

Industrial Production Index (IPI). Base 2015
August 2023. Provisional data

The monthly variation of the Industrial Production Index was -0.8%, after adjusting for seasonal and calendar effects

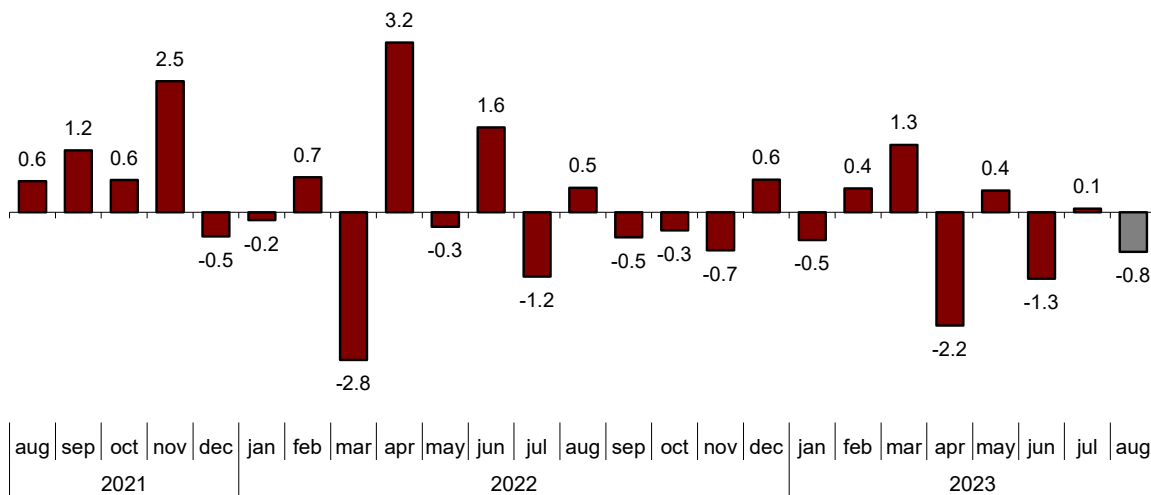
The annual rate of the Industrial Production Index was -3.4% in the series adjusted for seasonal and calendar effects and -3.6% in the original series

Monthly evolution of industrial production

After adjusting for seasonal and calendar effects, the monthly variation of the Industrial Production Index (IPI) between July and August is -0.8%. This rate is 0.9 points lower than that observed in July.

General Industrial Production Index

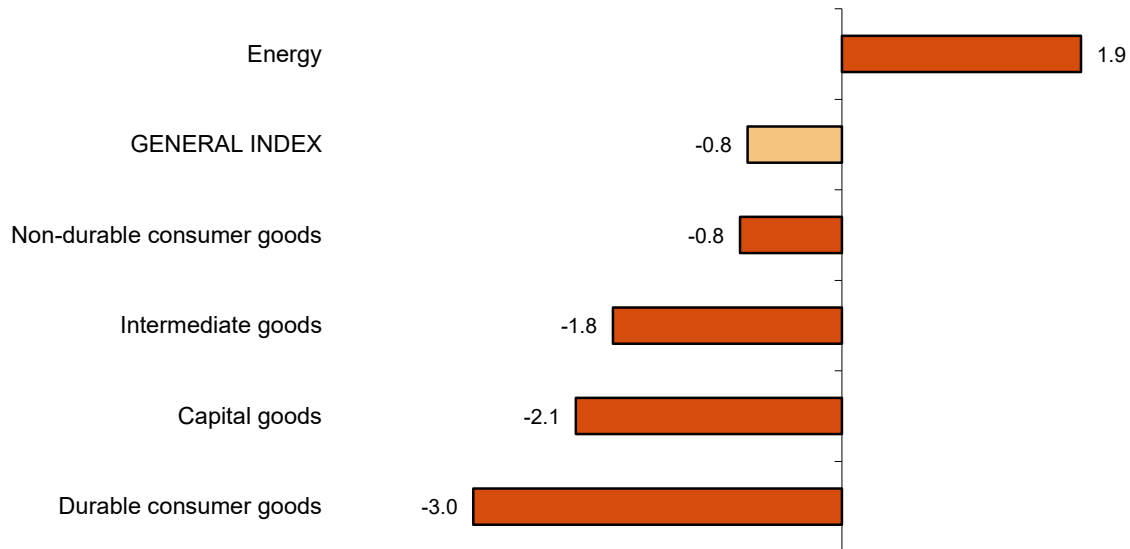
Adjusted for seasonal and calendar effects. Monthly rate (percentage)



Four of the five sectors showed negative monthly rates. It is worth highlighting the decrease in *Durable consumer goods* (-3.0%) followed by *Capital goods* (-2.1%). The only sector that increased was *Energy* (1.9%).

Industrial Production Index: General and by economic destination

Adjusted for seasonal and calendar effects. August 2023. Monthly rate (percentage)



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

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 garments	26.6
Manufacture of computers, electronic and optical products	7.6
Manufacture of coke and refined petroleum products	3.9

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 (%)
Tobacco industry	-23.8
Graphic arts and reproduction of recorded media	-19.5
Manufacture of pharmaceutical products	-13.3

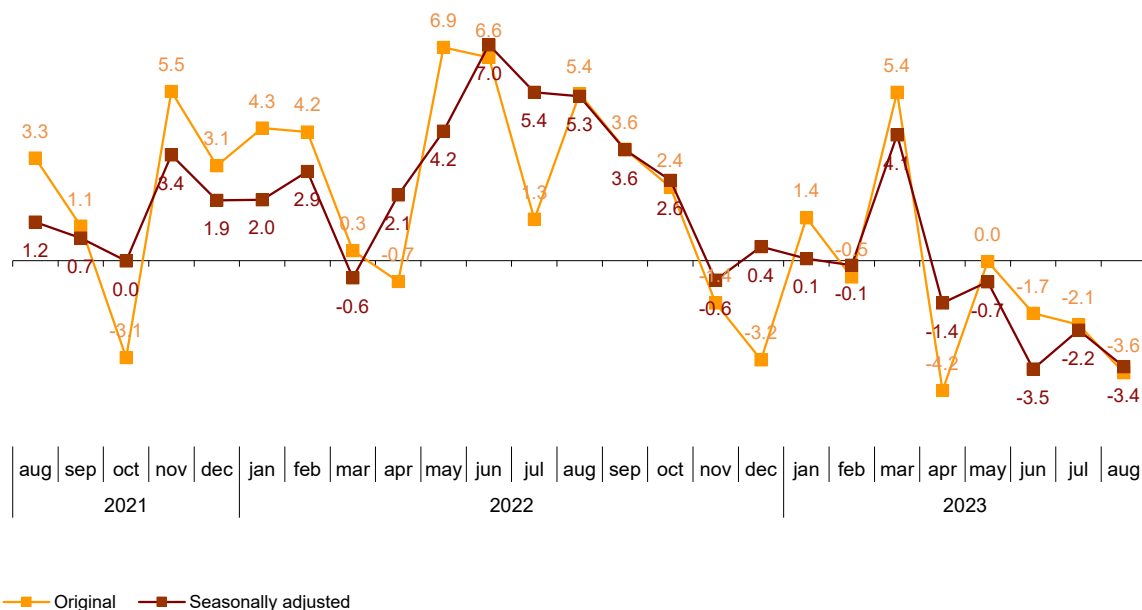
Annual evolution of industrial production

The Industrial Production Index, adjusted for seasonal and calendar effects, recorded a variation rate of -3.4% in August, as compared to the same month of the previous year. This rate is 1.2 points lower than that registered in July.

The original IPI series experienced an annual variation of -3.6%. This rate is 1.5 points lower than that of July.

General Industrial Production Index.

Annual rate (percentage)



All sectors showed negative annual rates. It is worth highlighting the decrease in *Durable consumer goods* (-8.0%) followed by *Energy* (-6.2%).

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

	Original index Annual rate (%)	Seasonally adjusted index Annual rate (%)
General Index	-3.6	-3.4
Consumer goods	-1.0	-0.8
- Durable consumer goods	-9.8	-8.0
- Non-durable consumer goods	-0.4	-0.3
Capital goods	-2.4	-2.3
Intermediate goods	-4.6	-4.3
Energy	-6.2	-6.2

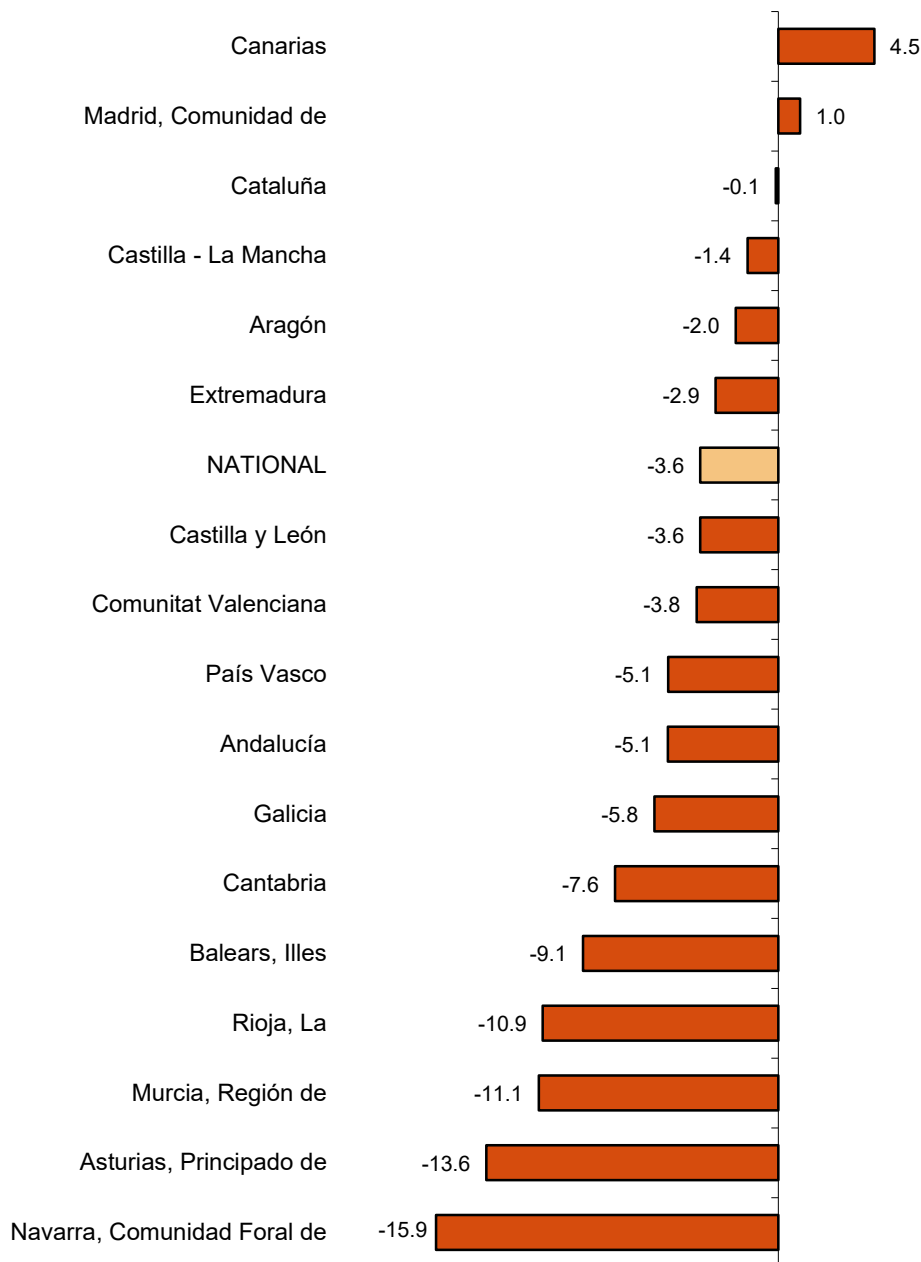
Results by Autonomous Communities. Annual variation rates of industrial production. Original series

The annual rate of industrial production increased as compared to August 2022 in two Autonomous Communities and decreased in the other 15.

The largest decreases were recorded in Comunidad Foral de Navarra (-15.9%), Principado de Asturias (-13.6%) and Región de Murcia (-11.1%). The largest increases were recorded in Canarias (4.5%) and Comunidad de Madrid (1.0%).

General index: national and by Autonomous Communities

August 2023. Annual rate (percentage)



Data reviews 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 further information, the methodology can be accessed at:

<https://www.ine.es/daco/daco43/metoipi15.pdf>

And the standardised methodological report at:

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

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Industrial Production Index. Base 2015

August 2023

Provisional data

1. Industrial Production Index: General and by economic destination adjusted for seasonal and calendar effects

	Index	Rate (%)		
		Monthly	Annual	Year-to-date average
General Index	103.3	-0.8	-3.4	-0.9
Consumer goods	106.9	-0.2	-0.8	0.2
- Durable consumer goods	100.5	-3.0	-8.0	-3.2
- Non-durable consumer goods	106.9	-0.8	-0.3	0.8
Capital goods	111.7	-2.1	-2.3	4.9
Intermediate goods	102.5	-1.8	-4.3	-3.7
Energy	95.4	1.9	-6.2	-4.6

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

	Index	Rate (%)	
		Annual	Year-to-date average
General Index	83.6	-3.6	-0.8
Consumer goods	90.5	-1.0	0.2
- Durable consumer goods	64.6	-9.8	-2.8
- Non-durable consumer goods	92.4	-0.4	0.6
Capital goods	69.9	-2.4	5.3
Intermediate goods	76.3	-4.6	-3.5
Energy	100.0	-6.2	-4.7

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

	Index	Rate (%)		Repercussion Annual
		Annual	Year-to-date average	
General Index	84.9	-3.6	-0.6	
Consumer goods	92.2	-1.0	0.6	-0.263
- Durable consumer goods	66.1	-9.8	-2.4	-0.164
- Non-durable consumer goods	94.3	-0.4	0.9	-0.099
Capital goods	71.1	-2.4	5.7	-0.445
Intermediate goods	77.4	-4.6	-3.2	-1.264
Energy	100.5	-6.2	-4.6	-1.652

**4. Industrial Production Index: General and by branches of activity (CNAE 2009).
Original series**

	Index	Rate (%)		Repercussion Annual
		Annual	Year-to-date average	
General Index	84.9	-3.6	-0.6	
B. Mining and quarrying industries	90.6	12.5	20.1	0.079
Extraction of anthracite, coal and lignite	..	..	..	..
National crude petroleum and natural gas	..	..	..	..
Extraction of metallic ores	..	..	..	..
Other mining and quarrying	107.0	12.5	21.0	0.076
C. Manufacturing industry	81.2	-2.5	0.3	-1.899
Food Industry	103.0	-3.1	-2.1	-0.447
Manufacture of beverages.	112.5	-1.7	1.4	-0.072
Tobacco industry.	..	..	..	..
Textile industry	50.9	-1.3	-7.0	-0.008
Manufacture of garments	87.2	-24.1	-9.1	-0.292
Leather and footwear industry	49.6	-15.7	-8.6	-0.098
Manufacture of wood and of products of wood and cork, except furniture; basketmaking and wickerwork	61.1	-17.4	-18.5	-0.181
Manufacture of paper and paper-products	81.6	-8.8	-8.2	-0.221
Graphic arts and reproduction of recorded media	51.1	-9.2	-8.1	-0.096
Manufacture of coke and refined petroleum products	106.4	5.6	-3.3	0.152
Chemical Industry	89.0	-1.3	-5.7	-0.080
Manufacture of pharmaceutical products	87.6	25.1	11.4	0.727
Rubber and plastic material transformation industry	81.6	-6.3	-3.6	-0.284
Manufacture of other non-metallic ore products	79.1	-14.2	-7.5	-0.551
Metallurgy; manufacture of iron, steel and ferro-alloy products	55.1	-5.6	-4.5	-0.127
Manufacture of metal products, except machinery and equipment	74.1	-3.1	-0.6	-0.213
Manufacture of computers, electronic and optical products	95.8	14.7	6.0	0.146
Manufacture of electrical material and equipment	84.9	5.1	11.7	0.132
Manufacture of machinery and equipment n.e.c.	87.6	-4.7	0.6	-0.225
Manufacture of motor vehicles, trailers and semi-trailers	48.8	-11.8	13.3	-0.604
Manufacture of other transport equipment	57.2	20.2	12.6	0.299
Manufacture of furniture.	72.9	-1.7	-2.5	-0.018
Other manufacturing industries	65.9	-6.2	-3.0	-0.054
Repair and installation of machinery and equipment	115.0	6.7	7.6	0.225
D. Supply of electrical energy, gas, steam and air conditioning	95.3	-8.3	-5.8	-1.612
E. Water supply, activities, waste management and decontamination*	127.4	-4.5	0.5	-0.193

* It only includes Water collection, treatment and supply

(..) Data not available due to statistical secrecy.

5. Industrial production index: national and by Autonomous Community. Original series

	Index	Rate (%)	
		Annual	Year-to-date average
National	84.9	-3.6	-0.6
Andalucía	89.3	-5.1	-3.4
Aragón	81.7	-2.0	0.8
Asturias, Principado de	83.8	-13.6	-6.1
Balears, Illes	96.8	-9.1	-1.6
Canarias	94.0	4.5	5.9
Cantabria	87.0	-7.6	-4.3
Castilla y León	71.6	-3.6	3.3
Castilla-La Mancha	93.1	-1.4	2.1
Cataluña	80.3	-0.1	-0.2
Comunitat Valenciana	85.1	-3.8	-2.4
Extremadura	136.0	-2.9	-0.3
Galicia	84.2	-5.8	2.5
Madrid, Comunidad de	98.1	1.0	4.3
Murcia, Región de	105.4	-11.1	-10.1
Navarra, Comunidad Foral de	84.7	-15.9	-3.2
País Vasco	69.1	-5.1	-2.7
Rioja, La	56.8	-10.9	-4.5

More detailed information by Autonomous Community may be obtained at:

Andalucía	Andalucía Institute of Statistics and Cartography (juntadeandalucia.es)
Aragón	Aragón Institute of Statistics (IAEST). Government of Aragón
Principado de Asturias	Home - Asturian Society for Economic and Industrial Studies (sadei.es)
Illes Balears	IBESTAT|Home (caib.es)
Canarias	Home ISTAC - Government of Canarias
Cantabria	Cantabrian Institute of Statistics - ICANE
Castilla y León	Statistics | Statistics | Council of Castilla y León (jcy.es)
Castilla-La Mancha	Start: Statistics Service of Castilla-La Mancha (jccm.es)
Cataluña	Idescat. Statistics Institute of Cataluña
Comunitat Valenciana	Home - Statistical Portal of the Generalitat Valenciana - Generalitat Valenciana (gva.es)
Extremadura	IEEX - JUNTAEX
Galicia	IGE - Galician Institute of Statistics
Comunidad de Madrid	Statistical Portal. Comunidad de Madrid
Región de Murcia	Statistical Portal of the Región de Murcia - CREM (carm.es)
La Rioja	Statistics - La Rioja Government Portal