

Statistical bulletin

Index of Production, UK: May 2023

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



Release date: 13 July 2023

Next release: 11 August 2023

Table of contents

- 1. Main points
- 2. Index of Production (IoP) data
- 3. Measuring the data
- 4. Related links
- 5. Cite this statistical bulletin

1. Main points

- Monthly production output is estimated to have fallen 0.6% in May 2023; this follows a fall of 0.2% (revised up from a fall of 0.3%) in April 2023.
- The monthly decrease in output in May 2023 resulted from a decline in three of the four production sectors, with electricity and gas being the main contributor to the monthly fall (2.0%) with smaller contributions from water supply and sewerage (1.7%) and manufacturing (0.2%); this was partially offset by mining and quarrying, which rose 0.3%.
- Monthly manufacturing output decreased by 0.2% and saw 8 of its 13 sub-sectors negatively contributing to
 growth during May 2023; most notably, manufacture of wood and paper products and printing (3.0%) and
 other manufacturing and repair (1.7%) both negatively contributed 0.13 percentage points each to the IoP
 May 2023 monthly fall; this was offset by the largest positive contribution of 0.24 percentage points, from
 manufacture of computer, electronic and optical products (4.8%).
- Monthly production output was 0.2% below 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 9.2%, 0.7% and 0.8%, respectively; in contrast, mining and quarrying was 22.9% below its February 2020 level.
- Looking at the longer-term profile, production output for the three months to May 2023 rose 0.4% compared with the three months to February 2023; growth came primarily from manufacturing (0.8%), partially offset by a fall in mining and quarrying (4.1%).
- An additional bank holiday was held for the coronation of King Charles III on 8 May 2023. While
 adjustments are made for regular calendar effects, there was no explicit adjustment for this ad-hoc event.
 The timing of the bank holiday impacts the number of trading days, which could affect Index of Production
 (IoP) monthly estimates.
- Further analysis of the effect on our monthly IoP estimate is available in our <u>Gross domestic product (GDP)</u> monthly estimate, UK: May 2023 bulletin, published 13 July 2023.

2. Index of Production (IoP) data

Index of Production time series

Dataset DIOP | Released 13 July 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 13 July 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 13 July 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 13 July 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 13 July 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 revision policy</u>, this release gives data for May 2023 for the first time with April 2023 also open for revision. Revisions to monthly data from January 2023 to March 2023 published in the <u>GDP</u> <u>quarterly national accounts</u>, <u>UK: January to March 202</u>3 published on 30 June 2023 are also included.

4. Related links

GDP monthly estimate, UK: May 2023

Bulletin | Released 13 July 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: May 2023

Bulletin | Released 13 July 2023

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

Producer price inflation, UK: May 2023

Bulletin | Released 21 June 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 29 June 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 13 July 2023, ONS website, statistical bulletin, Index of Production, UK: May 2023



Index of Production Release Tables

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



Enquiries

Output of the Production Industries, May 2023

Page 1	Output by Broad industry groups and Main industrial groupings Percentage change, latest year on previous year Percentage change, latest month on same month a year ago
Page 2	Percentage change, latest month on previous month Percentage change, latest 3 months on same 3 months a year ago
Page 3	Percentage change, latest 3 months on previous 3 months
Page 4	Output by Manufacturing sub-sectors part 1 Percentage change, latest year on previous year Percentage change, latest month on same month a year ago
Page 5	Output by Manufacturing sub-sectors part 2 Percentage change, latest year on previous year Percentage change, latest month on same month a year ago
Page 6	Percentage change, latest month on previous month part 1 Percentage change, latest 3 months on same 3 months a year ago
Page 7	Percentage change, latest month on previous month part 2 Percentage change, latest 3 months on same 3 months a year ago
Page 8	Percentage change, latest 3 months on previous 3 months part 1
Page 9	Percentage change, latest 3 months on previous 3 months part 2

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

			Broad indu	ustry groups				Maii	n industrial group	Seasonally adjust pings	ed 2019 = 100
	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
2018	97.7	97.9	98.9	87.7	100.3	98.8	100.8	96.3	104.3	95.9	92.8
2019 2020	100.0 101.3	100.0 96.8	100.0 100.1	100.0 109.1	100.0 104.8	100.0 96.5	100.0 96.0	100.0 103.8	100.0 95.9	100.0 103.1	100.0 102.1
2021 2022	108.6 105.6	85.5 87.2	109.8	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
2022	105.6	01.2	105.7	110.5	115.2	03.0	104.5	109.5	101.1	107.4	90.2
2022 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	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
Q3 Q4	104.4	86.6 84.5	104.8	108.0	114.6	81.1	103.5	111.6	101.2	103.4	95.2
2023 Q1	104.6 ^T	79.9	[†] 105.5 [†]	108.1	[†] 115.0 [†]	76.0 [†]	105.2 ^T	110.8	[†] 102.6 [†]	104.3 [†]	94.1
2022 Mar	107.1	90.5	107.3	110.5	116.3	85.6	105.6	108.5	102.0	110.9	100.4
Apr May	106.6 106.7	87.9 88.5	106.5 106.9	111.9 112.5	117.8 114.6	83.4 84.0	102.0 102.9	109.2 110.1	100.4 100.9	110.0 110.5	100.4 100.1
Jun	105.6	86.2	105.5	111.5	116.4	82.7	104.1	109.4	100.7	107.0	98.9
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	104.4	84.4	105.2	106.7	112.8	80.3	103.4	113.2	100.3	104.3	94.7
Nov Dec	104.4 104.6	86.7 82.3	104.6 104.7	106.7 110.7	115.1 115.9	83.9 79.2	104.4 102.7	110.4 111.3	101.2 102.1	103.3 102.6	95.1 95.9
2023 Jan	104.4 [†]	79.5	T 105.2 T	108.6	115.2 ^T	75.6 [†]	101.8 [†]	110.7	101.6 ^T	104.5 T	94.4
Feb	104.3	81.3	105.3	106.4	^T 113.8	77.1	105.8	110.0	^T 102.5	104.5	93.5
Mar Apr	105.1 104.9	78.9 77.0	106.1 105.9	109.2 110.0	116.1 115.7	75.4 72.8	107.9 104.2	111.6 109.4	103.7 105.1	103.8 104.1	94.4 94.1
May	104.3	77.2	105.6	107.8	113.8	73.3	106.7	109.6	105.1	103.2	93.2
Percentage cha	nge, latest year o	n previous ye	ar								
2018 2019	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
2020	1.2	-3.2	0.1	9.1	4.8	-3.5	-4.0	3.8	-4.1	3.1	2.1
2021 2022	7.3 -2.8	-11.7 2.1	9.7 -3.7	5.1 -3.6	7.8 2.0	-15.7 2.0	9.1 -0.2	5.0 0.5	12.5 -6.3	10.1 -5.4	-2.2 -1.6
Percentage cha	nge, latest month		nth a year ago								
2021 Mar	10.5	-4.2	13.0	7.7	6.7	-4.9	8.6	-0.7	24.8	14.9	0.9
Apr May	34.0 26.4	-23.4 -22.5	48.4 35.2	19.9 25.3	13.8 13.2	-32.1 -29.4	48.7 21.6	11.0 12.9	80.9 52.4	55.8 38.1	-0.9 3.8
Jun	11.5	-33.0	17.3	10.9	8.8	-40.6	21.2	4.2	23.9	18.5	-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
2022 Jan	-0.9	-4.0	-0.8	-4.6	5.1	-7.6	3.8	3.4	-4.7	-1.3	-2.8
Feb Mar	-1.5 -2.4	3.3 2.0	-2.0 -3.1	-5.3 -5.1	3.6 3.6	1.6 -1.0	-0.1 2.8	5.2 1.8	-7.5 -9.0	-3.9 -3.3	-1.3 -1.4
Apr	-2.0	19.4	-3.9	-6.7	6.0	22.8	1.0	2.9	-9.6	-5.6	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	-3.3	11.4	-4.9	-3.3	-0.9	14.6	-2.9	-0.8	-6.9	-6.1	0.3
Aug	-5.0	-13.7	-5.6	-0.1	0.4	-17.1	1.4	-2.7	-8.0	-5.9	-5.2
Sep Oct	-4.0 -2.6	-9.6 -6.3	-5.1 -3.3	1.5 3.8	2.6 -1.9	-12.0 -7.4	-2.1 -0.9	0.4 1.5	-8.0 -4.0	-6.1 -6.8	-3.8 -0.9
Nov Dec	-2.9 -2.7	-1.2 -3.9	-3.6 -3.5	-2.1 0.9	0.1 0.2	0.9 -2.5	-1.6 -2.3	-0.7 -4.4	-3.0 -0.6	-7.3 -5.8	-3.0 -1.8
2023 Jan Feb	-2.9 [†] -2.7	-11.8 -9.7	T -2.3 T -1.8	-5.2	-0.7 [†] -1.7	-11.1 [†] -10.2	-4.3 ¹ 0.7	3.1 0.4		[†] -7.0 -4.6 [†]	-6.3 ^T -7.1
Mar Apr	-1.9 -1.6	-12.8 -12.4	-1.1 -0.6	-1.2 -1.7	-0.2 -1.7	-11.9 -12.6	2.2	2.9 0.2	1.7 4.6	-6.4 -5.4	-6.0 -6.3
May	-2.3	-12.4	-1.2	-1.7 -4.2	-0.6	-12.6	3.7	-0.5	4.0	-6.6	-6.9
-											

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

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

			Broad ind	ustry groups			Seasonally adjusted 2019 = 100 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 mont	h on previous	month									
2021 Mar	0.8 -0.8	1.7 -17.0	1.2 0.1	-1.8 2.9	0.4 -1.0	2.3 -21.5	-2.4 -1.7	2.2 -0.4	1.1 -0.8	0.7 1.5	- -4.1	
Apr May	1.4	4.3	0.6	6.6	-	5.0	1.0	5.7	-3.6	0.1	6.2	
Jun	-1.6	-10.5	-0.7	-5.8	2.4	-14.3	4.8	-4.4	1.2	-0.7	-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 Oct	-1.0 -1.0	-3.5 -3.9	-0.5 -0.7	-1.8 -5.0	-1.7 3.3	-4.0 -4.5	0.2 -2.3	-1.1 2.5	-3.6	-0.6 -0.1	-1.5 -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	
		5.3	-0.8	2.1	0.7	4.6	1.2	-7.7	0.9		3.1	
Feb	-0.3	-0.1	-0.5	0.3	-0.2	1.1	-1.2	2.0	-1.1	3.1 -2.5	-0.1	
Mar Apr	-0.1 -0.4	0.5 -2.9	0.1 -0.7	-1.6 1.3	0.4 1.3	-0.3 -2.6	0.5 -3.4	-1.0 0.6	-0.5 -1.6	1.3 -0.8	-0.1 -	
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 Sep	-1.2 0.1	-8.2 1.1	-0.8	-0.7 -0.2	0.3 0.5	-10.7 1.9	3.3 -3.1	-1.8 2.1	-0.1 -0.1	-0.7 -0.8	-2.5 -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	-0.2 ^T -0.1	-3.3 2.3		^T -1.9	-0.7 ¹ -1.2			-0.6 -0.6	-0.4 [†] 0.9	1.8	-1.6 -0.9	
Feb Mar	8.0	-3.0	0.1 0.7	2.6	2.0	2.1 -2.2	4.0 2.0	1.4	1.2	-0.7	1.0	
Apr May	-0.2 -0.6	-2.4 0.3	-0.1 -0.2	0.7 -2.0	-0.3 -1.7	-3.4 0.6	-3.5 2.4	-2.0 0.2	1.3	0.3 -0.9	-0.3 -1.0	
Percentage cha	nge, latest 3 mo	nths on same	3 months a yea	r ago²								
2021 Mar	6.3	-7.0	7.1	9.4	6.9	-8.0	3.0	0.2	11.0	10.7	0.3	
Apr May	14.8 22.8	-13.6 -16.9	19.3 30.6	12.6 17.4	9.1 11.1	-17.7 -22.7	16.3 24.1	2.7 7.4	31.0 49.1	23.7 34.3	-0.5 1.3	
Jun	23.3	-26.4	32.4	18.5	11.9	-34.1	29.1	9.3	49.0	35.8	-1.0	
Jul Aug	14.0 7.1	-25.1 -17.2	19.6 10.4	12.3 3.1	10.1 7.5	-31.6 -22.1	17.3 11.6	6.0 2.7	28.0 14.7	20.7 10.5	-2.6 -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 Dec	-0.1 -1.5	-2.9 -7.2	-1.5	-4.7 -4.1	6.6 6.2	-5.5 -10.9	1.3 2.0	5.2 8.3	-2.3 -6.2	-2.1 -4.3	-3.7 -5.0	
2022 Jan	-1.5	-7.2	-1.8	-4.1	5.4	-10.9	3.1	7.5	-6.8	-4.3 -4.1	-3.9	
Feb	-1.6	-4.4	-1.7	-4.5	4.4	-7.9	3.5	7.0	-7.1	-3.8	-3.5	
Mar Apr	-1.6 -2.0	0.3 7.6	-2.0 -3.0	-5.0 -5.7	4.1 4.4	-2.5 6.7	2.2 1.2	3.5 3.3	-7.1 -8.7	-2.8 -4.3	-1.8	
May Jun	-2.6 -2.7	11.6 19.8	-3.7 -4.2	-8.0 -8.7	4.3 3.8	12.1 24.9	1.6 -0.2	0.9 1.0	-8.2 -7.6	-4.7 -6.2	-0.7 0.3	
Jul	-3.1	16.9	-4.5	-7.7	1.5	21.8	-1.5	-0.2	-6.6	-6.3	-0.5	
Aug Sep	-3.7 -4.1	5.4 -4.8	-5.0 -5.2	-3.7 -0.7	0.6 0.7	7.2 -6.1	-1.4 -1.2	-0.5 -1.1	-7.4 -7.7	-6.5 -6.0	-1.1 -2.9	
Oct Nov	-3.9 -3.2	-10.0 -5.8	-4.7 -4.0	1.7 1.0	0.3 0.3	-12.3 -6.3	-0.5 -1.5	-0.3 0.4	-6.7 -5.1	-6.2 -6.7	-3.4 -2.6	
Dec	-2.7	-3.8	-3.5	0.8	-0.5	-3.1	-1.6	-1.2	-2.6	-6.6	-1.9	
2023 Jan	-2.8	-5.7		T -1.4	-0.1	-4.3 ^T			-1.9 ^T	-6.7	-3.7	
Feb Mar	-2.8 -2.5 [†]	-8.6 -11.5	-2.5 -1.8	-2.5 -3.2	-0.9 ¹		-2.0 -0.5	-0.4 2.1	-0.1	-5.8 [†] -6.0	-5.1 -6.4	
Apr May	-2.1 -1.9	-11.7 -12.7	-1.2 -1.0	-2.7 -2.4	-1.2 -0.8	-11.6 -12.4	1.7 2.7	1.1 0.9	2.1 3.5	-5.5 -6.1	-6.4 -6.4	

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.

 $^{^\}dagger$ 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				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	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
Percentage c	change, latest 3 mo	nths on previ	ous 3 months ²								
2021 Mar	-	-4.9	-0.7	5.2		-6.6	0.3	0.5	-0.1	-1.4	0.3
Apr	-0.2	-11.7	-	4.0		-14.5	0.3	1.6	0.1	-0.6	-2.3
May	0.5	-14.0	1.2	4.2		-17.5	-0.2	4.2	-0.6	1.1	-2.1
Jun	0.3	-18.8	1.3	4.4	0.5	-23.9	-0.2	3.5	-1.5	1.9	-2.9
Jul	0.2	-8.9	0.4	2.2		-12.6	2.5	3.9	-3.4	0.3	-0.6
Aug	-0.6	3.6	-0.6	-5.2		2.9	5.1	0.6	-1.9	-1.6	-1.8
Sep	-0.4	24.4	-0.9	-9.5	0.9	30.8	3.7	0.9	-0.9	-3.0	0.8
Oct	-0.9	23.4	-1.2	-11.4	0.1	30.3	0.4	0.3	-0.5	-2.8	-0.6
Nov	-1.2	9.6	-1.3	-7.3		12.2	-1.2	1.4	-2.1	-2.1	-1.3
Dec	-1.4	-3.4	-1.3	-3.5	2.0	-4.2	-1.8	3.3	-3.8	-1.8	-3.2
2022 Jan	-0.8	-6.2	-1.2	2.8	2.1	-8.4	-0.1	1.5	-3.2	-1.1	-0.5
Feb	-0.3	-2.1	-1.1	4.4	1.8	-3.3	-0.2	0.7	-2.6	-1.3	1.7
Mar	-0.1	2.8	-1.1	4.1	0.7	2.2	0.5	-4.0	-1.1	0.2	3.6
Apr	-0.5	1.9	-1.1	1.3	0.9	2.2	-1.5	-2.3	-1.9	-0.7	1.7
May	-0.5	0.4	-0.8	0.3	0.3	0.4	-1.9	-1.7	-1.8	0.2	0.7
Jun	-0.9	-3.0	-1.0	0.3	0.2	-2.5	-2.5	1.0	-2.0	-1.6	-0.8
Jul	-1.0	-0.9	-1.1	-	-1.6	-0.2	-0.3	0.3	-1.2	-1.9	-1.1
Aug	-1.8	-2.1	-2.0	-0.7	-1.5	-1.6	2.0	-0.8	-1.1	-3.5	-2.1
Sep	-1.8	-1.1	-1.9	-1.5		-1.6	2.7	-1.2	-1.0	-2.9	-2.5
Oct	-1.6	-5.0	-1.3	-2.4	-1.1	-6.2	1.4	0.2	-0.6	-2.7	-3.5
Nov	-0.6	-2.1	-0.2	-2.8	-0.4	-1.9	-1.4	2.3	0.4	-2.2	-2.8
Dec	-	-2.4	0.5	-2.1	0.7	-1.1	-2.1	3.1	1.5	-2.5	-2.2
2023 Jan	0.3	-1.7		-0.3		_ T			1.8 [™]		-0.8
Feb	0.2 ^T		0.4	0.7		-5.0	-0.7	-0.2	1.7	-0.3 ^T	-0.9
Mar	0.1	-5.4	0.6		0.3 ^T		1.6	-0.8		0.9	-1.2
Apr	0.3	-4.5	0.9	-0.1	-0.2	-5.5	2.9	-0.4	2.1	0.6	-1.2
May	0.4	-4.1	8.0	0.4	0.2	-4.4	2.7	-0.5	2.5	-0.2	-0.7

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.

 $^{^\}dagger$ 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 Output of the Production Industries

	Food products, beverages and tobacco	Textiles, wearing apparel and leather products	Wood and paper products	Coke and refined petroleum	Chemicals and chemical	Basic pharmaceutica products and
Section	CA	CB	and printing	products	products	preparations
	110.8	25.5	48.0	14.2	44.3	49.0
Latest weight	K22B	K22P	K22T	K22X	K22Z	K239
2040	00.5	00.0				
2018 2019	98.5 100.0	92.9 100.0	95.0 100.0	73.6 100.0	87.7 100.0	92.8 100.0
2020	103.4	72.3	92.4	81.2	105.3	118.4
2021	108.7	78.8	101.0	79.6	109.3	122.9
2022	110.9	79.0	98.2	86.8	104.1	118.2
2022 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
2023 Q1	110.2	[†] 78.4 [†]	92.7	™ 83.0 T	98.7 [†]	123.5
2022 Mar	111.8	78.9	101.9	95.5	109.3	113.2
Apr May	111.6 112.5	80.6 78.7	99.7 99.5	95.5 96.5	107.8 108.3	113.2 116.1
Jun	111.0	77.0	96.8	89.2	101.9	117.5
Jul	110.8	78.7	99.6	80.2	101.6	114.1
Aug Sep	110.5 109.7	79.7 80.3	97.2 96.1	81.2 79.8	103.8 100.7	106.7 119.8
Oct	109.7	79.2	96.3	81.2	99.2	134.6
Nov	110.6	80.1	94.7	81.6	97.1	124.8
Dec	109.4	80.4	93.9	80.5	95.9	129.3
2023 Jan	110.3	80.3 [†] 78.0	93.5 92.8	^T 81.2 82.3	100.3 [†] 97.3	122.3 121.5
		70.0		85.4 [†]	98.5	126.8
Feb Mar	110.4 110.0	^T 76.8	917			
Mar Apr	110.0 109.0	74.9	91.7 92.5 89.7	82.3	98.2	122.2
Mar Apr May	110.0 109.0 110.0	74.9 76.3				122.2 121.3
Mar Apr May Percentage cha	110.0 109.0 110.0	74.9 76.3 n previous year	92.5 89.7	82.3 84.0	98.2 97.6	122.2 121.3
Mar Apr May Percentage cha	110.0 109.0 110.0 ange, latest year or	74.9 76.3 n previous year 4.3	92.5 89.7 3.9	82.3 84.0 -15.4	98.2 97.6	122.2 121.3 1.2
Mar Apr May Percentage cha 2018 2019	110.0 109.0 110.0	74.9 76.3 n previous year	92.5 89.7	82.3 84.0	98.2 97.6	122.2 121.3 1.2 1.2 7.8
Mar Apr May Percentage cha 2018 2019 2020 2021	110.0 109.0 110.0 ange, latest year or 13.4 1.5 3.3 5.2	74.9 76.3 n previous year 4.3 7.6 -27.7 8.9	92.5 89.7 3.9 5.3 -7.6 9.4	82.3 84.0 -15.4 35.8 -18.8 -2.0	98.2 97.6 8.9 14.1 5.3 3.7	122.2 121.3 1.2 7.8 18.4 3.8
Mar Apr May Percentage cha 2018 2019 2020 2021 2022	110.0 109.0 110.0 ange, latest year of 13.4 1.5 3.3 5.2 2.0	74.9 76.3 n previous year 4.3 7.6 -27.7 8.9 0.3	92.5 89.7 3.9 5.3 -7.6 9.4 -2.8	82.3 84.0 -15.4 35.8 -18.8	98.2 97.6 8.9 14.1 5.3	122.3 121.3 1.2 7.8 18.4 3.8
Mar Apr May Percentage cha 2018 2019 2020 2021 2022 Percentage cha	110.0 109.0 110.0	74.9 76.3 n previous year 4.3 7.6 -27.7 8.9 0.3 on same month a year	92.5 89.7 3.9 5.3 -7.6 9.4 -2.8	82.3 84.0 -15.4 35.8 -18.8 -2.0 9.0	98.2 97.6 8.9 14.1 5.3 3.7 -4.7	122.5 121.5 1.2 7.8 18.4 3.8 -3.8
Mar Apr May Percentage cha 2018 2019 2020 2021 2022 Percentage cha 2021 Mar	110.0 109.0 110.0 ange, latest year or 13.4 1.5 3.3 5.2 2.0 ange, latest month	74.9 76.3 n previous year 4.3 7.6 -27.7 8.9 0.3 on same month a ye	92.5 89.7 3.9 5.3 -7.6 9.4 -2.8	82.3 84.0 -15.4 35.8 -18.8 -2.0 9.0	98.2 97.6 8.9 14.1 5.3 3.7 -4.7	122.2 121.3 1.2 7.8 18.4 3.8 -3.8
Mar Apr May Percentage cha 1018 1019 1020 1021 1022 Percentage cha 1021 Mar Apr	110.0 109.0 110.0 ange, latest year or 13.4 1.5 3.3 5.2 2.0 ange, latest month	74.9 76.3 n previous year 4.3 7.6 -27.7 8.9 0.3 on same month a ye	92.5 89.7 3.9 5.3 -7.6 9.4 -2.8 ear ags	82.3 84.0 -15.4 35.8 -18.8 -2.0 9.0	98.2 97.6 8.9 14.1 5.3 3.7 -4.7	122 121 1 7 18 3 -3 -0 -15
Mar Apr May Percentage cha 2018 2019 2020 2021 2022 Percentage cha 2021 Mar	110.0 109.0 110.0 ange, latest year or 13.4 1.5 3.3 5.2 2.0 ange, latest month	74.9 76.3 n previous year 4.3 7.6 -27.7 8.9 0.3 on same month a ye	92.5 89.7 3.9 5.3 -7.6 9.4 -2.8	82.3 84.0 -15.4 35.8 -18.8 -2.0 9.0	98.2 97.6 8.9 14.1 5.3 3.7 -4.7	122.3 121.3 1.3 7.8 18.a 3.8 -3.8
Mar Apr May Percentage cha 2018 2019 2020 2021 2022 Percentage cha 2021 Mar Apr May Jun Jul	110.0 109.0 110.0	74.9 76.3 n previous year 4.3 7.6 -27.7 8.9 0.3 on same month a ye 6.1 134.0 58.1 14.9	92.5 89.7 3.9 5.3 -7.6 9.4 -2.8 ear ags 6.3 52.2 40.8 19.3	-15.4 35.8 -18.8 -2.0 9.0 -29.8 -1.9 17.2 28.9	98.2 97.6 8.9 14.1 5.3 3.7 -4.7 -0.2 12.3 8.0 12.0	122.: 121.: 1.: 7.: 18.: 3.: 3.: -3.: -0.: 3.: -9.:
Mar Apr May Percentage cha 2018 2019 2020 2021 2022 Percentage cha 2021 Apr May Jun Jul Aug	110.0 109.0 110.0 ange, latest year of 13.4 1.5 3.3 5.2 2.0 ange, latest month 0.2 18.1 14.7 9.7 3.6 3.5	74.9 76.3 n previous year 4.3 7.6 -27.7 8.9 0.3 on same month a year 6.1 134.0 58.1 14.9	92.5 89.7 3.9 5.3 -7.6 9.4 -2.8 bar ags 6.3 52.2 40.8 19.3	-15.4 35.8 -18.8 -2.0 9.0 -29.8 -1.9 17.2 28.9	98.2 97.6 8.9 14.1 5.3 3.7 -4.7 -0.2 12.3 8.0 12.0 6.5 3.1	122.: 121.: 1.: 7.4 18.: 3.3 -3.: -0.: -15.: 3.4 -9.:
Mar Apr May Percentage cha 2018 2020 2021 2021 2022 Percentage cha 2021 Mar Apr May Jun Jul Aug Sep	110.0 109.0 110.0 ange, latest year or 13.4 1.5 3.3 5.2 2.0 ange, latest month 0.2 18.1 14.7 9.7 3.6 3.5 2.3	74.9 76.3 n previous year 4.3 7.6 -27.7 8.9 0.3 on same month a ye 6.1 134.0 58.1 14.9 1.1 1.3 7.7	92.5 89.7 3.9 5.3 -7.6 9.4 -2.8 ear ags 6.3 52.2 40.8 19.3 7.2 4.8	-15.4 35.8 -18.8 -2.0 9.0 -29.8 -1.9 17.2 28.9 21.7 22.8	98.2 97.6 8.9 14.1 5.3 3.7 -4.7 -0.2 12.3 8.0 12.0 6.5 3.1 2.2	122.: 121.: 1.3 7.3 18. 3.3 -3.3 -9. -15.: 3.1 -9.
Mar Apr May Percentage cha 2018 2019 2020 2021 2022 Percentage cha 2021 Apr May Jun Jul Aug	110.0 109.0 110.0 ange, latest year of 13.4 1.5 3.3 5.2 2.0 ange, latest month 0.2 18.1 14.7 9.7 3.6 3.5	74.9 76.3 n previous year 4.3 7.6 -27.7 8.9 0.3 on same month a year 6.1 134.0 58.1 14.9	92.5 89.7 3.9 5.3 -7.6 9.4 -2.8 bar ags 6.3 52.2 40.8 19.3	-15.4 35.8 -18.8 -2.0 9.0 -29.8 -1.9 17.2 28.9	98.2 97.6 8.9 14.1 5.3 3.7 -4.7 -0.2 12.3 8.0 12.0 6.5 3.1	122.: 121.: 1.3. 7.4 18.: 3.3 -3.4 -15.: 3.4 -9.4 -3.1 0.1 12.:
Mar Apr May Percentage cha 2018 2019 2020 2021 2022 Percentage cha 2021 Mar Apr May Jun Jul Aug Sep Oct	110.0 109.0 110.0	74.9 76.3 n previous year 4.3 7.6 -27.7 8.9 0.3 on same month a ye 6.1 134.0 58.1 14.9 1.1 1.3 7.7 7.5	92.5 89.7 3.9 5.3 -7.6 9.4 -2.8 ear ags 6.3 52.2 40.8 19.3 7.2 4.8 4.7 2.7	-15.4 35.8 -18.8 -2.0 9.0 -29.8 -1.9 17.2 28.9 21.7 22.8	98.2 97.6 8.9 14.1 5.3 3.7 -4.7 -0.2 12.3 8.0 12.0 6.5 3.1 2.2,	122 121 1 7.4 18 3.4 -3.4 -0.4 -15 3.4 -9 -3.1 0.1 1.2 12
Mar Apr May Percentage change	110.0 109.0 110.0 ange, latest year of 13.4 1.5 3.3 5.2 2.0 ange, latest month 0.2 18.1 14.7 9.7 3.6 3.5 2.3 2.3 2.9 4.9 8.1	74.9 76.3 n previous year 4.3 7.6 -27.7 8.9 0.3 on same month a year 6.1 134.0 58.1 14.9 1.1 1.3 7.7 7.5 3.6 0.9	92.5 89.7 3.9 5.3 -7.6 9.4 -2.8 ear ags 6.3 52.2 40.8 19.3 7.2 4.8 4.7 2.7 -0.8 -0.4	-15.4 35.8 -18.8 -2.0 9.0 -29.8 -1.9 17.2 28.9 21.7 22.8 -3.9 9.0 12.7	98.2 97.6 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	122 121 1 7 18 3 -0 -15 3 -9 -3 0 12 12 27 -6
Mar Apr May Percentage cha 2018 2019 2021 2021 2021 2021 Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2022 2022 2022 2023 2024 2024 2026 2027 2028 2028 2028 2028 2028 2028 2028	110.0 109.0 110.0	74.9 76.3 n previous year 4.3 7.6 -27.7 8.9 0.3 on same month a ye 6.1 134.0 58.1 14.9 1.1 1.3 7.7 7.5 3.6 0.9 5.1 5.3	92.5 89.7 3.9 5.3 -7.6 9.4 -2.8 ear age 6.3 52.2 40.8 19.3 7.2 4.8 4.7 2.7 -0.8 -0.4	82.3 84.0 -15.4 35.8 -18.8 -2.0 9.0 -29.8 -1.9 17.2 28.9 21.7 22.9 9.0 12.7	98.2 97.6 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	122. 121. 1. 7. 18. 33. -015. 39. -3. 0. 1. 12. 12. 27.
Mar Apr May Percentage cha 1018 1019 1020 1021 1022 Percentage cha 1021 Mar Apr May Jun Jul Aug Sep Oct Nov Dec 1022 Jan Feb Mar	110.0 109.0 110.0	74.9 76.3 n previous year 4.3 7.6 -27.7 8.9 0.3 on same month a ye 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 89.7 3.9 5.3 -7.6 9.4 -2.8 ear age 6.3 52.2 40.8 19.3 7.2 4.8 4.7 2.7 -0.8 -0.4 0.8	82.3 84.0 -15.4 35.8 -18.8 -2.0 9.0 -29.8 -1.9 17.2 28.9 21.7 22.8 3.9 9.0 12.7 32.1 39.2 44.0	98.2 97.6 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	122 121 1 7 18 3 -9 -15 3 -9 -1 12 12 12 27 -6 -7
Mar Apr May Percentage cha 1018 1019 1020 1021 1022 Percentage cha 1021 Mar Apr May Jun Jul Aug Sep Oct Nov Dec 1022 1022 1022 1023 1024 1026 1027 1028 1028 1029 1029 1029 1029 1029 1029 1029 1029	110.0 109.0 110.0	74.9 76.3 n previous year 4.3 7.6 -27.7 8.9 0.3 on same month a ye 6.1 134.0 58.1 14.9 1.1 1.3 7.7 7.5 3.6 0.9 5.1 5.3	92.5 89.7 3.9 5.3 -7.6 9.4 -2.8 ear age 6.3 52.2 40.8 19.3 7.2 4.8 4.7 2.7 -0.8 -0.4	82.3 84.0 -15.4 35.8 -18.8 -2.0 9.0 -29.8 -1.9 17.2 28.9 21.7 22.9 9.0 12.7	98.2 97.6 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	122 121 1 7 18 3 -9 -15 3 -9 -3 1 12 12 27 -6 -7 4 -11
Mar Apr May Percentage cha 2018 2020 2021 2022 Percentage cha 2021 Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2022 2022 Jan Feb Mar Apr May Jun	110.0 109.0 110.0 109.0 110.0	74.9 76.3 n previous year 4.3 7.6 27.7 8.9 0.3 on same month a ye 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 89.7 3.9 5.3 -7.6 9.4 -2.8 ear age 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 84.0 -15.4 35.8 -18.8 -2.0 9.0 -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	98.2 97.6 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 -0.2 -8.4	122.: 121.: 1.1 7.3 18 3.3 -3.3 -15.: 3.3 -93.1 12.: 27.3 -6.: -0.2 -7.4 4.: -11.: 2
Mar Apr May Percentage cha 2018 2020 2021 Percentage cha 2021 Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2022 Jan Feb Mar Apr May Jun Jul	110.0 109.0 110.0 109.0 110.0	74.9 76.3 n previous year 4.3 7.6 -27.7 8.9 0.3 on same month a year 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 89.7 3.9 5.3 -7.6 9.4 -2.8 ear age 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 -3.8	82.3 84.0 -15.4 35.8 -18.8 -2.0 9.0 -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	98.2 97.6 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 -0.2 -8.4	122.: 121.: 1.: 7.4 18.: 3.3 -3.: -0.: -15.: 3.0 -1.: 12.: 27.: -6.: -0.: -7.1 4.1 -11.: 26.:
Mar Apr May Percentage cha 2018 2020 2021 2022 Percentage cha 2021 Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2022 Jan Feb Mar Apr May Jun	110.0 109.0 110.0 109.0 110.0	74.9 76.3 n previous year 4.3 7.6 27.7 8.9 0.3 on same month a ye 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 89.7 3.9 5.3 -7.6 9.4 -2.8 ear age 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 84.0 -15.4 35.8 -18.8 -2.0 9.0 -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	98.2 97.6 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 -0.2 -8.4	122.: 121.: 1.: 7.: 18.: 3.: 3.: -3.: -0.: -15.: 3.:
Mar Apr May Percentage cha 2018 2020 2021 Percentage cha 2021 Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2022 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Sep Oct	110.0 109.0 110.0 109.0 110.0	74.9 76.3 n previous year 4.3 7.6 -27.7 8.9 0.3 on same month a year 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	92.5 89.7 3.9 5.3 -7.6 9.4 -2.8 ear age 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 5.3.5 -3.5 -3.5 -3.8 -2.0 -2.2 5.4 -4.8	82.3 84.0 -15.4 35.8 -18.8 -2.0 9.0 -29.8 -1.9 17.2 28.9 21.7 22.8 -3.9 9.0 12.7 32.1 39.2 44.0 3.9 16.8 -0.8	98.2 97.6 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 3.3 -0.2 -8.4	122.: 121.: 1.: 7.3 18.: 3.3 -0.3 -15: 3.3 -9.: 1.: 12.: 227.9 -6.: -0.0,-7.4 -11.: 2.: -6.: -13.: 13.: 15.:
Mar Apr May Percentage cha 1018 1019 1020 1021 1022 Percentage cha 1021 Mar Apr May Jun Jul Aug Sep Oct Nov Dec 1022 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 1022 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov	110.0 109.0 110.0 109.0 110.0	74.9 76.3 n previous year 4.3 7.6 -27.7 8.9 0.3 on same month a ye 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	92.5 89.7 3.9 5.3 -7.6 9.4 -2.8 6.3 52.2 40.8 19.3 7.2 4.8 4.7 2.7 -0.8 -0.4 0.9 -3.5 -3.5 -3.5 -3.8 -2.0 -2.2 -5.4 4.8 4.7	82.3 84.0 -15.4 35.8 -18.8 -2.0 9.0 -29.8 -1.9 17.2 28.9 21.7 22.8.9 21.7 22.8 -3.9 9.0 12.7 32.1 39.2 44.0 32.2 16.8 -0.8	98.2 97.6 8.9 14.1 5.3 3.7 -4.7 -0.2 12.3 8.0 12.0 6.5 3.1 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	122 121 1 7 18 3 -9 -15 3 -9 -3 0 1 12 27 -6 -0 -7 4 -11 2 -6 -13 -6 -13 -6
Mar Apr May Percentage cha 2018 2020 2021 Percentage cha 2021 Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2022 Jan Feb Mar Apr May Jun Jul Aug Sep Oct	110.0 109.0 110.0 109.0 110.0	74.9 76.3 n previous year 4.3 7.6 -27.7 8.9 0.3 on same month a year 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 89.7 3.9 5.3 -7.6 9.4 -2.8 ear age 6.3 52.2 40.8 19.3 7.2 4.8 4.7 2.7 -0.8 -0.4 0.9 3.5 -3.5 -3.5 -3.5 -3.5 -3.6 -2.0 -2.2 5.4 4.8 -2.8	82.3 84.0 -15.4 35.8 -18.8 -2.0 9.0 -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	98.2 97.6 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 -0.2 -8.4 -7.1 -4.6 -6.7 -10.2 -12.6 -14.2	122. 121. 1. 7. 18. 33. -0. -15. 39. -3. 0. 1. 12. 12. 227. -6. -0. -7. 4. -11. 2. -6. -13. 1. 5. -0.
Mar Apr May Percentage cha 2018 2019 2020 2021 2021 2021 2021 Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2022 2022 2022 2024 2024 2026 2028 2028 2029 2020 2020 2020 2020 2020	110.0 109.0 110.0 109.0 110.0	74.9 76.3 n previous year 4.3 7.6 -27.7 8.9 0.3 on same month a ye 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 -0.4 -0.4 -0.4 -0.4	92.5 89.7 3.9 5.3 -7.6 9.4 -2.8 6.3 52.2 40.8 19.3 7.2 4.8 4.7 2.7 -0.8 -0.4 0.9 -3.5 -3.5 -3.5 -3.5 -3.8 -2.2 -2.2 -5.4 4.8 4.7 7.6 -7.6 6.3 -7.6 -7.6 -7.6 6.3 -7.6 -7.6 -7.6 -7.6 -7.6 -7.6 -7.6 -7.6	82.3 84.0 -15.4 35.8 -18.8 -2.0 9.0 -29.8 -1.9 17.2 28.9 21.7 22.8.9 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	98.2 97.6 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 -0.2 -8.4 -7.1 -4.6 -6.7 -10.2 -12.6 -14.2	122 121 1 7 18 3 -9 -3 0 1 12 27 -6 -0 -7 4 -11 2 -6 -13 1 1 -1 1 -1 1
Mar Apr May 2018 2018 2019 2020 2021 2021 2021 2021 2021 2021	110.0 109.0 110.0 109.0 110.0	74.9 76.3 n previous year 4.3 7.6 -27.7 8.9 0.3 on same month a ye 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 1.1 0.6 2.4	92.5 89.7 3.9 5.3 -7.6 9.4 -2.8 9ar age 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 -3.5 -3.6 -2.0 -2.2 -2.2 -5.4 4.8 -6.2 -6.2 -6.2 -6.2 -6.2 -6.2 -6.2 -6.2	82.3 84.0 -15.4 35.8 -18.8 -2.0 9.0 -29.8 -1.9 17.2 28.9 21.7 22.8.9 21.7 22.8.9 21.7 22.8.9 -1.9 3.9 9.0 12.7 32.1 39.2 44.0 32.2 16.8 -0.8 -1.9 -1.9 -1.9 -1.9 -1.9 -1.9 -1.9 -1.9	98.2 97.6 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 -0.2 -8.4 -7.1 -4.6 -6.7 -10.2 -12.6 -14.2	122. 121. 1. 7. 18. 33. -0. -15. 39. -3. 0. 1. 12. 12. 27. -6. -0. -7. -4. -11. 2. -6. -13. 1. 5. -0.
Mar Apr May Percentage cha 2018 2019 2020 2021 2021 2021 2021 Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2022 2022 2022 2024 2024 2026 2028 2028 2029 2020 2020 2020 2020 2020	110.0 109.0 110.0 109.0 110.0	74.9 76.3 n previous year 4.3 7.6 -27.7 8.9 0.3 on same month a ye 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 1.1 0.6 2.4	92.5 89.7 3.9 5.3 -7.6 9.4 -2.8 6.3 52.2 40.8 19.3 7.2 4.8 4.7 2.7 -0.8 -0.4 0.9 -3.5 -3.5 -3.5 -3.5 -3.8 -2.2 -2.2 -5.4 4.8 4.7 7.6 -7.6 6.3 -7.6 -7.6 -7.6 6.3 -7.6 -7.6 -7.6 -7.6 -7.6 -7.6 -7.6 -7.6	82.3 84.0 -15.4 35.8 -18.8 -2.0 9.0 -29.8 -1.9 17.2 28.9 21.7 22.8.9 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	98.2 97.6 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 -0.2 -8.4 -7.1 -4.6 -6.7 -10.2 -12.6 -14.2	122 121 1 7 18 3015 393 0 1 12 277607 411 2613 1 5010

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.

IDP 5 Output of the Production Industries Chained volume indices of gross value added¹

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

continued							
	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	Other manufacturing and repai
Section	CG	CH	CI	CJ	CK	CL	CM
atest weight	52.8 K23B	81.3 K23G	50.5 K23N	18.0 K23P	54.6 K23R	108.3 K23T	67.4 K232
2018 2019	97.5 100.0	102.8 100.0	101.3 100.0	91.7 100.0	109.7 100.0	103.6 100.0	102. 100.
2020	97.1	107.5	97.1	125.8	99.1	91.9	98.
2021	111.7	117.9	101.6	140.6	126.9	99.0	114.
1022	108.6	110.1	100.3	124.9	113.9	91.1	114.
2022 Q1 Q2	109.0 114.0	113.3 111.5	100.3 97.6	129.6 124.4	118.1 114.4	92.7 91.9	115.
Q2 Q3	107.2	108.8	101.7	123.7	111.6	88.3	113. 114.
Q4	104.0	106.8	101.4	122.0	111.3	91.6	114.
2023 Q1	106.6	111.1	^T 104.7	121.1 [†]	111.2 [†]	92.3	^T 116.
2022 Mar	109.9	113.2	99.5	130.9	114.6	93.3	116.
Apr	113.8	113.1	96.5	125.4	112.6	93.6	112.3
May Jun	116.6 111.7	111.4 109.9	97.3 99.1	123.5 124.4	115.9 114.8	91.4 90.7	113. 114.
Jul	109.4	110.1	100.3	122.5	113.0	89.1	114.
Aug Sep	107.7 104.6	108.1 108.3	103.6 101.3	124.9 123.7	111.4 110.5	87.6 88.3	115. 113.
Oct	104.7	107.0	100.3	123.2	110.1	90.6	114.
Nov	103.1	107.2	101.6	122.0	110.9	92.0	114.
Dec	104.3	106.3	102.3	120.8	113.0	92.2	114.
	100 F T	110.1	101.2 ^T	125.6 ^T	111.2 ^T	91.3	^T 115. 117.
	106.5 1		4047				
Feb	107.8	110.6	104.7 108.1	117.9 119.9	111.4 110.9	92.3 93.3	
				117.9 119.9 124.9 121.1	111.4 110.9 111.5 109.7	92.3 93.3 96.5 96.1	116.7 119.4 117.4
Mar Apr May	107.8 105.5 104.9 103.6	110.6 112.6 111.8 112.0	^T 108.1 103.4	119.9 124.9	110.9 111.5	93.3 96.5	116.7 119.4
Feb Mar Apr May	107.8 105.5 104.9 103.6 hange, latest year o	110.6 112.6 111.8 112.0 n previous year	108.1 103.4 108.4	119.9 124.9 121.1	110.9 111.5 109.7	93.3 96.5 96.1	116. 119. 117.
Feb Mar Apr May	107.8 105.5 104.9 103.6	110.6 112.6 111.8 112.0	^T 108.1 103.4	119.9 124.9	110.9 111.5	93.3 96.5	116. 119. 117.
Feb Mar Apr May Percentage con 2018 2019 2020	107.8 105.5 104.9 103.6 :hange, latest year o 4.8 2.5 -2.9	110.6 112.6 111.8 112.0 n previous year 1.1 -2.7 7.5	1 108.1 103.4 108.4 1.7 -1.2 -2.9	119.9 124.9 121.1 1.7 9.1 25.7	110.9 111.5 109.7 10.5 -8.9 -0.9	93.3 96.5 96.1 -2.1 -3.5 -8.1	116. 119. 117. 4.1 -2. -1.
Feb Mar Apr May Percentage con 1018 1019 1020 1021	107.8 105.5 104.9 103.6 change, latest year o	110.6 112.6 111.8 112.0 n previous year 1.1 -2.7	108.1 103.4 108.4 1.7 -1.2	119.9 124.9 121.1 1.7 9.1	110.9 111.5 109.7 10.5 -8.9	93.3 96.5 96.1 -2.1 -3.5	116.: 119.4 117.4 4.0 -2.4 -1.1 15.:
Feb Mar Apr May Percentage c 2018 2019 2020 2021	107.8 105.5 104.9 103.6 change, latest year o 4.8 2.5 -2.9 15.0	110.6 112.6 111.8 112.0 n previous year 1.1 -2.7 7.5 9.6 -6.6	108.1 103.4 108.4 1.7 -1.2 -2.9 4.5 -1.2	119.9 124.9 121.1 1.7 9.1 25.7 11.8	110.9 111.5 109.7 10.5 -8.9 -0.9 28.1	93.3 96.5 96.1 -2.1 -3.5 -8.1 7.8	116.: 119.4 117.4 4.0 -2.4 -1.1 15.:
Feb Mar Apr May Percentage c 2018 2019 2020 2021	107.8 105.5 104.9 103.6 change, latest year o 4.8 2.5 -2.9 15.0 -2.8	110.6 112.6 111.8 112.0 n previous year 1.1 -2.7 7.5 9.6 -6.6	108.1 103.4 108.4 1.7 -1.2 -2.9 4.5 -1.2	119.9 124.9 121.1 1.7 9.1 25.7 11.8	110.9 111.5 109.7 10.5 -8.9 -0.9 28.1	93.3 96.5 96.1 -2.1 -3.5 -8.1 7.8	116.1 119.4
Feb Mar Apr May Percentage control of the second of the s	107.8 105.5 104.9 103.6 change, latest year o 4.8 2.5 -2.9 15.0 -2.8 change, latest month	110.6 112.6 111.8 112.0 n previous year 1.1 -2.7 7.5 9.6 -6.6 on same month	108.1 103.4 108.4 108.4 1.7 -1.2 -2.9 4.5 -1.2 a year ags	119.9 124.9 121.1 1.7 9.1 25.7 11.8 -11.2	110.9 111.5 109.7 10.5 -8.9 -0.9 28.1 -10.3	93.3 96.5 96.1 -2.1 -3.5 -8.1 7.8 -8.0	116. 119. 117. 4. -2. -1. 15. 0.
Feb Mar Apr May Percentage control of the control	107.8 105.5 104.9 103.6 change, latest year o 4.8 2.5 -2.9 15.0 -2.8 change, latest month 23.5 111.7 53.2	110.6 112.6 111.8 112.0 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 a year agc	119.9 124.9 121.1 1.7 9.1 25.7 11.8 -11.2 27.3 58.7 53.1	110.9 111.5 109.7 10.5 -8.9 -0.9 28.1 -10.3	93.3 96.5 96.1 -2.1 -3.5 -8.1 7.8 -8.0 26.2 138.7 93.3	116. 119. 117. 4. -2. -1. 15. 0.
Feb Mar Apr May Percentage control of the control	107.8 105.5 104.9 103.6 change, latest year o 4.8 2.5 -2.9 15.0 -2.8 change, latest month 23.5 111.7 53.2 21.0	110.6 112.6 111.8 112.0 n previous year 1.1 -2.7 7.5 9.6 -6.6 on same month 17.9 53.2 39.7 18.2	108.1 103.4 108.4 108.4 1.7 -1.2 -2.9 4.5 -1.2 a year ags	119.9 124.9 121.1 1.7 9.1 25.7 11.8 -11.2 27.3 58.7 53.1 24.4	110.9 111.5 109.7 10.5 -8.9 -0.9 28.1 -10.3 52.4 148.3 83.8 31.4	93.3 96.5 96.1 -2.1 -3.5 -8.1 7.8 -8.0 26.2 138.7 93.3 31.1	116. 119. 117. 4. -2. -1. 15. 0.
Feb Mar Apr May Percentage control of the second s	107.8 105.5 104.9 103.6 change, latest year o 4.8 2.5 -2.9 15.0 -2.8 change, latest month 23.5 111.7 53.2 21.0	110.6 112.6 111.8 112.0 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 agc	119.9 124.9 121.1 1.7 9.1 25.7 11.8 -11.2 27.3 58.7 53.1 24.4 9.3	110.9 111.5 109.7 10.5 -8.9 -0.9 28.1 -10.3 52.4 148.3 83.8 31.4 26.0	93.3 96.5 96.1 -2.1 -3.5 -8.1 7.8 -8.0 26.2 138.7 93.3 31.1	116. 119. 117. 4. -2. -1. 15. 0. 13. 50. 40. 30.
Feb Mar Apr May Percentage c 2018 2019 2020 2021 2022 2021 Mar Apr May Jun Jul Aug	107.8 105.5 104.9 103.6 change, latest year o 4.8 2.5 -2.9 15.0 -2.8 change, latest month 23.5 111.7 53.2 21.0	110.6 112.6 111.8 112.0 n previous year 1.1 -2.7 7.5 9.6 -6.6 on same month 17.9 53.2 39.7 18.2	108.1 103.4 108.4 108.4 1.7 -1.2 -2.9 4.5 -1.2 a year ags	119.9 124.9 121.1 1.7 9.1 25.7 11.8 -11.2 27.3 58.7 53.1 24.4	110.9 111.5 109.7 10.5 -8.9 -0.9 28.1 -10.3 52.4 148.3 83.8 31.4	93.3 96.5 96.1 -2.1 -3.5 -8.1 7.8 -8.0 26.2 138.7 93.3 31.1	116. 119. 117. 4. -2. -1. 15. 0. 13. 50. 40. 30.
Feb Mar Apr May Percentage control of the second of the s	107.8 105.5 104.9 103.6 change, latest year o 4.8 2.5 -2.9 15.0 -2.8 change, latest month 23.5 111.7 53.2 21.0 10.2 5.4 4.6 6.2.3	110.6 112.6 111.8 112.0 In previous year 1.1 -2.7 7.5 9.6 -6.6 on same month 17.9 53.2 39.7 18.2 10.3 6.7 -1.3 -4.7	108.1 103.4 108.4 108.4 1.7 -1.2 -2.9 4.5 -1.2 a year ags 6.7 27.6 7.9 10.2 4.3 -9 9-1.9	119.9 124.9 121.1 1.7 9.1 25.7 11.8 -11.2 27.3 58.7 53.1 24.4 9.3 -3.1 -7.4 -9.9	110.9 111.5 109.7 10.5 -8.9 -0.9 28.1 -10.3 52.4 148.3 83.8 31.4 26.0 26.8 23.5 5.3	93.3 96.5 96.1 -2.1 -3.5 -8.1 7.8 -8.0 26.2 138.7 93.3 31.1 10.5 0.5 -10.4 -12.6	116. 119. 117. 4. -2. -1. 15. 0. 13. 50. 40. 30.
Feb Mar Apr May Percentage con 118 1019 1020 1021 1022 1021 1022 1021 Mar Apr May Jun Jul Aug Sep Oct Nov	107.8 105.5 104.9 103.6 change, latest year o 4.8 2.5 -2.9 15.0 -2.8 change, latest month 23.5 111.7 53.2 21.0 10.2 5.4 4.6 2.3 0.9	110.6 112.6 111.8 112.0 n previous year 1.1 -2.7 7.5 9.6 -6.6 on same month 17.9 53.2 39.7 18.2 10.3 6.7 -1.3 4.7 -7.6	108.1 103.4 108.4 108.4 1.7 -1.2 -2.9 4.5 -1.2 a year agc 6.7 27.6 7.9 10.2 4.3 - 0.9 -1.9 -3.4	119.9 124.9 121.1 1.7 9.1 25.7 11.8 -11.2 27.3 58.7 53.1 24.4 9.3 -3.1 -7.4 -9.9 -15.0	110.9 111.5 109.7 10.5 -8.9 -0.9 28.1 -10.3 52.4 148.3 83.8 31.4 26.0 26.8 23.5 5.3 -0.3	93.3 96.5 96.1 -2.1 -3.5 -8.1 7.8 -8.0 26.2 138.7 93.3 31.1 10.5 0.5 -10.4 -12.6 -18.6	116. 119. 117. 4. -2. -1. 15. 0. 13. 50. 40. 30. 18. 11. 11. 9.
Feb Mar Apr May Percentage control of the second of the s	107.8 105.5 104.9 103.6 change, latest year o 4.8 2.5 -2.9 15.0 -2.8 change, latest month 23.5 111.7 53.2 21.0 10.2 5.4 4.6 2.3 0.9 -3.0	110.6 112.6 111.8 112.0 In previous year 1.1 -2.7 7.5 9.6 -6.6 on same month 17.9 53.2 39.7 18.2 10.3 6.7 -1.3 -4.7 -7.6 -11.7	108.1 103.4 108.4 108.4 1.7 -1.2 -2.9 4.5 -1.2 a year ags 6.7 27.6 7.9 10.2 4.3 -9 -1.9 -3.4 7.0	119.9 124.9 121.1 1.7 9.1 25.7 11.8 -11.2 27.3 58.7 53.1 24.4 9.3 -3.1 -7.4 -9.9 -15.0	110.9 111.5 109.7 10.5 -8.9 -0.9 28.1 -10.3 52.4 148.3 83.8 31.4 26.0 26.8 23.5 5.3 -0.3 -11.8	93.3 96.5 96.1 -2.1 -3.5 -8.1 7.8 -8.0 26.2 138.7 93.3 31.1 10.5 0.5 -10.4 -12.6 -18.6 -19.7	116. 119. 117. 4. -22. -1. 15. 0. 13. 50. 40. 30. 18. 11. 11. 19. 6.
Feb Mar Apr May Percentage c 2018 2021 2022 2021 Mar Apr May Jun Jul Aug Sep Oct Nov	107.8 105.5 104.9 103.6 change, latest year o 4.8 2.5 -2.9 15.0 -2.8 change, latest month 23.5 111.7 53.2 21.0 10.2 5.4 4.6 2.3 0.9	110.6 112.6 111.8 112.0 n previous year 1.1 -2.7 7.5 9.6 -6.6 on same month 17.9 53.2 39.7 18.2 10.3 6.7 -1.3 4.7 -7.6	108.1 103.4 108.4 108.4 1.7 -1.2 -2.9 4.5 -1.2 a year agc 6.7 27.6 7.9 10.2 4.3 - 0.9 -1.9 -3.4	119.9 124.9 121.1 1.7 9.1 25.7 11.8 -11.2 27.3 58.7 53.1 24.4 9.3 -3.1 -7.4 -9.9 -15.0	110.9 111.5 109.7 10.5 -8.9 -0.9 28.1 -10.3 52.4 148.3 83.8 31.4 26.0 26.8 23.5 5.3 -0.3	93.3 96.5 96.1 -2.1 -3.5 -8.1 7.8 -8.0 26.2 138.7 93.3 31.1 10.5 0.5 -10.4 -12.6 -18.6	116. 119. 117. 4.1 -2.2 -1.1 15. 0.3 13.1 50. 40. 30. 18.1 11. 11. 11. 12. 6. 3.
Feb Mar Apr May Percentage control of the second of the s	107.8 105.5 104.9 103.6 change, latest year o 4.8 2.5 -2.9 15.0 -2.8 change, latest month 23.5 111.7 53.2 21.0 10.2 5.4 4.6 2.3 0.9 -3.0	110.6 112.6 111.8 112.0 n previous year 1.1 -2.7 7.5 9.6 -6.6 on same month 17.9 53.2 39.7 18.2 10.3 6.7 -1.3 -4.7 -7.6 -11.7	108.1 103.4 108.4 108.4 108.4 1.7 -1.2 -2.9 4.5 -1.2 a year ags 6.7 27.6 7.9 10.2 4.3 9 -1.9 -3.4 7.0	119.9 124.9 121.1 1.7 9.1 25.7 11.8 -11.2 27.3 58.7 53.1 24.4 9.3 -3.1 -7.4 -9.9 -15.0 -1.4	110.9 111.5 109.7 10.5 -8.9 -0.9 28.1 -10.3 52.4 148.3 83.8 31.4 26.0 26.8 23.5 5.3 -0.3 -11.8	93.3 96.5 96.1 -2.1 -3.5 -8.1 7.8 -8.0 26.2 138.7 93.3 31.1 10.5 0.5 -10.4 -12.6 -18.6 -19.7 -11.7 -12.8 -12.8	116. 119. 117. 4. -2. -1. 15. 0. 40. 30. 18. 11. 11. 9. 6. 3.
Feb Mar Apr May Percentage control of the market of the ma	107.8 105.5 104.9 103.6 change, latest year o 4.8 2.5 -2.9 15.0 -2.8 change, latest month 23.5 111.7 53.2 21.0 10.2 5.4 4.6 6 2.3 0.9 -3.0 -0.1 -3.1 -5.5 -2.3	110.6 112.6 111.8 112.0 n previous year 1.1 -2.7 7.5 9.6 6.6 on same month 17.9 53.2 39.7 18.2 10.3 6.7 -1.3 4.7 -7.6 -11.7	1.7 1.2 -2.9 4.5 -1.2 a year ags 6.7 27.6 7.9 10.2 4.3 - 0.9 -1.9 -3.4 7.0	119.9 124.9 121.1 1.7 9.1 25.7 11.8 -11.2 27.3 58.7 53.1 24.4 9.3 -3.1 -7.4 -9.9 -15.0 -1.4	110.9 111.5 109.7 10.5 -8.9 -0.9 28.1 -10.3 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	93.3 96.5 96.1 -2.1 -3.5 -8.1 7.8 -8.0 26.2 138.7 93.3 31.1 10.5 0.5 -10.4 -12.6 -18.6 -19.7	116. 119. 117. 4. -2. -1. 15. 0. 30. 40. 30. 18. 11. 11. 9. 6. 3.
Feb Mar Apr May Percentage control of the second of the s	107.8 105.5 104.9 103.6 change, latest year o 4.8 2.5 -2.9 15.0 -2.8 change, latest month 23.5 111.7 53.2 21.0 10.2 5.4 4.6 2.3 0.9 -3.0	110.6 112.6 111.8 112.0 n previous year 1.1 -2.7 7.5 9.6 -6.6 on same month 17.9 53.2 39.7 18.2 10.3 6.7 -1.3 -4.7 -7.6 -11.7	108.1 103.4 108.4 108.4 108.4 1.7 -1.2 -2.9 4.5 -1.2 a year ags 6.7 27.6 7.9 10.2 4.3 9 -1.9 -3.4 7.0	119.9 124.9 121.1 1.7 9.1 25.7 11.8 -11.2 27.3 58.7 53.1 24.4 9.3 -3.1 -7.4 -9.9 -15.0 -1.4	110.9 111.5 109.7 10.5 -8.9 -0.9 28.1 -10.3 52.4 148.3 83.8 31.4 26.0 26.8 23.5 5.3 -0.3 -11.8	93.3 96.5 96.1 -2.1 -3.5 -8.1 7.8 -8.0 26.2 138.7 93.3 31.1 10.5 0.5 -10.4 -12.6 -18.6 -19.7 -11.7 -12.8 -12.8	116. 119. 117. 4. -2. -1. 15. 0. 40. 30. 18. 11. 11. 9. 6. 3. 2. 4. 3. 0. 0.
Feb Mar Apr May Percentage c 2018 2019 2020 2021 2021 2021 2021 2021 2022 Percentage c 2021 Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2022 Jan Feb Mar Apr May Jun Jul	107.8 105.5 104.9 103.6 thange, latest year o 4.8 2.5 -2.9 15.0 -2.8 thange, latest month 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	110.6 112.6 111.8 112.0 n previous year 1.1 -2.7 7.5 9.6 -6.6 on same month 17.9 53.2 39.7 18.2 10.3 6.7 -1.3 -4.7 -7.6 -11.7	108.1 103.4 108.4 108.4 1.7 -1.2 -2.9 4.5 -1.2 a year agc 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	119.9 124.9 121.1 1.7 9.1 25.7 11.8 -11.2 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	110.9 111.5 109.7 10.5 -8.9 -0.9 28.1 -10.3 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	93.3 96.5 96.1 -2.1 -3.5 -8.1 7.8 -8.0 -26.2 138.7 93.3 31.1 10.5 -10.4 -12.6 -18.6 -19.7 -11.7 -12.8 -12.0 -6.8	116. 119. 117. 4. -2. -1. 15. 0. 30. 30. 30. 2. 4. 3. 0. 0.
Feb Mar Apr May Percentage control of the second of the se	107.8 105.5 104.9 103.6 change, latest year o 4.8 2.5 -2.9 15.0 -2.8 change, latest month 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	110.6 112.6 111.8 112.0 n previous year 1.1 -2.7 7.5 9.6 -6.6 on same month 17.9 53.2 39.7 18.2 10.3 6.7 -1.3 -4.7 -7.6 -11.7 -5.9 -6.5 -6.6 -10.0 -9.3	1 108.1 103.4 108.	119.9 124.9 121.1 1.7 9.1 25.7 11.8 -11.2 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	110.9 111.5 109.7 10.5 -8.9 -0.9 28.1 -10.3 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	93.3 96.5 96.1 -2.1 -3.5 -8.1 7.8 -8.0 26.2 138.7 93.3 31.1 10.5 -10.4 -12.6 -18.6 -19.7 -11.7 -12.8 -12.0 -10.4 -2.0 -6.8	116. 119. 117. 4. -2. -1.: 15. 0. 40. 30. 18. 11. 11. 9. 6. 3. 0. 0. 0. -2. -4.
Feb Mar Apr May Dercentage of 2018 2021 2022 2021 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 Aug Sep Oct Sep Sep Sep Sep Sep	107.8 105.5 104.9 103.6 thange, latest year o 4.8 2.5 -2.9 15.0 -2.8 thange, latest month 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	110.6 112.6 111.8 112.0 n previous year 1.1 -2.7 7.5 9.6 -6.6 on same month 17.9 53.2 39.7 18.2 10.3 6.7 -1.3 4.7 -7.6 -11.7 -5.9 -6.5 -6.6 -10.0 -9.3	108.1 103.4 108.4 108.4 1.7 -1.2 -2.9 4.5 -1.2 a year ags 6.7 27.6 7.9 10.2 4.3 -9 -1.9 -3.4 7.0 1.9 -6.3 -2.0 -2.9 -2.9 -2.9 -2.9	119.9 124.9 121.1 1.7 9.1 25.7 11.8 -11.2 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	110.9 111.5 109.7 10.5 -8.9 -0.9 28.1 -10.3 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	93.3 96.5 96.1 -2.1 -3.5 -8.1 7.8 -8.0 -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 -10.4 -2.0 -6.8	116. 119. 117. 44. -22. -1. 15. 0. 40. 30. 18. 11. 11. 11. 9. 6. 3. 2. 4. 3. 0. 0. 0.
Feb Mar Apr May Percentage control of the second of the se	107.8 105.5 104.9 103.6 change, latest year o 4.8 2.5 -2.9 15.0 -2.8 change, latest month 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	110.6 112.6 111.8 112.0 n previous year 1.1 -2.7 7.5 9.6 -6.6 on same month 17.9 53.2 39.7 18.2 10.3 6.7 -1.3 -4.7 -7.6 -11.7 -5.9 -6.5 -6.6 -10.0 -9.3	1 108.1 103.4 108.	119.9 124.9 121.1 1.7 9.1 25.7 11.8 -11.2 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	110.9 111.5 109.7 10.5 -8.9 -0.9 28.1 -10.3 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 -15.9 -15.9 -15.9 -16.7 -5.7 -6.8	93.3 96.5 96.1 -2.1 -3.5 -8.1 7.8 -8.0 26.2 138.7 93.3 31.1 10.5 -10.4 -12.6 -18.6 -19.7 -11.7 -12.8 -12.0 -10.4 -2.0 -6.8	116. 119. 117. 4. -2. -1. 15. 0. 30. 30. 30. 2. 4. 3. 0. -2. -1. -0.
Feb Mar Apr May Percentage c 2018 2019 2020 2021 2021 2022 Percentage c 2021 Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2022 Jan Feb Mar Apr May Jun Jul Aug Sep Oct May Jun Jul Aug Sep Oct Sep	107.8 105.5 104.9 103.6 thange, latest year o 4.8 2.5 -2.9 15.0 -2.8 thange, latest month 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	110.6 112.6 111.8 1112.0 n previous year 1.1 -2.7 7.5 9.6 -6.6 on same month 17.9 53.2 39.7 18.2 10.3 6.7 -1.3 -4.7 7.6 -11.7 -5.9 -6.5 -6.6 -10.0 -9.3 -6.7 -8.0 -6.0 -6.0	108.1 103.4 108.4 108.4 1.7 -1.2 -2.9 4.5 -1.2 a year agc 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	119.9 124.9 121.1 1.7 9.1 25.7 11.8 -11.2 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	110.9 111.5 109.7 10.5 -8.9 -0.9 28.1 -10.3 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 -13.6 -11.4 -13.9 -16.7 -5.7	93.3 96.5 96.1 -2.1 -3.5 -8.1 7.8 -8.0 -10.5 -10.4 -12.6 -18.6 -19.7 -11.7 -12.8 -12.0 -10.4 -2.0 -6.8 -8.0 -11.2 -9.1 -6.1	116. 119. 117. 4. -2. -1. 15. 0. 40. 30. 18. 11. 11. 9. 6. 3. 0. 0. -2. -4. -3. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0. 0.
Feb Mar Apr May Percentage c 2018 2019 2020 2021 2021 2021 Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2022 2022 2022 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2023 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2023 Jan Feb Mar Apr May Jun	107.8 105.5 104.9 103.6 thange, latest year o 4.8 2.5 -2.9 15.0 -2.8 thange, latest month 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	110.6 112.6 111.8 112.0 n previous year 1.1 -2.7 7.5 9.6 -6.6 -6.6 on same month 17.9 53.2 39.7 18.2 39.7 18.2 10.3 6.7 -1.3 4.7 -7.6 -11.7 -5.9 -6.5 -6.6 -10.0 -9.3 -6.7 -8.0 -6.10 -6.1 -4.5 -3.3 -3.3	108.1 103.4 108.4 108.4 1.7 -1.2 -2.9 4.5 -1.2 a year agc 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 -2.9 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0	119.9 124.9 121.1 1.7 9.1 25.7 11.8 -11.2 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 -7.6 -7.3 -8.4 -7.3 -7.4 -7.3 -7.4 -7.3 -7.4 -7.3 -7.4 -7.3 -7.4 -7.3 -7.4 -7.3 -7.4 -7.3 -7.4 -7.4 -7.5 -7.6 -7.3 -7.4 -7.3 -7.4 -7.4 -7.5 -7.6 -7.3 -7.4 -7.4 -7.5 -7.6 -7.3 -7.4 -7.5 -7.6 -7.3 -7.4 -7.6 -7.6 -7.3 -7.6 -7.3 -7.4 -7.4 -7.5 -7.6 -7.6 -7.3 -7.6 -7.3 -7.4 -7.6 -7.6 -7.6 -7.6 -7.3 -7.6 -7.3 -7.6 -7.3 -7.6 -7.3 -7.6 -7.6 -7.3 -7.6 -7.6 -7.6 -7.6 -7.6 -7.6 -7.6 -7.6	110.9 111.5 109.7 10.5 -8.9 -0.9 28.1 -10.3 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 -15.7 -6.8 -1.9 -6.8 -1.9 -6.8 -7.2 -7.2 -7.2 -7.2 -7.2 -7.2 -7.2 -7.2	93.3 96.5 96.1 -2.1 -3.5 -8.1 7.8 -8.0 -10.5 -10.4 -12.6 -18.6 -19.7 -11.7 -12.8 -12.0 -10.4 -2.0 -6.8 -8.0 -11.2 -9.1 -6.1 -2.8 -0.8	116. 119. 117. 44. -21. 15. 0. 13. 50. 40. 30. 18. 11. 11. 11. 9. 6. 3. 0. 0. -2. -4. 3. 0. 0. -2. -1.
Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2022 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2023 Jan Feb Feb Pec	107.8 105.5 104.9 103.6 thange, latest year o 4.8 2.5 -2.9 15.0 -2.8 thange, latest month 23.5 111.7 53.2 21.0 10.2 5.4 4.6 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 -3.0	110.6 112.6 111.8 112.0 n previous year 1.1 -2.7 7.5 9.6 6.6 on same month 17.9 53.2 39.7 18.2 10.3 6.7 -1.3 4.7 -7.6 -11.7 -5.9 -6.5 -6.6 -10.0 -9.3 -6.7 -8.0 -6.0 -6.0 -6.1 -7.8 -8.0 -8.1 -8.0 -8.1 -8.0 -8.1 -8.0 -8.1 -8.0 -8.1 -8.0 -8.1 -8.0 -8.1 -8.0 -8.1 -8.0 -8.1 -8.0 -8.1 -8.0 -8.1 -8.0 -8.1 -8.0 -8.1 -8.0 -8.1 -8.0 -8.0 -8.0 -8.0 -8.0 -8.0 -8.0 -8.0	108.1 103.4 108.4 108.4 108.4 1.7 -1.2 -2.9 4.5 -1.2 a year ags 6.7 27.6 7.9 10.2 4.3 9 -1.9 -3.4 7.0 1.9 -6.3 -2.0 -2.9 -2.9 -2.9 -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	119.9 124.9 121.1 1.7 9.1 25.7 11.8 -11.2 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 -7.6 -7.3 -8.4 -4.0 -7.2	110.9 111.5 109.7 10.5 -8.9 -0.9 28.1 -10.3 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 -6.8 -1.9 -1.9 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3 -1.3	93.3 96.5 96.1 -2.1 -3.5 -8.1 7.8 -8.0 26.2 138.7 93.3 31.1 10.5 -10.4 -12.6 -18.6 -19.7 -11.7 -12.8 -12.0 -6.8 -8.0 -11.2 -9.1 -6.1 -2.8 -0.8	116. 119. 117. 4.1 -2.2 -1.: 15. 0.3 13.1 50. 40.0 30.3 18.1 11.: 11 11 9.6 6. 3.3 0.0 -2.: -1.1 -0.1 -0.1 -0.1 -1.1 -0.1
Feb Mar Apr May Percentage c 2018 2019 2020 2021 2021 2021 Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2022 2022 2022 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2023 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2023 Jan Feb Mar Apr May Jun	107.8 105.5 104.9 103.6 thange, latest year o 4.8 2.5 -2.9 15.0 -2.8 thange, latest month 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	110.6 112.6 111.8 112.0 n previous year 1.1 -2.7 7.5 9.6 -6.6 -6.6 on same month 17.9 53.2 39.7 18.2 39.7 18.2 10.3 6.7 -1.3 4.7 -7.6 -11.7 -5.9 -6.5 -6.6 -10.0 -9.3 -6.7 -8.0 -6.10 -6.1 -4.5 -3.3 -3.3	108.1 103.4 108.4 108.4 1.7 -1.2 -2.9 4.5 -1.2 a year agc 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 -2.9 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0 -1.0	119.9 124.9 121.1 1.7 9.1 25.7 11.8 -11.2 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 -7.6 -7.3 -8.4 -7.3 -7.4 -7.3 -7.4 -7.3 -7.4 -7.3 -7.4 -7.3 -7.4 -7.3 -7.4 -7.3 -7.4 -7.3 -7.4 -7.4 -7.5 -7.6 -7.3 -7.4 -7.3 -7.4 -7.4 -7.5 -7.6 -7.3 -7.4 -7.4 -7.5 -7.6 -7.3 -7.4 -7.5 -7.6 -7.3 -7.4 -7.6 -7.6 -7.3 -7.6 -7.3 -7.4 -7.4 -7.5 -7.6 -7.6 -7.3 -7.6 -7.3 -7.4 -7.6 -7.6 -7.6 -7.6 -7.3 -7.6 -7.3 -7.6 -7.3 -7.6 -7.3 -7.6 -7.6 -7.3 -7.6 -7.6 -7.6 -7.6 -7.6 -7.6 -7.6 -7.6	110.9 111.5 109.7 10.5 -8.9 -0.9 28.1 -10.3 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 -15.7 -6.8 -1.9 -6.8 -1.9 -6.8 -7.2 -7.2 -7.2 -7.2 -7.2 -7.2 -7.2 -7.2	93.3 96.5 96.1 -2.1 -3.5 -8.1 7.8 -8.0 -10.5 -10.4 -12.6 -18.6 -19.7 -11.7 -12.8 -12.0 -10.4 -2.0 -6.8 -8.0 -11.2 -9.1 -6.1 -2.8 -0.8	116. 119. 117. 4.4. -2.4. -1.2. 15. 0.3 13.1 50. 40.3 30.9 30.9 18.1 11.1 9.3 6.3 3.3 2.7 4.4 3.3 0.0 -2.2 -1.1 -0.9

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.

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

Seasonally adjusted 2019 = 100 Food products, beverages Textiles, wearing apparel and Wood and Coke and Chemicals pharmaceutical paper products refined petroleum products and and tobacco leather products and printing products products preparations Section СВ CC CD CE CF 110.8 25.5 48.0 18.5 44.3 49.0 Latest weight K22B K22P K22T K22X K22Z K239 Percentage change, latest month on previous month 2021 Mar 0.8 1.1 -1.4 3.2 -11.7 21.6 Apr May 4.6 0.4 2.2 2.2 2.4 -0.3 5.1 -2.4 8.9 Jun -0.4 1.3 -2.3 8.8 2.6 -12.7 1.1 -0.5 -4.0 0.9 -2.7 6.3 -2.2 2.2 -0.5 0.8 -3.7 Aug 0.7 0.4 -4.7 Sep -0.4 0.4 -0.8 -0.5 Oct 0.8 -0.4 -1.7 2.4 8.0 0.2 -0.4 -0.7 2.5 0.5 Nov -2.0 -0.6 0.9 -0.3 2.1 0.6 14.9 -1.9 0.7 2.8 2.4 -23.3 2022 Jan 1.1 Feb Mar -0.3 0.5 -2.9 3.6 3.1 4.6 -4.5 -0.1 7.3 -4.4 0.6 0.4 2.2 -2.4 -2.1 -0.3 Apr May -0.1 0.7 1 1 0.4 2.6 -2.2 -2.7 -7.6 -5.9 1.2 Jun -1.3 -0.1 2.2 -10.1 -0.3 -2.9 Jul 2.8 -0.1 -0.3 -0.7 Aug -2.4 1.3 -1.7 -6.5 Sep 0.6 -1.1 -3.0 12.4 0.2 12.3 Oct -1.3 0.2 1.7 -1.4 0.6 -1.6 0.4 -7.2 Dec -1.1 0.4 -0.9 -1.3 -1.2 3.6 0.8 0.1 0.9 1.3 -5.4 -0.7 2023 Jan -0.2 -0 4 4.5 -2.8 -0.8 -3.0 Feb Mar -0.4 4.4 -0.8 -25 0.9 -0 4 -36 Anr -37 2.1 May 0.9 1.8 -3.0 -0.6 -0.8 Percentage change, latest 3 months on same 3 months a year ago 2021 Mar 0.9 2.6 1.6 -33.8 6.6 Apr May -24.6 -7.3 5.8 16.1 15.8 5.5 -3.8 10.6 50.3 30.2 6.6 36.2 10.8 -7.0 Jul 9.1 20.6 21.0 22.6 8.8 -2.9 Aug Sep 5.5 3.1 5.5 3.3 10.1 24.4 14.1 7.1 3.9 -4.0 -0.4 5.6 Oct 5.4 4.1 8.3 1.6 Nov 2.5 6.2 22 4.2 -0.4 8.6 3.4 3.9 0.5 Dec 8.5 -1.6 17.5 5.3 -0 1 0.6 10.8 2022 Jan 3.1 17.3 Feb 6.6 3.7 0.6 27.2 2.2 6.6 7.2 5.1 3.8 2.6 38.4 38.3 3.9 0.7 -4.9 -1.3 Mar 1.0 -0.4 Apr 3.5 -0.2 -2.0 30.0 -5.4 -3.9 -2.8 -2.1 Jun 1.7 -3.6 14.9 -3.4 23 Jul 1 1 -3.1 -5.3 -5.6 -2.3 Aug -5.5 -6.7 -6.0 0.4 -2.7 0.1 -6.1 Sep -0.3 -4.2 -7.2 -2.2 2.1 Oct 0.1 -4.5 -0.4 -0.7 -3.1 -5.3 -9.9 Nov 0.4 0.4 -5.6 -3.7 -12.4 -2.1 -0.8 -6.0 -13.1 ^T -0.8 -0.9 -1.2 1.8 0.7 -8.2 -9.6 -12.6 -11.1 0.1 8.4 Feb -7.4 Mar -8.6 Apr May -1.6 -2.0 -2.5 -4.3 -8.6 -9.0 -11.4 -10.0 7.4 8.1 -12.4-9.6

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.

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	Other manufacturing and repai
Section	CG	CH	CI	CJ	СК	CL	CN
_atest weight	52.8	81.3	50.5	18.0	54.6	108.3	67.4
	K23B	K23G	K23N	K23P	K23R	K23T	K232
Percentage cl	nange, latest month o	on previous mont	h				
2021 Mar	5.0	1.6	-3.7	-1.5	5.5	-0.2	-0.5
Apr	0.2	-	-2.1	2.8	-0.2	-1.4	0.1
May Jun	-3.6 -0.5	2.2 -2.1	1.1 1.6	3.9 -7.9	0.1 -0.1	-10.8 4.2	1.t 2.t
Jul	-0.8	-2.7	0.3	-0.5	-4.0	-0.3	-0.3
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	-0.3
Nov	0.8	-1.4	2.0	-1.3	1.9	-2.0	-0.2
Dec	-3.3	-2.2	0.4	0.2	-3.3	-1.8	-2.:
022 Jan	1.8	3.7	0.4	-0.7	6.4	-0.8	0.
Feb Mar	-2.2 2.4	-1.1 0.5	-3.7 0.7	-2.9 3.0	-4.4 -2.2	0.4 0.7	3. -1.
Apr	3.5	-0.1	-3.0	-4.2	-2.2 -1.8	0.7	-1. -3.:
May	2.5	-1.5	0.8	-1.5	3.0	-2.3	-3. 1.
Jun	-4.2	-1.3	1.9	0.8	-0.9	-0.9	0.
Jul	-2.0	0.2	1.2	-1.5	-1.6	-1.7	0.
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	0.
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	0. - 0.
023 Jan Feb	2.0 [†] 1.3	3.6 0.4	-1.0 [†] † 3.4	4.0 [†] -6.1	-1.6 0.2	-0.9 1.1	^T 1. 1.
Mar	-2.1	1.8	3.3	1.6	-0.5	1.0	-0.
Apr	-0.6	-0.7	-4.4	4.2	0.6 ^T	3.4	2.
May	-1.2	0.1	4.8	-3.1	-1.6	-0.4	-1.7
Percentage cl	nange, latest 3 montl	ns on same 3 mor	nths a year ago				
2021 Mar	11.3	12.8	2.8	24.5	32.0	5.7	8.2
Apr	35.5	24.7	11.6	34.3	61.1	35.3	20.
May	55.1	35.4	13.2	45.3	87.1	72.6	32.
Jun	54.3	35.5	14.5	44.2	75.7	77.5	39.
Jul	25.8	21.7	7.4	27.1	43.2	36.8	29.
Aug	11.9	11.6	4.7	9.2	28.1	12.6	19.
Sep Oct	6.7 4.1	5.1 0.1	1.7 -0.4	-0.7 -6.8	25.4 18.2	-0.5 -7.8	13. 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.
.022 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	-3.6	-6.2	-3.8	-12.7	-12.2	-11.7	2.
May	-1.4	-7.7	-2.7	-15.0	-14.0	-8.4	1.
Jun	0.4	-8.7	-3.0	-16.0	-13.9	-6.5	-0.
Jul	0.7	-8.7	-2.7	-15.3	-12.6	-5.6 9.7	-1.
Aug Sep	-1.2 -3.3	-8.0 -6.9	-0.9 -	-11.5 -10.2	-13.0 -14.1	-8.7 -9.5	-1. -1.
Oct	-3.3 -4.6	-6.7	0.9	-10.2	-14.1 -12.4	-9.5 -8.8	-1. -1.
Nov	-6.4	-5.5	0.1	-7.8	-10.0	-6.0	-1. -1.
Dec	-5.4	-4.6	0.2	-7.7	-4.8	-3.3	-0.
.023 Jan	-4.6 ^T	-3.7	-0.5 ^T	-6.6	-6.1	-1.5	т 0.
Feb	-2.0	-2.8	1.5	-6.5 ^T	- 5.4 [⊤]	-0.7	0.
Mar	-2.2	-1.9	[†] 4.3	-6.5	-5.9	-0.4	0.
Apr	-3.9	-1.1	7.3	-5.4	-3.1	0.9	2.
May	-7.8	-0.4	9.1	-3.7	-3.2	2.7	3.

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

 $^{^\}dagger$ 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

Seasonally adjusted 2019 = 100 Food products, beverages Textiles, wearing apparel and Wood and paper products Coke and Chemicals pharmaceutical products and refined petroleum and tobacco leather products and printing products products preparations Section СВ CC CD CE CF 110.8 25.5 48.0 18.5 44.3 49.0 Latest weight K22B K22P K22T K22X K22Z K239 Percentage change, latest 3 months on previous 3 months 2021 Mar -2.9 0.3 -14.6 -5.3 6.3 Apr May 0.7 3.9 -0.2 5.6 0.9 2.2 -7.5 5.8 -3.3 -0.9 2.0 3.6 Jun 5.6 8.2 2.0 23.0 3.2 -1.4 3.8 5.6 0.3 27.4 5.4 0.9 19.9 -0.7 Aug 1.9 -1.9 1.2 2.5 0.3 0.5 -1.9 -1.5 -1.5 -1.1 5.8 -2.4 Sep -0.6 Oct -0.9 Nov 0.2 0.5 -5.6 3.3 0.3 0.1 -0.3 -2.4 2.3 9.3 2022 Jan -0.6 -0.2 2.1 3.1 2.8 Feb Mar 0.4 0.7 -1.8 -2.2 -0.2 0.9 6.2 8.9 1.9 -0.1 0.3 Apr May 0.5 -0.8 0.6 9.0 -3.2 -0.5 -2.7 1.6 1.3 8.1 2.1 -3.1 0.9 -8.1 0.2 -4.5 1.4 Jun -0.5 -0.1 -2.4 -2.5 -1.1 -2.1 -2.2 -2.7 -5.8 -4.5 0.8 Jul -1.2 1.0 2.1 Aug -12.8 Sep -1.2 -14.2 -8.9 -3.8 -1.8 -1.3 -2.6 3.8 Oct -0.6 1.8 -3.2 12.1 Dec -0.3 0.4 0.9 -4.5 14.1 -3.4 ¹ 2023 Jan Feb 0.6 -0.4 -1.9 -4.6 -2.6 -2.4 -2.4 -1.8 0.4 0.6 4.3 -1.6 0.2 2.3 1.3 -4.7 -1.6 Mar Apr

-4.5

-0.3

May

0.3

-0.7

3.1

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.

OP5 Output of the Production Industries

Chained volume indices of gross value added¹

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 Section CG СН CJ CK СМ 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 2.2 3.7 4.1 2021 Mar 1.8 -0.8 6.3 -7.5 3.7 Apr May -1.5 0.3 1.6 -0.1 1.9 5.8 4.8 4.7 -5.8 -6.9 2.3 1.5 Jun 1.2 1.3 -1.9 2.7 4.0 -6.8 2.2 Jul -2.4 0.4 -0.5 -0.4 -9.2 3.2 -6.0 -7.0 -2.3 -2.3 -3.6 -2.4 -2.5 -4.2 3.7 Aug 1.4 -3.6 2.0 1.0 -0.8 Sep -7.3 -4.7 -4.5 Oct -0.9 -0.8 -3.71.7 0.4 0.3 -5.5 -1.5 -0.8 Nov -4.3 -1.0 Dec -0.8 -4.2 -0.5 -4.0 -9.9 -3.0 -1.5 2022 Jan -1.0 -2.7 -5.8 -3.7 -3.0 1.4 0.3 -2.7 -2.6 -4.3 -3.7 -1.7 -0.9 Feb -1.5 -0.9 -0.9 -2.0 0.9 -2.1 Mar 0.9 1.1 0.6 -3.8 -2.8 -3.5 -0.1 1.0 Apr May 4.7 0.4 -2.6 -3.3 -0.6 Jun 4.6 -1.6 -2.7 -4.0 -3.1 -0.9 -2.0 -2.2 -2.8 Jul 2.0 0.7 -3.4 -0.2 -3.0 -0.9 -3.4 3.3 -2.1 -1.1 -3.9 0.6 Aua Sep -6.0 -2.3 4.2 -0.6 -2.4 -3.9 1.0 Oct -6.2 -2.4 2.8 0.4 -3.4 -1.7 0.4 -1.7 Nov **-**5.0 0.1 -0.8 -2.3 1.3 -0.3 -3.0 -1.4 Dec -1.8 -0.3-0.33.7 -1.0 -0.9 [†] 2023 Jan 0.1 0.9 3.3 0.2 2.0 † -1.2 -0.7 1.8 Feb 1.6 1.2 1.0 -0.2 -0.4 3.2 3.6 1.7 Mar 2.5 4.0 8.0 3.5 2.9 2.4 3.6 2.4 Apr 1.4 -1.6 3.8 1.9 May -1.5 0.4 -1.0

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

 $^{^\}dagger$ indicates that data are new or have been revised. The period market is the earliest in the table to have been revised.



Next publication: 11th August 2023

Office for National Statistics, Government Buildings, Cardiff Road, Newport NP10 8XG Issued by:

Media contact:

Media Relations Office +44 (0) 845 6041858 Tel:

Emergency on-call +44 (0) 7867 906553

press.office@ons.gov.uk Email:

Statistical contact:

Name: John Allcoat

John Allcoat +44 (0) 1633 456616 Tel: Email: indexofproduction@ons.gov.uk

Contact us:

+44 (0) 845 601 3034 Tel: info@ons.gov.uk www.statistics.gov.uk www.twitter.com/statisticsONS Email: Website:

Twitter: