

Statistical bulletin

# Index of Production, UK: August 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](mailto:indexofproduction@ons.gov.uk)

Release date:  
11 October 2024

Next release:  
15 November 2024

## Table of contents

1. [Main points](#)
2. [Data on the Index of Production](#)
3. [Data sources and quality](#)
4. [Related links](#)
5. [Cite this statistical bulletin](#)

# 1 . Main points

- Monthly production output was estimated to have increased by 0.5% in August 2024; this follows a decrease of 0.7% (revised up 0.1 percentage points) in July 2024.
- The monthly output increase in August 2024 resulted primarily from an increase of 1.1% in “manufacturing”, supported by smaller contributing increases in “water supply and sewerage” (1.5%) and “electricity and gas” (1.2%); these rises were partially offset by a fall in “mining and quarrying” (down 4.0%).
- The monthly increase in manufacturing output in August 2024 saw increases in 9 of its 13 subsectors, with six subsectors increasing by more than 1%.
- The largest positive contributions to manufacturing output in August 2024 came from the “manufacture of transport equipment” and “manufacture of basic metals and metal products”; these increased by 2.1% and 2.3%, respectively.
- The monthly fall in August 2024 in “mining and quarrying” came from the “extraction of crude petroleum and natural gas”, which saw a 4.2% fall; this is the biggest decrease in this industry since January 2023 (down 8.0%).
- Production output for the three months to August 2024 was estimated to have remained flat (0.0%) compared with the three months to May 2024; strength in “manufacturing” (0.5%) and “water supply and sewerage” (0.3%) was offset by weakness in “mining and quarrying” (down 1.7%) and “electricity and gas” (down 1.9%).

## 2 . Data on the Index of Production

### [Index of Production time series](#)

Dataset DIOP | Released 11 October 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 11 October 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 11 October 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 11 October 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 11 October 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 . Data sources and quality

The Index of Production (IoP) uses data from a variety of sources. It is calculated by taking turnover and removing the effect 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.

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 August 2024

For August 2024, MBS response rates were 73.7%, based on forms returned. This accounted for 82.9% of total turnover coverage of the sample population. For further information, see our [current and historical MBS \(production\) response rates dataset](#).

### 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 on Section 2 of 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 [Index of Production, UK QMI](#). This was last updated on 7 June 2024.

### Accredited official statistics

These accredited official statistics were [independently reviewed by the Office for Statistics Regulation in April 2014](#). They comply with the standards of trustworthiness, quality and value in [the Code of Practice for Statistics](#) and should be labelled “accredited official statistics”.

### Revisions to Index of Production

In line with the [National Accounts Revisions Policy](#), this release gives data for August 2024 for the first time with revisions open for all other periods. This release contains data consistent with the [UK National Accounts, The Blue Book 2024](#), which is to be released on 31 October 2024.

These revisions are consistent with our [Quarterly national accounts release that was published on 30 September 2024](#), and incorporates improved source data, updated seasonal adjustment parameters, and additional updated data as would happen in all quarterly national accounts releases. This includes new Value Added Tax (VAT) turnover data for Quarter 4 (Oct to Dec) 2023 and Quarter 1 (Jan to Mar) 2024.

### Blue Book 2024 publication update

This estimates 2022 for the first time using the supply and use tables (SUTs) framework, as well as improving the estimates of 2020 and 2021 based on more recent data. Additionally, we have updated the base year to 2022 after holding this fixed since the start of the coronavirus (COVID-19) pandemic. For more information on these revisions please see our [Blue Book 2024: advanced aggregate estimates article](#).

## 4 . Related links

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

Bulletin | Released 11 October 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.

### [GDP quarterly national accounts, UK: April to June 2024](#)

Bulletin | Released 30 September 2024

Revised quarterly estimate of gross domestic product (GDP) for the UK. Uses additional data to provide a more precise indication of economic growth than the first estimate.

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

Bulletin | Released 11 October 2024

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

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

Bulletin | Released 18 September 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 26 September 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 11 October 2024, ONS website, statistical bulletin, [Index of Production, UK: August 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

continued

Chained volume indices of gross value added<sup>1</sup>

Seasonally adjusted 2022 = 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	136.4	689.0	83.8	90.7	123.5	61.7	196.6	244.3	178.1	247.0
	K222	K224	K22A	K248	K24C	K226	K24Q	K24R	K24S	K24O	K24T
<b>Percentage change, latest month on previous month</b>											
2022 Jun	-1.1 <sup>†</sup>	-2.8 <sup>†</sup>	-1.5 <sup>†</sup>	1.4 <sup>†</sup>	1.4 <sup>†</sup>	-1.8 <sup>†</sup>	1.8 <sup>†</sup>	-1.4 <sup>†</sup>	-0.1 <sup>†</sup>	-3.4 <sup>†</sup>	-0.6 <sup>†</sup>
Jul	-0.4	5.3	-0.9	0.6	-2.1	5.6	1.3	-0.7	-0.9	-0.6	1.8
Aug	-0.7	-10.2	0.3	-0.7	0.3	-11.7	3.1	-1.5	2.1	-0.2	-5.0
Sep	-	2.5	-0.4	2.5	-1.1	3.4	-5.1	3.0	-1.5	-1.8	1.7
Oct	-0.1	-3.1	0.3	0.4	-0.7	-2.6	-2.0	2.1	-0.2	-1.1	-1.2
Nov	0.6	3.6	0.1	-0.5	1.4	4.2	2.0	-1.4	1.9	-0.7	1.6
Dec	-0.4	-7.6	0.5	4.0	-0.5	-8.1	-0.2	1.0	1.5	-0.8	-2.7
2023 Jan	-0.6	-6.8	0.4	-	0.6	-8.0	-0.8	-0.1	-0.4	1.7	-3.7
Feb	0.4	6.3	-	-1.7	-1.5	6.7	2.2	-1.1	1.7	-0.9	2.2
Mar	0.5	-2.4	0.4	3.2	2.6	-2.1	1.0	1.3	0.8	-1.4	0.5
Apr	0.2	-0.1	0.8	-1.7	-2.0	-0.3	2.9	-1.4	2.5	0.8	-0.7
May	-1.1	0.5	-0.6	-6.5	-2.0	0.6	2.3	-0.2	-0.8	-0.6	-2.2
Jun	2.4	-1.7	3.2	3.2	1.3	-2.0	2.0	4.4	3.4	2.3	0.1
Jul	-0.8	0.2	-1.2	0.7	-0.9	0.5	-3.9	-1.3	-0.3	-1.8	0.2
Aug	-0.1	3.2	-0.7	0.7	-1.5	3.5	-2.6	-1.4	-0.6	-0.1	1.8
Sep	-0.4	-3.1	-0.5	2.3	1.2	-3.3	1.8	0.2	-0.3	-1.4	-0.6
Oct	-1.7	-2.2	-1.4	-4.9	0.2	-2.7	-1.2	-1.7	-0.7	-1.9	-3.1
Nov	0.4	1.0	0.6	-0.3	-1.2	1.4	-	2.3	-0.1	-	0.5
Dec	0.6	-1.2	1.0	1.3	-0.7	-1.0	-2.1	1.1	-0.2	2.1	0.3
2024 Jan	-0.9	-1.0	-0.8	-0.4	-1.9	-0.6	-	-3.8	1.9	-1.8	-0.4
Feb	0.6	-1.4	0.9	1.3	0.6	-1.8	-0.5	1.9	0.1	1.0	-0.3
Mar	0.3	0.8	0.3	0.3	-0.4	0.9	-1.3	3.6	-2.1	0.5	0.4
Apr	-0.8	0.9	-1.7	1.3	2.1	1.0	-0.3	-3.2	-0.4	-1.7	0.7
May	-0.2	-0.9	0.1	-2.3	0.1	-1.1	-0.7	1.2	-0.6	0.1	-1.5
Jun	0.7	-2.5	1.4	-	-	-3.1	1.1	0.3	1.4	2.4	-1.0
Jul	-0.7	3.8	-1.2	-1.9	-1.3	4.1	-1.5	-	-1.9	-1.0	0.7
Aug	0.5	-4.0	1.1	1.2	1.5	-4.2	1.5	0.8	1.3	1.2	-1.2
<b>Percentage change, latest 3 months on same 3 months a year ago<sup>2</sup></b>											
2022 Jun	-7.0 <sup>†</sup>	9.6 <sup>†</sup>	-8.4 <sup>†</sup>	-15.3 <sup>†</sup>	0.9 <sup>†</sup>	18.0 <sup>†</sup>	-6.8 <sup>†</sup>	-4.9 <sup>†</sup>	-8.5 <sup>†</sup>	-13.5 <sup>†</sup>	-2.3 <sup>†</sup>
Jul	-6.4	9.5	-8.1	-10.2	-0.7	17.5	-6.1	-6.2	-6.6	-12.9	-0.1
Aug	-6.3	1.1	-8.2	-2.8	-1.1	5.1	-4.6	-6.6	-6.7	-12.3	0.6
Sep	-6.1	-5.9	-8.0	4.4	-1.3	-5.3	-4.6	-7.0	-6.8	-11.1	1.4
Oct	-5.6	-11.5	-7.1	9.3	-1.7	-11.6	-3.7	-6.3	-4.7	-11.3	0.2
Nov	-4.9	-7.0	-6.7	11.5	-2.2	-5.0	-5.4	-5.4	-3.3	-12.3	2.5
Dec	-4.4	-6.5	-5.9	12.9	-3.0	-3.4	-5.4	-6.5	-0.8	-12.0	2.4
2023 Jan	-4.4	-8.8	-5.3	12.2	-2.6	-5.6	-6.7	-4.8	-0.8	-11.6	0.3
Feb	-3.8	-12.1	-3.9	12.0	-2.7	-10.0	-5.3	-3.2	1.2	-10.4	-2.3
Mar	-2.9	-13.9	-2.4	11.6	-2.0	-12.3	-3.3	0.5	2.5	-10.3	-3.9
Apr	-2.2	-13.5	-1.3	9.6	-2.4	-12.6	-1.1	-	5.3	-9.4	-4.7
May	-2.2	-14.6	-0.7	6.8	-2.7	-14.1	0.5	0.3	6.5	-9.1	-6.2
Jun	-1.4	-14.9	1.0	3.2	-3.7	-15.2	1.5	1.3	8.5	-6.8	-7.7
Jul	-0.7	-15.9	2.2	1.8	-3.3	-16.5	0.7	3.3	9.4	-5.6	-8.2
Aug	0.6	-13.1	3.4	2.8	-3.5	-13.5	-2.8	5.0	9.9	-4.1	-6.4
Sep	0.5	-12.2	3.0	3.3	-2.9	-12.3	-4.0	3.8	9.5	-4.3	-5.4
Oct	-	-9.4	2.1	1.8	-2.5	-9.4	-3.4	1.6	8.8	-4.3	-4.6
Nov	-0.7	-11.6	1.6	-	-2.3	-12.3	-1.4	0.6	8.4	-4.2	-6.3
Dec	-1.0	-10.1	1.3	-2.6	-2.9	-10.9	-2.4	0.5	6.9	-3.3	-6.4
2024 Jan	-0.8	-7.1	1.3	-3.5	-4.6	-7.3	-3.4	0.5	6.4	-3.3	-4.8
Feb	-0.5	-5.4	1.3	-3.5	-4.8	-5.0	-4.6	0.3	6.0	-2.9	-3.5
Mar	-0.6	-4.8	1.2	-3.6	-5.8	-4.2	-5.9	0.7	5.2	-2.8	-3.3
Apr	-0.9	-5.8	0.6	-2.5	-4.8	-5.5	-6.7	1.8	2.7	-2.4	-3.7
May	-1.0	-4.9	-	-1.1	-3.8	-4.6	-7.5	2.4	0.8	-2.3	-3.0
Jun	-1.6	-5.3	-1.1	0.4	-2.2	-5.1	-7.9	0.9	-0.7	-2.9	-2.7
Jul	-1.8	-4.8	-1.5	-	-2.0	-4.9	-8.3	0.5	-1.8	-2.3	-2.7
Aug	-2.1	-6.2	-1.4	-1.7	-1.7	-6.5	-6.6	0.4	-2.3	-1.6	-3.8

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.

<sup>†</sup> 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 added<sup>1</sup>

Seasonally adjusted 2022 = 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	136.4	689.0	83.8	90.7	123.5	61.7	196.6	244.3	178.1	247.0	
	K222	K224	K22A	K248	K24C	K226	K24Q	K24R	K24S	K24O	K24T	
<b>Percentage change, latest 3 months on previous 3 months<sup>2</sup></b>												
2022 Jun	-0.8 <sup>†</sup>	1.2 <sup>†</sup>	-1.7 <sup>†</sup>	4.3 <sup>†</sup>	- <sup>†</sup>	3.6 <sup>†</sup>	-4.1 <sup>†</sup>	-0.4 <sup>†</sup>	-1.5 <sup>†</sup>	-3.8 <sup>†</sup>	3.0 <sup>†</sup>	
Jul	-1.1	1.3	-1.8	3.0	-1.0	3.1	-1.1	-1.5	-0.6	-3.6	1.3	
Aug	-1.7	-2.0	-2.1	2.5	-0.9	-0.9	2.4	-2.2	0.1	-4.4	-0.7	
Sep	-1.7	-2.9	-1.9	1.6	-2.1	-2.8	2.6	-1.9	0.2	-3.6	-1.9	
Oct	-1.4	-7.3	-1.0	2.0	-1.6	-7.8	0.3	0.3	0.4	-3.3	-3.3	
Nov	-0.5	-3.8	-0.3	2.4	-1.6	-3.6	-3.5	2.7	0.1	-3.1	-1.4	
Dec	-0.1	-5.2	0.4	2.9	-0.6	-4.6	-3.2	3.1	1.3	-3.1	-1.6	
2023 Jan	0.1	-5.0	0.6	3.3	0.4	-4.7	-1.6	1.7	2.1	-2.0	-1.6	
Feb	-0.3	-8.8	0.9	3.2	0.1	-9.5	0.7	0.4	3.0	-0.8	-3.8	
Mar	-0.3	-7.6	0.9	2.3	0.6	-8.6	1.6	-0.2	2.6	-0.2	-3.4	
Apr	0.3	-3.0	0.9	1.1	-0.2	-3.6	1.3	-0.4	3.3	-0.7	-1.2	
May	0.3	-0.7	0.8	-1.3	-0.2	-0.6	1.0	-0.5	3.2	-1.1	-0.5	
Jun	0.7	-	1.7	-3.6	-1.7	0.1	0.6	0.4	4.2	-0.1	-1.0	
Jul	0.4	-1.5	1.7	-4.4	-1.9	-1.5	0.7	1.7	3.3	0.4	-2.3	
Aug	1.1	-0.3	2.0	-1.3	-1.8	-0.3	-0.9	2.3	3.3	0.9	-0.9	
Sep	0.1	0.2	0.1	1.7	-1.3	0.6	-3.0	0.5	1.2	-1.0	0.5	
Oct	-0.8	-0.1	-1.2	2.1	-0.8	-	-3.8	-1.3	-0.1	-2.1	0.5	
Nov	-1.8	-2.1	-2.1	-0.4	-0.4	-2.2	-2.1	-1.6	-1.3	-3.3	-1.3	
Dec	-1.5	-2.9	-1.2	-3.0	-0.6	-3.2	-1.6	-0.2	-1.2	-2.1	-2.5	
2024 Jan	-0.8	-2.6	-0.2	-2.1	-1.8	-2.4	-1.6	0.6	-0.2	-0.9	-1.8	
Feb	-0.1	-2.4	0.6	-0.4	-2.5	-2.0	-2.6	-	0.8	0.6	-0.9	
Mar	0.1	-2.2	0.7	1.3	-2.4	-1.7	-2.1	-	1.1	0.4	-0.2	
Apr	0.2	-1.7	0.3	2.1	-0.4	-1.6	-2.1	0.9	-0.3	0.2	-	
May	-0.2	-0.2	-0.5	1.1	0.8	-0.3	-2.1	1.7	-1.9	-0.6	-	
Jun	-0.3	-0.5	-0.7	0.3	2.1	-0.8	-1.4	0.5	-1.7	-0.2	-0.5	
Jul	-0.4	-0.5	-0.4	-2.0	0.9	-0.9	-1.1	0.4	-1.3	0.4	-1.4	
Aug	-	-1.7	0.5	-1.9	0.3	-2.2	0.1	0.3	-	1.7	-1.7	

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

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

<sup>†</sup> 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 added<sup>1</sup>

Seasonally adjusted 2022 = 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	112.0	20.6	43.4	10.7	41.2	56.4
	K22B	K22P	K22T	K22X	K22Z	K239
2019	101.0 <sup>†</sup>	108.4 <sup>†</sup>	121.1 <sup>†</sup>	94.3 <sup>†</sup>	120.9 <sup>†</sup>	82.5 <sup>†</sup>
2020	100.1	71.6	111.2	82.9	135.4	98.4
2021	105.2	98.7	117.1	88.4	125.9	102.9
2022	100.0	100.0	100.0	100.0	100.0	100.0
2023	97.2	90.1	91.6	97.1	87.1	113.8
2023 Q2	96.9 <sup>†</sup>	91.7 <sup>†</sup>	92.9 <sup>†</sup>	102.8 <sup>†</sup>	87.2 <sup>†</sup>	113.9 <sup>†</sup>
Q3	97.1	88.7	92.1	94.9	86.9	115.3
Q4	97.7	86.3	89.1	91.9	85.1	115.1
2024 Q1	98.7	83.7	89.9	97.6	84.8	112.9
Q2	98.9	80.1	90.4	94.1	87.2	114.3
2023 Jun	97.8 <sup>†</sup>	94.2 <sup>†</sup>	93.8 <sup>†</sup>	100.0 <sup>†</sup>	87.7 <sup>†</sup>	120.7 <sup>†</sup>
Jul	97.8	88.2	93.2	95.5	88.3	116.2
Aug	96.2	88.5	92.9	96.1	85.9	115.9
Sep	97.4	89.3	90.2	93.3	86.5	113.8
Oct	97.2	86.2	89.4	90.2	84.5	109.9
Nov	97.8	86.6	89.0	92.5	85.3	115.9
Dec	98.1	86.2	88.8	93.1	85.5	119.6
2024 Jan	97.5	83.8	89.3	94.5	84.0	107.6
Feb	98.8	85.3	90.6	99.4	85.4	110.2
Mar	99.9	82.0	89.9	98.9	84.9	121.0
Apr	97.7	81.5	89.4	93.6	86.7	113.6
May	99.5	79.2	90.6	92.4	86.9	113.8
Jun	99.4	79.7	91.2	96.2	88.0	115.5
Jul	99.3	79.6	92.8	90.0	87.9	115.5
Aug	99.6	79.2	92.4	90.1	87.4	117.4
<b>Percentage change, latest year on previous year</b>						
2019	0.1	12.3 <sup>†</sup>	1.8 <sup>†</sup>	-18.6 <sup>†</sup>	14.4 <sup>†</sup>	5.7
2020	-1.0 <sup>†</sup>	-33.9	-8.2	-12.1	12.0	19.3 <sup>†</sup>
2021	5.1	37.8	5.3	6.6	-7.1	4.6
2022	-4.9	1.3	-14.6	13.1	-20.5	-2.8
2023	-2.8	-9.9	-8.4	-2.9	-12.9	13.8
<b>Percentage change, latest month on same month a year ago</b>						
2022 Jun	-6.8 <sup>†</sup>	-5.0 <sup>†</sup>	-16.1 <sup>†</sup>	2.4 <sup>†</sup>	-24.3 <sup>†</sup>	5.1 <sup>†</sup>
Jul	-6.7	-0.5	-15.8	-1.2	-23.2	-5.9
Aug	-6.8	-2.8	-16.2	-2.0	-19.8	-11.1
Sep	-8.7	-4.2	-18.3	3.8	-21.1	5.8
Oct	-8.1	-8.7	-19.6	4.1	-22.8	6.7
Nov	-7.4	-8.1	-18.0	-4.1	-23.5	0.3
Dec	-6.7	-2.8	-17.0	-3.8	-24.3	-7.9
2023 Jan	-5.9	-6.8	-15.3	-2.9	-22.4	18.9
Feb	-4.9	-5.1	-15.3	-5.5	-20.5	10.9
Mar	-5.3	-10.2	-13.6	-5.5	-17.8	25.4
Apr	-5.7	-12.3	-9.9	-6.5	-17.4	14.1
May	-4.8	-10.3	-11.0	-5.3	-17.6	13.6
Jun	-2.2	-2.9	-4.7	-2.3	-10.8	24.7
Jul	-2.2	-12.3	-6.3	3.3	-7.8	24.3
Aug	-2.9	-11.6	-2.9	2.5	-11.9	26.1
Sep	0.8	-10.9	-4.8	-0.7	-7.0	6.1
Oct	-0.4	-10.5	-6.0	-5.9	-8.1	-2.5
Nov	-0.3	-12.8	-4.6	-3.5	-4.4	7.5
Dec	1.3	-13.0	-3.2	-0.4	-2.6	4.5
2024 Jan	0.1	-12.4	-3.7	-2.5	-7.4	-2.3
Feb	1.3	-9.1	-1.6	1.7	-3.2	1.3
Mar	3.3	-10.4	-2.8	-2.9	-4.0	6.3
Apr	1.6	-9.8	-4.3	-9.6	-0.8	2.4
May	2.9	-12.6	-0.9	-11.9	0.5	3.4
Jun	1.7	-15.4	-2.7	-3.8	0.3	-4.3
Jul	1.6	-9.8	-0.4	-5.7	-0.5	-0.7
Aug	3.6	-10.5	-0.5	-6.2	1.7	1.3

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

<sup>†</sup> 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 added<sup>1</sup>

continued

Seasonally adjusted 2022 = 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	51.1	76.2	47.3	19.1	54.9	94.5	62.5
	K23B	K23G	K23N	K23P	K23R	K23T	K23Z
2019	110.6 <sup>†</sup>	103.6 <sup>†</sup>	94.9 <sup>†</sup>	123.2 <sup>†</sup>	97.2 <sup>†</sup>	99.5 <sup>†</sup>	100.9 <sup>†</sup>
2020	111.2	113.1	98.9	165.8	101.2	98.9	97.9
2021	111.2	106.0	107.1	137.4	111.9	105.9	101.8
2022	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2023	90.1	103.2	100.9	95.7	99.2	114.5	102.2
2023 Q2	93.3 <sup>†</sup>	102.1 <sup>†</sup>	103.0 <sup>†</sup>	96.2 <sup>†</sup>	100.7 <sup>†</sup>	114.1 <sup>†</sup>	104.0 <sup>†</sup>
Q3	87.5	104.9	100.7	99.4	100.5	118.1	102.6
Q4	83.2	105.3	98.8	94.8	93.6	120.4	100.9
2024 Q1	84.8	108.0	96.3	92.4	91.7	124.7	101.5
Q2	84.3	108.1	95.2	88.5	92.7	120.9	99.4
2023 Jun	94.8 <sup>†</sup>	103.3 <sup>†</sup>	106.2 <sup>†</sup>	99.0 <sup>†</sup>	99.2 <sup>†</sup>	117.9 <sup>†</sup>	105.5 <sup>†</sup>
Jul	88.6	104.3	102.3	100.8	102.4	116.4	104.8
Aug	88.1	105.3	98.9	99.0	100.5	119.5	101.6
Sep	85.7	105.1	101.0	98.6	98.6	118.3	101.4
Oct	83.5	103.5	98.9	95.3	95.7	118.7	101.5
Nov	82.3	104.7	100.2	95.0	93.0	119.9	99.8
Dec	83.9	107.5	97.3	94.3	92.1	122.4	101.3
2024 Jan	84.0	106.9	97.2	91.1	93.2	124.5	102.6
Feb	85.0	108.5	96.4	90.9	90.3	127.6	100.8
Mar	85.3	108.6	95.3	95.3	91.7	122.0	101.0
Apr	83.3	106.6	95.5	89.2	91.9	121.2	99.3
May	84.1	107.1	94.4	86.3	91.2	120.0	99.9
Jun	85.4	110.7	95.8	90.1	94.8	121.4	99.1
Jul	83.9	109.2	94.7	84.9	90.8	118.6	99.5
Aug	85.4	111.6	97.0	90.0	91.0	121.1	98.8
<b>Percentage change, latest year on previous year</b>							
2019	1.3	-3.6	0.6	15.9 <sup>†</sup>	-8.7 <sup>†</sup>	-2.8	-1.2
2020	0.6 <sup>†</sup>	9.1 <sup>†</sup>	4.1 <sup>†</sup>	34.6	4.1	-0.6 <sup>†</sup>	-3.0 <sup>†</sup>
2021	-0.1	-6.3	8.3	-17.1	10.6	7.1	3.9
2022	-10.1	-5.7	-6.6	-27.2	-10.6	-5.6	-1.7
2023	-9.9	3.2	0.9	-4.3	-0.8	14.5	2.2
<b>Percentage change, latest month on same month a year ago</b>							
2022 Jun	-9.6 <sup>†</sup>	-9.1 <sup>†</sup>	-8.5 <sup>†</sup>	-28.9 <sup>†</sup>	-13.3 <sup>†</sup>	-1.0 <sup>†</sup>	-4.1 <sup>†</sup>
Jul	-7.9	-2.8	-6.7	-27.6	-11.0	-4.0	-4.4
Aug	-7.1	-2.5	-2.9	-21.5	-11.8	-8.5	0.5
Sep	-10.1	-3.3	-6.8	-20.1	-14.5	-5.2	-2.0
Oct	-9.4	-3.1	-2.8	-16.5	-	2.9	-1.7
Nov	-11.8	-4.2	-7.4	-14.6	-6.0	0.2	0.9
Dec	-5.1	-5.4	-6.8	-14.4	4.1	0.9	3.7
2023 Jan	-4.8	-3.5	-7.2	-11.5	-2.8	3.2	2.5
Feb	-3.3	-3.3	0.2	-14.9	3.0	5.9	0.5
Mar	-7.5	-3.0	2.8	-14.2	3.1	6.7	1.1
Apr	-8.9	-1.2	1.8	-5.9	4.8	12.4	7.0
May	-12.0	0.3	7.1	-5.3	-2.4	10.8	4.1
Jun	-6.2	3.4	7.7	0.3	-2.3	19.3	5.4
Jul	-11.4	5.5	2.5	4.0	2.8	19.3	5.0
Aug	-11.3	6.7	-5.0	0.5	1.2	20.2	0.2
Sep	-12.1	7.4	2.0	1.2	-0.4	20.7	1.3
Oct	-14.7	7.4	1.9	-1.6	-	18.1	1.4
Nov	-14.2	7.9	0.7	-1.1	-5.8	17.7	-1.4
Dec	-13.4	12.1	-2.8	-0.9	-9.8	19.5	-1.0
2024 Jan	-14.6	6.5	-1.6	-5.8	-7.7	20.6	1.2
Feb	-12.6	8.3	-4.9	1.8	-12.6	21.0	-0.3
Mar	-8.8	7.8	-7.3	5.3	-10.2	13.7	-0.2
Apr	-10.4	5.1	-3.9	-6.9	-11.0	7.2	-4.7
May	-8.7	5.3	-8.7	-8.1	-8.4	7.9	-2.4
Jun	-9.9	7.2	-9.8	-8.9	-4.5	3.0	-6.0
Jul	-5.3	4.6	-7.4	-15.7	-11.4	1.8	-5.0
Aug	-3.2	6.0	-1.9	-9.1	-9.5	1.3	-2.7

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

<sup>†</sup> 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 added<sup>1</sup>

Seasonally adjusted 2022 = 100

	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
Section	CA	CB	CC	CD	CE	CF
Latest weight	112.0	20.6	43.4	10.7	41.2	56.4
	K22B	K22P	K22T	K22X	K22Z	K239

## Percentage change, latest month on previous month

2022 Jun	-1.6 †	-4.1 †	-4.2 †	-7.5	-6.4 †	-0.1 †
Jul	-0.1	3.8	1.0	-9.7 †	-2.5	-3.4
Aug	-0.9	-0.5	-3.8	1.5	1.7	-1.7
Sep	-2.5	0.1	-0.8	0.2	-4.5	16.7
Oct	1.0	-4.0	0.3	2.0	-1.2	5.2
Nov	0.6	3.2	-1.9	-	-3.0	-4.4
Dec	-1.3	-0.2	-1.7	-2.5	-1.6	6.0
2023 Jan	0.6	-3.5	1.1	3.7	3.4	-3.7
Feb	0.1	-2.0	-0.8	0.8	-2.8	-1.3
Mar	-0.8	-2.4	0.4	4.3	0.2	4.6
Apr	-0.6	-1.3	1.1	1.7	-1.1	-2.6
May	0.6	0.3	-2.1	1.1	-1.1	-0.7
Jun	1.1	3.9	2.5	-4.6	1.4	9.7
Jul	-	-6.3	-0.6	-4.5	0.7	-3.7
Aug	-1.7	0.3	-0.3	0.6	-2.7	-0.3
Sep	1.2	0.8	-2.8	-2.9	0.7	-1.8
Oct	-0.1	-3.5	-0.9	-3.3	-2.4	-3.4
Nov	0.6	0.5	-0.5	2.6	1.0	5.5
Dec	0.3	-0.4	-0.2	0.6	0.2	3.1
2024 Jan	-0.6	-2.8	0.6	1.5	-1.7	-10.0
Feb	1.3	1.8	1.4	5.2	1.7	2.4
Mar	1.1	-3.8	-0.8	-0.4	-0.7	9.8
Apr	-2.2	-0.6	-0.5	-5.4	2.2	-6.1
May	1.8	-2.8	1.3	-1.4	0.2	0.2
Jun	-	0.5	0.6	4.2	1.3	1.5
Jul	-0.1	-0.1	1.8	-6.4	-0.2	-
Aug	0.3	-0.5	-0.4	0.1	-0.5	1.6

## Percentage change, latest 3 months on same 3 months a year ago

2022 Jun	-5.9 †	-0.2 †	-15.8 †	20.2 †	-21.5 †	-0.8 †
Jul	-6.4	-2.2	-15.7	8.3	-22.2	-4.3
Aug	-6.8	-2.8	-16.0	-0.2	-22.5	-4.3
Sep	-7.4	-2.5	-16.8	0.1	-21.4	-3.8
Oct	-7.9	-5.2	-18.0	1.9	-21.2	0.5
Nov	-8.1	-7.0	-18.6	1.1	-22.5	4.2
Dec	-7.4	-6.6	-18.2	-1.4	-23.5	-0.7
2023 Jan	-6.7	-6.0	-16.8	-3.6	-23.4	2.5
Feb	-5.9	-4.9	-15.9	-4.1	-22.4	5.8
Mar	-5.4	-7.4	-14.7	-4.7	-20.3	18.2
Apr	-5.3	-9.2	-13.0	-5.9	-18.6	16.6
May	-5.3	-10.9	-11.5	-5.8	-17.6	17.5
Jun	-4.3	-8.6	-8.6	-4.7	-15.4	17.5
Jul	-3.1	-8.6	-7.4	-1.7	-12.2	20.8
Aug	-2.4	-9.0	-4.7	1.1	-10.2	25.0
Sep	-1.5	-11.6	-4.7	1.7	-9.0	18.2
Oct	-0.8	-11.0	-4.5	-1.4	-9.1	8.9
Nov	-	-11.4	-5.1	-3.4	-6.5	3.6
Dec	0.2	-12.1	-4.6	-3.3	-5.1	3.1
2024 Jan	0.4	-12.7	-3.9	-2.1	-4.8	3.2
Feb	0.9	-11.5	-2.8	-0.4	-4.4	1.2
Mar	1.6	-10.6	-2.7	-1.3	-4.9	1.8
Apr	2.1	-9.7	-2.9	-3.7	-2.6	3.4
May	2.6	-10.9	-2.7	-8.2	-1.4	4.1
Jun	2.0	-12.6	-2.7	-8.5	-	0.4
Jul	2.0	-12.7	-1.4	-7.2	0.1	-0.6
Aug	2.3	-12.0	-1.2	-5.2	0.5	-1.3

<sup>1</sup> 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 added<sup>1</sup>

Seasonally adjusted 2022 = 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	51.1	76.2	47.3	19.1	54.9	94.5	62.5
	K23B	K23G	K23N	K23P	K23R	K23T	K23Z

## Percentage change, latest month on previous month

2022	Jun	-3.5 <sup>†</sup>	-1.5 <sup>†</sup>	2.1 <sup>†</sup>	-0.5 <sup>†</sup>	-0.5 <sup>†</sup>	-1.6	1.8 <sup>†</sup>
	Jul	-1.1	-1.0	1.2	-1.7	-2.0	-1.2 <sup>†</sup>	-0.3
	Aug	-0.6	-0.1	4.3	1.6	-0.3	1.9	1.6
	Sep	-1.9	-0.9	-4.8	-1.1	-0.2	-1.4	-1.2
	Oct	0.4	-1.5	-2.0	-0.6	-3.5	2.5	-
	Nov	-2.0	0.7	2.6	-0.8	3.2	1.4	1.1
	Dec	1.0	-1.2	0.6	-0.8	3.5	0.6	1.1
2023	Jan	1.5	4.6	-1.3	1.6	-1.1	0.8	-1.0
	Feb	-1.1	-0.2	2.5	-7.7	2.2	2.2	-0.2
	Mar	-3.9	0.6	1.5	1.3	-1.1	1.7	-0.1
	Apr	-0.5	0.7	-3.5	5.9	1.1	5.5	3.0
	May	-0.9	0.3	4.1	-1.9	-3.5	-1.6	-1.8
	Jun	2.9	1.5	2.7	5.4	-0.4	5.9	3.1
	Jul	-6.6	1.0	-3.7	1.8	3.2	-1.2	-0.7
	Aug	-0.5	0.9	-3.3	-1.8	-1.9	2.6	-3.1
	Sep	-2.8	-0.2	2.1	-0.5	-1.8	-1.0	-0.1
	Oct	-2.6	-1.5	-2.1	-3.3	-3.0	0.3	0.1
	Nov	-1.4	1.2	1.3	-0.3	-2.8	1.0	-1.6
	Dec	2.0	2.7	-2.9	-0.7	-1.0	2.1	1.5
2024	Jan	0.2	-0.6	-0.1	-3.4	1.3	1.7	1.2
	Feb	1.1	1.5	-0.9	-0.2	-3.2	2.5	-1.7
	Mar	0.3	-	-1.1	4.8	1.6	-4.4	0.1
	Apr	-2.3	-1.8	0.1	-6.4	0.2	-0.6	-1.6
	May	0.9	0.5	-1.1	-3.2	-0.7	-1.0	0.6
	Jun	1.5	3.3	1.5	4.4	3.9	1.1	-0.7
	Jul	-1.7	-1.4	-1.1	-5.8	-4.3	-2.3	0.4
	Aug	1.7	2.3	2.3	5.9	0.2	2.1	-0.7

## Percentage change, latest 3 months on same 3 months a year ago

2022	Jun	-9.7 <sup>†</sup>	-7.1 <sup>†</sup>	-10.5 <sup>†</sup>	-32.2 <sup>†</sup>	-14.5	-3.5 <sup>†</sup>	-4.0 <sup>†</sup>
	Jul	-8.2	-6.3	-8.6	-30.0	-12.4 <sup>†</sup>	-1.1	-4.0
	Aug	-8.2	-4.9	-6.1	-26.1	-12.0	-4.6	-2.7
	Sep	-8.4	-2.9	-5.5	-23.2	-12.5	-5.9	-2.0
	Oct	-8.9	-3.0	-4.2	-19.4	-9.3	-3.8	-1.1
	Nov	-10.4	-3.5	-5.7	-17.1	-7.3	-0.8	-1.0
	Dec	-8.9	-4.2	-5.7	-15.2	-0.8	1.3	0.9
2023	Jan	-7.3	-4.3	-7.1	-13.5	-1.7	1.4	2.4
	Feb	-4.4	-4.0	-4.7	-13.6	1.4	3.3	2.2
	Mar	-5.2	-3.2	-1.5	-13.5	1.0	5.2	1.4
	Apr	-6.6	-2.5	1.6	-11.7	3.6	8.3	2.8
	May	-9.5	-1.3	3.9	-8.6	1.8	10.0	4.0
	Jun	-9.0	0.8	5.5	-3.6	-0.1	14.1	5.5
	Jul	-9.9	3.1	5.7	-0.4	-0.7	16.4	4.9
	Aug	-9.6	5.2	1.6	1.6	0.5	19.6	3.5
	Sep	-11.6	6.5	-0.2	1.9	1.2	20.0	2.2
	Oct	-12.7	7.1	-0.4	0.1	0.3	19.7	1.0
	Nov	-13.6	7.6	1.5	-0.5	-2.1	18.8	0.5
	Dec	-14.1	9.1	-0.1	-1.2	-5.3	18.4	-0.3
2024	Jan	-14.1	8.8	-1.3	-2.6	-7.8	19.3	-0.4
	Feb	-13.5	9.0	-3.1	-1.7	-10.0	20.3	-
	Mar	-12.0	7.6	-4.6	0.3	-10.2	18.4	0.3
	Apr	-10.6	7.1	-5.4	-0.1	-11.3	13.8	-1.7
	May	-9.3	6.1	-6.7	-3.3	-9.9	9.5	-2.4
	Jun	-9.7	5.9	-7.5	-8.0	-8.0	5.9	-4.4
	Jul	-8.0	5.7	-8.7	-11.0	-8.1	4.2	-4.5
	Aug	-6.2	5.9	-6.5	-11.3	-8.5	2.0	-4.6

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

<sup>†</sup> 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 added<sup>1</sup>

Seasonally adjusted 2022 = 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	112.0	20.6	43.4	10.7	41.2	56.4
	K22B	K22P	K22T	K22X	K22Z	K239

## Percentage change, latest 3 months on previous 3 months

2022	Jun	-1.5 †	-0.7 †	-6.2 †	4.1 †	-7.8 †	3.3 †
	Jul	-1.7	-1.6	-5.9	-5.2	-7.8	0.4
	Aug	-2.2	-2.7	-6.4	-12.4	-8.4	-0.9
	Sep	-2.6	-	-4.9	-13.5	-7.3	0.6
	Oct	-2.8	-0.7	-5.0	-7.2	-5.5	8.6
	Nov	-2.2	-0.6	-3.5	-1.0	-5.9	16.2
	Dec	-1.0	-2.1	-3.3	1.8	-6.1	14.5
2023	Jan	-0.3	-0.8	-2.7	0.9	-5.3	6.6
	Feb	-0.2	-2.5	-2.3	0.9	-2.8	1.7
	Mar	-0.3	-4.7	-1.1	4.0	-0.6	-0.7
	Apr	-0.7	-6.3	-	6.0	-1.4	0.3
	May	-0.8	-5.5	0.3	7.7	-1.7	0.4
	Jun	-0.3	-2.0	0.5	4.0	-2.2	2.6
	Jul	0.7	-0.9	0.2	-1.0	-0.6	4.0
	Aug	0.8	-0.6	0.9	-6.1	-0.1	5.4
	Sep	0.2	-3.4	-0.9	-7.7	-0.3	1.3
	Oct	-0.5	-3.3	-2.1	-6.9	-2.1	-2.1
	Nov	0.2	-3.3	-4.0	-5.4	-2.1	-3.7
	Dec	0.6	-2.6	-3.3	-3.2	-2.1	-0.1
2024	Jan	0.9	-2.8	-2.0	0.2	-0.8	1.0
	Feb	0.7	-2.6	-	4.0	-0.6	-0.7
	Mar	1.0	-3.0	0.9	6.2	-0.4	-1.9
	Apr	1.0	-3.0	1.0	4.3	0.9	0.5
	May	0.9	-4.9	0.4	-0.7	1.4	3.2
	Jun	0.1	-4.2	0.5	-3.6	2.9	1.2
	Jul	0.6	-4.2	1.7	-4.6	2.2	-
	Aug	0.5	-1.8	2.4	-3.0	1.8	-

<sup>1</sup> 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 added<sup>1</sup>

Seasonally adjusted 2022 = 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	51.1	76.2	47.3	19.1	54.9	94.5	62.5
	K23B	K23G	K23N	K23P	K23R	K23T	K23Z

## Percentage change, latest 3 months on previous 3 months

2022	Jun	0.9 <sup>†</sup>	-2.4	-4.8 <sup>†</sup>	-6.3 <sup>†</sup>	-0.3 <sup>†</sup>	-0.1 <sup>†</sup>	-1.3
	Jul	0.7	-3.2 <sup>†</sup>	-1.3	-5.6	1.8	-1.3	-
	Aug	-2.4	-3.4	2.8	-4.0	0.2	-1.9	1.8
	Sep	-3.6	-2.8	3.5	-2.2	-1.4	-1.6	1.8 <sup>†</sup>
	Oct	-3.6	-2.4	1.7	-0.7	-3.1	0.4	1.1
	Nov	-3.0	-2.1	-2.3	-1.3	-2.4	1.5	0.1
	Dec	-2.1	-2.1	-2.0	-1.6	-0.5	3.3	0.8
2023	Jan	-1.2	0.1	-0.5	-1.6	2.7	3.2	1.1
	Feb	0.4	1.8	1.6	-3.1	4.4	3.6	1.2
	Mar	-0.5	4.1	2.1	-4.0	3.4	3.7	-
	Apr	-2.6	3.1	1.7	-4.3	2.3	5.9	0.5
	May	-4.8	2.5	1.8	-0.4	-0.4	6.6	0.9
	Jun	-3.2	1.7	2.0	4.4	-1.4	8.3	2.8
	Jul	-2.9	2.3	2.8	6.6	-2.4	6.1	2.0
	Aug	-2.5	3.0	0.6	6.7	-1.0	6.7	1.4
	Sep	-6.3	2.7	-2.2	3.3	-0.2	3.5	-1.4
	Oct	-6.6	1.5	-4.2	-0.3	-2.2	3.2	-2.6
	Nov	-7.4	0.1	-2.4	-3.3	-4.9	0.9	-2.9
	Dec	-4.9	0.3	-1.9	-4.6	-6.9	1.9	-1.7
2024	Jan	-2.7	1.7	-1.4	-4.3	-5.6	2.9	-0.2
	Feb	0.6	3.1	-3.1	-4.3	-4.1	4.9	0.7
	Mar	1.8	2.6	-2.5	-2.6	-2.0	3.6	0.6
	Apr	1.3	1.4	-2.6	-1.8	-1.6	1.1	-0.9
	May	-0.1	-0.2	-2.0	-2.0	-0.3	-3.0	-1.5
	Jun	-0.6	0.1	-1.1	-4.2	1.0	-3.1	-2.0
	Jul	-0.1	1.0	-0.8	-5.1	1.1	-2.9	-0.9
	Aug	0.8	2.9	0.8	-2.1	0.6	-0.6	-0.9

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

<sup>†</sup> indicates that data are new or have been revised. The period marker is the earliest in the table to have been revised.



**Next publication:** 15th November 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](mailto:press.office@ons.gov.uk)

**Statistical contact:**  
Email: [indexofproduction@ons.gov.uk](mailto:indexofproduction@ons.gov.uk)

**Contact us:**  
Tel: +44 (0) 845 601 3034  
Email: [info@ons.gov.uk](mailto:info@ons.gov.uk)  
Website: [www.statistics.gov.uk](http://www.statistics.gov.uk)  
Twitter: [www.twitter.com/statisticsONS](https://www.twitter.com/statisticsONS)