

10 January 2020

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

The monthly variation of the Industrial Production Index stands at 1.0%, after adjusting for seasonal and calendar effects

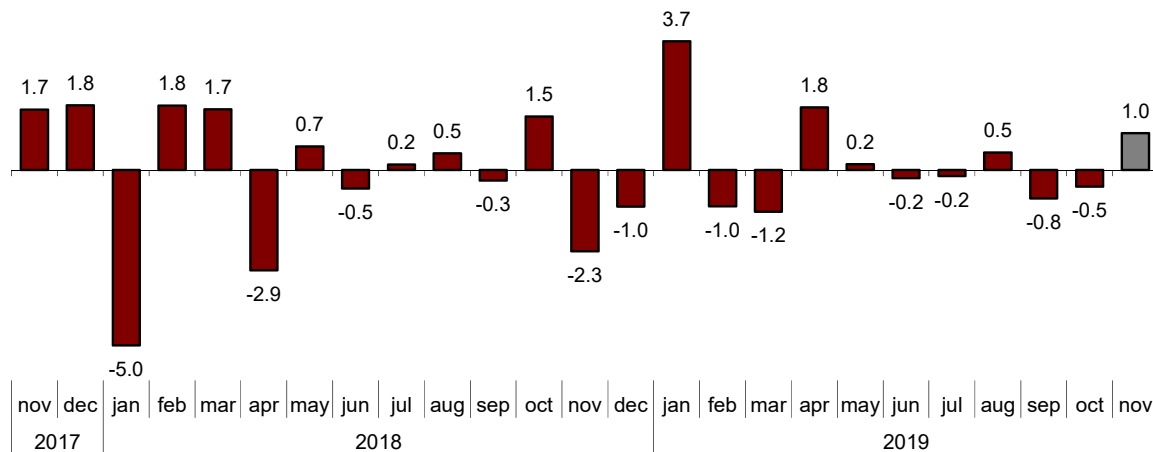
The annual rate of the Industrial Production Index stands at 2.1% in the series adjusted for seasonal and calendar effects and at -0.5% in the original series

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 1.0%. This rate is 1.5 points higher than that observed in October.

General Industrial Production Index

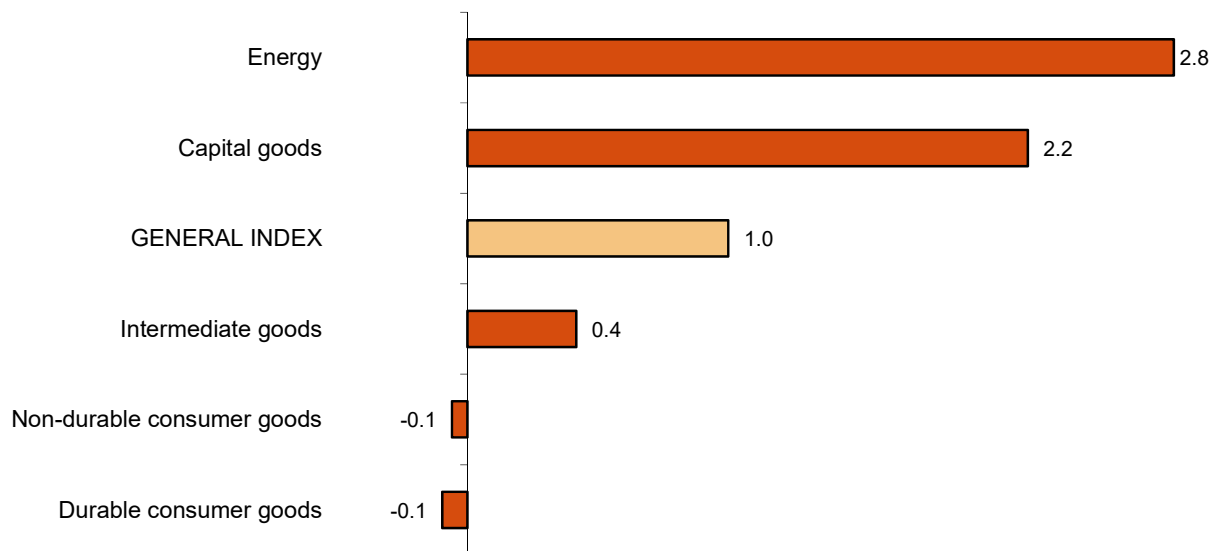
Adjusted for seasonal and calendar effects. Monthly rate (percentage)



By sectors, *Energy* (2.8%), *Capital goods* (2.2%) and *Intermediate goods* (0,4%) showed positive monthly rates. On the other hand, *Durable consumer goods* (-0.1%) and *Non-durable consumer goods* (-0.1%) showed negative monthly rates.

Industrial Production Indices: General and by economic destination

Adjusted for seasonal and calendar effects. November 2019. 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 (%)
Tobacco industry	35.0
Other mining and quarrying	11.1
Supply of electrical energy, gas, steam and air conditioning	4.4

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	-22.8
Graphic arts and reproduction of recorded media	-4.6
Manufacture of coke and refined petroleum products	-2.5

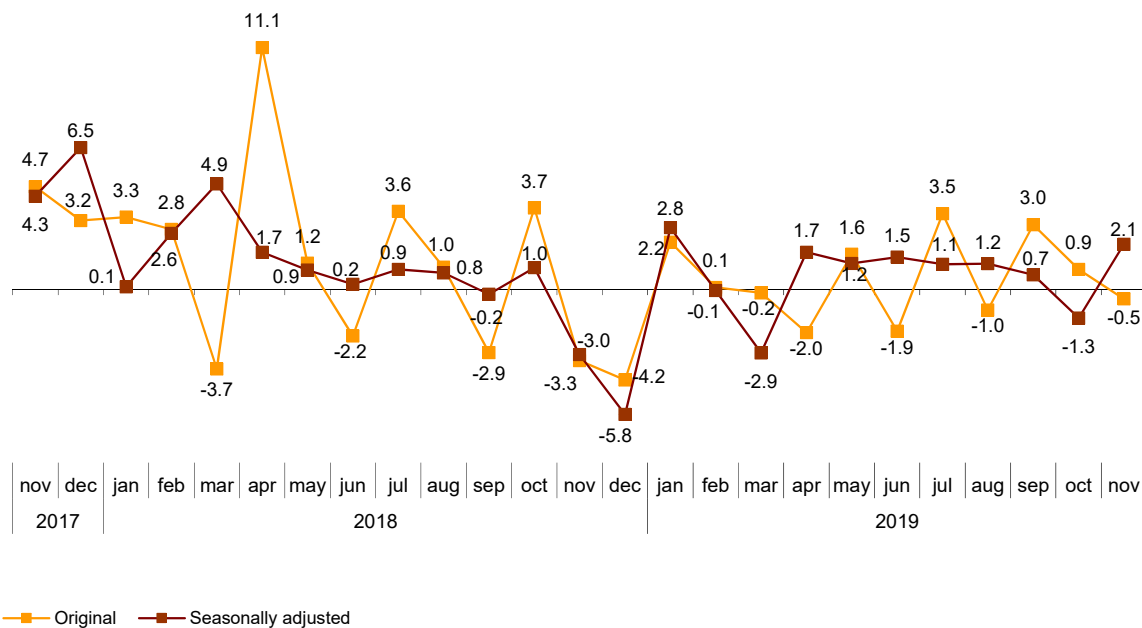
Annual evolution of industrial production

The Industrial Production Index, adjusted for seasonal and calendar effects, recorded a variation rate of 2.1% in November, as compared to the same month of the previous year. This rate is 3.4 points higher than that registered in October.

The original IPI series experienced an annual variation of -0.5%. This rate is 1.4 points lower than that of October.

General Industrial Production Index

Annual rate (percentage)



By sectors, *Capital goods* (6.2%), *Non-durable consumer goods* (1.5%) and *Intermediate goods* (0.7%) showed positive annual rates. On the other hand, *Durable consumer goods* (-1.3%) and *Energy* (-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	-0.5	2.1
Consumer goods	-1.5	1.9
- Durable consumer goods	-4.9	-1.3
- Non-durable consumer goods	-1.2	1.5
Capital goods	3.2	6.2
Intermediate goods	-2.0	0.7
Energy	-1.2	-0.5

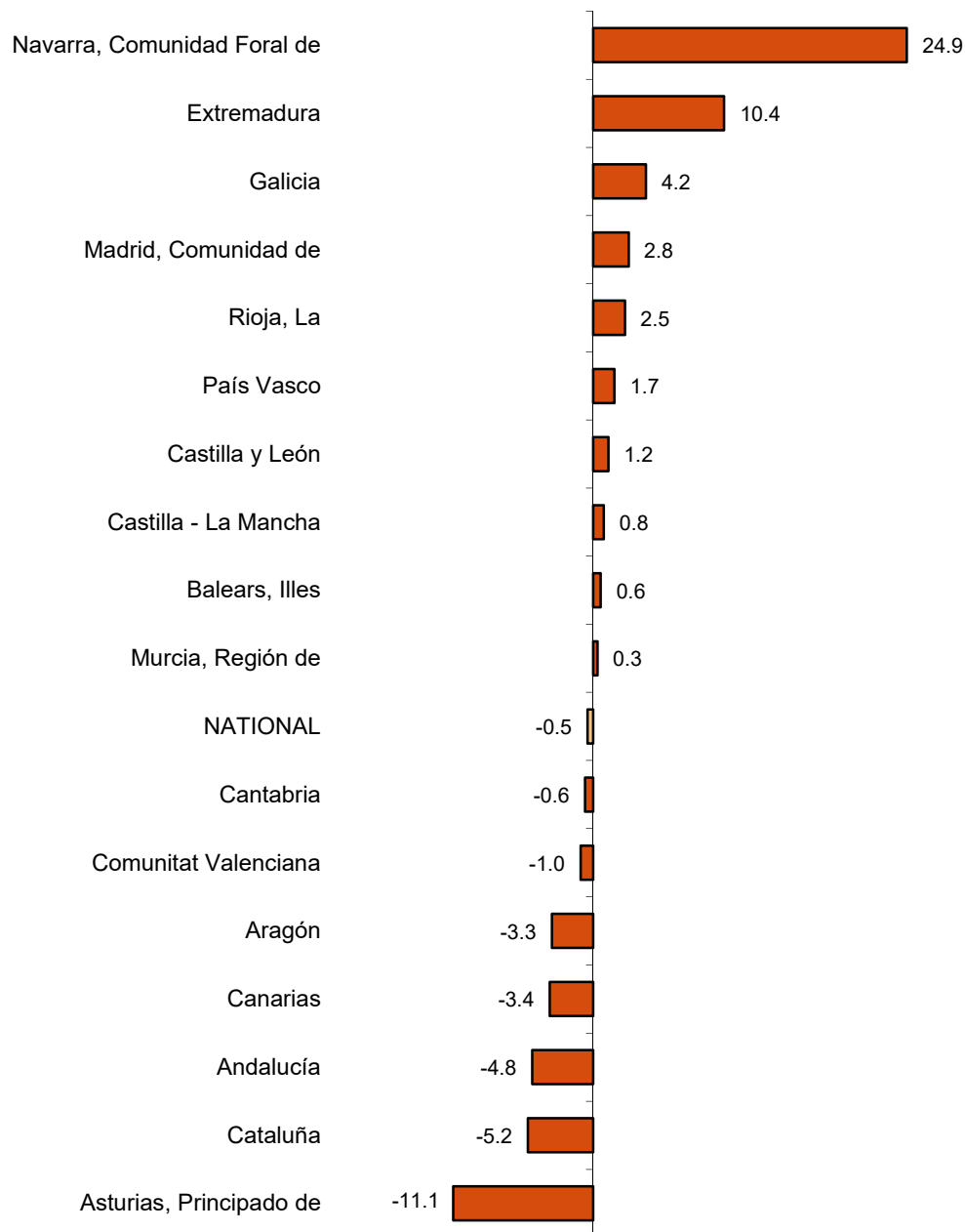
Results by Autonomous Communities. Annual variation rates of industrial production. Original series

The annual rate of industrial production increased as compared to November 2018 in ten Autonomous Communities and decreased in the other seven.

The largest increases were recorded in Comunidad Foral de Navarra (24.9%), Extremadura (10.4%) and Galicia (4.2%). The largest decreases were recorded in Principado de Asturias (-11.1%), Cataluña (-5.2%) and Andalucía (-4.8%).

General indices: national and by Autonomous Communities

November 2019. Annual rate (percentage)



Data Review and Updates

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

And the standardised methodological report at:

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

More information at INEbase - www.ine.es Twitter: [@es_ine](https://twitter.com/es_ine) All press releases in: www.ine.es/prensa/prensa.htm

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Industrial Production Indices. Base 2015

November 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	106.7	1.0	2.1	0.7
Consumer goods	103.6	0.6	1.9	1.6
- Durable consumer goods	103.0	-0.1	-1.3	-1.7
- Non-durable consumer goods	103.5	-0.1	1.5	1.6
Capital goods	117.3	2.2	6.2	2.5
Intermediate goods	107.8	0.4	0.7	-0.7
Energy	99.7	2.8	-0.5	-0.4

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

	Index	Rate (%)	
		Annual	Year-to-date average
General Index	110.4	2.1	0.8
Consumer goods	107.5	1.8	1.7
- Durable consumer goods	112.6	-1.2	-1.5
- Non-durable consumer goods	106.8	1.7	2.1
Capital goods	125.9	6.5	2.6
Intermediate goods	110.6	0.5	-0.7
Energy	98.1	-0.5	-0.3

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

	Index	Rate (%)		Repercussion Annual
		Annual	Year-to-date average	
General Index	108.5	-0.5	0.5	
Consumer goods	105.0	-1.5	1.5	-0.388
- Durable consumer goods	109.6	-4.9	-1.8	-0.105
- Non-durable consumer goods	104.6	-1.2	1.7	-0.283
Capital goods	122.9	3.2	2.3	0.782
Intermediate goods	108.6	-2.0	-0.9	-0.607
Energy	97.6	-1.2	-0.4	-0.240

**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	108.5	-0.5	0.5	
B. Mining and quarrying industries	109.7	23.7	-0.4	0.134
Extraction of anthracite, coal and lignite	..	..	..	..
National crude petroleum and natural gas	..	..	..	..
Extraction of metallic ores	..	..	..	..
Other mining and quarrying	116.7	20.2	9.2	0.102
C. Manufacturing industry	111.0	-0.8	0.7	-0.672
Food Industry	104.6	-3.2	2.2	-0.378
Manufacture of beverages.	109.8	1.6	4.4	0.051
Tobacco industry.	..	..	..	..
Textile industry	99.4	-7.6	-5.3	-0.081
Manufacture of garments	116.4	-6.8	-1.3	-0.072
Leather and footwear industry	77.0	-0.7	-2.0	-0.005
Manufacture of wood and of products of wood and cork, except furniture; basketmaking and wickerwork	114.6	-8.5	-4.9	-0.121
Manufacture of paper and paper-products	100.6	-3.7	-0.8	-0.087
Graphic arts and reproduction of recorded media	77.3	-17.6	-6.9	-0.248
Manufacture of coke and refined petroleum products	97.8	-12.8	-2.4	-0.315
Chemical Industry	104.1	-1.8	0.0	-0.108
Manufacture of pharmaceutical products	117.8	8.1	3.7	0.297
Rubber and plastic material transformation industry	109.7	-0.7	-0.1	-0.034
Manufacture of other non-metallic ore products	110.2	0.0	2.4	0.000
Metallurgy; manufacture of iron, steel and ferro-alloy products	103.4	-5.1	-4.7	-0.176
Manufacture of metal products, except machinery and equipment	112.9	-1.0	3.4	-0.086
Manufacture of computers, electronic and optical products	130.5	9.0	7.7	0.104
Manufacture of electrical material and equipment	118.5	4.1	-1.9	0.121
Manufacture of machinery and equipment n.e.c.	146.6	14.1	1.7	0.766
Manufacture of motor vehicles, trailers and semi-trailers	106.6	-3.3	-0.7	-0.269
Manufacture of other transport equipment	122.3	-1.0	0.1	-0.032
Manufacture of furniture.	116.1	-6.4	-0.7	-0.093
Other manufacturing industries	122.9	-2.3	5.7	-0.029
Repair and installation of machinery and equipment	130.6	3.2	0.7	0.103
D. Supply of electrical energy, gas, steam and air conditioning	98.7	0.3	-1.6	0.045
E. Water supply, activities, waste management and decontamination*	93.1	1.7	8.5	0.040

* 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	108.5	-0.5	0.5
Andalucía	98.0	-4.8	1.8
Aragón	110.6	-3.3	0.3
Asturias, Principado de	102.9	-11.1	-3.9
Balears, Illes	82.1	0.6	-6.9
Canarias	96.8	-3.4	-2.2
Cantabria	113.1	-0.6	-1.4
Castilla y León	103.1	1.2	-1.5
Castilla-La Mancha	107.3	0.8	3.1
Cataluña	107.3	-5.2	-1.5
Comunitat Valenciana	107.8	-1.0	1.4
Extremadura	87.9	10.4	-2.6
Galicia	116.5	4.2	-4.5
Madrid, Comunidad de	112.8	2.8	2.4
Murcia, Región de	112.6	0.3	8.0
Navarra, Comunidad Foral de	129.9	24.9	8.9
País Vasco	114.7	1.7	2.1
Rioja, La	95.8	2.5	1.1

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