

05 December 2019

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

The monthly variation of the Industrial Production Index is -0.4% after adjusting for seasonal and calendar effects

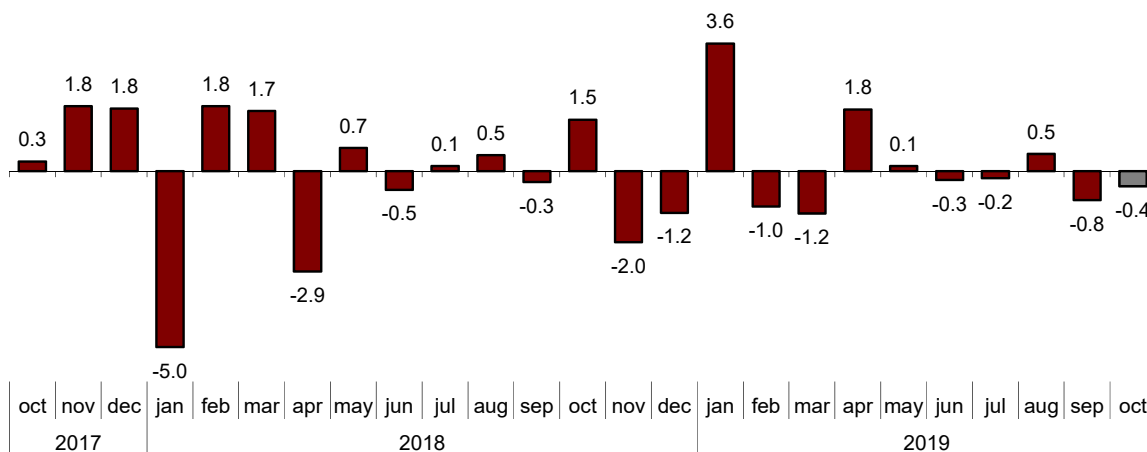
The annual rate of the Industrial Production Index stands at -1.3% in the series adjusted for seasonal and calendar effects and at 1.1% in the original series

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 -0.4%. This rate is 0.4 points higher than that observed in September.

General Industrial Production Index

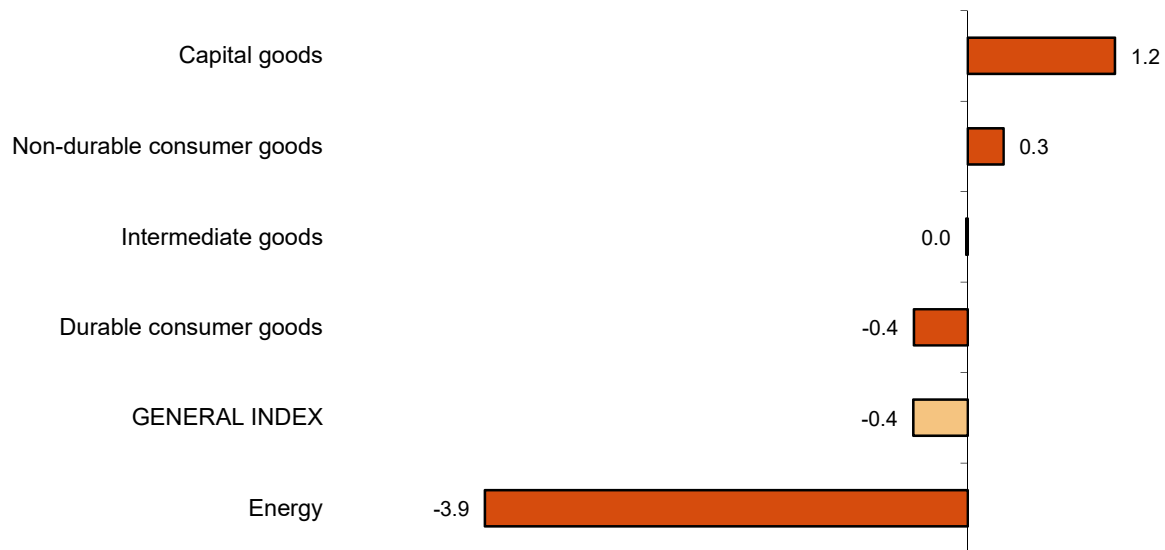
Adjusted for seasonal and calendar effects. Monthly rate (percentage)



By sectors, *Capital goods* (1.2%) and *Non-durable consumer goods* (0.3%) showed positive monthly rates. On the other hand *Energy* (−3.9%), *Durable consumer goods* (−0.4%) and *Intermediate goods* (−0.4%) showed negative monthly rates.

Industrial Production Indices: General and by economic destination

Adjusted for seasonal and calendar effects. October 2019. 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 machinery and equipment n.e.c.	7.9
Manufacture of computers, electronic and optical products	7.3
Manufacture of beverages	4.2

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	-31.8
Tobacco industry	-15.6
Other manufacturing industries	-7.5

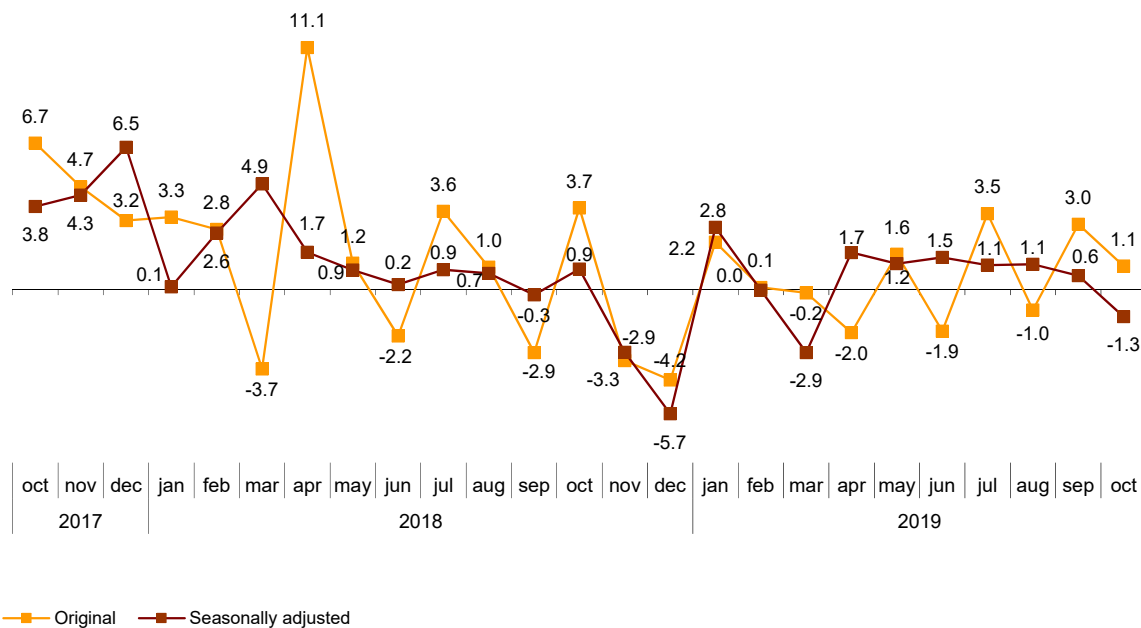
Annual evolution of industrial production

The Industrial Production Index, adjusted for seasonal and calendar effects, recorded a variation rate of -1.3% in October, as compared to the same month of the previous year. This rate is 1.9 points lower than that observed in September.

The original IPI series experienced an annual variation of 1.1%. This rate is 1.9 points lower than that of September.

General Industrial Production Index

Annual rate (percentage)



By sectors, *Capital goods* (0.8%) and *Non-durable consumer goods* (0.8%) showed positive annual rates. On the other hand *Energy* (-4.4%), *Durable consumer goods* (-2.3%) and *Intermediate goods* (-2.0%) 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	1.1	-1.3
Consumer goods	2.3	-0.7
- Durable consumer goods	1.9	-2.3
- Non-durable consumer goods	2.4	0.8
Capital goods	4.2	0.8
Intermediate goods	0.5	-2.0
Energy	-3.8	-4.4

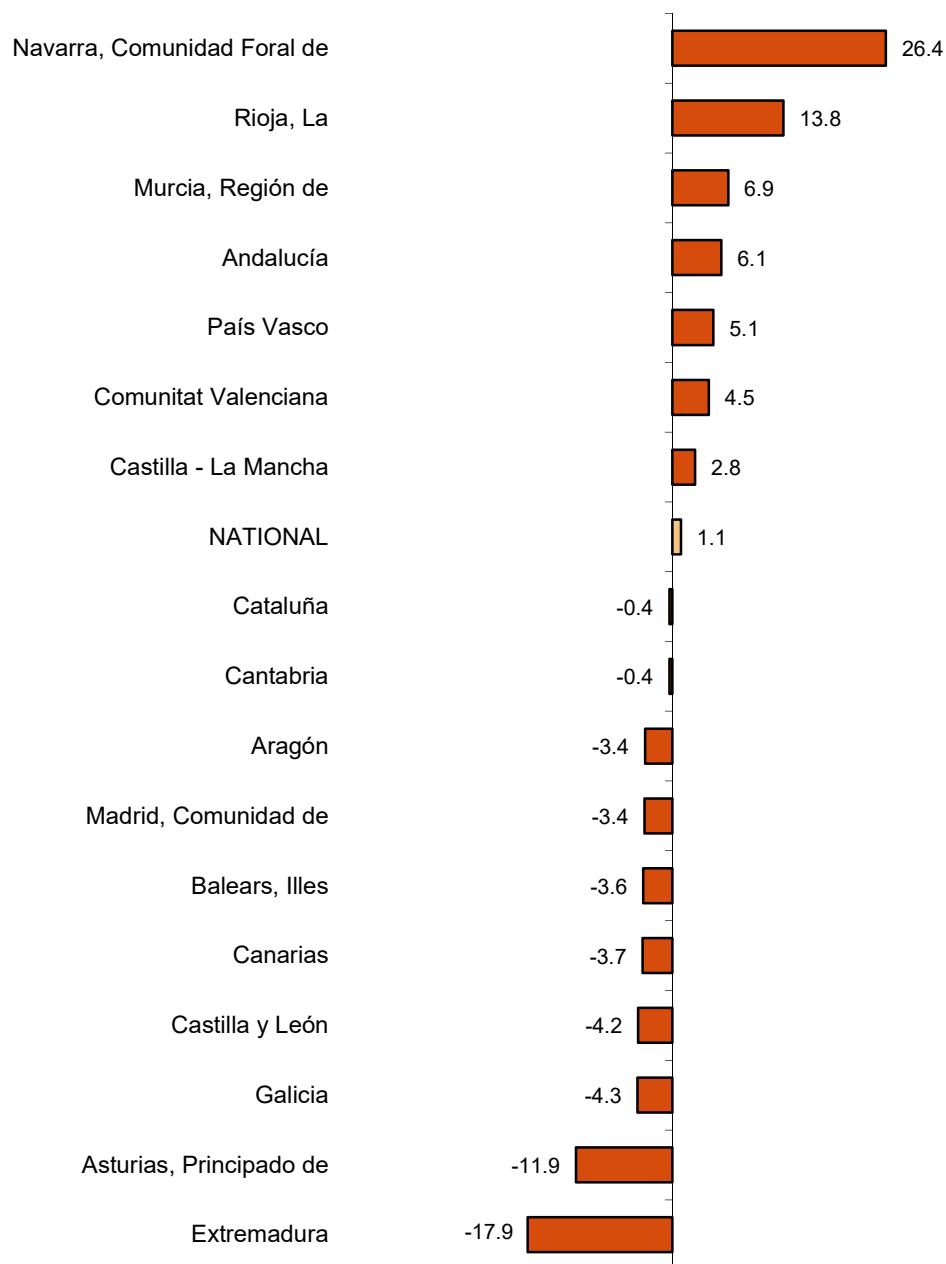
Results by Autonomous Communities. Annual variation rates of industrial production. Original series

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

The largest increases were recorded in Comunidad Foral de Navarra (26.4%), La Rioja (13.8%) and Región de Murcia (6.9%). The largest decreases were recorded in Extremadura (-17.9%), Principado de Asturias (-11.9%) and Galicia (-4.3%).

General indices: national and by Autonomous Communities

October 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

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

October 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	105.5	-0.4	-1.3	0.6
Consumer goods	103.2	-0.1	-0.7	1.6
- Durable consumer goods	103.3	-0.4	-2.3	-1.7
- Non-durable consumer goods	103.9	0.3	0.8	1.7
Capital goods	114.2	1.2	0.8	2.1
Intermediate goods	107.3	0.0	-2.0	-0.9
Energy	96.9	-3.9	-4.4	-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	-1.4	0.6
Consumer goods	109.5	-1.0	1.7
- Durable consumer goods	114.3	-2.0	-1.6
- Non-durable consumer goods	109.9	-0.4	2.2
Capital goods	122.9	1.0	2.1
Intermediate goods	113.3	-2.0	-0.8
Energy	94.1	-4.6	-0.3

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

	Index	Rate (%)		Repercussion Annual
		Annual	Year-to-date average	
General Index	114.8	1.1	0.7	
Consumer goods	115.3	2.3	1.8	0.605
- Durable consumer goods	121.3	1.9	-1.4	0.040
- Non-durable consumer goods	114.8	2.4	2.1	0.565
Capital goods	129.1	4.2	2.2	1.024
Intermediate goods	117.8	0.5	-0.8	0.166
Energy	95.3	-3.8	-0.3	-0.728

**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	114.8	1.1	0.7	
B. Mining and quarrying industries	106.3	8.9	-2.7	0.053
Extraction of anthracite, coal and lignite	..	..	..	..
National crude petroleum and natural gas	..	..	..	..
Extraction of metallic ores	..	..	..	..
Other mining and quarrying	112.9	9.0	8.1	0.046
C. Manufacturing industry	119.8	1.8	0.9	1.466
Food Industry	115.0	2.6	2.8	0.303
Manufacture of beverages.	114.4	5.5	4.6	0.174
Tobacco industry.	..	..	..	..
Textile industry	110.8	-2.2	-5.1	-0.023
Manufacture of garments	140.8	-0.4	0.0	-0.004
Leather and footwear industry	89.1	0.6	-2.2	0.004
Manufacture of wood and of products of wood and cork, except furniture; basketmaking and wickerwork	120.5	-1.1	-4.5	-0.015
Manufacture of paper and paper-products	104.8	-0.5	-0.5	-0.010
Graphic arts and reproduction of recorded media	92.5	-2.5	-5.6	-0.034
Manufacture of coke and refined petroleum products	104.9	-10.9	-1.4	-0.269
Chemical Industry	113.8	0.5	0.2	0.032
Manufacture of pharmaceutical products	125.4	1.7	3.1	0.068
Rubber and plastic material transformation industry	119.3	2.1	0.0	0.099
Manufacture of other non-metallic ore products	121.3	5.5	2.6	0.207
Metallurgy; manufacture of iron, steel and ferro-alloy products	110.0	-6.2	-4.6	-0.219
Manufacture of metal products, except machinery and equipment	124.6	4.0	3.8	0.334
Manufacture of computers, electronic and optical products	136.8	11.0	7.7	0.126
Manufacture of electrical material and equipment	123.5	1.4	-2.5	0.041
Manufacture of machinery and equipment n.e.c.	149.6	11.8	0.4	0.638
Manufacture of motor vehicles, trailers and semi-trailers	115.1	1.7	-0.5	0.142
Manufacture of other transport equipment	133.6	-6.7	0.3	-0.232
Manufacture of furniture.	130.2	1.0	0.0	0.015
Other manufacturing industries	130.3	-6.8	6.6	-0.093
Repair and installation of machinery and equipment	134.4	6.5	0.6	0.197
D. Supply of electrical energy, gas, steam and air conditioning	92.9	-3.8	-1.8	-0.534
E. Water supply, activities, waste management and decontamination*	103.0	3.2	9.2	0.081

* 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	114.8	1.1	0.7
Andalucía	110.9	6.1	2.4
Aragón	111.6	-3.4	0.8
Asturias, Principado de	103.3	-11.9	-3.1
Balears, Illes	94.6	-3.6	-6.9
Canarias	99.6	-3.7	-2.1
Cantabria	121.7	-0.4	-1.5
Castilla y León	104.2	-4.2	-1.6
Castilla-La Mancha	115.1	2.8	3.3
Cataluña	116.1	-0.4	-1.1
Comunitat Valenciana	114.9	4.5	1.6
Extremadura	86.9	-17.9	-3.5
Galicia	111.6	-4.3	-5.5
Madrid, Comunidad de	114.7	-3.4	2.3
Murcia, Región de	122.1	6.9	8.8
Navarra, Comunidad Foral de	144.8	26.4	7.5
País Vasco	122.6	5.1	2.1
Rioja, La	108.9	13.8	1.3

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