

Statistical bulletin

### Index of Production, UK: March 2023

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



Release date: 12 May 2023

Next release: 14 June 2023

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### 1. Main points

- Monthly production output is estimated to have risen by 0.7% in March 2023, the strongest monthly growth to the Index of Production (IoP) since May 2021 (1.4%); this follows falls of 0.1% and 0.3% in February 2023 and January 2023, respectively; both of these months see small upward revisions of 0.1 and 0.2 percentage points, respectively.
- Looking at the longer-term profile, quarterly production output for Quarter 1 (Jan to Mar) 2023 rose by 0.1% compared with Quarter 4 (Oct to Dec) 2022, and is the first positive quarterly growth in IoP since Quarter 2 (Apr to June) 2021; growth came primarily from manufacturing (0.5%), partially offset by a fall in mining and quarrying (5.0%).
- The monthly increase in output in March 2023 resulted from rises in three of the four production sectors, with manufacturing the main contributor to the monthly rise (0.7%) with smaller contributions from water supply and sewerage (1.7%) and, electricity and gas (1.1%); this was partially offset by mining and quarrying, which fell by 1.4%.
- Monthly manufacturing output increased by 0.7% and saw 7 of its 13 sub-sectors positively contributing to
  growth during March 2023; most notably, following falls in previous months, the manufacture of basic
  pharmaceutical products (4.0%), and the manufacture of computer, electronic and optical products (3.3%),
  contributed 0.24 and 0.17 percentage points respectively to the IoP March 2023 monthly growth.
- Monthly production output was 0.4% above February 2020, the last month of "normal" trading conditions before the coronavirus (COVID-19) pandemic; of the main production sectors, water supply and sewerage, electricity and gas, and manufacturing were above their February 2020 levels, by 10.8%, 1.2% and 1.1%, respectively; in contrast, mining and quarrying was 20.0% below its February 2020 level.
- Further analysis of the effect on our monthly IoP estimate is available in our <u>Gross domestic product (GDP)</u> monthly estimate, UK: March 2023 bulletin, published 12 May 2023.

### 2. Index of Production (IoP) data

#### Index of Production time series

Dataset DIOP | Released 12 May 2023

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 12 May 2023

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 12 May 2023

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 12 May 2023

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 12 May 2023

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 IoP are available on our Related data page.

### 3. Measuring the data

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

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

The 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 DESNZ, and therefore will be less affected than the survey data.

From January 2018, Value Added Tax (VAT) data have also been included across 64 production industries for small and medium-sized businesses. For more information, see our <u>VAT turnover data in National Accounts:</u> <u>background and methodology article.</u>

A comprehensive list of the IoP source data can be found in our <u>Gross domestic product (GDP) data sources catalogue (XLS, 1.9MB).</u>

More quality and methodology information on strengths, limitations, appropriate uses, and how the data were created is available in our <u>UK Index of Production Quality and Methodology Information (QMI)</u>.

#### **Revisions to IoP**

In line with the <u>National Accounts Revisions Policy</u>, this release (published on 12 May 2023), is open to revision for periods January and February 2023.

#### **Economic statistics governance after Brexit**

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

#### GDP monthly estimate, UK: March 2023

Bulletin | Released 12 May 2023

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

#### Index of Services, UK: March 2023

Bulletin | Released 12 May 2023

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

#### Producer price inflation, UK: March 2023

Bulletin | Released 19 April 2023

Changes in the prices of goods bought and sold by UK manufacturers including price indices of materials and fuels purchased (input prices) and factory gate prices (output prices).

#### UK manufacturers' sales by product: 2021 results

Bulletin | Released 23 August 2022

Estimates for UK manufacturers' sales by product (ProdCom) for 2021, including 2020 final sales data.

#### Energy Trends and Prices: monthly data

Web page | Last updated 27 April 2023

Provides 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 12 May 2023, ONS website, statistical bulletin, <u>Index of Production</u>, <u>UK: March 2023</u>



## Index of Production Release Tables

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### Output of the Production Industries, March 2023

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Enquiries

## IOP5 Output of the Production Industries Chained volume indices of gross value added1

			Broad ind	ustry 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	В	С	D	Е	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	K240	K24T
018 019	97.7 100.0	97.9 100.0	98.9 100.0	87.7 100.0	100.3 100.0	98.8 100.0	100.8 100.0	96.3 100.0	104.3 100.0	95.9 100.0	92.8 100.0
020	101.3	96.8	100.1	109.1	104.8	96.5	96.0	103.8	95.9	103.1	102.1
021 022	108.6 105.6	85.5 87.2	109.8 105.7	114.6 110.5	112.9 115.2	81.4 83.0	104.7 104.5	109.0 109.5	107.8 101.1	113.5 107.4	99.8 98.2
022 Q1	107.3	90.3	107.4	111.6	116.0	85.5	105.7	108.5	102.8	110.9	100.6
Q2 Q3	106.3 104.4	87.5 86.6	106.3 104.3	112.0 110.4	116.3 113.8	83.4 82.0	103.0 105.8	109.6 108.3	100.7 99.7	109.2 106.0	99.8 97.3
Q4	104.5	84.5	104.8	108.0	114.6	81.1	103.5	111.6	101.2	103.4	95.2
023 Q1	104.5	80.2	105.4	108.0	114.8	76.4	105.5	110.6	102.2	104.1	93.8
022 Jan Feb	107.5 107.2	90.2 90.1	107.7 107.2	112.0 112.3	116.0 115.8	85.0 85.9	106.3 105.1	107.4 109.6	103.7 102.5	112.3 109.5	100.7 100.6
Mar Apr	107.1 106.6	90.5 87.9	107.3 106.5	110.5 111.9	116.3 117.8	85.6 83.4	105.6 102.0	108.5 109.2	102.0 100.4	110.9 110.0	100.4 100.4
May Jun	106.7 105.6	88.5 86.2	106.9 105.5	111.9 112.5 111.5	114.6 116.4	84.0 82.7	102.9 104.1	110.1 109.4	100.4 100.9 100.7	110.5 107.0	100.1
Jul	105.2	91.3	104.9	110.9	113.4	87.7	104.6	108.8	99.8	106.8	99.0
Aug Sep	103.9 104.0	83.8 84.6	104.0 104.0	110.2 110.0	113.7 114.2	78.4 79.9	108.0 104.6	106.8 109.1	99.7 99.6	106.1 105.2	96.5 96.4
Oct Nov	104.4 104.4	84.4 86.7	105.2 104.6	106.7 106.7	112.8 115.1	80.3 83.9	103.4 104.4	113.2 110.4	100.3 101.2	104.3 103.3	94.7 95.1
Dec	104.6	82.3	104.7	110.7	115.9	79.2	102.7	111.3	102.1	102.6	95.9
023 Jan Feb Mar	104.3 <sup>†</sup> 104.2 105.0	79.3 81.2 80.1	105.1 105.2 105.9	108.6 107.2 108.3	115.3 <sup>†</sup> † 113.6 115.5	75.4 <sup>†</sup> 77.1 76.8	102.5 <sup>†</sup> 106.1 107.8	110.7 109.8 111.4	101.3 <sup>1</sup> 102.1 103.3	104.4 <sup>†</sup> 104.0 103.8	94.1 93.5 93.9
ercentage char	nge, latest year o	on previous ye	ar								
018 019	3.3 2.3	6.3 2.2	4.3 1.2	-3.2 14.0	1.1 -0.3	6.7 1.2	2.3 -0.7	8.6 3.9	2.7 -4.1	3.7 4.2	0.1 7.8
020 021	1.2 7.3	-3.2 -11.7	0.1 9.7	9.1 5.1	4.8 7.8	-3.5 -15.7	-4.0 9.1	3.8 5.0	-4.1 12.5	3.1 10.1	2.1 -2.2
022	-2.8	2.1	-3.7	-3.6	2.0	2.0	-0.2	0.5	-6.3	-5.4	-1.6
	nge, latest month										
021 Jan Feb	4.6 4.1	-3.7 -12.8	4.3 4.4	9.8 10.9	6.7 7.2	-4.0 -14.8	-1.0 2.0	2.7 -1.3	3.3 6.7	8.1 9.2	1.5 -1.5
Mar Apr	10.5 34.0	-4.2 -23.4	13.0 48.4	7.7 19.9	6.7 13.8	-4.9 -32.1	8.6 48.7	-0.7 11.0	24.8 80.9	14.9 55.8	0.9 -0.9
May Jun	26.4 11.5	-22.5 -33.0	35.2 17.3	25.3 10.9	13.2 8.8	-29.4 -40.6	21.6 21.2	12.9 4.2	52.4 23.9	38.1 18.5	3.8 -5.7
Jul	5.8	-19.7	9.0	2.0	8.3	-24.7	10.0	1.4	13.5	8.7	-5.5
Aug Sep	4.3 1.7	2.7 1.2	5.6 2.4	-3.3 -5.5	5.3 5.7	1.1 -0.4	4.8 4.5	2.6 3.1	7.9 2.7	4.9 0.6	-1.2 -2.6
Oct Nov	-0.4 -1.7	-5.3 -4.6	0.2 -2.5	-7.3 -1.5	7.3 6.7	-8.0 -8.0	0.6 -1.0	6.0 6.5	-2.5 -6.8	-1.9 -4.9	-6.1 -2.5
Dec	-2.4	-11.6	-2.2	-3.4	4.5	-16.4	6.9	12.6	-9.0	-6.2	-6.3
022 Jan Feb	-0.9 -1.5	-4.0 3.3	-0.8 -2.0	-4.6 -5.3	5.1 3.6	-7.6 1.6	3.8 -0.1	3.4 5.2	-4.7 -7.5	-1.3 -3.9	-2.8 -1.3
Mar Apr	-2.4 -2.0	2.0 19.4	-3.1 -3.9	-5.1 -6.7	3.6 6.0	-1.0 22.8	2.8 1.0	1.8 2.9	-9.0 -9.6	-3.3 -5.6	-1.4 2.8
May Jun	-3.3 -2.8	15.2 25.4	-4.0 -4.7	-12.0 -7.4	3.1 2.4	17.9 35.5	1.0 -2.5	-1.9 2.1	-5.9 -7.2	-5.3 -7.6	-3.5 1.8
Jul Aug	-3.3 -5.0	11.4 -13.7	-4.9 -5.6	-3.3 -0.1	-0.9 0.4	14.6 -17.1	-2.9 1.4	-0.8 -2.7	-6.9 -8.0	-6.1 -5.9	0.3 -5.2
Sep	-4.0	-9.6	-5.1	1.5	2.6	-12.0	-2.1	0.4	-8.0	-6.1	-3.8
Oct Nov	-2.6 -2.9	-6.3 -1.2	-3.3 -3.6	3.8 -2.1	-1.9 0.1	-7.4 0.9	-0.9 -1.6	1.5 -0.7	-4.0 -3.0	-6.8 -7.3	-0.9 -3.0
Dec	-2.7	-3.9	-3.5	0.9	0.2	-2.5	-2.3	-4.4	-0.6	-5.8	-1.8
023 Jan Feb	-3.0 <sup>T</sup> -2.7	-12.0 -9.8	-1.9	-4.6	-1.9	-10.3	-3.6 <sup>†</sup> 0.9	0.2	-0.4	-5.0	-6.5 -7.0
Mar	-2.0	-11.6	-1.3	-2.0	-0.7	-10.3	2.1	2.6	1.3	-6.4	-6.5

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

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

			Broad ind	ustry groups				Ma	in industrial group	ings	
	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	В	С	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
Latest Weight	K222	K224	K22A	K248	K24C	K226	K24Q	K24R	K24S	K240	K24T
Percentage cha	nge, latest mont	h on previous	month								
2021 Jan	-1.5	-3.0	-2.2	3.3	-0.4	-5.4	4.1	0.4	-3.6	-2.0	-0.6
Feb Mar	0.3 0.8	-7.2 1.7	0.8 1.2	1.1 -1.8	1.2 0.4	-8.1 2.3	2.7 -2.4	0.3 2.2	1.9 1.1	0.1 0.7	-1.7
Apr	-0.8	-17.0	0.1	2.9	-1.0	-21.5	-1.7	-0.4	-0.8	1.5	-4.1
May Jun	1.4 -1.6	4.3 -10.5	0.6 -0.7	6.6 -5.8	2.4	5.0 -14.3	1.0 4.8	5.7 -4.4	-3.6 1.2	0.1 -0.7	6.2 -6.2
Jul Aug	0.2 0.5	19.1 18.6	-0.4 -0.1	-4.7 -3.9	0.6 -1.0	25.4 23.6	0.9 -1.1	2.3 0.1	-1.2 1.1	-1.8 -0.9	1.5 3.2
Sep	-1.0	-3.5	-0.5	-1.8	-1.7	-4.0	0.2	-1.1	-	-0.6	-1.5
Oct	-1.0	-3.9	-0.7	-5.0	3.3	-4.5	-2.3	2.5	-3.6	-0.1	-4.7
Nov Dec	0.2	-2.6 -2.4	-0.3	5.8 0.7	0.7	-4.1 -2.3	1.7 -0.9	-0.3 4.8	-0.1 -1.6	-0.4 -2.2	2.5 -0.3
2022 Jan		5.3	-0.8	2.1	0.2	4.6	1.2	-7.7	0.9	3.1	3.1
Feb	-0.3	-0.1	-0.5	0.3	-0.2	1.1	-1.2	2.0	-1.1	-2.5	-0.1
Mar	-0.1	0.5	0.1	-1.6	0.4	-0.3	0.5	-1.0	-0.5	1.3	-0.1
Apr	-0.4	-2.9	-0.7	1.3	1.3	-2.6	-3.4	0.6	-1.6	-0.8	-
May Jun	0.1 -1.1	0.7 -2.6	0.4 -1.3	0.5 -0.8	-2.7 1.6	0.7 -1.5	1.0 1.2	0.8 -0.6	0.5 -0.2	0.4 -3.2	-0.4 -1.1
Jul	-0.4	5.8	-0.6	-0.6	-2.6	6.1	0.5	-0.6	-0.9	-0.2	0.1
Aug	-1.2	-8.2	-0.8	-0.7	0.3	-10.7	3.3	-1.8	-0.1	-0.7	-2.5
Sep	0.1	1.1		-0.2		1.9	-3.1	2.1	-0.1	-0.8	-0.1
Oct Nov	0.3	-0.3 2.7	1.1 -0.5	-2.9 -0.1	-1.2 2.0	0.5 4.4	-1.2 0.9	3.7 -2.5	0.7 0.9	-0.9 -0.9	-1.8 0.4
Dec	0.2	-5.1	0.1	3.8	0.7	-5.6	-1.6	0.9	0.9	-0.7	0.9
2023 Jan	-0.3 <sup>T</sup>	-3.5								1.8 <sup>†</sup>	-1.9
Feb Mar	-0.1 0.7	2.4 -1.4	0.1 0.7	-1.3 1.1	T -1.4 1.7	2.2 -0.3	3.6 1.6	-0.8 1.4	0.8 1.2	-0.4 -0.2	-0.7 0.4
				7							
Percentage cha	-		-	<del>-</del>							
2021 Jan Feb	6.9 5.7	-1.3 -4.4	8.1 6.1	3.5 7.8	8.5 7.9	-0.9 -4.6	-0.6 -1.3	4.1 1.9	8.5 7.1	12.6 10.3	-0.4 0.4
Mar	6.3	-7.0	7.1	9.4	6.9	-8.0	3.0	0.2	11.0	10.7	0.3
Apr	14.8	-13.6	19.3	12.6	9.1	-17.7	16.3	2.7	31.0	23.7	-0.5
May Jun	22.8 23.3	-16.9 -26.4	30.6 32.4	17.4 18.5	11.1 11.9	-22.7 -34.1	24.1 29.1	7.4 9.3	49.1 49.0	34.3 35.8	1.3 -1.0
Jul	14.0	-25.1	19.6	12.3	10.1	-31.6	17.3	6.0	28.0	20.7	-2.6
Aug	7.1	-17.2	10.4	3.1	7.5	-22.1	11.6	2.7	14.7	10.5	-4.2
Sep Oct	3.9 1.9	-5.7 -0.5	5.6 2.7	-2.3 -5.3	6.4 6.1	-8.5 -2.5	6.4 3.3	2.3 3.9	7.8 2.6	4.6 1.2	-3.1 -3.3
Nov	-0.1	-2.9	2.1	-3.3 -4.7	6.6	-2.5 -5.5	1.3	5.2	-2.3	-2.1	-3.7
Dec	-1.5	-7.2	-1.5	-4.1	6.2	-10.9	2.0	8.3	-6.2	-4.3	-5.0
2022 Jan	-1.7	-6.8	-1.8	-3.2	5.4	-10.8	3.1	7.5	-6.8	-4.1	-3.9
Feb Mar	-1.6 -1.6	-4.4 0.3	-1.7 -2.0	-4.5 -5.0	4.4 4.1	-7.9 -2.5	3.5 2.2	7.0 3.5	-7.1 -7.1	-3.8 -2.8	-3.5 -1.8
Apr	-2.0	7.6	-3.0	-5.7	4.4	6.7	1.2	3.3	-8.7	-4.3	-1.0
May	-2.6	11.6	-3.7	-8.0	4.3	12.1	1.6	0.9	-8.2	-4.7	-0.7
Jun	-2.7	19.8	-4.2	-8.7	3.8	24.9	-0.2	1.0	-7.6	-6.2	0.3
Jul Aug	-3.1 -3.7	16.9 5.4	-4.5 -5.0	-7.7 -3.7	1.5 0.6	21.8 7.2	-1.5 -1.4	-0.2 -0.5	-6.6 -7.4	-6.3 -6.5	-0.5 -1.1
Sep	-4.1	-4.8	-5.2	-0.7	0.7	-6.1	-1.2	-1.1	-7.7	-6.0	-2.9
Oct	-3.9	-10.0	-4.7	1.7	0.3	-12.3	-0.5	-0.3	-6.7	-6.2	-3.4
Nov Dec	-3.2 -2.7	-5.8 -3.8	-4.0 -3.5	1.0 0.8	0.3 -0.5	-6.3 -3.1	-1.5 -1.6	0.4 -1.2	-5.1 -2.6	-6.7 -6.6	-2.6 -1.9
2023 Jan Feb	-2.8 <sup>⊤</sup> -2.8	-5.8 -8.7	-2.6	-2.3	-0.1 <sup>1</sup> -0.8	-8.1 <sup>™</sup>	-2.5 -1.7	-0.5		-6.7 <sup>†</sup> -6.0	-3.8 -5.2
Mar	-2.6	-11.1	-1.9	-3.2	-1.1	-10.6	-0.2	2.0	-0.5	-6.2	-6.7

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

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

 $<sup>^\</sup>dagger$  indicates that data are new or have been revised. The period marked is the earliest in the table to have been revised.

			Broad ind	ustry 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	В	С	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	K240	K24T
Percentage cha	nge, latest 3 mo	nths on previ	ous 3 months <sup>2</sup>								
2021 Jan Feb Mar Apr May Jun	2.8 1.2 - -0.2 0.5 0.3	0.2 -0.6 -4.9 -11.7 -14.0 -18.8	3.4 0.6 -0.7 - 1.2 1.3	0.6 4.1 5.2 4.0 4.2 4.4	2.8 3.9 2.7 1.9 0.5 0.5	0.2 -0.7 -6.6 -14.5 -17.5 -23.9	0.1 -2.3 0.3 0.3 -0.2 -0.2	-1.9 -1.1 0.5 1.6 4.2 3.5	6.6 2.4 -0.1 0.1 -0.6 -1.5	4.3 0.5 -1.4 -0.6 1.1 1.9	0.2 1.5 0.3 -2.3 -2.1 -2.9
Jul Aug Sep Oct Nov Dec	0.2 -0.6 -0.4 -0.9 -1.2 -1.4	-8.9 3.6 24.4 23.4 9.6 -3.4	0.4 -0.6 -0.9 -1.2 -1.3 -1.3	2.2 -5.2 -9.5 -11.4 -7.3 -3.5	1.2 2.1 0.9 0.1 - 2.0	-12.6 2.9 30.8 30.3 12.2 -4.2	2.5 5.1 3.7 0.4 -1.2 -1.8	3.9 0.6 0.9 0.3 1.4 3.3	-3.4 -1.9 -0.9 -0.5 -2.1 -3.8	0.3 -1.6 -3.0 -2.8 -2.1 -1.8	-0.6 -1.8 0.8 -0.6 -1.3 -3.2
2022 Jan Feb Mar Apr May Jun	-0.8 -0.3 -0.1 -0.5 -0.5 -0.9	-6.2 -2.1 2.8 1.9 0.4 -3.0	-1.2 -1.1 -1.1 -0.8 -1.0	2.8 4.4 4.1 1.3 0.3 0.3	2.1 1.8 0.7 0.9 0.3 0.2	-8.4 -3.3 2.2 2.2 0.4 -2.5	-0.1 -0.2 0.5 -1.5 -1.9 -2.5	1.5 0.7 -4.0 -2.3 -1.7 1.0	-3.2 -2.6 -1.1 -1.9 -1.8 -2.0	-1.1 -1.3 0.2 -0.7 0.2 -1.6	-0.5 1.7 3.6 1.7 0.7 -0.8
Jul Aug Sep Oct Nov Dec	-1.0 -1.8 -1.8 -1.6 -0.6	-0.9 -2.1 -1.1 -5.0 -2.1 -2.4	-1.1 -2.0 -1.9 -1.3 -0.2 0.5	-0.7 -1.5 -2.4 -2.8 -2.1	-1.6 -1.5 -2.1 -1.1 -0.4 0.7	-0.2 -1.6 -1.6 -6.2 -1.9 -1.1	-0.3 2.0 2.7 1.4 -1.4 -2.1	0.3 -0.8 -1.2 0.2 2.3 3.1	-1.2 -1.1 -1.0 -0.6 0.4 1.5	-1.9 -3.5 -2.9 -2.7 -2.2 -2.5	-1.1 -2.1 -2.5 -3.5 -2.8 -2.2
2023 Jan Feb Mar	0.3 <sup>†</sup> 0.1 0.1	-1.8 -5.0 -5.0	T 0.4 0.4 0.5	T -0.3 1.0	T 1.6 T 0.8 0.1	-0.1 -5.1 <sup>†</sup> -5.8	-2.1 -0.4 1.9	1.0 -0.2	1.6 <sup>T</sup> 1.4 1.0	-1.6 <sup>†</sup> -0.5 0.7	-0.9 -0.9 -1.5

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

 $<sup>^\</sup>dagger$  indicates that data are new or have been revised. The period marked is the earliest in the table to have been revised.

## **IDP** 5 Output of the Production Industries Chained volume indices of gross value added<sup>1</sup>

	Food products, beverages and tobacco	Textiles, wearing apparel and	Wood and paper products and printing	Coke and refined petroleum	Chemicals and chemical	Basic pharmaceutical products and
Section	CA	leather products CB	CC	products	products CE	preparations CF
	110.8	25.5	48.0	14.2	44.3	49.0
_atest weight	K22B	K22P	K22T	K22X	K22Z	K239
2018	98.5	92.9	95.0	73.6	87.7	92.8
2019	100.0	100.0	100.0	100.0	100.0	100.0
2020	103.4	72.3	92.4	81.2	105.3	118.4
2021 2022	108.7 110.9	78.8 79.0	101.0 98.2	79.6 86.8	109.3 104.1	122.9 118.2
.022			00.2	00.0		110.2
022 Q1	111.5	77.8	101.4	91.8	111.1	114.0
Q2 Q3	111.7 110.3	78.8 79.6	98.7 97.6	93.7 80.4	106.0 102.0	115.6 113.5
Q4	110.0	79.9	95.0	81.1	97.4	129.6
.023 Q1	110.3	78.5	92.5	82.6	97.7	123.5
.022 Jan Feb	111.5 111.2	78.4 76.1	100.8 101.5	88.5 91.3	114.5 109.4	110.4 118.5
Mar	111.8	78.9	101.9	95.5	109.4	113.2
Apr	111.6	80.6	99.7	95.5	107.8	113.2
May Jun	112.5 111.0	78.7 77.0	99.5 96.8	96.5 89.2	108.3 101.9	116.1 117.5
Jul	110.8	78.7	99.6	80.2	101.6	114.1
Aug	110.5	79.7	97.2	81.2	103.8	106.7
Sep	109.7	80.3	96.1	79.8	100.7	119.8
Oct	109.9	79.2	96.3	81.2	99.2	134.6
Nov Dec	110.6 109.4	80.1 80.4	94.7 93.9	81.6 80.5	97.1 95.9	124.8 129.3
Dec						122 F
	110.3	<sup>⊤</sup> 80.1 <sup>†</sup>	93.4	81.2 '	99.0 '	122.5
023 Jan Feb Mar	110.3 110.4 110.2 Inge, latest year o	78.5 76.8	93.4 92.5 91.7	81.2 <sup>†</sup> 82.3 84.4	99.0 <sup>†</sup> 96.2 97.8	122.5 121.6 126.5
2023 Jan Feb Mar	110.4 110.2	78.5 76.8 n previous year 4.3 7.6 -27.7	92.5	82.3 84.4 -15.4 35.8 -18.8	96.2	121.6 126.5 1.2 7.8 18.4
D23 Jan Feb Mar  ercentage cha 018 019 020 021	110.4 110.2 inge, latest year or 13.4 1.5 3.3	78.5 76.8 n previous year 4.3 7.6	92.5 91.7 3.9 5.3 -7.6	82.3 84.4 -15.4 35.8	96.2 97.8 8.9 14.1 5.3	121.6 126.5 1.2 7.8
2023 Jan Feb Mar Percentage cha 2018 2019 2020 2021 2022	110.4 110.2 inge, latest year of 13.4 1.5 3.3 5.2 2.0	78.5 76.8 n previous year 4.3 7.6 -27.7 8.9	92.5 91.7 3.9 5.3 -7.6 9.4 -2.8	82.3 84.4 -15.4 35.8 -18.8 -2.0	96.2 97.8 8.9 14.1 5.3 3.7	121.6 126.5 1.2 7.8 18.4 3.8
023 Jan Feb Mar  Percentage cha 018 019 020 021 022  Percentage cha	110.4 110.2 inge, latest year of 13.4 1.5 3.3 5.2 2.0 inge, latest month	78.5 76.8 n previous year 4.3 7.6 -27.7 8.9 0.3 on same month a ye	92.5 91.7 3.9 5.3 -7.6 9.4 -2.8 ear ag:	82.3 84.4 -15.4 35.8 -18.8 -2.0 9.0	96.2 97.8 8.9 14.1 5.3 3.7 -4.7	121.6 126.5 1.2 7.8 18.4 3.8 -3.8
O23 Jan Feb Mar  Percentage cha O18 O19 O20 O21 O22  Percentage cha O21 Jan Feb	110.4 110.2 inge, latest year of 13.4 1.5 3.3 5.2 2.0 inge, latest month 2.1 0.5	78.5 76.8 n previous year 4.3 7.6 -27.7 8.9 0.3 on same month a ye	92.5 91.7 3.9 5.3 -7.6 9.4 -2.8 ear ag:	82.3 84.4 -15.4 35.8 -18.8 -2.0 9.0	96.2 97.8 8.9 14.1 5.3 3.7 -4.7	121.6 126.5 1.2 7.8 18.4 3.8 -3.8
023 Jan Feb Mar  ercentage cha 018 019 020 021 022 ercentage cha	110.4 110.2 inge, latest year of 13.4 1.5 3.3 5.2 2.0 inge, latest month 2.1 0.5 0.2 18.1	78.5 76.8 n previous year 4.3 7.6 -27.7 8.9 0.3 on same month a year -13.6 -20.0 6.1 134.0	92.5 91.7 3.9 5.3 -7.6 9.4 -2.8 ear ags	82.3 84.4 -15.4 35.8 -18.8 -2.0 9.0 -35.2 -36.1 -29.8 -1.9	96.2 97.8 8.9 14.1 5.3 3.7 -4.7	121.6 126.5 1.2 7.8 18.4 3.8 -3.8 16.4 5.9 -0.8 -15.3
023 Jan Feb Mar  orcentage cha 018 019 020 021 022  orcentage cha 021 Jan Feb Mar Apr May	110.4 110.2 inge, latest year of 13.4 1.5 3.3 5.2 2.0 inge, latest month 2.1 0.5 0.2 18.1 14.7	78.5 76.8 n previous year 4.3 7.6 -27.7 8.9 0.3 on same month a ye -13.6 -20.0 6.1 134.0 58.1	92.5 91.7 3.9 5.3 -7.6 9.4 -2.8 ear ags	82.3 84.4 -15.4 35.8 -18.8 -2.0 9.0 -35.2 -36.1 -29.8 -1.9 17.2	96.2 97.8 8.9 14.1 5.3 3.7 -4.7 3.3 4.7 -0.2 12.3 8.0	121.6 126.5 1.2 7.8 18.4 3.8 -3.8 16.4 5.9 -0.8 -15.3 3.8
023 Jan Feb Mar  018 019 020 021 022  021 022  021 021 022  021 027  04 04 05 06 07 08 08 08 08 08 08 08 08 08 08 08 08 08	110.4 110.2 inge, latest year of 13.4 1.5 3.3 5.2 2.0 inge, latest month 2.1 0.5 0.2 18.1 14.7 9.7	78.5 76.8 n previous year 4.3 7.6 -27.7 8.9 0.3 on same month a year -13.6 -20.0 6.1 134.0 58.1 14.9	92.5 91.7 3.9 5.3 -7.6 9.4 -2.8 ear ags	82.3 84.4 -15.4 35.8 -18.8 -2.0 9.0 -35.2 -36.1 -29.8 -1.9 17.2 28.9	96.2 97.8 8.9 14.1 5.3 3.7 -4.7 3.3 4.7 -0.2 12.3 8.0 12.0	121.6 126.5 1.2 7.8 18.4 3.8 -3.8 16.4 5.9 -0.8 -15.3 3.8 -9.4
023 Jan Feb Mar  018 019 020 021 022  vercentage cha 021 Jan Feb Mar Apr May Jun Jul Aug	110.4 110.2 Inge, latest year of 13.4 1.5 3.3 5.2 2.0 Inge, latest month 2.1 0.5 0.2 18.1 14.7 9.7 3.6 3.5	78.5 76.8 n previous year 4.3 7.6 -27.7 8.9 0.3 on same month a yr -13.6 -20.0 6.1 134.0 58.1 14.9	92.5 91.7 3.9 5.3 -7.6 9.4 -2.8 ear ag: -1.4 0.1 6.3 52.2 40.8 19.3	82.3 84.4 -15.4 35.8 -18.8 -2.0 9.0 -35.2 -36.1 -29.8 -1.9 17.2	96.2 97.8 8.9 14.1 5.3 3.7 -4.7 3.3 4.7 -0.2 12.3 8.0 12.0 6.5 3.1	121.6 126.5 1.2 7.8 18.4 3.8 -3.8 16.4 5.9 -0.8 -15.3 3.8 -9.4
023 Jan Feb Mar  018 019 020 021 022  021 021 Jan Feb Mar Apr May Jun Jul Aug Sep	110.4 110.2 Inge, latest year of 13.4 1.5 3.3 5.2 2.0 Inge, latest month 2.1 0.5 0.2 18.1 14.7 9.7	78.5 76.8 n previous year 4.3 7.6 -27.7 8.9 0.3 on same month a year -13.6 -20.0 6.1 134.0 58.1 14.9	92.5 91.7 3.9 5.3 -7.6 9.4 -2.8 ear agc -1.4 0.1 6.3 52.2 40.8 19.3 7.2 4.8 4.7	82.3 84.4 -15.4 35.8 -18.8 -2.0 9.0 -35.2 -36.1 -29.8 -1.9 17.2 28.9 21.7 22.8	96.2 97.8 8.9 14.1 5.3 3.7 -4.7 3.3 4.7 -0.2 12.3 8.0 12.0 6.5 3.1 2.2	121.6 126.5 1.2 7.8 18.4 3.8 -3.8 16.4 5.9 -0.8 -15.3 3.8 -9.4
023 Jan Feb Mar  018 019 020 021 022  ercentage cha 021 Jan Feb Mar Apr May Jun Jul Aug Sep Oct	110.4 110.2 inge, latest year of 13.4 1.5 3.3 5.2 2.0 inge, latest month 2.1 0.5 0.2 18.1 14.7 9.7 3.6 3.5 2.3 2.3	78.5 76.8 n previous year 4.3 7.6 -27.7 8.9 0.3 on same month a ye -13.6 -20.0 6.1 134.0 58.1 14.9	92.5 91.7 3.9 5.3 -7.6 9.4 -2.8 ear ags -1.4 0.1 6.3 52.2 40.8 19.3 7.2 4.8 4.7 2.7	82.3 84.4 -15.4 35.8 -18.8 -2.0 9.0 -35.2 -36.1 -29.8 -1.9 17.2 28.9 21.7 22.8 -3.9	96.2 97.8 8.9 14.1 5.3 3.7 -4.7 -0.2 12.3 8.0 12.0 6.5 3.1 2.2 -0.3	121.6 126.5 1.2 7.8 18.4 3.8 -3.8 16.4 5.9 -0.8 -15.3 3.8 -9.4 -3.0 0.7 1.4 12.3
023 Jan Feb Mar  018 019 020 021 022  021 022  021 021 Jan Feb Mar Apr May Jun Jul Aug Sep	110.4 110.2 Inge, latest year of 13.4 1.5 3.3 5.2 2.0 Inge, latest month 2.1 0.5 0.2 18.1 14.7 9.7	78.5 76.8 n previous year 4.3 7.6 -27.7 8.9 0.3 on same month a year -13.6 -20.0 6.1 134.0 58.1 14.9	92.5 91.7 3.9 5.3 -7.6 9.4 -2.8 ear agc -1.4 0.1 6.3 52.2 40.8 19.3 7.2 4.8 4.7	82.3 84.4 -15.4 35.8 -18.8 -2.0 9.0 -35.2 -36.1 -29.8 -1.9 17.2 28.9 21.7 22.8	96.2 97.8 8.9 14.1 5.3 3.7 -4.7 3.3 4.7 -0.2 12.3 8.0 12.0 6.5 3.1 2.2	121.6 126.5 1.2 7.8 18.4 3.8 -3.8 16.4 5.9 -0.8 -15.3 3.8 -9.4
023 Jan Feb Mar  018 019 020 021 022  ercentage cha 021 Jan Feb Mar Apr May Jun  Jul Aug Sep Oct Nov Dec	110.4 110.2 inge, latest year of 13.4 1.5 3.3 5.2 2.0 inge, latest month 2.1 0.5 0.2 18.1 14.7 9.7 3.6 3.5 2.3 2.3 2.9 4.9	78.5 76.8  n previous year  4.3 7.6 -27.7 8.9 0.3  on same month a ye -13.6 -20.0 6.1 134.0 58.1 14.9 1.1 1.3 7.7 7.5 3.6 0.9	92.5 91.7 3.9 5.3 -7.6 9.4 -2.8 ear ag: -1.4 0.1 6.3 52.2 40.8 40.8 4.7 2.7 -0.8 -0.4	82.3 84.4 -15.4 35.8 -18.8 -2.0 9.0 -35.2 -36.1 -29.8 -1.9 17.2 28.9 21.7 22.8 -3.9 9.0 12.7	96.2 97.8 8.9 14.1 5.3 3.7 -4.7 3.3 4.7 -0.2 12.3 8.0 12.0 6.5 3.1 2.2 2-0.3 -2.9 -1.5	121.6 126.5 1.2 7.8 18.4 3.8 -3.8 16.4 5.9 -0.8 -15.3 3.8 -9.4 -3.0 0.7 1.4,3 12.3 27.9
023 Jan Feb Mar  018 019 020 021 022  ercentage cha 021 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec	110.4 110.2 Inge, latest year of 13.4 1.5 3.3 5.2 2.0 Inge, latest month 2.1 0.5 0.2 18.1 14.7 9.7 3.6 3.5 2.3 2.3 2.9 4.9	78.5 76.8 n previous year 4.3 7.6 -27.7 8.9 0.3 on same month a year -13.6 -20.0 6.1 134.0 58.1 1.3 7.7 7.5 3.6 0.9	92.5 91.7 3.9 5.3 -7.6 9.4 -2.8 ear ags -1.4 0.1 6.3 52.2 40.8 19.3 7.2 4.8 4.7 2.7 -0.8 -0.4	82.3 84.4 -15.4 35.8 -18.8 -2.0 9.0 -35.2 -36.1 -29.8 -1.9 17.2 28.9 21.7 22.8 9.0 12.7	96.2 97.8 8.9 14.1 5.3 3.7 -4.7 3.3 4.7 -0.2 12.3 8.0 12.0 6.5 3.1 2.2 -0.3 2.9 -1.5 6.4 1.9	121.6 126.5 1.2 7.8 18.4 3.8 -3.8 16.4 5.9 -0.8 -15.3 3.8 -9.4 -2.0 0.7 1.4 12.3 12.3 27.9 -6.7 -0.2
023 Jan Feb Mar  018 019 020 021 022  021 022  021 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec  022 Jan Feb Mar	110.4 110.2 inge, latest year of 13.4 1.5 3.3 5.2 2.0 inge, latest month 2.1 0.5 0.2 18.1 14.7 9.7 3.6 3.5 2.3 2.9 4.9	78.5 76.8  n previous year  4.3 7.6 -27.7 8.9 0.3  on same month a ye -13.6 -20.0 6.1 134.0 58.1 14.9  1.1 1.3 7.7 7.5 3.6 0.9 5.1 5.3 1.3	92.5 91.7 3.9 5.3 -7.6 9.4 -2.8 ear ags -1.4 0.1 6.3 52.2 40.8 19.3 7.2 4.8 4.7 -0.8 -0.4	82.3 84.4 -15.4 35.8 -18.8 -2.0 9.0 -35.2 -36.1 -29.8 -1.9 17.2 28.9 21.7 22.8 9.0 12.7	96.2 97.8 8.9 14.1 5.3 3.7 -4.7 3.3 4.7 -0.2 12.3 8.0 12.0 6.5 3.1 2.2 -0.3 -2.9 -1.5 6.4 1.9 3.3	121.6 126.5 1.2 7.8 18.4 3.8 -3.8 16.4 5.9 -0.8 -15.3 3.8 -9.4 -3.0 0.7 1.4 12.3 12.3 27.9 -6.7 -0.2
O23 Jan Feb Mar  O18 O19 O20 O21 O22  ercentage cha O21 Jan Feb Mar Apr May Jun  Jul Aug Sep Oct Nov Dec  O22 Jan Feb Mar Apr Apr May Jun  Jun  Jun  Jun  Jun  Jun  Jun  Jun	110.4 110.2 Inge, latest year of 13.4 1.5 3.3 5.2 2.0 Inge, latest month 2.1 0.5 0.2 18.1 14.7 9.7 3.6 3.5 2.3 2.3 2.9 4.9 8.1 6.9 6.7 1.8 2.1	78.5 76.8  n previous year  4.3 7.6 2-27.7 8.9 0.3  on same month a y  -13.6 2-20.0 6.1 134.0 58.1 14.9 1.1 1.3 7.7 7.5 3.6 0.9 5.1 5.3 1.3 1.3 -3.2	92.5 91.7 3.9 5.3 -7.6 9.4 -2.8 ear agc -1.4 0.1 6.3 52.2 40.8 19.3 7.2 4.8 4.7 2.7 -0.8 -0.4	82.3 84.4 -15.4 35.8 -18.8 -2.0 9.0 -35.2 -36.1 -29.8 -1.9 17.2 28.9 21.7 22.8 -3.9 9.0 12.7	96.2 97.8 8.9 14.1 5.3 3.7 -4.7 -0.2 12.3 8.0 12.0 6.5 3.1 2.2 -0.3 -2.9 -1.5 6.4 1.9 3.3 -3.0 0-0.2	121.6 126.5 1.2 7.8 18.4 3.8 -3.8 16.4 5.9 -0.8 -15.3 3.8 -9.4 -2.0 -2.7 -6.7 -0.2 -7.6 4.7 -11.7
O23 Jan Feb Mar  O18 O19 O20 O21 O22  Percentage cha O21 Jan Feb Mar Apr May Jun  Jul Aug Sep Oct Nov Dec  O22 Jan Feb Mar Apr May Jun  O24 Feb Mar Apr Nov Dec  O25 Jan Feb Mar Apr May Jun Jun Jul Aug Sep Oct Nov Dec	110.4 110.2 inge, latest year of 13.4 1.5 3.3 5.2 2.0 inge, latest month 2.1 0.5 0.2 18.1 14.7 9.7 3.6 3.5 2.3 2.9 4.9 8.1 6.9 6.7 1.8 2.1 1.2	78.5 76.8  n previous year  4.3 7.6 -27.7 8.9 0.3  on same month a ye -13.6 -20.0 6.1 134.0 58.1 14.9  1.1 1.3 7.7 7.5 3.6 0.9 5.1 5.3 1.3 1.3 -3.2 -6.5	92.5 91.7 3.9 5.3 -7.6 9.4 -2.8 ear ags -1.4 0.1 6.3 52.2 40.8 19.3 7.2 4.8 4.7 2.7 -0.8 -0.4 0.8 1.4 0.9 -3.5 -3.5 -3.5	82.3 84.4 -15.4 35.8 -18.8 -2.0 9.0 -35.2 -36.1 -29.8 -1.9 17.2 28.9 21.7 22.8 -9.0 12.7 32.1 39.2 44.0 32.2 16.8 -0.8	96.2 97.8 8.9 14.1 5.3 3.7 -4.7 3.3 4.7 -0.2 12.3 8.0 12.0 6.5 3.1 2.2 -0.3 -2.9 -1.5 6.4 1.9 3.3 3.3 -3.0 -0.2 -8.4	121.6 126.5 1.2 7.8 18.4 3.8 -3.8 16.4 5.9 -0.8 -15.3 3.8 -9.4 -3.0 0.7 1.4 12.3 12.3 27.9 -6.7 -0.2 -7.6 4.7 -11.7 2.4
O23 Jan Feb Mar  O18 O19 O20 O21 O22  O22  O22  O24 O25 O25 O25 O26 O27 O27 O28 O28 O29	110.4 110.2 Inge, latest year of 13.4 1.5 3.3 5.2 2.0 Inge, latest month 2.1 0.5 0.2 18.1 14.7 9.7 3.6 3.5 2.3 2.3 2.3 2.9 4.9	78.5 76.8  n previous year  4.3 7.6 -27.7 8.9 0.3  on same month a ye -13.6 -20.0 6.1 134.0 58.1 14.9 1.1 1.3 7.7 7.5 3.6 0.9 5.1 5.3 1.3 1.3 -3.2 -6.5	92.5 91.7 3.9 5.3 -7.6 9.4 -2.8 ear age  -1.4 0.1 6.3 52.2 40.8 19.3  7.2 4.8 4.7 2.7 -0.8 -0.4  0.8 1.4 0.9 -3.5 -3.5 -3.5	82.3 84.4 -15.4 35.8 -18.8 -2.0 9.0 -35.2 -36.1 -29.8 -1.9 17.2 28.9 21.7 22.8 -3.9 9.0 12.7 32.1 39.2 44.0 32.2 16.8 -0.8	96.2 97.8 8.9 14.1 5.3 3.7 -4.7 3.3 4.7 -0.2 12.3 8.0 12.0 6.5 3.1 2.2 -0.3 -2.9 -1.5 6.4 1.9 3.3 -3.0 -0.2 -8.4 -7.1	121.6 126.5 1.2 7.8 18.4 3.8 -3.8 16.4 5.9 -0.8 -15.3 3.8 -9.4 -2.0 -7.1 -7.1 -7.1 -7.1 -7.1 -7.1 -7.1 -7.1
O23 Jan Feb Mar  O18 O19 O20 O21 O22  Percentage cha O21 Jan Feb Mar Apr May Jun  Jul Aug Sep Oct Nov Dec  O22 Jan Feb Mar Apr May Jun  O24 Feb Mar Apr Nov Dec  O25 Jan Feb Mar Apr May Jun Jun Jul Aug Sep Oct Nov Dec	110.4 110.2 inge, latest year of 13.4 1.5 3.3 5.2 2.0 inge, latest month 2.1 0.5 0.2 18.1 14.7 9.7 3.6 3.5 2.3 2.9 4.9 8.1 6.9 6.7 1.8 2.1 1.2	78.5 76.8  n previous year  4.3 7.6 -27.7 8.9 0.3  on same month a ye -13.6 -20.0 6.1 134.0 58.1 14.9  1.1 1.3 7.7 7.5 3.6 0.9 5.1 5.3 1.3 1.3 -3.2 -6.5	92.5 91.7 3.9 5.3 -7.6 9.4 -2.8 ear ags -1.4 0.1 6.3 52.2 40.8 19.3 7.2 4.8 4.7 2.7 -0.8 -0.4 0.8 1.4 0.9 -3.5 -3.5 -3.5	82.3 84.4 -15.4 35.8 -18.8 -2.0 9.0 -35.2 -36.1 -29.8 -1.9 17.2 28.9 21.7 22.8 -9.0 12.7 32.1 39.2 44.0 32.2 16.8 -0.8	96.2 97.8 8.9 14.1 5.3 3.7 -4.7 3.3 4.7 -0.2 12.3 8.0 12.0 6.5 3.1 2.2 -0.3 -2.9 -1.5 6.4 1.9 3.3 3.3 -3.0 -0.2 -8.4	121.6 126.5 1.2 7.8 18.4 3.8 -3.8 16.4 5.9 -0.8 -15.3 3.8 -9.4 -3.0 0.7 1.4 12.3 12.3 27.9 -6.7 -0.2 -7.6 4.7 -11.7 2.4
023 Jan Feb Mar  018 019 020 021 022  021 022  021 Jan Feb Mar Apr May Jun  Jul Aug Sep Oct Nov Dec  022 Jan Feb Mar Apr Mar Apr Jun  Jul Aug Sep Oct Apr May Jun  Jul Aug Sep Oct	110.4 110.2 Inge, latest year of 13.4 1.5 3.3 5.2 2.0 Inge, latest month 2.1 0.5 0.2 18.1 14.7 9.7 3.6 3.5 2.3 2.3 2.3 2.9 4.9 8.1 6.9 6.7 1.8 2.1 1.2	78.5 76.8  n previous year  4.3 7.6 -27.7 8.9 0.3  on same month a ye -13.6 -20.0 6.1 134.0 58.1 14.9 1.1 1.3 7.7 7.5 3.6 0.9 5.1 5.3 1.3 -3.2 -6.5	92.5 91.7 3.9 5.3 -7.6 9.4 -2.8 ear age  -1.4 0.1 6.3 52.2 40.8 19.3  7.2 4.8 4.7 2.7 -0.8 -0.4  0.8 1.4 0.9 -3.5 -3.5 -3.5 -3.5	82.3 84.4 -15.4 35.8 -18.8 -2.0 9.0 9.0 -35.2 -36.1 -29.8 -1.9 17.2 28.9 21.7 22.8 -3.9 9.0 12.7 32.1 39.2 44.0 32.2 16.8 -0.8	96.2 97.8 8.9 14.1 5.3 3.7 -4.7 3.3 4.7 -0.2 12.3 8.0 12.0 6.5 3.1 2.2 -0.3 -2.9 -1.5 6.4 1.9 3.3 -3.0 -0.2 -8.4	121.6 126.5 1.2 7.8 18.4 3.8 3.8 -15.3 3.8 -9.4 -3.0 0.7 1.4 12.3 27.9 -6.7 -0.2 -7.6 4.7 -11.7 2.4 -6.5 -13.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1.2 1
023 Jan Feb Mar  018 019 020 021 022  021 022  021 021 022  021 022  021 022  021 022  021 022  021 022  021 022  021 022  021 022  021 022  021 022  021 022  022 023 024 025 026 027 027 028 028 029 029 029 029 020 020 020 020 020 020	110.4 110.2 Inge, latest year of 13.4 1.5 3.3 5.2 2.0 Inge, latest month 2.1 0.5 0.2 18.1 14.7 9.7 3.6 3.5 2.3 2.3 2.3 2.9 4.9 8.1 6.9 6.7 1.8 2.1 1.2	78.5 76.8  n previous year  4.3 7.6 2-27.7 8.9 0.3  on same month a year  -13.6 -20.0 6.1 134.0 58.1 14.9  1.1 1.3 7.7 7.5 3.6 0.9  5.1 5.3 1.3 1.3 -3.2 -6.5  -0.4 0.2 0.4 -0.4 -0.4 -0.4	92.5 91.7 3.9 5.3 -7.6 9.4 -2.8 ear ags -1.4 0.1 6.3 52.2 40.8 19.3 7.2 4.8 4.7 2.7 -0.8 -0.4 0.8 1.4 0.9 -3.5 -3.5 -3.5 -3.5 -3.8	82.3 84.4 -15.4 35.8 -18.0 -9.0 -35.2 -36.1 -29.8 -1.9 17.2 22.8 -21.7 22.8 -3.9 9.0 12.7 32.1 39.2 44.0 32.2 16.8 -0.8	96.2 97.8 8.9 14.1 5.3 3.7 -4.7 3.3 4.7 -0.2 12.3 8.0 12.0 6.5 3.1 2.2 -0.3 -2.9 -1.5 6.4 1.9 3.3 -3.0 -0.2 -8.4 -7.1 -4.6 -6.7 -10.2 -12.6	121.6 126.5 1.2 7.8 18.4 3.8 -3.8 16.4 5.9 -0.8 -15.3 3.8 -9.4 12.3 12.3 12.3 12.3 27.9 -0.2 -7.6 4.7 -11.7 -11.7 -1.17
O23 Jan Feb Mar  O18 O19 O20 O21 O22  O21 O22  O21 O22  O21 O22  O22  O22  O24  O25  O26  O27  O27  O28  O28  O29  O29  O29  O20  O20  O20  O20  O20	110.4 110.2 Inge, latest year of 13.4 1.5 3.3 5.2 2.0 Inge, latest month 2.1 0.5 0.2 18.1 14.7 9.7 3.6 3.5 2.3 2.3 2.3 2.9 4.9 8.1 6.9 6.7 1.8 2.1 1.2	78.5 76.8  n previous year  4.3 7.6 -27.7 8.9 0.3  on same month a y  -13.6 -20.0 6.1 134.0 58.1 14.9  1.1 1.3 7.7 7.5 3.6 0.9  5.1 5.3 1.3 -3.2 -6.5 -0.4 0.2 0.4 -0.4 1.1 0.6	92.5 91.7 3.9 5.3 -7.6 9.4 -2.8 ear age  -1.4 0.1 6.3 52.2 40.8 19.3  7.2 4.8 4.7 2.7 -0.8 -0.4  0.8 1.4 0.9 -3.5 -3.5 -3.5 -3.5 -3.8	82.3 84.4 -15.4 35.8 -18.8 -2.0 9.0 -35.2 -36.1 -29.8 -1.9 17.2 28.9 -1.7 22.8 -1.9 9.0 12.7 32.1 39.2 44.0 32.2 16.8 -0.8 -1.3 -3.3 -6.5	96.2 97.8 8.9 14.1 5.3 3.7 -4.7 3.3 4.7 -0.2 12.0 6.5 3.1 2.2 -0.3 -2.9 -1.5 6.4 1.9 3.3 -3.0 -0.2 -8.4 -7.1 -4.6 -6.7 -10.2 -12.6 -14.2	121.6 126.5 1.2 7.8 18.4 3.8 -3.8 16.4 5.9 -0.8 -15.3 3.8 -9.4 -2.0 -7.1 -4.7 -1.2 -7.0 -7.1 -7.1 -7.2 -7.1 -7.2 -7.2 -7.3 -7.2 -7.3 -7.3 -7.3 -7.3 -7.3 -7.3 -7.3 -7.3
2023 Jan Feb Mar  2018 2019 2020 2021 2021 2021 2022 2021 2022 2021 2022 2021 2022 2021 2022 202	110.4 110.2 Inge, latest year of 13.4 1.5 3.3 5.2 2.0 Inge, latest month 2.1 0.5 0.2 18.1 14.7 9.7 3.6 3.5 2.3 2.3 2.3 2.9 4.9 8.1 6.9 6.7 1.8 2.1 1.2	78.5 76.8  n previous year  4.3 7.6 -27.7 8.9 0.3  on same month a y  -13.6 -20.0 6.1 134.0 58.1 14.9  1.1 1.3 7.7 7.5 3.6 0.9  5.1 5.3 1.3 -3.2 -6.5 -0.4 0.2 0.4 -0.4 1.1 0.6	92.5 91.7 3.9 5.3 -7.6 9.4 -2.8 ear age  -1.4 0.1 6.3 52.2 40.8 19.3  7.2 4.8 4.7 2.7 -0.8 -0.4  0.8 1.4 0.9 -3.5 -3.5 -3.5 -3.5 -3.8	82.3 84.4 -15.4 35.8 -18.8 -2.0 9.0 9.0 -35.2 -36.1 -29.8 -1.9 17.2 28.9 21.7 22.8 -3.9 9.0 12.7 32.1 39.2 44.0 32.2 16.8 -0.8 -8.3 -7.5 -4.6 -1.3 -3.3 -6.5	96.2 97.8 8.9 14.1 5.3 3.7 -4.7 3.3 4.7 -0.2 12.3 8.0 12.0 6.5 3.1 2.2 -0.3 -2.9 -1.5 6.4 1.9 3.3 -3.0 -0.2 -8.4 -7.1 -4.6 -6.7 -10.2 -12.6	121.6 126.5 1.2 7.8 18.4 3.8 -3.8 16.4 5.9 -0.8 -15.3 3.8 -9.4 -2.0 -7.1 -7.1 -7.1 -7.1 -7.1 -7.2 -7.6 -7.1 -7.2 -7.6 -7.1 -7.2 -7.6 -7.1 -7.1 -7.2 -7.1 -7.2 -7.3 -7.1 -7.1 -7.2 -7.3 -7.3 -7.3 -7.3 -7.3 -7.3 -7.3 -7.3

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

<sup>&</sup>lt;sup>†</sup> indicates that data are new or have been revised. The period marked is the earliest in the table to have been revised.

## **IDP** 5 Output of the Production Industries Chained volume indices of gross value added<sup>1</sup>

ained volume indices of gross value added Seasonally adjusted 2019 = 100

	Rubber and plastic products and non-metallic	Basic metals and metal	Computer, electronic and	Electrical	Machinery and equipment not elsewhere	Transport	Other manufacturin
- ··	mineral products	products	optical products	equipment	classified	equipment	and repa
Section	CG	СН	CI	CJ	CK	CL	CI
_atest weight	52.8	81.3	50.5	18.0	54.6	108.3	67.
	K23B	K23G	K23N	K23P	K23R	K23T	K23
2018	97.5	102.8	101.3	91.7	109.7	103.6	102.
2019	100.0	100.0	100.0	100.0	100.0	100.0	100.
2020 2021	97.1 111.7	107.5 117.9	97.1 101.6	125.8 140.6	99.1 126.9	91.9 99.0	98. 114.
2022	108.6	110.1	100.3	124.9	113.9	91.1	114.
2022 Q1	109.0	113.3	100.3	129.6	118.1	92.7	115
Q2	114.0	111.5	97.6	124.4	114.4	91.9	113
Q3 Q4	107.2 104.0	108.8 106.8	101.7 101.4	123.7 122.0	111.6 111.3	88.3 91.6	114 114
Q4	104.0	100.6	101.4	122.0	111.3	91.0	114
2023 Q1	106.6	111.0	104.7	121.0	111.1	92.1	116
2022 Jan	109.8	113.9	102.6	130.9	122.5	92.2	113
Feb	107.4	112.7	98.8	127.0	117.2	92.6	117
Mar	109.9	113.2	99.5	130.9	114.6	93.3	116
Apr May	113.8 116.6	113.1 111.4	96.5 97.3	125.4 123.5	112.6 115.9	93.6 91.4	112 113
Jun	111.7	109.9	99.1	124.4	114.8	90.7	114
Jul	109.4	110.1	100.3	122.5	113.0	89.1	114
Aug	107.7	108.1	103.6	124.9	111.4	87.6	115
Sep	104.6	108.3	101.3	123.7	110.5	88.3	113
Oct Nov	104.7 103.1	107.0 107.2	100.3 101.6	123.2 122.0	110.1 110.9	90.6 92.0	114 114
Dec	104.3	106.3	102.3	120.8	113.0	92.2	114
			T 101.4 T	125.4	T 111.1 T	91.1	<sup>T</sup> 115
2023 Jan	106.4 <sup>T</sup>	110.1	101.4	120.7	11111		
Feb Mar Percentage c	107.4 106.0 hange, latest year oi 4.8	110.6 112.4 n previous year 1.1	104.6 108.0	117.9 119.6	111.3 110.8	92.2 93.1 -2.1	116. 116. 4.
Feb Mar  Percentage c 2018 2019 2020 2021	107.4 106.0 hange, latest year of 4.8 2.5 -2.9 15.0	110.6 112.4 n previous year 1.1 -2.7 7.5 9.6	1.7 1.7 -1.2 -2.9 4.5	117.9 119.6 1.7 9.1 25.7 11.8	111.3 110.8 10.5 -8.9 -0.9 28.1	92.2 93.1 -2.1 -3.5 -8.1 7.8	116 116 4 -2 -1 15
Feb Mar  Percentage c 2018 2019 2020 2020 2021 2022	107.4 106.0 hange, latest year or 4.8 2.5 -2.9 15.0 -2.8	110.6 112.4 n previous year 1.1 -2.7 7.5 9.6 -6.6	1.7 -1.2 -2.9 4.5 -1.2	117.9 119.6 1.7 9.1 25.7	111.3 110.8 10.5 -8.9 -0.9	92.2 93.1 -2.1 -3.5 -8.1	116. 116. 4. -2. -1.
Mar  Percentage c 2018 2019 2020 2021 2022  Percentage c	107.4 106.0 hange, latest year of 4.8 2.5 -2.9 15.0 -2.8 hange, latest month	110.6 112.4 n previous year 1.1 -2.7 7.5 9.6 -6.6 on same month	1.7 -1.2 -2.9 4.5 -1.2	117.9 119.6 1.7 9.1 25.7 11.8 -11.2	111.3 110.8 10.5 -8.9 -0.9 28.1 -10.3	92.2 93.1 -2.1 -3.5 -8.1 7.8 -8.0	116. 116. 4. -2. -1. 155.
Feb Mar  Percentage c 2018 2019 2020 2021 2022  Percentage c 2021 Jan	107.4 106.0 hange, latest year of 4.8 2.5 -2.9 15.0 -2.8 hange, latest month	110.6 112.4 n previous year 1.1 -2.7 7.5 9.6 -6.6 on same month	104.6 108.0 1.7 -1.2 -2.9 4.5 -1.2 a year ag:	117.9 119.6 1.7 9.1 25.7 11.8 -11.2	111.3 110.8 10.5 -8.9 -0.9 28.1 -10.3	92.2 93.1 -2.1 -3.5 -8.1 7.8 -8.0	116. 116. 4. -2. -1. 15. 0.
Feb Mar  Percentage c 2018 2019 2020 2021 2022 2  Percentage c 2021 Jan Feb	107.4 106.0 hange, latest year of 4.8 2.5 -2.9 15.0 -2.8 hange, latest month 5.6 6.1	110.6 112.4 In previous year 1.1 -2.7 7.5 9.6 -6.6 on same month	1.7 -1.2 -2.9 4.5 -1.2 a year ag:	117.9 119.6 1.7 9.1 25.7 11.8 -11.2	111.3 110.8 10.5 -8.9 -0.9 28.1 -10.3	92.2 93.1 -2.1 -3.5 -8.1 7.8 -8.0	116 116 4 -2 -1 15 0
Feb Mar  Percentage c 2018 2019 2020 2021 2022  Percentage c 2021 Jan	107.4 106.0 hange, latest year of 4.8 2.5 -2.9 15.0 -2.8 hange, latest month	110.6 112.4 n previous year 1.1 -2.7 7.5 9.6 -6.6 on same month	104.6 108.0 1.7 -1.2 -2.9 4.5 -1.2 a year ag:	117.9 119.6 1.7 9.1 25.7 11.8 -11.2	111.3 110.8 10.5 -8.9 -0.9 28.1 -10.3	92.2 93.1 -2.1 -3.5 -8.1 7.8 -8.0	116 116 4 -2 -1 15 0
Feb Mar  Percentage c 2018 2019 2020 2021 2022  Percentage c 2021 Jan Feb Mar Apr May	107.4 106.0 hange, latest year of 4.8 2.5 -2.9 15.0 -2.8 hange, latest month 5.6 6.1 23.5 111.7 53.2	110.6 112.4 n previous year 1.1 -2.7 7.5 9.6 -6.6 on same month 10.4 10.4 17.9 53.2 39.7	104.6 108.0 1.7 -1.2 -2.9 4.5 -1.2 a year agc -2.0 4.0 6.7 27.6 7.9	117.9 119.6 1.7 9.1 25.7 11.8 -11.2 24.3 22.0 27.3 58.7 53.1	111.3 110.8 10.5 -8.9 -0.9 28.1 -10.3 23.3 23.1 52.4 148.3 83.8	92.2 93.1 -2.1 -3.5 -8.1 7.8 -8.0 -4.4 -0.1 26.2 138.7 93.3	116 116 4 -2 -1 15 0 5 6 13 50 40
Percentage co 2018 2019 2020 2021 2022 Percentage co 2021 Jan Feb Mar Apr May Jun	107.4 106.0 hange, latest year of 4.8 2.5 -2.9 15.0 -2.8 hange, latest month 5.6 6.1 1.23.5 111.7 53.2 21.0	110.6 112.4 n previous year 1.1 -2.7 7.5 9.6 -6.6 on same month 10.4 10.4 10.4 17.9 53.2 39.7 18.2	1.7 -1.2 -2.9 4.5 -1.2 a year ags -2.0 4.0 6.7 27.6 7.9 10.2	117.9 119.6 1.7 9.1 25.7 11.8 -11.2 24.3 22.0 27.3 58.7 53.1 24.4	111.3 110.8 10.5 -8.9 -0.9 28.1 -10.3 23.3 23.1 52.4 148.3 83.8 31.4	92.2 93.1 -2.1 -3.5 -8.1 7.8 -8.0 -4.4 -0.1 26.2 138.7 93.3 31.1	116 116 4 -2 -1 15 0 5 6 13 50 40 30
Feb Mar  Percentage c 2018 2019 2020 2021 2022  Percentage c 2021 Jan Feb Mar Apr May Jun Jul	107.4 106.0 hange, latest year of 4.8 2.5 -2.9 15.0 -2.8 hange, latest month 5.6 6.1 23.5 111.7 53.2 21.0	110.6 112.4 n previous year 1.1 -2.7 7.5 9.6 -6.6 on same month 10.4 10.4 11.9 53.2 39.7 18.2	104.6 108.0 1.7 -1.2 -2.9 4.5 -1.2 a year agc -2.0 4.0 6.7 27.6 7.9	117.9 119.6 1.7 9.1 25.7 11.8 -11.2 24.3 22.0 27.3 58.7 53.1 24.4 9.3	111.3 110.8 10.5 -8.9 -0.9 28.1 -10.3 23.3 23.1 52.4 148.3 83.8 31.4	92.2 93.1 -2.1 -3.5 -8.1 7.8 -8.0 -4.4 -0.1 26.2 138.7 93.3 31.1	116 116 4 -2 -1 15 0 5 6 13 50 40 30
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Feb Mar  Percentage c 2018 2019 2020 2021 2022  Percentage c 2021 Jan Feb Mar Apr May Jun  Jul Aug Sep Oct Nov Dec 2022 Jan Feb Mar Apr May Jun  Jul Aug Sep Jun  Jul Aug Sep Sep Sep Mar Apr May Jun  Jul Aug Sep	107.4 106.0 hange, latest year of 4.8 2.5 -2.9 15.0 -2.8 hange, latest month 5.6 6.1 23.5 111.7 53.2 21.0 10.2 5.4 4.6 2.3 0.9 -3.0 -0.1 -3.1 -5.5 -2.3 3.8 -0.2	110.6 112.4 In previous year 1.1 -2.7 7.5 9.6 -6.6 on same month 10.4 17.9 53.2 39.7 18.2 10.3 6.7 -1.3 4.7 -7.6 -11.7 -5.9 -5.5 -6.6 -10.0 -9.3	104.6 108.0 1.7 -1.2 -2.9 4.5 -1.2 a year ag: -2.0 4.0 6.7 27.6 7.9 10.2 4.3 - 0.9 -1.9 -3.4 7.0 1.9 -6.3 -2.0 -2.9 -2.0 -2.9 -2.9 -2.0 -2.9 -2.9 -2.9 -2.9 -2.9 -2.9 -2.9 -2.9	117.9 119.6 1.7 9.1 25.7 11.8 -11.2 24.3 22.0 27.3 58.7 53.1 24.4 9.3 -3.1 -7.4 -9.9 -15.0 -1.4 -7.9 -13.3 -9.3 -15.5 -19.9 -12.3 -13.2 -8.8	111.3 110.8 10.5 -8.9 -0.9 28.1 -10.3 23.3 23.1 52.4 148.3 83.8 31.4 26.0 26.8 23.5 5.3 -0.3 -11.8 -1.3 -7.2 -13.9 -15.3 -12.9 -13.6	92.2 93.1 -2.1 -3.5 -8.1 7.8 -8.0 -4.4 -0.1 26.2 138.7 93.3 31.1 10.5 0.5 -10.4 -12.6 -18.6 -19.7 -11.7 -12.8 -12.0 -6.8	116 116 116 4 -2 -1 15 0 5 6 6 13 5 0 40 30 30 2 4 4 3 3 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Feb Mar  Percentage c 2018 2019 2020 2021 2022 Percentage c 2021 Feb Mar Apr May Jun  Jul Aug Sep Oct Nov Dec 2022 Jan Feb Mar Apr May Jun  Jul Aug Sep Oct Nov Dec 2022 Jun Feb Mar Apr May Jun  Jul Aug Sep Oct Nov Dec	107.4 106.0 hange, latest year of 4.8 2.5 -2.9 15.0 -2.8 hange, latest month 5.6 6.1 23.5 111.7 53.2 21.0 10.2 5.4 4.6 2.3 0.9 -3.0 -0.1 -3.1 -5.5 -2.3 3.8 -0.2	110.6 112.4 n previous year 1.1 -2.7 7.5 9.6 -6.6 on same month 10.4 17.9 53.2 39.7 18.2 10.3 6.7 -1.3 -4.7 -7.6 -11.7 -5.5 -6.5 -6.6 -10.0 -9.3	104.6 108.0 1.7 -1.2 -2.9 4.5 -1.2 a year ags -2.0 4.0 6.7 27.6 7.9 10.2 4.3 -0.9 -1.9 -3.4 7.0 1.9 -6.3 -2.0 -2.9 -3.2 -2.9 -3.2 -2.9 -3.2 -2.9	117.9 119.6 1.7 9.1 25.7 11.8 -11.2 24.3 22.0 27.3 58.7 53.1 -7.4 -9.9 -15.0 -1.4 -7.9 -13.3 -9.3 -15.5 -19.9 -12.3 -13.2 -8.8 -7.6 -7.3	111.3 110.8 10.5 -8.9 -0.9 28.1 -10.3 23.3 23.1 52.4 148.3 83.8 31.4 26.0 26.8 23.5 5.3 -0.3 -11.8 -1.3 -7.2 -13.9 -15.3 -12.9 -13.6 -11.4 -13.9 -16.7 -5.7 -6.8 -1.9	92.2 93.1 -2.1 -3.5 -8.1 7.8 -8.0 -4.4 -0.1 26.2 138.7 93.3 31.1 10.5 -10.4 -12.0 -10.4 -2.0 -6.8 -8.0 -11.2 -9.1 -6.1 -2.8 -0.8	116 116 116 116 116 115 12 13 50 40 40 30 30 18 11 11 11 26 33 30 00 -2 -2 -1
Feb Mar Percentage c 2018 2019 2020 2021 2022 Percentage c 2021 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2022 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2022 Jan Feb Mar Apr May Jun Jul Avg Sep Oct Nov Dec	107.4 106.0 hange, latest year of 4.8 2.5 -2.9 15.0 -2.8 hange, latest month 5.6 6.1 23.5 111.7 53.2 21.0 10.2 5.4 4.6 2.3 0.9 -3.0 -0.1 -3.1 -5.5 -2.3 3.8 -0.2 -1.4 -2.2 -6.3 -5.4 -7.6 -3.2	110.6 112.4 n previous year 1.1 -2.7 7.5 9.6 -6.6 on same month 10.4 10.4 17.9 53.2 39.7 18.2 10.3 6.7 -1.3 -4.7 -7.6 -11.7 -5.5 -6.5 -6.6 -6.6 -10.0 -9.3 -6.7 -8.0 -6.1 -4.5 -3.3	104.6 108.0 1.7 -1.2 -2.9 -4.5 -1.2 a year ags -2.0 4.0 6.7 27.6 7.9 10.2 4.3 -0.9 -1.9 -3.4 7.0 1.9 -6.3 -2.0 -2.9 -3.2 -2.9 -3.2 -2.9 -3.2 -2.9	117.9 119.6 1.7 9.1 25.7 11.8 -11.2 24.3 22.0 27.3 58.7 53.1 24.4 9.3 -3.1 -7.4 -9.9 -15.0 -1.4 -7.9 -13.3 -9.3 -15.5 -19.9 -12.3 -13.2 -8.8 -8.5 -7.6 -7.3 -7.3 -7.3 -7.3	111.3 110.8 10.5 -8.9 -0.9 28.1 -10.3 23.3 23.1 52.4 148.3 83.8 31.4 26.0 26.8 23.5 5.3 -0.3 -11.8 -1.3 -7.2 -13.9 -15.3 -12.9 -13.6 -11.4 -13.9 -16.7 -5.7 -6.8 -1.9	92.2 93.1 -2.1 -3.5 -8.1 7.8 -8.0 -4.4 -0.1 26.2 138.7 93.3 31.1 10.5 -10.4 -12.0 -10.4 -2.0 -6.8 -8.0 -11.2 -9.1 -6.1 -2.8 -0.8	116 116 116 116 4 -2 -1 15 0 0 13 5 0 4 0 0 0 -2 -1 -1 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0 -0

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

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

## Output of the Production Industries Chained volume indices of gross value added Chained volume indices of gross value added

ection atest weight ercentage cha	and tobacco CA 110.8	leather products CB	and printing	products	products	preparation
	110 8	CD	CC	CD	CE	C
	110.0	25.5	48.0	18.5	44.3	49.
ercentage cha	K22B	K22P	K22T	K22X	K22Z	K23
	inge, latest month	on previous month				
021 Jan	-1.9	-5.9	-0.5	-12.3	-5.1	5.
Feb	0.9	-3.0	0.1	-2.1	-0.3	0.
Mar	0.7 4.6	7.6 2.2	0.8 2.4	1.1 8.9	-1.4 5.1	3. -11.
Apr May	0.4	2.2	-0.3	0.9 14.4	-2.4	-11. 21.
Jun	-0.4	1.3	-2.3	8.8	2.6	-12.
Jul	1.1	-4.0	0.9	-2.7	-1.7	6.
Aug Sep	-0.5 -0.4	0.7 0.4	-2.2 2.2	0.4 -4.7	-0.5 -0.8	0. -3.
Oct	0.8	-0.4	-0.5	-4.7 -1.7	2.4	-3. 8.
Nov	0.2	-0.4	-0.7	2.5	0.5	-2.
Dec	-0.6	0.9	-0.3	2.1	0.6	14.
022 Jan	1.1	-1.9	0.7	2.8	2.4	-23
Feb Mar	-0.3 0.5	-2.9 3.6	0.6 0.4	3.1 4.6	-4.5 -0.1	7. -4.
Apr	-0.1	2.2	-2.1	4.0	-1.3	-4.
May	0.7	-2.4	-0.3	1.1	0.4	2
Jun	-1.3	-2.2	-2.7	-7.6	-5.9	1
Jul	-0.1	2.2	2.8	-10.1	-0.3	-2
Aug	-0.3 -0.7	1.3	-2.4 -1.1	1.3 -1.7	2.1	-6 12
Sep Oct	-0.7 0.2	0.6 -1.3	0.2	-1.7 1.7	-3.0 -1.4	12
Nov	0.6	1.1	-1.6	0.4	-2.1	-7
Dec	-1.1	0.4	-0.9	-1.3	-1.2	3
023 Jan	0.8				3.2 <sup>T</sup>	-5
Feb Mar	0.1 -0.2	-1.9 -2.2	-1.0 -0.9	1.3 2.5	-2.8 1.6	-0 4
ercentage cha	inge, latest 3 mont	ths on same 3 mont	hs a year agc			
021 Jan	5.0	-15.7		-31.2	11.3	15.
Feb	2.5	-15.5	-0.1	-33.8	6.8	13.
Mar	0.9	-10.1	1.6	-33.8	2.6	6
Apr	5.8	16.1	15.8	-24.6	5.5	-3
May Jun	10.6 14.1	50.3 54.8	30.2 36.2	-7.3 14.4	6.6 10.8	-4 -7
Jul	9.1	20.6	21.0	22.6	8.8	-2
Aug	5.5	5.5	10.1	24.4	7.1	-4
Sep	3.1	3.3	5.6	14.1	3.9	-0
Oct Nov	2.7 2.5	5.4 6.2	4.1 2.2	8.3 4.2	1.6 -0.4	4 8
Dec	3.4	3.9	0.5	8.5	-1.6	17
022 Jan	5.3	3.1	-0.1	17.3	0.6	10
Feb	6.6	3.7	0.6	27.2	2.2	6
Mar Apr	7.2 5.1	3.8 2.6	1.0 -0.4	38.4 38.3	3.9 0.7	-4 -1
May	3.5	-0.2	-2.0	30.0	-	-5
Jun	1.7	-2.8	-3.6	14.9	-3.9	-2
Jul	1.1	-3.4	-3.1	2.3	-5.3	-5
Aug	0.4	-2.3	-2.7	-5.5 6 9	-6.7	-6
Sep Oct	-0.3	0.1 0.1	-3.2 -4.2	-6.8 -4.5	-6.1 -7.2	-6 -2
Nov	-0.4	0.4	-5.3	-3.1	-9.9	2
Dec	-0.7	0.4	-5.6	-3.7	-12.4	-2
		1.3 <sup>T</sup>		т сот	40 F T	0
023 Jan Feb	-0.8 -0.9		-6.4 -7.5	-6.0 T -8.2	-13.5 <sup>†</sup> -13.3	-C C

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

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# Output of the Production Industries Chained volume indices of gross value added Chained volume indices of gross value added

	Rubber and plastic products and non-metallic mineral products	Basic metals and metal products	Computer, electronic and optical products		Machinery and equipment not elsewhere classified	Transport equipment	Othe manufacturin and repa
ection	CG	CH	CI	CJ	СК	CL	C
atest weight	52.8	81.3	50.5	18.0	54.6	108.3	67
	K23B	K23G	K23N	K23P	K23R	K23T	K23
ercentage cl	nange, latest month o	on previous mont	h				
021 Jan	-1.1	-2.7	5.5	6.3	-4.9	-9.8	1
Feb	0.8	-1.6	4.7	3.0	1.7	1.7	1
Mar	5.0	1.6	-3.7	-1.5	5.5	-0.2	-0
Apr May	0.2 -3.6	2.2	-2.1 1.1	2.8 3.9	-0.2 0.1	-1.4 -10.8	0
Jun	-0.5	-2.1	1.6	-7.9	-0.1	4.2	2
Jul	-0.8	-2.7	0.3	-0.5	-4.0	-0.3	-0
Aug	-0.9	-0.4	-1.0	-3.1	1.4	1.8	0
Sep	1.5	-1.9	-	-1.2	2.5	-1.4	-0
Oct	-0.8	-1.1	-1.7	-1.4	-12.0	-0.7	-0
Nov	0.8	-1.4	2.0	-1.3	1.9	-2.0	-0
Dec	-3.3	-2.2	0.4	0.2	-3.3	-1.8	-2
22 Jan	1.8	3.7	0.4	-0.7	6.4	-0.8	0
Feb	-2.2	-1.1	-3.7	<b>-2.9</b>	-4.4	0.4	3
Mar Apr	2.4 3.5	0.5 -0.1	0.7 -3.0	3.0 -4.2	-2.2 -1.8	0.7 0.4	-1 -3
May	2.5	-1.5	0.8	-1.5	3.0	-2.3	 1
Jun	-4.2	-1.3	1.9	0.8	-0.9	-0.9	Ċ
Jul	-2.0	0.2	1.2	-1.5	-1.6	-1.7	C
Aug	-1.6	-1.9	3.3	2.0	-1.4	-1.7	1
Sep	-2.8	0.3	-2.2	-1.0	-0.9	0.8	-1
Oct	0.1	-1.2	-1.0	-0.4	-0.3	2.6	C
Nov Dec	-1.5 1.2	0.3 -0.9	1.3 0.6	-1.0 -1.0	0.7 1.8	1.5 0.2	-C
	1.9 <sup>†</sup>			3.8 <sup>T</sup>		-1.2	
23 Jan Feb	1.9	3.6 0.5	<sup>⊤</sup> -0.9 <sup>⊤</sup> 3.2	-5.9	-1.6 <sup>T</sup> 0.2	-1.2 1.2	<sup>T</sup> 1
Mar	-1.3	1.7	3.3	1.4	-0.5	0.9	-0
ercentage cl	nange, latest 3 month	ns on same 3 mor	nths a year ago				
)21 Jan	8.4	15.3	-2.6	31.4	23.5	7.6	6
Feb	6.8	13.0	-2.0	22.9	26.3	2.2	6
Mar	11.3	12.8	2.8	24.5	32.0	5.7	8
Apr	35.5	24.7	11.6	34.3	61.1	35.3	20
May Jun	55.1 54.3	35.4 35.5	13.2 14.5	45.3 44.2	87.1 75.7	72.6 77.5	32 39
Juli	34.3	33.3	14.5	44.2	73.7	77.5	38
Jul Aug	25.8 11.9	21.7 11.6	7.4 4.7	27.1 9.2	43.2 28.1	36.8 12.6	29 19
Sep	6.7	5.1	1.7	-0.7	25.4	-0.5	13
Oct	4.1	0.1	-0.4	-6.8	18.2	-7.8	10
Nov	2.6	-4.5	-1.5	-10.8	9.1	-13.9	9
Dec	0.1	-8.0	0.4	-9.1	-2.8	-17.0	6
22 Jan	-0.7	-8.4	1.6	-8.5	-4.7	-16.8	4
Feb	-2.0	-7.8	0.6	-7.7	-6.8	-14.9	3
Mar	-2.9	-6.0	-2.2	-10.2	-7.6	-12.1	3
Apr May	-3.6 -1.4	-6.2 -7.7	-3.8 -2.7	-12.7 -15.0	-12.2 -14.0	-11.7 -8.4	2 1
Jun	0.4	-8.7	-3.0	-16.0	-13.9	-6.5	-(
Jul	0.7	-8.7	-2.7	-15.3	-12.6	-5.6	-1
Aug	-1.2	-8.0	-0.9	-11.5	-13.0	-8.7	-1
Sep	-3.3	-6.9	-	-10.2	-14.1	-9.5	-1
Oct	-4.6	-6.7	0.9	-8.3	-12.4	-8.8	-1
Nov	-6.4	-5.5	0.1	-7.8 7.7	-10.0	-6.0	-1
Dec	-5.4	-4.6	0.2	-7.7	-4.8	-3.3	-(
23 Jan	-4.7 <sup>†</sup>	-3.7		-6.6 <sup>†</sup>	-6.1 <sup>†</sup>	-1.6	
Feb	-2.1	-2.8	1.5	-6.6	<b>-</b> 5.5	-0.8	(
Mar	-2.3	-2.0	4.3	-6.7	-5.9	-0.6	C

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

 $<sup>^\</sup>dagger$  indicates that data are new or have been revised. The period marked is the earliest in the table to have been revised.

## Output of the Production Industries Chained volume indices of gross value added Chained volume indices of gross value added

	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	Basion pharmaceutica products and preparations
Section	CA	СВ	CC	CD	CE	CF
atest weight	110.8	25.5	48.0	18.5	44.3	49.0
· ·	K22B	K22P	K22T	K22X	K22Z	K239
Percentage ch	ange, latest 3 mont	ths on previous 3 m	onths			
2021 Jan	-1.9	1.5	4.0	-5.8	4.2	-2.9
Feb	-3.4	0.6	1.3	-13.0	-0.8	2.2
Mar	-2.9	-2.2	0.3	-14.6	-5.3	6.3
Apr	0.7	-0.2	0.9	-7.5	-3.3	2.0
May	3.9	5.6	2.2	5.8	-0.9	3.6
Jun	5.6	8.2	2.0	23.0	3.2	-1.4
Jul	3.8	5.6	0.3	27.4	1.5	5.4
Aug	1.9	0.9	-1.9	19.9	1.2	-0.
Sep	0.5	-1.9	-1.5	5.8	-1.5	2.
Oct	0.1	-1.5	-1.1	-2.4	-0.6	0.3
Nov	0.2	-0.9	0.5	-5.6		3.
Dec	0.3	0.1	-0.3	-2.4	2.3	9.3
022 Jan	0.6	-0.6	-0.2	2.1	3.1	2.
Feb	0.4	-1.8	-0.2	6.2	1.9	0.
Mar	0.7	-2.2	0.9	8.9	-0.1	-13.
Apr	0.5	-0.8	0.6	9.0	-3.2	-9.
May	0.9	1.6	-0.5	8.1	-3.1	-8.
Jun	0.2	1.3	-2.7	2.1	-4.5	1.4
Jul	-0.1	-0.5	-2.4	-5.8	-4.5	0.8
Aug	-1.1	-1.2	-2.5	-12.8	-5.6	-1.3
Sep	-1.2	1.0	-1.1	-14.2	-3.8	-1.8
Oct	-1.3	2.1	-2.1	-8.9	-2.6	3.8
Nov	-0.6	1.8	-2.2	-3.2	-3.4	12.
Dec	-0.3	0.4	-2.7	0.9	-4.5	14.
.023 Jan	0.1				-3.8 <sup>T</sup>	
Feb	-	-0.2	-2.5	0.6	-2.0	-1.
Mar	0.3	-1.8	-2.5	1.9	0.3	-4.

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

<sup>&</sup>lt;sup>†</sup> indicates that data are new or have been revised. The period marked is the earliest in the table to have been revised.

## OP5 Output of the Production Industries

Chained volume indices of gross value added<sup>1</sup>

Seasonally adjusted 2019 = 100 Rubber and Machinery and plastic products Basic metals Computer, equipment not Other electronic and manufacturing and non-metallic and metal Electrical elsewhere Transport mineral products products optical products equipment classified equipment and repair CG СН CJ CK СМ Section CI CL 52.8 81.3 50.5 18.0 54.6 108.3 67.4 Latest weight K23B K23G K23N K23P K23R K23T K23Z Percentage change, latest 3 months on previous 3 months 2021 Jan 3.8 -0.6 -1.0 16.8 6.1 4.4 Feb Mar 2.0 2.2 2.0 -1.1 -1.8 1.8 -5.9 -0.8 12.8 6.3 -2.6 -7.5 4.6 3.7 3.7 -1.5 1.6 1.9 4.8 -5.8 2.3 Apr May 0.3 -0.1 Jun 1.2 1.3 -1.9 2.7 4.0 -6.8 2.2 -2.4 3.2 0.4 -0.5 -0.4 0.3 -9.2 Jul -3.6 -2.4 -2.5 -4.2 -6.0 1.4 1.0 -2.3 -2.3 -3.6 -0.8 3.7 Aug -7.0 2.0 Sep Oct -0.9 -4.5 -0.8 -7.3 -3.7 1.7 0.4 Nov 0.3 -4.3 -1.0 -4.7 -5.5 -1.5 -0.8 Dec -0.8 -4.2-0.5 -4.0 -9.9 -3.0-1.5 2022 Jan -1.0 -3.0 1.4 -2.7 -5.8 -4.3 -1.7 -2.7 -1.5 0.3 -2.6 -3.7 -3.7 -0.9 Feb -0.9 1.1 -0.9 -2.0 0.9 -2.1 0.9 Apr 0.6 0.9 -3.8 -2.8 -3.5 -0.1 1.0 May 4.7 0.4 -3.4 -2.6 -3.3 0.2 -0.6 -2.7 -4.0 -3.1 -2.0 4.6 -1.6 -0.9 Jun 2.0 0.7 -3.4 -0.2 -3.0 -0.9 Aug -3.4 -2.8 3.3 -2.1 -1.1 -3.9 0.6 -2.3 -0.6 Sep -6.0 4.2 -2.4 -3.9 1.0 -2.4 -1.7 2.8 -3.4 -1.7 Oct -6.20.4 0.4 -2.3 0.1 -0.8 -0.3 -5.0 1.3 Nov Dec -3.0 -1.8 -0.3 -1.4 -0.3 3.7 2023 Jan -1.0 T 0.1 T -1.0 T 0.9 3.3 T 0.2 T 1.6 1.2 Feb 1.8 1.4 -1.3 1.7 1.0 2.4 3.9 1.5 3.2 -0.9 0.6 Mar

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 $<sup>^\</sup>dagger$  indicates that data are new or have been revised. The period market is the earliest in the table to have been revised.



Next publication: 14th June 2023

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