goods	106.2	2.2	-0.7	-1.7
- Non-durable consumer goods	102.9	0.8	0.2	0.0
Capital goods	114.0	3.3	3.6	3.5
Intermediate goods	109.7	0.7	0.5	2.3
Energy	100.9	2.0	-1.0	-0.3

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

	Index	Rate (%)	
		Annual	Year-to-date average
General Index	111.8	1.0	1.3
Consumer goods	109.9	0.6	-0.3
- Durable consumer goods	116.1	-0.1	-1.9
- Non-durable consumer goods	109.6	1.0	-0.3
Capital goods	122.1	3.8	3.3
Intermediate goods	115.4	0.4	2.3
Energy	98.6	-0.9	-0.4

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

	Index	Rate (%)		Repercussion Annual
		Annual	Year-to-date average	
General Index	113.4	3.6	1.6	
Consumer goods	111.8	3.9	0.1	0.996
- Durable consumer goods	118.6	3.8	-1.4	0.081
- Non-durable consumer goods	111.3	3.9	0.2	0.916
Capital goods	124.3	7.3	3.7	1.709
Intermediate goods	117.0	2.9	2.6	0.903
Energy	99.1	-0.2	-0.3	-0.031

**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	113.4	3.6	1.6	
B. Mining and quarrying industries	96.0	-12.8	-2.8	-0.090
Extraction of anthracite, coal and lignite	..	..	..	..
National crude petroleum and natural gas	..	..	..	..
Extraction of metallic ores	..	..	..	..
Other mining and quarrying	101.6	3.6	1.2	0.018
C. Manufacturing industry	117.5	4.8	2.2	3.963
Food Industry	112.1	6.4	0.7	0.730
Manufacture of beverages.	110.1	4.4	-2.1	0.141
Tobacco industry.	..	..	..	..
Textile industry	112.8	0.4	-0.6	0.004
Manufacture of garments	136.4	-12.8	-4.7	-0.169
Leather and footwear industry	88.5	-1.6	-1.2	-0.012
Manufacture of wood and of products of wood and cork, except furniture; basketmaking and wickerwork	120.6	-0.8	5.7	-0.011
Manufacture of paper and paper-products	105.3	1.7	0.1	0.040
Graphic arts and reproduction of recorded media	91.9	-15.2	-3.0	-0.245
Manufacture of coke and refined petroleum products	117.7	12.0	2.4	0.276
Chemical Industry	114.7	3.9	2.1	0.245
Manufacture of pharmaceutical products	117.1	8.2	2.7	0.298
Rubber and plastic material transformation industry	116.9	0.8	1.5	0.040
Manufacture of other non-metallic ore products	114.6	2.0	1.8	0.076
Metallurgy; manufacture of iron, steel and ferro-alloy products	117.2	3.1	2.3	0.110
Manufacture of metal products, except machinery and equipment	121.1	4.6	2.9	0.380
Manufacture of computers, electronic and optical products	116.6	16.3	8.8	0.158
Manufacture of electrical material and equipment	121.5	10.0	5.7	0.284
Manufacture of machinery and equipment n.e.c.	134.1	8.4	5.3	0.435
Manufacture of motor vehicles, trailers and semi-trailers	112.7	1.5	0.6	0.127
Manufacture of other transport equipment	143.0	18.7	6.6	0.563
Manufacture of furniture.	129.4	10.6	1.5	0.145
Other manufacturing industries	137.9	14.1	4.4	0.171
Repair and installation of machinery and equipment	128.9	6.4	7.3	0.193
D. Supply of electrical energy, gas, steam and air conditioning	96.5	-2.3	0.1	-0.337
E. Water supply, activities, waste management and decontamination*	99.5	1.6	-4.2	0.041

* 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	113.4	3.6	1.6
Andalucía	105.6	-2.6	-2.0
Aragón	115.5	6.9	1.6
Asturias, Principado de	117.5	4.2	3.4
Balears, Illes	99.0	2.3	-2.0
Canarias	103.9	-1.5	1.3
Cantabria	122.8	8.8	8.1
Castilla y León	110.0	5.9	2.8
Castilla-La Mancha	110.1	2.8	-0.2
Cataluña	116.6	2.7	2.3
Comunitat Valenciana	110.0	7.2	0.9
Extremadura	107.3	1.5	4.2
Galicia	116.5	6.2	5.9
Madrid, Comunidad de	115.4	10.4	1.3
Murcia, Región de	114.3	-10.6	1.0
Navarra, Comunidad Foral de	113.9	2.2	1.5
País Vasco	117.3	2.5	1.4
Rioja, La	98.1	-6.8	-3.2

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