

07 February 2020

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

The monthly variation of the Industrial Production Index stands at -1.4%, 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 1.7% in the original series

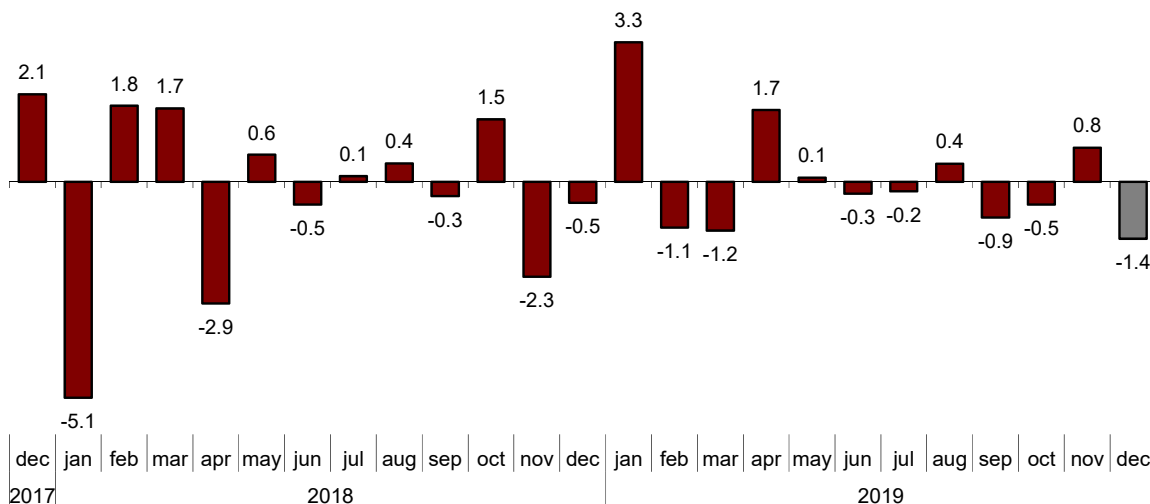
Throughout the year 2019, industrial production increases by 0.6%, both in the adjusted series and in the original series

Monthly evolution of industrial production

After adjusting for seasonal and calendar effects, the monthly variation of the Industrial Production Index (IPI) between December and November stood at -1.4%. This rate is 2.2 points lower than that observed in November.

General Industrial Production Index

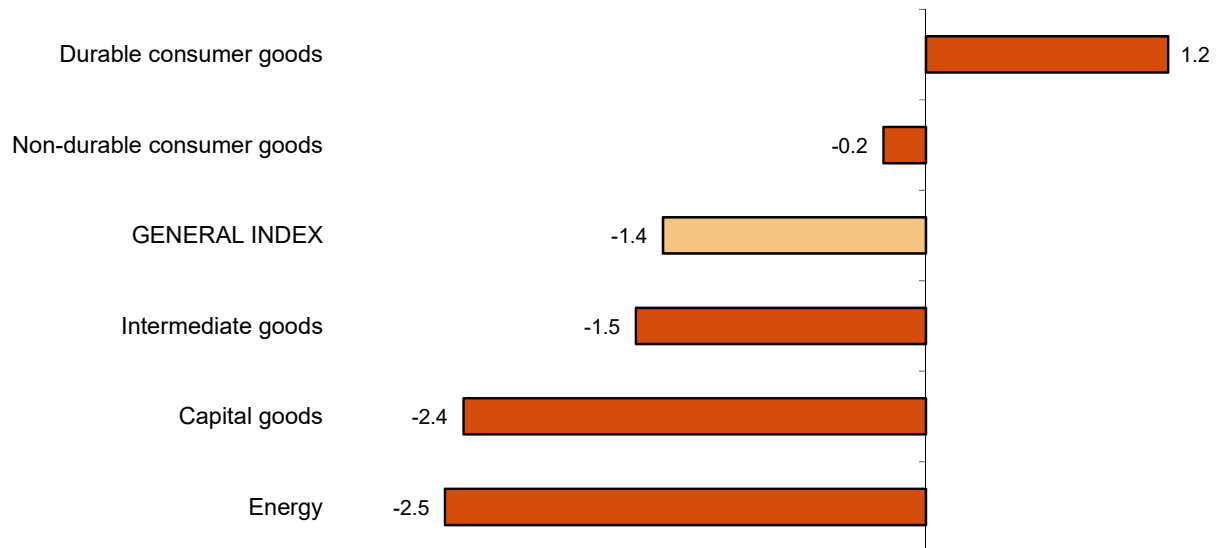
Adjusted for seasonal and calendar effects. Monthly rate (percentage)



Four of the five sectors showed negative monthly rates. It is worth highlighting the decrease in *Energy* (-2.5%) followed by *Capital goods* (-2.4%). The only sector that increased was *Durable consumer goods* (1.2%).

Industrial Production Indices: General and by economic destination

Adjusted for seasonal and calendar effects. December 2019. Monthly rate (percentage)



In a more detailed analysis, it is possible to observe the branches of activity with the highest and lowest monthly rates in the month of December.

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	8.9
Manufacture of coke and refined petroleum products	4.8
Manufacture of garments	2.8

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	-37.7
Tobacco industry	-22.4
Manufacture of machinery and equipment n.e.c.	-9.7

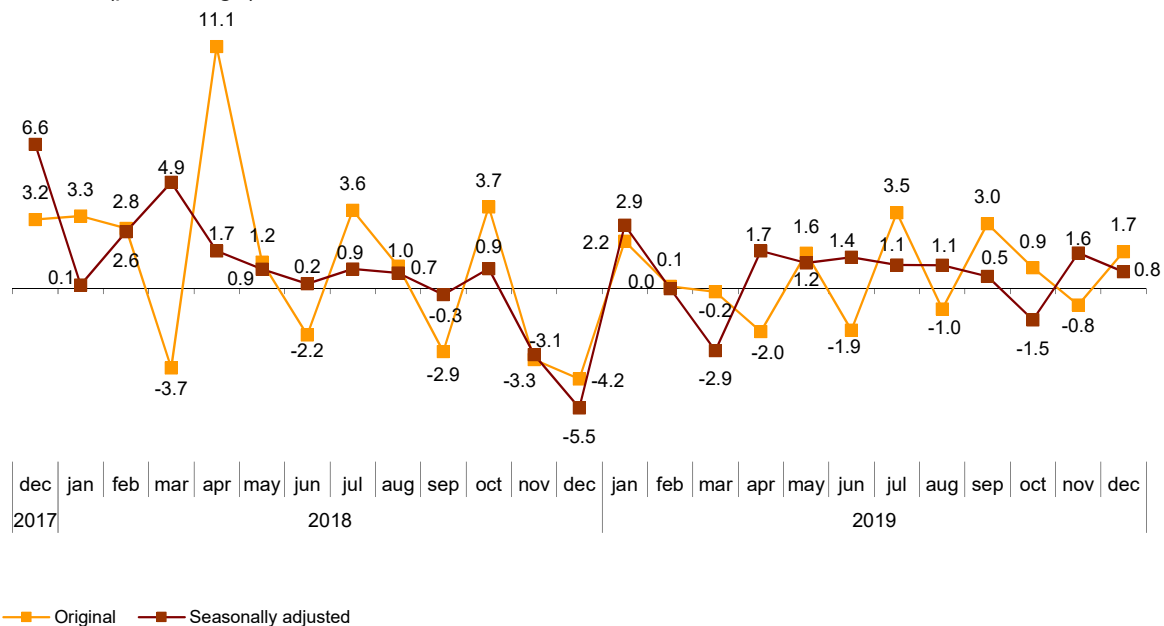
Annual evolution of industrial production

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

The original IPI series experienced an annual variation of 1.7%. This rate is 2.5 points higher than that of November.

General Industrial Production Index

Annual rate (percentage)



By sectors, *Durable consumer goods* (6.2%) and *Capital goods* (3.8%) showed positive annual rates. On the other hand *Intermediate goods* (-1.2%), *Non-durable consumer goods* (-0.1%) and *Energy* (0.0%) showed negative annual rates.

Throughout the year 2019, industrial production increased by 0.6% in the adjusted series and 2.6% in the original series

Annual rates of industrial production indices: General and by economic destination of the goods

	Original index	Seasonally adjusted index	
	Annual rate (%)	Annual rate (%)	Rate of the 2019 average (%)
General Index	1,7	0,8	0,6
Consumer goods	2,1	0,4	1,4
- Durable consumer goods	8,3	6,2	-1,0
- Non-durable consumer goods	1,6	-0,1	1,4
Capital goods	5,1	3,8	2,5
Intermediate goods	-0,1	-1,2	-0,8
Energy	0,2	0,0	-0,4

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

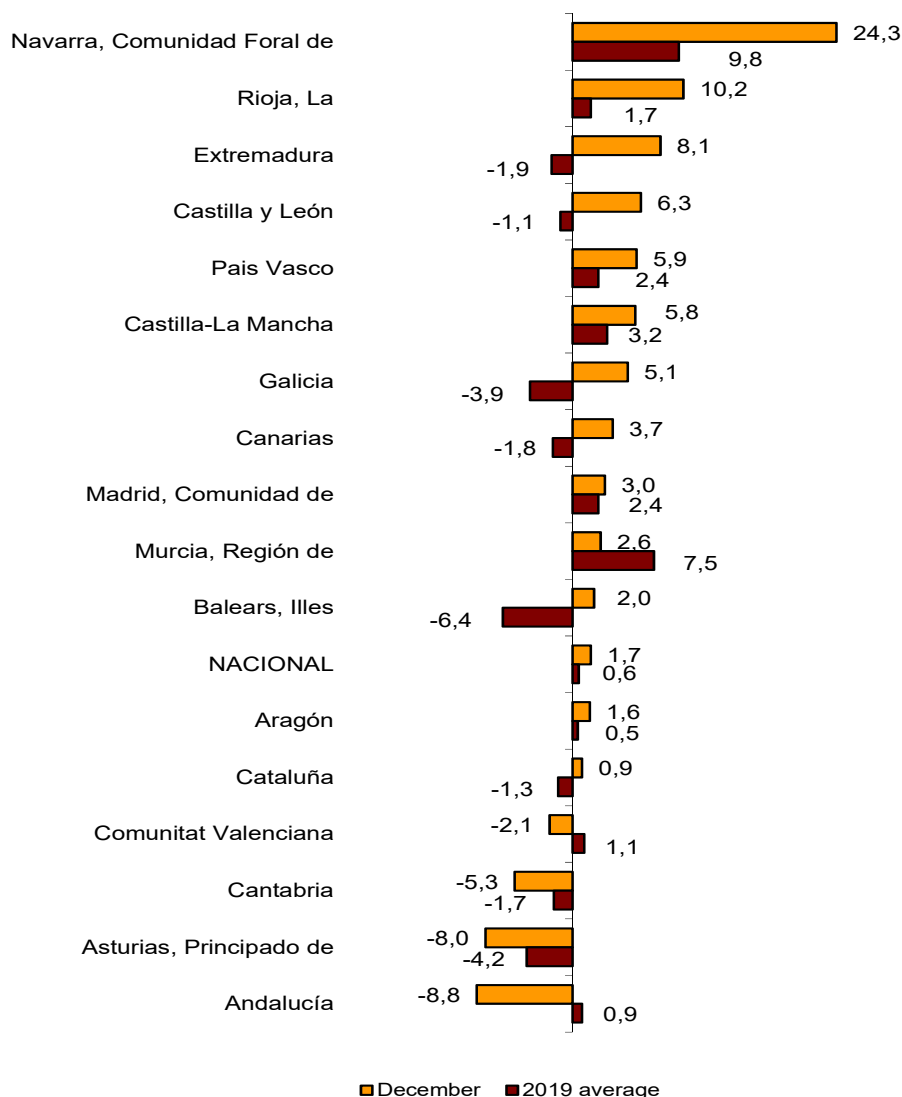
The annual rate of industrial production increased as compared to December 2018 in 13 Autonomous Communities and decreased in the other four.

The largest increases were recorded in Comunidad Foral de Navarra (24.3%), La Rioja (10.2%) and Extremadura (8.1%). The largest decreases were recorded in Andalucía (-8.8%), Principado de Asturias (-8.0%) and Cantabria (-5.3%).

For the year 2019 as a whole, industrial production increased in nine Autonomous Communities. Comunidad Foral de Navarra (9.8%), Murcia (7.5%) and Castilla-La Mancha (3.2%) showed the highest average annual rates. In turn, Illes Balears (-6.4%), Principado de Asturias (-4.2%) and Galicia (-3.9%) experienced the most negative rates.

General indices: national and by Autonomous Communities

December 2019 and 2019 average. 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>

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Industrial Production Indices. Base 2015

December 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	104.7	-1.4	0.8	0.6
Consumer goods	102.4	-0.7	0.4	1.4
- Durable consumer goods	104.8	1.2	6.2	-1.0
- Non-durable consumer goods	102.7	-0.2	-0.1	1.4
Capital goods	112.9	-2.4	3.8	2.5
Intermediate goods	106.1	-1.5	-1.2	-0.8
Energy	97.0	-2.5	0.0	-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	95.3	0.1	0.7
Consumer goods	93.8	0.0	1.5
- Durable consumer goods	94.3	5.9	-1.0
- Non-durable consumer goods	93.7	-0.6	1.8
Capital goods	100.2	3.1	2.5
Intermediate goods	89.7	-1.8	-0.7
Energy	99.8	-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	94.5	1.7	0.6	
Consumer goods	92.8	2.1	1.5	0.522
- Durable consumer goods	93.2	8.3	-1.1	0.154
- Non-durable consumer goods	92.7	1.6	1.7	0.368
Capital goods	99.0	5.1	2.4	1.152
Intermediate goods	89.1	-0.1	-0.8	-0.033
Energy	99.6	0.2	-0.4	0.040

**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	94.5	1.7	0.6	
B. Mining and quarrying industries	88.1	24.7	1.2	0.130
Extraction of anthracite, coal and lignite	..	..	..	..
National crude petroleum and natural gas	..	..	..	..
Extraction of metallic ores	..	..	..	..
Other mining and quarrying	90.9	21.8	10.0	0.099
C. Manufacturing industry	93.7	1.7	0.7	1.311
Food Industry	101.0	-1.2	1.9	-0.157
Manufacture of beverages.	87.2	-2.1	3.6	-0.067
Tobacco industry.	..	..	..	..
Textile industry	76.7	-5.7	-5.2	-0.054
Manufacture of garments	89.0	12.5	-0.4	0.098
Leather and footwear industry	74.7	10.1	-1.3	0.069
Manufacture of wood and of products of wood and cork, except furniture; basketmaking and wickerwork	87.2	-10.8	-5.4	-0.141
Manufacture of paper and paper-products	90.3	2.5	-0.7	0.059
Graphic arts and reproduction of recorded media	81.7	-2.1	-6.5	-0.031
Manufacture of coke and refined petroleum products	111.8	-6.1	-2.8	-0.186
Chemical Industry	90.5	-1.1	-0.1	-0.069
Manufacture of pharmaceutical products	94.5	11.1	4.1	0.370
Rubber and plastic material transformation industry	83.6	2.0	0.0	0.082
Manufacture of other non-metallic ore products	91.5	-1.8	2.1	-0.068
Metallurgy; manufacture of iron, steel and ferro-alloy products	78.4	-6.2	-4.8	-0.190
Manufacture of metal products, except machinery and equipment	92.5	8.9	3.9	0.641
Manufacture of computers, electronic and optical products	115.6	10.3	7.9	0.122
Manufacture of electrical material and equipment	97.5	5.2	-1.2	0.145
Manufacture of machinery and equipment n.e.c.	125.7	3.7	1.6	0.223
Manufacture of motor vehicles, trailers and semi-trailers	75.5	7.4	-0.3	0.458
Manufacture of other transport equipment	96.5	-3.0	-0.1	-0.089
Manufacture of furniture.	99.0	6.7	-0.2	0.085
Other manufacturing industries	101.2	-2.2	5.1	-0.027
Repair and installation of machinery and equipment	113.5	1.3	0.5	0.045
D. Supply of electrical energy, gas, steam and air conditioning	99.7	0.9	-1.4	0.158
E. Water supply, activities, waste management and decontamination*	90.4	3.1	8.1	0.082

* 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	94.5	1.7	0.6
Andalucía	95.0	-8.8	0.9
Aragón	89.4	1.6	0.5
Asturias, Principado de	96.2	-8.0	-4.2
Balears, Illes	78.4	2.0	-6.4
Canarias	94.5	3.7	-1.8
Cantabria	101.2	-5.3	-1.7
Castilla y León	85.1	6.3	-1.1
Castilla-La Mancha	97.3	5.8	3.2
Cataluña	90.5	0.9	-1.3
Comunitat Valenciana	91.7	-2.1	1.1
Extremadura	97.9	8.1	-1.9
Galicia	102.0	5.1	-3.9
Madrid, Comunidad de	102.8	3.0	2.4
Murcia, Región de	103.6	2.6	7.5
Navarra, Comunidad Foral de	100.1	24.3	9.8
País Vasco	95.6	5.9	2.4
Rioja, La	77.6	10.2	1.7

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