Office for National Statistics

Statistical bulletin

Index of Production, UK: November 2024

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

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1 . Main points

- Monthly production output was estimated to have decreased by 0.4% in November 2024; this is the third consecutive monthly fall after decreases of 0.3% and 0.6% in September 2024 and October 2024, respectively.

- Monthly production output in November 2024 was at its lowest level since May 2020.

- The fall in monthly output in November 2024 resulted from decreases in "manufacturing" (down 0.3%), "mining and quarrying" (down 1.5%) and "water supply and sewerage" (down 0.3%); these reductions were partially offset by an increase in "electricity and gas" (0.2%).

- The monthly decrease in manufacturing output in November 2024 saw decreases in 7 of its 13 sub-sectors; the largest negative contributions to manufacturing output in November 2024 came from "other manufacturing and repair" (down 2.1%), "basic pharmaceutical products" (down 1.9%) and "transport equipment" (down 0.9%).

- Production output for the three months to November 2024 was estimated to have decreased by 0.7% compared with the three months to August 2024; this is the seventh consecutive three-monthly fall since the three months to April 2024.

- In the three months to November 2024, "manufacturing" (down 1.0%) was the main contributor to the fall: this was partially offset by increases in "electricity and gas" (0.5%) and "mining and quarrying" (0.3%).

2 . Data on the Index of Production

Index of Production time series
Dataset DIOP | Released 16 January 2025
Movements in the volume of production for the UK production industries: manufacturing, mining and quarrying, energy supply, and water and waste management. Figures are seasonally adjusted.

Output of the production industries
Dataset | Released 16 January 2025
Index values and growth rates for production, manufacturing, and the main industrial groupings in the UK.

Index of Production and industry sectors to four decimal places
Dataset | Released 16 January 2025
Monthly index values for production and the main Index of Production sectors in the UK to four decimal places.

Monthly Business Survey turnover in production industries
Dataset | Released 16 January 2025
Monthly Business Survey production industries' total turnover, domestic sales and exports in the UK. Figures are in current price and are non-seasonally adjusted.

Export proportions for manufacturing industries
Dataset | Released 16 January 2025
Monthly, quarterly, and annual export data for the manufacturing industries, collected by the Monthly Business Survey at industry level in the UK.

All data related to the Index of Production (IoP) are available on ourRelated 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 November 2024

For November 2024, MBS response rates were 73.4%, based on forms returned. This accounted for 83.4% of total turnover coverage of the sample population. For further information, see our current and historical MBS (production) response rates dataset.

Quality and methodology

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

More quality and methodology information (QMI) on strengths, limitations, appropriate uses, and how the data were created is available in our Index of Production, UK QMI. 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 Revision Policy](#), this release gives data for November 2024, with October 2024 also open for revision.

We have also included revisions to the monthly data from January 2023 to September 2024 as a result of revisions incorporated in the [GDP quarterly National Accounts, UK: July to September 2024 bulletin](#) published on 23 December 2024.

Table 1: Revisions to month-on-month growth for IoP and its sectors, November 2024 compared with October 2024

Percentage growth, October 2024, UK

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

Source: Monthly GDP estimate from 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.

4 . Related links

GDP monthly estimate, UK: November 2024
Bulletin | Released 16 January 2025
Gross domestic product (GDP) measures the value of goods and services produced in the UK. It estimates the size of, and growth in, the economy.

GDP quarterly national accounts, UK: July to September 2024
Bulletin | Released 23 December 2024
Revised quarterly estimate of gross domestic product (GDP) for the UK. Uses additional data to provide a more precise indication of economic growth than the first estimate.

Index of Services, UK: November 2024
Bulletin | Released 16 January 2025
Movements in the volume of output for the UK services industries. Figures are seasonally adjusted.

Producer price inflation, UK: December 2024 including services, October to December 2024
Bulletin | Released 15 January 2025
Changes in the prices of goods bought and sold by UK manufacturers including price indices of materials and fuels purchased (input prices) and factory gate prices (output prices). Also including quarterly estimates monitoring the changes in prices charged for services provided to UK-based customers for a range of industries.

UK manufacturers' sales by product: 2023 results
Bulletin | Released 19 September 2024
Annual estimates for UK manufacturers' sales by product covered by the ProdCom survey.

Energy Trends and Prices: monthly data
Web page | Last updated 19 December 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 16 January 2025, ONS website, statistical bulletin, Index of Production, UK: November 2024.

Index of Production
Release Tables

Pages 2-11   Table IoP5, index values and growth rates for industry groups and manufacturing sub-sectors

Output of the Production Industries, November 2024

IOP5 Output of the Production Industries
Chained volume indices of gross value added[1]

	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	136.7	688.9	83.6	90.8	123.2	61.9	189.2	246.5	235.2	246.3
	K222	K224	K22A	K248	K24C	K226	K24Q	K24R	K24S	K24O	K24T
2019	104.6	124.0	101.8	132.7	93.8	130.9	95.9	95.9	98.9	111.8	121.7
2020	107.5	125.1	104.0	144.8	95.1	131.6	96.7	98.7	100.1	116.6	126.9
2021	106.8	103.5	108.0	108.6	100.4	101.4	104.9	105.1	107.1	113.7	103.2
2022	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2023	99.1 T	87.3 T	101.0 T	104.8 T	97.0 T	87.5 T	97.7 T	102.8 T	106.8	93.6 T	94.6 T
2023 Q3	99.7 T	87.9	101.8 T	105.5 T	96.1 T	88.2	96.7 T	103.5 T	108.7 T	93.6 T	95.1 T
Q4	98.2	85.8 T	100.6	102.1	95.6	86.1 T	94.9	103.1	107.4	91.6	93.0
2024 Q1	98.2	82.9	101.2	103.7	93.3	83.4	93.4	102.9	108.6	92.0	92.2
Q2	97.7	81.7	100.4	104.9	95.3	81.9	93.0	102.9	107.3	91.2	91.7
Q3	97.4	81.4	100.3	102.7	94.1	81.6	93.5	103.1	106.8	91.6	90.8
2023 Sep	99.3 T	86.7 T	101.2 T	106.5 T	96.5	87.0 T	96.8 T	103.0 T	108.2 T	92.7 T	94.9
Oct	97.9	85.8	100.0	101.8	96.7	85.8	95.4	101.3	107.7	91.1	92.7 T
Nov	98.2	86.5	100.4	101.6	95.4 T	86.8	95.7	103.5	107.5	90.9	93.1
Dec	98.7	85.2	101.3	103.0	94.7	85.6	93.6	104.6	107.1	92.8	93.1
2024 Jan	97.6	83.5	100.4	102.6	93.0	84.2	93.7	100.5	109.2	91.2	92.3
Feb	98.3	82.3	101.4	103.9	93.7	82.6	93.6	102.4	109.4	92.2	92.0
Mar	98.6	83.0	101.7	104.5	93.3	83.3	92.8	105.7	107.4	92.6	92.5
Apr	97.8	83.7	99.9	106.0	95.4	84.2	92.9	102.2	107.2	90.6	93.2
May	97.5	82.5	99.9	104.4	95.3	82.9	92.5	103.3	106.6	90.4	91.9
Jun	97.9	78.9	101.2	104.2	95.2	78.7	93.7	103.2	108.2	92.5	90.1
Jul	97.1	82.7	99.8	102.3	93.7	82.8	92.4	102.9	105.8	91.3	91.1
Aug	97.6	79.1	101.0	103.3	94.7	79.1	94.0	103.7	107.7	92.4	90.0
Sep	97.3	82.5	100.1	102.6	93.9	82.9	94.0	102.7	106.9	91.3	91.4
Oct	96.8	80.1	99.5	104.2	94.4	80.0	95.7	101.3	106.6	91.4	90.3
Nov	96.4	78.9	99.2	104.4	94.1	78.5	97.9	100.2	106.0	91.7	90.0

Percentage change, latest year on previous year

2019	1.8	2.0	0.4	13.0	0.2	1.1	0.3	2.2	-3.0	4.1	5.2
2020	2.8	0.8	2.2	9.2	1.4	0.6	0.9	2.9	1.2	4.3	4.2
2021	-0.7	-17.3	3.8	-25.0	5.6	-22.9	8.5	6.5	7.0	-2.5	-18.7
2022	-6.4	-3.3	-7.4	-7.9	-0.4	-1.4	-4.7	-4.9	-6.6	-12.1	-3.1
2023	-0.9 T	-12.7 T	1.0 T	4.8 T	-3.0 T	-12.5 T	-2.3 T	2.8 T	6.8	-6.4 T	-5.4 T

Percentage change, latest month on same month a year ago

2022 Sep	-5.7	-8.9	-7.8	10.5	-0.4	-8.7	-6.6	-5.4	-6.9	-11.7	2.3
Oct	-4.2	-10.0	-5.3	14.5	-3.6	-8.0	-3.1	-4.8	-	-12.2	1.4
Nov	-4.7	-1.8	-6.8	9.8	-2.5	2.3	-6.5	-6.2	-2.7	-12.8	3.8
Dec	-4.4	-7.6	-5.7	14.5	-2.9	-4.2	-6.3	-8.5	0.5	-10.8	1.9
2023 Jan	-3.8 T	-16.7 T	-3.2 T	13.2 T	-2.4	-14.7 T	-7.2	1.0 T	0.1 T	-11.0 T	-4.5 T
Feb	-2.7	-11.6	-2.2	10.0	-2.9 T	-10.4	-2.4 T	-0.6	3.4	-9.4	-3.4
Mar	-1.5	-13.0	-1.1	14.7	-0.7	-11.5	-0.2	3.4	4.3	-10.4	-2.7
Apr	-1.7	-15.5	0.1	7.6	-3.9	-15.4	-0.6	0.3	8.3	-8.3	-7.0
May	-2.5	-14.8	-0.5	2.3	-3.8	-14.7	2.3	0.9	6.6	-8.8	-7.5
Jun	1.0	-14.1	4.3	4.0	-4.0	-15.2	2.9	6.9	10.4	-3.5	-7.0
Jul	0.6	-18.1	4.0	4.1	-2.7	-19.0	-2.3	6.3	11.0	-4.6	-8.3
Aug	1.1	-6.2	2.9	5.1	-4.3	-5.3	-8.7	6.5	7.8	-4.6	-2.1
Sep	0.6	-11.6	2.9	3.8	-2.0	-11.7	-1.7	3.4	9.2	-4.1	-4.7
Oct	-0.7	-9.8	1.3	-1.2	-1.1	-10.6	-1.2	-0.5	8.9	-4.7	-5.8
Nov	-1.0	-12.2	1.7	-0.9	-3.7	-13.2	-2.8	3.1	6.6	-4.2	-7.0
Dec	-0.1	-6.4	2.1	-3.3	-4.0	-6.8	-4.7	3.2	4.7	-1.4	-4.3
2024 Jan	-0.8	-1.8	0.6	-4.3	-6.3	-0.5	-3.9	-1.1	7.0	-4.9	-1.9
Feb	-0.5	-9.0	1.6	-1.6	-4.3	-8.5	-6.1	1.4	5.6	-2.8	-4.3
Mar	-0.7	-5.9	1.6	-4.4	-6.9	-5.8	-7.9	3.2	2.9	-1.0	-4.3
Apr	-1.8	-4.9	-1.2	-1.1	-2.8	-4.4	-4.8	0.8	0.2	-3.8	-2.9
May	-1.0	-6.9	-0.5	3.4	-1.0	-6.7	-7.4	2.0	0.5	-3.5	-2.4
Jun	-2.9	-9.2	-2.3	-	-2.3	-9.3	-8.5	-2.3	-1.4	-3.4	-4.3
Jul	-3.0	-5.2	-2.6	-2.5	-3.1	-5.3	-6.2	-1.4	-3.3	-3.0	-3.5
Aug	-2.1	-11.8	-0.6	-1.7	-0.6	-12.4	-0.9	0.7	-0.7	-1.6	-6.1
Sep	-1.9	-4.9	-1.1	-3.6	-2.7	-4.6	-2.9	-0.3	-1.2	-1.6	-3.7
Oct	-1.1	-6.6	-0.4	2.4	-2.4	-6.8	0.3	-	-1.0	0.4	-2.6
Nov	-1.8	-8.8	-1.2	2.7	-1.4	-9.6	2.4	-3.2	-1.4	0.9	-3.3

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.

	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	136.7	688.9	83.6	90.8	123.2	61.9	189.2	246.5	235.2	246.3
	K222	K224	K22A	K248	K24C	K226	K24Q	K24R	K24S	K24O	K24T

Percentage change, latest month on previous month

2022 Sep	-	2.5	-0.4	2.5	-1.1	3.4	-5.1	3.0	-1.5	-1.8	1.7
Oct	-0.1	-3.1	0.3	0.4	-0.7	-2.6	-2.0	2.1	-0.2	-1.1	-1.2
Nov	0.6	3.6	0.1	-0.5	1.4	4.2	2.0	-1.4	1.9	-0.7	1.6
Dec	-0.4	-7.6	0.5	4.0	-0.5	-8.1	-0.2	1.0	1.5	-0.8	-2.7
2023 Jan	-0.4 †	-6.7 †	0.6 †	0.6 †	0.6	-7.9 †	-0.8	0.2 †	-0.2 †	1.8 †	-3.4 †
Feb	0.5	6.3	-	-1.5	-1.4 †	6.8	2.3 †	-0.7	1.5	-1.1	2.3
Mar	0.5	-2.4	0.4	3.5	2.4	-2.1	1.0	1.4	0.7	-1.4	0.5
Apr	0.2	-0.2	0.9	-1.9	-2.1	-0.4	-3.1	-1.0	2.6	0.8	-0.7
May	-1.1	0.7	-0.6	-5.8	-2.0	0.9	2.4	-0.2	-0.9	-0.6	-1.8
Jun	2.4	-2.0	3.2	3.2	1.3	-2.4	2.4	4.4	3.5	2.3	-0.1
Jul	-0.8	0.4	-1.1	0.7	-0.8	0.8	-3.8	-1.3	-0.3	-1.8	0.3
Aug	-0.3	2.9	-0.8	0.2	-1.4	3.2	-3.7	-1.3	-0.9	-0.2	1.5
Sep	-0.5	-3.4	-0.4	1.3	1.3	-3.6	2.1	0.1	-0.2	-1.3	-1.0
Oct	-1.4	-1.1	-1.3	-4.4	0.2	-1.4	-1.5	-1.7	-0.4	-1.8	-2.3
Nov	0.3	0.8	0.5	-0.1	-1.3	1.2	0.3	2.2	-0.3	-0.2	0.4
Dec	0.5	-1.5	0.9	1.4	-0.8	-1.4	-2.1	1.1	-0.3	2.1	0.1
2024 Jan	-1.0	-2.0	-0.9	-0.4	-1.8	-1.7	0.1	-3.9	1.9	-1.8	-0.9
Feb	0.7	-1.5	1.0	1.3	0.7	-1.9	-0.1	1.8	0.2	1.2	-0.3
Mar	0.3	0.9	0.3	0.5	-0.5	0.9	-0.9	3.3	-1.8	0.4	0.5
Apr	-0.9	0.9	-1.8	1.5	2.3	1.1	0.2	-3.3	-0.2	-2.1	0.8
May	-0.3	-1.4	-	-1.5	-0.2	-1.6	-0.4	1.1	-0.5	-0.3	-1.3
Jun	0.4	-4.4	1.3	-0.2	-0.1	-5.1	1.2	-	1.5	2.4	-2.0
Jul	-0.8	4.8	-1.5	-1.8	-1.6	5.2	-1.3	-0.3	-2.2	-1.3	1.1
Aug	0.6	-4.3	1.2	1.0	1.1	-4.5	1.7	0.7	1.7	1.1	-1.2
Sep	-0.3	4.2	-0.9	-0.7	-0.8	4.9	-	-0.9	-0.7	-1.2	1.6
Oct	-0.6	-2.9	-0.6	1.5	0.5	-3.6	1.8	-1.4	-0.3	0.2	-1.2
Nov	-0.4	-1.5	-0.3	0.2	-0.3	-1.8	2.3	-1.1	-0.6	0.3	-0.3

Percentage change, latest 3 months on same 3 months a year ago[2]

2022 Sep	-6.1	-5.9	-8.0	4.4	-1.3	-5.3	-4.6	-7.0	-6.8	-11.1	1.4
Oct	-5.6	-11.5	-7.1	9.3	-1.7	-11.6	-3.7	-6.3	-4.7	-11.3	0.2
Nov	-4.9	-7.0	-6.7	11.5	-2.2	-5.0	-5.4	-5.4	-3.3	-12.3	2.5
Dec	-4.4	-6.5	-5.9	12.9	-3.0	-3.4	-5.4	-6.5	-0.8	-12.0	2.4
2023 Jan	-4.3 †	-8.7 †	-5.3	12.5 †	-2.6	-5.6	-6.7	-4.7 †	-0.7 †	-11.5 †	0.4 †
Feb	-3.6	-12.0	-3.7 †	12.5	-2.7	-9.9 †	-5.3	-2.9	1.3	-10.4	-2.0
Mar	-2.7	-13.8	-2.2	12.6	-2.0	-12.2	-3.3	1.2	2.6	-10.3	-3.5
Apr	-1.9	-13.4	-1.1	10.7	-2.5 †	-12.5	-1.1	1.0	5.3	-9.4	-4.4
May	-1.9	-14.5	-0.5	8.1	-2.8	-13.9	0.5	1.5	6.4	-9.2	-5.7
Jun	-1.1	-14.8	1.3	4.6	-3.9	-15.1	1.5	2.7	8.5	-6.9	-7.2
Jul	-0.3	-15.7	2.6	3.5	-3.5	-16.4	1.0 †	4.7	9.4	-5.7	-7.6
Aug	0.9	-13.0	3.8	4.4	-3.7	-13.5	-2.8	6.5	9.7	-4.2	-5.9
Sep	0.8	-12.2	3.3	4.3	-3.0	-12.3	-4.3	5.4	9.3	-4.4	-5.1
Oct	0.3	-9.2	2.4	2.5	-2.5	-9.2	-3.9	3.1	8.7	-4.5	-4.2
Nov	-0.4	-11.2	2.0	0.6	-2.3	-11.8	-1.9	2.0	8.3	-4.3	-5.8
Dec	-0.6	-9.6	1.7	-1.8	-3.0	-10.3	-2.9	1.9	6.7	-3.5	-5.7
2024 Jan	-0.6	-7.1	1.4	-2.9	-4.7	-7.2	-3.8	1.7	6.1	-3.5	-4.4
Feb	-0.5	-5.8	1.4	-3.1	-4.9	-5.4	-4.9	1.1	5.8	-3.0	-3.5
Mar	-0.6	-5.6	1.3	-3.5	-5.8	-5.0	-6.0	1.1	5.1	-2.9	-3.5
Apr	-1.0	-6.6	0.7	-2.4	-4.7	-6.2	-6.3	1.8	2.8	-2.5	-3.9
May	-1.1	-5.9	-	-0.8	-3.6	-5.6	-6.7	2.0	1.2	-2.8	-3.2
Jun	-1.9	-7.0	-1.3	0.7	-2.0	-6.8	-7.0	0.1	-0.3	-3.6	-3.2
Jul	-2.3	-7.1	-1.8	0.3	-2.1	-7.1	-7.4	-0.6	-1.4	-3.3	-3.4
Aug	-2.7	-8.7	-1.9	-1.4	-2.0	-9.0	-5.3	-1.0	-1.8	-2.7	-4.7
Sep	-2.3	-7.3	-1.5	-2.6	-2.1	-7.5	-3.3	-0.3	-1.7	-2.1	-4.5
Oct	-1.7	-7.8	-0.7	-1.0	-1.9	-8.0	-1.2	0.1	-1.0	-0.9	-4.2
Nov	-1.6	-6.8	-0.9	0.4	-2.2	-7.0	-0.1	-1.1	-1.2	-0.1	-3.2

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.

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IOP5 Output of the Production Industries
continued Chained volume indices of gross value added[1]

	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	136.7	688.9	83.6	90.8	123.2	61.9	189.2	246.5	235.2	246.3
	K222	K224	K22A	K248	K24C	K226	K24Q	K24R	K24S	K24O	K24T

Percentage change, latest 3 months on previous 3 months[2]

2022 Sep	-1.7	-2.9	-1.9	1.6	-2.1	-2.8	2.6	-1.9	0.2	-3.6	-1.9
Oct	-1.4	-7.3	-1.0	2.0	-1.6	-7.8	0.3	0.3	0.4	-3.3	-3.3
Nov	-0.5	-3.8	-0.3	2.4	-1.6	-3.6	-3.5	2.7	0.1	-3.1	-1.4
Dec	-0.1	-5.2	0.4	2.9	-0.6	-4.6	-3.2	3.1	1.3	-3.1	-1.6
2023 Jan	0.1	-5.0	0.7 †	3.5 †	0.4	-4.6 †	-1.5 †	1.8 †	2.2 †	-2.0	-1.5 †
Feb	-0.2 †	-8.7 †	1.0	3.7	0.1	-9.4	0.7	0.7	3.1	-0.8	-3.5
Mar	-	-7.4	1.0	3.2	0.6	-8.5	1.6	0.5	2.7	-0.2	-3.0
Apr	0.4	-2.9	1.1	1.8	-0.3 †	-3.5	1.3	0.4	3.2	-0.8 †	-0.9
May	0.4	-0.6	0.9	-0.6	-0.4	-0.5	0.9	0.3	3.1	-1.2	-0.2
Jun	0.8	-	1.8	-3.0	-1.9	0.1	0.7	1.1	4.1	-0.2	-0.9
Jul	0.6	-1.5	1.8	-3.8	-2.0	-1.4	0.9	2.1	3.3	0.3	-2.1
Aug	1.1	-0.4	2.0	-1.0	-1.8	-0.4	-0.9	2.6	3.2	0.8	-0.9
Sep	0.1	0.1	0.1	1.3	-1.2	0.4	-3.3	0.7	1.0	-1.1	0.3
Oct	-0.8	-0.2	-1.2	1.1	-0.6	-	-4.6	-1.3	-0.3	-2.1	0.2
Nov	-1.8	-1.8	-2.0	-1.4	-0.2	-1.8	-2.6	-1.7	-1.3	-3.2	-1.3
Dec	-1.4	-2.3	-1.2	-3.2	-0.5	-2.4	-1.9	-0.3	-1.1	-2.1	-2.2
2024 Jan	-0.8	-2.7	-0.2	-2.0	-1.8	-2.4	-1.4	0.4	-0.2	-1.0	-1.8
Feb	-0.2	-3.1	0.5	-0.1	-2.5	-2.8	-2.4	-0.1	0.7	0.5	-1.2
Mar	-	-3.4	0.6	1.5	-2.4	-3.1	-1.6	-0.3	1.1	0.4	-0.8
Apr	0.1	-2.5	0.3	2.3	-0.3	-2.5	-1.3	0.5	-	0.2	-0.3
May	-0.2	-0.7	-0.5	1.7	0.9	-0.8	-1.0	1.2	-1.4	-0.9	0.1
Jun	-0.5	-1.4	-0.8	1.2	2.1	-1.7	-0.4	-	-1.2	-0.9	-0.5
Jul	-0.8	-1.9	-0.7	-1.1	0.6	-2.3	-0.3	-0.3	-1.0	-0.4	-1.6
Aug	-0.5	-3.4	0.1	-1.6	-0.2	-3.9	0.7	-0.4	0.2	0.9	-2.3
Sep	-0.4	-0.3	-0.1	-2.0	-1.3	-0.4	0.5	0.2	-0.5	0.5	-1.0
Oct	-0.2	-1.0	-0.1	-0.2	-0.4	-1.0	1.9	-0.6	0.2	0.3	-0.5
Nov	-0.7	0.3	-1.0	0.5	-0.4	0.4	2.7	-1.8	-0.7	-0.6	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.

Seasonally adjusted 2022 = 100

	Food products, beverages and tobacco	Textiles, wearing apparel and leather products	Wood and paper products and printing	Coke and refined petroleum products	Chemicals and chemical products	Basic pharmaceutical products and preparations
Section	CA	CB	CC	CD	CE	CF
Latest weight	112.2	20.4	43.4	10.4	41.2	56.4
	K22B	K22P	K22T	K22X	K22Z	K239
2019	101.0	108.4	121.1	94.3	120.9	82.5
2020	100.1	71.6	111.2	82.9	135.4	98.4
2021	105.2	98.7	117.1	88.4	125.9	102.9
2022	100.0	100.0	100.0	100.0	100.0	100.0
2023	97.5 †	89.9 †	91.4 †	96.8 †	87.3 †	117.3 †
2023 Q3	97.5 †	88.4 †	91.7 †	94.4 †	87.0 †	119.4 †
Q4	98.0	86.0	88.6	93.5	85.6	119.2
2024 Q1	99.0	83.6	89.5	98.2	84.9	116.3
Q2	99.4	81.1	87.1	95.0	87.1	117.0
Q3	100.1	82.1	87.1	90.6	87.9	117.0
2023 Sep	97.8 †	88.8 †	89.8 †	94.9 †	86.6 †	117.8 †
Oct	97.5	85.9	89.0	92.9	85.6	113.8
Nov	98.0	86.2	88.4	93.6	85.7	120.0
Dec	98.4	85.8	88.2	94.0	85.6	123.9
2024 Jan	97.7	83.7	89.1	95.4	84.1	111.4
Feb	99.2	85.2	90.5	99.9	85.5	113.4
Mar	100.1	82.0	88.9	99.4	85.0	124.2
Apr	98.0	81.8	87.9	94.3	86.9	116.5
May	100.2	79.7	87.2	93.3	86.7	116.7
Jun	100.2	81.7	86.3	97.5	87.8	117.7
Jul	100.1	80.8	87.5	91.6	87.7	116.9
Aug	100.4	81.2	87.7	92.2	87.4	118.6
Sep	99.8	84.4	86.2	87.9	88.7	115.6
Oct	100.2	83.9	86.8	84.9	85.2	112.1
Nov	100.0	84.7	85.5	90.9	83.8	109.9

Percentage change, latest year on previous year

2019	0.1	12.3	1.8	-18.6	14.4	5.7
2020	-1.0	-33.9	-8.2	-12.1	12.0	19.3
2021	5.1	37.8	5.3	6.6	-7.1	4.6
2022	-4.9	1.3	-14.6	13.1	-20.5	-2.8
2023	-2.5 †	-10.1 †	-8.6 †	-3.2 †	-12.7 †	17.3 †

Percentage change, latest month on same month a year ago

2022 Sep	-8.7	-4.2	-18.3	3.8	-21.1	5.8
Oct	-8.1	-8.7	-19.6	4.1	-22.8	6.7
Nov	-7.4	-8.1	-18.0	-4.1	-23.5	0.3
Dec	-6.7	-2.8	-17.0	-3.8	-24.3	-7.9
2023 Jan	-5.7 †	-6.8	-15.2 †	-2.6 †	-22.3 †	19.7 †
Feb	-4.6	-5.1	-15.2	-6.5	-20.5	12.9
Mar	-5.1	-10.3 †	-13.5	-7.7	-17.7	28.1
Apr	-5.5	-12.4	-9.9	-7.1	-17.5	18.1
May	-4.6	-10.5	-10.9	-6.7	-17.7	17.7
Jun	-2.0	-3.1	-4.6	-4.0	-10.7	29.3
Jul	-1.8	-12.5	-6.5	1.9	-7.7	28.8
Aug	-2.4	-11.7	-3.3	0.2	-11.9	30.7
Sep	1.2	-11.4	-5.3	1.1	-6.9	9.9
Oct	-0.1	-10.8	-6.4	-3.0	-7.0	0.9
Nov	-0.1	-13.2	-5.2	-2.3	-4.0	11.3
Dec	1.6	-13.4	-3.9	0.6	-2.5	8.3
2024 Jan	-	-12.5	-4.1	-1.9	-7.4	0.4
Feb	1.4	-9.1	-1.8	3.2	-3.1	2.4
Mar	3.2	-10.3	-3.9	-0.2	-3.9	6.7
Apr	1.7	-9.4	-6.0	-8.4	-0.6	1.5
May	3.4	-11.9	-4.8	-9.6	0.4	2.4
Jun	2.2	-13.0	-8.0	-0.8	-	-5.9
Jul	2.0	-8.2	-5.8	-2.7	-0.9	-3.0
Aug	3.7	-8.0	-5.2	-1.8	1.7	-1.2
Sep	2.1	-5.0	-4.0	-7.4	2.4	-1.9
Oct	2.8	-2.3	-2.5	-8.6	-0.4	-1.5
Nov	2.0	-1.8	-3.4	-2.9	-2.2	-8.4

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IOP5 Output of the Production Industries
continued **Chained volume indices of gross value added**[1]

Seasonally adjusted 2022 = 100

	Rubber and plastic products and non-metallic mineral products	Basic metals and metal products	Computer, electronic and optical products	Electrical equipment	Machinery and equipment not elsewhere classified	Transport equipment	Other manufacturing and repair
Section	CG	CH	CI	CJ	CK	CL	CM
Latest weight	51.2	76.3	47.2	19.3	54.6	94.1	62.3
	K23B	K23G	K23N	K23P	K23R	K23T	K23Z
2019	110.6	103.6	94.9	123.2	97.2	99.5	100.9
2020	111.2	113.1	98.9	165.8	101.2	98.9	97.9
2021	111.2	106.0	107.1	137.4	111.9	105.9	101.8
2022	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2023	90.3 †	103.3 †	100.7 †	94.4 †	99.0 †	114.5	102.0 †
2023 Q3	87.8 †	105.2 †	100.4 †	97.7 †	100.2 †	117.9 †	102.4 †
Q4	83.5	105.4	98.2	93.1	93.6	120.5	100.7
2024 Q1	85.5	107.8	96.4	90.3	91.6	124.8	101.3
Q2	84.4	106.8	96.6	86.6	92.4	121.2	100.0
Q3	84.8	107.3	97.7	85.0	89.6	119.9	100.8
2023 Sep	86.1 †	105.5 †	100.5 †	96.8 †	98.3 †	118.1 †	101.3 †
Oct	83.8	103.8	98.1	93.7	95.8	119.2	101.4
Nov	82.5	104.9	99.7	93.3	93.1	119.9	99.7
Dec	84.2	107.7	96.7	92.2	91.9	122.4	101.0
2024 Jan	84.4	107.0	96.8	89.0	93.1	124.5	102.1
Feb	85.7	108.6	96.4	88.8	90.1	127.5	100.8
Mar	86.4	107.9	95.9	93.1	91.6	122.5	101.0
Apr	83.7	105.5	96.6	87.2	91.9	121.7	99.3
May	84.2	105.7	95.8	84.4	90.9	120.3	100.5
Jun	85.2	109.2	97.3	88.1	94.3	121.7	100.2
Jul	83.5	107.1	96.3	83.3	88.8	118.6	100.8
Aug	85.0	108.8	98.8	88.2	89.2	121.5	101.0
Sep	85.9	105.9	98.0	83.6	90.9	119.7	100.6
Oct	85.0	106.0	100.4	83.9	88.9	118.4	101.9
Nov	86.9	105.9	103.0	84.1	88.1	117.4	99.7

Percentage change, latest year on previous year

2019	1.3	-3.6	0.6	15.9	-8.7	-2.8	-1.2
2020	0.6	9.1	4.1	34.6	4.1	-0.6	-3.0
2021	-0.1	-6.3	8.3	-17.1	10.6	7.1	3.9
2022	-10.1	-5.7	-6.6	-27.2	-10.6	-5.6	-1.7
2023	-9.7 †	3.3 †	0.7 †	-5.6 †	-1.0 †	14.5	2.0 †

Percentage change, latest month on same month a year ago

2022 Sep	-10.1	-3.3	-6.8	-20.1	-14.5	-5.2	-2.0
Oct	-9.4	-3.1	-2.8	-16.5	-	2.9	-1.7
Nov	-11.8	-4.2	-7.4	-14.6	-6.0	0.2	0.9
Dec	-5.1	-5.4	-6.8	-14.4	4.1	0.9	3.7
2023 Jan	-4.7 †	-3.3 †	-7.1 †	-11.4 †	-2.5 †	3.3 †	2.7 †
Feb	-3.4	-3.3	0.3	-15.5	2.7	6.0	0.6
Mar	-7.6	-3.3	2.9	-14.8	2.7	6.9	1.1
Apr	-8.8	-1.1	1.7	-6.7	4.4	12.6	7.0
May	-11.9	0.5	7.1	-6.3	-2.7	10.9	3.9
Jun	-6.0	3.6	8.2	-1.4	-2.6	19.3	5.1
Jul	-11.0	5.7	3.1	2.2	2.4	19.2	4.6
Aug	-11.0	6.7	-5.8	-1.2	0.9	20.0	-
Sep	-11.6	7.9	1.5	-0.5	-0.8	20.5	1.2
Oct	-14.4	7.7	1.0	-3.2	0.1	18.7	1.4
Nov	-13.9	8.1	0.1	-2.8	-5.7	17.7	-1.5
Dec	-13.1	12.3	-3.4	-3.1	-10.0	19.4	-1.3
2024 Jan	-14.2	6.4	-2.1	-8.1	-8.1	20.4	0.6
Feb	-11.8	8.4	-5.0	0.1	-12.6	20.8	-0.4
Mar	-7.5	7.5	-6.9	3.6	-10.0	14.0	-0.1
Apr	-10.1	3.9	-2.6	-8.2	-10.8	7.4	-4.7
May	-8.8	3.8	-7.3	-9.2	-8.5	8.1	-1.6
Jun	-10.2	5.5	-8.9	-9.4	-4.7	3.2	-4.7
Jul	-6.2	2.5	-6.5	-15.9	-13.0	1.9	-3.4
Aug	-3.8	3.2	0.8	-9.4	-11.0	1.8	-0.3
Sep	-0.3	0.3	-2.4	-13.6	-7.5	1.4	-0.7
Oct	1.5	2.1	2.4	-10.4	-7.2	-0.7	0.4
Nov	5.2	1.0	3.3	-9.9	-5.3	-2.1	-

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IOP5 Output of the Production Industries

continued — Chained volume indices of gross value added[1]

Seasonally adjusted 2022 = 100

	Food products, beverages and tobacco	Textiles, wearing apparel and leather products	Wood and paper products and printing	Coke and refined petroleum products	Chemicals and chemical products	Basic pharmaceutical products and preparations
Section	CA	CB	CC	CD	CE	CF
Latest weight	112.2	20.4	43.4	10.4	41.2	56.4
	K22B	K22P	K22T	K22X	K22Z	K239

Percentage change, latest month on previous month

		CA	CB	CC	CD	CE	CF
2022	Sep	-2.5	0.1	-0.8	0.2	-4.5	16.7
	Oct	1.0	-4.0	0.3	2.0	-1.2	5.2
	Nov	0.6	3.2	-1.9	-	-3.0	-4.4
	Dec	-1.3	-0.2	-1.7	-2.5	-1.6	6.0
2023	Jan	0.9 T	-3.4 T	1.2 T	4.1 T	3.5 T	-3.1 T
	Feb	0.1	-2.1	-0.7	-0.5	-2.8	-0.1
	Mar	-0.9	-2.4	0.4	2.9	0.2	5.0
	Apr	-0.6	-1.3	1.0	3.4	-1.2	-1.4
	May	0.6	0.3	-2.0	0.3	-1.1	-0.6
	Jun	1.2	3.7	2.6	-4.8	1.6	9.7
	Jul	0.1	-6.3	-1.0	-4.1	0.8	-3.7
	Aug	-1.4	0.4	-0.6	-0.3	-2.9	-0.3
	Sep	1.1	0.5	-2.8	1.1	0.8	-1.9
	Oct	-0.2	-3.3	-0.9	-2.1	-1.2	-3.4
	Nov	0.5	0.4	-0.6	0.7	0.2	5.5
	Dec	0.4	-0.4	-0.3	0.5	-0.1	3.2
2024	Jan	-0.8	-2.5	1.0	1.4	-1.7	-10.1
	Feb	1.5	1.8	1.6	4.7	1.7	1.9
	Mar	0.9	-3.8	-1.8	-0.5	-0.6	9.5
	Apr	-2.1	-0.2	-1.1	-5.2	2.2	-6.2
	May	2.2	-2.5	-0.8	-1.0	-0.2	0.2
	Jun	-	2.4	-1.0	4.5	1.2	0.8
	Jul	-0.1	-1.1	1.4	-6.1	-0.2	-0.7
	Aug	0.2	0.5	0.1	0.7	-0.3	1.5
	Sep	-0.5	3.8	-1.7	-4.7	1.5	-2.6
	Oct	0.4	-0.5	0.7	-3.4	-3.9	-3.0
	Nov	-0.3	0.9	-1.5	7.0	-1.7	-1.9

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

		CA	CB	CC	CD	CE	CF
2022	Sep	-7.4	-2.5	-16.8	0.1	-21.4	-3.8
	Oct	-7.9	-5.2	-18.0	1.9	-21.2	0.5
	Nov	-8.1	-7.0	-18.6	1.1	-22.5	4.2
	Dec	-7.4	-6.6	-18.2	-1.4	-23.5	-0.7
2023	Jan	-6.6 T	-5.9 T	-16.7 T	-3.5 T	-23.4	2.7 T
	Feb	-5.7	-4.9	-15.8	-4.3	-22.4	6.7
	Mar	-5.1	-7.4	-14.6	-5.6	-20.2 T	20.0
	Apr	-5.1	-9.3	-12.9	-7.1	-18.6	19.5
	May	-5.1	-11.0	-11.5	-7.1	-17.6	21.2
	Jun	-4.1	-8.8	-8.5	-6.0	-15.4	21.7
	Jul	-2.8	-8.8	-7.4	-3.2	-12.2	25.2
	Aug	-2.0	-9.2	-4.8	-0.7	-10.1	29.6
	Sep	-1.0	-11.9	-5.1	1.1	-8.9	22.5
	Oct	-0.4	-11.3	-5.0	-0.6	-8.7	12.8
	Nov	0.3	-11.8	-5.6	-1.4	-6.0	7.2
	Dec	0.5	-12.5	-5.2	-1.6	-4.5	6.8
2024	Jan	0.5	-13.1	-4.4	-1.2	-4.6	6.6
	Feb	1.0	-11.7	-3.3	0.6	-4.4	3.7
	Mar	1.5	-10.7	-3.3	0.3	-4.8	3.2
	Apr	2.1	-9.6	-3.9	-1.9	-2.5	3.6
	May	2.8	-10.5	-4.9	-6.1	-1.4	3.6
	Jun	2.4	-11.5	-6.3	-6.4	-0.1	-0.8
	Jul	2.5	-11.1	-6.2	-4.5	-0.2	-2.3
	Aug	2.7	-9.8	-6.4	-1.7	0.2	-3.4
	Sep	2.6	-7.1	-5.0	-4.0	1.0	-2.0
	Oct	2.9	-5.1	-3.9	-5.9	1.2	-1.5
	Nov	2.3	-3.0	-3.3	-6.3	-0.1	-4.0

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IOP5 Output of the Production Industries
continued **Chained volume indices of gross value added**[1]

Seasonally adjusted 2022 = 100

	Rubber and plastic products and non-metallic mineral products	Basic metals and metal products	Computer, electronic and optical products	Electrical equipment	Machinery and equipment not elsewhere classified	Transport equipment	Other manufacturing and repair
Section	CG	CH	CI	CJ	CK	CL	CM
Latest weight	51.2	76.3	47.2	19.3	54.6	94.1	62.3
	K23B	K23G	K23N	K23P	K23R	K23T	K23Z

Percentage change, latest month on previous month

2022	Sep	-1.9	-0.9	-4.8	-1.1	-0.2	-1.4	-1.2
	Oct	0.4	-1.5	-2.0	-0.6	-3.5	2.5	-
	Nov	-2.0	0.7	2.6	-0.8	3.2	1.4	1.1
	Dec	1.0	-1.2	0.6	-0.8	3.5	0.6	1.1
2023	Jan	1.6 T	4.8 T	-1.2 T	1.7 T	-0.8 T	0.9 T	-0.8 T
	Feb	-1.3	-0.3	2.6	-8.4	1.8	2.0	-0.3
	Mar	-3.9	0.2	1.5	1.3	-1.2	1.9	-0.1
	Apr	-0.3	1.1	-3.6	5.6	1.1	5.3	3.0
	May	-0.9	0.4	4.2	-2.1	-3.5	-1.7	-2.0
	Jun	2.9	1.6	3.2	4.7	-0.4	5.9	2.9
	Jul	-6.3	1.0	-3.6	1.8	3.1	-1.3	-0.7
	Aug	-0.7	0.8	-4.8	-1.8	-1.8	2.5	-2.9
	Sep	-2.5	0.1	2.5	-0.5	-1.8	-1.0	-
	Oct	-2.8	-1.7	-2.4	-3.3	-2.6	0.9	0.1
	Nov	-1.5	1.1	1.7	-0.3	-2.8	0.6	-1.7
	Dec	2.0	2.6	-2.9	-1.2	-1.3	2.0	1.3
2024	Jan	0.3	-0.6	-	-3.5	1.3	1.7	1.1
	Feb	1.5	1.6	-0.4	-0.2	-3.2	2.4	-1.3
	Mar	0.8	-0.7	-0.5	4.8	1.6	-3.9	0.2
	Apr	-3.1	-2.2	0.7	-6.4	0.3	-0.7	-1.7
	May	0.6	0.2	-0.8	-3.2	-1.0	-1.1	1.2
	Jun	1.3	3.3	1.5	4.5	3.8	1.1	-0.3
	Jul	-2.1	-1.9	-1.0	-5.5	-5.9	-2.5	0.6
	Aug	1.9	1.5	2.6	5.8	0.4	2.5	0.2
	Sep	1.1	-2.6	-0.7	-5.1	2.0	-1.5	-0.4
	Oct	-1.0	0.1	2.4	0.3	-2.3	-1.1	1.2
	Nov	2.2	-	2.6	0.3	-0.8	-0.9	-2.1

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

2022	Sep	-8.4	-2.9	-5.5	-23.2	-12.5	-5.9	-2.0
	Oct	-8.9	-3.0	-4.2	-19.4	-9.3	-3.8	-1.1
	Nov	-10.4	-3.5	-5.7	-17.1	-7.3	-0.8	-1.0
	Dec	-8.9	-4.2	-5.7	-15.2	-0.8	1.3	0.9
2023	Jan	-7.3	-4.3	-7.1	-13.5	-1.6 T	1.4	2.4
	Feb	-4.4	-4.0	-4.6 T	-13.7 T	1.4	3.4 T	2.3 T
	Mar	-5.2	-3.3 T	-1.4	-13.8	0.9	5.4	1.4
	Apr	-6.6	-2.6	1.6	-12.4	3.3	8.5	2.9
	May	-9.4 T	-1.3	3.9	-9.3	1.4	10.1	4.0
	Jun	-8.9	1.0	5.7	-4.8	-0.3	14.2	5.3
	Jul	-9.6	3.3	6.1	-1.9	-1.0	16.4	4.5
	Aug	-9.3	5.3	1.7	-0.1	0.2	19.5	3.2
	Sep	-11.2	6.8	-0.5	0.1	0.8	19.9	2.0
	Oct	-12.3	7.4	-1.2	-1.7	0.1	19.7	0.9
	Nov	-13.3	7.9	0.9	-2.2	-2.1	18.9	0.4
	Dec	-13.8	9.3	-0.8	-3.0	-5.3	18.6	-0.5
2024	Jan	-13.7	8.9	-1.8	-4.7	-7.9	19.2	-0.7
	Feb	-13.0	9.0	-3.5	-3.8	-10.2	20.2	-0.4
	Mar	-11.2	7.5	-4.7	-1.6	-10.2	18.3	-
	Apr	-9.8	6.6	-4.8	-1.6	-11.1	13.9	-1.8
	May	-8.8	5.1	-5.6	-4.7	-9.8	9.8	-2.2
	Jun	-9.7	4.4	-6.3	-8.9	-8.0	6.2	-3.7
	Jul	-8.4	3.9	-7.6	-11.6	-8.8	4.3	-3.2
	Aug	-6.8	3.7	-5.0	-11.6	-9.6	2.3	-2.8
	Sep	-3.4	2.0	-2.7	-13.0	-10.5	1.7	-1.5
	Oct	-0.9	1.9	0.3	-11.2	-8.6	0.8	-0.2
	Nov	2.1	1.2	1.1	-11.3	-6.7	-0.5	-0.1

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IOP5 Output of the Production Industries

continued

Chained volume indices of gross value added[1]

Seasonally adjusted 2022 = 100

		Food products, beverages and tobacco	Textiles, wearing apparel and leather products	Wood and paper products and printing	Coke and refined petroleum products	Chemicals and chemical products	Basic pharmaceutical products and preparations
Section		CA	CB	CC	CD	CE	CF
Latest weight		112.2	20.4	43.4	10.4	41.2	56.4
		K22B	K22P	K22T	K22X	K22Z	K239

Percentage change, latest 3 months on previous 3 months

Year	Month						
2022	Sep	-2.6	-	-4.9	-13.5	-7.3	0.6
	Oct	-2.8	-0.7	-5.0	-7.2	-5.5	8.6
	Nov	-2.2	-0.6	-3.5	-1.0	-5.9	16.2
	Dec	-1.0	-2.1	-3.3	1.8	-6.1	14.5
2023	Jan	-0.2 T	-0.8	-2.6 T	1.1 T	-5.2 T	6.8 T
	Feb	-	-2.4 T	-2.3	0.7	-2.7	2.5
	Mar	-	-4.7	-0.9	3.0	-0.5	0.9
	Apr	-0.5	-6.4	0.1	4.5	-1.4	2.6
	May	-0.7	-5.7	0.3	6.4	-1.7	2.7
	Jun	-0.4	-2.2	0.5	3.7	-2.2	4.7
	Jul	0.7	-1.1	0.1	-1.2	-0.6	5.2
	Aug	0.9	-0.7	0.6	-6.3	-	6.0
	Sep	0.5	-3.5	-1.3	-7.0	-0.2	1.3
	Oct	-0.4	-3.4	-2.6	-4.7	-1.7	-2.2
	Nov	0.1	-3.5	-4.3	-1.7	-1.6	-3.8
	Dec	0.4	-2.7	-3.5	-0.9	-1.6	-0.2
2024	Jan	0.7	-2.8	-2.0	0.4	-1.1	1.0
	Feb	0.7	-2.3	0.2	2.8	-1.0	-0.9
	Mar	1.0	-2.7	1.0	5.0	-0.9	-2.4
	Apr	1.1	-2.6	0.6	3.7	0.8	-0.3
	May	1.0	-4.4	-1.4	-0.8	1.3	2.5
	Jun	0.5	-3.1	-2.6	-3.2	2.7	0.5
	Jul	1.1	-2.7	-2.3	-3.8	1.9	-0.8
	Aug	0.8	0.1	-0.9	-2.0	1.6	-1.2
	Sep	0.7	1.3	-	-4.7	0.9	-
	Oct	-	3.0	-0.2	-6.2	-0.4	-1.4
	Nov	-0.2	3.8	-1.2	-6.3	-1.9	-4.4

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IOP5 Output of the Production Industries
Chained volume indices of gross value added[1]

	Rubber and plastic products and non-metallic mineral products	Basic metals and metal products	Computer, electronic and optical products	Electrical equipment	Machinery and equipment not elsewhere classified	Transport equipment	Other manufacturing and repair
Section	CG	CH	CI	CJ	CK	CL	CM
Latest weight	51.2	76.3	47.2	19.3	54.6	94.1	62.3
	K23B	K23G	K23N	K23P	K23R	K23T	K23Z

Percentage change, latest 3 months on previous 3 months

		CG	CH	CI	CJ	CK	CL	CM
2022	Sep	-3.6	-2.8	3.5	-2.2	-1.4	-1.6	1.8
	Oct	-3.6	-2.4	1.7	-0.7	-3.1	0.4	1.1
	Nov	-3.0	-2.1	-2.3	-1.3	-2.4	1.5	0.1
	Dec	-2.1	-2.1	-2.0	-1.6	-0.5	3.3	0.8
2023	Jan	-1.2	0.2 †	-0.5	-1.6	2.8 †	3.3 †	1.2 †
	Feb	0.4	1.8	1.6	-3.3 †	4.5	3.7	1.2
	Mar	-0.6 †	4.1	2.2 †	-4.4	3.3	3.8	0.1
	Apr	-2.6	2.9	1.7	-5.0	1.9	6.0	0.5
	May	-4.7	2.4	1.7	-1.1	-0.8	6.6	0.8
	Jun	-3.0	1.9	2.0	3.5	-1.6	8.2	2.5
	Jul	-2.6	2.6	3.1	5.7	-2.4	6.0	1.7
	Aug	-2.3	3.2	0.7	5.7	-1.0	6.5	1.1
	Sep	-6.0	2.8	-2.6	2.8	-0.3	3.3	-1.4
	Oct	-6.5	1.6	-5.3	-0.5	-2.0	3.2	-2.4
	Nov	-7.3	0.3	-3.1	-3.3	-4.6	1.0	-2.7
	Dec	-4.9	0.3	-2.3	-4.8	-6.6	2.2	-1.6
2024	Jan	-2.7	1.5	-1.1	-4.6	-5.5	2.8	-0.4
	Feb	0.7	2.9	-2.8	-4.9	-4.2	4.8	0.5
	Mar	2.4	2.3	-1.8	-3.0	-2.1	3.6	0.6
	Apr	1.8	0.8	-1.5	-2.0	-1.6	1.3	-0.6
	May	-	-1.3	-0.6	-2.0	-0.3	-2.6	-1.0
	Jun	-1.3	-0.9	0.2	-4.2	0.8	-2.9	-1.3
	Jul	-1.1	-	0.2	-4.9	0.2	-3.0	0.2
	Aug	-0.2	1.9	1.4	-1.9	-0.8	-0.7	0.4
	Sep	0.5	0.4	1.2	-1.8	-3.0	-1.1	0.8
	Oct	1.2	-0.4	2.7	-0.1	-1.8	-0.3	0.7
	Nov	1.6	-2.2	3.1	-3.1	-1.6	-1.7	-

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