

Statistical bulletin

Index of Production, UK: March 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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Next release:
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1 . Main points

- Monthly production output was estimated to have risen by 0.2% in March 2024; this follows a rise of 1.0% in February 2024 (revised down 0.1 percentage point) and a fall of 0.5% in January 2024 (revised down 0.2 percentage points).
- The monthly increase in output for March 2024 resulted from a rise in two of the four production sectors, with the largest contribution from "manufacturing" (0.3%) and a smaller contribution from "mining and quarrying" (1.0%); this was partially offset by falls in "electricity and gas" (0.9%) and "water supply and sewerage" (0.1%).
- Monthly manufacturing output rose by 0.3% in March 2024 and saw a mixed profile of growth at the sub-level, with increases in 5 of its 13 subsectors.
- The largest positive contribution to manufacturing growth in March 2024 came from "manufacture of basic pharmaceutical products and pharmaceutical preparations" (7.6%); the largest negative contribution came from "manufacture of transport equipment" (2.8%).
- The remaining manufacturing sub-industries (excluding basic pharmaceutical products and transport equipment manufacturing) contributed minimally to IoP growth in March 2024.
- Looking at the longer-term profile, quarterly production output for Quarter 1 (Jan to Mar) 2024 rose by 0.8% compared with Quarter 4 (Oct to Dec) 2023, growth came primarily from "manufacturing" (1.4%); partially offset by a fall in "water supply and sewerage" (2.4%).

2 . Index of Production data

[Index of Production time series](#)

Dataset DIOP | Released 10 May 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 10 May 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 10 May 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 10 May 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 10 May 2024

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

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

3 . Measuring the data

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

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

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

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

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

Response rates for March 2024

For March 2024, the response rates were 68.4% based on forms returned. This accounted for 78.2% of total turnover coverage of the sample population. For further information, see our [current and historical Monthly Business Survey \(MBS\) \(production\) 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 our [Uncertainty and how we measure it for our surveys web page](#).

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

Revisions to IoP

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

Table 1: Revisions to month-on-month growth for the Index of Production and its sectors, March 2024 release compared with February 2024 release
Percentage points, January 2024 and February 2024, UK

	Jan-24	Feb-24
IoP	-0.2	-0.1
Section B - Mining and Quarrying	0.0	0.1
Section C - Manufacturing	-0.1	0.0
Section D - Electricity and Gas	-2.9	-0.1
Section E - Water supply and sewerage	0.1	-1.0

Source: Monthly GDP estimate from the Office for National Statistics

Notes

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

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

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

4 . Related links

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

Bulletin | Released 10 May 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: March 2024](#)

Bulletin | Released 10 May 2024

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

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

Bulletin | Released 17 April 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 25 April 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 10 May 2024, ONS website, statistical bulletin, [Index of Production, UK: March 2024](#)

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IOP5 Output of the Production Industries

Chained volume indices of gross value added¹

Seasonally adjusted 2019 = 100

Section	Broad industry groups						Main industrial groupings				
	Production industries	Mining and quarrying	Manufacturing	Electricity, gas, steam and air conditioning	Water supply, sewerage and waste management	Oil and gas extraction	Consumer durables	Consumer non-durables	Capital goods	Intermediate goods	Energy
	B+C+D+E	B	C	D	E	06	MIG-CD	MIG-CND	MIG-CAG	MIG-IG	MIG-NRG
Latest weight	1 000.0	77.3	721.6	110.9	90.2	64.3	66.2	197.8	264.2	243.7	219.2
	K222	K224	K22A	K248	K24C	K226	K24Q	K24R	K24S	K24O	K24T
2019	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2020	102.3	100.1	102.2	105.0	101.6	100.5	101.1	104.7	101.7	102.2	101.7
2021	98.3	76.7	103.8	71.3	106.0	73.5	106.6	113.1	103.3	97.5	77.0
2022	95.0	75.9	100.4	63.4	106.4	72.1	107.3	113.1	97.5	93.3	72.7
2023	94.6	65.5	101.5	62.1	103.9	61.4	107.8	114.6	104.2	88.5	68.0
2023 Q1	94.3	66.2	100.5	63.5	105.9	61.9	108.7	114.1	100.6	89.7	68.8
Q2	95.0	65.8	102.2	61.5	104.1	61.7	109.4	114.5	104.9	89.4	68.1
Q3	95.1	65.9	102.2	62.6	102.8	62.0	106.6	115.0	105.9	88.6	68.2
Q4	94.0	64.1	101.2	60.9	102.8	60.0	106.6	115.0	105.5	86.3	66.8
2024 Q1	94.8	62.8	102.7	61.2	100.4	59.2	108.2	115.3	108.6	86.4	66.7
2023 Jan	94.0	64.7	100.3	63.5	106.2	60.0	106.5	114.3	99.1	90.6	68.2
Feb	94.1	68.0	100.4	62.5	104.7	63.5	109.0	113.1	100.7	89.9	68.6
Mar	94.7	65.9	100.9	64.5	106.9	62.1	110.6	114.7	101.9	88.6	69.5
Apr	94.8	65.9	101.5	63.2	104.9	61.9	106.9	112.9	104.3	89.1	69.0
May	93.9	66.1	100.9	60.1	102.9	62.3	109.4	113.1	103.5	88.4	67.5
Jun	96.4	65.3	104.1	61.3	104.4	61.0	111.8	117.4	107.0	90.8	67.7
Jul	95.4	65.3	102.8	61.7	103.4	61.3	107.7	115.9	106.4	89.2	67.6
Aug	95.0	67.2	102.1	62.2	101.8	63.4	104.7	114.4	105.6	89.1	68.3
Sep	94.8	65.3	101.7	63.9	103.1	61.3	107.3	114.7	105.6	87.6	68.7
Oct	93.5	64.1	100.4	60.8	103.7	59.6	106.3	113.1	105.2	85.7	66.6
Nov	94.0	64.5	101.2	60.7	102.6	60.6	107.3	115.4	105.7	85.6	66.8
Dec	94.6	63.8	102.0	61.4	102.1	59.9	106.3	116.4	105.5	87.4	67.1
2024 Jan	94.1 [†]	62.9 [†]	101.7 [†]	61.2 [†]	99.8 [†]	59.6 [†]	107.5 [†]	113.1 [†]	108.4 [†]	85.9 [†]	66.8 [†]
Feb	95.0	62.4	103.0	61.5	100.7	58.5	108.7	114.9	109.4	86.7	66.7
Mar	95.2	63.0	103.3	60.9	100.6	59.4	108.3	117.9	108.1	86.7	66.6
Percentage change, latest year on previous year											
2019	1.7	1.8	0.5	12.4	0.2	0.8	0.4	2.3	-3.0	4.1	4.8
2020	2.3	0.1	2.2	5.0	1.6	0.5	1.1	4.7	1.7	2.2	1.7
2021	-3.9	-23.4	1.6	-32.1	4.4	-26.8	5.5	8.0	1.5	-4.6	-24.2
2022	-3.4	-1.0	-3.3	-11.2	0.3	-1.9	0.7	-	-5.6	-4.3	-5.6
2023	-0.4	-13.7	1.1	-1.9	-2.3	-14.8	0.4	1.4	6.9	-5.2	-6.5
Percentage change, latest month on same month a year ago											
2022 Jan	-5.9	-13.6	-3.1	-28.8	1.5	-18.4	2.7	4.4	-8.0	-4.3	-18.0
Feb	-5.3	-5.6	-3.5	-24.7	0.5	-8.7	-1.0	5.3	-10.4	-4.8	-13.0
Mar	-5.1	-6.1	-3.8	-21.1	0.3	-9.6	3.2	1.6	-9.6	-3.7	-10.7
Apr	-3.9	12.2	-4.2	-18.8	2.6	14.7	-4.0	2.5	-10.0	-4.9	-3.7
May	-3.6	10.9	-3.5	-19.4	0.9	12.5	-2.3	-2.3	-6.0	-2.8	-5.9
Jun	-2.9	21.3	-4.1	-11.3	0.7	28.4	-1.1	0.9	-6.4	-6.2	0.1
Jul	-2.4	12.9	-3.8	-2.5	-0.8	14.5	0.3	-2.0	-5.9	-2.5	2.2
Aug	-3.1	-14.2	-3.0	0.7	0.3	-18.8	6.5	-3.5	-4.0	-1.1	-6.6
Sep	-2.1	-7.0	-2.9	5.9	1.6	-9.9	0.3	-0.1	-4.7	-3.2	-1.6
Oct	-1.0	-6.1	-1.0	5.7	-2.6	-7.6	4.3	0.8	0.9	-4.7	-1.4
Nov	-2.6	0.8	-3.5	1.0	-0.6	2.9	0.2	-1.6	-1.9	-7.0	-1.0
Dec	-2.8	-6.1	-3.1	0.8	-0.6	-5.3	-0.3	-4.7	0.4	-5.6	-3.1
2023 Jan	-2.5	-15.7	-1.8	-1.5	-0.6	-16.2	-2.4	2.4	-0.5	-7.3	-7.8
Feb	-2.2	-11.7	-1.4	-3.2	-1.6	-12.7	1.6	-0.5	2.8	-6.2	-7.6
Mar	-1.1	-14.9	-0.5	1.8	0.3	-14.7	2.9	2.6	4.0	-8.1	-5.9
Apr	-0.9	-16.4	0.7	-1.5	-3.1	-17.7	2.9	-0.4	8.4	-6.2	-8.5
May	-2.0	-16.6	-0.4	-4.9	-3.2	-17.6	4.6	-0.7	6.6	-7.4	-8.9
Jun	1.5	-15.6	4.0	-3.8	-3.4	-18.0	4.5	4.1	10.4	-2.1	-8.2
Jul	0.9	-19.5	3.5	-2.5	-2.6	-21.7	-0.8	3.3	11.0	-3.7	-8.7
Aug	1.1	-7.9	2.6	-0.8	-4.3	-7.2	-6.8	4.2	7.9	-4.0	-3.6
Sep	1.0	-12.6	2.6	0.6	-2.6	-13.1	0.4	1.8	9.6	-4.1	-4.1
Oct	-0.7	-11.7	0.2	-1.8	-0.4	-13.4	0.2	-3.4	9.0	-5.6	-4.9
Nov	-0.1	-13.4	1.6	-1.9	-3.0	-15.4	-0.2	1.4	7.9	-4.9	-5.3
Dec	0.5	-7.2	2.0	-3.8	-3.3	-8.1	-1.0	1.8	6.0	-2.1	-3.6
2024 Jan	0.1 [†]	-2.8	1.4 [†]	-3.6 [†]	-6.0 [†]	-0.7 [†]	0.9 [†]	-1.1	9.4 [†]	-5.2 [†]	-2.1 [†]
Feb	1.0	-8.2 [†]	2.6	-1.6	-3.8	-7.8	-0.3	1.6 [†]	8.6	-3.6	-2.7
Mar	0.5	-4.5	2.3	-5.6	-5.9	-4.3	-2.1	2.8	6.1	-2.1	-4.2

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											
2022 Jan	-0.3	4.7	-1.0	1.8	0.4	4.1	1.3	-7.0	0.5	3.3	3.0
Feb	-0.3	0.4	-0.4	0.2	-0.3	1.6	-1.7	1.8	-1.6	-1.9	0.3
Mar	-0.3	0.7	-0.3	-1.8	0.1	0.1	0.2	-1.6	-	0.5	-0.5
Apr	-0.2	1.7	-0.7	1.2	1.6	3.4	-3.3	1.4	-1.9	-1.4	2.0
May	0.2	0.5	0.6	-1.6	-1.7	0.4	0.6	0.5	0.9	0.5	-1.7
Jun	-0.9	-2.4	-1.2	0.9	1.7	-1.5	2.3	-1.0	-0.2	-2.8	-0.5
Jul	-0.5	4.9	-0.8	-0.7	-1.8	5.2	1.5	-0.5	-1.1	-0.2	0.5
Aug	-0.6	-10.0	0.2	-1.0	0.2	-12.7	3.5	-2.1	2.2	0.2	-4.3
Sep	-0.1	2.3	-0.4	1.4	-0.5	3.2	-4.8	2.6	-1.6	-1.5	1.0
Oct	0.3	-2.8	1.1	-2.6	-1.6	-2.5	-0.7	3.9	0.2	-0.6	-2.2
Nov	-0.1	2.7	-0.6	-	1.7	4.1	1.3	-2.8	1.5	-0.8	0.7
Dec	0.1	-7.7	0.4	3.1	-0.2	-9.0	-0.2	0.5	1.6	-0.8	-1.3
2023 Jan	-0.1	-6.0	0.3	-0.5	0.5	-7.9	-0.8	-0.1	-0.5	1.5	-2.0
Feb	0.1	5.1	0.1	-1.6	-1.3	5.7	2.4	-1.0	1.7	-0.8	0.5
Mar	0.7	-3.0	0.6	3.3	2.0	-2.1	1.4	1.4	1.2	-1.5	1.4
Apr	0.1	-	0.5	-2.0	-1.9	-0.4	-3.3	-1.6	2.3	0.6	-0.8
May	-0.9	0.3	-0.5	-4.9	-1.8	0.6	2.4	0.1	-0.8	-0.8	-2.1
Jun	2.7	-1.3	3.1	2.1	1.4	-2.1	2.2	3.8	3.4	2.7	0.2
Jul	-1.0	-	-1.3	0.7	-1.0	0.5	-3.7	-1.3	-0.5	-1.8	-0.1
Aug	-0.5	3.1	-0.7	0.7	-1.6	3.5	-2.8	-1.2	-0.7	-0.1	1.1
Sep	-0.2	-3.0	-0.4	2.8	1.3	-3.3	2.5	0.3	-	-1.7	0.5
Oct	-1.4	-1.8	-1.3	-4.9	0.6	-2.8	-0.9	-1.4	-0.4	-2.2	-3.0
Nov	0.5	0.7	0.8	-0.1	-1.0	1.6	0.9	2.1	0.5	-0.1	0.2
Dec	0.6	-1.1	0.8	1.1	-0.5	-1.1	-0.9	0.9	-0.2	2.1	0.6
2024 Jan	-0.5 [†]	-1.5	-0.3 [†]	0.3 [†]	-2.3 [†]	-0.5 [†]	1.1 [†]	-2.9	2.8 [†]	-1.8 [†]	-0.5 [†]
Feb	1.0	-0.7 [†]	1.2	-0.4	0.9	-1.8	1.1	1.7 [†]	1.0	0.9	-0.1
Mar	0.2	1.0	0.3	-0.9	-0.1	1.6	-0.4	2.6	-1.2	-	-0.2
Percentage change, latest 3 months on same 3 months a year ago²											
2022 Jan	-8.3	-17.5	-5.2	-33.4	1.3	-22.2	0.9	9.2	-12.5	-8.9	-22.3
Feb	-6.6	-14.0	-3.9	-29.2	0.6	-18.5	2.4	7.9	-10.5	-6.8	-18.7
Mar	-5.4	-8.6	-3.5	-25.0	0.8	-12.4	1.6	3.7	-9.3	-4.3	-14.0
Apr	-4.8	-0.4	-3.9	-21.6	1.1	-2.2	-0.6	3.1	-10.0	-4.5	-9.3
May	-4.2	5.0	-3.8	-19.8	1.3	4.8	-1.1	0.5	-8.5	-3.8	-6.8
Jun	-3.5	14.6	-3.9	-16.6	1.4	18.1	-2.4	0.3	-7.5	-4.7	-3.2
Jul	-3.0	14.8	-3.8	-11.6	0.3	18.0	-1.0	-1.2	-6.1	-3.8	-1.3
Aug	-2.8	4.9	-3.6	-4.7	0.1	5.0	1.9	-1.5	-5.4	-3.3	-1.5
Sep	-2.6	-3.5	-3.2	1.3	0.3	-5.9	2.3	-1.9	-4.8	-2.2	-2.1
Oct	-2.1	-9.2	-2.3	4.1	-0.3	-12.3	3.7	-0.9	-2.7	-3.0	-3.3
Nov	-1.9	-4.2	-2.5	4.2	-0.6	-5.1	1.6	-0.3	-1.9	-5.0	-1.4
Dec	-2.1	-3.8	-2.5	2.4	-1.3	-3.4	1.3	-1.9	-0.2	-5.8	-1.9
2023 Jan	-2.6	-7.1	-2.8	0.1	-0.6	-6.3	-0.8	-1.4	-0.7	-6.6	-4.0
Feb	-2.5	-11.3	-2.1	-1.3	-0.9	-11.5	-0.4	-1.0	0.9	-6.4	-6.2
Mar	-1.9	-14.1	-1.2	-1.0	-0.6	-14.5	0.7	1.5	2.1	-7.2	-7.1
Apr	-1.4	-14.4	-0.4	-1.0	-1.5	-15.1	2.5	0.6	5.0	-6.8	-7.3
May	-1.4	-16.0	-	-1.5	-2.0	-16.7	3.5	0.5	6.3	-7.2	-7.7
Jun	-0.5	-16.2	1.5	-3.4	-3.2	-17.8	4.0	1.0	8.5	-5.3	-8.5
Jul	0.1	-17.3	2.4	-3.7	-3.1	-19.1	2.8	2.2	9.3	-4.4	-8.6
Aug	1.1	-14.5	3.4	-2.4	-3.4	-16.0	-1.1	3.9	9.8	-3.3	-6.9
Sep	1.0	-13.5	2.9	-0.9	-3.1	-14.3	-2.5	3.1	9.5	-3.9	-5.5
Oct	0.5	-10.7	1.8	-0.7	-2.4	-11.3	-2.2	0.8	8.8	-4.6	-4.2
Nov	0.1	-12.6	1.5	-1.0	-2.0	-14.0	0.1	-0.1	8.8	-4.9	-4.8
Dec	-0.1	-10.8	1.3	-2.5	-2.3	-12.4	-0.3	-0.1	7.6	-4.2	-4.6
2024 Jan	0.2 [†]	-8.0 [†]	1.7	-3.1 [†]	-4.1 [†]	-8.5	-0.1 [†]	0.7	7.7 [†]	-4.1 [†]	-3.7 [†]
Feb	0.5	-6.1	2.0 [†]	-3.0	-4.4	-5.7 [†]	-0.1	0.8 [†]	8.0	-3.6	-2.8
Mar	0.5	-5.2	2.1	-3.6	-5.2	-4.4	-0.5	1.1	8.0	-3.7	-3.0

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

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

IOP5 Output of the Production Industries

continued

Chained volume indices of gross value added¹

Seasonally adjusted 2019 = 100

Section	Broad industry groups						Main industrial groupings				
	Production industries	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											
2022 Jan	0.6	-7.7	0.9	4.6	0.8	-11.4	3.3	1.3	-0.1	2.0	-1.1
Feb	0.6	-1.9	0.2	7.0	0.6	-4.2	2.6	0.2	-	0.6	2.3
Mar	-	3.0	-0.7	5.1	-	2.0	2.2	-4.2	0.3	1.1	3.7
Apr	-0.7	4.3	-1.5	1.6	0.5	5.1	-1.7	-2.5	-2.1	-0.7	2.9
May	-0.7	3.8	-1.2	-0.8	0.5	4.9	-2.5	-1.8	-1.8	-0.5	1.5
Jun	-0.6	1.8	-1.0	-0.7	0.9	3.7	-2.6	0.9	-1.8	-2.3	0.5
Jul	-0.8	1.8	-1.0	-1.0	-0.2	3.4	0.4	-	-0.8	-2.2	-0.7
Aug	-1.3	-1.8	-1.5	-0.5	-0.1	-1.2	3.7	-1.2	-0.2	-3.0	-2.1
Sep	-1.5	-2.8	-1.4	-0.8	-1.4	-3.6	3.9	-1.6	-	-2.3	-2.9
Oct	-1.2	-7.3	-0.7	-1.1	-1.3	-9.0	1.7	0.2	0.4	-2.1	-4.2
Nov	-0.5	-4.2	-	-1.3	-1.5	-4.5	-2.2	2.6	0.1	-2.1	-3.0
Dec	-	-5.7	0.7	-1.0	-0.8	-5.3	-2.1	3.1	1.4	-2.4	-3.0
2023 Jan	0.1	-5.6	0.4	0.6	0.4	-5.3	-1.2	0.9	2.0	-1.8	-1.9
Feb	-	-9.1	0.6	1.3	0.2	-10.6	0.7	-0.5	2.9	-0.9	-2.7
Mar	0.2	-8.0	0.6	1.6	0.7	-9.7	1.6	-0.9	2.6	-0.4	-1.8
Apr	0.5	-3.9	1.0	0.5	-0.4	-4.7	1.6	-0.5	3.5	-0.9	-0.6
May	0.5	-1.7	0.9	-1.0	-0.6	-1.2	1.2	-0.3	3.5	-1.4	-0.2
Jun	0.8	-0.7	1.6	-3.1	-1.7	-0.2	0.6	0.4	4.3	-0.3	-1.0
Jul	0.7	-1.6	1.7	-3.7	-1.8	-1.6	0.7	1.6	3.2	0.3	-2.1
Aug	1.2	-0.1	1.9	-1.4	-1.6	-0.3	-0.8	2.1	3.0	1.1	-1.2
Sep	-	0.2	-	1.7	-1.3	0.5	-2.6	0.5	0.9	-0.9	0.2
Oct	-0.9	-	-1.2	2.0	-0.7	-0.1	-3.2	-1.2	-0.1	-2.2	0.4
Nov	-1.6	-2.0	-1.9	0.1	-0.1	-2.3	-1.0	-1.3	-0.8	-3.7	-0.8
Dec	-1.1	-2.7	-1.0	-2.7	-	-3.2	0.1	-	-0.4	-2.7	-2.0
2024 Jan	-0.2 [†]	-2.7	0.2 [†]	-1.9 [†]	-1.3 [†]	-2.3	0.9 [†]	0.8	1.0	-1.3	-1.4 [†]
Feb	0.5	-2.5	1.1	-0.7	-2.2	-1.9 [†]	0.5	0.3 [†]	2.1 [†]	0.4 [†]	-0.7
Mar	0.8	-2.2	1.4	0.4	-2.4	-1.4	1.4	0.3	3.0	0.2	-0.2

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

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

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

IOP5 Output of the Production Industries

Chained volume indices of gross value added¹

continued

Seasonally adjusted 2019 = 100

Section	Food products, beverages and tobacco	Textiles, wearing apparel and leather products	Wood and paper products and printing	Coke and refined petroleum products	Chemicals and chemical products	Basic pharmaceutical products and preparations
	CA	CB	CC	CD	CE	CF
Latest weight	115.8	23.9	48.0	12.6	44.2	49.8
	K22B	K22P	K22T	K22X	K22Z	K239
2019	100.0	100.0	100.0	100.0	100.0	100.0
2020	103.4	66.7	89.3	85.6	101.9	120.2
2021	114.4	119.2	92.5	82.4	90.8	121.9
2022	116.9	128.0	88.1	87.7	86.7	117.2
2023	115.5	117.3	82.4	84.5	77.9	128.5
2023 Q1	115.2	121.5	83.1	85.5	79.9	125.6
Q2	114.9	119.5	83.6	89.4	78.3	128.6
Q3	115.1	115.6	83.0	82.9	77.8	130.2
Q4	116.6	112.7	79.7	80.2	75.7	129.6
2024 Q1	118.3	108.6	79.9	83.7	75.3	128.2
2023 Jan	115.3	123.6	83.5	83.3	81.6	124.7
Feb	115.4	121.5	82.8	84.7	79.0	123.0
Mar	114.9	119.3	83.1	88.5	79.1	129.1
Apr	113.7	117.8	84.2	90.1	78.3	125.7
May	114.8	117.9	82.6	91.1	77.2	124.6
Jun	116.1	122.7	84.1	87.0	79.3	135.5
Jul	115.7	115.1	84.4	83.4	79.0	131.3
Aug	114.2	115.4	83.6	83.9	77.1	130.9
Sep	115.6	116.5	81.2	81.3	77.3	128.4
Oct	115.8	112.4	80.1	79.1	75.4	124.1
Nov	116.7	113.0	80.0	80.6	76.1	130.3
Dec	117.3	112.6	78.9	80.9	75.6	134.3
2024 Jan	116.9 [†]	110.2 [†]	79.7 [†]	81.2 [†]	74.6 [†]	122.8 [†]
Feb	118.4	109.7	80.4	85.5	75.7	126.0
Mar	119.7	106.0	79.7	84.4	75.7	135.6
Percentage change, latest year on previous year						
2019	0.1	12.5	1.9	-18.7	14.5	5.7
2020	3.4	-33.3	-10.7	-14.4	1.9	20.2
2021	10.7	78.6	3.7	-3.7	-10.9	1.4
2022	2.2	7.4	-4.8	6.4	-4.5	-3.9
2023	-1.3	-8.4	-6.6	-3.7	-10.1	9.7
Percentage change, latest month on same month a year ago						
2022 Jan	10.7	47.0	0.9	16.3	1.0	-9.8
Feb	8.3	34.6	1.2	28.5	-0.4	-1.8
Mar	7.1	22.4	0.9	33.7	1.7	-11.4
Apr	2.2	15.9	-6.3	23.8	-4.1	5.2
May	2.3	6.2	-4.7	14.8	0.1	-11.5
Jun	0.7	-3.0	-4.4	-4.3	-7.1	2.6
Jul	1.2	3.3	-4.3	-7.0	-5.4	-10.1
Aug	1.2	0.1	-5.0	-6.1	-1.6	-13.6
Sep	-1.3	-2.0	-7.1	1.8	-4.1	5.3
Oct	-1.7	-4.6	-9.7	1.0	-7.2	9.1
Nov	-1.5	-5.3	-8.9	-6.5	-11.1	0.3
Dec	-1.5	-1.4	-9.7	-6.8	-15.9	-8.2
2023 Jan	-2.0	-5.1	-9.6	-6.5	-15.5	14.9
Feb	-2.0	-3.1	-10.8	-8.3	-14.3	5.3
Mar	-2.7	-8.2	-9.9	-8.1	-12.8	19.8
Apr	-3.9	-10.4	-6.8	-7.6	-12.5	12.4
May	-3.5	-8.4	-8.4	-6.4	-14.0	8.5
Jun	-1.3	-0.6	-3.7	-3.3	-6.7	17.4
Jul	-1.7	-10.5	-4.7	3.4	-6.5	18.4
Aug	-2.6	-9.7	-2.3	2.5	-10.8	25.1
Sep	0.9	-9.5	-4.6	-0.7	-7.4	5.0
Oct	0.9	-10.8	-6.5	-4.5	-9.4	-10.7
Nov	1.0	-11.7	-5.1	-2.4	-5.5	4.5
Dec	2.3	-11.9	-5.3	0.5	-3.8	3.7
2024 Jan	1.4 [†]	-10.8 [†]	-4.5 [†]	-2.5 [†]	-8.6 [†]	-1.5 [†]
Feb	2.7	-9.7	-2.9	0.9	-4.1	2.5
Mar	4.2	-11.1	-4.0	-4.6	-4.3	5.1

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

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

IOP5 Output of the Production Industries

continued

Chained volume indices of gross value added¹

Seasonally adjusted 2019 = 100

Section	Rubber and plastic products and non-metallic mineral products	Basic metals and metal products	Computer, electronic and optical products	Electrical equipment	Machinery and equipment not elsewhere classified	Transport equipment	Other manufacturing and repair
	CG	CH	CI	CJ	CK	CL	CM
Latest weight	52.4	80.8	50.4	18.4	57.2	101.2	66.8
	K23B	K23G	K23N	K23P	K23R	K23T	K23Z
2019	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2020	100.2	107.6	103.9	135.2	104.7	99.7	98.8
2021	103.8	93.5	106.8	94.1	107.1	100.4	102.8
2022	99.7	87.9	107.1	79.9	93.7	93.7	102.1
2023	90.6	91.6	111.4	79.3	90.3	107.5	104.1
2023 Q1	97.0	88.8	110.8	75.9	93.3	98.5	103.3
Q2	93.9	90.4	112.8	79.3	92.0	107.1	106.2
Q3	88.4	93.6	110.9	83.0	91.0	111.0	103.9
Q4	83.2	93.5	111.0	79.1	85.0	113.3	103.1
2024 Q1	83.2	96.5	112.5	77.5	84.0	119.7	104.6
2023 Jan	99.0	88.5	108.2	79.7	92.3	96.5	103.1
Feb	97.8	88.6	111.0	73.5	94.0	98.7	103.3
Mar	94.1	89.3	113.2	74.4	93.6	100.4	103.5
Apr	93.5	89.7	108.8	78.6	94.4	106.2	106.6
May	92.6	90.0	113.2	76.9	91.0	104.3	104.7
Jun	95.7	91.5	116.5	82.5	90.6	110.9	107.2
Jul	89.5	93.1	112.5	84.0	92.8	109.3	106.1
Aug	89.0	94.0	108.5	82.6	91.0	112.4	102.8
Sep	86.5	93.7	111.8	82.2	89.2	111.2	102.6
Oct	83.5	92.5	109.9	79.5	86.5	111.7	103.1
Nov	82.3	93.1	112.4	79.2	84.2	112.8	103.0
Dec	83.7	95.0	110.8	78.7	84.4	115.5	103.1
2024 Jan	82.8 [†]	95.3 [†]	112.0 [†]	76.2	85.3 [†]	118.5 [†]	104.8 [†]
Feb	83.4	97.5	112.9	76.4	82.6	122.0	104.5
Mar	83.5	96.6	112.7	80.0	84.2	118.6	104.6
Percentage change, latest year on previous year							
2019	1.3	-3.6	0.6	16.3	-8.6	-2.8	-1.2
2020	0.2	7.6	3.9	35.2	4.7	-0.3	-1.2
2021	3.6	-13.1	2.8	-30.4	2.3	0.6	4.0
2022	-3.9	-6.0	0.3	-15.1	-12.5	-6.7	-0.7
2023	-9.1	4.2	4.0	-0.7	-3.6	14.8	1.9
Percentage change, latest month on same month a year ago							
2022 Jan	-3.8	-13.2	2.7	-30.1	-13.1	-12.4	-3.2
Feb	-5.8	-10.1	-4.8	-29.2	-14.7	-15.2	-0.1
Mar	-7.4	-8.5	0.8	-22.7	-18.7	-13.0	1.2
Apr	-4.9	-6.9	-7.3	-22.1	-17.8	-8.7	-3.4
May	0.9	-6.7	-5.1	-19.0	-13.1	-1.9	-3.0
Jun	-2.2	-8.8	-1.7	-11.0	-12.6	-7.2	-1.9
Jul	-0.9	-2.9	1.4	-9.3	-10.6	-8.3	-2.5
Aug	-1.0	-1.5	6.9	-3.0	-12.0	-7.7	2.3
Sep	-4.7	-1.7	2.4	-3.1	-16.1	-4.8	-0.2
Oct	-5.4	-1.0	7.0	-3.0	-4.0	1.4	-1.3
Nov	-9.2	-3.9	1.2	-3.6	-10.6	0.3	0.6
Dec	-2.0	-4.1	0.8	-8.7	-3.5	0.9	4.0
2023 Jan	-2.3	-2.4	-1.1	-5.6	-9.1	2.8	2.4
Feb	-1.3	-2.8	5.5	-10.0	-3.1	5.5	0.1
Mar	-6.3	-2.4	6.8	-10.4	-1.4	6.3	0.9
Apr	-7.7	-0.4	6.1	-2.2	1.2	12.6	7.2
May	-11.0	1.2	9.9	-2.4	-5.1	10.6	4.0
Jun	-5.4	4.3	10.2	4.3	-4.4	19.6	4.6
Jul	-10.6	7.7	4.8	7.6	0.8	19.7	3.9
Aug	-10.5	7.9	-3.5	3.7	-0.5	20.6	-0.9
Sep	-11.2	8.8	4.0	4.1	-1.8	21.0	0.6
Oct	-14.9	8.2	2.4	0.6	-2.8	19.6	1.6
Nov	-14.8	9.2	3.1	1.4	-6.8	18.6	0.2
Dec	-14.2	12.7	1.0	1.5	-9.6	20.4	-1.2
2024 Jan	-16.3 [†]	7.7 [†]	3.4 [†]	-4.4	-7.5 [†]	22.8 [†]	1.6 [†]
Feb	-14.8	10.1	1.7	3.9	-12.2	23.6	1.2
Mar	-11.3	8.2	-0.5	7.5	-10.1	18.1	1.0

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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

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 month on previous month

2022	Jan	1.1	0.6	0.1	3.1	3.3	-23.1
	Feb	-	-3.8	0.5	3.7	-4.5	7.6
	Mar	0.3	3.6	-0.6	4.2	-1.6	-7.7
	Apr	0.2	1.2	-2.2	1.2	-1.2	3.7
	May	0.6	-2.1	-0.1	-0.2	0.3	2.7
	Jun	-1.1	-4.0	-3.2	-7.5	-5.4	0.5
	Jul	0.1	4.1	1.4	-10.3	-0.6	-3.9
	Aug	-0.4	-0.5	-3.3	1.4	2.3	-5.7
	Sep	-2.4	0.6	-0.6	-	-3.3	17.0
	Oct	0.2	-2.0	0.6	1.2	-0.5	13.6
	Nov	0.8	1.6	-1.6	-0.4	-3.2	-10.2
	Dec	-0.8	-0.2	-1.2	-2.5	-2.4	3.8
2023	Jan	0.5	-3.2	0.2	3.5	3.8	-3.7
	Feb	0.1	-1.7	-0.8	1.7	-3.2	-1.4
	Mar	-0.4	-1.8	0.4	4.5	0.2	5.0
	Apr	-1.0	-1.3	1.3	1.8	-0.9	-2.6
	May	0.9	0.1	-1.9	1.2	-1.4	-0.8
	Jun	1.2	4.1	1.8	-4.5	2.7	8.7
	Jul	-0.4	-6.3	0.3	-4.2	-0.4	-3.1
	Aug	-1.3	0.3	-0.9	0.6	-2.4	-0.4
	Sep	1.2	0.9	-2.9	-3.1	0.4	-1.9
	Oct	0.2	-3.5	-1.3	-2.7	-2.5	-3.4
	Nov	0.8	0.5	-0.2	1.9	0.9	5.0
	Dec	0.5	-0.4	-1.3	0.3	-0.6	3.1
2024	Jan	-0.3 ^T	-2.1 ^T	1.1 ^T	0.4 ^T	-1.4 ^T	-8.5 ^T
	Feb	1.3	-0.5	0.8	5.3	1.5	2.6
	Mar	1.1	-3.4	-0.8	-1.3	-	7.6

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

2022	Jan	9.4	53.1	-0.3	9.5	-5.6	9.0
	Feb	9.1	43.0	0.4	16.2	-1.2	4.7
	Mar	8.7	33.9	1.0	26.0	0.8	-7.7
	Apr	5.8	23.7	-1.5	28.5	-1.0	-3.0
	May	3.8	14.5	-3.4	23.6	-0.8	-6.5
	Jun	1.7	6.0	-5.1	10.6	-3.7	-1.8
	Jul	1.4	2.1	-4.5	0.9	-4.2	-6.7
	Aug	1.0	0.1	-4.6	-5.8	-4.7	-7.3
	Sep	0.4	0.4	-5.4	-3.9	-3.7	-6.3
	Oct	-0.6	-2.2	-7.3	-1.2	-4.3	0.4
	Nov	-1.5	-4.0	-8.6	-1.4	-7.5	5.0
	Dec	-1.5	-3.8	-9.4	-4.2	-11.5	0.1
2023	Jan	-1.7	-4.0	-9.4	-6.6	-14.2	1.3
	Feb	-1.9	-3.2	-10.0	-7.2	-15.2	2.9
	Mar	-2.3	-5.5	-10.1	-7.7	-14.2	13.1
	Apr	-2.9	-7.3	-9.2	-8.0	-13.2	12.3
	May	-3.4	-9.0	-8.4	-7.4	-13.1	13.4
	Jun	-2.9	-6.6	-6.3	-5.8	-11.2	12.8
	Jul	-2.2	-6.6	-5.6	-2.4	-9.2	14.7
	Aug	-1.9	-7.0	-3.6	0.7	-8.0	20.2
	Sep	-1.2	-9.9	-3.9	1.7	-8.3	15.6
	Oct	-0.3	-10.0	-4.5	-0.9	-9.2	4.8
	Nov	0.9	-10.6	-5.4	-2.5	-7.5	-0.8
	Dec	1.4	-11.5	-5.6	-2.2	-6.3	-1.1
2024	Jan	1.5	-11.5 ^T	-5.0 ^T	-1.5 ^T	-6.0	2.2
	Feb	2.1 ^T	-10.8	-4.2	-0.4	-5.5 ^T	1.6 ^T
	Mar	2.7	-10.6	-3.8	-2.1	-5.7	2.0

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

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

IOP5 Output of the Production Industries

continued

Chained volume indices of gross value added¹

Seasonally adjusted 2019 = 100

Section	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

2022	Jan	1.9	3.0	0.5	-0.6	5.0	-1.2	0.5
	Feb	-2.2	0.6	-3.8	-3.2	-4.5	-0.4	2.4
	Mar	1.3	0.3	0.7	1.5	-2.1	1.0	-0.6
	Apr	0.9	-1.6	-3.3	-3.2	-1.7	-0.2	-3.0
	May	2.7	-1.2	0.5	-1.9	2.8	-0.1	1.2
	Jun	-2.8	-1.4	2.6	0.4	-1.2	-1.6	1.7
	Jul	-1.0	-1.4	1.5	-1.3	-2.9	-1.5	-0.3
	Aug	-0.6	0.7	4.7	2.0	-0.7	2.0	1.6
	Sep	-2.0	-1.1	-4.3	-0.8	-0.7	-1.4	-1.7
	Oct	0.8	-0.8	-0.1	0.1	-2.0	1.7	-0.5
	Nov	-1.6	-0.1	1.6	-1.1	1.5	1.9	1.2
	Dec	1.0	-1.1	0.5	-0.8	3.3	0.8	1.4
2023	Jan	1.5	4.9	-1.3	2.8	-1.1	0.7	-1.1
	Feb	-1.2	0.1	2.5	-7.7	1.9	2.3	0.1
	Mar	-3.9	0.8	2.0	1.1	-0.4	1.8	0.2
	Apr	-0.6	0.4	-3.9	5.7	0.9	5.7	3.0
	May	-0.9	0.4	4.1	-2.2	-3.7	-1.8	-1.8
	Jun	3.3	1.6	2.9	7.4	-0.4	6.3	2.4
	Jul	-6.4	1.8	-3.5	1.8	2.4	-1.4	-1.0
	Aug	-0.6	0.9	-3.6	-1.7	-1.9	2.8	-3.1
	Sep	-2.8	-0.3	3.1	-0.5	-1.9	-1.1	-0.2
	Oct	-3.5	-1.3	-1.7	-3.3	-3.0	0.5	0.5
	Nov	-1.4	0.7	2.3	-0.3	-2.6	1.0	-0.2
	Dec	1.7	2.1	-1.5	-0.7	0.2	2.4	0.1
2024	Jan	-1.0 [†]	0.3 [†]	1.1 [†]	-3.2	1.2 [†]	2.7 [†]	1.7 [†]
	Feb	0.7	2.3	0.8	0.3	-3.3	2.9	-0.2
	Mar	0.1	-0.9	-0.1	4.6	1.9	-2.8	-

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

2022	Jan	-5.7	-19.5	1.4	-34.7	-23.6	-16.8	-2.8
	Feb	-6.3	-15.6	1.8	-29.2	-20.0	-14.7	-2.2
	Mar	-5.7	-10.6	-0.5	-27.5	-15.5	-13.5	-0.7
	Apr	-6.1	-8.5	-3.9	-24.8	-17.1	-12.4	-0.8
	May	-3.9	-7.4	-4.0	-21.3	-16.6	-8.1	-1.8
	Jun	-2.1	-7.5	-4.7	-17.6	-14.5	-6.0	-2.8
	Jul	-0.7	-6.2	-1.8	-13.3	-12.1	-5.8	-2.5
	Aug	-1.4	-4.5	2.2	-7.9	-11.7	-7.7	-0.8
	Sep	-2.2	-2.0	3.5	-5.2	-13.0	-7.0	-0.2
	Oct	-3.7	-1.4	5.4	-3.1	-11.0	-3.8	0.2
	Nov	-6.5	-2.2	3.5	-3.2	-10.6	-1.1	-0.3
	Dec	-5.6	-3.0	2.9	-5.1	-6.1	0.8	1.1
2023	Jan	-4.6	-3.4	0.3	-6.0	-7.8	1.3	2.3
	Feb	-1.9	-3.1	1.7	-8.1	-5.3	3.0	2.1
	Mar	-3.3	-2.5	3.7	-8.6	-4.6	4.9	1.1
	Apr	-5.1	-1.9	6.1	-7.6	-1.1	8.1	2.7
	May	-8.4	-0.5	7.6	-5.1	-1.8	9.8	4.0
	Jun	-8.0	1.7	8.8	-0.1	-2.8	14.2	5.2
	Jul	-9.0	4.4	8.3	3.2	-3.0	16.6	4.2
	Aug	-8.8	6.6	3.7	5.2	-1.4	20.0	2.6
	Sep	-10.7	8.1	1.7	5.1	-0.5	20.5	1.2
	Oct	-12.2	8.3	0.9	2.8	-1.7	20.4	0.4
	Nov	-13.6	8.7	3.1	2.0	-3.8	19.7	0.8
	Dec	-14.6	10.0	2.1	1.1	-6.4	19.5	0.2
2024	Jan	-15.1	9.8 [†]	2.5 [†]	-0.5	-8.0 [†]	20.6 [†]	0.2 [†]
	Feb	-15.1 [†]	10.1	2.0	0.2 [†]	-9.8	22.3	0.5
	Mar	-14.2	8.7	1.5	2.2	-10.0	21.5	1.3

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

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

IOP5 Output of the Production Industries

continued

Chained volume indices of gross value added¹

Seasonally adjusted 2019 = 100

Section	Food products, beverages and tobacco	Textiles, wearing apparel and leather products	Wood and paper products and printing	Coke and refined petroleum products	Chemicals and chemical products	Basic pharmaceutical products and preparations	
	CA	CB	CC	CD	CE	CF	
Latest weight	115.8	23.9	48.0	12.6	44.2	49.8	
	K22B	K22P	K22T	K22X	K22Z	K239	
Percentage change, latest 3 months on previous 3 months							
2022	Jan	0.8	1.0	0.2	5.7	6.1	2.6
	Feb	0.5	-3.3	-0.5	6.8	5.5	-0.4
	Mar	0.9	-2.8	-0.8	8.2	2.1	-15.2
	Apr	0.8	-2.1	-0.7	8.5	-2.9	-10.1
	May	1.0	1.3	-1.7	8.7	-4.3	-8.7
	Jun	0.4	-0.5	-3.5	2.5	-5.4	2.7
	Jul	-	-1.6	-3.4	-6.4	-4.9	1.4
	Aug	-0.8	-2.6	-4.1	-13.2	-5.3	-1.1
	Sep	-1.5	0.3	-3.2	-14.2	-3.8	-1.2
	Oct	-2.2	0.5	-3.6	-8.0	-2.3	7.3
	Nov	-2.2	0.7	-2.5	-2.1	-3.3	16.7
	Dec	-1.3	-0.9	-2.3	0.6	-4.8	16.4
2023	Jan	-0.3	-0.8	-2.1	-0.1	-4.9	3.6
	Feb	0.1	-2.6	-2.1	0.5	-3.3	-2.3
	Mar	0.1	-4.5	-1.5	4.3	-1.1	-4.2
	Apr	-0.5	-5.5	-0.4	6.9	-1.8	-0.3
	May	-0.6	-4.8	0.1	8.5	-1.9	0.6
	Jun	-0.3	-1.6	0.6	4.6	-2.0	2.4
	Jul	0.8	-0.8	0.4	-0.6	-0.4	3.6
	Aug	0.8	-0.5	0.9	-5.7	0.3	4.8
	Sep	0.2	-3.2	-0.7	-7.3	-0.6	1.3
	Oct	-0.3	-3.2	-2.5	-6.6	-2.4	-2.0
	Nov	0.6	-3.2	-4.3	-5.2	-2.8	-3.7
	Dec	1.3	-2.6	-4.1	-3.3	-2.7	-0.5
2024	Jan	1.6 [†]	-2.5 [†]	-2.6 [†]	-0.7 [†]	-1.5	1.1 [†]
	Feb	1.3	-2.7	-0.9	2.7	-1.2 [†]	0.1
	Mar	1.5	-3.6	0.4	4.4	-0.5	-1.1

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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

Percentage change, latest 3 months on previous 3 months

2022	Jan	0.2	1.9	5.0	2.1	-1.8	-2.0	-1.1
	Feb	-4.0	2.7	3.3	2.8	-2.2	-0.3	-1.0
	Mar	-2.8	3.9	1.2	0.6	1.1	-	0.4
	Apr	-2.1	2.0	-3.8	-2.1	-4.7	-0.5	0.7
	May	1.9	0.3	-3.7	-3.5	-3.8	0.2	-0.5
	Jun	1.8	-2.4	-2.9	-4.3	-3.3	-0.3	-1.3
	Jul	1.5	-3.5	0.7	-3.7	-0.9	-1.5	-
	Aug	-1.6	-3.4	4.5	-2.2	-2.1	-2.1	1.8
	Sep	-3.0	-2.6	5.1	-0.6	-3.4	-1.7	1.7
	Oct	-3.3	-1.7	3.5	0.8	-4.1	0.1	0.7
	Nov	-2.8	-1.7	-0.5	-0.2	-2.9	1.2	-0.6
	Dec	-1.6	-1.8	-0.3	-0.8	-0.6	2.9	0.2
2023	Jan	-0.7	-0.2	-	-1.0	1.8	3.3	1.0
	Feb	0.7	1.8	1.5	-2.4	3.5	3.8	1.4
	Mar	-0.5	4.4	1.9	-3.1	2.7	4.0	0.4
	Apr	-2.6	3.6	1.8	-3.8	2.2	6.2	1.0
	May	-4.8	2.9	1.9	-0.4	-0.2	6.8	1.3
	Jun	-3.1	1.8	1.8	4.6	-1.4	8.7	2.8
	Jul	-2.6	2.7	2.8	7.5	-2.7	6.3	1.5
	Aug	-2.1	3.6	0.7	8.4	-1.7	7.0	0.4
	Sep	-5.9	3.6	-1.7	4.6	-1.1	3.6	-2.2
	Oct	-6.7	2.0	-3.5	0.4	-2.8	3.3	-3.0
	Nov	-8.0	0.3	-1.0	-3.3	-5.3	0.9	-2.4
	Dec	-5.9	-0.1	0.1	-4.6	-6.5	2.1	-0.8
2024	Jan	-3.9	1.2 [†]	1.5 [†]	-4.2	-4.8 [†]	3.4	0.7 [†]
	Feb	-1.0 [†]	3.1	0.5	-4.0	-2.9	6.1 [†]	1.2
	Mar	0.1	3.1	1.3	-2.1	-1.2	5.7	1.5

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