

Industrial Production Indices (IPI). Base 2015
July 2022 Provisional Data

After adjusting for seasonal and calendar effects, the monthly variation of the Industrial Production Index stood at -1.1%,

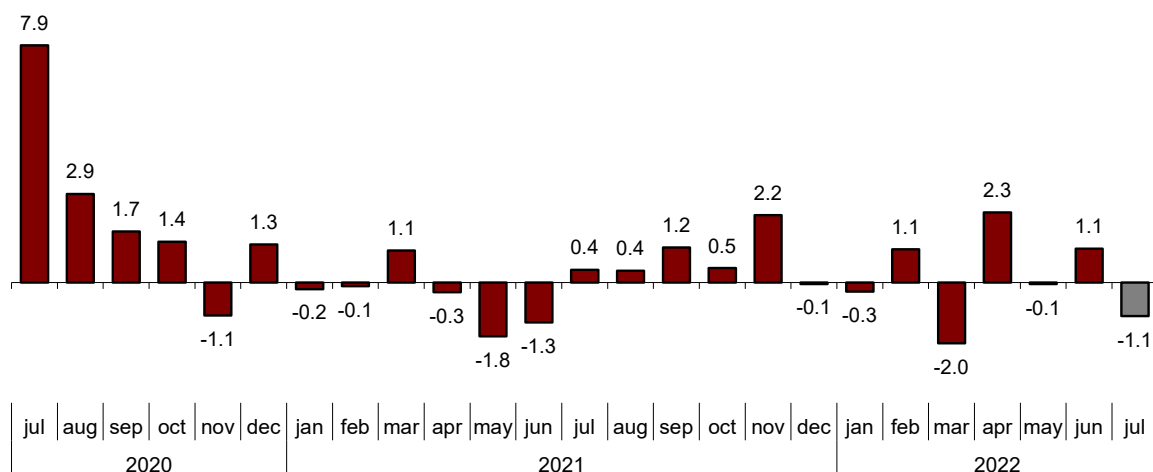
The annual rate of the Industrial Production Index stands at 5.3% in the series adjusted for seasonal and calendar effects and at 1.3% in the original series

Monthly evolution of industrial production

After adjusting for seasonal and calendar effects, the monthly variation of the Industrial Production Index (IPI) between June and July stood at -1.1%. This rate is 2.2 points lower than that observed in June.

General Industrial Production Index

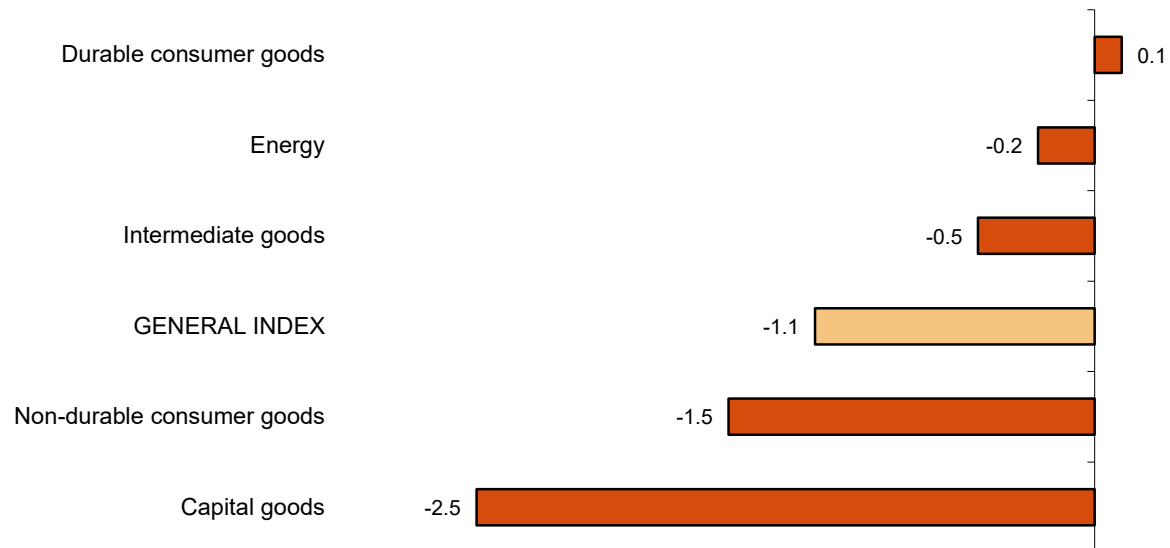
Adjusted for seasonal and calendar effects. Monthly rate (percentage)



Four of the five sectors showed negative monthly rates. It is worth highlighting the decrease in *Capital goods* (-2.5%) followed by *Non-durable consumer goods* (-1.5%). The only sector that increased was *Durable consumer goods* (0.1%).

Industrial Production Indices: General and by economic destination

Adjusted for seasonal and calendar effects. July 2022. Monthly rate (percentage)



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

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 other transport equipment	4.2
Manufacture of electrical material and equipment	4.0
Supply of electrical energy, gas, steam and air conditioning	2.4

Branches of activity with the lowest monthly rates of the industrial production index adjusted for seasonal and calendar effects

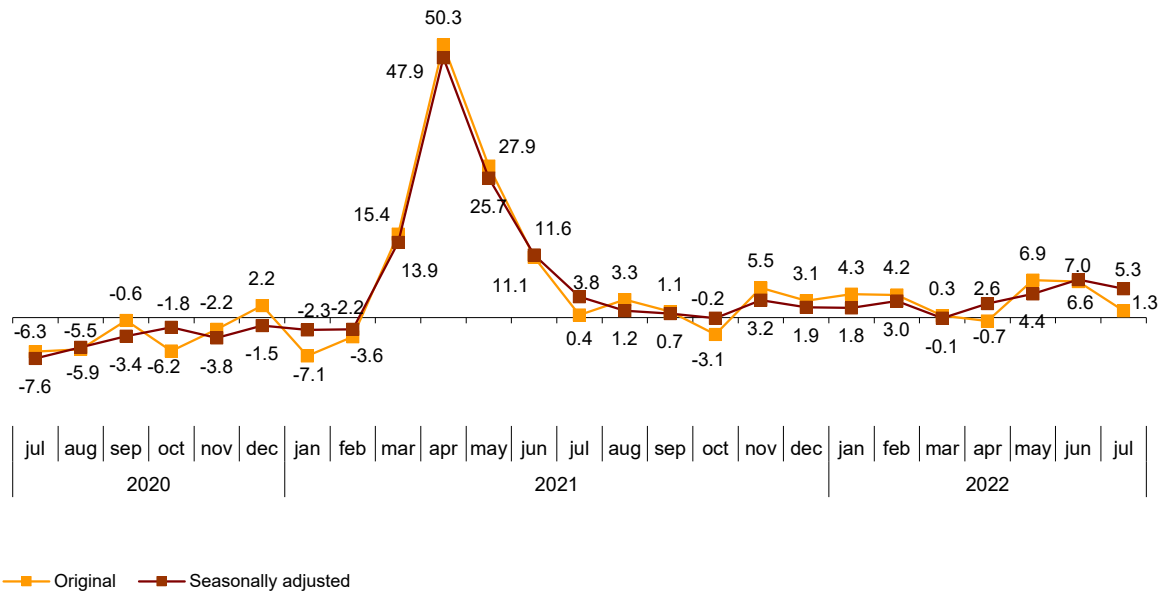
Activity (Division from CNAE 2009)	Monthly rate (%)
Manufacture of garments	-31.8
Other mining and quarrying	-23.8
Extraction of anthracite, coal and lignite	-20.8

Annual evolution of industrial production

After adjusting for seasonal and calendar effects, the Industrial Production Index registered a variation of 5.3% in July, as compared with the same month of the previous year. This rate is 1.7 points lower than that registered in June.

The original IPI series experienced an annual variation of 1.3%. This rate is 5.3 points lower than that of June.

General Industrial Production Index Annual rate (percentage)



Four of the five sectors showed positive annual rates. It is worth highlighting the increase in *Energy* (14.0%) followed by *Capital goods* (6.4%). The only sector that decreased was *Intermediate goods* (-1.9%).

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	1.3	5.3
Consumer goods	-0.6	4.1
- Durable consumer goods	1.0	6.1
- Non-durable consumer goods	-0.7	4.7
Capital goods	1.6	6.4
Intermediate goods	-5.0	-1.9
Energy	13.2	14.0

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

The annual rate of industrial production increased as compared to July 2021 in ten Autonomous Communities and decreased in the other seven.

The largest increases were recorded in Illes Balears (16.9%), Región de Murcia (10.4%) and Andalucía (9.1%). The largest decreases were recorded in Comunidad Foral de Navarra (-7.6%), Galicia (-7.0%) and Cantabria (-6.4%).

General indices: national and by Autonomous Communities

July 2022. 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 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 the methodology can be accessed 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>

INE statistics are produced in accordance with the Code of Good Practice for European Statistics, which is the basis for the institution's quality policy and strategy. For more information see the section on [Quality at INE and the Code of Best Practices](#) on the INE website.

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Industrial Production Indices. Base 2015

July 2022

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	106.4	-1.1	5.3	3.4
Consumer goods	107.0	-1.8	4.1	5.4
- Durable consumer goods	113.4	0.1	6.1	6.3
- Non-durable consumer goods	107.4	-1.5	4.7	5.6
Capital goods	107.0	-2.5	6.4	3.4
Intermediate goods	109.7	-0.5	-1.9	0.1
Energy	104.6	-0.2	14.0	6.4

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

	Index	Rate (%)	
		Annual	Year-to-date average
General Index	113.1	4.7	3.5
Consumer goods	113.0	3.6	5.4
- Durable consumer goods	127.4	6.6	6.4
- Non-durable consumer goods	111.6	3.1	5.3
Capital goods	111.4	6.3	3.7
Intermediate goods	113.4	-1.8	0.1
Energy	114.0	14.3	6.5

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

	Index	Rate (%)		Repercussion Annual
		Annual	Year-to-date average	
General Index	109.3	1.3	3.2	
Consumer goods	108.3	-0.6	5.1	-0.152
- Durable consumer goods	120.4	1.0	5.9	0.023
- Non-durable consumer goods	107.2	-0.7	5.1	-0.175
Capital goods	106.5	1.6	3.3	0.353
Intermediate goods	109.7	-5.0	-0.3	-1.599
Energy	112.9	13.2	6.5	2.655

**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	109.3	1.3	3.2	
B. Mining and quarrying industries	88.6	-31.1	-6.3	-0.258
Extraction of anthracite, coal and lignite	..	..	..	..
National crude petroleum and natural gas	..	..	..	..
Extraction of metallic ores	..	..	..	..
Other mining and quarrying	105.1	-31.5	-6.4	-0.254
C. Manufacturing industry	108.4	-1.3	2.8	-1.049
Food Industry	99.9	-2.8	2.0	-0.322
Manufacture of beverages.	122.6	1.1	5.0	0.041
Tobacco industry.	..	..	..	..
Textile industry	104.9	-3.8	6.7	-0.042
Manufacture of garments	118.7	3.8	20.7	0.037
Leather and footwear industry	92.4	13.2	15.5	0.094
Manufacture of wood and of products of wood and cork, except furniture; basketmaking and wickerwork	118.5	-3.2	13.9	-0.046
Manufacture of paper and paper-products	106.5	-0.9	1.6	-0.022
Graphic arts and reproduction of recorded media	58.8	-7.7	1.5	-0.075
Manufacture of coke and refined petroleum products	106.7	4.1	12.1	0.094
Chemical Industry	108.5	-7.1	-0.1	-0.477
Manufacture of pharmaceutical products	134.1	-1.2	5.4	-0.054
Rubber and plastic material transformation industry	115.8	1.4	1.6	0.067
Manufacture of other non-metallic ore products	120.4	-3.8	1.6	-0.164
Metallurgy; manufacture of iron, steel and ferro-alloy products	92.0	-13.1	-6.5	-0.440
Manufacture of metal products, except machinery and equipment	114.9	-2.6	1.8	-0.226
Manufacture of computers, electronic and optical products	116.8	-8.8	2.0	-0.110
Manufacture of electrical material and equipment	122.7	6.8	2.0	0.204
Manufacture of machinery and equipment n.e.c.	136.9	0.7	4.6	0.040
Manufacture of motor vehicles, trailers and semi-trailers	78.8	5.4	-1.6	0.305
Manufacture of other transport equipment	109.2	2.3	5.7	0.061
Manufacture of furniture.	128.7	-2.2	7.1	-0.034
Other manufacturing industries	119.6	-3.3	6.0	-0.042
Repair and installation of machinery and equipment	109.0	2.1	5.5	0.056
D. Supply of electrical energy, gas, steam and air conditioning	110.1	18.0	7.2	2.561
E. Water supply, activities, waste management and decontamination*	136.6	0.0	-1.5	0.002

* 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	109.3	1.3	3.2
Andalucía	110.4	9.1	5.6
Aragón	109.1	5.6	6.7
Asturias, Principado de	106.8	3.5	2.8
Balears, Illes	111.8	16.9	20.1
Canarias	96.3	4.9	5.4
Cantabria	104.6	-6.4	-1.4
Castilla y León	88.4	-4.6	-3.9
Castilla-La Mancha	108.9	0.7	6.7
Cataluña	109.4	-2.3	1.1
Comunitat Valenciana	117.8	5.4	3.9
Extremadura	112.1	-3.5	4.3
Galicia	97.7	-7.0	-1.9
Madrid, Comunidad de	114.8	3.1	5.0
Murcia, Región de	137.2	10.4	6.4
Navarra, Comunidad Foral de	101.8	-7.6	3.1
País Vasco	111.5	1.9	6.0
Rioja, La	88.7	-1.6	3.4

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