

Statistical bulletin

Index of Production, UK: January 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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Table of contents

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

1 . Main points

- Production output growth is estimated to have fallen by 0.2% in the three months to January 2024 when compared with the three months to October 2023.
- At the sector level, in the three months to January 2024, there were falls in "mining and quarrying" (3.3%), "electricity and gas" (1.6%), and "water supply and sewerage" (1.0%); this was partially offset by a rise in "manufacturing" (0.3%).
- Monthly production output was estimated to have fallen by 0.2% in January 2024; this follows a rise 0.6% in December 2023.
- The monthly decrease in output for January 2024 resulted from a decline in two of the four production sectors, with "water supply and sewerage" being the main contributor to the monthly fall (2.2%) and a smaller negative contribution from "mining and quarrying" (1.3%); this was partially offset by a rise in "electricity and gas" (0.5%).
- Monthly manufacturing output remained flat (0.0%) in January 2024 but saw a mixed profile of growth at the sub-level with increases in 7 of its 13 sub-sectors.
- The largest positive contributing manufacturing sub-sectors on the month in January 2024 were "manufacture of transport equipment" and "other manufacturing and repair", which increased by 2.3% and 1.8%, respectively; this was partially offset by the largest contributing fall in "manufacture of basic pharmaceutical products and pharmaceutical preparations", of 5.1%.
- Further analysis of our monthly Index of Production (IoP) estimate is available in our [Gross domestic product \(GDP\) monthly estimate, UK: January 2024 bulletin](#), published 13 March 2024.

2 . Index of Production (IoP) data

[Index of Production time series](#)

Dataset DIOP | Released 13 March 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 13 March 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 13 March 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 13 March 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 13 March 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 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. For more information, see 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 January 2024

For January 2024, the response rates were 73.1% based on forms returned and this accounted for 83.0% of total turnover coverage of the sample population. Historical information can be found in our [IoP response rates](#).

Quality and methodology

The data reported in IoP bulletins and datasets are estimates that are subject to uncertainty, for example sampling variability and non-sampling error. For more information on these issues, see our [Uncertainty and how we measure it for our surveys](#).

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](#), there are no revisions to the Index of Production, with January 2024 open for publication for the first time.

It is important to note that early estimates of GDP are subject to revision (positive and negative). Please see our [Why GDP figures are revised article](#) for more information.

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

Office for Statistics Regulation review of GDP

The Office for Statistics Regulation (OSR) completed a [review](#) of the practices around the preparation and release of information about revisions to estimates of GDP in our [Impact of Blue Book 2023 article](#), released on 1 September 2023. This covers the following:

- processes and quality assurance in making revisions to GDP
- potential improvements to early estimates of GDP enabled through enhanced access to data
- communication of revisions to GDP, the story behind the most recent set of revisions in particular and uncertainty in early estimates of GDP

We published a [response to the OSR review into GDP](#) in January 2024, which was [positively received by the OSR](#)

4 . Related links

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

Bulletin | Released 13 March 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: January 2024](#)

Bulletin | Released 13 March 2024

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

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

Bulletin | Released 14 February 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 29 February 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 13 March 2024, ONS website, statistical bulletin, [Index of Production, UK: January 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	65.0	101.7	62.2	103.6	61.1	108.0	115.6	103.7	88.6	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	94.2	66.0	100.5	63.4	105.5	61.7	109.1	114.0	100.5	89.7	68.7	
Q2	95.0	65.4	102.2	61.7	103.8	61.5	109.9	115.0	104.7	89.4	68.1	
Q3	95.2	65.4	102.4	62.7	102.3	61.7	107.0	116.4	105.4	88.7	68.2	
Q4	94.2	63.4	101.5	61.1	102.8	59.5	105.9	116.8	104.4	86.7	66.9	
2022 Nov	94.0	74.5	99.6	61.9	105.8	71.6	107.5	113.8	98.0	90.1	70.5	
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	63.4	105.8	60.1	106.7	114.3	99.1	90.6	68.2	
Feb	93.9	67.7	100.3	62.4	104.2	63.2	109.5	113.0	100.6	89.9	68.5	
Mar	94.6	65.6	100.9	64.5	106.6	61.9	111.1	114.6	101.8	88.5	69.5	
Apr	94.8	65.6	101.5	63.3	104.6	61.7	107.5	113.2	104.1	89.0	69.0	
May	93.9	65.8	101.0	60.2	102.7	62.0	110.0	113.5	103.3	88.3	67.5	
Jun	96.4	64.9	104.2	61.5	104.1	60.7	112.1	118.1	106.7	90.8	67.7	
Jul	95.4	64.8	102.9	61.8	102.9	61.0	108.2	116.9	105.9	89.1	67.6	
Aug	95.1	66.7	102.4	62.2	101.3	63.2	105.3	115.9	105.1	89.1	68.3	
Sep	95.0	64.7	102.0	64.0	102.6	61.0	107.6	116.4	105.1	87.8	68.7	
Oct	93.7	63.6	100.7	60.9	103.6	59.3	106.1	114.7	104.4	86.2	66.7	
Nov	94.2	63.9	101.5	60.8	102.5	60.2	106.3	117.3	104.5	86.2	66.8	
Dec	94.7	62.7	102.3	61.5	102.1	59.1	105.4	118.4	104.2	87.7	67.1	
2024 Jan	94.5	61.9	102.3	61.8	99.9	59.1	106.0	116.3	106.9	86.3	67.2	
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	-0.3	-14.3	1.2	-1.8	-2.6	-15.2	0.6	2.2	6.4	-5.1	-6.5	
Percentage change, latest month on same month a year ago												
2021 Nov	-10.2	-17.0	-7.5	-37.4	2.7	-20.8	-5.1	9.1	-15.9	-11.2	-24.3	
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	-1.6	-0.9	-16.1	-2.2	2.4	-0.5	-7.2	-7.9	
Feb	-2.3	-12.1	-1.4	-3.2	-2.1	-13.1	2.1	-0.5	2.7	-6.2	-7.7	
Mar	-1.2	-15.4	-0.5	1.7	0.1	-15.0	3.4	2.5	3.9	-8.2	-6.0	
Apr	-0.9	-16.8	0.8	-1.4	-3.3	-18.1	3.4	-0.1	8.2	-6.3	-8.5	
May	-2.0	-17.0	-0.3	-4.7	-3.4	-17.9	5.2	-0.3	6.4	-7.5	-8.8	
Jun	1.5	-16.1	4.1	-3.5	-3.7	-18.4	4.8	4.7	10.2	-2.1	-8.1	
Jul	1.0	-20.1	3.7	-2.4	-3.0	-22.0	-0.3	4.2	10.5	-3.7	-8.7	
Aug	1.2	-8.6	2.9	-0.7	-4.8	-7.6	-6.3	5.6	7.4	-4.0	-3.6	
Sep	1.2	-13.4	3.0	0.8	-3.0	-13.5	0.7	3.3	9.1	-3.9	-4.1	
Oct	-0.5	-12.3	0.5	-1.5	-0.5	-13.8	-0.1	-2.0	8.1	-5.1	-4.8	
Nov	0.1	-14.2	1.9	-1.7	-3.1	-16.0	-1.2	3.1	6.6	-4.2	-5.3	
Dec	0.6	-8.8	2.3	-3.6	-3.3	-9.4	-1.8	3.6	4.7	-1.8	-3.6	
2024 Jan	0.5	-4.3	2.0	-2.5	-5.6	-1.6	-0.7	1.7	7.9	-4.8	-1.4	

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

Chained volume indices of gross value added¹

continued

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 Nov	1.5	-4.4	1.9	4.7	-0.4	-6.5	5.4	-0.5	4.4	1.7	0.4
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
2022 Feb	-0.3	0.4	-0.4	0.2	-0.3	1.6	-1.7	1.8	-1.6	-1.9	0.3
2022 Mar	-0.3	0.7	-0.3	-1.8	0.1	0.1	0.2	-1.6	-	0.5	-0.5
2022 Apr	-0.2	1.7	-0.7	1.2	1.6	3.4	-3.3	1.4	-1.9	-1.4	2.0
2022 May	0.2	0.5	0.6	-1.6	-1.7	0.4	0.6	0.5	0.9	0.5	-1.7
2022 Jun	-0.9	-2.4	-1.2	0.9	1.7	-1.5	2.3	-1.0	-0.2	-2.8	-0.5
2022 Jul	-0.5	4.9	-0.8	-0.7	-1.8	5.2	1.5	-0.5	-1.1	-0.2	0.5
2022 Aug	-0.6	-10.0	0.2	-1.0	0.2	-12.7	3.5	-2.1	2.2	0.2	-4.3
2022 Sep	-0.1	2.3	-0.4	1.4	-0.5	3.2	-4.8	2.6	-1.6	-1.5	1.0
2022 Oct	0.3	-2.8	1.1	-2.6	-1.6	-2.5	-0.7	3.9	0.2	-0.6	-2.2
2022 Nov	-0.1	2.7	-0.6	-	1.7	4.1	1.3	-2.8	1.5	-0.8	0.7
2022 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	-0.6	0.1	-7.8	-0.6	-	-0.5	1.5	-2.1
2023 Feb	-	4.7	-	-1.5	-1.5	5.2	2.6	-1.1	1.6	-0.8	0.5
2023 Mar	0.7	-3.1	0.5	3.2	2.3	-2.1	1.5	1.4	1.2	-1.5	1.4
2023 Apr	0.2	-	0.6	-1.8	-1.9	-0.3	-3.3	-1.2	2.3	0.6	-0.7
2023 May	-0.9	0.3	-0.5	-4.9	-1.8	0.6	2.4	0.3	-0.8	-0.8	-2.1
2023 Jun	2.7	-1.3	3.2	2.1	1.3	-2.1	1.9	4.0	3.3	2.8	0.3
2023 Jul	-1.0	-0.2	-1.2	0.6	-1.1	0.5	-3.5	-1.0	-0.8	-1.8	-0.2
2023 Aug	-0.4	2.9	-0.5	0.7	-1.6	3.5	-2.7	-0.9	-0.7	-	1.1
2023 Sep	-0.1	-3.0	-0.3	2.9	1.3	-3.4	2.3	0.5	-	-1.5	0.5
2023 Oct	-1.4	-1.7	-1.3	-4.8	0.9	-2.8	-1.5	-1.5	-0.7	-1.8	-2.9
2023 Nov	0.5	0.5	0.8	-0.2	-1.0	1.4	0.2	2.3	0.1	0.1	0.2
2023 Dec	0.6	-1.8	0.8	1.1	-0.4	-1.9	-0.8	1.0	-0.2	1.7	0.5
2024 Jan	-0.2	-1.3	-	0.5	-2.2	0.1	0.6	-1.8	2.6	-1.6	0.1
Percentage change, latest 3 months on same 3 months a year ago²											
2021 Nov	-10.8	-16.4	-7.7	-40.3	2.6	-18.9	-4.8	8.2	-15.5	-12.1	-25.7
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
2022 Feb	-6.6	-14.0	-3.9	-29.2	0.6	-18.5	2.4	7.9	-10.5	-6.8	-18.7
2022 Mar	-5.4	-8.6	-3.5	-25.0	0.8	-12.4	1.6	3.7	-9.3	-4.3	-14.0
2022 Apr	-4.8	-0.4	-3.9	-21.6	1.1	-2.2	-0.6	3.1	-10.0	-4.5	-9.3
2022 May	-4.2	5.0	-3.8	-19.8	1.3	4.8	-1.1	0.5	-8.5	-3.8	-6.8
2022 Jun	-3.5	14.6	-3.9	-16.6	1.4	18.1	-2.4	0.3	-7.5	-4.7	-3.2
2022 Jul	-3.0	14.8	-3.8	-11.6	0.3	18.0	-1.0	-1.2	-6.1	-3.8	-1.3
2022 Aug	-2.8	4.9	-3.6	-4.7	0.1	5.0	1.9	-1.5	-5.4	-3.3	-1.5
2022 Sep	-2.6	-3.5	-3.2	1.3	0.3	-5.9	2.3	-1.9	-4.8	-2.2	-2.1
2022 Oct	-2.1	-9.2	-2.3	4.1	-0.3	-12.3	3.7	-0.9	-2.7	-3.0	-3.3
2022 Nov	-1.9	-4.2	-2.5	4.2	-0.6	-5.1	1.6	-0.3	-1.9	-5.0	-1.4
2022 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	-	-0.7	-6.3	-0.8	-1.4	-0.7	-6.6	-4.1
2023 Feb	-2.5	-11.4	-2.1	-1.4	-1.2	-11.6	-0.1	-1.0	0.9	-6.4	-6.3
2023 Mar	-2.0	-14.4	-1.2	-1.1	-1.0	-14.7	1.1	1.5	2.0	-7.2	-7.2
2023 Apr	-1.5	-14.8	-0.4	-1.0	-1.8	-15.4	3.0	0.6	4.9	-6.9	-7.4
2023 May	-1.4	-16.4	-	-1.4	-2.2	-17.0	4.0	0.7	6.2	-7.3	-7.8
2023 Jun	-0.5	-16.6	1.5	-3.2	-3.5	-18.1	4.5	1.4	8.3	-5.3	-8.5
2023 Jul	0.1	-17.8	2.5	-3.5	-3.4	-19.5	3.2	2.9	9.0	-4.5	-8.6
2023 Aug	1.2	-15.1	3.6	-2.2	-3.8	-16.3	-0.7	4.8	9.3	-3.3	-6.9
2023 Sep	1.1	-14.3	3.2	-0.7	-3.6	-14.7	-2.0	4.4	9.0	-3.9	-5.5
2023 Oct	0.6	-11.5	2.1	-0.4	-2.8	-11.6	-2.0	2.2	8.2	-4.3	-4.2
2023 Nov	0.3	-13.3	1.8	-0.8	-2.2	-14.4	-0.2	1.4	7.9	-4.4	-4.7
2023 Dec	0.1	-11.9	1.6	-2.3	-2.3	-13.1	-1.0	1.5	6.5	-3.7	-4.6
2024 Jan	0.4	-9.3	2.0	-2.6	-4.0	-9.4	-1.2	2.8	6.4	-3.6	-3.5

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

Chained volume indices of gross value added¹

continued

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 3 months on previous 3 months²											
2021 Nov	-1.4	4.9	-1.2	-9.7	-0.8	5.6	-1.9	1.3	-3.5	-0.4	-3.1
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	-	-5.6	0.4	0.5	0.3	-5.2	-1.2	0.9	2.0	-1.8	-2.0
Feb	-	-9.3	0.6	1.3	-	-10.7	0.9	-0.5	2.8	-0.9	-2.8
Mar	0.1	-8.3	0.6	1.5	0.3	-10.0	2.0	-0.9	2.5	-0.4	-1.9
Apr	0.4	-4.4	0.9	0.6	-0.6	-5.2	2.0	-0.5	3.3	-1.0	-0.7
May	0.5	-2.1	0.9	-0.9	-0.6	-1.5	1.5	-0.1	3.3	-1.5	-0.2
Jun	0.9	-0.9	1.7	-2.8	-1.6	-0.4	0.7	0.8	4.2	-0.3	-0.9
Jul	0.9	-1.7	1.8	-3.5	-1.8	-1.6	0.7	2.2	3.1	0.3	-2.0
Aug	1.3	-0.3	2.0	-1.3	-1.8	-0.3	-0.9	2.8	2.8	1.2	-1.1
Sep	0.1	-0.1	0.2	1.7	-1.5	0.4	-2.6	1.3	0.6	-0.8	0.2
Oct	-0.7	-0.3	-1.0	2.0	-0.7	-0.1	-3.4	-0.4	-0.4	-1.9	0.4
Nov	-1.4	-2.1	-1.7	0.1	0.2	-2.4	-1.7	-0.7	-1.2	-3.3	-0.8
Dec	-1.0	-3.0	-0.9	-2.6	0.5	-3.6	-1.1	0.3	-1.0	-2.2	-2.0
2024 Jan	-0.2	-3.3	0.3	-1.6	-1.0	-2.8	-0.4	1.4	0.3	-1.1	-1.3

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

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	116.7	116.8	82.9	85.1	78.8	128.7
2022 Q4	115.0	127.2	84.4	82.0	80.8	131.1
2023 Q1	115.4	121.3	82.8	85.8	79.9	125.4
Q2	115.8	118.7	83.5	89.9	78.4	128.8
Q3	116.9	115.1	84.1	83.4	79.1	130.7
Q4	118.7	112.1	81.1	81.2	77.9	130.0
2022 Nov	115.6	128.0	84.3	82.6	80.5	124.8
Dec	114.7	127.7	83.3	80.5	78.6	129.5
2023 Jan	115.4	124.0	83.3	83.5	81.7	124.8
Feb	115.6	121.0	82.5	85.0	79.0	122.7
Mar	115.1	118.8	82.7	89.0	79.0	128.8
Apr	114.5	117.3	83.8	90.5	78.3	125.9
May	115.8	117.1	82.4	91.6	77.2	124.8
Jun	117.2	121.7	84.2	87.5	79.6	135.8
Jul	117.1	114.3	85.0	83.8	79.9	131.8
Aug	116.1	114.6	84.8	84.4	78.4	131.3
Sep	117.5	116.4	82.4	81.9	79.1	128.9
Oct	117.6	112.3	81.4	79.6	77.3	124.5
Nov	119.0	112.5	81.6	81.2	78.2	130.7
Dec	119.6	111.6	80.2	82.8	78.3	134.7
2024 Jan	119.2	109.7	81.1	83.5	77.4	127.9
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	-0.2	-8.8	-6.0	-3.1	-9.1	9.9
Percentage change, latest month on same month a year ago[†]						
2021 Nov	9.1	65.4	-0.8	7.4	-12.9	10.9
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	-1.9	-4.8	-9.8	-6.3	-15.4	15.0
Feb	-1.9	-3.5	-11.1	-8.0	-14.3	5.0
Mar	-2.5	-8.6	-10.3	-7.6	-12.9	19.5
Apr	-3.2	-10.8	-7.1	-7.2	-12.6	12.6
May	-2.6	-9.0	-8.6	-5.9	-14.0	8.7
Jun	-0.3	-1.5	-3.6	-2.8	-6.3	17.7
Jul	-0.5	-11.1	-3.9	3.9	-5.4	18.8
Aug	-1.0	-10.4	-1.0	3.1	-9.2	25.6
Sep	2.6	-9.5	-3.1	-	-5.3	5.4
Oct	2.5	-10.9	-4.9	-4.0	-7.1	-10.4
Nov	2.9	-12.1	-3.2	-1.6	-2.9	4.8
Dec	4.3	-12.6	-3.7	2.8	-0.4	4.0
2024 Jan	3.2	-11.5	-2.6	0.1	-5.2	2.5

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[†] 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	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	91.0	91.2	111.6	79.9	90.1	106.7	103.6
2022 Q4	97.4	85.0	108.7	78.2	90.9	94.8	102.9
2023 Q1	97.2	88.6	111.4	76.0	93.4	98.2	103.0
Q2	94.0	90.1	113.5	79.5	92.1	106.5	105.7
Q3	88.4	93.1	111.6	83.4	90.6	110.1	103.4
Q4	84.3	93.2	110.1	80.9	84.2	112.1	102.1
2022 Nov	96.6	85.3	109.1	78.2	90.3	95.1	102.8
Dec	97.5	84.3	109.7	77.5	93.3	95.9	104.3
2023 Jan	99.2	88.5	108.5	79.7	92.4	96.3	102.8
Feb	98.1	88.4	111.6	73.7	94.0	98.3	103.0
Mar	94.1	89.0	114.0	74.5	93.7	100.0	103.2
Apr	93.4	89.3	109.5	78.8	94.6	105.6	106.2
May	92.5	89.6	114.0	77.0	91.0	103.8	104.2
Jun	96.1	91.3	117.0	82.7	90.7	110.2	106.8
Jul	89.5	92.7	113.2	84.2	92.5	108.6	105.3
Aug	89.0	93.5	109.2	82.8	90.5	111.5	102.5
Sep	86.8	93.3	112.3	83.0	88.8	110.2	102.3
Oct	84.6	92.2	109.6	80.4	85.6	110.6	102.7
Nov	83.5	93.0	111.1	80.8	83.5	111.6	101.8
Dec	84.7	94.3	109.7	81.5	83.6	114.1	101.8
2024 Jan	84.0	94.5	110.2	79.4	85.0	116.7	103.7
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	-8.8	3.8	4.2	0.1	-3.9	14.0	1.4
Percentage change, latest month on same month a year ago							
2021 Nov	-4.2	-21.9	-5.8	-43.8	-25.9	-21.1	-2.2
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	-2.1	-2.3	-0.8	-5.6	-9.0	2.6	2.1
Feb	-1.0	-3.0	6.1	-9.8	-3.1	5.1	-0.2
Mar	-6.3	-2.7	7.5	-10.2	-1.3	5.8	0.6
Apr	-7.7	-0.8	6.8	-1.9	1.3	12.0	6.8
May	-11.0	0.8	10.7	-2.2	-5.1	10.1	3.5
Jun	-5.0	4.1	10.6	4.6	-4.3	18.9	4.2
Jul	-10.6	7.2	5.5	7.9	0.4	18.9	3.1
Aug	-10.6	7.3	-2.8	4.0	-1.0	19.6	-1.2
Sep	-11.0	8.3	4.4	5.1	-2.3	20.0	0.2
Oct	-13.8	7.9	2.1	1.7	-3.8	18.5	1.1
Nov	-13.5	9.0	1.8	3.4	-7.6	17.3	-1.0
Dec	-13.2	11.8	-	5.1	-10.4	19.0	-2.4
2024 Jan	-15.4	6.9	1.6	-0.4	-8.0	21.1	0.8

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[†] 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	Nov	0.6	2.4	-2.4	7.6	1.1	-2.3
	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	0.6	-2.9	-	3.7	3.9	-3.6
	Feb	0.1	-2.4	-0.9	1.9	-3.3	-1.7
	Mar	-0.4	-1.9	0.3	4.6	-	5.0
	Apr	-0.5	-1.3	1.3	1.7	-0.9	-2.3
	May	1.2	-0.2	-1.7	1.2	-1.4	-0.9
	Jun	1.2	4.0	2.2	-4.5	3.1	8.8
	Jul	-0.1	-6.1	1.0	-4.2	0.4	-2.9
	Aug	-0.8	0.3	-0.3	0.7	-1.8	-0.4
	Sep	1.2	1.5	-2.7	-3.0	0.9	-1.8
	Oct	0.1	-3.5	-1.2	-2.8	-2.3	-3.4
	Nov	1.2	0.2	0.2	2.1	1.1	5.0
	Dec	0.5	-0.8	-1.6	1.9	0.2	3.0
2024	Jan	-0.4	-1.7	1.1	0.9	-1.1	-5.1
Percentage change, latest 3 months on same 3 months a year ago							
2021	Nov	8.8	73.1	1.5	0.7	-13.5	6.8
	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	-1.6	-3.9	-9.5	-6.6	-14.2	1.3
	Feb	-1.8	-3.2	-10.2	-7.1	-15.2	2.9
	Mar	-2.1	-5.6	-10.4	-7.3	-14.2	13.0
	Apr	-2.5	-7.7	-9.5	-7.6	-13.3	12.2
	May	-2.8	-9.5	-8.7	-6.9	-13.2	13.5
	Jun	-2.1	-7.2	-6.5	-5.3	-11.1	13.0
	Jul	-1.2	-7.3	-5.4	-1.9	-8.7	15.0
	Aug	-0.6	-7.7	-2.9	1.3	-7.0	20.6
	Sep	0.3	-10.3	-2.7	2.3	-6.7	16.0
	Oct	1.3	-10.3	-3.0	-0.3	-7.2	5.2
	Nov	2.7	-10.9	-3.8	-1.9	-5.1	-0.5
	Dec	3.2	-11.9	-3.9	-1.0	-3.5	-0.8
2024	Jan	3.5	-12.1	-3.2	0.4	-2.9	3.8

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

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	Nov	2.4	2.9	7.4	-0.6	9.0	2.9	-0.7
	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	1.7	4.9	-1.0	2.8	-1.0	0.5	-1.4
	Feb	-1.1	-0.1	2.9	-7.5	1.8	2.1	0.1
	Mar	-4.1	0.7	2.1	1.1	-0.3	1.7	0.2
	Apr	-0.7	0.4	-3.9	5.8	0.9	5.6	2.9
	May	-1.0	0.4	4.1	-2.3	-3.7	-1.8	-1.9
	Jun	3.9	1.8	2.6	7.4	-0.4	6.2	2.5
	Jul	-6.8	1.5	-3.2	1.7	1.9	-1.5	-1.4
	Aug	-0.6	0.8	-3.5	-1.6	-2.1	2.7	-2.7
	Sep	-2.5	-0.2	2.8	0.3	-1.9	-1.1	-0.2
	Oct	-2.5	-1.1	-2.4	-3.1	-3.6	0.4	0.4
	Nov	-1.3	0.9	1.4	0.5	-2.5	0.9	-0.9
	Dec	1.3	1.4	-1.3	0.8	0.2	2.3	-
2024	Jan	-0.8	0.3	0.5	-2.6	1.7	2.3	1.8
Percentage change, latest 3 months on same 3 months a year ago								
2021	Nov	-5.6	-23.3	-6.7	-44.5	-23.9	-20.7	-1.4
	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	-4.5	-3.4	0.4	-6.0	-7.8	1.3	2.2
	Feb	-1.7	-3.2	2.0	-8.0	-5.3	2.9	1.9
	Mar	-3.1	-2.7	4.2	-8.5	-4.6	4.5	0.8
	Apr	-5.0	-2.2	6.8	-7.3	-1.1	7.7	2.4
	May	-8.4	-0.9	8.3	-4.8	-1.7	9.3	3.6
	Jun	-8.0	1.3	9.4	0.2	-2.7	13.7	4.8
	Jul	-8.9	4.0	8.9	3.4	-3.0	15.9	3.6
	Aug	-8.7	6.2	4.3	5.5	-1.7	19.1	2.0
	Sep	-10.7	7.6	2.3	5.6	-0.9	19.5	0.7
	Oct	-11.8	7.8	1.2	3.6	-2.3	19.4	-
	Nov	-12.8	8.4	2.8	3.4	-4.5	18.6	0.1
	Dec	-13.5	9.6	1.3	3.4	-7.3	18.3	-0.7
2024	Jan	-14.0	9.2	1.1	2.7	-8.7	19.2	-0.8

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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						
Nov	0.3	5.0	1.8	-6.4	-0.4	3.1
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	-0.2	-0.7	-2.1	-	-4.9	3.6
Feb	0.2	-2.6	-2.3	0.7	-3.2	-2.4
Mar	0.3	-4.7	-1.9	4.7	-1.1	-4.3
Apr	-0.2	-6.0	-0.7	7.3	-1.9	-0.4
May	-0.1	-5.3	-	8.9	-2.0	0.7
Jun	0.4	-2.2	0.7	4.7	-1.9	2.7
Jul	1.4	-1.1	1.0	-0.6	0.1	4.0
Aug	1.5	-0.7	2.0	-5.7	1.4	5.1
Sep	0.9	-3.0	0.7	-7.2	1.0	1.4
Oct	0.3	-2.8	-1.2	-6.5	-0.8	-2.0
Nov	1.0	-2.7	-3.4	-5.1	-1.4	-3.7
Dec	1.6	-2.6	-3.6	-2.6	-1.5	-0.5
2024						
Jan	1.9	-2.7	-2.3	0.7	-0.4	2.2

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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							
Nov	2.5	-4.0	-1.7	-5.0	-4.2	-5.6	-1.1
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	-0.6	-0.2	-	-1.0	1.8	3.2	0.9
Feb	0.9	1.7	1.8	-2.3	3.6	3.6	1.2
Mar	-0.3	4.2	2.5	-2.9	2.7	3.6	0.1
Apr	-2.6	3.3	2.4	-3.5	2.2	5.8	0.8
May	-5.0	2.6	2.3	-0.2	-0.2	6.5	1.1
Jun	-3.2	1.7	1.9	4.7	-1.4	8.5	2.7
Jul	-2.6	2.6	2.7	7.5	-2.9	6.1	1.2
Aug	-1.9	3.6	0.6	8.4	-2.0	6.7	0.3
Sep	-5.9	3.4	-1.7	4.8	-1.7	3.3	-2.3
Oct	-6.4	2.0	-3.8	1.0	-3.4	3.0	-2.8
Nov	-7.2	0.4	-1.9	-2.2	-5.8	0.7	-2.5
Dec	-4.7	-	-1.3	-2.9	-7.0	1.8	-1.2
2024							
Jan	-3.1	1.0	-	-1.9	-4.8	3.0	-

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