

Statistical bulletin

# Index of Production, UK: December 2024

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

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# 1 . Main points

- Production output for Quarter 4 (October to December) 2024 was estimated to have decreased by 0.8% compared with Quarter 3 (July to September) 2024; this is the fifth consecutive quarterly decline in production output.
- In Quarter 4 2024, “manufacturing” (down 0.7%) was the main contributor to the fall, supported by smaller negative contributions from “mining and quarrying” (down 2.5%), and “electricity and gas” (down 0.7%); this was partially offset by an increase in “water supply and sewerage” (1.2%).
- Monthly production output was estimated to have increased by 0.5% in December 2024; this follows falls in both October and November 2024 (down 0.6% and down 0.5%, respectively).
- The rise in monthly output in December 2024 resulted from increases in “manufacturing” (0.7%) and “mining and quarrying” (1.5%); these reductions were partially offset by decreases in “electricity and gas” (down 0.6%) and “water supply and sewerage” (down 0.4%).
- The monthly increase in manufacturing output in December 2024 saw increases in 7 of its 13 subsectors; the largest positive contributions to manufacturing output in December 2024 came from, “basic pharmaceutical products” (5.1%), “machinery and equipment” (5.9%) and “other manufacturing and repair” (2.3%).
- Annual production output fell by 1.7% in 2024, with weakness across all four sectors; “mining and quarrying” and “manufacturing” provided the largest negative contributions, falling by 7.2% and 0.7%, respectively.

## 2 . Data on the Index of Production

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

Dataset DIOP | Released 13 February 2025

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 13 February 2025

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 13 February 2025

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 13 February 2025

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 13 February 2025

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 December 2024

For December 2024, MBS response rates were 73.9%, 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 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 in 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](#).

#### 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 Revision Policy](#), this release gives data for December 2024 for the first time, with periods from January 2024 to November 2024 also open for revision.

Table 1: Revisions to month-on-month growth for IoP and its sectors, December 2024 release against November 2024 release

Percentage growth, January 2024 to November 2024, UK

Period	IoP	Section B - Mining and Quarrying	Section C - Manufacturing	Section D - Electricity and Gas	Section E - Water Supply and Sewerage
<b>Jan 2024</b>	-0.3	-1.5	-0.1	0.0	0.1
<b>Feb 2024</b>	0.2	1.6	0.0	0.0	0.2
<b>Mar 2024</b>	0.0	-0.1	-0.1	0.0	0.0
<b>Apr 2024</b>	0.0	0.0	0.0	0.0	0.1
<b>May 2024</b>	0.1	0.0	0.1	0.1	0.0
<b>Jun 2024</b>	-0.3	-2.0	0.1	-1.0	-0.2
<b>Jul 2024</b>	0.2	2.0	0.1	0.0	0.1
<b>Aug 2024</b>	0.0	0.5	0.0	0.0	0.0
<b>Sep 2024</b>	-0.1	-0.5	0.0	0.1	0.2
<b>Oct 2024</b>	0.0	0.0	0.1	-0.6	0.0
<b>Nov 2024</b>	-0.1	-0.3	0.0	-2.2	1.7

Source: Index of Production 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 triangle dataset.

## 4 . Related links

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

Bulletin | Released 13 February 2025

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 first quarterly estimate, UK: October to December 2024](#)

Bulletin | Released 13 February 2025

First quarterly estimate of gross domestic product (GDP). Contains current and constant price data on the value of goods and services to indicate the economic performance of the UK.

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

Bulletin | Released 13 February 2025

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

### [Producer price inflation, UK: December 2024 including services, October to December 2024](#)

Bulletin | Released 15 January 2025

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). Also including quarterly estimates monitoring the changes in prices charged for services provided to UK-based customers for a range of industries.

### [UK manufacturers' sales by product: 2023 results](#)

Bulletin | Released 19 September 2024

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

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

Web page | Last updated 30 January 2025

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 13 February 2025, ONS website, statistical bulletin, [Index of Production, UK: December 2024](#).



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# IOP5 Output of the Production Industries

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	136.7	688.9	83.6	90.8	123.2	61.9	189.2	246.5	235.2	246.3
	K222	K224	K22A	K248	K24C	K226	K24Q	K24R	K24S	K24O	K24T
2020	107.5	125.1	104.0	144.8	95.1	131.6	96.7	98.7	100.1	116.6	126.9
2021	106.8	103.5	108.0	108.6	100.4	101.4	104.9	105.1	107.1	113.7	103.2
2022	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2023	99.1	87.3	101.0	104.8	97.0	87.5	97.7	102.8	106.8	93.6	94.6
2024	97.4	81.0	100.3	102.8	94.7	81.3	94.0	102.5	107.5	91.3	90.7
2023 Q4	98.2	85.8	100.6	102.1	95.6	86.1	94.9	103.1	107.4	91.6	93.0
2024 Q1	98.1 <sup>T</sup>	82.5 <sup>T</sup>	101.1 <sup>T</sup>	103.6 <sup>T</sup>	93.5 <sup>T</sup>	82.8 <sup>T</sup>	93.3 <sup>T</sup>	102.8 <sup>T</sup>	108.7 <sup>T</sup>	91.7 <sup>T</sup>	92.0 <sup>T</sup>
Q2	97.6	81.1	100.3	104.6	95.6	81.2	93.0	102.8	107.6	90.8	91.3
Q3	97.3	81.3	100.3	101.9	94.3	81.7	93.4	103.1	107.2	91.4	90.6
Q4	96.6	79.3	99.6	101.1	95.5	79.3	96.3	101.3	106.7	91.4	88.9
2023 Oct	97.9	85.8	100.0	101.8	96.7	85.8	95.4	101.3	107.7	91.1	92.7
Nov	98.2	86.5	100.4	101.6	95.4	86.8	95.7	103.5	107.5	90.9	93.1
Dec	98.7	85.2	101.3	103.0	94.7	85.6	93.6	104.6	107.1	92.8	93.1
2024 Jan	97.4 <sup>T</sup>	82.2 <sup>T</sup>	100.3 <sup>T</sup>	102.6	93.1 <sup>T</sup>	82.7 <sup>T</sup>	93.7	100.5	109.1 <sup>T</sup>	90.9 <sup>T</sup>	91.5 <sup>T</sup>
Feb	98.3	82.2	101.4	103.9	93.9	82.6	93.5 <sup>T</sup>	102.3 <sup>T</sup>	109.4	92.0	92.0
Mar	98.5	82.9	101.6	104.4 <sup>T</sup>	93.5	83.2	92.7	105.6	107.4	92.2	92.5
Apr	97.7	83.7	99.7	106.0	95.8	84.1	92.8	102.1	107.3	90.2	93.2
May	97.5	82.5	99.9	104.5	95.6	82.8	92.5	103.2	106.9	90.0	91.9
Jun	97.6	77.2	101.3	103.3	95.3	76.8	93.6	103.2	108.6	92.2	88.9
Jul	97.1	82.4	99.8	101.4	93.9	82.7	92.4	102.9	106.2	91.0	90.8
Aug	97.6	79.3	101.1	102.4	94.9	79.5	94.0	103.6	108.1	92.0	89.9
Sep	97.3	82.2	100.1	101.8	94.3	82.9	94.0	102.7	107.2	91.1	91.0
Oct	96.7	79.9	99.6	102.7	94.7	80.0	95.7	101.4	107.0	91.3	89.6
Nov	96.2	78.4	99.3	100.6	96.0	78.3	97.8	100.3	106.5	91.5	88.4
Dec	96.8	79.6	99.9	100.0	95.6	79.6	95.3	102.2	106.7	91.5	88.7
Percentage change, latest year on previous year											
2020	2.8	0.8	2.2	9.2	1.4	0.6	0.9	2.9	1.2	4.3	4.2
2021	-0.7	-17.3	3.8	-25.0	5.6	-22.9	8.5	6.5	7.0	-2.5	-18.7
2022	-6.4	-3.3	-7.4	-7.9	-0.4	-1.4	-4.7	-4.9	-6.6	-12.1	-3.1
2023	-0.9	-12.7	1.0	4.8	-3.0	-12.5	-2.3	2.8	6.8	-6.4	-5.4
2024	-1.7	-7.2	-0.7	-1.9	-2.4	-7.1	-3.8	-0.3	0.7	-2.4	-4.1
Percentage change, latest month on same month a year ago											
2022 Oct	-4.2	-10.0	-5.3	14.5	-3.6	-8.0	-3.1	-4.8	-	-12.2	1.4
Nov	-4.7	-1.8	-6.8	9.8	-2.5	2.3	-6.5	-6.2	-2.7	-12.8	3.8
Dec	-4.4	-7.6	-5.7	14.5	-2.9	-4.2	-6.3	-8.5	0.5	-10.8	1.9
2023 Jan	-3.8	-16.7	-3.2	13.2	-2.4	-14.7	-7.2	1.0	0.1	-11.0	-4.5
Feb	-2.7	-11.6	-2.2	10.0	-2.9	-10.4	-2.4	-0.6	3.4	-9.4	-3.4
Mar	-1.5	-13.0	-1.1	14.7	-0.7	-11.5	-0.2	3.4	4.3	-10.4	-2.7
Apr	-1.7	-15.5	0.1	7.6	-3.9	-15.4	-0.6	0.3	8.3	-8.3	-7.0
May	-2.5	-14.8	-0.5	2.3	-3.8	-14.7	2.3	0.9	6.6	-8.8	-7.5
Jun	1.0	-14.1	4.3	4.0	-4.0	-15.2	2.9	6.9	10.4	-3.5	-7.0
Jul	0.6	-18.1	4.0	4.1	-2.7	-19.0	-2.3	6.3	11.0	-4.6	-8.3
Aug	1.1	-6.2	2.9	5.1	-4.3	-5.3	-8.7	6.5	7.8	-4.6	-2.1
Sep	0.6	-11.6	2.9	3.8	-2.0	-11.7	-1.7	3.4	9.2	-4.1	-4.7
Oct	-0.7	-9.8	1.3	-1.2	-1.1	-10.6	-1.2	-0.5	8.9	-4.7	-5.8
Nov	-1.0	-12.2	1.7	-0.9	-3.7	-13.2	-2.8	3.1	6.6	-4.2	-7.0
Dec	-0.1	-6.4	2.1	-3.3	-4.0	-6.8	-4.7	3.2	4.7	-1.4	-4.3
2024 Jan	-1.0 <sup>T</sup>	-3.3 <sup>T</sup>	0.5 <sup>T</sup>	-4.4 <sup>T</sup>	-6.2 <sup>T</sup>	-2.2 <sup>T</sup>	-3.9	-1.2 <sup>T</sup>	7.0	-5.1 <sup>T</sup>	-2.6 <sup>T</sup>
Feb	-0.5	-9.0	1.6	-1.6	-4.0	-8.6	-6.2 <sup>T</sup>	1.3	5.6	-3.0	-4.3
Mar	-0.8	-5.9	1.4	-4.4	-6.7	-5.8	-8.0	3.0	3.0 <sup>T</sup>	-1.4	-4.3
Apr	-1.8	-4.9	-1.3	-1.1	-2.4	-4.5	-4.9	0.6	0.2	-4.3	-2.9
May	-1.0	-6.9	-0.6	3.5	-0.6	-6.8	-7.5	1.9	0.8	-3.8	-2.4
Jun	-3.2	-11.1	-2.3	-0.8	-2.2	-11.4	-8.6	-2.4	-1.1	-3.8	-5.6
Jul	-3.0	-5.4	-2.5	-3.3	-2.8	-5.4	-6.2	-1.4	-2.9	-3.3	-3.8
Aug	-2.1	-11.6	-0.6	-2.6	-0.4	-11.9	-0.9	0.6	-0.3	-2.0	-6.2
Sep	-2.0	-5.2	-1.1	-4.4	-2.3	-4.6	-2.9	-0.3	-0.9	-1.8	-4.2
Oct	-1.2	-6.9	-0.4	-0.9	-2.0	-6.8	0.3	0.1	-0.7	0.2	-3.3
Nov	-2.0	-9.3	-1.1	-1.0	0.6	-9.8	2.3	-3.1	-0.9	0.6	-5.0
Dec	-1.9	-6.6	-1.4	-2.9	1.0	-7.0	1.7	-2.3	-0.4	-1.4	-4.8

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

<sup>T</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	136.7	688.9	83.6	90.8	123.2	61.9	189.2	246.5	235.2	246.3	
	K222	K224	K22A	K248	K24C	K226	K24Q	K24R	K24S	K24O	K24T	
Percentage change, latest month on previous month												
2022 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	-0.4	-6.7	0.6	0.6	0.6	-7.9	-0.8	0.2	-0.2	1.8	-3.4	
Feb	0.5	6.3	-	-1.5	-1.4	6.8	2.3	-0.7	1.5	-1.1	2.3	
Mar	0.5	-2.4	0.4	3.5	2.4	-2.1	1.0	1.4	0.7	-1.4	0.5	
Apr	0.2	-0.2	0.9	-1.9	-2.1	-0.4	-3.1	-1.0	2.6	0.8	-0.7	
May	-1.1	0.7	-0.6	-5.8	-2.0	0.9	2.4	-0.2	-0.9	-0.6	-1.8	
Jun	2.4	-2.0	3.2	3.2	1.3	-2.4	2.4	4.4	3.5	2.3	-0.1	
Jul	-0.8	0.4	-1.1	0.7	-0.8	0.8	-3.8	-1.3	-0.3	-1.8	0.3	
Aug	-0.3	2.9	-0.8	0.2	-1.4	3.2	-3.7	-1.3	-0.9	-0.2	1.5	
Sep	-0.5	-3.4	-0.4	1.3	1.3	-3.6	2.1	0.1	-0.2	-1.3	-1.0	
Oct	-1.4	-1.1	-1.3	-4.4	0.2	-1.4	-1.5	-1.7	-0.4	-1.8	-2.3	
Nov	0.3	0.8	0.5	-0.1	-1.3	1.2	0.3	2.2	-0.3	-0.2	0.4	
Dec	0.5	-1.5	0.9	1.4	-0.8	-1.4	-2.1	1.1	-0.3	2.1	0.1	
2024 Jan	-1.3 <sup>†</sup>	-3.5 <sup>†</sup>	-1.0 <sup>†</sup>	-0.4	-1.7 <sup>†</sup>	-3.4 <sup>†</sup>	0.1	-4.0 <sup>†</sup>	1.9	-2.0 <sup>†</sup>	-1.7 <sup>†</sup>	
Feb	0.9	0.1	1.0	1.3	0.9	-0.2	-0.2 <sup>†</sup>	1.8	0.2	1.2	0.5	
Mar	0.3	0.8	0.2	0.5	-0.5	0.8	-0.9	3.2	-1.8	0.2	0.5	
Apr	-0.9	0.9	-1.8	1.5	2.4	1.0	0.2	-3.3	-0.2	-2.2	0.8	
May	-0.2	-1.4	0.1	-1.4 <sup>†</sup>	-0.2	-1.6	-0.4	1.1	-0.3 <sup>†</sup>	-0.1	-1.4	
Jun	0.1	-6.4	1.4	-1.2	-0.3	-7.2	1.2	-	1.6	2.3	-3.3	
Jul	-0.6	6.8	-1.4	-1.8	-1.5	7.7	-1.3	-0.2	-2.2	-1.2	2.2	
Aug	0.6	-3.8	1.2	1.0	1.1	-3.9	1.7	0.7	1.7	1.1	-1.0	
Sep	-0.4	3.7	-0.9	-0.6	-0.6	4.3	-	-0.9	-0.8	-1.0	1.2	
Oct	-0.6	-2.9	-0.5	0.9	0.5	-3.6	1.8	-1.3	-0.2	0.2	-1.5	
Nov	-0.5	-1.8	-0.3	-2.0	1.4	-2.1	2.2	-1.1	-0.5	0.2	-1.3	
Dec	0.5	1.5	0.7	-0.6	-0.4	1.7	-2.6	1.9	0.3	-	0.3	
Percentage change, latest 3 months on same 3 months a year ago <sup>2</sup>												
2022 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	-4.3	-8.7	-5.3	12.5	-2.6	-5.6	-6.7	-4.7	-0.7	-11.5	0.4	
Feb	-3.6	-12.0	-3.7	12.5	-2.7	-9.9	-5.3	-2.9	1.3	-10.4	-2.0	
Mar	-2.7	-13.8	-2.2	12.6	-2.0	-12.2	-3.3	1.2	2.6	-10.3	-3.5	
Apr	-1.9	-13.4	-1.1	10.7	-2.5	-12.5	-1.1	1.0	5.3	-9.4	-4.4	
May	-1.9	-14.5	-0.5	8.1	-2.8	-13.9	0.5	1.5	6.4	-9.2	-5.7	
Jun	-1.1	-14.8	1.3	4.6	-3.9	-15.1	1.5	2.7	8.5	-6.9	-7.2	
Jul	-0.3	-15.7	2.6	3.5	-3.5	-16.4	1.0	4.7	9.4	-5.7	-7.6	
Aug	0.9	-13.0	3.8	4.4	-3.7	-13.5	-2.8	6.5	9.7	-4.2	-5.9	
Sep	0.8	-12.2	3.3	4.3	-3.0	-12.3	-4.3	5.4	9.3	-4.4	-5.1	
Oct	0.3	-9.2	2.4	2.5	-2.5	-9.2	-3.9	3.1	8.7	-4.5	-4.2	
Nov	-0.4	-11.2	2.0	0.6	-2.3	-11.8	-1.9	2.0	8.3	-4.3	-5.8	
Dec	-0.6	-9.6	1.7	-1.8	-3.0	-10.3	-2.9	1.9	6.7	-3.5	-5.7	
2024 Jan	-0.7 <sup>†</sup>	-7.5 <sup>†</sup>	1.4	-2.9	-4.7	-7.7 <sup>†</sup>	-3.8	1.7	6.1	-3.6 <sup>†</sup>	-4.7 <sup>†</sup>	
Feb	-0.6	-6.3	1.4	-3.1	-4.7 <sup>†</sup>	-5.9	-5.0 <sup>†</sup>	1.1	5.8	-3.2	-3.8	
Mar	-0.8	-6.1	1.2 <sup>†</sup>	-3.5	-5.7	-5.6	-6.1	1.1	5.2 <sup>†</sup>	-3.2	-3.8	
Apr	-1.0	-6.6	0.5	-2.4	-4.4	-6.3	-6.4	1.7 <sup>†</sup>	2.9	-2.9	-3.8	
May	-1.2	-5.9	-0.2	-0.8	-3.3	-5.7	-6.8	1.9	1.3	-3.2	-3.2	
Jun	-2.0	-7.6	-1.4	0.5 <sup>†</sup>	-1.7	-7.6	-7.0	-	-	-4.0	-3.6	
Jul	-2.4	-7.8	-1.8	-0.3	-1.9	-7.9	-7.5	-0.6	-1.1	-3.6	-4.0	
Aug	-2.8	-9.4	-1.8	-2.3	-1.8	-9.6	-5.3	-1.0	-1.4	-3.0	-5.2	
Sep	-2.4	-7.5	-1.4	-3.5	-1.9	-7.4	-3.4	-0.4	-1.4	-2.3	-4.7	
Oct	-1.8	-7.9	-0.7	-2.1	-1.6	-7.8	-1.2	0.1	-0.7	-1.2	-4.6	
Nov	-1.7	-7.1	-0.9	-1.6	-1.2	-7.1	-0.1	-1.1	-0.9	-0.3	-4.2	
Dec	-1.7	-7.6	-0.9	-1.0	-0.2	-7.9	1.4	-1.8	-0.7	-0.2	-4.4	

<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	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	136.7	688.9	83.6	90.8	123.2	61.9	189.2	246.5	235.2	246.3
	K222	K224	K22A	K248	K24C	K226	K24Q	K24R	K24S	K24O	K24T
Percentage change, latest 3 months on previous 3 months <sup>2</sup>											
2022 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	0.7	3.5	0.4	-4.6	-1.5	1.8	2.2	-2.0	-1.5
Feb	-0.2	-8.7	1.0	3.7	0.1	-9.4	0.7	0.7	3.1	-0.8	-3.5
Mar	-	-7.4	1.0	3.2	0.6	-8.5	1.6	0.5	2.7	-0.2	-3.0
Apr	0.4	-2.9	1.1	1.8	-0.3	-3.5	1.3	0.4	3.2	-0.8	-0.9
May	0.4	-0.6	0.9	-0.6	-0.4	-0.5	0.9	0.3	3.1	-1.2	-0.2
Jun	0.8	-	1.8	-3.0	-1.9	0.1	0.7	1.1	4.1	-0.2	-0.9
Jul	0.6	-1.5	1.8	-3.8	-2.0	-1.4	0.9	2.1	3.3	0.3	-2.1
Aug	1.1	-0.4	2.0	-1.0	-1.8	-0.4	-0.9	2.6	3.2	0.8	-0.9
Sep	0.1	0.1	0.1	1.3	-1.2	0.4	-3.3	0.7	1.0	-1.1	0.3
Oct	-0.8	-0.2	-1.2	1.1	-0.6	-	-4.6	-1.3	-0.3	-2.1	0.2
Nov	-1.8	-1.8	-2.0	-1.4	-0.2	-1.8	-2.6	-1.7	-1.3	-3.2	-1.3
Dec	-1.4	-2.3	-1.2	-3.2	-0.5	-2.4	-1.9	-0.3	-1.1	-2.1	-2.2
2024 Jan	-0.9 <sup>†</sup>	-3.2 <sup>†</sup>	-0.3 <sup>†</sup>	-2.0	-1.8	-3.0 <sup>†</sup>	-1.4	0.4	-0.2	-1.1 <sup>†</sup>	-2.0 <sup>†</sup>
Feb	-0.3	-3.6	0.5	-0.1	-2.4 <sup>†</sup>	-3.4	-2.4	-0.1	0.7	0.4	-1.4
Mar	-0.2	-3.9	0.5	1.5	-2.2	-3.7	-1.7 <sup>†</sup>	-0.3	1.1	0.2	-1.0
Apr	0.1	-2.0	0.2	2.3	-	-2.0	-1.4	0.4 <sup>†</sup>	0.1 <sup>†</sup>	-0.1	-
May	-0.2	-0.2	-0.6	1.8 <sup>†</sup>	1.1	-0.3	-1.0	1.1	-1.2	-1.2	0.3
Jun	-0.5	-1.6	-0.8	0.9	2.2	-1.9	-0.4	-	-1.0	-1.0	-0.7
Jul	-0.8	-2.7	-0.6	-1.6	0.5	-3.0	-0.2	-0.2	-0.7	-0.4	-2.2
Aug	-0.5	-4.1	0.3	-2.5	-0.3	-4.4	0.7	-0.3	0.4	1.0	-2.9
Sep	-0.3	0.3	0.1	-2.6	-1.3	0.6	0.5	0.3	-0.4	0.6	-0.8
Oct	-0.2	-0.3	-0.1	-0.8	-0.3	-	1.9	-0.5	0.2	0.4	-0.4
Nov	-0.7	0.7	-1.0	-0.7	0.4	0.9	2.7	-1.7	-0.7	-0.5	-0.2
Dec	-0.8	-2.5	-0.7	-0.7	1.2	-3.0	3.0	-1.7	-0.4	0.1	-1.8

<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

	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	112.2	20.4	43.4	10.4	41.2	56.4
	K22B	K22P	K22T	K22X	K22Z	K239
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	97.5	89.9	91.4	96.8	87.3	117.3
2024	100.0	83.9	86.9	91.1	85.7	115.2
2023 Q4	98.0	86.0	88.6	93.5	85.6	119.2
2024 Q1	99.1 <sup>†</sup>	83.7 <sup>†</sup>	89.2 <sup>†</sup>	98.1 <sup>†</sup>	84.7 <sup>†</sup>	116.0 <sup>†</sup>
Q2	99.7	81.2	86.6	94.7	86.8	116.5
Q3	100.5	82.9	86.5	88.6	87.6	116.4
Q4	100.6	87.9	85.2	83.1	83.9	111.8
2023 Oct	97.5	85.9	89.0	92.9	85.6	113.8
Nov	98.0	86.2	88.4	93.6	85.7	120.0
Dec	98.4	85.8	88.2	94.0	85.6	123.9
2024 Jan	97.7	83.7	88.9 <sup>†</sup>	95.4	84.0 <sup>†</sup>	111.1 <sup>†</sup>
Feb	99.3 <sup>†</sup>	85.3 <sup>†</sup>	90.2	99.7 <sup>†</sup>	85.3	113.2
Mar	100.2	82.1	88.5	99.2	84.8	123.7
Apr	98.1	81.9	87.4	94.0	86.6	116.0
May	100.4	79.9	86.7	93.0	86.3	116.3
Jun	100.5	81.8	85.8	97.0	87.5	117.3
Jul	100.5	81.5	86.8	91.2	87.4	116.5
Aug	100.7	81.9	87.0	91.7	87.0	118.0
Sep	100.3	85.4	85.6	82.9	88.4	114.8
Oct	100.7	86.2	86.0	80.0	85.0	111.3
Nov	100.4	87.0	85.0	85.6	83.5	109.2
Dec	100.6	90.5	84.7	83.6	83.1	114.7

## Percentage change, latest year on previous year

2020	-1.0	-33.9	-8.2	-12.1	12.0	19.3
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	-2.5	-10.1	-8.6	-3.2	-12.7	17.3
2024	2.5	-6.6	-5.0	-5.9	-1.7	-1.8

## Percentage change, latest month on same month a year ago

2022 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	-5.7	-6.8	-15.2	-2.6	-22.3	19.7
Feb	-4.6	-5.1	-15.2	-6.5	-20.5	12.9
Mar	-5.1	-10.3	-13.5	-7.7	-17.7	28.1
Apr	-5.5	-12.4	-9.9	-7.1	-17.5	18.1
May	-4.6	-10.5	-10.9	-6.7	-17.7	17.7
Jun	-2.0	-3.1	-4.6	-4.0	-10.7	29.3
Jul	-1.8	-12.5	-6.5	1.9	-7.7	28.8
Aug	-2.4	-11.7	-3.3	0.2	-11.9	30.7
Sep	1.2	-11.4	-5.3	1.1	-6.9	9.9
Oct	-0.1	-10.8	-6.4	-3.0	-7.0	0.9
Nov	-0.1	-13.2	-5.2	-2.3	-4.0	11.3
Dec	1.6	-13.4	-3.9	0.6	-2.5	8.3
2024 Jan	-	-12.5	-4.3 <sup>†</sup>	-1.9	-7.5 <sup>†</sup>	0.2 <sup>†</sup>
Feb	1.5 <sup>†</sup>	-8.9 <sup>†</sup>	-2.2	3.1 <sup>†</sup>	-3.4	2.2
Mar	3.4	-10.3	-4.3	-0.4	-4.2	6.3
Apr	1.9	-9.2	-6.4	-8.7	-0.9	1.1
May	3.6	-11.8	-5.3	-9.9	-0.1	2.0
Jun	2.5	-12.9	-8.6	-1.2	-0.3	-6.2
Jul	2.4	-7.4	-6.6	-3.2	-1.2	-3.3
Aug	4.1	-7.3	-5.9	-2.4	1.3	-1.7
Sep	2.6	-3.8	-4.7	-12.7	2.0	-2.5
Oct	3.3	0.4	-3.3	-13.9	-0.7	-2.2
Nov	2.5	0.9	-3.9	-8.5	-2.5	-9.0
Dec	2.3	5.5	-4.0	-11.0	-2.9	-7.4

<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

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	51.2	76.3	47.2	19.3	54.6	94.1	62.3
	K23B	K23G	K23N	K23P	K23R	K23T	K23Z
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	90.3	103.3	100.7	94.4	99.0	114.5	102.0
2024	85.4	106.0	97.8	86.8	91.4	120.8	101.9
2023 Q4	83.5	105.4	98.2	93.1	93.6	120.5	100.7
2024 Q1	85.3 <sup>†</sup>	107.0 <sup>†</sup>	96.3 <sup>†</sup>	90.5 <sup>†</sup>	91.6	124.8	101.7 <sup>†</sup>
Q2	84.6	105.4	96.4	86.7	92.5 <sup>†</sup>	121.3 <sup>†</sup>	101.2
Q3	85.4	106.3	97.6	85.2	90.4	119.9	102.2
Q4	86.4	105.2	100.7	84.8	91.0	117.1	102.7
2023 Oct	83.8	103.8	98.1	93.7	95.8	119.2	101.4
Nov	82.5	104.9	99.7	93.3	93.1	119.9	99.7
Dec	84.2	107.7	96.7	92.2	91.9	122.4	101.0
2024 Jan	84.1 <sup>†</sup>	106.4 <sup>†</sup>	96.7 <sup>†</sup>	89.1 <sup>†</sup>	93.1	124.5	102.4 <sup>†</sup>
Feb	85.6	108.0	96.3	89.0	90.1	127.5	101.3
Mar	86.1	106.8	95.8	93.3	91.5 <sup>†</sup>	122.6 <sup>†</sup>	101.6
Apr	83.7	103.9	96.4	87.3	91.8	121.8	99.9
May	84.4	104.3	95.7	84.5	91.0	120.4	101.7
Jun	85.6	107.8	97.2	88.3	94.6	121.7	101.9
Jul	84.0	106.1	96.2	83.4	89.6	118.6	102.3
Aug	85.5	107.8	98.7	88.4	90.0	121.4	102.5
Sep	86.5	105.1	97.9	83.8	91.8	119.6	101.7
Oct	85.7	105.2	100.3	84.2	89.7	118.3	103.1
Nov	87.6	104.9	102.8	84.5	89.1	117.3	101.4
Dec	86.0	105.5	99.1	85.7	94.4	115.7	103.6
<b>Percentage change, latest year on previous year</b>							
2020	0.6	9.1	4.1	34.6	4.1	-0.6	-3.0
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	-9.7	3.3	0.7	-5.6	-1.0	14.5	2.0
2024	-5.4	2.6	-2.9	-8.1	-7.7	5.5	-0.1
<b>Percentage change, latest month on same month a year ago</b>							
2022 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	-4.7	-3.3	-7.1	-11.4	-2.5	3.3	2.7
Feb	-3.4	-3.3	0.3	-15.5	2.7	6.0	0.6
Mar	-7.6	-3.3	2.9	-14.8	2.7	6.9	1.1
Apr	-8.8	-1.1	1.7	-6.7	4.4	12.6	7.0
May	-11.9	0.5	7.1	-6.3	-2.7	10.9	3.9
Jun	-6.0	3.6	8.2	-1.4	-2.6	19.3	5.1
Jul	-11.0	5.7	3.1	2.2	2.4	19.2	4.6
Aug	-11.0	6.7	-5.8	-1.2	0.9	20.0	-
Sep	-11.6	7.9	1.5	-0.5	-0.8	20.5	1.2
Oct	-14.4	7.7	1.0	-3.2	0.1	18.7	1.4
Nov	-13.9	8.1	0.1	-2.8	-5.7	17.7	-1.5
Dec	-13.1	12.3	-3.4	-3.1	-10.0	19.4	-1.3
2024 Jan	-14.5 <sup>†</sup>	5.9 <sup>†</sup>	-2.2 <sup>†</sup>	-8.0 <sup>†</sup>	-8.1	20.3 <sup>†</sup>	0.8 <sup>†</sup>
Feb	-11.9	7.7	-5.1	0.3	-12.6	20.8	-
Mar	-7.8	6.4	-7.0	3.8	-10.1 <sup>†</sup>	14.0	0.4
Apr	-10.0	2.4	-2.8	-8.0	-10.8	7.5	-4.1
May	-8.5	2.4	-7.4	-9.0	-8.3	8.2	-0.4
Jun	-9.8	4.2	-9.0	-9.3	-4.4	3.2	-3.1
Jul	-5.6	1.5	-6.6	-15.8	-12.2	1.9	-2.0
Aug	-3.2	2.2	0.7	-9.2	-10.2	1.8	1.1
Sep	0.4	-0.4	-2.5	-13.5	-6.7	1.2	0.4
Oct	2.4	1.4	2.3	-10.1	-6.3	-0.8	1.6
Nov	6.1	-	3.2	-9.5	-4.3	-2.2	1.7
Dec	2.2	-2.0	2.4	-7.1	2.7	-5.5	2.6

<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	112.2	20.4	43.4	10.4	41.2	56.4
	K22B	K22P	K22T	K22X	K22Z	K239

## Percentage change, latest month on previous month

2022	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	0.9	-3.4	1.2	4.1	3.5	-3.1
	Feb	0.1	-2.1	-0.7	-0.5	-2.8	-0.1
	Mar	-0.9	-2.4	0.4	2.9	0.2	5.0
	Apr	-0.6	-1.3	1.0	3.4	-1.2	-1.4
	May	0.6	0.3	-2.0	0.3	-1.1	-0.6
	Jun	1.2	3.7	2.6	-4.8	1.6	9.7
	Jul	0.1	-6.3	-1.0	-4.1	0.8	-3.7
	Aug	-1.4	0.4	-0.6	-0.3	-2.9	-0.3
	Sep	1.1	0.5	-2.8	1.1	0.8	-1.9
	Oct	-0.2	-3.3	-0.9	-2.1	-1.2	-3.4
	Nov	0.5	0.4	-0.6	0.7	0.2	5.5
	Dec	0.4	-0.4	-0.3	0.5	-0.1	3.2
2024	Jan	-0.7 <sup>†</sup>	-2.4 <sup>†</sup>	0.8 <sup>†</sup>	1.4	-1.9 <sup>†</sup>	-10.3 <sup>†</sup>
	Feb	1.6	1.9	1.4	4.6 <sup>†</sup>	1.5	1.9
	Mar	1.0	-3.8	-1.8	-0.5	-0.6	9.3
	Apr	-2.1	-0.2	-1.3	-5.3	2.2	-6.2
	May	2.3	-2.5	-0.8	-1.1	-0.4	0.2
	Jun	0.1	2.4	-1.0	4.4	1.4	0.9
	Jul	-	-0.4	1.2	-6.1	-0.1	-0.7
	Aug	0.2	0.5	0.2	0.6	-0.4	1.3
	Sep	-0.4	4.3	-1.6	-9.6	1.5	-2.7
	Oct	0.5	0.9	0.5	-3.5	-3.9	-3.1
	Nov	-0.3	0.9	-1.3	7.0	-1.7	-1.9
	Dec	0.2	4.1	-0.3	-2.3	-0.5	5.1

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

2022	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	-6.6	-5.9	-16.7	-3.5	-23.4	2.7
	Feb	-5.7	-4.9	-15.8	-4.3	-22.4	6.7
	Mar	-5.1	-7.4	-14.6	-5.6	-20.2	20.0
	Apr	-5.1	-9.3	-12.9	-7.1	-18.6	19.5
	May	-5.1	-11.0	-11.5	-7.1	-17.6	21.2
	Jun	-4.1	-8.8	-8.5	-6.0	-15.4	21.7
	Jul	-2.8	-8.8	-7.4	-3.2	-12.2	25.2
	Aug	-2.0	-9.2	-4.8	-0.7	-10.1	29.6
	Sep	-1.0	-11.9	-5.1	1.1	-8.9	22.5
	Oct	-0.4	-11.3	-5.0	-0.6	-8.7	12.8
	Nov	0.3	-11.8	-5.6	-1.4	-6.0	7.2
	Dec	0.5	-12.5	-5.2	-1.6	-4.5	6.8
2024	Jan	0.5	-13.0 <sup>†</sup>	-4.5 <sup>†</sup>	-1.2	-4.7 <sup>†</sup>	6.6
	Feb	1.0	-11.7	-3.5	0.6	-4.5	3.6 <sup>†</sup>
	Mar	1.6 <sup>†</sup>	-10.6	-3.6	0.2 <sup>†</sup>	-5.1	2.9
	Apr	2.2	-9.5	-4.3	-2.1	-2.8	3.2
	May	2.9	-10.4	-5.4	-6.4	-1.7	3.1
	Jun	2.7	-11.3	-6.8	-6.7	-0.4	-1.2
	Jul	2.8	-10.8	-6.8	-4.9	-0.6	-2.7
	Aug	3.0	-9.3	-7.0	-2.3	-0.1	-3.8
	Sep	3.0	-6.2	-5.7	-6.1	0.7	-2.5
	Oct	3.3	-3.6	-4.7	-9.6	0.9	-2.1
	Nov	2.8	-0.9	-4.0	-11.7	-0.4	-4.6
	Dec	2.7	2.2	-3.7	-11.1	-2.1	-6.3

<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

continued

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

Seasonally adjusted 2022 = 100

	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
Section	CG	CH	CI	CJ	CK	CL	CM
Latest weight	51.2	76.3	47.2	19.3	54.6	94.1	62.3
	K23B	K23G	K23N	K23P	K23R	K23T	K23Z

## Percentage change, latest month on previous month

2022	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	1.6	4.8	-1.2	1.7	-0.8	0.9	-0.8
	Feb	-1.3	-0.3	2.6	-8.4	1.8	2.0	-0.3
	Mar	-3.9	0.2	1.5	1.3	-1.2	1.9	-0.1
	Apr	-0.3	1.1	-3.6	5.6	1.1	5.3	3.0
	May	-0.9	0.4	4.2	-2.1	-3.5	-1.7	-2.0
	Jun	2.9	1.6	3.2	4.7	-0.4	5.9	2.9
	Jul	-6.3	1.0	-3.6	1.8	3.1	-1.3	-0.7
	Aug	-0.7	0.8	-4.8	-1.8	-1.8	2.5	-2.9
	Sep	-2.5	0.1	2.5	-0.5	-1.8	-1.0	-
	Oct	-2.8	-1.7	-2.4	-3.3	-2.6	0.9	0.1
	Nov	-1.5	1.1	1.7	-0.3	-2.8	0.6	-1.7
	Dec	2.0	2.6	-2.9	-1.2	-1.3	2.0	1.3
2024	Jan	-0.1 <sup>†</sup>	-1.2 <sup>†</sup>	-	-3.4 <sup>†</sup>	1.3	1.7	1.3 <sup>†</sup>
	Feb	1.7	1.5	-0.4	-0.1	-3.2	2.4	-1.1
	Mar	0.5	-1.1	-0.5	4.9	1.6	-3.9	0.3
	Apr	-2.7	-2.7	0.7	-6.4	0.3	-0.7	-1.6
	May	0.8	0.4	-0.8	-3.2	-0.8 <sup>†</sup>	-1.1	1.8
	Jun	1.4	3.3	1.5	4.4	3.9	1.1	0.2
	Jul	-1.9	-1.6	-1.0	-5.5	-5.3	-2.6 <sup>†</sup>	0.4
	Aug	1.8	1.6	2.6	5.9	0.4	2.4	0.1
	Sep	1.2	-2.5	-0.7	-5.1	2.0	-1.5	-0.7
	Oct	-0.9	0.1	2.4	0.4	-2.3	-1.1	1.3
	Nov	2.1	-0.3	2.6	0.4	-0.7	-0.9	-1.7
	Dec	-1.7	0.6	-3.6	1.4	5.9	-1.4	2.3

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

2022	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	-1.6	1.4	2.4
	Feb	-4.4	-4.0	-4.6	-13.7	1.4	3.4	2.3
	Mar	-5.2	-3.3	-1.4	-13.8	0.9	5.4	1.4
	Apr	-6.6	-2.6	1.6	-12.4	3.3	8.5	2.9
	May	-9.4	-1.3	3.9	-9.3	1.4	10.1	4.0
	Jun	-8.9	1.0	5.7	-4.8	-0.3	14.2	5.3
	Jul	-9.6	3.3	6.1	-1.9	-1.0	16.4	4.5
	Aug	-9.3	5.3	1.7	-0.1	0.2	19.5	3.2
	Sep	-11.2	6.8	-0.5	0.1	0.8	19.9	2.0
	Oct	-12.3	7.4	-1.2	-1.7	0.1	19.7	0.9
	Nov	-13.3	7.9	0.9	-2.2	-2.1	18.9	0.4
	Dec	-13.8	9.3	-0.8	-3.0	-5.3	18.6	-0.5
2024	Jan	-13.8 <sup>†</sup>	8.7 <sup>†</sup>	-1.8	-4.6 <sup>†</sup>	-8.0 <sup>†</sup>	19.2	-0.6 <sup>†</sup>
	Feb	-13.2	8.6	-3.6 <sup>†</sup>	-3.7	-10.2	20.2	-0.1
	Mar	-11.5	6.7	-4.8	-1.5	-10.3	18.3	0.4
	Apr	-9.9	5.5	-5.0	-1.4	-11.2	14.0 <sup>†</sup>	-1.2
	May	-8.8	3.7	-5.8	-4.5	-9.8	9.8	-1.4
	Jun	-9.5	3.0	-6.5	-8.8	-7.9	6.3	-2.6
	Jul	-8.0	2.7	-7.7	-11.4	-8.3	4.4	-1.9
	Aug	-6.3	2.7	-5.1	-11.5	-9.0	2.3	-1.4
	Sep	-2.8	1.1	-2.8	-12.8	-9.7	1.6	-0.2
	Oct	-0.2	1.1	0.1	-10.9	-7.7	0.8	1.0
	Nov	2.9	0.3	1.0	-11.1	-5.8	-0.6	1.2
	Dec	3.5	-0.2	2.6	-8.9	-2.7	-2.8	2.0

<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	112.2	20.4	43.4	10.4	41.2	56.4
	K22B	K22P	K22T	K22X	K22Z	K239

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

2022	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	-0.2	-0.8	-2.6	1.1	-5.2	6.8
	Feb	-	-2.4	-2.3	0.7	-2.7	2.5
	Mar	-	-4.7	-0.9	3.0	-0.5	0.9
	Apr	-0.5	-6.4	0.1	4.5	-1.4	2.6
	May	-0.7	-5.7	0.3	6.4	-1.7	2.7
	Jun	-0.4	-2.2	0.5	3.7	-2.2	4.7
	Jul	0.7	-1.1	0.1	-1.2	-0.6	5.2
	Aug	0.9	-0.7	0.6	-6.3	-	6.0
	Sep	0.5	-3.5	-1.3	-7.0	-0.2	1.3
	Oct	-0.4	-3.4	-2.6	-4.7	-1.7	-2.2
	Nov	0.1	-3.5	-4.3	-1.7	-1.6	-3.8
	Dec	0.4	-2.7	-3.5	-0.9	-1.6	-0.2
2024	Jan	0.7	-2.8	-2.1 <sup>†</sup>	0.4	-1.1	0.9 <sup>†</sup>
	Feb	0.7	-2.3	-	2.7 <sup>†</sup>	-1.2 <sup>†</sup>	-1.0
	Mar	1.1 <sup>†</sup>	-2.6 <sup>†</sup>	0.7	4.9	-1.1	-2.7
	Apr	1.2	-2.5	0.2	3.5	0.6	-0.6
	May	1.1	-4.3	-1.7	-1.0	1.1	2.2
	Jun	0.6	-3.0	-2.9	-3.5	2.5	0.5
	Jul	1.2	-2.5	-2.6	-4.0	1.8	-0.8
	Aug	1.0	0.5	-1.1	-2.2	1.6	-1.2
	Sep	0.8	2.1	-0.2	-6.4	0.9	-0.1
	Oct	0.1	4.3	-0.3	-9.4	-0.3	-1.7
	Nov	-0.1	5.5	-1.2	-11.2	-1.9	-4.7
	Dec	0.1	6.0	-1.4	-6.2	-4.3	-4.0

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# IOP5 Output of the Production Industries

continued

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

Seasonally adjusted 2022 = 100

	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
Section	CG	CH	CI	CJ	CK	CL	CM
Latest weight	51.2	76.3	47.2	19.3	54.6	94.1	62.3
	K23B	K23G	K23N	K23P	K23R	K23T	K23Z

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

2022	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	0.2	-0.5	-1.6	2.8	3.3	1.2
	Feb	0.4	1.8	1.6	-3.3	4.5	3.7	1.2
	Mar	-0.6	4.1	2.2	-4.4	3.3	3.8	0.1
	Apr	-2.6	2.9	1.7	-5.0	1.9	6.0	0.5
	May	-4.7	2.4	1.7	-1.1	-0.8	6.6	0.8
	Jun	-3.0	1.9	2.0	3.5	-1.6	8.2	2.5
	Jul	-2.6	2.6	3.1	5.7	-2.4	6.0	1.7
	Aug	-2.3	3.2	0.7	5.7	-1.0	6.5	1.1
	Sep	-6.0	2.8	-2.6	2.8	-0.3	3.3	-1.4
	Oct	-6.5	1.6	-5.3	-0.5	-2.0	3.2	-2.4
	Nov	-7.3	0.3	-3.1	-3.3	-4.6	1.0	-2.7
	Dec	-4.9	0.3	-2.3	-4.8	-6.6	2.2	-1.6
2024	Jan	-2.9 <sup>†</sup>	1.3 <sup>†</sup>	-1.1	-4.6	-5.5	2.8	-0.3 <sup>†</sup>
	Feb	0.6	2.5	-2.8	-4.8 <sup>†</sup>	-4.2	4.8	0.7
	Mar	2.1	1.5	-1.9 <sup>†</sup>	-2.8	-2.2 <sup>†</sup>	3.6	1.0
	Apr	1.8	-0.1	-1.6	-1.8	-1.7	1.4 <sup>†</sup>	-0.1
	May	0.1	-2.2	-0.6	-1.9	-0.2	-2.5	-0.5
	Jun	-0.8	-1.6	0.2	-4.2	1.0	-2.8	-0.6
	Jul	-0.5	-0.1	0.2	-5.0	0.7	-3.0	1.0
	Aug	0.4	2.1	1.4	-1.9	-0.1	-0.8	1.2
	Sep	0.9	0.9	1.2	-1.7	-2.2	-1.2	1.0
	Oct	1.5	-0.1	2.7	0.1	-1.4	-0.4	0.5
	Nov	1.8	-2.0	3.1	-2.9	-1.3	-1.8	-0.2
	Dec	1.3	-1.1	3.2	-0.5	0.7	-2.3	0.5

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

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