

Statistical bulletin

Index of Production, UK: April 2022

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



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1 . Main points

- Monthly production output fell by 0.6% between March and April 2022, reaching a level that was 2.2% below February 2020; this was the last month of "normal" trading conditions before the coronavirus (COVID-19) pandemic.
- The monthly fall in output resulted from weaknesses in two of the four production sectors, with manufacturing falling by 1.0% and mining and quarrying falling by 0.8%; in contrast, water supply and sewerage rose by 1.7% and electricity and gas rose by 0.6%.
- Manufacturing saw 8 of its 13 sub-sectors negatively contribute to growth during April; most notably, manufacturing of computer, electronic and optical products fell by 4.6%, and other manufacturing and repair fell by 4.2%.
- Output remained below the February 2020 pre-coronavirus pandemic levels in three of the four production sectors; monthly manufacturing output was 2.0% below, mining and quarrying was 14.4% below, and electricity and gas was 5.4% below, while water supply and sewerage was 10.0% above the February 2020 level.
- For the three months to April 2022, production output rose by 0.1%, compared with the three months to January 2022; the rise of 1.7% in mining and quarrying, 0.6% in electricity and gas and 0.3% in water supply and sewerage was partially offset by a fall of 0.2% in manufacturing.
- Further analysis of the effect on our monthly Index of Production estimate is available in our [GDP monthly estimate, UK: April 2022 bulletin, published 13 June 2022 bulletin](#).

2 . Index of Production (IoP) data

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

Dataset DIOP | Released 13 June 2022

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

[Output of the production industries](#)

Dataset | Released 13 June 2022

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

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

Dataset | Released 13 June 2022

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

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

Dataset | Released 13 June 2022

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

[Export proportions for manufacturing industries](#)

Dataset | Released 13 June 2022

Monthly, three-monthly, and annual export data for the manufacturing industries, collected by the MBS at industry level in the UK.

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

3 . Measuring the data

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

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

From January 2018, Value Added Tax (VAT) data have also been included across 64 production industries for small- and medium-sized businesses. For more information, see our [VAT turnover data in national accounts: background and methodology article](#).

A comprehensive list of the IoP source data can be found in our [Gross domestic product \(GDP\) source catalogue \(XLS, 715KB\)](#).

More quality and methodology information on strengths, limitations, appropriate uses, and how the data were created is available in our [UK IoP Quality and Methodology Information methodology](#).

Coronavirus (COVID-19)

The Office for National Statistics' (ONS) Monthly Business Survey (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 BEIS and therefore will be less affected than survey data.

Our latest data and analysis on the impact of the coronavirus (COVID-19) pandemic on the UK economy and population are available on our [Data and analysis on the impact of coronavirus \(COVID-19\) on the UK economy and population](#) page. This is the hub for all special coronavirus-related publications, including the fortnightly Business Insights and Conditions Survey (BICS).

Economic statistics governance after EU exit

Following the UK's exit from the EU, new governance arrangements are being put in place. These will support the adoption and implementation of high-quality standards for UK economic statistics. These governance arrangements will promote international comparability, and add to the credibility and independence of the UK's statistical system.

At the centre of this new governance framework there will be the new National Statistician's Committee for Advice on Standards for Economic Statistics (NSCASE). NSCASE will support the UK by ensuring its processes for influencing and adopting international statistical standards are world-leading. The advice that NSCASE provides to the National Statistician will span the full range of domains in economic statistics, including:

- the National Accounts
- fiscal statistics
- prices
- trade and the balance of payments
- labour market statistics

You can access [further information on the NSCASE on the UK Statistics Authority's website](#).

4 . Related links

[International comparisons of GDP during the coronavirus \(COVID-19\) pandemic](#)

Article | Released 1 February 2021

The coronavirus (COVID-19) pandemic has led to record declines in gross domestic product (GDP) in advanced economies in 2020. International comparisons show that the UK has experienced the largest contraction in volume GDP among the G7 countries. However, international comparisons have also been complicated by how National Statistical Institutes (NSIs) record non-market output.

[Comparison of motor vehicle manufacturing output statistics, UK: 1997 to 2019](#)

Article | Released 10 January 2020

A comparison of the methodologies used to estimate motor vehicle manufacturing outputs by the Office for National Statistics (ONS) and the Society of Motor Manufacturers and Traders (SMMT).

[A comparison between official estimates of UK output and diffusion indices](#)

Article | Released 21 October 2019

The level of correlation between Office for National Statistics data and IHS Markit and Chartered Institute of Procurement and Supply Purchasing Managers' Indices.

[GDP monthly estimate, UK: April 2022](#)

Bulletin | Released 13 June 2022

GDP measures the value of goods and services produced in the UK. It estimates the size of GDP, growth in the economy, and includes the Index of Production (IoP), Index of Services (IoS) and construction output in Great Britain.

[Producer price inflation, UK: April 2022](#)

Bulletin | Released 18 May 2022

The corresponding price indices used to deflate the IoP are published in the monthly publication of UK producer price inflation.

[UK manufacturers' sales by product \(ProdCom\): 2020 results](#)

Bulletin | Released 11 August 2021

Product sales by manufacturers are published on an annual basis in ProdCom statistical bulletins; estimates are in current prices, unlike the chained volume measures published in the IoP release.

[Energy Trends and Prices statistical release: 26 May 2022](#)

Bulletin | Released 26 May 2022

The data published by the Department for Business, Energy and Industrial Strategy (BEIS) in Energy Trends are used to measure the mining and quarrying, electricity and gas, and manufacture of coke and refined petroleum products sectors within this release.

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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 | 78.4 | 724.6 | 109.7 | 87.4 | 65.8 | 66.6 | 193.8 | 269.3 | 243.0 | 220.1 |
| | K222 | K224 | K22A | K248 | K24C | K226 | K24Q | K24R | K24S | K24O | K24T |
| 2017 | 93.3 | 94.0 | 93.3 | 86.9 | 100.0 | 93.6 | 92.1 | 89.3 | 97.6 | 91.9 | 91.6 |
| 2018 | 96.6 | 98.7 | 97.0 | 88.6 | 100.5 | 99.0 | 97.7 | 96.0 | 101.6 | 93.9 | 93.2 |
| 2019 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2020 | 91.6 | 80.6 | 91.1 | 97.7 | 98.2 | 78.5 | 86.2 | 99.1 | 84.1 | 93.5 | 91.9 |
| 2021 | 96.3 | 71.5 | 97.7 | 98.8 | 104.1 | 66.7 | 92.2 | 103.7 | 89.9 | 102.4 | 88.7 |
| 2021 Q1 | 95.7 | 74.5 | 96.2 | 101.7 | 102.6 | 70.7 | 90.3 | 99.8 | 90.9 | 101.0 | 90.7 |
| Q2 | 96.3 | 61.2 | 98.0 | 105.0 | 103.0 | 54.5 | 91.1 | 103.7 | 89.7 | 103.7 | 88.4 |
| Q3 | 96.6 | 77.2 | 98.0 | 96.0 | 103.9 | 72.7 | 94.4 | 103.9 | 89.9 | 102.4 | 89.5 |
| Q4 | 96.5 | 73.1 | 98.4 | 92.3 | 106.8 | 68.7 | 93.2 | 107.2 | 89.0 | 102.5 | 86.3 |
| 2022 Q1 | 97.6 | 72.9 | 99.7 | 94.0 | 107.2 | 68.3 | 98.0 | 103.0 | 90.3 | 107.8 | 87.5 |
| 2021 Feb | 95.6 | 72.1 | 96.2 | 102.1 | 102.9 | 68.0 | 92.5 | 99.1 | 91.7 | 100.7 | 90.3 |
| Mar | 96.7 | 75.0 | 97.5 | 101.0 | 103.6 | 71.7 | 88.8 | 101.6 | 92.5 | 101.6 | 90.5 |
| Apr | 96.1 | 61.9 | 97.8 | 104.1 | 102.4 | 55.6 | 88.3 | 101.1 | 91.8 | 103.7 | 87.5 |
| May | 97.1 | 64.5 | 98.3 | 108.8 | 102.3 | 58.5 | 90.8 | 107.4 | 87.7 | 103.7 | 91.6 |
| Jun | 95.8 | 57.3 | 97.9 | 102.2 | 104.2 | 49.5 | 94.2 | 102.7 | 89.5 | 103.6 | 86.2 |
| Jul | 96.6 | 70.1 | 98.2 | 98.9 | 104.5 | 64.1 | 94.9 | 104.7 | 89.1 | 103.0 | 88.4 |
| Aug | 96.9 | 81.7 | 98.0 | 95.1 | 103.9 | 77.9 | 93.5 | 103.8 | 90.5 | 102.0 | 90.7 |
| Sep | 96.4 | 79.8 | 97.7 | 94.1 | 103.3 | 76.0 | 94.7 | 103.2 | 90.0 | 102.3 | 89.5 |
| Oct | 95.7 | 75.3 | 97.5 | 91.4 | 105.0 | 71.4 | 91.5 | 106.6 | 86.9 | 102.2 | 86.5 |
| Nov | 96.7 | 73.1 | 98.5 | 92.7 | 107.4 | 68.2 | 93.7 | 106.2 | 89.5 | 103.4 | 86.4 |
| Dec | 97.0 | 70.9 | 99.2 | 92.9 | 107.9 | 66.4 | 94.5 | 108.8 | 90.7 | 102.0 | 86.0 |
| 2022 Jan | 97.9 | 72.4 | 100.1 | 94.2 | 107.2 | 67.4 | 99.2 | 102.3 | 91.7 | 108.3 | 87.3 |
| Feb | 97.6 | 72.2 | 99.6 | 94.9 | 107.2 | 68.0 | 96.4 | 104.5 | 89.1 | 107.4 | 87.9 |
| Mar | 97.4 | 74.2 | 99.3 | 93.0 | 107.3 | 69.4 | 98.4 | 102.2 | 90.1 | 107.7 | 87.4 |
| Apr | 96.8 | 73.6 | 98.4 | 93.6 | 109.0 | 69.6 | 93.8 | 102.2 | 88.2 | 106.9 | 87.5 |

Percentage change, latest year on previous year

| | | | | | | | | | | | |
|------|------|-------|------|------|------|-------|-------|------|-------|------|------|
| 2017 | 0.1 | -8.8 | 1.4 | -5.2 | 0.9 | -7.4 | 3.9 | -2.7 | 6.9 | -1.5 | -5.0 |
| 2018 | 3.5 | 5.0 | 3.9 | 2.0 | 0.5 | 5.7 | 6.1 | 7.5 | 4.1 | 2.2 | 1.8 |
| 2019 | 3.6 | 1.3 | 3.1 | 12.9 | -0.5 | 1.0 | 2.4 | 4.1 | -1.6 | 6.4 | 7.3 |
| 2020 | -8.4 | -19.4 | -8.9 | -2.2 | -1.8 | -21.6 | -13.8 | -0.9 | -15.9 | -6.5 | -8.1 |
| 2021 | 5.1 | -11.3 | 7.2 | 1.0 | 6.0 | -15.0 | 7.1 | 4.6 | 6.9 | 9.5 | -3.4 |

Percentage change, latest month on same month a year ago

| | | | | | | | | | | | |
|----------|-------|-------|-------|-------|------|-------|-------|------|-------|-------|-------|
| 2020 Feb | -2.0 | -28.6 | -0.1 | 6.5 | -0.3 | -33.1 | -3.8 | 1.8 | -1.8 | -0.9 | -7.7 |
| Mar | -8.9 | -31.0 | -9.1 | 5.4 | -0.2 | -35.3 | -15.3 | -1.6 | -17.3 | -6.4 | -9.3 |
| Apr | -25.5 | -24.4 | -30.2 | -9.8 | -8.6 | -23.1 | -36.9 | -8.6 | -42.7 | -31.9 | -12.6 |
| May | -21.6 | -20.2 | -24.9 | -11.5 | -8.9 | -20.6 | -26.5 | -3.2 | -39.2 | -23.2 | -13.3 |
| Jun | -12.4 | -0.6 | -15.6 | -6.3 | -3.6 | - | -22.3 | -1.7 | -27.1 | -11.3 | -3.8 |
| Jul | -7.7 | -11.9 | -9.2 | 0.5 | -1.5 | -13.8 | -12.4 | 1.5 | -18.6 | -5.6 | -5.0 |
| Aug | -5.2 | -15.7 | -5.6 | 2.6 | -1.9 | -17.1 | -9.7 | 4.2 | -13.0 | -3.2 | -5.0 |
| Sep | -5.0 | -20.8 | -4.7 | 0.4 | -0.5 | -23.3 | -9.0 | - | -10.3 | -2.1 | -6.8 |
| Oct | -4.7 | -11.7 | -4.3 | -6.3 | 0.6 | -12.2 | -9.3 | -0.9 | -9.4 | -0.4 | -7.3 |
| Nov | -2.9 | -14.2 | -1.3 | -8.1 | 0.4 | -15.5 | -6.2 | -0.8 | -4.5 | 2.8 | -9.9 |
| Dec | -2.8 | -9.2 | -2.7 | -2.9 | 2.0 | -9.1 | -12.8 | -0.6 | -5.8 | 0.8 | -5.6 |
| 2021 Jan | -3.9 | -10.7 | -4.8 | 1.8 | 1.0 | -12.1 | -6.5 | -0.7 | -10.5 | -0.1 | -4.3 |
| Feb | -3.5 | -16.1 | -4.1 | 3.2 | 3.8 | -18.4 | -3.8 | -4.1 | -7.3 | 1.6 | -5.2 |
| Mar | 3.7 | -7.5 | 5.0 | 1.8 | 3.9 | -8.4 | 2.3 | -2.1 | 9.9 | 8.0 | -3.2 |
| Apr | 30.1 | -19.9 | 41.9 | 16.2 | 11.5 | -29.7 | 41.7 | 10.3 | 65.2 | 53.2 | - |
| May | 23.7 | -18.6 | 30.8 | 21.7 | 11.1 | -25.6 | 20.2 | 12.9 | 42.0 | 35.8 | 5.0 |
| Jun | 9.8 | -36.0 | 16.1 | 6.7 | 6.6 | -44.0 | 20.9 | 5.7 | 21.2 | 17.2 | -7.7 |
| Jul | 4.8 | -15.1 | 7.8 | -2.1 | 5.6 | -19.6 | 9.7 | 2.3 | 9.3 | 9.3 | -5.3 |
| Aug | 3.3 | 3.9 | 4.5 | -5.8 | 5.2 | 2.7 | 3.5 | 1.3 | 4.1 | 5.3 | -1.4 |
| Sep | 1.9 | 5.0 | 2.8 | -7.2 | 4.1 | 4.7 | 4.6 | 4.1 | 0.8 | 3.8 | -2.7 |
| Oct | 0.3 | -4.3 | 1.2 | -6.9 | 5.2 | -5.7 | -0.6 | 8.0 | -4.9 | 1.7 | -5.2 |
| Nov | 0.2 | -3.1 | 0.3 | -4.8 | 7.8 | -5.1 | -0.6 | 8.1 | -5.3 | 0.2 | -3.2 |
| Dec | 1.0 | -7.9 | 2.4 | -7.9 | 6.8 | -11.7 | 10.3 | 11.8 | -1.8 | -0.2 | -7.2 |
| 2022 Jan | 3.2 | -5.2 | 5.4 | -7.5 | 5.9 | -7.1 | 10.9 | 3.5 | 3.7 | 7.6 | -4.2 |
| Feb | 2.1 | 0.1 | 3.5 | -7.1 | 4.2 | - | 4.2 | 5.5 | -2.8 | 6.6 | -2.6 |
| Mar | 0.7 | -1.0 | 1.9 | -7.9 | 3.5 | -3.2 | 10.8 | 0.6 | -2.5 | 5.9 | -3.4 |
| Apr | 0.7 | 18.8 | 0.5 | -10.1 | 6.5 | 25.1 | 6.3 | 1.0 | -3.9 | 3.1 | -0.1 |

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 | 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 | 78.4 | 724.6 | 109.7 | 87.4 | 65.8 | 66.6 | 193.8 | 269.3 | 243.0 | 220.1 | |
| | K222 | K224 | K22A | K248 | K24C | K226 | K24Q | K24R | K24S | K24O | K24T | |
| Percentage change, latest month on previous month | | | | | | | | | | | | |
| 2020 Feb | 0.3 | 0.5 | 0.6 | -1.1 | -1.1 | 1.0 | 0.5 | 3.7 | 0.2 | -1.7 | -0.1 | |
| Mar | -5.8 | -5.7 | -7.5 | 0.3 | 0.6 | -6.2 | -9.8 | 0.4 | -15.0 | -5.1 | -1.8 | |
| Apr | -20.8 | -4.6 | -25.8 | -9.7 | -7.9 | 1.2 | -28.2 | -11.6 | -33.9 | -28.1 | -6.3 | |
| May | 6.3 | 2.5 | 9.0 | -2.2 | 0.3 | -0.5 | 21.2 | 3.7 | 11.2 | 12.9 | -0.4 | |
| Jun | 11.1 | 13.0 | 12.3 | 7.2 | 6.2 | 12.3 | 3.2 | 2.2 | 19.6 | 15.8 | 7.1 | |
| Jul | 5.7 | -7.8 | 7.9 | 5.4 | 1.2 | -9.8 | 11.1 | 5.3 | 10.3 | 6.7 | - | |
| Aug | 1.8 | -4.8 | 3.1 | - | -0.3 | -4.9 | 4.3 | 0.2 | 6.7 | 2.7 | -1.5 | |
| Sep | 0.8 | -3.3 | 1.3 | 0.4 | 0.6 | -4.3 | 0.3 | -3.3 | 2.7 | 1.9 | - | |
| Oct | 0.9 | 3.5 | 1.4 | -3.2 | 0.5 | 4.4 | 1.6 | -0.5 | 2.3 | 2.0 | -0.8 | |
| Nov | 1.0 | -4.2 | 1.9 | -0.8 | -0.2 | -5.2 | 2.4 | -0.5 | 3.5 | 2.6 | -2.1 | |
| Dec | -0.4 | 2.1 | -1.4 | 3.6 | 1.4 | 4.7 | -9.1 | -1.0 | -2.3 | -1.0 | 3.7 | |
| 2021 Jan | -1.3 | -0.8 | -1.9 | 1.0 | 0.2 | -3.5 | 4.4 | 1.6 | -4.3 | -1.4 | -1.5 | |
| Feb | 0.8 | -5.5 | 1.3 | 0.2 | 1.6 | -6.2 | 3.4 | 0.2 | 3.8 | - | -1.0 | |
| Mar | 1.2 | 3.9 | 1.4 | -1.1 | 0.7 | 5.3 | -4.1 | 2.5 | 0.8 | 0.9 | 0.2 | |
| Apr | -0.6 | -17.4 | 0.3 | 3.1 | -1.2 | -22.4 | -0.6 | -0.5 | -0.7 | 2.0 | -3.3 | |
| May | 1.1 | 4.1 | 0.4 | 4.5 | - | 5.2 | 2.8 | 6.2 | -4.5 | - | 4.6 | |
| Jun | -1.4 | -11.2 | -0.3 | -6.1 | 1.8 | -15.4 | 3.7 | -4.4 | 2.0 | -0.1 | -5.9 | |
| Jul | 0.9 | 22.3 | 0.3 | -3.3 | 0.3 | 29.6 | 0.8 | 1.9 | -0.5 | -0.5 | 2.6 | |
| Aug | 0.4 | 16.5 | -0.1 | -3.8 | -0.6 | 21.5 | -1.5 | -0.8 | 1.6 | -1.1 | 2.6 | |
| Sep | -0.6 | -2.3 | -0.3 | -1.0 | -0.6 | -2.5 | 1.3 | -0.6 | -0.5 | 0.4 | -1.3 | |
| Oct | -0.7 | -5.6 | -0.2 | -2.9 | 1.6 | -6.1 | -3.4 | 3.2 | -3.5 | -0.1 | -3.3 | |
| Nov | 1.0 | -2.9 | 1.1 | 1.5 | 2.3 | -4.5 | 2.5 | -0.4 | 3.1 | 1.1 | -0.1 | |
| Dec | 0.4 | -3.0 | 0.6 | 0.2 | 0.5 | -2.6 | 0.8 | 2.5 | 1.3 | -1.4 | -0.6 | |
| 2022 Jan | 0.9 | 2.1 | 0.9 | 1.4 | -0.6 | 1.5 | 5.0 | -5.9 | 1.0 | 6.3 | 1.6 | |
| Feb | -0.3 | -0.2 | -0.6 | 0.7 | - | 1.0 | -2.9 | 2.2 | -2.7 | -0.9 | 0.7 | |
| Mar | -0.2 | 2.8 | -0.2 | -2.0 | - | 1.9 | 2.0 | -2.2 | 1.1 | 0.3 | -0.6 | |
| Apr | -0.6 | -0.8 | -1.0 | 0.6 | 1.7 | 0.4 | -4.6 | -0.1 | -2.1 | -0.7 | 0.1 | |
| Percentage change, latest 3 months on same 3 months a year ago² | | | | | | | | | | | | |
| 2020 Feb | -1.8 | -33.0 | 0.6 | 8.5 | 0.1 | -38.2 | -1.2 | -0.5 | -1.4 | 2.8 | -9.2 | |
| Mar | -4.4 | -30.6 | -3.0 | 5.5 | 0.2 | -35.3 | -7.0 | -0.3 | -6.8 | -1.5 | -9.3 | |
| Apr | -12.1 | -28.2 | -13.0 | 0.5 | -3.0 | -30.9 | -18.6 | -2.8 | -20.3 | -13.0 | -9.8 | |
| May | -18.6 | -25.5 | -21.3 | -5.5 | -5.9 | -26.9 | -26.1 | -4.4 | -32.9 | -20.4 | -11.7 | |
| Jun | -19.8 | -15.6 | -23.5 | -9.2 | -7.0 | -15.2 | -28.5 | -4.5 | -36.2 | -22.1 | -9.9 | |
| Jul | -13.9 | -11.2 | -16.6 | -5.8 | -4.7 | -11.8 | -20.5 | -1.1 | -28.4 | -13.3 | -7.4 | |
| Aug | -8.4 | -9.5 | -10.1 | -1.1 | -2.3 | -10.4 | -14.8 | 1.3 | -19.6 | -6.7 | -4.6 | |
| Sep | -6.0 | -16.2 | -6.5 | 1.1 | -1.3 | -18.1 | -10.3 | 1.9 | -14.0 | -3.6 | -5.6 | |
| Oct | -5.0 | -16.2 | -4.9 | -1.2 | -0.6 | -17.7 | -9.3 | 1.1 | -10.9 | -1.9 | -6.4 | |
| Nov | -4.2 | -15.7 | -3.4 | -4.8 | 0.2 | -17.2 | -8.2 | -0.6 | -8.1 | 0.1 | -8.0 | |
| Dec | -3.4 | -11.7 | -2.8 | -5.8 | 1.0 | -12.3 | -9.4 | -0.8 | -6.6 | 1.0 | -7.6 | |
| 2021 Jan | -3.2 | -11.4 | -2.9 | -3.2 | 1.1 | -12.2 | -8.5 | -0.7 | -6.9 | 1.1 | -6.6 | |
| Feb | -3.4 | -12.0 | -3.9 | 0.6 | 2.2 | -13.2 | -7.7 | -1.9 | -7.9 | 0.8 | -5.0 | |
| Mar | -1.3 | -11.5 | -1.5 | 2.3 | 2.9 | -13.0 | -2.8 | -2.3 | -3.3 | 3.1 | -4.2 | |
| Apr | 8.4 | -14.4 | 11.2 | 6.8 | 6.3 | -18.8 | 9.9 | 1.0 | 15.7 | 17.3 | -2.9 | |
| May | 18.0 | -15.2 | 23.9 | 12.8 | 8.7 | -21.3 | 19.2 | 6.7 | 35.0 | 29.8 | 0.5 | |
| Jun | 20.6 | -25.3 | 28.7 | 14.7 | 9.6 | -33.5 | 26.7 | 9.6 | 40.7 | 33.8 | -1.1 | |
| Jul | 12.3 | -23.7 | 17.5 | 8.3 | 7.7 | -30.3 | 16.6 | 6.8 | 22.7 | 19.8 | -2.8 | |
| Aug | 5.9 | -16.6 | 9.2 | -0.5 | 5.8 | -21.5 | 10.9 | 3.0 | 11.1 | 10.4 | -4.8 | |
| Sep | 3.3 | -2.4 | 5.0 | -5.0 | 5.0 | -4.5 | 5.9 | 2.5 | 4.6 | 6.1 | -3.1 | |
| Oct | 1.8 | 1.5 | 2.8 | -6.7 | 4.8 | 0.5 | 2.5 | 4.4 | -0.1 | 3.6 | -3.1 | |
| Nov | 0.8 | -0.8 | 1.4 | -6.3 | 5.7 | -2.1 | 1.1 | 6.7 | -3.2 | 1.9 | -3.7 | |
| Dec | 0.5 | -5.1 | 1.3 | -6.6 | 6.6 | -7.5 | 2.8 | 9.3 | -4.0 | 0.6 | -5.2 | |
| 2022 Jan | 1.5 | -5.4 | 2.7 | -6.8 | 6.8 | -8.0 | 6.7 | 7.8 | -1.3 | 2.5 | -4.9 | |
| Feb | 2.1 | -4.4 | 3.7 | -7.5 | 5.6 | -6.5 | 8.4 | 6.9 | -0.4 | 4.6 | -4.7 | |
| Mar | 2.0 | -2.1 | 3.5 | -7.5 | 4.5 | -3.5 | 8.5 | 3.2 | -0.6 | 6.7 | -3.4 | |
| Apr | 1.2 | 5.2 | 1.9 | -8.4 | 4.7 | 6.0 | 7.0 | 2.4 | -3.1 | 5.2 | -2.1 | |

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 | 78.4 | 724.6 | 109.7 | 87.4 | 65.8 | 66.6 | 193.8 | 269.3 | 243.0 | 220.1 | |
| | K222 | K224 | K22A | K248 | K24C | K226 | K24Q | K24R | K24S | K24O | K24T | |
| Percentage change, latest 3 months on previous 3 months² | | | | | | | | | | | | |
| 2020 Feb | -0.8 | -6.1 | - | -2.8 | 0.1 | -6.5 | -3.8 | 1.0 | -1.2 | -0.3 | -2.6 | |
| Mar | -2.5 | -3.6 | -2.2 | -5.2 | 0.6 | -3.9 | -7.2 | 3.4 | -5.5 | -2.9 | -3.9 | |
| Apr | -10.4 | -5.4 | -12.2 | -7.2 | -2.6 | -3.8 | -16.7 | 0.8 | -19.4 | -13.8 | -5.6 | |
| May | -17.2 | -7.3 | -20.9 | -8.1 | -5.0 | -5.0 | -22.6 | -3.4 | -31.9 | -21.0 | -7.1 | |
| Jun | -17.7 | -2.5 | -22.0 | -7.9 | -5.8 | 0.9 | -22.6 | -7.4 | -32.1 | -20.9 | -5.6 | |
| Jul | -3.1 | 2.9 | -4.4 | -0.5 | -0.6 | 2.6 | -2.2 | -1.4 | -9.0 | -0.7 | -0.8 | |
| Aug | 11.2 | 5.6 | 13.6 | 7.0 | 4.2 | 3.4 | 13.4 | 4.0 | 20.3 | 17.4 | 3.9 | |
| Sep | 17.1 | -3.6 | 22.5 | 10.4 | 5.4 | -7.3 | 23.9 | 7.1 | 34.8 | 24.6 | 3.4 | |
| Oct | 10.1 | -7.2 | 13.8 | 5.0 | 3.1 | -9.2 | 13.7 | 2.0 | 23.3 | 14.2 | 0.5 | |
| Nov | 4.9 | -8.2 | 7.5 | -0.3 | 1.1 | -9.8 | 8.7 | -2.0 | 13.6 | 8.2 | -2.2 | |
| Dec | 2.6 | -2.6 | 4.1 | -2.3 | 1.1 | -2.4 | 1.7 | -3.3 | 8.0 | 5.6 | -1.5 | |
| 2021 Jan | 1.2 | -2.0 | 1.7 | -0.1 | 1.4 | -2.1 | -1.2 | -2.0 | 2.9 | 3.4 | -0.7 | |
| Feb | - | -2.0 | -0.5 | 2.7 | 2.2 | -2.0 | -3.3 | -0.3 | -1.0 | 0.4 | 0.6 | |
| Mar | -0.3 | -3.3 | -0.9 | 2.9 | 2.4 | -4.7 | -0.4 | 1.8 | -2.0 | -0.9 | -0.4 | |
| Apr | 0.3 | -8.6 | 0.5 | 2.4 | 2.3 | -11.0 | - | 2.5 | 0.3 | - | -1.8 | |
| May | 1.2 | -10.7 | 1.9 | 3.0 | 1.0 | -13.9 | - | 5.1 | -0.2 | 1.8 | -1.6 | |
| Jun | 0.7 | -17.8 | 1.8 | 3.3 | 0.4 | -22.9 | 0.9 | 3.9 | -1.3 | 2.6 | -2.5 | |
| Jul | 0.4 | -8.2 | 1.0 | 0.9 | 0.7 | -11.9 | 3.8 | 4.3 | -3.5 | 1.4 | -0.8 | |
| Aug | -0.2 | 3.8 | 0.2 | -5.7 | 1.4 | 3.1 | 5.5 | 0.4 | -1.1 | -0.1 | -1.6 | |
| Sep | 0.3 | 26.0 | - | -8.6 | 0.9 | 33.3 | 3.6 | 0.2 | 0.2 | -1.2 | 1.2 | |
| Oct | -0.1 | 23.4 | -0.4 | -9.5 | 0.4 | 30.9 | -0.1 | -0.3 | 0.4 | -1.2 | 0.2 | |
| Nov | -0.2 | 9.1 | -0.1 | -6.1 | 1.0 | 12.5 | -0.9 | 1.5 | -1.0 | -0.2 | -1.0 | |
| Dec | -0.2 | -5.3 | 0.4 | -3.8 | 2.7 | -5.6 | -1.2 | 3.1 | -0.9 | 0.1 | -3.6 | |
| 2022 Jan | 0.9 | -8.6 | 1.6 | -0.3 | 3.3 | -10.4 | 2.8 | 1.2 | 1.7 | 2.3 | -2.6 | |
| Feb | 1.3 | -5.6 | 1.7 | 1.4 | 2.1 | -6.4 | 3.7 | -0.1 | 1.9 | 3.2 | -0.5 | |
| Mar | 1.2 | -0.2 | 1.3 | 1.9 | 0.4 | -0.6 | 5.1 | -3.8 | 1.4 | 5.1 | 1.4 | |
| Apr | 0.1 | 1.7 | -0.2 | 0.6 | 0.3 | 2.5 | 0.4 | -2.6 | -1.6 | 2.7 | 1.2 | |

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

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 | 110.8 | 25.5 | 48.0 | 14.2 | 44.3 | 49.0 |
| | K22B | K22P | K22T | K22X | K22Z | K239 |
| 2017 | 86.5 | 87.6 | 93.1 | 99.4 | 80.6 | 94.1 |
| 2018 | 96.7 | 92.6 | 94.6 | 78.8 | 86.5 | 94.8 |
| 2019 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2020 | 94.7 | 87.9 | 90.4 | 87.1 | 106.3 | 113.1 |
| 2021 | 98.0 | 104.0 | 101.3 | 87.5 | 110.6 | 117.4 |
| 2021 Q1 | 93.9 | 96.7 | 98.8 | 75.7 | 111.9 | 115.5 |
| Q2 | 99.5 | 106.3 | 103.2 | 89.0 | 112.3 | 113.3 |
| Q3 | 99.3 | 105.5 | 102.2 | 93.8 | 108.3 | 114.9 |
| Q4 | 99.3 | 107.3 | 101.1 | 91.4 | 109.8 | 125.7 |
| 2022 Q1 | 101.9 | 107.7 | 103.8 | 97.9 | 105.5 | 109.5 |
| 2021 Feb | 93.8 | 94.1 | 99.0 | 75.0 | 111.8 | 114.8 |
| Mar | 94.9 | 100.4 | 99.8 | 75.6 | 110.9 | 117.9 |
| Apr | 99.4 | 103.1 | 103.7 | 80.2 | 114.4 | 101.7 |
| May | 99.9 | 106.4 | 103.8 | 90.6 | 111.7 | 127.1 |
| Jun | 99.1 | 109.4 | 102.2 | 96.1 | 110.8 | 111.2 |
| Jul | 99.8 | 106.9 | 103.3 | 94.5 | 109.3 | 117.2 |
| Aug | 99.4 | 106.5 | 100.8 | 95.2 | 108.6 | 113.8 |
| Sep | 98.8 | 103.1 | 102.5 | 91.8 | 107.1 | 113.7 |
| Oct | 99.7 | 108.4 | 102.5 | 91.2 | 109.1 | 122.3 |
| Nov | 99.9 | 107.9 | 101.4 | 91.5 | 110.4 | 120.1 |
| Dec | 98.3 | 105.5 | 99.5 | 91.5 | 109.9 | 134.6 |
| 2022 Jan | 101.4 | 111.8 | 103.4 | 93.6 | 111.0 | 105.7 |
| Feb | 102.1 | 107.9 | 104.1 | 97.3 | 104.6 | 114.5 |
| Mar | 102.2 | 103.5 | 103.9 | 102.8 | 101.0 | 108.3 |
| Apr | 101.5 | 102.6 | 103.9 | 99.1 | 100.5 | 108.3 |

Percentage change, latest year on previous year

| | | | | | | |
|------|------|-------|------|-------|------|------|
| 2017 | -3.7 | 8.3 | -1.4 | -6.6 | -5.7 | -2.1 |
| 2018 | 11.7 | 5.8 | 1.7 | -20.7 | 7.3 | 0.7 |
| 2019 | 3.5 | 7.9 | 5.7 | 27.0 | 15.7 | 5.6 |
| 2020 | -5.3 | -12.1 | -9.6 | -12.9 | 6.3 | 13.1 |
| 2021 | 3.5 | 18.2 | 12.1 | 0.4 | 4.1 | 3.8 |

Percentage change, latest month on same month a year ago

| | | | | | | |
|----------|-------|-------|-------|-------|-------|-------|
| 2020 Feb | -1.7 | 6.2 | -1.4 | 12.0 | 2.5 | 5.7 |
| Mar | -4.8 | -14.9 | -8.8 | 5.4 | 5.6 | 5.8 |
| Apr | -14.1 | -58.9 | -34.4 | -21.6 | 1.4 | 21.9 |
| May | -11.1 | -36.2 | -26.2 | -28.3 | 1.5 | 24.9 |
| Jun | -6.6 | -13.7 | -16.3 | -22.5 | 0.2 | 16.6 |
| Jul | -2.5 | -6.0 | -6.3 | -23.7 | 5.6 | 13.2 |
| Aug | -3.4 | -1.9 | -7.1 | -23.6 | 8.9 | 24.3 |
| Sep | -4.5 | -9.9 | -7.0 | -3.3 | 6.0 | 17.7 |
| Oct | -4.3 | -9.0 | -6.4 | -15.6 | 7.0 | 11.8 |
| Nov | -3.2 | -3.9 | -2.2 | -18.6 | 15.1 | 8.7 |
| Dec | -3.7 | 1.5 | -1.4 | -23.2 | 14.0 | 12.5 |
| 2021 Jan | -5.2 | -2.3 | -2.8 | -28.0 | 6.6 | 14.3 |
| Feb | -6.2 | -8.4 | 0.5 | -31.0 | 8.2 | 6.1 |
| Mar | -3.2 | 17.8 | 6.4 | -25.8 | 2.5 | -0.7 |
| Apr | 15.2 | 151.5 | 54.9 | 3.1 | 15.2 | -16.1 |
| May | 12.9 | 70.3 | 44.3 | 21.8 | 10.6 | 5.4 |
| Jun | 8.8 | 27.6 | 23.7 | 30.3 | 10.9 | -6.0 |
| Jul | 3.7 | 11.5 | 12.3 | 23.1 | 5.4 | -3.4 |
| Aug | 3.6 | 8.5 | 8.7 | 26.4 | 1.0 | -4.8 |
| Sep | 3.1 | 10.8 | 9.2 | 3.4 | 0.4 | 3.4 |
| Oct | 3.8 | 14.2 | 7.2 | 2.1 | 0.3 | 13.1 |
| Nov | 4.1 | 10.6 | 3.2 | 5.3 | -2.8 | 13.0 |
| Dec | 4.0 | 5.1 | 1.8 | 6.4 | -6.2 | 27.6 |
| 2022 Jan | 9.1 | 16.9 | 5.8 | 22.4 | -1.7 | -7.2 |
| Feb | 8.8 | 14.6 | 5.1 | 29.8 | -6.4 | -0.2 |
| Mar | 7.6 | 3.1 | 4.1 | 36.0 | -8.9 | -8.1 |
| Apr | 2.1 | -0.5 | 0.2 | 23.7 | -12.2 | 6.5 |

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 | 52.8 | 81.3 | 50.5 | 18.0 | 54.6 | 108.3 | 67.4 |
| | K23B | K23G | K23N | K23P | K23R | K23T | K23Z |
| 2017 | 91.2 | 100.8 | 92.2 | 90.4 | 97.7 | 101.0 | 95.6 |
| 2018 | 94.4 | 100.2 | 98.5 | 89.1 | 106.7 | 101.9 | 98.5 |
| 2019 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 | 100.0 |
| 2020 | 93.2 | 89.4 | 88.7 | 94.0 | 80.2 | 77.1 | 94.2 |
| 2021 | 109.2 | 93.4 | 92.0 | 102.4 | 94.2 | 77.3 | 106.0 |
| 2021 Q1 | 106.2 | 91.8 | 91.2 | 103.4 | 91.3 | 83.0 | 102.9 |
| Q2 | 110.0 | 94.1 | 91.2 | 105.0 | 97.7 | 75.0 | 106.0 |
| Q3 | 109.7 | 93.5 | 92.6 | 102.3 | 96.7 | 75.4 | 108.1 |
| Q4 | 111.0 | 94.1 | 92.8 | 99.0 | 91.0 | 75.9 | 107.1 |
| 2022 Q1 | 116.0 | 102.0 | 96.3 | 103.7 | 93.0 | 73.4 | 112.8 |
| 2021 Feb | 105.0 | 90.5 | 93.7 | 105.6 | 89.6 | 84.3 | 103.8 |
| Mar | 109.9 | 92.4 | 90.5 | 104.4 | 96.3 | 84.0 | 102.9 |
| Apr | 113.2 | 92.7 | 89.5 | 104.9 | 96.9 | 81.7 | 104.2 |
| May | 108.7 | 95.0 | 91.9 | 107.1 | 97.8 | 69.2 | 105.8 |
| Jun | 108.1 | 94.5 | 92.1 | 103.0 | 98.4 | 74.1 | 108.0 |
| Jul | 109.6 | 93.2 | 92.6 | 103.7 | 94.9 | 74.4 | 108.7 |
| Aug | 109.6 | 92.9 | 92.5 | 101.8 | 96.0 | 77.3 | 108.2 |
| Sep | 110.0 | 94.3 | 92.6 | 101.3 | 99.1 | 74.6 | 107.4 |
| Oct | 110.6 | 93.2 | 90.2 | 99.1 | 88.7 | 73.0 | 108.1 |
| Nov | 112.3 | 95.4 | 92.7 | 98.7 | 94.1 | 75.1 | 107.5 |
| Dec | 110.2 | 93.8 | 95.4 | 99.1 | 90.3 | 79.7 | 105.8 |
| 2022 Jan | 117.4 | 99.7 | 99.2 | 105.2 | 96.4 | 75.2 | 110.7 |
| Feb | 115.6 | 103.0 | 94.8 | 101.1 | 92.3 | 71.3 | 113.1 |
| Mar | 115.1 | 103.3 | 94.9 | 104.7 | 90.4 | 73.8 | 114.6 |
| Apr | 116.1 | 103.5 | 90.6 | 102.5 | 89.1 | 74.1 | 109.8 |

Percentage change, latest year on previous year

| | | | | | | | |
|------|------|-------|-------|------|-------|-------|------|
| 2017 | 0.6 | -2.7 | 4.5 | 4.2 | 8.2 | 7.6 | 5.2 |
| 2018 | 3.5 | -0.6 | 6.8 | -1.5 | 9.1 | 0.8 | 3.1 |
| 2019 | 6.0 | -0.2 | 1.6 | 12.3 | -6.2 | -1.8 | 1.5 |
| 2020 | -6.9 | -10.6 | -11.3 | -6.0 | -19.8 | -22.9 | -5.8 |
| 2021 | 17.3 | 4.5 | 3.7 | 8.9 | 17.5 | 0.3 | 12.6 |

Percentage change, latest month on same month a year ago

| | | | | | | | |
|----------|-------|-------|-------|-------|-------|-------|-------|
| 2020 Feb | 2.1 | -3.6 | -5.7 | 4.5 | -11.2 | -0.1 | 7.6 |
| Mar | -9.3 | -8.6 | -13.4 | 0.5 | -22.2 | -23.8 | -4.2 |
| Apr | -46.8 | -30.3 | -27.0 | -31.6 | -48.9 | -61.5 | -30.1 |
| May | -29.1 | -25.7 | -18.2 | -22.7 | -39.2 | -62.6 | -22.2 |
| Jun | -10.7 | -14.1 | -17.3 | -15.6 | -26.3 | -41.8 | -14.8 |
| Jul | -3.4 | -12.8 | -9.9 | -10.1 | -19.4 | -29.5 | -5.6 |
| Aug | -0.6 | -9.9 | -6.8 | 1.2 | -18.5 | -21.3 | -0.4 |
| Sep | 1.0 | -6.5 | -7.4 | 1.0 | -16.5 | -12.6 | -3.7 |
| Oct | 2.4 | -4.7 | -8.8 | 1.5 | -12.1 | -12.1 | -1.3 |
| Nov | 5.3 | -4.5 | -5.3 | 5.3 | -6.4 | -4.4 | -1.4 |
| Dec | 2.6 | -7.3 | -13.7 | -10.2 | -3.2 | -8.1 | -0.2 |
| 2021 Jan | 1.7 | -6.4 | -6.1 | -1.7 | -3.5 | -20.3 | -2.0 |
| Feb | 3.2 | -6.6 | -1.4 | 4.5 | -2.3 | -15.9 | -2.4 |
| Mar | 19.7 | 1.2 | 1.9 | 6.4 | 20.2 | 9.1 | 7.2 |
| Apr | 111.9 | 35.3 | 24.8 | 52.1 | 86.0 | 134.5 | 45.7 |
| May | 54.9 | 27.5 | 9.2 | 37.0 | 58.8 | 82.5 | 34.9 |
| Jun | 21.7 | 11.5 | 10.6 | 19.3 | 32.3 | 23.0 | 27.5 |
| Jul | 13.5 | 6.3 | 4.7 | 12.0 | 19.1 | 2.8 | 16.8 |
| Aug | 10.5 | 3.3 | 0.9 | 0.2 | 19.6 | -3.4 | 9.3 |
| Sep | 8.3 | 0.5 | 0.7 | -0.7 | 21.0 | -15.1 | 11.0 |
| Oct | 7.8 | -2.2 | -3.3 | -1.9 | 3.2 | -18.6 | 9.0 |
| Nov | 7.1 | -0.6 | -2.9 | -6.0 | 4.0 | -19.4 | 6.7 |
| Dec | 5.2 | -1.1 | 12.4 | 8.4 | -2.5 | -12.5 | 5.5 |
| 2022 Jan | 13.1 | 7.9 | 10.9 | 5.1 | 9.4 | -6.9 | 8.5 |
| Feb | 10.0 | 13.9 | 1.2 | -4.3 | 3.0 | -15.5 | 8.9 |
| Mar | 4.8 | 11.8 | 4.9 | 0.2 | -6.1 | -12.1 | 11.3 |
| Apr | 2.6 | 11.7 | 1.2 | -2.3 | -8.0 | -9.4 | 5.4 |

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

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

IOP5 Output of the Production Industries

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 | 110.8 | 25.5 | 48.0 | 18.5 | 44.3 | 49.0 |
| | K22B | K22P | K22T | K22X | K22Z | K239 |

Percentage change, latest month on previous month

| | | | | | | | |
|------|------|-------|-------|-------|-------|-------|-------|
| 2020 | Feb | 2.0 | 5.0 | -2.0 | 2.3 | -2.5 | 8.5 |
| | Mar | -1.9 | -17.1 | -4.8 | -6.2 | 4.6 | 9.7 |
| | Apr | -11.9 | -51.9 | -28.6 | -23.7 | -8.2 | 2.1 |
| | May | 2.5 | 52.3 | 7.4 | -4.3 | 1.7 | -0.5 |
| | Jun | 3.0 | 37.3 | 14.8 | -0.8 | -1.1 | -1.8 |
| | Jul | 5.6 | 11.7 | 11.3 | 4.1 | 3.8 | 2.5 |
| | Aug | -0.2 | 2.5 | 0.9 | -2.0 | 3.7 | -1.4 |
| | Sep | -0.1 | -5.2 | 1.3 | 17.9 | -0.8 | -8.0 |
| | Oct | 0.2 | 2.0 | 1.8 | 0.7 | 2.0 | -1.7 |
| | Nov | - | 2.7 | 2.7 | -2.7 | 4.4 | -1.7 |
| | Dec | -1.5 | 3.0 | -0.5 | -1.1 | 3.1 | -0.7 |
| | 2021 | Jan | -1.7 | -4.7 | -0.1 | -11.0 | -3.6 |
| Feb | | 0.9 | -1.6 | 1.3 | -2.0 | -1.0 | 0.8 |
| Mar | | 1.2 | 6.7 | 0.8 | 0.8 | -0.8 | 2.7 |
| Apr | | 4.8 | 2.7 | 3.9 | 6.1 | 3.2 | -13.7 |
| May | | 0.5 | 3.1 | 0.1 | 13.0 | -2.4 | 25.0 |
| Jun | | -0.8 | 2.9 | -1.6 | 6.1 | -0.8 | -12.5 |
| Jul | | 0.7 | -2.3 | 1.1 | -1.6 | -1.3 | 5.3 |
| Aug | | -0.4 | -0.3 | -2.4 | 0.6 | -0.6 | -2.9 |
| Sep | | -0.6 | -3.2 | 1.7 | -3.5 | -1.4 | -0.1 |
| Oct | | 0.9 | 5.1 | - | -0.7 | 1.9 | 7.6 |
| Nov | | 0.2 | -0.5 | -1.1 | 0.3 | 1.2 | -1.8 |
| Dec | | -1.6 | -2.2 | -1.9 | - | -0.4 | 12.1 |
| 2022 | Jan | 3.2 | 6.0 | 3.9 | 2.3 | 1.0 | -21.5 |
| | Feb | 0.6 | -3.5 | 0.6 | 3.9 | -5.7 | 8.4 |
| | Mar | 0.1 | -4.1 | -0.2 | 5.7 | -3.5 | -5.4 |
| | Apr | -0.6 | -0.8 | - | -3.6 | -0.5 | - |

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

| | | | | | | | |
|------|------|-------|-------|-------|-------|-------|------|
| 2020 | Feb | -2.4 | 3.8 | 0.8 | 18.9 | 5.5 | -1.7 |
| | Mar | -3.3 | -2.4 | -2.7 | 10.6 | 5.0 | 2.8 |
| | Apr | -6.8 | -22.8 | -14.9 | -1.6 | 3.2 | 10.9 |
| | May | -10.0 | -36.6 | -23.0 | -15.2 | 2.8 | 17.0 |
| | Jun | -10.6 | -36.3 | -25.7 | -24.2 | 1.0 | 21.1 |
| | Jul | -6.7 | -18.4 | -16.2 | -24.9 | 2.4 | 18.0 |
| | Aug | -4.2 | -7.2 | -9.9 | -23.3 | 4.9 | 17.8 |
| | Sep | -3.5 | -6.0 | -6.8 | -17.2 | 6.9 | 18.2 |
| | Oct | -4.1 | -7.0 | -6.8 | -14.5 | 7.3 | 17.9 |
| | Nov | -4.0 | -7.6 | -5.2 | -13.0 | 9.3 | 12.7 |
| | Dec | -3.7 | -3.9 | -3.3 | -19.2 | 12.0 | 11.0 |
| | 2021 | Jan | -4.0 | -1.5 | -2.1 | -23.3 | 11.8 |
| Feb | | -5.0 | -3.1 | -1.2 | -27.3 | 9.6 | 10.8 |
| Mar | | -4.9 | 1.5 | 1.2 | -28.3 | 5.7 | 6.2 |
| Apr | | 1.3 | 29.9 | 16.6 | -20.0 | 8.5 | -3.9 |
| May | | 7.8 | 64.2 | 32.0 | -3.0 | 9.2 | -3.8 |
| Jun | | 12.2 | 68.5 | 39.8 | 18.2 | 12.2 | -5.6 |
| Jul | | 8.4 | 32.2 | 25.4 | 25.0 | 8.9 | -1.3 |
| Aug | | 5.3 | 15.4 | 14.6 | 26.6 | 5.6 | -4.7 |
| Sep | | 3.5 | 10.3 | 10.0 | 16.9 | 2.2 | -1.7 |
| Oct | | 3.5 | 11.1 | 8.3 | 9.8 | 0.5 | 3.6 |
| Nov | | 3.6 | 11.9 | 6.5 | 3.6 | -0.8 | 9.8 |
| Dec | | 4.0 | 9.9 | 4.0 | 4.6 | -3.0 | 17.9 |
| 2022 | Jan | 5.7 | 10.8 | 3.6 | 10.9 | -3.6 | 10.7 |
| | Feb | 7.3 | 12.1 | 4.2 | 18.9 | -4.8 | 6.2 |
| | Mar | 8.5 | 11.4 | 5.0 | 29.4 | -5.7 | -5.2 |
| | Apr | 6.1 | 5.5 | 3.1 | 29.7 | -9.2 | -1.0 |

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

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 | 52.8 | 81.3 | 50.5 | 18.0 | 54.6 | 108.3 | 67.4 |
| | K23B | K23G | K23N | K23P | K23R | K23T | K23Z |

Percentage change, latest month on previous month

| | | | | | | | | |
|------|------|-------|-------|-------|-------|-------|-------|-------|
| 2020 | Feb | -0.2 | -1.9 | -0.3 | -0.7 | 0.5 | -1.1 | 2.0 |
| | Mar | -9.9 | -5.7 | -6.6 | -2.9 | -12.7 | -23.2 | -9.7 |
| | Apr | -41.8 | -25.0 | -19.2 | -29.7 | -35.0 | -54.7 | -25.5 |
| | May | 31.4 | 8.6 | 17.4 | 13.3 | 18.2 | 8.7 | 9.6 |
| | Jun | 26.5 | 13.8 | -1.1 | 10.5 | 20.8 | 58.9 | 8.0 |
| | Jul | 8.8 | 3.5 | 6.3 | 7.3 | 7.2 | 20.2 | 9.9 |
| | Aug | 2.6 | 2.5 | 3.6 | 9.6 | 0.6 | 10.5 | 6.3 |
| | Sep | 2.5 | 4.4 | 0.3 | 0.5 | 2.1 | 9.9 | -2.2 |
| | Oct | 1.0 | 1.5 | 1.5 | -0.9 | 5.0 | 2.1 | 2.5 |
| | Nov | 2.2 | 0.7 | 2.3 | 3.8 | 5.3 | 3.8 | 1.6 |
| | Dec | -0.1 | -1.1 | -11.1 | -12.9 | 2.4 | -2.1 | -0.4 |
| | 2021 | Jan | -0.9 | -2.6 | 5.4 | 9.5 | -4.9 | -11.4 |
| Feb | | 1.2 | -2.1 | 4.7 | 5.5 | 1.7 | 4.4 | 1.6 |
| Mar | | 4.6 | 2.2 | -3.4 | -1.1 | 7.5 | -0.4 | -0.8 |
| Apr | | 3.0 | 0.3 | -1.0 | 0.5 | 0.7 | -2.7 | 1.3 |
| May | | -3.9 | 2.4 | 2.7 | 2.1 | 0.9 | -15.4 | 1.5 |
| Jun | | -0.6 | -0.4 | 0.2 | -3.8 | 0.7 | 7.1 | 2.1 |
| Jul | | 1.4 | -1.4 | 0.6 | 0.7 | -3.6 | 0.5 | 0.7 |
| Aug | | - | -0.3 | -0.1 | -1.9 | 1.1 | 3.8 | -0.5 |
| Sep | | 0.4 | 1.6 | 0.1 | -0.5 | 3.2 | -3.5 | -0.7 |
| Oct | | 0.5 | -1.2 | -2.6 | -2.1 | -10.4 | -2.1 | 0.7 |
| Nov | | 1.6 | 2.3 | 2.8 | -0.5 | 6.0 | 2.8 | -0.6 |
| Dec | | -1.9 | -1.6 | 2.9 | 0.5 | -4.0 | 6.2 | -1.6 |
| 2022 | Jan | 6.5 | 6.2 | 4.0 | 6.1 | 6.7 | -5.7 | 4.7 |
| | Feb | -1.5 | 3.4 | -4.4 | -3.9 | -4.2 | -5.2 | 2.1 |
| | Mar | -0.4 | 0.3 | 0.2 | 3.6 | -2.1 | 3.5 | 1.4 |
| | Apr | 0.9 | 0.2 | -4.6 | -2.1 | -1.4 | 0.3 | -4.2 |

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

| | | | | | | | | |
|------|------|-------|-------|-------|-------|-------|-------|-------|
| 2020 | Feb | 4.1 | 1.5 | -2.1 | 6.2 | -10.8 | 0.5 | 6.5 |
| | Mar | -1.1 | -4.1 | -7.2 | 3.7 | -15.1 | -7.5 | 3.6 |
| | Apr | -18.0 | -14.0 | -15.3 | -9.2 | -27.4 | -27.3 | -9.1 |
| | May | -28.3 | -21.5 | -19.4 | -18.1 | -36.7 | -48.9 | -18.9 |
| | Jun | -28.9 | -23.4 | -20.8 | -23.2 | -38.2 | -55.0 | -22.4 |
| | Jul | -14.3 | -17.6 | -15.2 | -16.1 | -28.4 | -44.6 | -14.3 |
| | Aug | -4.9 | -12.3 | -11.4 | -8.2 | -21.4 | -30.9 | -6.9 |
| | Sep | -1.0 | -9.7 | -8.0 | -2.7 | -18.1 | -21.2 | -3.2 |
| | Oct | 0.9 | -7.0 | -7.7 | 1.2 | -15.7 | -15.4 | -1.8 |
| | Nov | 2.9 | -5.3 | -7.2 | 2.6 | -11.7 | -9.8 | -2.1 |
| | Dec | 3.4 | -5.5 | -9.2 | -1.2 | -7.3 | -8.3 | -1.0 |
| | 2021 | Jan | 3.2 | -6.1 | -8.4 | -2.2 | -4.4 | -11.1 |
| Feb | | 2.5 | -6.8 | -7.2 | -2.5 | -3.0 | -14.8 | -1.6 |
| Mar | | 7.8 | -4.1 | -2.0 | 3.0 | 4.1 | -10.6 | 0.7 |
| Apr | | 32.8 | 7.4 | 7.1 | 17.4 | 26.3 | 17.9 | 13.5 |
| May | | 54.0 | 19.5 | 11.1 | 29.0 | 50.1 | 56.9 | 27.2 |
| Jun | | 55.3 | 23.9 | 14.4 | 34.9 | 55.8 | 69.2 | 35.5 |
| Jul | | 27.7 | 14.5 | 8.1 | 22.0 | 35.0 | 27.7 | 25.9 |
| Aug | | 15.0 | 7.0 | 5.3 | 10.0 | 23.5 | 6.2 | 17.4 |
| Sep | | 10.7 | 3.3 | 2.1 | 3.6 | 19.9 | -5.8 | 12.3 |
| Oct | | 8.8 | 0.5 | -0.6 | -0.8 | 14.4 | -12.7 | 9.8 |
| Nov | | 7.7 | -0.8 | -1.8 | -2.9 | 9.1 | -17.7 | 8.9 |
| Dec | | 6.7 | -1.3 | 1.7 | -0.2 | 1.5 | -16.8 | 7.1 |
| 2022 | Jan | 8.5 | 2.0 | 6.5 | 2.2 | 3.5 | -13.2 | 6.9 |
| | Feb | 9.4 | 6.7 | 8.0 | 2.8 | 3.2 | -11.7 | 7.7 |
| | Mar | 9.2 | 11.1 | 5.6 | 0.2 | 1.9 | -11.6 | 9.6 |
| | Apr | 5.7 | 12.4 | 2.4 | -2.1 | -3.9 | -12.3 | 8.5 |

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 | 110.8 | 25.5 | 48.0 | 18.5 | 44.3 | 49.0 | |
| | K22B | K22P | K22T | K22X | K22Z | K239 | |
| Percentage change, latest 3 months on previous 3 months | | | | | | | |
| 2020 | Feb | -1.2 | -3.1 | -1.8 | 7.3 | 3.7 | 4.7 |
| | Mar | -0.6 | -6.1 | -2.9 | -2.5 | 4.7 | 13.2 |
| | Apr | -3.7 | -23.2 | -13.6 | -11.3 | 1.1 | 19.5 |
| | May | -7.8 | -37.0 | -22.0 | -22.3 | -1.2 | 19.5 |
| | Jun | -10.2 | -33.8 | -24.4 | -28.7 | -5.4 | 10.3 |
| | Jul | -3.0 | 6.5 | -5.0 | -22.0 | -2.0 | 3.5 |
| | Aug | 3.8 | 48.2 | 14.9 | -11.1 | 0.9 | -0.3 |
| | Sep | 8.3 | 51.7 | 25.8 | 6.6 | 5.9 | -2.6 |
| | Oct | 4.4 | 17.3 | 14.5 | 12.7 | 6.1 | -6.2 |
| | Nov | 1.6 | 2.1 | 7.7 | 17.3 | 5.8 | -9.7 |
| | Dec | -0.5 | 2.0 | 4.7 | 8.9 | 6.8 | -8.8 |
| 2021 | Jan | -1.5 | 2.6 | 4.1 | -1.6 | 6.4 | -3.6 |
| | Feb | -2.3 | 1.6 | 2.3 | -10.4 | 3.9 | 3.0 |
| | Mar | -1.7 | -0.9 | 1.6 | -13.4 | -1.2 | 8.3 |
| | Apr | 1.6 | 1.4 | 3.0 | -7.5 | -1.9 | 2.7 |
| | May | 4.6 | 6.8 | 4.3 | 3.7 | -1.4 | 3.7 |
| | Jun | 6.0 | 9.9 | 4.4 | 17.5 | 0.4 | -1.9 |
| | Jul | 3.7 | 8.4 | 2.2 | 21.9 | -1.6 | 6.3 |
| | Aug | 1.4 | 4.2 | -0.4 | 16.0 | -2.4 | -1.3 |
| | Sep | -0.1 | -0.7 | -1.0 | 5.5 | -3.5 | 1.4 |
| | Oct | -0.3 | -1.4 | -1.1 | -1.1 | -2.1 | -1.6 |
| | Nov | - | -1.1 | 0.1 | -4.0 | -0.7 | 4.1 |
| | Dec | -0.1 | 1.7 | -1.0 | -2.6 | 1.4 | 9.4 |
| 2022 | Jan | 0.6 | 2.2 | -0.5 | -0.6 | 2.0 | 3.0 |
| | Feb | 1.1 | 1.8 | 0.2 | 2.9 | -0.3 | -0.4 |
| | Mar | 2.6 | 0.4 | 2.6 | 7.1 | -3.9 | -12.9 |
| | Apr | 2.0 | -3.5 | 2.4 | 8.2 | -7.6 | -8.1 |

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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 | 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 | 52.8 | 81.3 | 50.5 | 18.0 | 54.6 | 108.3 | 67.4 |
| | K23B | K23G | K23N | K23P | K23R | K23T | K23Z |

Percentage change, latest 3 months on previous 3 months

| | | | | | | | | |
|------|-----|-------|-------|-------|-------|-------|-------|-------|
| 2020 | Feb | 1.8 | -1.0 | -4.5 | 1.4 | -4.7 | 0.3 | 2.6 |
| | Mar | -2.1 | -5.3 | -7.4 | - | -9.3 | -6.7 | 1.2 |
| | Apr | -18.7 | -14.9 | -13.2 | -11.5 | -21.0 | -28.8 | -10.7 |
| | May | -29.6 | -21.4 | -15.3 | -19.5 | -30.4 | -50.2 | -20.9 |
| | Jun | -28.1 | -20.6 | -14.3 | -22.4 | -28.5 | -52.3 | -23.5 |
| | Jul | 3.5 | -3.8 | 0.2 | -4.1 | -3.7 | -19.6 | -6.5 |
| | Aug | 32.1 | 12.0 | 7.7 | 14.4 | 20.9 | 42.0 | 12.5 |
| | Sep | 40.0 | 19.2 | 13.8 | 26.9 | 28.6 | 80.6 | 23.0 |
| | Oct | 18.7 | 13.0 | 8.2 | 18.5 | 15.0 | 51.0 | 15.1 |
| | Nov | 8.6 | 8.7 | 6.6 | 9.8 | 10.2 | 27.3 | 7.2 |
| | Dec | 5.0 | 5.4 | 0.6 | 0.4 | 11.3 | 14.0 | 3.9 |
| 2021 | Jan | 3.3 | 1.5 | -2.6 | -2.7 | 9.3 | 2.9 | 2.8 |
| | Feb | 1.4 | -2.6 | -4.5 | -3.5 | 4.7 | -5.3 | 3.2 |
| | Mar | 2.1 | -3.8 | - | 4.3 | 1.8 | -9.1 | 2.9 |
| | Apr | 4.7 | -2.7 | 1.4 | 6.3 | 4.3 | -5.6 | 2.6 |
| | May | 5.8 | 0.8 | 1.5 | 6.5 | 7.7 | -8.3 | 2.3 |
| | Jun | 3.5 | 2.5 | - | 1.6 | 7.0 | -9.7 | 3.0 |
| | Jul | -0.5 | 2.6 | 1.1 | -0.4 | 3.0 | -13.0 | 3.8 |
| | Aug | -1.3 | 0.2 | 2.0 | -2.5 | -0.6 | -3.9 | 3.8 |
| | Sep | -0.2 | -0.6 | 1.5 | -2.6 | -1.1 | 0.6 | 1.9 |
| | Oct | 1.2 | -0.8 | -0.5 | -3.7 | -2.5 | 3.3 | 0.3 |
| | Nov | 1.7 | 0.8 | -0.6 | -3.0 | -2.6 | -1.4 | -0.6 |
| | Dec | 1.2 | 0.7 | 0.2 | -3.2 | -5.8 | 0.7 | -0.9 |
| 2022 | Jan | 2.9 | 3.0 | 4.3 | 0.2 | -1.1 | 2.3 | 0.1 |
| | Feb | 3.0 | 4.8 | 5.0 | 2.1 | -1.0 | 1.6 | 2.1 |
| | Mar | 4.5 | 8.4 | 3.8 | 4.7 | 2.2 | -3.3 | 5.3 |
| | Apr | 2.0 | 7.3 | -2.4 | 1.8 | -3.2 | -4.7 | 4.2 |

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