

Statistical bulletin

Index of Production, UK: February 2024

Movements in the volume of production for UK production industries: manufacturing, mining and quarrying, energy supply, and water and waste management.



Contact:
Short Term Outputs for
Production and Services
(STOPS)
indexofproduction@ons.gov.uk

Release date:
12 April 2024

Next release:
10 May 2024

Table of contents

1. [Main points](#)
2. [Index of Production data](#)
3. [Measuring the data](#)
4. [Related links](#)
5. [Cite this statistical bulletin](#)

1 . Main points

- Monthly production output was estimated to have risen by 1.1% in February 2024; this follows a revised fall of 0.3% (revised down 0.1 percentage points) in January 2024.
- The monthly increase in output for February 2024 resulted from a rise in three of the four production sectors, with the largest contribution from "manufacturing" (1.2%) and smaller contributions from "water supply and sewerage" (1.9%) and "electricity and gas" (0.5%); this was partially offset by a fall in "mining and quarrying" (0.8%).
- Monthly manufacturing output rose by 1.2% in February 2024 and saw a positive profile of growth at the sub-level, with increases in 11 of its 13 sub-sectors.
- The largest positive contributing manufacturing sub-sector in February 2024 was "manufacture of transport equipment" (3.7%); within this sub-sector, the largest contribution came from "manufacture of motor vehicles, trailers and semi-trailers" (5.3%).
- Production output growth is estimated to have risen by 0.7% in the three months to February 2024 when compared with the three months to November 2023.
- At the sector level, there were rises of 1.2% in both "manufacturing" and "electricity and gas" in the three months to February 2024; this was partially offset by falls in "mining and quarrying" (2.5%) and "water supply and sewerage" (2.0%).

2 . Index of Production data

[Index of Production time series](#)

Dataset DIOP | Released 12 April 2024

Movements in the volume of production for the UK production industries: manufacturing, mining and quarrying, energy supply, and water and waste management. Figures are seasonally adjusted.

[Output of the production industries](#)

Dataset | Released 12 April 2024

Index values and growth rates for production, manufacturing and the main industrial groupings in the UK.

[Index of Production and industry sectors to four decimal places](#)

Dataset | Released 12 April 2024

Monthly index values for production and the main Index of Production sectors in the UK to four decimal places.

[Monthly Business Survey turnover in production industries](#)

Dataset | Released 12 April 2024

Monthly Business Survey production industries' total turnover, domestic sales and exports in the UK. Figures are in current price and are non-seasonally adjusted.

[Export proportions for manufacturing industries](#)

Dataset | Released 12 April 2024

Monthly, quarterly and annual export data for the manufacturing industries, collected by the Monthly Business Survey at industry level in the UK.

All data related to the Index of Production (IoP) are available on our [Related data page](#).

3 . Measuring the data

The Index of Production (IoP) uses data from a variety of sources. It is calculated by taking turnover and removing the impact of price changes, or by using direct volume estimates.

Most of these data are collected as "turnover values" through the Monthly Business Survey (MBS). In addition, direct volume series are collected by the Department for Energy Security and Net Zero (DESNZ), and the International Steel Statistics Bureau (ISSB) for steel industries.

The MBS is fully online. Business owners can log on from any location and submit their data at an appropriate time. Most other data in the IoP come from the DESNZ, so will be less affected than the survey data.

From January 2018, Value Added Tax (VAT) data have also been included across 64 production industries for small- and medium-sized businesses. More information is available in our [VAT turnover data in National Accounts: background and methodology article](#).

A comprehensive list of the IoP source data can be found in our [Gross domestic product \(GDP\) data sources catalogue](#).

Response rates for February 2024

For February 2024, the response rates were 74.6% based on forms returned. This accounted for 83.8% of total turnover coverage of the sample population. For further information, see our [current and historical Monthly Business Survey \(MBS\) \(production\) response rates](#).

Quality and methodology

The data reported in IoP bulletins and datasets are estimates that are subject to uncertainty, such as sampling variability and non-sampling error. More information is available in our [Uncertainty and how we measure it for our surveys web page](#).

More quality and methodology information (QMI) on strengths, limitations, appropriate uses, and how the data were created is available in our [UK Index of Production QMI](#).

Revisions to IoP

In line with the [National Accounts Revision Policy](#), this release provides data for February 2024 for the first time, with January 2024 also open for revision.

We have also included revisions to the monthly data from January to December 2023 as a result of revisions incorporated in the [GDP quarterly National Accounts, UK: October to December 2023 release](#), published on 28 March 2024.

Table 1: Revisions to month-on-month growth for the Index of Production and its sectors
Percentage points, January 2023 to January 2024, UK

	Jan 2023	Feb 2023	Mar 2023	Apr 2023	May 2023	Jun 2023	Jul 2023	Aug 2023	Sept 2023	Oct 2023	Nov 2023	Dec 2023	Jan 2024
IoP	0.0	0.1	0.0	-0.1	0.0	0.0	0.0	-0.1	-0.1	0.0	0.0	0.1	0.0
Section B - Mining and Quarrying	0.0	0.5	0.1	0.0	0.0	0.0	0.2	0.1	0.1	-0.1	0.2	0.7	-0.2
Section C - Manufacturing	0.0	0.1	0.0	-0.1	0.0	-0.1	0.0	-0.1	-0.1	0.0	0.0	0.0	-0.2
Section D - Electricity and Gas	0.1	-0.1	0.1	-0.2	-0.1	0.0	0.1	0.0	-0.1	-0.1	0.1	-0.1	2.1
Section E - Water supply and sewerage	0.3	0.2	-0.3	0.0	0.0	0.1	0.1	0.0	-0.1	-0.4	0.0	-0.1	-0.3

Source: Monthly gross domestic product (GDP) estimate from the Office for National Statistics

Notes

1. Revisions are rounded to one decimal place and calculated based on the one decimal place indexes.
2. Further information on current and past revisions can be found in our Revision Triangles dataset.

Early estimates of gross domestic product (GDP) are subject to revision (positive and negative). Please see our [Why GDP figures are revised article](#) for more information.

Underlying data sources that form the IoP are open to revision each period. For example, our [Monthly Business Survey](#) publishes revisions to the previously published 12 months.

4 . Related links

[GDP monthly estimate, UK: February 2024](#)

Bulletin | Released 12 April 2024

Gross domestic product (GDP) measures the value of goods and services produced in the UK. It estimates the size of, and growth in, the economy.

[Index of Services, UK: February 2024](#)

Bulletin | Released 12 April 2024

Movements in the volume of output for the UK services industries. Figures are seasonally adjusted.

[Producer price inflation, UK: February 2024](#)

Bulletin | Released 20 March 2024

Changes in the prices of goods bought and sold by UK manufacturers including price indices of materials and fuels purchased (input prices) and factory gate prices (output prices).

[UK manufacturers' sales by product: 2022 results](#)

Bulletin | Released 24 July 2023

Annual estimates for UK manufacturers' sales by product covered by the ProdCom survey.

[Energy Trends and Prices: monthly data](#)

Web page | Last updated 28 March 2024

Statistics on energy prices and monthly production, trade and consumption of coal, electricity, gas, oil and total energy in the UK.

5 . Cite this statistical bulletin

Office for National Statistics (ONS), released 12 April 2024, ONS website, statistical bulletin, [Index of Production, UK: February 2024](#)

- [Page 1](#) Output by Broad industry groups and Main industrial groupings
Percentage change, latest year on previous year
Percentage change, latest month on same month a year ago
- [Page 2](#) Percentage change, latest month on previous month
Percentage change, latest 3 months on same 3 months a year ago
- [Page 3](#) Percentage change, latest 3 months on previous 3 months
- [Page 4](#) Output by Manufacturing sub-sectors part 1
Percentage change, latest year on previous year
Percentage change, latest month on same month a year ago
- [Page 5](#) Output by Manufacturing sub-sectors part 2
Percentage change, latest year on previous year
Percentage change, latest month on same month a year ago
- [Page 6](#) Percentage change, latest month on previous month part 1
Percentage change, latest 3 months on same 3 months a year ago
- [Page 7](#) Percentage change, latest month on previous month part 2
Percentage change, latest 3 months on same 3 months a year ago
- [Page 8](#) Percentage change, latest 3 months on previous 3 months part 1
- [Page 9](#) Percentage change, latest 3 months on previous 3 months part 2
- [Enquiries](#)

IOP5 Output of the Production Industries

Chained volume indices of gross value added¹

Seasonally adjusted 2019 = 100

Section	Broad industry groups					Main industrial groupings					
	Production industries	Mining and quarrying	Manufacturing	Electricity, gas, steam and air conditioning	Water supply, sewerage and waste management	Oil and gas extraction	Consumer durables	Consumer non-durables	Capital goods	Intermediate goods	Energy
	B+C+D+E	B	C	D	E	06	MIG-CD	MIG-CND	MIG-CAG	MIG-IG	MIG-NRG
Latest weight	1 000.0	77.3	721.6	110.9	90.2	64.3	66.2	197.8	264.2	243.7	219.2
	K222	K224	K22A	K248	K24C	K226	K24Q	K24R	K24S	K24O	K24T
2019	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2020	102.3	100.1	102.2	105.0	101.6	100.5	101.1	104.7	101.7	102.2	101.7
2021	98.3	76.7	103.8	71.3	106.0	73.5	106.6	113.1	103.3	97.5	77.0
2022	95.0	75.9	100.4	63.4	106.4	72.1	107.3	113.1	97.5	93.3	72.7
2023	94.6	65.5 ^T	101.5 ^T	62.1 ^T	103.9 ^T	61.4 ^T	107.8 ^T	114.6 ^T	104.2 ^T	88.5 ^T	68.0
2022 Q4	94.1	71.9	99.9	62.5	105.2	68.5	107.0	115.1	98.0	90.1	70.1
2023 Q1	94.3 ^T	66.2 ^T	100.5	63.5 ^T	105.9 ^T	61.9 ^T	108.7 ^T	114.1 ^T	100.6 ^T	89.7	68.8 ^T
Q2	95.0	65.8	102.2	61.5	104.1	61.7	109.4	114.5	104.9	89.4	68.1
Q3	95.1	65.9	102.2 ^T	62.6	102.8	62.0	106.6	115.0	105.9	88.6 ^T	68.2
Q4	94.0	64.1	101.2	60.9	102.8	60.0	106.6	115.0	105.5	86.3	66.8
2022 Dec	94.1	68.8	100.0	63.8	105.6	65.2	107.3	114.4	99.5	89.3	69.6
2023 Jan	94.0	64.7	100.3	63.5 ^T	106.2 ^T	60.0 ^T	106.5 ^T	114.3	99.1	90.6	68.2
Feb	94.1 ^T	68.0 ^T	100.4 ^T	62.5	104.7	63.5	109.0	113.1 ^T	100.7 ^T	89.9	68.6 ^T
Mar	94.7	65.9	100.9	64.5	106.9	62.1	110.6	114.7	101.9	88.6 ^T	69.5
Apr	94.8	65.9	101.5	63.2	104.9	61.9	106.9	112.9	104.3	89.1	69.0
May	93.9	66.1	100.9	60.1	102.9	62.3	109.4	113.1	103.5	88.4	67.5
Jun	96.4	65.3	104.1	61.3	104.4	61.0	111.8	117.4	107.0	90.8	67.7
Jul	95.4	65.3	102.8	61.7	103.4	61.3	107.7	115.9	106.4	89.2	67.6
Aug	95.0	67.2	102.1	62.2	101.8	63.4	104.7	114.4	105.6	89.1	68.3
Sep	94.8	65.3	101.7	63.9	103.1	61.3	107.3	114.7	105.6	87.6	68.7
Oct	93.5	64.1	100.4	60.8	103.7	59.6	106.3	113.1	105.2	85.7	66.6
Nov	94.0	64.5	101.2	60.7	102.6	60.6	107.3	115.4	105.7	85.6	66.8
Dec	94.6	63.8	102.0	61.4	102.1	59.9	106.3	116.4	105.5	87.4	67.1
2024 Jan	94.3	62.8	101.8	62.9	99.6	59.7	106.9	113.0	108.5	86.1	67.8
Feb	95.4	62.3	103.1	63.2	101.6	58.6	108.0	114.6	109.7	87.0	67.6
Percentage change, latest year on previous year											
2019	1.7	1.8	0.5	12.4	0.2	0.8	0.4	2.3	-3.0	4.1	4.8
2020	2.3	0.1	2.2	5.0	1.6	0.5	1.1	4.7	1.7	2.2	1.7
2021	-3.9	-23.4	1.6	-32.1	4.4	-26.8	5.5	8.0	1.5	-4.6	-24.2
2022	-3.4	-1.0	-3.3	-11.2	0.3	-1.9	0.7	-	-5.6	-4.3	-5.6
2023	-0.4 ^T	-13.7 ^T	1.1 ^T	-1.9 ^T	-2.3 ^T	-14.8 ^T	0.4 ^T	1.4 ^T	6.9 ^T	-5.2 ^T	-6.5
Percentage change, latest month on same month a year ago											
2021 Dec	-8.6	-21.6	-5.0	-33.7	-0.4	-27.0	5.5	14.1	-13.1	-11.0	-24.4
2022 Jan	-5.9	-13.6	-3.1	-28.8	1.5	-18.4	2.7	4.4	-8.0	-4.3	-18.0
Feb	-5.3	-5.6	-3.5	-24.7	0.5	-8.7	-1.0	5.3	-10.4	-4.8	-13.0
Mar	-5.1	-6.1	-3.8	-21.1	0.3	-9.6	3.2	1.6	-9.6	-3.7	-10.7
Apr	-3.9	12.2	-4.2	-18.8	2.6	14.7	-4.0	2.5	-10.0	-4.9	-3.7
May	-3.6	10.9	-3.5	-19.4	0.9	12.5	-2.3	-2.3	-6.0	-2.8	-5.9
Jun	-2.9	21.3	-4.1	-11.3	0.7	28.4	-1.1	0.9	-6.4	-6.2	0.1
Jul	-2.4	12.9	-3.8	-2.5	-0.8	14.5	0.3	-2.0	-5.9	-2.5	2.2
Aug	-3.1	-14.2	-3.0	0.7	0.3	-18.8	6.5	-3.5	-4.0	-1.1	-6.6
Sep	-2.1	-7.0	-2.9	5.9	1.6	-9.9	0.3	-0.1	-4.7	-3.2	-1.6
Oct	-1.0	-6.1	-1.0	5.7	-2.6	-7.6	4.3	0.8	0.9	-4.7	-1.4
Nov	-2.6	0.8	-3.5	1.0	-0.6	2.9	0.2	-1.6	-1.9	-7.0	-1.0
Dec	-2.8	-6.1	-3.1	0.8	-0.6	-5.3	-0.3	-4.7	0.4	-5.6	-3.1
2023 Jan	-2.5	-15.7	-1.8	-1.5 ^T	-0.6 ^T	-16.2 ^T	-2.4 ^T	2.4	-0.5	-7.3 ^T	-7.8 ^T
Feb	-2.2 ^T	-11.7 ^T	-1.4	-3.2	-1.6	-12.7	1.6	-0.5	2.8 ^T	-6.2	-7.6
Mar	-1.1	-14.9	-0.5	1.8	0.3	-14.7	2.9	2.6 ^T	4.0	-8.1	-5.9
Apr	-0.9	-16.4	0.7 ^T	-1.5	-3.1	-17.7	2.9	-0.4	8.4	-6.2	-8.5
May	-2.0	-16.6	-0.4	-4.9	-3.2	-17.6	4.6	-0.7	6.6	-7.4	-8.9
Jun	1.5	-15.6	4.0	-3.8	-3.4	-18.0	4.5	4.1	10.4	-2.1	-8.2
Jul	0.9	-19.5	3.5	-2.5	-2.6	-21.7	-0.8	3.3	11.0	-3.7	-8.7
Aug	1.1	-7.9	2.6	-0.8	-4.3	-7.2	-6.8	4.2	7.9	-4.0	-3.6
Sep	1.0	-12.6	2.6	0.6	-2.6	-13.1	0.4	1.8	9.6	-4.1	-4.1
Oct	-0.7	-11.7	0.2	-1.8	-0.4	-13.4	0.2	-3.4	9.0	-5.6	-4.9
Nov	-0.1	-13.4	1.6	-1.9	-3.0	-15.4	-0.2	1.4	7.9	-4.9	-5.3
Dec	0.5	-7.2	2.0	-3.8	-3.3	-8.1	-1.0	1.8	6.0	-2.1	-3.6
2024 Jan	0.3	-2.8	1.5	-0.9	-6.1	-0.6	0.4	-1.1	9.5	-5.0	-0.7
Feb	1.4	-8.3	2.7	1.2	-3.0	-7.6	-0.9	1.3	9.0	-3.2	-1.4

¹ Any apparent inconsistencies between the index numbers and the percentage changes shown in these tables are due to rounding.

^T indicates that data are new or have been revised. The period marked is the earliest in the table to have been revised.

IOP5 Output of the Production Industries

continued

Chained volume indices of gross value added¹

Seasonally adjusted 2019 = 100

Section	Broad industry groups						Main industrial groupings				
	Production industries	Mining and quarrying	Manufacturing	Electricity, gas, steam and air conditioning	Water supply, sewerage and waste management	Oil and gas extraction	Consumer durables	Consumer non-durables	Capital goods	Intermediate goods	Energy
	B+C+D+E	B	C	D	E	06	MIG-CD	MIG-CND	MIG-CAG	MIG-IG	MIG-NRG
Latest weight	1 000.0	77.3	721.6	110.9	90.2	64.3	66.2	197.8	264.2	243.7	219.2
	K222	K224	K22A	K248	K24C	K226	K24Q	K24R	K24S	K24O	K24T
Percentage change, latest month on previous month											
2021 Dec	0.2	-0.8	-	3.3	-0.2	-1.2	0.3	3.9	-0.8	-2.4	0.9
2022 Jan	-0.3	4.7	-1.0	1.8	0.4	4.1	1.3	-7.0	0.5	3.3	3.0
Feb	-0.3	0.4	-0.4	0.2	-0.3	1.6	-1.7	1.8	-1.6	-1.9	0.3
Mar	-0.3	0.7	-0.3	-1.8	0.1	0.1	0.2	-1.6	-	0.5	-0.5
Apr	-0.2	1.7	-0.7	1.2	1.6	3.4	-3.3	1.4	-1.9	-1.4	2.0
May	0.2	0.5	0.6	-1.6	-1.7	0.4	0.6	0.5	0.9	0.5	-1.7
Jun	-0.9	-2.4	-1.2	0.9	1.7	-1.5	2.3	-1.0	-0.2	-2.8	-0.5
Jul	-0.5	4.9	-0.8	-0.7	-1.8	5.2	1.5	-0.5	-1.1	-0.2	0.5
Aug	-0.6	-10.0	0.2	-1.0	0.2	-12.7	3.5	-2.1	2.2	0.2	-4.3
Sep	-0.1	2.3	-0.4	1.4	-0.5	3.2	-4.8	2.6	-1.6	-1.5	1.0
Oct	0.3	-2.8	1.1	-2.6	-1.6	-2.5	-0.7	3.9	0.2	-0.6	-2.2
Nov	-0.1	2.7	-0.6	-	1.7	4.1	1.3	-2.8	1.5	-0.8	0.7
Dec	0.1	-7.7	0.4	3.1	-0.2	-9.0	-0.2	0.5	1.6	-0.8	-1.3
2023 Jan	-0.1	-6.0	0.3	-0.5	0.5	-7.9	-0.8	-0.1	-0.5	1.5	-2.0
Feb	0.1	5.1	0.1	-1.6	-1.3	5.7	2.4	-1.0	1.7	-0.8	0.5
Mar	0.7	-3.0	0.6	3.3	2.0	-2.1	1.4	1.4	1.2	-1.5	1.4
Apr	0.1	-	0.5	-2.0	-1.9	-0.4	-3.3	-1.6	2.3	0.6	-0.8
May	-0.9	0.3	-0.5	-4.9	-1.8	0.6	2.4	0.1	-0.8	-0.8	-2.1
Jun	2.7	-1.3	3.1	2.1	1.4	-2.1	2.2	3.8	3.4	2.7	0.2
Jul	-1.0	-	-1.3	0.7	-1.0	0.5	-3.7	-1.3	-0.5	-1.8	-0.1
Aug	-0.5	3.1	-0.7	0.7	-1.6	3.5	-2.8	-1.2	-0.7	-0.1	1.1
Sep	-0.2	-3.0	-0.4	2.8	1.3	-3.3	2.5	0.3	-	-1.7	0.5
Oct	-1.4	-1.8	-1.3	-4.9	0.6	-2.8	-0.9	-1.4	-0.4	-2.2	-3.0
Nov	0.5	0.7	0.8	-0.1	-1.0	1.6	0.9	2.1	0.5	-0.1	0.2
Dec	0.6	-1.1	0.8	1.1	-0.5	-1.1	-0.9	0.9	-0.2	2.1	0.6
2024 Jan	-0.3	-1.5	-0.2	2.6	-2.4	-0.4	0.6	-2.9	2.9	-1.6	0.9
Feb	1.1	-0.8	1.2	0.5	1.9	-1.7	1.0	1.4	1.1	1.1	-0.2
Percentage change, latest 3 months on same 3 months a year ago²											
2021 Dec	-10.1	-18.7	-6.9	-37.7	1.7	-22.7	-2.7	11.0	-15.7	-11.4	-25.2
2022 Jan	-8.3	-17.5	-5.2	-33.4	1.3	-22.2	0.9	9.2	-12.5	-8.9	-22.3
Feb	-6.6	-14.0	-3.9	-29.2	0.6	-18.5	2.4	7.9	-10.5	-6.8	-18.7
Mar	-5.4	-8.6	-3.5	-25.0	0.8	-12.4	1.6	3.7	-9.3	-4.3	-14.0
Apr	-4.8	-0.4	-3.9	-21.6	1.1	-2.2	-0.6	3.1	-10.0	-4.5	-9.3
May	-4.2	5.0	-3.8	-19.8	1.3	4.8	-1.1	0.5	-8.5	-3.8	-6.8
Jun	-3.5	14.6	-3.9	-16.6	1.4	18.1	-2.4	0.3	-7.5	-4.7	-3.2
Jul	-3.0	14.8	-3.8	-11.6	0.3	18.0	-1.0	-1.2	-6.1	-3.8	-1.3
Aug	-2.8	4.9	-3.6	-4.7	0.1	5.0	1.9	-1.5	-5.4	-3.3	-1.5
Sep	-2.6	-3.5	-3.2	1.3	0.3	-5.9	2.3	-1.9	-4.8	-2.2	-2.1
Oct	-2.1	-9.2	-2.3	4.1	-0.3	-12.3	3.7	-0.9	-2.7	-3.0	-3.3
Nov	-1.9	-4.2	-2.5	4.2	-0.6	-5.1	1.6	-0.3	-1.9	-5.0	-1.4
Dec	-2.1	-3.8	-2.5	2.4	-1.3	-3.4	1.3	-1.9	-0.2	-5.8	-1.9
2023 Jan	-2.6	-7.1	-2.8	0.1	-0.6	-6.3	-0.8	-1.4	-0.7	-6.6	-4.0
Feb	-2.5	-11.3	-2.1	-1.3	-0.9	-11.5	-0.4	-1.0	0.9	-6.4	-6.2
Mar	-1.9	-14.1	-1.2	-1.0	-0.6	-14.5	0.7	1.5	2.1	-7.2	-7.1
Apr	-1.4	-14.4	-0.4	-1.0	-1.5	-15.1	2.5	0.6	5.0	-6.8	-7.3
May	-1.4	-16.0	-	-1.5	-2.0	-16.7	3.5	0.5	6.3	-7.2	-7.7
Jun	-0.5	-16.2	1.5	-3.4	-3.2	-17.8	4.0	1.0	8.5	-5.3	-8.5
Jul	0.1	-17.3	2.4	-3.7	-3.1	-19.1	2.8	2.2	9.3	-4.4	-8.6
Aug	1.1	-14.5	3.4	-2.4	-3.4	-16.0	-1.1	3.9	9.8	-3.3	-6.9
Sep	1.0	-13.5	2.9	-0.9	-3.1	-14.3	-2.5	3.1	9.5	-3.9	-5.5
Oct	0.5	-10.7	1.8	-0.7	-2.4	-11.3	-2.2	0.8	8.8	-4.6	-4.2
Nov	0.1	-12.6	1.5	-1.0	-2.0	-14.0	0.1	-0.1	8.8	-4.9	-4.8
Dec	-0.1	-10.8	1.3	-2.5	-2.3	-12.4	-0.3	-0.1	7.6	-4.2	-4.6
2024 Jan	0.3	-8.1	1.7	-2.2	-4.2	-8.5	-0.3	0.7	7.8	-4.0	-3.2
Feb	0.8	-6.2	2.1	-1.2	-4.2	-5.5	-0.5	0.7	8.2	-3.4	-1.9

1 Any apparent inconsistencies between the index numbers and the percentage changes shown in these tables are due to rounding.

2 Any apparent inconsistencies between these tables and the latest GDP estimate are due to rounding.

† indicates that data are new or have been revised. The period marked is the earliest in the table to have been revised.

IOP5 Output of the Production Industries

continued

Chained volume indices of gross value added¹

Seasonally adjusted 2019 = 100

Section	Broad industry groups					Main industrial groupings					
	Production industries B+C+D+E	Mining and quarrying B	Manufacturing C	Electricity, gas, steam and air conditioning D	Water supply, sewerage and waste management E	Oil and gas extraction 06	Consumer durables MIG-CD	Consumer non-durables MIG-CND	Capital goods MIG-CAG	Intermediate goods MIG-IG	Energy MIG-NRG
Latest weight	1 000.0	77.3	721.6	110.9	90.2	64.3	66.2	197.8	264.2	243.7	219.2
	K222	K224	K22A	K248	K24C	K226	K24Q	K24R	K24S	K24O	K24T
Percentage change, latest 3 months on previous 3 months²											
2021 Dec	-0.5	-5.3	-0.1	-2.2	0.8	-7.8	-1.1	3.1	-3.3	1.3	-3.2
2022 Jan	0.6	-7.7	0.9	4.6	0.8	-11.4	3.3	1.3	-0.1	2.0	-1.1
Feb	0.6	-1.9	0.2	7.0	0.6	-4.2	2.6	0.2	-	0.6	2.3
Mar	-	3.0	-0.7	5.1	-	2.0	2.2	-4.2	0.3	1.1	3.7
Apr	-0.7	4.3	-1.5	1.6	0.5	5.1	-1.7	-2.5	-2.1	-0.7	2.9
May	-0.7	3.8	-1.2	-0.8	0.5	4.9	-2.5	-1.8	-1.8	-0.5	1.5
Jun	-0.6	1.8	-1.0	-0.7	0.9	3.7	-2.6	0.9	-1.8	-2.3	0.5
Jul	-0.8	1.8	-1.0	-1.0	-0.2	3.4	0.4	-	-0.8	-2.2	-0.7
Aug	-1.3	-1.8	-1.5	-0.5	-0.1	-1.2	3.7	-1.2	-0.2	-3.0	-2.1
Sep	-1.5	-2.8	-1.4	-0.8	-1.4	-3.6	3.9	-1.6	-	-2.3	-2.9
Oct	-1.2	-7.3	-0.7	-1.1	-1.3	-9.0	1.7	0.2	0.4	-2.1	-4.2
Nov	-0.5	-4.2	-	-1.3	-1.5	-4.5	-2.2	2.6	0.1	-2.1	-3.0
Dec	-	-5.7	0.7	-1.0	-0.8	-5.3	-2.1	3.1	1.4	-2.4	-3.0
2023 Jan	0.1 ^T	-5.6	0.4	0.6 ^T	0.4 ^T	-5.3 ^T	-1.2	0.9	2.0	-1.8	-1.9 ^T
Feb	-	-9.1 ^T	0.6	1.3	0.2	-10.6	0.7 ^T	-0.5	2.9 ^T	-0.9	-2.7
Mar	0.2	-8.0	0.6	1.6	0.7	-9.7	1.6	-0.9	2.6	-0.4	-1.8
Apr	0.5	-3.9	1.0 ^T	0.5	-0.4	-4.7	1.6	-0.5	3.5	-0.9 ^T	-0.6
May	0.5	-1.7	0.9	-1.0	-0.6	-1.2	1.2	-0.3 ^T	3.5	-1.4	-0.2
Jun	0.8	-0.7	1.6	-3.1	-1.7	-0.2	0.6	0.4	4.3	-0.3	-1.0
Jul	0.7	-1.6	1.7	-3.7	-1.8	-1.6	0.7	1.6	3.2	0.3	-2.1
Aug	1.2	-0.1	1.9	-1.4	-1.6	-0.3	-0.8	2.1	3.0	1.1	-1.2
Sep	-	0.2	-	1.7	-1.3	0.5	-2.6	0.5	0.9	-0.9	0.2
Oct	-0.9	-	-1.2	2.0	-0.7	-0.1	-3.2	-1.2	-0.1	-2.2	0.4
Nov	-1.6	-2.0	-1.9	0.1	-0.1	-2.3	-1.0	-1.3	-0.8	-3.7	-0.8
Dec	-1.1	-2.7	-1.0	-2.7	-	-3.2	0.1	-	-0.4	-2.7	-2.0
2024 Jan	-0.1	-2.7	0.3	-1.0	-1.4	-2.3	0.7	0.8	1.0	-1.3	-1.0
Feb	0.7	-2.5	1.2	1.2	-2.0	-1.8	0.1	0.2	2.3	0.6	0.2

1 Any apparent inconsistencies between the index numbers and the percentage changes shown in these tables are due to rounding.

2 Any apparent inconsistencies between these tables and the latest GDP estimate are due to rounding.

^T indicates that data are new or have been revised. The period marked is the earliest in the table to have been revised.

IOP5 Output of the Production Industries

Chained volume indices of gross value added¹

continued

Seasonally adjusted 2019 = 100

Section	Food products, beverages and tobacco	Textiles, wearing apparel and leather products	Wood and paper products and printing	Coke and refined petroleum products	Chemicals and chemical products	Basic pharmaceutical products and preparations
	CA	CB	CC	CD	CE	CF
Latest weight	115.8	23.9	48.0	12.6	44.2	49.8
	K22B	K22P	K22T	K22X	K22Z	K239
2019	100.0	100.0	100.0	100.0	100.0	100.0
2020	103.4	66.7	89.3	85.6	101.9	120.2
2021	114.4	119.2	92.5	82.4	90.8	121.9
2022	116.9	128.0	88.1	87.7	86.7	117.2
2023	115.5 [†]	117.3 [†]	82.4 [†]	84.5 [†]	77.9 [†]	128.5 [†]
2022 Q4	115.0	127.2	84.4	82.0	80.8	131.1
2023 Q1	115.2 [†]	121.5 [†]	83.1 [†]	85.5 [†]	79.9	125.6 [†]
Q2	114.9	119.5	83.6	89.4	78.3 [†]	128.6
Q3	115.1	115.6	83.0	82.9	77.8	130.2
Q4	116.6	112.7	79.7	80.2	75.7	129.6
2022 Dec	114.7	127.7	83.3	80.5	78.6	129.5
2023 Jan	115.3 [†]	123.6 [†]	83.5 [†]	83.3 [†]	81.6 [†]	124.7 [†]
Feb	115.4	121.5	82.8	84.7	79.0	123.0
Mar	114.9	119.3	83.1	88.5	79.1	129.1
Apr	113.7	117.8	84.2	90.1	78.3	125.7
May	114.8	117.9	82.6	91.1	77.2	124.6
Jun	116.1	122.7	84.1	87.0	79.3	135.5
Jul	115.7	115.1	84.4	83.4	79.0	131.3
Aug	114.2	115.4	83.6	83.9	77.1	130.9
Sep	115.6	116.5	81.2	81.3	77.3	128.4
Oct	115.8	112.4	80.1	79.1	75.4	124.1
Nov	116.7	113.0	80.0	80.6	76.1	130.3
Dec	117.3	112.6	78.9	80.9	75.6	134.3
2024 Jan	116.8	110.7	79.9	81.6	74.7	122.7
Feb	118.3	113.2	80.3	83.8	75.9	124.2
Percentage change, latest year on previous year						
2019	0.1	12.5	1.9	-18.7	14.5	5.7
2020	3.4	-33.3	-10.7	-14.4	1.9	20.2
2021	10.7	78.6	3.7	-3.7	-10.9	1.4
2022	2.2	7.4	-4.8	6.4	-4.5	-3.9
2023	-1.3 [†]	-8.4 [†]	-6.6 [†]	-3.7 [†]	-10.1 [†]	9.7 [†]
Percentage change, latest month on same month a year ago						
2021 Dec	8.5	47.9	-0.9	5.3	-4.2	27.5
2022 Jan	10.7	47.0	0.9	16.3	1.0	-9.8
Feb	8.3	34.6	1.2	28.5	-0.4	-1.8
Mar	7.1	22.4	0.9	33.7	1.7	-11.4
Apr	2.2	15.9	-6.3	23.8	-4.1	5.2
May	2.3	6.2	-4.7	14.8	0.1	-11.5
Jun	0.7	-3.0	-4.4	-4.3	-7.1	2.6
Jul	1.2	3.3	-4.3	-7.0	-5.4	-10.1
Aug	1.2	0.1	-5.0	-6.1	-1.6	-13.6
Sep	-1.3	-2.0	-7.1	1.8	-4.1	5.3
Oct	-1.7	-4.6	-9.7	1.0	-7.2	9.1
Nov	-1.5	-5.3	-8.9	-6.5	-11.1	0.3
Dec	-1.5	-1.4	-9.7	-6.8	-15.9	-8.2
2023 Jan	-2.0 [†]	-5.1 [†]	-9.6 [†]	-6.5 [†]	-15.5 [†]	14.9 [†]
Feb	-2.0	-3.1	-10.8	-8.3	-14.3	5.3
Mar	-2.7	-8.2	-9.9	-8.1	-12.8	19.8
Apr	-3.9	-10.4	-6.8	-7.6	-12.5	12.4
May	-3.5	-8.4	-8.4	-6.4	-14.0	8.5
Jun	-1.3	-0.6	-3.7	-3.3	-6.7	17.4
Jul	-1.7	-10.5	-4.7	3.4	-6.5	18.4
Aug	-2.6	-9.7	-2.3	2.5	-10.8	25.1
Sep	0.9	-9.5	-4.6	-0.7	-7.4	5.0
Oct	0.9	-10.8	-6.5	-4.5	-9.4	-10.7
Nov	1.0	-11.7	-5.1	-2.4	-5.5	4.5
Dec	2.3	-11.9	-5.3	0.5	-3.8	3.7
2024 Jan	1.3	-10.5	-4.2	-2.1	-8.5	-1.6
Feb	2.6	-6.8	-3.0	-1.1	-3.9	1.0

¹ Any apparent inconsistencies between the index numbers and the percentage changes shown in these tables are due to rounding.

[†] indicates that data are new or have been revised. The period marked is the earliest in the table to have been revised.

IOP5 Output of the Production Industries

continued

Chained volume indices of gross value added¹

Seasonally adjusted 2019 = 100

Section	Rubber and plastic products and non-metallic mineral products	Basic metals and metal products	Computer, electronic and optical products	Electrical equipment	Machinery and equipment not elsewhere classified	Transport equipment	Other manufacturing and repair
	CG	CH	CI	CJ	CK	CL	CM
Latest weight	52.4	80.8	50.4	18.4	57.2	101.2	66.8
	K23B	K23G	K23N	K23P	K23R	K23T	K23Z
2019	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2020	100.2	107.6	103.9	135.2	104.7	99.7	98.8
2021	103.8	93.5	106.8	94.1	107.1	100.4	102.8
2022	99.7	87.9	107.1	79.9	93.7	93.7	102.1
2023	90.6 [†]	91.6 [†]	111.4 [†]	79.3 [†]	90.3 [†]	107.5 [†]	104.1 [†]
2022 Q4	97.4	85.0	108.7	78.2	90.9	94.8	102.9
2023 Q1	97.0 [†]	88.8 [†]	110.8 [†]	75.9 [†]	93.3 [†]	98.5 [†]	103.3 [†]
Q2	93.9	90.4	112.8	79.3	92.0	107.1	106.2
Q3	88.4	93.6	110.9	83.0	91.0	111.0	103.9
Q4	83.2	93.5	111.0	79.1	85.0	113.3	103.1
2022 Dec	97.5	84.3	109.7	77.5	93.3	95.9	104.3
2023 Jan	99.0 [†]	88.5	108.2 [†]	79.7	92.3 [†]	96.5 [†]	103.1 [†]
Feb	97.8	88.6 [†]	111.0	73.5 [†]	94.0	98.7	103.3
Mar	94.1	89.3	113.2	74.4	93.6	100.4	103.5
Apr	93.5	89.7	108.8	78.6	94.4	106.2	106.6
May	92.6	90.0	113.2	76.9	91.0	104.3	104.7
Jun	95.7	91.5	116.5	82.5	90.6	110.9	107.2
Jul	89.5	93.1	112.5	84.0	92.8	109.3	106.1
Aug	89.0	94.0	108.5	82.6	91.0	112.4	102.8
Sep	86.5	93.7	111.8	82.2	89.2	111.2	102.6
Oct	83.5	92.5	109.9	79.5	86.5	111.7	103.1
Nov	82.3	93.1	112.4	79.2	84.2	112.8	103.0
Dec	83.7	95.0	110.8	78.7	84.4	115.5	103.1
2024 Jan	82.9	95.8	111.1	76.2	86.2	118.3	105.6
Feb	83.8	97.7	112.0	76.4	83.4	122.6	105.1
Percentage change, latest year on previous year							
2019	1.3	-3.6	0.6	16.3	-8.6	-2.8	-1.2
2020	0.2	7.6	3.9	35.2	4.7	-0.3	-1.2
2021	3.6	-13.1	2.8	-30.4	2.3	0.6	4.0
2022	-3.9	-6.0	0.3	-15.1	-12.5	-6.7	-0.7
2023	-9.1 [†]	4.2 [†]	4.0 [†]	-0.7 [†]	-3.6 [†]	14.8 [†]	1.9 [†]
Percentage change, latest month on same month a year ago							
2021 Dec	-9.1	-22.8	8.1	-28.4	-30.1	-16.4	-3.2
2022 Jan	-3.8	-13.2	2.7	-30.1	-13.1	-12.4	-3.2
Feb	-5.8	-10.1	-4.8	-29.2	-14.7	-15.2	-0.1
Mar	-7.4	-8.5	0.8	-22.7	-18.7	-13.0	1.2
Apr	-4.9	-6.9	-7.3	-22.1	-17.8	-8.7	-3.4
May	0.9	-6.7	-5.1	-19.0	-13.1	-1.9	-3.0
Jun	-2.2	-8.8	-1.7	-11.0	-12.6	-7.2	-1.9
Jul	-0.9	-2.9	1.4	-9.3	-10.6	-8.3	-2.5
Aug	-1.0	-1.5	6.9	-3.0	-12.0	-7.7	2.3
Sep	-4.7	-1.7	2.4	-3.1	-16.1	-4.8	-0.2
Oct	-5.4	-1.0	7.0	-3.0	-4.0	1.4	-1.3
Nov	-9.2	-3.9	1.2	-3.6	-10.6	0.3	0.6
Dec	-2.0	-4.1	0.8	-8.7	-3.5	0.9	4.0
2023 Jan	-2.3 [†]	-2.4 [†]	-1.1 [†]	-5.6	-9.1 [†]	2.8 [†]	2.4 [†]
Feb	-1.3	-2.8	5.5	-10.0 [†]	-3.1	5.5	0.1
Mar	-6.3	-2.4	6.8	-10.4	-1.4	6.3	0.9
Apr	-7.7	-0.4	6.1	-2.2	1.2	12.6	7.2
May	-11.0	1.2	9.9	-2.4	-5.1	10.6	4.0
Jun	-5.4	4.3	10.2	4.3	-4.4	19.6	4.6
Jul	-10.6	7.7	4.8	7.6	0.8	19.7	3.9
Aug	-10.5	7.9	-3.5	3.7	-0.5	20.6	-0.9
Sep	-11.2	8.8	4.0	4.1	-1.8	21.0	0.6
Oct	-14.9	8.2	2.4	0.6	-2.8	19.6	1.6
Nov	-14.8	9.2	3.1	1.4	-6.8	18.6	0.2
Dec	-14.2	12.7	1.0	1.5	-9.6	20.4	-1.2
2024 Jan	-16.2	8.3	2.6	-4.4	-6.6	22.5	2.3
Feb	-14.3	10.3	0.9	3.9	-11.3	24.3	1.8

¹ Any apparent inconsistencies between the index numbers and the percentage changes shown in these tables are due to rounding.

[†] indicates that data are new or have been revised. The period marked is the earliest in the table to have been revised.

IOP5 Output of the Production Industries

Chained volume indices of gross value added¹

continued

Seasonally adjusted 2019 = 100

Section	Food products, beverages and tobacco	Textiles, wearing apparel and leather products	Wood and paper products and printing	Coke and refined petroleum products	Chemicals and chemical products	Basic pharmaceutical products and preparations
	CA	CB	CC	CD	CE	CF
Latest weight	115.8	23.9	48.0	12.6	44.2	49.8
	K22B	K22P	K22T	K22X	K22Z	K239
Percentage change, latest month on previous month						
2021 Dec	-0.8	-4.2	-0.3	-2.1	3.2	13.5
2022 Jan	1.1	0.6	0.1	3.1	3.3	-23.1
Feb	-	-3.8	0.5	3.7	-4.5	7.6
Mar	0.3	3.6	-0.6	4.2	-1.6	-7.7
Apr	0.2	1.2	-2.2	1.2	-1.2	3.7
May	0.6	-2.1	-0.1	-0.2	0.3	2.7
Jun	-1.1	-4.0	-3.2	-7.5	-5.4	0.5
Jul	0.1	4.1	1.4	-10.3	-0.6	-3.9
Aug	-0.4	-0.5	-3.3	1.4	2.3	-5.7
Sep	-2.4	0.6	-0.6	-	-3.3	17.0
Oct	0.2	-2.0	0.6	1.2	-0.5	13.6
Nov	0.8	1.6	-1.6	-0.4	-3.2	-10.2
Dec	-0.8	-0.2	-1.2	-2.5	-2.4	3.8
2023 Jan	0.5 †	-3.2 †	0.2 †	3.5 †	3.8 †	-3.7 †
Feb	0.1	-1.7	-0.8	1.7	-3.2	-1.4
Mar	-0.4	-1.8	0.4	4.5	0.2	5.0
Apr	-1.0	-1.3	1.3	1.8	-0.9	-2.6
May	0.9	0.1	-1.9	1.2	-1.4	-0.8
Jun	1.2	4.1	1.8	-4.5	2.7	8.7
Jul	-0.4	-6.3	0.3	-4.2	-0.4	-3.1
Aug	-1.3	0.3	-0.9	0.6	-2.4	-0.4
Sep	1.2	0.9	-2.9	-3.1	0.4	-1.9
Oct	0.2	-3.5	-1.3	-2.7	-2.5	-3.4
Nov	0.8	0.5	-0.2	1.9	0.9	5.0
Dec	0.5	-0.4	-1.3	0.3	-0.6	3.1
2024 Jan	-0.4	-1.7	1.3	0.9	-1.3	-8.6
Feb	1.3	2.3	0.5	2.7	1.6	1.2
Percentage change, latest 3 months on same 3 months a year ago						
2021 Dec	8.9	62.0	0.9	3.9	-10.0	16.6
2022 Jan	9.4	53.1	-0.3	9.5	-5.6	9.0
Feb	9.1	43.0	0.4	16.2	-1.2	4.7
Mar	8.7	33.9	1.0	26.0	0.8	-7.7
Apr	5.8	23.7	-1.5	28.5	-1.0	-3.0
May	3.8	14.5	-3.4	23.6	-0.8	-6.5
Jun	1.7	6.0	-5.1	10.6	-3.7	-1.8
Jul	1.4	2.1	-4.5	0.9	-4.2	-6.7
Aug	1.0	0.1	-4.6	-5.8	-4.7	-7.3
Sep	0.4	0.4	-5.4	-3.9	-3.7	-6.3
Oct	-0.6	-2.2	-7.3	-1.2	-4.3	0.4
Nov	-1.5	-4.0	-8.6	-1.4	-7.5	5.0
Dec	-1.5	-3.8	-9.4	-4.2	-11.5	0.1
2023 Jan	-1.7 †	-4.0 †	-9.4 †	-6.6	-14.2	1.3
Feb	-1.9	-3.2	-10.0	-7.2 †	-15.2	2.9
Mar	-2.3	-5.5	-10.1	-7.7	-14.2	13.1 †
Apr	-2.9	-7.3	-9.2	-8.0	-13.2 †	12.3
May	-3.4	-9.0	-8.4	-7.4	-13.1	13.4
Jun	-2.9	-6.6	-6.3	-5.8	-11.2	12.8
Jul	-2.2	-6.6	-5.6	-2.4	-9.2	14.7
Aug	-1.9	-7.0	-3.6	0.7	-8.0	20.2
Sep	-1.2	-9.9	-3.9	1.7	-8.3	15.6
Oct	-0.3	-10.0	-4.5	-0.9	-9.2	4.8
Nov	0.9	-10.6	-5.4	-2.5	-7.5	-0.8
Dec	1.4	-11.5	-5.6	-2.2	-6.3	-1.1
2024 Jan	1.5	-11.4	-4.9	-1.3	-6.0	2.2
Feb	2.0	-9.7	-4.2	-0.9	-5.4	1.1

¹ Any apparent inconsistencies between the index numbers and the percentage changes shown in these tables are due to rounding.

† indicates that data are new or have been revised. The period marked is the earliest in the table to have been revised.

IOP5 Output of the Production Industries

continued

Chained volume indices of gross value added¹

Seasonally adjusted 2019 = 100

Section	Rubber and plastic products and non-metallic mineral products	Basic metals and metal products	Computer, electronic and optical products	Electrical equipment	Machinery and equipment not elsewhere classified	Transport equipment	Other manufacturing and repair
	CG	CH	CI	CJ	CK	CL	CM
Latest weight	52.4	80.8	50.4	18.4	57.2	101.2	66.8
	K23B	K23G	K23N	K23P	K23R	K23T	K23Z
Percentage change, latest month on previous month							
2021 Dec	-6.4	-0.9	1.0	4.7	-4.2	0.2	-1.9
2022 Jan	1.9	3.0	0.5	-0.6	5.0	-1.2	0.5
Feb	-2.2	0.6	-3.8	-3.2	-4.5	-0.4	2.4
Mar	1.3	0.3	0.7	1.5	-2.1	1.0	-0.6
Apr	0.9	-1.6	-3.3	-3.2	-1.7	-0.2	-3.0
May	2.7	-1.2	0.5	-1.9	2.8	-0.1	1.2
Jun	-2.8	-1.4	2.6	0.4	-1.2	-1.6	1.7
Jul	-1.0	-1.4	1.5	-1.3	-2.9	-1.5	-0.3
Aug	-0.6	0.7	4.7	2.0	-0.7	2.0	1.6
Sep	-2.0	-1.1	-4.3	-0.8	-0.7	-1.4	-1.7
Oct	0.8	-0.8	-0.1	0.1	-2.0	1.7	-0.5
Nov	-1.6	-0.1	1.6	-1.1	1.5	1.9	1.2
Dec	1.0	-1.1	0.5	-0.8	3.3	0.8	1.4
2023 Jan	1.5 †	4.9	-1.3 †	2.8	-1.1 †	0.7 †	-1.1 †
Feb	-1.2	0.1 †	2.5	-7.7 †	1.9	2.3	0.1
Mar	-3.9	0.8	2.0	1.1	-0.4	1.8	0.2
Apr	-0.6	0.4	-3.9	5.7	0.9	5.7	3.0
May	-0.9	0.4	4.1	-2.2	-3.7	-1.8	-1.8
Jun	3.3	1.6	2.9	7.4	-0.4	6.3	2.4
Jul	-6.4	1.8	-3.5	1.8	2.4	-1.4	-1.0
Aug	-0.6	0.9	-3.6	-1.7	-1.9	2.8	-3.1
Sep	-2.8	-0.3	3.1	-0.5	-1.9	-1.1	-0.2
Oct	-3.5	-1.3	-1.7	-3.3	-3.0	0.5	0.5
Nov	-1.4	0.7	2.3	-0.3	-2.6	1.0	-0.2
Dec	1.7	2.1	-1.5	-0.7	0.2	2.4	0.1
2024 Jan	-0.9	0.8	0.3	-3.2	2.2	2.4	2.4
Feb	1.1	1.9	0.9	0.3	-3.3	3.7	-0.4
Percentage change, latest 3 months on same 3 months a year ago							
2021 Dec	-6.2	-23.2	-3.1	-39.3	-28.8	-19.9	-2.0
2022 Jan	-5.7	-19.5	1.4	-34.7	-23.6	-16.8	-2.8
Feb	-6.3	-15.6	1.8	-29.2	-20.0	-14.7	-2.2
Mar	-5.7	-10.6	-0.5	-27.5	-15.5	-13.5	-0.7
Apr	-6.1	-8.5	-3.9	-24.8	-17.1	-12.4	-0.8
May	-3.9	-7.4	-4.0	-21.3	-16.6	-8.1	-1.8
Jun	-2.1	-7.5	-4.7	-17.6	-14.5	-6.0	-2.8
Jul	-0.7	-6.2	-1.8	-13.3	-12.1	-5.8	-2.5
Aug	-1.4	-4.5	2.2	-7.9	-11.7	-7.7	-0.8
Sep	-2.2	-2.0	3.5	-5.2	-13.0	-7.0	-0.2
Oct	-3.7	-1.4	5.4	-3.1	-11.0	-3.8	0.2
Nov	-6.5	-2.2	3.5	-3.2	-10.6	-1.1	-0.3
Dec	-5.6	-3.0	2.9	-5.1	-6.1	0.8	1.1
2023 Jan	-4.6 †	-3.4	0.3 †	-6.0	-7.8	1.3	2.3 †
Feb	-1.9	-3.1 †	1.7	-8.1 †	-5.3	3.0 †	2.1
Mar	-3.3	-2.5	3.7	-8.6	-4.6	4.9	1.1
Apr	-5.1	-1.9	6.1	-7.6	-1.1	8.1	2.7
May	-8.4	-0.5	7.6	-5.1	-1.8 †	9.8	4.0
Jun	-8.0	1.7	8.8	-0.1	-2.8	14.2	5.2
Jul	-9.0	4.4	8.3	3.2	-3.0	16.6	4.2
Aug	-8.8	6.6	3.7	5.2	-1.4	20.0	2.6
Sep	-10.7	8.1	1.7	5.1	-0.5	20.5	1.2
Oct	-12.2	8.3	0.9	2.8	-1.7	20.4	0.4
Nov	-13.6	8.7	3.1	2.0	-3.8	19.7	0.8
Dec	-14.6	10.0	2.1	1.1	-6.4	19.5	0.2
2024 Jan	-15.1	10.0	2.2	-0.5	-7.7	20.5	0.4
Feb	-14.9	10.4	1.5	0.3	-9.2	22.4	1.0

1 Any apparent inconsistencies between the index numbers and the percentage changes shown in these tables are due to rounding

† indicates that data are new or have been revised. The period marked is the earliest in the table to have been revised.

IOP5 Output of the Production Industries

continued

Chained volume indices of gross value added¹

Seasonally adjusted 2019 = 100

Section	Food products, beverages and tobacco	Textiles, wearing apparel and leather products	Wood and paper products and printing	Coke and refined petroleum products	Chemicals and chemical products	Basic pharmaceutical products and preparations
	CA	CB	CC	CD	CE	CF
Latest weight	115.8	23.9	48.0	12.6	44.2	49.8
	K22B	K22P	K22T	K22X	K22Z	K239
Percentage change, latest 3 months on previous 3 months						
2021 Dec	0.6	3.5	2.0	0.9	3.6	8.9
2022 Jan	0.8	1.0	0.2	5.7	6.1	2.6
Feb	0.5	-3.3	-0.5	6.8	5.5	-0.4
Mar	0.9	-2.8	-0.8	8.2	2.1	-15.2
Apr	0.8	-2.1	-0.7	8.5	-2.9	-10.1
May	1.0	1.3	-1.7	8.7	-4.3	-8.7
Jun	0.4	-0.5	-3.5	2.5	-5.4	2.7
Jul	-	-1.6	-3.4	-6.4	-4.9	1.4
Aug	-0.8	-2.6	-4.1	-13.2	-5.3	-1.1
Sep	-1.5	0.3	-3.2	-14.2	-3.8	-1.2
Oct	-2.2	0.5	-3.6	-8.0	-2.3	7.3
Nov	-2.2	0.7	-2.5	-2.1	-3.3	16.7
Dec	-1.3	-0.9	-2.3	0.6	-4.8	16.4
2023 Jan	-0.3 [†]	-0.8 [†]	-2.1	-0.1 [†]	-4.9	3.6
Feb	0.1	-2.6	-2.1 [†]	0.5	-3.3 [†]	-2.3 [†]
Mar	0.1	-4.5	-1.5	4.3	-1.1	-4.2
Apr	-0.5	-5.5	-0.4	6.9	-1.8	-0.3
May	-0.6	-4.8	0.1	8.5	-1.9	0.6
Jun	-0.3	-1.6	0.6	4.6	-2.0	2.4
Jul	0.8	-0.8	0.4	-0.6	-0.4	3.6
Aug	0.8	-0.5	0.9	-5.7	0.3	4.8
Sep	0.2	-3.2	-0.7	-7.3	-0.6	1.3
Oct	-0.3	-3.2	-2.5	-6.6	-2.4	-2.0
Nov	0.6	-3.2	-4.3	-5.2	-2.8	-3.7
Dec	1.3	-2.6	-4.1	-3.3	-2.7	-0.5
2024 Jan	1.5	-2.3	-2.5	-0.6	-1.5	1.0
Feb	1.2	-1.6	-0.9	2.1	-1.1	-0.4

¹ Any apparent inconsistencies between the index numbers and the percentage changes shown in these tables are due to rounding.

[†] indicates that data are new or have been revised. The period marked is the earliest in the table to have been revised.

IOP5 Output of the Production Industries

continued

Chained volume indices of gross value added¹

Seasonally adjusted 2019 = 100

Section	Rubber and plastic products and non-metallic mineral products	Basic metals and metal products	Computer, electronic and optical products	Electrical equipment	Machinery and equipment not elsewhere classified	Transport equipment	Other manufacturing and repair
	CG	CH	CI	CJ	CK	CL	CM
Latest weight	52.4	80.8	50.4	18.4	57.2	101.2	66.8
	K23B	K23G	K23N	K23P	K23R	K23T	K23Z
Percentage change, latest 3 months on previous 3 months							
2021 Dec	1.9	-0.8	0.3	-0.9	-7.8	-5.0	-1.0
2022 Jan	0.2	1.9	5.0	2.1	-1.8	-2.0	-1.1
Feb	-4.0	2.7	3.3	2.8	-2.2	-0.3	-1.0
Mar	-2.8	3.9	1.2	0.6	1.1	-	0.4
Apr	-2.1	2.0	-3.8	-2.1	-4.7	-0.5	0.7
May	1.9	0.3	-3.7	-3.5	-3.8	0.2	-0.5
Jun	1.8	-2.4	-2.9	-4.3	-3.3	-0.3	-1.3
Jul	1.5	-3.5	0.7	-3.7	-0.9	-1.5	-
Aug	-1.6	-3.4	4.5	-2.2	-2.1	-2.1	1.8
Sep	-3.0	-2.6	5.1	-0.6	-3.4	-1.7	1.7
Oct	-3.3	-1.7	3.5	0.8	-4.1	0.1	0.7
Nov	-2.8	-1.7	-0.5	-0.2	-2.9	1.2	-0.6
Dec	-1.6	-1.8	-0.3	-0.8	-0.6	2.9	0.2
2023 Jan	-0.7 [†]	-0.2	-	-1.0	1.8	3.3 [†]	1.0 [†]
Feb	0.7	1.8 [†]	1.5 [†]	-2.4 [†]	3.5 [†]	3.8	1.4
Mar	-0.5	4.4	1.9	-3.1	2.7	4.0	0.4
Apr	-2.6	3.6	1.8	-3.8	2.2	6.2	1.0
May	-4.8	2.9	1.9	-0.4	-0.2	6.8	1.3
Jun	-3.1	1.8	1.8	4.6	-1.4	8.7	2.8
Jul	-2.6	2.7	2.8	7.5	-2.7	6.3	1.5
Aug	-2.1	3.6	0.7	8.4	-1.7	7.0	0.4
Sep	-5.9	3.6	-1.7	4.6	-1.1	3.6	-2.2
Oct	-6.7	2.0	-3.5	0.4	-2.8	3.3	-3.0
Nov	-8.0	0.3	-1.0	-3.3	-5.3	0.9	-2.4
Dec	-5.9	-0.1	0.1	-4.6	-6.5	2.1	-0.8
2024 Jan	-3.9	1.4	1.3	-4.2	-4.5	3.4	1.0
Feb	-0.8	3.3	-0.1	-4.0	-2.3	6.2	1.6

¹ Any apparent inconsistencies between the index numbers and the percentage changes shown in these tables are due to rounding

[†] indicates that data are new or have been revised. The period marker is the earliest in the table to have been revised.



Next publication: 10th May 2024

Issued by: Office for National Statistics, Government Buildings, Cardiff Road, Newport NP10 8XG

Media contact:

Tel: Media Relations Office +44 (0) 845 6041858

Emergency on-call +44 (0) 7867 906553

Email: press.office@ons.gov.uk

Statistical contact:

Email: indexofproduction@ons.gov.uk

Contact us:

Tel: +44 (0) 845 601 3034

Email: info@ons.gov.uk

Website: www.statistics.gov.uk

Twitter: www.twitter.com/statisticsONS