

Statistical bulletin

Index of Production, UK: February 2021

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.



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1 . Main points

- Monthly production increased by 1.0% in February 2021 meaning it was 3.5% below its level in February 2020, the last month of "normal" trading conditions prior to the coronavirus (COVID-19) pandemic.
- The increase in production was driven by increases of 1.3% in manufacturing, 1.4% in water supply and sewage, and 0.5% in electricity and gas; these were offset partially by a fall in mining and quarrying of 2.1%.
- The 1.3% rise in manufacturing means it was 4.2% below its level in February 2020; the rise in manufacturing over the month was driven by higher output in 7 of the 13 manufacturing subsectors, the largest being a rise of 9% in manufacturing of computer, electronic and optical products.
- Production output for the three months to February 2021 fell by 0.1% compared with the three months to November 2020.
- Production output for the three months to February 2021 fell by 3.3% compared with the three months to February 2020.
- The coronavirus pandemic had a significant negative impact on production output last year and during February 2021; for further and detailed analysis of the effect on our monthly Index of Production estimate, please see our article [Coronavirus and the impact on output in the UK economy, UK: February 2021](#), published today (13 April 2021).

2 . Index of Production data

[Index of Production time series](#)

Dataset DIOP | Released 13 April 2021

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 April 2021

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 April 2021

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

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

Dataset | Released 13 April 2021

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 April 2021

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 the [Related data page](#).

3 . Measuring the data

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

The majority 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 [VAT turnover data in national accounts: background and methodology](#).

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

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

More about economy, business and jobs

- All ONS analysis, summarised in our [economy, business and jobs roundup](#).
- Explore the latest trends in employment, prices and trade in our [economic dashboard](#).
- View [all economic data](#).

End of EU exit transition period

As the UK enters into a new Trade and Co-operation Agreement with the EU, the UK statistical system will continue to produce and publish our wide range of economic and social statistics and analysis. We are committed to continued alignment with the highest international statistical standards, enabling comparability both over time and internationally, and ensuring the general public, statistical users and decision-makers have the data they need to be informed.

Additionally, the Withdrawal Agreement outlines a need for UK gross national income (a fundamental component of the national accounts, which includes GDP) statistics to remain in line with those of other EU countries until EU budget contributions are finalised for the years in which we were a member, and making budget contributions during the transition period. To ensure this comparability during this period, the national accounts will continue to be produced according to European System of Accounts (ESA) 2010 definitions and standards until at least 2024.

As the shape of the UK's future statistical relationship with the EU becomes clearer over the coming period, the ONS is making preparations to assume responsibilities that as part of our membership of the EU, and during the transition period, were delegated to the statistical office of the EU, Eurostat. This includes responsibilities relating to international comparability of economic statistics, deciding what international statistical guidance to apply in the UK context and to provide further scrutiny of our statistics and sector classification decisions.

In applying international statistical standards and best practice to UK economic statistics, we will draw on the technical advice of experts in the UK and internationally, and our work will be underpinned by the UK's well-established and robust framework for independent official statistics, set out in the Statistics and Registration Service Act 2007. Further information on our proposals will be made available later this year.

Coronavirus (COVID-19)

The Office for National Statistics' (ONS) Monthly Business Survey (MBS) is fully online, meaning that business owners can logon 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 impacted than survey data.

Our latest data and analysis on the impact of the coronavirus (COVID-19) on the UK economy and population is now available on a [new web page](#). This will be the hub for all special coronavirus-related publications, including the fortnightly Business Impact of Coronavirus (COVID-19) Survey (BICS).

The ONS has released a [public statement](#) on COVID-19 and the production of statistics. Specific queries must be directed to the [Media Relations Office](#).

4 . Related links

[Coronavirus and the impact on output in the UK economy, UK: February 2021](#)

Article | Released 13 April 2021

Analysis of monthly growth for the production, services and construction industries in the UK economy between December 2020 and January 2021, highlighting the early impact from the coronavirus (COVID-19) pandemic.

[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 amongst 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 ONS data and IHS Markit and Chartered Institute of Procurement and Supply Purchasing Managers' Indices.

[GDP monthly estimate, UK: February 2021](#)

Bulletin | Released 13 April 2021

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 and includes the Index of Production (IoP), Index of Services (IoS) and construction output in Great Britain.

[Producer price inflation, UK: February 2021](#)

Bulletin | Released 24 March 2021

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 \(ProdCom\): 2019 results](#)

Bulletin | Released 1 July 2020

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: March 2021](#)

Bulletin | Released 25 February 2021

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.

IOP5 Output of the production industries

Chained volume indices of gross value added¹

Seasonally adjusted 2018 = 100

Section	Broad industry groups					Main industrial groupings					
	Production industries B+C+D+E	Mining and quarrying B	Manufacturing C	Electricity, gas, steam and air conditioning D	Water supply, sewerage and waste management E	Oil and gas extraction 06	Consumer durables MIG-CD	Consumer non-durables MIG-CND	Capital goods MIG-CAG	Intermediate goods MIG-IG	Energy MIG-NRG
Latest weight	1 000.0	80.9	725.1	102.2	91.8	68.2	67.9	199.0	278.7	231.6	213.2
	K222	K224	K22A	K248	K24C	K226	K24Q	K24R	K24S	K24O	K24T
2016	97.3	94.3	96.6	103.3	99.2	92.6	87.0	98.4	92.6	99.7	99.9
2017	99.1	95.0	98.9	101.2	101.5	93.6	90.0	98.6	97.3	100.8	98.9
2018	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2019	98.8	99.1	98.2	101.1	100.4	99.1	100.5	102.3	94.6	98.6	100.6
2020	90.9 [†]	91.6 [†]	88.9 [†]	97.1 [†]	99.1 [†]	92.0 [†]	87.6 [†]	101.5 [†]	79.0 [†]	91.0	95.8 [†]
2019 Q4	97.9	98.4	96.8	103.2	99.8	98.5	99.8	101.0	93.1	97.1	101.6
2020 Q1	95.9 [†]	94.4 [†]	95.1 [†]	98.5 [†]	100.8 [†]	94.3 [†]	93.5 [†]	103.5 [†]	88.4	95.7	98.0 [†]
Q2	80.1	92.2	75.2	91.8	95.2	94.5	73.6	96.5	61.1 [†]	76.1	93.8
Q3	92.9	91.6	91.2	99.4	99.9	91.6	90.6	104.5	80.6	93.5 [†]	96.3
Q4	94.8	88.1	94.2	98.6	100.5	87.7	92.6	101.7	85.9	98.5	95.1
2019 Dec	97.2	96.4	96.3	101.8	100.1	96.9	97.8	99.7	92.3	97.3	100.6
2020 Jan	97.5 [†]	96.5 [†]	96.9 [†]	99.1 [†]	101.0 [†]	96.3 [†]	97.2 [†]	101.1 [†]	92.7 [†]	98.1 [†]	98.8 [†]
Feb	97.6	96.3	97.4	98.3	100.3	96.4	96.4	104.2	92.2	97.1	98.7
Mar	92.5	90.4	90.9	98.1	101.0	90.0	86.8	105.1	80.1	92.0	96.6
Apr	74.2	88.4	68.0	89.8	93.3	92.3	65.1	93.5	53.2	66.2	92.1
May	78.9	90.6	74.0	90.9	93.5	92.7	74.0	96.5	58.6	75.4	92.9
Jun	87.2	97.5	83.5	94.7	99.0	98.6	81.6	99.7	71.4	86.6	96.2
Jul	92.1	94.8	89.7	99.5	100.1	94.9	89.5	105.3	77.9	91.8	97.3
Aug	93.0	91.2	91.4	99.7	99.7	91.4	90.0	105.5	80.5	93.5	96.3
Sep	93.5	88.8	92.5	99.1	100.0	88.4	92.3	102.7	83.4	95.3	95.4
Oct	94.2	89.5	93.6	97.6	100.1	89.4	92.9	102.9	84.7	96.8	95.0
Nov	95.0	85.6	94.9	98.8	100.1	84.3	94.2	101.5	86.9	99.5	94.0
Dec	95.0	89.2	94.3	99.5	101.4	89.5	90.8	100.6	86.2	99.3	96.3
2021 Jan	93.3	87.3	92.1	99.6	101.6	86.4	87.7	101.9	81.4	97.6	94.8
Feb	94.2	85.5	93.3	100.1	103.0	82.4	93.6	101.4	85.2	98.1	93.6
Percentage change, latest year on previous year											
2016	1.1	-2.3	0.3	3.6	6.3	3.8	0.3	0.1	2.2	-2.7	2.6
2017	1.8	0.7	2.3	-2.1	2.3	1.2	3.5	0.2	5.1	1.2	-0.9
2018	0.9	5.3	1.1	-1.2	-1.4	6.8	11.1	1.4	2.8	-0.8	1.1
2019	-1.2	-0.9	-1.8	1.1	0.4	-0.9	0.5	2.3	-5.4	-1.4	0.6
2020	-8.0 [†]	-7.6 [†]	-9.5 [†]	-4.0 [†]	-1.3 [†]	-7.1 [†]	-12.8 [†]	-0.7 [†]	-16.5 [†]	-7.7 [†]	-4.7 [†]
Percentage change, latest month on same month a year ago											
2018 Dec	-1.1	23.7	-1.8	-5.4	-2.6	34.2	4.5	2.6	-3.9	-3.3	3.3
2019 Jan	-0.7	-1.3	-0.8	1.4	-1.1	-2.3	2.0	5.5	-6.3	-0.1	1.4
Feb	-0.5	2.7	0.1	-6.6	-0.6	2.6	-0.7	5.4	-5.6	1.9	-2.2
Mar	1.0	10.6	1.6	-8.2	0.5	11.6	0.1	10.8	-5.1	1.9	-0.8
Apr	-2.4	-5.4	-2.8	-1.1	1.9	-6.4	-0.6	3.6	-9.8	-0.2	-1.9
May	-0.2	0.2	-1.5	7.3	2.1	0.8	3.7	0.5	-4.4	-0.9	4.6
Jun	-1.2	-1.7	-2.4	7.1	0.1	-0.7	-2.9	-0.2	-4.4	-2.2	2.8
Jul	-1.9	-7.9	-1.9	0.7	-0.2	-8.3	0.4	2.9	-4.6	-3.3	-2.1
Aug	-2.6	-6.8	-2.9	-	0.3	-7.7	-0.4	0.7	-5.4	-3.4	-2.3
Sep	-2.2	5.5	-3.7	-0.1	0.7	7.1	-0.8	0.3	-6.5	-3.6	1.3
Oct	-0.8	-2.2	-1.6	5.6	-0.2	-2.4	5.3	1.0	-2.6	-3.1	2.1
Nov	-1.3	-0.4	-2.7	5.9	0.4	-0.7	0.6	-0.4	-4.9	-2.3	2.8
Dec	-1.7	-2.7	-2.6	3.3	0.9	-2.8	-1.1	-1.9	-4.6	-1.5	1.3
2020 Jan	-2.2 [†]	-0.5 [†]	-3.1 [†]	-1.8 [†]	2.3 [†]	0.5 [†]	-4.3 [†]	-2.2 [†]	-4.0 [†]	-2.8	-1.0 [†]
Feb	-2.3	-2.8	-3.1	0.6	0.7	-2.1	-4.5	0.5	-4.6	-4.6 [†]	0.1
Mar	-8.6	-12.7	-10.5	-0.2	1.0	-13.3	-14.7	-2.6	-17.4	-9.0	-4.0
Apr	-24.4	-8.7	-30.3	-11.4	-6.9	-4.1	-35.8	-8.9	-42.4	-32.9	-7.8
May	-20.6	-9.1	-24.9	-11.5	-8.2	-7.2	-28.7	-3.8	-39.3	-23.4	-8.7
Jun	-11.9	0.2	-14.9	-8.6	-3.2	1.1	-17.1	-1.8	-25.2	-11.9	-4.7
Jul	-6.7	-1.7	-8.8	-1.1	-0.8	-1.6	-11.4	1.9	-18.0	-5.8	-2.0
Aug	-4.7	-7.1	-5.6	0.1	-1.4	-6.5	-9.0	5.1	-14.0	-3.9	-3.0
Sep	-4.8	-16.4	-4.6	-0.1	-0.8	-17.8	-5.9	1.4	-10.5	-2.3	-6.2
Oct	-4.6	-9.7	-4.5	-5.9	0.4	-9.7	-10.3	0.9	-10.7	-1.0	-6.8
Nov	-2.7	-14.0	-1.4	-5.0	0.6	-15.3	-4.1	0.1	-5.6	3.2	-8.1
Dec	-2.3	-7.4	-2.2	-2.2	1.3	-7.7	-7.1	0.9	-6.6	2.1	-4.3
2021 Jan	-4.3	-9.5	-5.0	0.5	0.5	-10.3	-9.8	0.8	-12.2	-0.4	-4.0
Feb	-3.5	-11.3	-4.2	1.8	2.7	-14.5	-2.9	-2.7	-7.6	1.0	-5.1

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

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

IOP5 Output of the production industries

Chained volume indices of gross value added¹

continued

Seasonally adjusted 2018 = 100

Section	Broad industry groups					Main industrial groupings					
	Production industries B+C+D+E	Mining and quarrying B	Manufacturing C	Electricity, gas, steam and air conditioning D	Water supply, sewerage and waste management E	Oil and gas extraction 06	Consumer durables MIG-CD	Consumer non-durables MG-CND	Capital goods MG-CAG	Intermediate goods MIG-IG	Energy MG-NRG
Latest weight	1 000.0	80.9	725.1	102.2	91.8	68.2	67.9	199.0	278.7	231.6	213.2
Percentage change, latest month on previous month											
2018 Dec	-	-1.0	-	0.2	-	-0.6	1.2	-0.1	-0.1	0.2	-0.2
2019 Jan	0.9	-2.0	1.1	2.5	-0.4	-3.9	2.7	1.7	-0.1	2.0	0.5
Feb	0.2	2.2	0.4	-3.2	0.8	2.8	-0.7	0.2	0.1	1.0	-1.3
Mar	1.2	4.4	1.1	0.6	0.4	5.5	0.9	4.1	0.3	-0.7	2.1
Apr	-3.1	-6.4	-3.9	3.1	0.2	-7.3	-0.4	-4.9	-4.7	-2.4	-0.6
May	1.2	3.0	1.0	1.3	1.6	3.8	2.3	-2.2	4.6	-0.3	1.8
Jun	-0.3	-2.4	-0.4	1.0	0.5	-2.3	-5.2	1.2	-1.2	-	-0.8
Jul	-0.4	-0.9	0.2	-3.0	-1.4	-1.1	2.7	1.9	-0.5	-0.8	-1.6
Aug	-1.0	1.7	-1.5	-1.0	0.3	1.4	-2.1	-2.9	-1.4	-0.3	-
Sep	0.6	8.3	-	-0.4	-0.3	10.0	-0.8	1.0	-0.5	0.3	2.4
Oct	0.6	-6.8	1.1	4.6	-1.1	-8.0	5.5	0.5	1.8	0.3	0.3
Nov	-1.2	0.5	-1.8	0.3	-0.1	0.6	-5.1	-0.6	-3.0	-1.5	0.3
Dec	-0.4	-3.2	0.1	-2.2	0.5	-2.7	-0.5	-1.6	0.2	1.0	-1.7
2020 Jan	0.3 [†]	0.2 [†]	0.6 [†]	-2.6 [†]	1.0 [†]	-0.6 [†]	-0.6 [†]	1.4 [†]	0.5 [†]	0.7	-1.8 [†]
Feb	0.2	-0.2	0.5	-0.9	-0.8	0.1	-0.8	3.1	-0.6	-1.0 [†]	-0.1
Mar	-5.2	-6.2	-6.6	-0.1	0.7	-6.6	-10.0	0.9	-13.1	-5.2	-2.1
Apr	-19.8	-2.2	-25.2	-8.5	-7.7	2.5	-25.0	-11.1	-33.6	-28.0	-4.6
May	6.3	2.6	8.8	1.2	0.2	0.4	13.6	3.2	10.2	13.8	0.8
Jun	10.6	7.6	12.8	4.3	5.9	6.3	10.2	3.3	21.7	14.9	3.6
Jul	5.6	-2.7	7.4	5.0	1.1	-3.8	9.7	5.6	9.1	6.0	1.1
Aug	1.0	-3.8	1.9	0.3	-0.3	-3.6	0.6	0.2	3.4	1.8	-1.1
Sep	0.6	-2.6	1.1	-0.7	0.3	-3.3	2.5	-2.6	3.6	1.9	-0.9
Oct	0.8	0.8	1.2	-1.5	0.1	1.1	0.6	0.1	1.5	1.6	-0.4
Nov	0.8	-4.4	1.4	1.3	-	-5.6	1.5	-1.4	2.6	2.7	-1.1
Dec	-	4.2	-0.6	0.7	1.3	6.1	-3.6	-0.8	-0.9	-0.1	2.4
2021 Jan	-1.8	-2.1	-2.3	-	0.2	-3.4	-3.5	1.3	-5.6	-1.7	-1.5
Feb	1.0	-2.1	1.3	0.5	1.4	-4.7	6.8	-0.5	4.6	0.5	-1.2
Percentage change, latest 3 months on same 3 months a year ago											
2018 Dec	-1.0	7.4	-1.1	-3.7	-2.6	9.8	6.0	2.6	-2.8	-2.5	0.9
2019 Jan	-1.0	6.3	-1.2	-2.6	-2.1	8.5	4.1	3.6	-4.1	-2.4	1.4
Feb	-0.8	7.4	-0.8	-3.6	-1.4	9.6	1.9	4.5	-5.3	-0.6	0.8
Mar	-0.1	3.9	0.3	-4.6	-0.4	3.8	0.5	7.2	-5.7	1.2	-0.5
Apr	-0.6	2.4	-0.4	-5.4	0.6	2.3	-0.4	6.6	-6.8	1.2	-1.6
May	-0.5	1.6	-0.9	-1.0	1.5	1.7	1.0	4.9	-6.4	0.2	0.6
Jun	-1.3	-2.3	-2.2	4.3	1.3	-2.2	-	1.3	-6.2	-1.1	1.8
Jul	-1.1	-3.2	-1.9	5.0	0.7	-2.9	0.4	1.0	-4.5	-2.2	1.7
Aug	-1.9	-5.5	-2.4	2.6	0.1	-5.7	-1.0	1.1	-4.8	-3.0	-0.6
Sep	-2.2	-3.2	-2.8	0.2	0.3	-3.1	-0.2	1.3	-5.5	-3.5	-1.1
Oct	-1.8	-1.2	-2.7	1.8	0.2	-1.1	1.4	0.7	-4.9	-3.4	0.4
Nov	-1.4	1.0	-2.7	3.8	0.3	1.4	1.7	0.3	-4.7	-3.0	2.1
Dec	-1.2	-1.7	-2.3	4.9	0.3	-1.9	1.6	-0.4	-4.0	-2.3	2.1
2020 Jan	-1.7 [†]	-1.2 [†]	-2.8	2.4	1.2 [†]	-1.0 [†]	-1.6 [†]	-1.5 [†]	-4.5	-2.2	1.0 [†]
Feb	-2.1	-2.0	-2.9 [†]	0.7 [†]	1.3	-1.5	-3.3	-1.2	-4.4	-3.0	0.1
Mar	-4.4	-5.4	-5.6	-0.5	1.3	-5.1	-7.9	-1.4	-8.7 [†]	-5.5	-1.6
Apr	-11.7	-8.1	-14.4	-3.8	-1.7	-6.6	-18.3	-3.6	-21.2	-15.4 [†]	-3.9
May	-17.8	-10.2	-21.8	-7.8	-4.7	-8.3	-26.4	-5.1	-32.9	-21.7	-6.8
Jun	-19.0	-5.9	-23.4	-10.5	-6.1	-3.4	-27.3	-4.9	-35.6	-22.8	-7.1
Jul	-13.1	-3.6	-16.2	-7.1	-4.0	-2.6	-19.2	-1.2	-27.6	-13.7	-5.1
Aug	-7.8	-2.9	-9.8	-3.2	-1.8	-2.3	-12.5	1.7	-19.1	-7.2	-3.2
Sep	-5.4	-8.6	-6.3	-0.4	-1.0	-9.0	-8.8	2.7	-14.2	-4.0	-3.8
Oct	-4.7	-11.2	-4.9	-2.0	-0.6	-11.5	-8.4	2.4	-11.7	-2.4	-5.4
Nov	-4.0	-13.5	-3.5	-3.7	0.1	-14.4	-6.8	0.8	-8.9	-	-7.0
Dec	-3.2	-10.4	-2.7	-4.4	0.8	-10.9	-7.2	0.6	-7.7	1.4	-6.4
2021 Jan	-3.1	-10.4	-2.9	-2.3	0.8	-11.1	-7.0	0.6	-8.1	1.6	-5.5
Feb	-3.3	-9.4	-3.8	-	1.5	-10.8	-6.6	-0.4	-8.8	0.9	-4.5

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

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

IOP5 Output of the production industries

Chained volume indices of gross value added¹

continued

Seasonally adjusted 2018 = 100

Section	Broad industry groups					Main industrial groupings					
	Production industries B+C+D+E	Mining and quarrying B	Manufacturing C	Electricity, gas, steam and air conditioning D	Water supply, sewerage and waste management E	Oil and gas extraction 06	Consumer durables MIG-CD	Consumer non-durables MG-CND	Capital goods MIG-CAG	Intermediate goods MIG-IG	Energy MG-NRG
Latest weight	1 000.0	80.9	725.1	102.2	91.8	68.2	67.9	199.0	278.7	231.6	213.2
Percentage change, latest 3 months on previous 3 months											
2018 Dec	-1.3	-3.4	-1.1	-1.2	-1.2	-3.2	-1.3	1.0	-2.4	-1.5	-1.6
2019 Jan	-0.9	-3.7	-0.7	0.2	-1.2	-3.9	0.5	1.7	-2.0	-1.5	-1.1
Feb	-0.1	-2.3	0.1	0.5	-0.5	-2.7	2.2	1.6	-1.4	0.3	-0.7
Mar	1.2	-0.3	1.6	0.7	-	-1.1	3.2	3.5	-0.3	1.9	0.1
Apr	0.6	1.1	0.6	-0.1	0.9	0.9	2.0	2.4	-1.4	1.1	0.2
May	-	1.6	-0.6	1.7	1.5	2.0	1.9	0.7	-1.3	-1.1	1.6
Jun	-1.5	-1.9	-2.5	3.6	1.9	-1.5	-0.2	-3.3	-2.0	-2.8	1.3
Jul	-0.8	-2.0	-1.5	3.2	1.7	-1.6	-0.3	-2.8	0.3	-2.5	1.0
Aug	-1.1	-2.7	-1.4	0.5	0.8	-2.7	-2.8	-1.8	-0.7	-1.7	-0.9
Sep	-0.7	2.4	-0.7	-2.7	-0.5	2.8	-1.8	0.3	-1.0	-1.0	-0.8
Oct	-0.8	3.4	-1.1	-1.4	-1.1	3.6	-0.9	-0.5	-1.9	-0.6	0.3
Nov	-0.2	4.5	-0.8	1.0	-1.4	5.0	0.5	-0.2	-1.4	-0.5	2.1
Dec	-0.3	-1.9	-0.5	3.4	-1.1	-2.1	0.5	-0.7	-0.9	-0.3	1.5
2020 Jan	-0.8 [†]	-3.7 [†]	-0.8	0.8	-0.3 [†]	-3.8 [†]	-2.5 [†]	-0.5 [†]	-1.6	-0.3	-0.4 [†]
Feb	-0.8	-5.2	-0.2	-2.5 [†]	0.4	-5.4	-2.9	0.1	-1.0	0.3	-2.6
Mar	-2.0	-4.0	-1.8 [†]	-4.5	1.0	-4.3	-6.4	2.4	-5.1 [†]	-1.5	-3.5
Apr	-9.6	-5.9	-11.5	-6.2	-2.0	-4.8	-15.3	0.2	-18.6	-12.5 [†]	-4.7
May	-16.0	-6.9	-19.9	-6.8	-4.5	-5.0	-22.4	-3.3	-30.8	-20.1	-5.5
Jun	-16.5	-2.4	-20.9	-6.8	-5.5	0.3	-21.3	-6.7	-30.9	-20.5	-4.3
Jul	-2.4	2.9	-3.5	-0.4	-0.7	2.7	-1.3	-0.4	-7.8	-0.6	-0.3
Aug	10.9	5.2	13.6	5.4	3.8	3.6	15.6	5.2	19.7	16.4	2.9
Sep	16.0	-0.6	21.3	8.3	4.9	-3.1	23.2	8.3	32.0	23.0	2.8
Oct	8.8	-4.8	12.2	4.0	2.5	-5.9	12.3	3.2	19.6	12.6	0.1
Nov	3.8	-6.9	6.1	0.5	0.5	-8.0	7.0	-1.1	11.0	7.2	-1.9
Dec	2.0	-3.8	3.3	-0.8	0.6	-4.2	2.2	-2.7	6.6	5.3	-1.3
2021 Jan	0.9	-2.8	1.4	0.5	1.1	-3.3	-0.9	-2.3	2.4	3.8	-0.6
Feb	-0.1	-0.7	-0.4	1.3	1.9	-1.5	-2.6	-1.0	-0.9	1.2	0.1

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

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

IOP5 Output of the production industries

Chained volume indices of gross value added¹

continued

Seasonally adjusted 2018 = 100

Section	Manufacturing sub-sectors						
	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	113.5	26.0	47.2	10.9	42.9		48.6
	K22B	K22P	K22T	K22X	K22Z		K239
2016	96.4	102.2	100.3	103.2	96.6		99.3
2017	98.2	101.8	101.1	104.3	98.7		97.9
2018	100.0	100.0	100.0	100.0	100.0		100.0
2019	101.6	99.7	100.9	103.0	98.7		106.5
2020	96.4 [†]	89.2 [†]	90.4 [†]	83.3	102.0 [†]		121.0
2019 Q4	101.0	99.3	100.4	104.2	95.7		102.3
2020 Q1	100.2 [†]	89.8 [†]	98.0 [†]	100.5	100.9 [†]		116.1 [†]
Q2	90.8	60.8	75.5	72.8	96.5		127.7
Q3	98.2	101.5	92.7	77.3	101.6		124.3
Q4	96.4	104.6	95.4	82.7	109.0		115.8
2019 Dec	99.8	95.7	98.7	106.8	97.8		99.8
2020 Jan	99.9 [†]	93.0 [†]	101.1 [†]	101.9	101.3 [†]		105.4
Feb	101.0	96.7	98.4	103.1	97.9		115.7 [†]
Mar	99.7	79.6	94.5	96.5	103.6		127.2
Apr	88.3	38.9	68.8	74.4	95.5		128.8
May	90.6	59.4	73.4	71.2	97.8		127.9
Jun	93.4	84.2	84.3	72.6	96.1		126.4
Jul	98.4	98.7	92.5	75.1	99.7		129.7
Aug	98.7	104.0	91.7	74.8	103.1		125.7
Sep	97.7	102.0	93.8	82.1	102.0		117.4
Oct	97.6	104.0	94.5	82.9	104.8		117.7
Nov	96.7	103.9	96.0	82.4	108.5		114.8
Dec	94.9	106.0	95.8	82.9	113.8		115.0
2021 Jan	94.4	103.3	94.0	77.2 [†]	111.4		122.3
Feb	94.6	99.5	93.9	74.3	108.5		121.4
Percentage change, latest year on previous year							
2016	0.2	-2.2	-1.2	-1.0	-6.2		2.9
2017	1.9	-0.4	0.8	1.1	2.1		-1.4
2018	1.8	-1.8	-1.1	-4.1	1.4		2.1
2019	1.6	-0.3	0.9	3.0	-1.3		6.5
2020	-5.1 [†]	-10.5 [†]	-10.4 [†]	-19.1	3.4 [†]		13.6
Percentage change, latest month on same month a year ago							
2018 Dec	2.8	-3.6	-1.1	0.2	8.7		5.3
2019 Jan	4.6	-0.8	1.1	13.4	8.4		12.1
Feb	5.1	1.6	2.7	18.0	7.2		12.1
Mar	6.4	5.5	6.2	9.1	7.9		24.6
Apr	3.0	2.2	4.7	6.9	-1.0		8.1
May	1.0	-2.9	-1.7	11.2	-		3.7
Jun	-1.5	-2.8	-0.3	-3.6	-1.1		6.1
Jul	-1.1	-1.4	-3.2	1.7	-6.6		20.4
Aug	0.4	-3.4	2.6	-7.7	-2.1		1.5
Sep	1.6	-0.4	0.2	-15.4	-5.6		-2.4
Oct	1.2	3.3	2.3	0.9	-4.2		-
Nov	0.3	-0.1	-1.9	-0.1	-11.2		-0.4
Dec	-1.1	-4.0	-1.4	5.1	-6.0		-5.1
2020 Jan	-2.7 [†]	-6.2 [†]	0.1 [†]	-5.5	-3.9 [†]		-3.8 [†]
Feb	-2.0	-2.5	-4.1	-5.7	-6.9		5.5
Mar	-4.7	-21.5	-9.8	-9.1	-0.8		6.7
Apr	-13.3	-61.3	-33.2	-29.6	-1.5		21.0
May	-10.5	-39.5	-25.9	-34.1	-1.2		26.0
Jun	-6.0	-14.4	-15.5	-25.6	-2.9		16.2
Jul	-1.8	-1.7	-6.2	-25.7	5.2		12.2
Aug	-2.6	5.4	-9.0	-23.4	8.4		24.8
Sep	-4.4	-0.4	-6.7	-8.2	5.1		18.1
Oct	-4.4	1.0	-7.5	-20.0 [†]	7.1		14.8
Nov	-4.1	4.6	-4.4	-19.4	18.5		9.6
Dec	-4.9	10.7	-2.9	-22.4	16.3		15.2
2021 Jan	-5.5	11.1	-7.0	-24.2	10.0		16.0
Feb	-6.3	3.0	-4.5	-27.9	10.8		4.9

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

Section	Manufacturing sub-sectors							
	Rubber and plastic products and non-metallic mineral products	Basic metals and metal products	Computer, electronic and optical products	Electrical equipment	Machinery and equipment n.e.c	Transport equipment	Other manufacturing and repair	
	CG	CH	CI	CJ	CK	CL	CM	
Latest weight	51.4	75.4	51.2	18.1	60.7	110.5	68.7	
2016	K23B 102.5	K23G 99.8	K23N 83.9	K23P 102.3	K23R 91.6	K23T 97.6	K23Z 92.9	
2017	101.7	100.4	87.8	105.3	97.7	100.7	98.7	
2018	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
2019	97.1	97.7	99.5	98.8	92.5	93.8	96.0	
2020	89.2 [†]	87.9 [†]	89.9 [†]	89.4 [†]	74.3 [†]	71.4 [†]	86.7 [†]	
2019 Q4	95.9	96.9	99.0	96.3	89.3	92.2	95.5	
2020 Q1	94.1 [†]	95.6 [†]	93.1 [†]	94.7 [†]	81.9 [†]	86.5 [†]	94.3 [†]	
Q2	69.0	74.5	81.7	74.4	58.4	42.6	72.5	
Q3	94.8	88.0	91.6	92.2	75.3	73.8	89.2	
Q4	98.7	93.4	93.4	96.3	81.6	82.6	90.7	
2019 Dec	96.9	98.3	96.6	98.0	88.5	91.9	95.0	
2020 Jan	97.4 [†]	97.7 [†]	96.5 [†]	96.2 [†]	85.7 [†]	93.8 [†]	95.4 [†]	
Feb	97.2	97.9	94.8	95.2	85.6	92.7	96.6	
Mar	87.6	91.1	87.8	92.6	74.5	73.0	90.9	
Apr	51.9	66.6	76.0	66.3	47.6	33.5	65.3	
May	68.9	73.7	81.8	74.8	57.7	36.5	72.9	
Jun	86.1	83.2	87.2	82.1	69.8	57.7	79.4	
Jul	92.4	85.8	90.8	88.2	74.5	68.2	87.8	
Aug	95.3	87.4	90.6	94.0	75.1	73.1	91.0	
Sep	96.8	90.9	93.4	94.4	76.3	80.0	88.9	
Oct	97.6	92.3	93.5	95.7	79.2	81.1	90.4	
Nov	99.7	94.8	94.7	99.3	81.9	83.8	91.6	
Dec	98.9	93.2	92.0	93.9	83.6	82.7	90.0	
2021 Jan	97.5	90.3	87.4	98.0	81.0	73.5	91.2	
Feb	98.9	89.2	95.2	103.6	82.5	77.6	93.1	
Percentage change, latest year on previous year								
2016	2.3	-3.2	-0.9	-4.3	-0.8	4.3	4.7	
2017	-0.8	0.6	4.6	2.9	6.7	3.2	6.3	
2018	-1.7	-0.4	13.9	-5.1	2.3	-0.7	1.3	
2019	-2.9	-2.3	-0.5	-1.2	-7.5	-6.2	-4.0	
2020	-8.1 [†]	-10.0 [†]	-9.6 [†]	-9.5 [†]	-19.7 [†]	-24.0 [†]	-9.7 [†]	
Percentage change, latest month on same month a year ago								
2018 Dec	-1.9	-11.2	5.5	-9.5	-6.3	-4.4	-4.8	
2019 Jan	-0.9	-3.6	2.2	-4.6	-10.1	-7.9	-6.0	
Feb	1.3	-3.5	-1.4	-2.5	-5.5	-7.1	-4.0	
Mar	0.7	-3.5	-1.0	3.1	-8.1	-4.6	-4.4	
Apr	-0.8	-4.3	-2.3	2.2	-7.6	-17.8	-1.0	
May	-3.0	-0.4	2.8	0.4	-5.6	-7.3	-2.5	
Jun	-5.4	-4.1	-3.7	3.7	-5.9	-1.5	-6.6	
Jul	-4.6	-3.1	-0.5	1.3	-7.7	-3.7	-5.5	
Aug	-5.2	-5.0	-3.4	-3.1	-7.4	-4.3	-3.7	
Sep	-5.4	-3.6	-2.3	-2.0	-8.2	-6.7	-5.6	
Oct	-5.1	-3.6	5.8	-6.1	-7.3	-2.1	-4.1	
Nov	-4.9	3.9	-	-5.5	-7.9	-5.5	-3.2	
Dec	-1.6	3.6	-2.0	-0.5	-8.9	-4.6	-1.7	
2020 Jan	-1.8 [†]	-1.6 [†]	-4.9 [†]	-2.5 [†]	-10.7 [†]	-1.8 [†]	0.1 [†]	
Feb	-2.2	-2.8	-5.9	-4.1	-10.6	-3.3	0.4	
Mar	-11.8	-8.2	-13.1	-8.5	-21.9	-24.1	-7.0	
Apr	-46.8	-31.3	-24.3	-34.5	-49.6	-60.6	-34.0	
May	-28.6	-24.7	-20.7	-25.3	-38.4	-61.8	-25.2	
Jun	-11.2	-13.8	-10.5	-18.7	-25.4	-40.5	-16.5	
Jul	-4.5	-12.1	-9.2	-12.0	-18.8	-29.0	-6.6	
Aug	-0.3	-9.3	-6.1	-3.6	-17.8	-23.0	-3.6	
Sep	1.1	-6.2	-3.0	-3.3	-15.1	-14.0	-7.6	
Oct	2.1	-3.9	-9.9	-0.2	-12.0	-14.0	-5.0	
Nov	4.8	-1.7	-2.2	4.5	-8.5	-7.4	-4.8	
Dec	2.1	-5.1	-4.8	-4.2	-5.5	-10.0	-5.2	
2021 Jan	0.1	-7.6	-9.4	1.9	-5.5	-21.6	-4.4	
Feb	1.7	-8.9	0.4	8.8	-3.6	-16.4	-3.6	

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IOP5 Output of the production industries

Chained volume indices of gross value added¹

continued

Seasonally adjusted 2018 = 100

Section	Manufacturing sub-sectors						
	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	113.5	26.0	47.2	10.9	42.9	48.6	
Percentage change, latest month on previous month							
2018 Dec	0.4	0.3	-2.2	-0.6	0.9	0.2	
2019 Jan	1.7	-0.6	1.0	6.1	1.2	4.1	
Feb	0.3	0.1	1.5	1.4	-0.2	0.1	
Mar	1.6	2.2	2.1	-2.9	-0.7	8.7	
Apr	-2.7	-0.8	-1.7	-0.4	-7.2	-10.7	
May	-0.7	-2.5	-3.9	2.2	2.1	-4.8	
Jun	-1.7	0.3	0.8	-9.7	-	7.3	
Jul	0.7	2.0	-1.2	3.6	-4.3	6.3	
Aug	1.1	-1.7	2.2	-3.4	0.4	-12.9	
Sep	0.9	3.8	-0.2	-8.5	1.9	-1.3	
Oct	-0.1	0.6	1.5	16.0	0.8	3.1	
Nov	-1.3	-3.5	-1.6	-1.4	-6.4	2.1	
Dec	-1.1	-3.6	-1.7	4.5	6.9	-4.6	
2020 Jan	0.1 [†]	-2.8 [†]	2.4 [†]	-4.6	3.5 [†]	5.5 [†]	
Feb	1.1	3.9	-2.7	1.2	-3.3	9.8	
Mar	-1.2	-17.6	-3.9	-6.4	5.8	10.0	
Apr	-11.5	-51.2	-27.2	-22.9	-7.9	1.3	
May	2.6	52.7	6.7	-4.3	2.4	-0.7	
Jun	3.2	41.8	14.8	1.9	-1.8	-1.1	
Jul	5.3	17.2	9.8	3.5 [†]	3.7	2.6	
Aug	0.3	5.4	-0.9	-0.4	3.5	-3.1	
Sep	-0.9	-1.9	2.3	9.7	-1.1	-6.6	
Oct	-0.1	1.9	0.7	1.0	2.7	0.2	
Nov	-0.9	-0.1	1.6	-0.6	3.6	-2.5	
Dec	-1.9	2.0	-0.2	0.6	4.9	0.3	
2021 Jan	-0.5	-2.5	-1.9	-6.9	-2.1	6.3	
Feb	0.3	-3.7	-0.1	-3.7	-2.6	-0.7	
Percentage change, latest 3 months on same 3 months a year ago							
2018 Dec	2.6	-2.5	-0.1	-0.5	7.0	4.0	
2019 Jan	3.0	-2.3	0.4	4.6	7.9	7.4	
Feb	4.1	-1.0	0.9	10.2	8.1	9.8	
Mar	5.3	2.0	3.3	13.4	7.8	16.2	
Apr	4.8	3.1	4.5	11.2	4.7	14.8	
May	3.4	1.5	3.0	9.1	2.3	12.0	
Jun	0.8	-1.2	0.9	4.7	-0.7	6.0	
Jul	-0.5	-2.4	-1.7	3.0	-2.6	9.9	
Aug	-0.7	-2.5	-0.3	-3.3	-3.3	9.2	
Sep	0.3	-1.8	-0.2	-7.3	-4.8	6.3	
Oct	1.1	-0.2	1.7	-7.5	-4.0	-0.3	
Nov	1.0	0.9	0.2	-5.0	-7.0	-0.9	
Dec	0.1	-0.3	-0.3	1.9	-7.1	-1.8	
2020 Jan	-1.2 [†]	-3.4 [†]	-1.1 [†]	-0.3	-7.0 [†]	-3.1	
Feb	-1.9	-4.2	-1.8	-2.2	-5.6	-1.1	
Mar	-3.1	-10.1	-4.7	-6.8	-3.9	2.9 [†]	
Apr	-6.6	-28.6	-15.7	-14.7	-3.1	10.8	
May	-9.5	-40.7	-22.8	-24.3	-1.1	17.3	
Jun	-10.0	-38.6	-24.9	-24.9	-1.9	20.9	
Jul	-6.1	-18.4	-15.9	-28.6	0.3	17.8	
Aug	-3.5	-3.6	-10.2	-24.9	3.4	17.4	
Sep	-3.0	1.1	-7.3	-19.5	6.2	18.1	
Oct	-3.8	1.9	-7.7	-17.5	6.9	19.2	
Nov	-4.3	1.7	-6.2	-16.2	10.1	14.1	
Dec	-4.5	5.3	-5.0	-20.6 [†]	13.9	13.2	
2021 Jan	-4.9	8.7	-4.8	-22.0	14.8	13.6	
Feb	-5.6	8.2	-4.8	-24.8	12.3	11.8	

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

Section	Manufacturing sub-sectors							
	Rubber and plastic products and non-metallic mineral products	Basic metals and metal products	Computer, electronic and optical products	Electrical equipment	Machinery and equipment n.e.c	Transport equipment	Other manufacturing and repair	
	CG	CH	CI	CJ	CK	CL	CM	
Latest weight	51.4	75.4	51.2	18.1	60.7	110.5	68.7	
Percentage change, latest month on previous month								
2018 Dec	-1.6	2.2	1.7	-2.1	0.1	0.6	-2.7	
2019 Jan	0.7	4.7	3.0	0.3	-1.2	-0.9	-1.5	
Feb	0.3	1.5	-0.7	0.6	-0.3	0.4	1.0	
Mar	-0.1	-1.6	0.3	1.9	-0.4	0.4	1.5	
Apr	-1.8	-2.3	-0.7	-	-1.0	-11.7	1.4	
May	-1.1	1.0	2.8	-1.0	-0.9	12.5	-1.6	
Jun	0.4	-1.4	-5.5	0.9	-0.1	1.5	-2.5	
Jul	-0.2	1.1	2.6	-0.8	-2.0	-1.0	-1.0	
Aug	-1.2	-1.3	-3.6	-2.7	-0.3	-1.2	0.3	
Sep	0.2	0.5	-0.1	-	-1.5	-2.0	2.0	
Oct	-0.1	-0.8	7.7	-1.8	0.1	1.4	-1.0	
Nov	-0.5	0.4	-6.7	-0.9	-0.6	-4.1	1.1	
Dec	1.8	1.9	-0.2	3.1	-1.1	1.6	-1.3	
2020 Jan	0.6 [†]	-0.6 [†]	-0.1 [†]	-1.8 [†]	-3.2 [†]	2.1 [†]	0.4 [†]	
Feb	-0.2	0.2	-1.7	-1.0	-0.1	-1.2	1.3	
Mar	-9.8	-7.0	-7.4	-2.8	-13.0	-21.2	-6.0	
Apr	-40.8	-26.9	-13.5	-28.4	-36.0	-54.1	-28.1	
May	32.7	10.7	7.6	12.8	21.1	9.0	11.6	
Jun	25.0	12.9	6.7	9.7	21.0	58.1	8.9	
Jul	7.3	3.1	4.1	7.4	6.7	18.2	10.6	
Aug	3.2	1.9	-0.2	6.6	0.8	7.2	3.6	
Sep	1.6	4.0	3.1	0.4	1.7	9.4	-2.3	
Oct	0.8	1.6	0.1	1.4	3.7	1.4	1.7	
Nov	2.2	2.6	1.3	3.8	3.4	3.4	1.2	
Dec	-0.8	-1.6	-2.9	-5.4	2.1	-1.3	-1.7	
2021 Jan	-1.4	-3.2	-5.0	4.4	-3.2	-11.1	1.4	
Feb	1.4	-1.2	9.0	5.7	1.9	5.4	2.1	
Percentage change, latest 3 months on same 3 months a year ago								
2018 Dec	-1.7	-8.7	6.9	-5.9	-5.1	-5.4	-1.2	
2019 Jan	-1.9	-8.6	4.7	-6.3	-7.3	-5.5	-3.8	
Feb	-0.5	-6.1	2.0	-5.6	-7.3	-6.5	-4.9	
Mar	0.4	-3.5	-0.1	-1.4	-7.9	-6.6	-4.8	
Apr	0.4	-3.7	-1.6	0.9	-7.1	-9.9	-3.1	
May	-1.0	-2.8	-0.2	1.9	-7.1	-10.0	-2.6	
Jun	-3.1	-2.9	-1.1	2.1	-6.4	-9.0	-3.4	
Jul	-4.4	-2.5	-0.5	1.8	-6.4	-4.2	-4.9	
Aug	-5.1	-4.0	-2.5	0.6	-7.0	-3.2	-5.3	
Sep	-5.1	-3.9	-2.1	-1.3	-7.7	-4.9	-4.9	
Oct	-5.2	-4.1	-	-3.8	-7.6	-4.4	-4.5	
Nov	-5.1	-1.2	1.2	-4.6	-7.8	-4.8	-4.3	
Dec	-3.9	1.2	1.3	-4.1	-8.0	-4.0	-3.0	
2020 Jan	-2.8	1.9 [†]	-2.3 [†]	-2.8 [†]	-9.2	-4.0 [†]	-1.6 [†]	
Feb	-1.9 [†]	-0.3	-4.2	-2.4	-10.1 [†]	-3.2	-0.4	
Mar	-5.3	-4.2	-7.9	-5.1	-14.4	-9.8	-2.2	
Apr	-20.1	-13.9	-14.4	-15.8	-27.3	-28.1	-13.7	
May	-29.0	-21.3	-19.4	-22.8	-36.6	-48.3	-22.1	
Jun	-28.9	-23.3	-18.6	-26.2	-37.8	-54.0	-25.4	
Jul	-14.8	-16.9	-13.6	-18.7	-27.6	-43.7	-16.2	
Aug	-5.3	-11.7	-8.6	-11.5	-20.7	-30.9	-8.9	
Sep	-1.2	-9.2	-6.1	-6.3	-17.3	-22.1	-5.9	
Oct	1.0	-6.4	-6.4	-2.3	-15.0	-17.0	-5.4	
Nov	2.7	-3.9	-5.2	0.3	-11.9	-11.8	-5.8	
Dec	3.0	-3.6	-5.7	-	-8.7	-10.5	-5.0	
2021 Jan	2.3	-4.8	-5.5	0.7	-6.5	-13.1	-4.8	
Feb	1.3	-7.2	-4.6	2.1	-4.9	-16.0	-4.4	

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Section	Manufacturing sub-sectors						Basic pharmaceutical products and preparations
	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		
	CA	CB	CC	CD	CE	CF	
Latest weight	113.5	26.0	47.2	10.9	42.9		48.6
Percentage change, latest 3 months on previous 3 months							
2018 Dec	-0.1	-2.6	0.6	-1.3	2.6		5.2
2019 Jan	0.5	-2.1	1.7	-0.7	3.5		5.3
Feb	1.5	-1.3	0.4	2.7	2.2		4.8
Mar	2.6	0.3	2.0	5.5	1.9		8.2
Apr	1.8	1.0	2.3	3.1	-1.9		4.9
May	0.4	0.7	1.0	0.4	-4.6		0.9
Jun	-2.5	-0.9	-2.2	-3.7	-6.4		-6.4
Jul	-2.8	-1.4	-4.2	-4.5	-4.5		-2.8
Aug	-2.2	-0.9	-2.4	-7.4	-3.8		-0.6
Sep	0.4	1.4	-0.6	-7.5	-2.7		-0.3
Oct	1.6	2.4	2.1	-5.2	-0.9		-7.2
Nov	1.5	2.4	1.3	-0.4	-0.9		-5.7
Dec	-0.3	-1.1	0.4	8.5	0.1		-2.8
2020 Jan	-1.7	-5.2 [†]	-1.1 [†]	6.9	0.2 [†]		2.4
Feb	-1.5 [†]	-6.3	-1.6	5.6	3.7		4.7 [†]
Mar	-0.7	-9.6	-2.4	-3.6	5.4		13.5
Apr	-3.9	-25.3	-12.9	-11.8 [†]	2.2		20.0
May	-7.3	-37.7	-20.6	-22.3	-		19.6
Jun	-9.4	-32.2	-23.0	-27.6	-4.4		10.0
Jul	-2.3	12.6	-4.4	-20.1	-1.2		3.3
Aug	4.2	61.2	13.5	-8.1	0.6		-0.5
Sep	8.2	66.9	22.8	6.3	5.3		-2.7
Oct	4.1	27.9	11.9	9.5	5.6		-6.0
Nov	0.6	8.0	5.9	11.2	5.5		-8.4
Dec	-1.9	3.0	2.9	7.0	7.3		-6.8
2021 Jan	-2.7	1.1	2.1	1.1	7.7		-2.4
Feb	-2.8	-0.3	-0.2	-5.2	5.8		2.5

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IOP5 Output of the production industries

Chained volume indices of gross value added¹

continued

Seasonally adjusted 2018 = 100

Section	Manufacturing sub-sectors							
	Rubber and plastic products and non-metallic mineral products	Basic metals and metal products	Computer, electronic and optical products	Electrical equipment	Machinery and equipment n.e.c	Transport equipment	Other manufacturing and repair	
	CG	CH	CI	CJ	CK	CL	CM	
Latest weight	51.4	75.4	51.2	18.1	60.7	110.5	68.7	
Percentage change, latest 3 months on previous 3 months								
2018 Dec	-1.4	-5.1	-1.8	0.6	-1.5	-3.4	-1.4	
2019 Jan	-1.7	-4.8	0.1	-1.5	-1.2	-2.6	-2.6	
Feb	-1.6	0.6	2.4	-1.9	-1.1	-1.4	-4.1	
Mar	-0.4	4.2	3.3	-0.6	-1.5	-0.3	-2.1	
Apr	-0.4	3.5	1.8	1.3	-1.6	-3.6	0.6	
May	-1.2	-0.3	1.3	2.1	-1.9	-3.7	2.1	
Jun	-2.3	-2.6	-0.7	1.1	-1.9	-3.4	0.8	
Jul	-2.1	-1.6	-0.5	-0.1	-2.4	4.2	-2.2	
Aug	-1.4	-1.2	-3.5	-1.3	-2.5	4.0	-3.6	
Sep	-1.0	-0.2	-2.7	-2.3	-3.1	2.2	-2.4	
Oct	-1.2	-1.0	-1.4	-3.5	-2.7	-2.3	-0.3	
Nov	-1.0	-0.4	1.0	-3.5	-2.6	-3.5	1.5	
Dec	-0.1	-	1.5	-2.2	-1.8	-2.5	0.6	
2020 Jan	0.9 [†]	1.1 [†]	-2.2 [†]	-0.6 [†]	-2.8 [†]	-2.1 [†]	0.3 [†]	
Feb	1.8	1.6	-3.0	0.4	-3.6	0.2	-0.2	
Mar	-1.9	-1.4	-6.1	-1.7	-8.3	-6.2	-1.3	
Apr	-18.2	-12.6	-10.8	-12.1	-21.2	-27.9	-11.8	
May	-28.5	-21.3	-14.7	-19.3	-30.8	-48.6	-20.2	
Jun	-26.7	-22.1	-12.2	-21.4	-28.8	-50.8	-23.1	
Jul	4.5	-5.1	0.4	-3.6	-2.8	-18.5	-5.0	
Aug	31.4	10.8	9.4	13.1	22.0	39.1	12.7	
Sep	37.5	18.2	12.2	23.9	29.0	73.3	23.0	
Oct	17.1	11.5	6.8	15.9	14.2	44.2	12.6	
Nov	7.4	8.4	4.8	9.5	8.3	23.1	4.9	
Dec	4.1	6.1	2.0	4.5	8.4	11.9	1.6	
2021 Jan	2.2	2.8	-1.2	2.5	6.9	2.5	0.9	
Feb	0.4	-1.9	-2.5	2.1	4.1	-4.6	1.3	

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