

Statistical bulletin

Index of Production, UK: July 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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Release date:
11 September 2024

Next release:
11 October 2024

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1 . Main points

- Monthly production output was estimated to have decreased by 0.8% in July 2024; this follows a 0.8% increase in June 2024.
- The monthly output decrease in July 2024 resulted primarily from a decrease of 1.0% in “manufacturing”, supported by smaller contributing decreases in “electricity and gas” (down 1.7%) and “water supply and sewerage” (down 0.7%); these rises were partially offset by a rise in “mining and quarrying” (3.9%).
- The monthly reduction in manufacturing output in July 2024 saw decreases in 7 of its 13 subsectors and only one subsector increasing by more than 1%.
- The largest negative contributions to manufacturing output in July 2024 came from the “manufacture of transport equipment” and “manufacture of machinery and equipment”; these decreased by 2.3% and 4.7%, respectively.
- The largest positive contribution to manufacturing growth in July 2024 came from “manufacture of wood and paper products and printing”, which increased by 1.6%.
- Production output for the three months to July 2024 was estimated to have decreased by 0.1% compared with the three months to April 2024; weakness in “manufacturing” (down 0.3%) and “mining and quarrying” (down 1.4%) was partially offset by strength in “electricity and gas” (2.1%) and “water supply and sewerage” (0.9%).

2 . Data on the Index of Production

[Index of Production time series](#)

Dataset DIOP | Released 11 September 2024

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

[Output of the production industries](#)

Dataset | Released 11 September 2024

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

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

Dataset | Released 11 September 2024

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

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

Dataset | Released 11 September 2024

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

[Export proportions for manufacturing industries](#)

Dataset | Released 11 September 2024

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

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

3 . Data sources and quality

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

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

The MBS is fully online. Business owners can log on from any location and submit their data at an appropriate time.

From January 2018, Value Added Tax (VAT) data have also been included across 64 production industries for small- and medium-sized businesses.

More information is available in our [VAT turnover data in National Accounts: background and methodology article](#).

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

Response rates for July 2024

For July 2024, MBS response rates were 75.8%, based on forms returned. This accounted for 83.9% of total turnover coverage of the sample population. For further information, see our [current and historical MBS \(production\) response rates dataset](#).

Quality and methodology

The data reported in IoP bulletins and datasets are estimates that are subject to uncertainty, such as sampling variability and non-sampling error. More information is available on Section 2 of our [Uncertainty and how we measure it for our surveys web page](#).

More quality and methodology information (QMI) on strengths, limitations, appropriate uses, and how the data were created is available in our [Index of Production, UK QMI](#). This was last updated on 7 June 2024.

Accredited official statistics

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

Revisions to Index of Production

In line with the [National Accounts Revisions Policy](#), this release provides data for July 2024 for the first time, with no other periods open for revision.

Blue Book 2024 publication update

The 2024 UK Annual National Accounts, also known as Blue Book 2024, incorporate several methodological changes focused on data for recent years, along with the addition of more recent survey and administrative information.

On 7 August, we published our [Blue Book 2024: advanced aggregate estimates article](#) to give users details of the impact of the 2024 UK National Accounts update on current price and chained volumes measure estimates of GDP from 1997 to 2022.

This article provides estimates for 2022 for the first time, using the supply and use tables (SUTs) framework, as well as improving the estimates for 2020 and 2021 with more recent data. We have also updated the base year to 2022, after holding this fixed since the start of the coronavirus (COVID-19) pandemic.

The next Quarterly National Accounts release on 30 September 2024 will incorporate these revisions in our official estimates in line with our [National Accounts Revisions Policy](#).

These revisions will then be incorporated into our IoP estimates in our release on 11 October 2024.

Until the Blue Book 2024 data are incorporated into our IoP estimates, our monthly GDP estimates will continue to have a reference and base year of 2019.

4 . Related links

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

Bulletin | Released 11 September 2024

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

[GDP first quarterly estimate, UK: April to June 2024](#)

Bulletin | Released 15 August 2024

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: July 2024](#)

Bulletin | Released 11 September 2024

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

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

Bulletin | Released 14 August 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 August 2024

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

5 . Cite this statistical bulletin

Office for National Statistics (ONS), released 11 September 2024, ONS website, statistical bulletin, [Index of Production, UK: July 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 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	68.8	
2024 Q1	94.6	62.7	102.3	61.8	100.5	59.2	107.6	115.3	107.8	86.3	67.1	
Q2	94.5	62.2	101.6	63.4	102.7	58.5	106.5	114.8	107.2	85.7	67.4	
2023 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	93.9	62.8	101.5	61.2	99.9	59.5	107.4	113.2	107.9	85.7	66.9	
Feb	94.8	62.4	102.6	61.9	100.8	58.5	108.2	114.9	108.8	86.4	67.0	
Mar	95.0	63.0	102.7	62.3	100.9	59.4	107.1	117.8	106.6	86.7	67.4	
Apr	94.0	63.4	101.0	62.6	102.8	60.0	106.6	113.9	106.7	85.2	67.4	
May	94.3	62.9	101.4	63.3	102.6	59.3	105.9	115.2	106.6	85.3	67.4	
Jun	95.0	60.4	102.5	64.3	102.7	56.1	106.9	115.2	108.2	86.8	67.4	
Jul	94.3	62.8	101.5	63.2	102.0	58.6	105.2	115.5	106.2	86.2	67.1	
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 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	0.6	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	-2.9	1.2	-3.6	-5.9	-0.8	0.8	-1.0	9.0	-5.4	-1.9	
Feb	0.8	-8.2	2.2	-0.8	-3.8	-7.8	-0.8	1.6	8.0	-3.9	-2.3	
Mar	0.3	-4.5	1.7	-3.4	-5.6	-4.4	-3.1	2.7	4.6	-2.1	-3.1	
Apr	-0.8	-3.8	-0.4	-0.9	-1.9	-3.1	-0.3	0.9	2.4	-4.4	-2.3	
May	0.4	-4.8	0.4	5.3	-0.4	-4.9	-3.2	1.9	3.0	-3.5	-0.1	
Jun	-1.4	-7.5	-1.5	4.8	-1.6	-8.0	-4.4	-1.9	1.2	-4.4	-0.5	
Jul	-1.2	-3.8	-1.3	2.3	-1.3	-4.4	-2.3	-0.3	-0.2	-3.3	-0.8	

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

		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
Section		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	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	-0.7	-1.6	-0.5	-0.2	-2.2	-0.6	1.0	-2.8	2.3	-2.0	-0.4
	Feb	1.0	-0.7	1.1	1.1	0.9	-1.7	0.7	1.5	0.8	0.8	0.2
	Mar	0.2	1.0	0.1	0.6	0.1	1.6	-1.0	2.6	-2.0	0.4	0.5
	Apr	-1.0	0.7	-1.6	0.5	1.9	1.0	-0.5	-3.3	0.1	-1.8	-
	May	0.3	-0.8	0.3	1.0	-0.3	-1.3	-0.6	1.1	-0.1	0.1	-
	Jun	0.8	-4.0	1.1	1.6	0.2	-5.3	0.9	-	1.6	1.7	-0.1
	Jul	-0.8	3.9	-1.0	-1.7	-0.7	4.4	-1.5	0.2	-1.9	-0.6	-0.4
Percentage change, latest 3 months on same 3 months a year ago²												
2022	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	0.1	-8.1	1.6	-3.1	-4.1	-8.5	-0.1	0.7	7.6	-4.2	-3.6
	Feb	0.4	-6.2	1.8	-2.7	-4.4	-5.7	-0.3	0.8	7.6	-3.8	-2.6
	Mar	0.3	-5.2	1.7	-2.6	-5.1	-4.4	-1.1	1.1	7.2	-3.8	-2.4
	Apr	0.1	-5.6	1.2	-1.7	-3.8	-5.1	-1.4	1.7	5.0	-3.5	-2.5
	May	-	-4.4	0.6	0.2	-2.7	-4.1	-2.2	1.8	3.3	-3.4	-1.8
	Jun	-0.6	-5.4	-0.5	3.0	-1.3	-5.3	-2.7	0.3	2.2	-4.1	-1.0
	Jul	-0.7	-5.4	-0.8	4.1	-1.1	-5.8	-3.3	-0.1	1.3	-3.8	-0.5

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.

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IOP5 Output of the Production Industries

continued

Chained volume indices of gross value added¹

Seasonally adjusted 2019 = 100

		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
Section		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	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	-0.3	-2.8	0.2	-1.9	-1.3	-2.3	0.8	0.8	0.8	-1.4	-1.4
	Feb	0.4	-2.5	1.0	-0.5	-2.2	-2.0	0.3	0.4	1.8	0.2	-0.5
	Mar	0.6	-2.2	1.1	1.4	-2.2	-1.5	0.9	0.3	2.2	-	0.4
	Apr	0.5	-1.3	0.5	1.9	-	-1.1	0.3	0.5	0.9	-0.2	0.5
	May	-	0.2	-0.3	2.0	1.2	0.4	-0.7	0.7	-0.7	-0.9	0.6
	Jun	-0.1	-0.8	-0.6	2.5	2.2	-1.2	-1.0	-0.4	-0.5	-0.6	0.4
	Jul	-0.1	-1.4	-0.3	2.1	0.9	-2.3	-1.2	-0.2	-0.3	-	-

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

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
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 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	118.4	107.8	79.8	83.8	75.0	127.8
Q2	118.6	100.6	79.6	80.8	76.9	126.4
2023 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	117.0	109.7	79.7	81.2	74.3	122.8
Feb	118.4	109.1	80.2	85.5	75.4	125.8
Mar	119.8	104.6	79.4	84.9	75.3	134.9
Apr	117.3	102.4	79.0	80.3	76.2	126.1
May	119.3	99.8	80.0	79.3	77.0	126.1
Jun	119.3	99.7	80.0	82.6	77.5	126.9
Jul	119.4	100.4	81.3	77.1	77.7	126.9
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	-1.3	-8.4	-6.6	-3.7	-10.1	9.7
Percentage change, latest month on same month a year ago						
2022 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	1.5	-11.2	-4.5	-2.5	-8.9	-1.5
Feb	2.7	-10.2	-3.1	0.9	-4.5	2.3
Mar	4.3	-12.3	-4.5	-4.1	-4.8	4.5
Apr	3.1	-13.0	-6.2	-10.8	-2.7	0.3
May	3.9	-15.4	-3.2	-12.9	-0.3	1.1
Jun	2.7	-18.8	-4.9	-5.1	-2.3	-6.3
Jul	3.2	-12.7	-3.7	-7.5	-1.7	-3.4

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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
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 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	83.0	96.6	111.9	77.2	84.2	118.5	103.6
Q2	81.8	97.1	111.0	74.0	86.3	116.4	102.9
2023 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	82.7	95.3	111.8	76.1	85.5	117.9	104.0
Feb	83.1	97.1	112.3	75.9	82.7	121.4	103.5
Mar	83.2	97.3	111.6	79.6	84.4	116.2	103.3
Apr	81.2	95.8	111.4	74.6	85.4	115.8	102.5
May	81.5	96.4	110.2	72.1	85.1	115.7	103.3
Jun	82.8	99.0	111.6	75.3	88.4	117.5	102.7
Jul	82.1	97.4	110.2	71.0	84.3	114.8	102.9
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 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	-16.5	7.7	3.3	-4.5	-7.4	22.2	0.9
Feb	-15.0	9.6	1.2	3.3	-12.0	23.0	0.2
Mar	-11.5	9.0	-1.4	7.0	-9.9	15.7	-0.2
Apr	-13.1	6.8	2.4	-5.1	-9.6	9.1	-3.8
May	-12.0	7.1	-2.7	-6.1	-6.5	11.0	-1.3
Jun	-13.4	8.2	-4.2	-8.7	-2.5	6.0	-4.2
Jul	-8.3	4.6	-2.0	-15.4	-9.2	5.0	-3.0

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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 month on previous month							
2022	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	-0.2	-2.5	1.1	0.4	-1.7	-8.6
	Feb	1.2	-0.6	0.6	5.2	1.5	2.4
	Mar	1.2	-4.2	-1.0	-0.7	-0.2	7.3
	Apr	-2.2	-2.0	-0.6	-5.4	1.2	-6.5
	May	1.7	-2.6	1.3	-1.2	1.0	-
	Jun	-	-0.1	-	4.2	0.6	0.7
	Jul	0.1	0.7	1.6	-6.7	0.3	-
Percentage change, latest 3 months on same 3 months a year ago							
2022	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	1.6	-11.6	-5.0	-1.5	-6.1	2.2
	Feb	2.1	-11.1	-4.3	-0.4	-5.8	1.5
	Mar	2.8	-11.2	-4.0	-1.9	-6.1	1.8
	Apr	3.4	-11.8	-4.6	-4.8	-4.0	2.4
	May	3.8	-13.6	-4.6	-9.3	-2.6	2.0
	Jun	3.3	-15.8	-4.8	-9.7	-1.8	-1.7
	Jul	3.3	-15.7	-3.9	-8.6	-1.4	-3.0

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

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

IOP5 Output of the Production Industries

continued

Chained volume indices of gross value added¹

Seasonally adjusted 2019 = 100

Section	Rubber and plastic products and non-metallic mineral products	Basic metals and metal products	Computer, electronic and optical products	Electrical equipment	Machinery and equipment not elsewhere classified	Transport equipment	Other manufacturing and repair	
	CG	CH	CI	CJ	CK	CL	CM	
Latest weight	52.4	80.8	50.4	18.4	57.2	101.2	66.8	
	K23B	K23G	K23N	K23P	K23R	K23T	K23Z	
Percentage change, latest month on previous month								
2022	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	-1.3	0.3	0.9	-3.4	1.3	2.1	0.9
	Feb	0.6	1.9	0.5	-0.2	-3.2	3.0	-0.5
	Mar	0.1	0.2	-0.6	4.8	2.0	-4.3	-0.2
	Apr	-2.4	-1.6	-0.2	-6.3	1.2	-0.3	-0.8
	May	0.4	0.7	-1.1	-3.2	-0.4	-0.1	0.8
	Jun	1.6	2.6	1.3	4.4	3.9	1.5	-0.6
	Jul	-0.9	-1.5	-1.2	-5.7	-4.7	-2.3	0.2
Percentage change, latest 3 months on same 3 months a year ago								
2022	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	-15.2	9.8	2.4	-0.6	-7.9	20.4	-0.1
	Feb	-15.2	10.0	1.8	-	-9.7	21.9	-
	Mar	-14.4	8.8	1.0	1.8	-9.8	20.3	0.3
	Apr	-13.3	8.4	0.7	1.6	-10.5	15.8	-1.3
	May	-12.2	7.6	-0.6	-1.5	-8.7	11.9	-1.8
	Jun	-12.9	7.4	-1.6	-6.7	-6.2	8.7	-3.1
	Jul	-11.3	6.6	-3.0	-10.2	-6.1	7.3	-2.9

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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 3 months on previous 3 months							
2022	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	-2.6	-2.6	-0.7	-1.6	1.0
	Feb	1.3	-3.1	-1.0	2.7	-1.5	-
	Mar	1.6	-4.3	0.2	4.5	-0.9	-1.4
	Apr	1.3	-5.7	-	3.3	0.4	-0.2
	May	1.0	-7.4	-0.2	-1.2	1.4	1.1
	Jun	0.2	-6.6	-0.2	-3.7	2.5	-1.1
	Jul	0.7	-5.1	1.1	-4.6	2.3	-1.8

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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

2022	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	-4.0	1.2	1.5	-4.2	-4.7	3.3	0.5	
	Feb	-1.1	2.9	0.2	-4.3	-2.8	5.7	0.6	
	Mar	-0.2	3.2	0.8	-2.5	-1.0	4.6	0.5	
	Apr	-0.5	2.3	0.1	-1.7	-0.6	2.1	-0.2	
	May	-1.4	0.7	-0.5	-1.9	0.9	-2.0	-0.5	
	Jun	-1.4	0.5	-0.8	-4.1	2.5	-1.8	-0.7	
	Jul	-0.4	0.9	-1.0	-5.0	2.0	-1.5	-0.1	

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Next publication: 11th October 2024
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