

Statistical bulletin

Index of Production, UK: March 2017

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



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1. Main points

- The Index of Production for Quarter 1 (Jan to Mar) 2017 was estimated to have increased by 0.1%. Increases of 0.3% in manufacturing and 1.8% in mining and quarrying were offset by a fall of 4.3% in energy supply.
- In March 2017, total production decreased by 0.5% compared with February 2017, due to falls of 4.2% in energy supply and 0.6% in manufacturing.
- Basic metals and metal products provided the largest downward pressure on manufacturing in March 2017, while warmer-than-average temperatures led to a decrease in energy supply.
- Total production output for March 2017 compared with March 2016 increased by 1.4%, with growth in three of the four main sectors, with manufacturing providing the largest contribution, increasing by 2.3%.
- In this release, the Index of Production estimate for Quarter 1 2017 was revised downwards to 0.1% from 0.3%, published in the <u>Gross domestic product</u>, <u>preliminary estimate</u>: Jan to <u>Mar 2017</u>. The largest contributions to the revision came from revised data for manufacturing and electricity. The downward impact of these revisions to the previously published gross domestic product (GDP) was 0.02 percentage points, which does not impact the headline GDP growth rate to one decimal place.

2. Things you need to know about this release

The Index of Production (IoP) is an important economic indicator and one of the short-term measures of economic activity in the UK. It is used in the compilation of gross domestic product (GDP); the production industries' weight accounts for 14.6% of the <u>output approach to the measurement of GDP</u>.

The IoP measures the UK output in the mining and quarrying; manufacturing; energy supply; and water supply and waste management industries. The IoP estimates are mainly based on the Monthly Business Survey (MBS) of approximately 6,000 businesses. For the mining and quarrying and energy supply sectors, and two manufacturing industries namely coke and refined petroleum, and basic iron and steel, we receive volume data from the <u>Department for Business</u>, <u>Energy and Industrial Strategy (BEIS)</u> and the <u>International Steel Statistics</u> <u>Bureau (ISSB)</u> respectively. Unless otherwise stated, all estimates included in this release are based on seasonally adjusted data. The current price non-seasonally adjusted estimates of industries collected by the MBS can be found in today's (11 May 2017) publication of <u>TOPSI</u>: Production and services turnover.

As part of the Short-term Economic Indicators theme day, IoP produces the <u>proportion of turnover from exports</u>, by industry. <u>Level of exports (£ millions)</u> is published in TOPSI. However, this is not always comparable with UK trade statistics, for a number of reasons. These include, but are not limited to:

- different data sources IoP and TOPSI are based on a survey of businesses; UK Trade in Goods uses administrative data collected by HM Revenue and Customs (HMRC)
- different concepts being measured IoP reports the value of exports as a proportion of the industry's turnover; UK trade in goods reports the change in ownership between the UK and other countries
- time lag there can be time lags between the sale of a product reported in IoP and the movements of that product reported by UK trade

Further information on UK trade and how their data are compiled can be found in the "Things you need to know" section of the <u>UK trade</u> release.

This release has a revisions period back to January 2017. Revisions can be made for a variety of reasons, the most common include:

- · late responses to surveys and administrative sources, or changes to original returns
- forecasts being replaced by actual data
- revisions to seasonal adjustment factors, which are re-estimated every month and reviewed annually

This revisions period is consistent with the National Accounts revisions policy.

Care should be taken when using the month-on-month growth rates as data can often be volatile; longer-term growth rates and examination of the time series allow for better interpretation of the statistics.

Summary information can be found in the Quality and Methodology Information report.

3. Index of Production (IoP) main figures and the longer-term trend

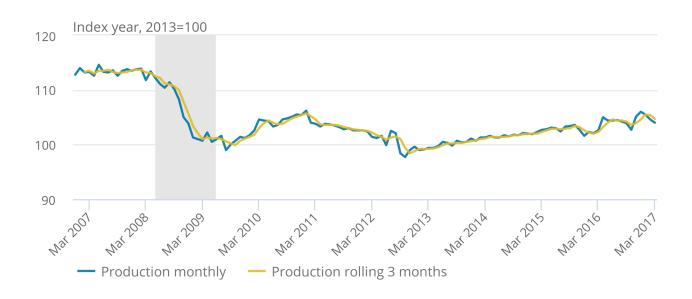
Figures 1 and 2 show that both the Index of Production (IoP) and Index of Manufacturing followed a broadly upward trend following the economic downturn. Growth was more pronounced from the beginning of 2010, as the economy recovered, before a slight downturn during 2012. Since then, both production and manufacturing output have steadily risen but remain well below their level reached in the pre-downturn gross domestic product (GDP) peak in Quarter 1 (Jan to Mar) 2008, by 7.5% and 3.8% respectively in the 3 months to March 2017.

Figure 1: Index of Production in UK

Seasonally Adjusted, March 2007 to March 2017

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Seasonally Adjusted, March 2007 to March 2017



Source: Primarily Monthly Business Survey (Production and Services) - Office for National Statistics

Notes:

- 1. Quarter 1 (Jan to Mar) 2008 to Quarter 2 (Apr to June) 2009 UK economic downturn.
- 2. 24 June 2016 the result of the EU referendum was announced.

Figure 2: Index of Manufacturing in UK

Seasonally Adjusted, March 2007 to March 2017, UK

Figure 2: Index of Manufacturing in UK

Seasonally Adjusted, March 2007 to March 2017, UK



Source: Primarily Monthly Business Survey (Production and Services) - Office for National Statistics

Notes:

- 1. Quarter 1 (Jan to Mar) 2008 to Quarter 2 (Apr to June) 2009 UK economic downturn.
- 2. 24 June 2016 the result of the EU referendum was announced.

Table 1 shows the growth rates and contributions for the IoP and main sectors for March 2017. The monthly estimate of total production decreased by 0.5%. There were falls in two of the four main sectors, namely manufacturing and energy supply.

The 3 months-on-previous 3 months estimate of total production increased by 0.1% in March 2017, with increases in three of the four main sectors. The largest contribution came from manufacturing, which increased by 0.3%, following growth of 1.9% in the 3 months to February 2017.

Description	% of production 1	Month on previous month growth (%)	Contribution to production (% points)	Most recent 3 months on previous 3 months growth (%)	Contribution to production (% points)
loP	100.0	-0.5	-0.54	0.1	0.10
Mining and quarrying	12.0	1.5	0.19	1.8	0.23
Manufacturing	70.0	-0.6	-0.39	0.3	0.24
Electricity, gas, steam and air conditioning	10.4	-4.2	-0.40	-4.3	-0.42
Water supply, sewerage and waste management	7.5	0.6	0.05	0.7	0.06

Table 1: Index of Production headline growth rates and contributions, March 2017, UK

Source: Office for National Statistics

Notes:

1. "% of production" column does not add up to 100 due to rounding.

4. What is contributing to the quarterly increase?

The Quarter 1 (Jan to Mar) 2017 estimate of total production increased by 0.1%, the largest upward contribution came from manufacturing, which rose by 0.3% (Table 2). The increase in manufacturing was broad-based across 8 of the 13 manufacturing sub-sectors; the largest upward contribution came from an increase of 3.2% in transport equipment. Within this sub-sector, motor vehicles increased by 3.7% and increased turnover was reported in the Monthly Business Survey, published in <u>Turnover in Production and Services Industries, March 2017</u>. In contrast, the highly volatile pharmaceutical industry fell by 9.2%.

The energy supply sector provided a downward pressure on Quarter 1, with a fall of 4.3%. The Department for Business, Energy and Industrial Strategy (BEIS) advised that the decreases were largely caused by warmer-thanaverage temperatures during the months of February and March 2017, at 1.6 degrees Celsius and 1.8 degrees Celsius respectively above the long-term average (according to the <u>Met Office</u>).

Sector Summary description 3 months on previous 3 Contribution to months growth (percentage) production (percentage points) loΡ Index of Production 0.1 0.10 Sector 0.23 Total Mining and Quarrying 1.8 В 5 0.00 Coal and Lignite -11.4 0.21 6 Crude petroleum and Natural gas 2.1 789 Other mining and quarrying 0.8 0.02 Sector **Total Manufacturing** 0.3 0.24 С CA Food, beverages and tobacco 0.1 0.01 СВ Textiles and leather products 6.2 0.14 CC Wood, paper and printing 2.3 0.12 CD -2.5 Coke and petroleum -0.02 CE Chemical products 1.5 0.06 CF -0.54 Pharmaceutical products -9.2 CG Rubber and plastic products -0.4 -0.02 СН Metal products -2.2 -0.18 CI Computer, electronic and optical -0.8 -0.03 CJ Electrical equipment 0.6 0.01 CK Machinery and equipment 4.1 0.18 CL Transport equipment 3.2 0.32 CM Other manufacturing and repair 2.8 0.18 Sector Total Electricity and Gas -4.3 -0.42 D 35.1 -2.9 -0.19 Electric power generation, transmission and distribution 35.2-3 Manufacture of gas; distribution of gaseous -7.3 -0.24 fuels through mains; steam and aircon supply Sector **Total Water** 0.7 0.06 Е Water collection, treatment and supply 36 -1.4 -0.03 37 Sewerage 3.1 0.08 38 Waste collection, treatment and disposal 0.3 0.01 activities; materials recovery 39 0.5 0.00 Remediation activities and other waste management services

Table 2: Growths and contributions to production, 3 months-on-previous 3 months, March 2017, UK

Source: Office for National Statistics

5. What is contributing to the month-on-month decrease?

The monthly estimate of total production decreased by 0.5% in March 2017 (Table 3), following a decrease of 0.8% in the previous month. The energy supply and manufacturing sectors fell by 4.2% and 0.6% respectively.

The monthly fall of 0.6% in manufacturing was broad-based across 8 of the 13 sub-sectors. The largest downward contribution came from the basic metals and metal products sub-sector; within this, fabricated metals fell by 5.8%, the largest fall since June 2012.

The energy supply sector fell by 4.2%; the largest contribution to the fall came from electricity generation, decreasing by 4.1%, while the supply of gas also decreased. The Department for Business, Energy and Industrial Strategy (BEIS) advised that the decrease was largely caused by warmer temperatures. March 2017 was the joint-fifth warmest March in the temperature series since 1910, with the temperature increasing from 5.3 degrees Celsius in February 2017 to 7.3 degrees Celsius in March 2017 (according to the <u>Met Office</u>).

Sector	Summary description	Month on previous month growth (percentage)	Contribution to production (percentage points)
loP	Index of Production	-0.5	-0.54
Sector B	Total Mining and Quarrying	1.5	0.19
5	Coal and Lignite	-20.4	0.00
6	Crude petroleum and Natural gas	2.1	0.21
789	Other mining and quarrying	-0.9	-0.02
Sector C	Total Manufacturing	-0.6	-0.39
CA	Food, beverages and tobacco	0.8	0.09
СВ	Textiles and leather products	3.0	0.07
CC	Wood, paper and printing	2.1	0.10
CD	Coke and petroleum	4.1	0.03
CE	Chemical products	1.3	0.05
CF	Pharmaceutical products	-0.8	-0.04
CG	Rubber and plastic products	-0.1	-0.01
СН	Metal products	-3.0	-0.24
CI	Computer, electronic and optical	-4.5	-0.16
CJ	Electrical equipment	-2.2	-0.04
CK	Machinery and equipment	-0.1	-0.01
CL	Transport equipment	-1.7	-0.18
СМ	Other manufacturing and repair	-1.2	-0.08
Sector D	Total Electricity and Gas	-4.2	-0.40
35.1	Electric power generation, transmission and distribution	-4.1	-0.26
35.2-3	Manufacture of gas; distribution of gaseous fuels through mains; steam and aircon supply	-4.4	-0.13
Sector E	Total Water	0.6	0.05
36	Water collection, treatment and supply	-0.6	-0.01
37	Sewerage	2.2	0.05
38	Waste collection, treatment and disposal activities; materials recovery	0.2	0.01
39	Remediation activities and other waste management services	2.1	0.00

Table 3: Growths and contributions to production, month-on-previous month, March 2017, UK

Source: Office for National Statistics

6. What is contributing to the month-on-same-month a year ago increase?

Total production increased by 1.4% in March 2017 compared with March 2016; three of the four main sectors provided upwards contributions (Table 4). The largest contribution came from manufacturing, which increased by 2.3%, following an increase of 3.0% in the previous period.

The growth across manufacturing was broad-based with increases in 11 of the 13 sub-sectors. Transport equipment provided the largest contribution, increasing by 5.2% on the same month a year ago. Increased turnover and exports were reported in the Monthly Business Survey, published in <u>Turnover in Production and</u>. <u>Services Industries</u>, March 2017. In contrast, the volatile pharmaceutical industry provided the largest downward contribution, falling by 6.7% compared with the same month a year ago.

Table 4: Growths and contributions to production, month-on-same month a year ago, March 2017, UK

Sector	Summary description	Month on same month a year ago growth (percentage)	Contribution to production (percentage points)
loP	Index of Production	1.4	1.39
Sector B	Total Mining and Quarrying	0.6	0.08
5	Coal and Lignite	-10.5	0.00
6	Crude petroleum and Natural gas	0.3	0.04
789	Other mining and quarrying	2.3	0.05
Sector C	Total Manufacturing	2.3	1.61
CA	Food, beverages and tobacco	2.5	0.29
СВ	Textiles and leather products	15.1	0.33
CC	Wood, paper and printing	5.1	0.26
CD	Coke and petroleum	14.0	0.11
CE	Chemical products	3.5	0.14
CF	Pharmaceutical products	-6.7	-0.38
CG	Rubber and plastic products	0.8	0.05
СН	Metal products	-4.1	-0.34
CI	Computer, electronic and optical	3.5	0.12
CJ	Electrical equipment	1.2	0.02
СК	Machinery and equipment	6.6	0.29
CL	Transport equipment	5.2	0.51
СМ	Other manufacturing and repair	3.1	0.21
Sector D	Total Electricity and Gas	-5.9	-0.58
35.1	Electric power generation, transmission and distribution	-6.4	-0.43
35.2-3	Manufacture of gas; distribution of gaseous fuels through mains; steam and aircon supply	-4.9	-0.15
Sector E	Total Water	3.5	0.27
36	Water collection, treatment and supply	-1.1	-0.02
37	Sewerage	11.4	0.26
38	Waste collection, treatment and disposal activities; materials recovery	1.0	0.03
39	Remediation activities and other waste management services	0.0	0.00

Source: Office for National Statistics

7 . Links to related statistics

The corresponding price indices used to deflate the Index of Production (IoP) are published in the monthly publication of <u>UK producer price inflation</u>. Product sales by manufacturers are published on an annual basis in <u>UK manufacturers' sales by product (PRODCOM)</u> statistical bulletins; estimates are in current prices, unlike the chained volume measures published in the IoP release.

The Department of Business, Energy and Industrial Strategy (BEIS) publish <u>Energy Trends</u>; these data feed into the IoP in mining and quarrying, electricity and gas, and the manufacture of coke and refined petroleum products.

The IoP follows the <u>Eurostat short-term statistics (STS)</u> regulation for measuring output in production. The latest release of <u>output in production</u> and <u>output in manufacturing</u> are available from Eurostat and are updated monthly. It should be noted that an accurate comparison cannot be made between our publication and the Eurostat publication without re-indexing the data to the same base year, as Eurostat data are calculated on a 2010=100 basis, while UK data are calculated on a 2013=100 basis.

Outside of the EU, the US Census Bureau releases <u>Manufacturing and Trade Inventories and Sales</u> reports. Accurate comparisons cannot be made between our publication and the US Census Bureau release as the UK data are calculated at chained volume indices, which takes into account price changes, while the US publication is not adjusted for price changes.

8. What's new?

The <u>Short-term indicators economic commentary</u> was published alongside this release, presenting new information on economic conditions in March 2017, with data available for output in production, construction and the trade balance.

9. Quality and methodology

The majority of data used to compile the manufacturing sector, and thus the Index of Production (IoP), is collected via the Monthly Business Survey (MBS). The MBS samples around 6,000 businesses every month. The data collected are turnover excluding Value Added Tax (VAT) and exports for some applicable industries. This data is then deflated using <u>Producer Price Indices (PPI)</u>. Within the manufacturing sector we also receive direct volume data from the <u>Department for Business</u>, <u>Energy and Industrial Strategy (BEIS)</u> for fuel industries and the <u>International Steel Statistics Bureau (ISSB)</u> for steel industries.

The mining and quarrying sector is mainly comprised of data from BEIS, including volume of oil and gas extraction and coal extraction. The data used to produce the energy sector is also from BEIS and includes energy and gas supply output. A comprehensive list of the IoP source data can be found in the <u>GDP(O) source catalogue</u>.

Within the suite of datasets published monthly alongside this release, you will find:

- Output of the Production Industries (IOP5) publication tables
- <u>Revisions to Output of the Production Industries</u> (IOP5R)
- Monthly Business Survey response rates for production industries for this publication
- Revision triangle monitors the size of monthly and 3-monthly revisions
- Export proportions for manufacturing industries
- Index of Production weights 2013=100
- Index of Production and Sectors to 4 decimal places

The <u>TOPSI: Production and services turnover</u> is published alongside this release, providing current price estimates for industries collected by the MBS.

The Index of Production Quality and Methodology Information document contains important information on:

- the strengths and limitations of the data and how it compares with related data
- uses and users of the data
- how the output was created
- the quality of the output including the accuracy of the data



Output of the Production Industries, March 2017

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
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- 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
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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				
				, 3	Water supply,	·				- 3-	
	Production industries	Mining and quarrying	Manufacturing	Electricity, gas, steam and air conditioning	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	MG-NRG
Latest weight	1 000.0	120.4	700.4	104.5	74.7	96.2	52.1	208.2	235.8	254.6	232.7
	K222	K224	K22A	K248	K24C	K226	K24Q	K24R	K24S	K24O	K24T
2012	100.7	102.8	101.0	100.2	95.9	109.0	101.3	100.9	99.0	100.6	103.6
2013	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
2014 2015	101.5 102.7	100.6 109.1	102.9 102.7	94.0 94.4	100.7 104.1	98.9 109.6	106.2 106.0	100.5 100.8	103.1 101.7	105.0 105.3	96.5 101.2
2016	103.9	109.7	103.5	96.0	109.9	114.2	106.3	101.6	103.4	103.8	103.5
2016 Q1	102.3	107.3	102.2	93.2	108.1	111.1	104.1	101.0	101.2	102.9	101.0
Q2 Q3	104.6 104.2	109.8 114.8	104.0 103.2	98.4 94.2	110.2 110.1	114.3 120.6	105.8 107.1	102.8 100.3	104.3 103.9	103.5 103.6	104.5 105.4
Q4	104.6	106.8	104.5	97.9	111.1	110.9	108.3	102.2	104.4	105.0	103.3
2017 Q1	104.7	108.8	104.9	93.7	111.9	113.2	109.2	100.6	106.7	104.9	102.1
2016 Jan	102.3	105.0	102.8	92.1	108.3	107.2	104.8	100.6	102.3	104.1	99.0
Feb Mar	102.1 102.6	108.6 108.4	101.9 102.0	92.0 95.6	107.5 108.6	112.9 113.3	103.9 103.6	101.7 100.5	99.7 101.7	102.6 102.1	101.1 102.7
Apr	105.0	109.8	104.5	100.2	109.2	114.5	105.9	104.5	104.0	103.8	105.0
May Jun	104.4 104.4	109.1 110.6	103.9 103.6	97.5 97.6	110.8 110.8	113.3 115.0	106.8 104.8	102.6 101.4	103.8 105.0	103.7 103.1	103.9 104.4
Jul	104.5	118.3	102.8	95.3	110.8	124.9	106.7	99.8	103.3	103.4	107.7
Aug Sep	104.2 103.9	115.1 110.9	103.1 103.8	94.7 92.6	110.1 109.5	120.9 116.0	107.6 106.9	100.3 100.9	103.9 104.3	103.3 104.0	105.6 102.9
Oct	102.7	102.0	102.8	96.6	111.4	104.7	107.3	99.1	103.0	104.0	100.1
Nov Dec	105.1 106.0	109.9 108.6	104.2 106.5	100.8 96.4	111.3 110.7	114.7 113.4	106.7 110.8	102.3 105.2	103.3 106.8	105.1 105.9	106.2 103.5
2017 Jan	105.5 ⁺	109.9				114.6 ^T	109.7				104.2
Feb Mar	104.6 104.0	107.4 109.1	104.9 104.4	93.9 89.9	111.7 112.4	111.4 113.7	111.1 106.8	99.9 100.6	107.3 106.2	105.2 104.0	101.4 100.7
Percentage chan	nge, latest year o	on previous ye	ar								
2012	-2.7	-10.9	-1.4	-0.9	-0.1	-14.1	-2.6	-3.8	1.3	-	-8.9
2013 2014	-0.7 1.5	-2.7 0.6	-1.0 2.9	-0.2 -6.0	4.3 0.7	-8.2 -1.1	-1.3 6.2	-0.9 0.5	1.0 3.1	-0.6 5.0	-3.5 -3.5
2015 2016	1.2 1.2	8.4 0.6	-0.2 0.7	0.5 1.7	3.4 5.6	10.8 4.2	-0.2 0.3	0.3 0.8	-1.4 1.7	0.3 -1.5	4.9 2.3
Percentage chan											
2015 Jan	1.2	5.8	1.2	0.2	-4.3	4.9	5.0	3.6	-1.7	1.7	2.4
Feb Mar	0.9 1.4	-1.5 0.9	0.9 1.1	6.8 4.4	-2.2 0.9	-5.7 -0.7	0.8 4.1	-1.2 1.3	1.0 -0.5	3.6 2.5	0.8 1.3
Apr May	1.2 1.7	7.6 9.3	-0.3 0.2	1.9	4.1 4.2	9.6 12.8	0.9 2.7	-2.5 0.6	-0.6 -0.7	1.5 0.1	4.9 5.8
Jun	1.6	11.2	-0.1	1.3 -1.3	6.9	15.0	5.4	-0.9	-1.5	1.7	5.4
Jul	0.7	11.1 19.9	-1.3 -0.8	-3.4	8.3 5.5	13.9 26.3	1.0 -2.4	0.2	-4.0	-0.3 -1.0	4.3 9.5
Aug Sep	1.8 1.5	9.6	-0.8	-3.1 3.0	3.6	13.2	-2.4 -4.4	-1.0 1.0	-0.4 -0.9	-1.2	9.5
Oct Nov	1.8 0.6	9.7 10.9	-1.4	3.5 0.4	4.0 3.1	12.8 16.3	-5.0 -3.2	2.8 -0.5	-1.8 -3.1	-0.5 -1.7	7.5 7.4
Dec	-0.3	7.3	-1.4	-7.5	7.8	12.7	-5.7	-0.5	-3.1	-3.5	1.8
2016 Jan	0.4	1.9	-0.1	-3.9	8.9	6.5	-4.2	-0.2	1.7	-2.3	0.8
Feb Mar	-0.2 -0.1	7.8 4.3	-1.5 -1.6	-5.3 0.6	5.9 6.4	16.0 10.9	-0.9 -3.1	1.6 -1.6	-2.8 -0.2	-4.5 -4.6	3.6 4.4
Apr	2.2	1.1	1.3	8.5	4.6	4.8	-0.3	5.0	1.2	-2.8	5.1
May Jun	1.2 1.4	-3.9 0.3	1.4 0.9	3.2 3.7	6.2 4.2	-2.2 3.4	1.9 -4.4	0.9 2.7	2.8 2.2	-0.8 -2.9	0.4 3.0
Jul	2.1 0.9	7.4 -1.4	1.1 1.0	1.4	3.2 5.6	12.9 1.0	0.1 3.4	-0.7 0.4	4.3 2.0	-1.8 -1.1	6.2
Aug Sep	0.5	-0.3	0.6	-3.7	6.0	2.7	2.0	-0.7	1.3	-0.5	-0.4
Oct	-0.8	-9.7	-	-0.4	6.2	-8.4	4.3	-3.7	1.7	-0.3	-4.3
Nov Dec	2.3 4.3	-0.8 1.7	1.8 4.2	7.6 9.4	6.3 3.5	1.5 4.8	0.9 4.6	1.5 4.1	2.2 4.3	1.0 3.4	3.6 6.1
2017 Jan Feb	3.1 [⊺]	4.7					4.7		4.4		5.3
	2.5	-1.1	3.0 2.3	2.1 -5.9	3.9 3.5	-1.3 0.3	6.9	-1.8	7.6	2.5	0.3

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

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Continued Chained volume indices of cross value added¹

			Broad ind	ustry groups				Ма	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	MG-NRG
Latest weight	1 000.0	120.4	700.4	104.5	74.7	96.2	52.1	208.2	235.8	254.6	232.7
	K222	K224	K22A	K248	K24C	K226	K24Q	K24R	K24S	K24O	K24T
Percentage cha	nge, latest mont	h on previous	month								
2015 Jan	-0.1	3.6	-0.8	0.6	0.3	5.0	-2.6	0.1	-3.7	0.4	2.5
Feb Mar	0.4 0.4	-2.3 3.2	0.5 0.3	1.4 -2.1	2.1 0.6	-3.4 5.0	-4.2 2.0	-0.7 2.0	2.0 -0.7	0.9 -0.4	-0.6 0.7
Apr	0.1	4.5	-0.5	-2.9	2.2	6.8	-0.7	-2.6	0.9	-0.2	1.6
May	0.3	4.6	-0.7	2.2	-0.1	6.2	-1.4	2.2	-1.8	-2.1	3.6
Jun	-0.1	-3.0	0.2	-0.3	2.0	-4.0	4.6	-2.9	1.8	1.5	-2.1
Jul Aug	-0.6 0.9	-0.1 5.9	-0.9 0.4	-0.1 0.8	1.0 -2.9	-0.6 8.3	-2.8 -2.4	1.8 -0.6	-3.6 2.8	-0.8 -0.7	0.1 4.1
Sep	0.9	-4.7	1.0	1.4	-0.9	-5.7	0.7	-0.0	1.1	-0.7	-2.2
Oct	0.2	1.5	-0.3	0.9	1.6	1.2	-1.8	1.2	-1.6	-0.1	1.3
Nov	-0.8	-1.8	-0.4	-3.5	-0.3	-1.1	2.8	-2.0	-0.2	-0.3	-2.0
Dec	-1.0	-3.7	-0.2	-5.9	2.2	-4.3	0.2	0.2	1.3	-1.5	-4.7
2016 Jan	0.7	-1.6	0.5	4.5	1.2	-0.8	-1.1	-0.4	-0.1	1.6	1.4
Feb	-0.3	3.4 -0.2	-0.9 0.1	-0.1 4.0	-0.7	5.3	-0.9 -0.3	1.1 -1.2	-2.6 2.0	-1.4 -0.5	2.1
Mar Apr	0.5 2.4	-0.2	2.5	4.0	1.1 0.5	0.4 1.0	-0.3	-1.2	2.0	-0.5	1.5 2.3
May	-0.6	-0.6	-0.6	-2.7	1.5	-1.0	0.8	-1.8	-0.2	-	-1.1
Jun	-	1.3	-0.2	0.1	-	1.5	-1.8	-1.2	1.2	-0.6	0.5
Jul	0.1	7.0	-0.8	-2.4	-	8.5	1.8	-1.6	-1.6	0.2	3.1
Aug	-0.3	-2.7	0.3	-0.6	-0.6	-3.2	0.8	0.5	0.6	-0.1	-1.9
Sep Oct	-0.3 -1.2	-3.6 -8.1	0.6 -1.0	-2.3 4.4	-0.5 1.8	-4.1 -9.7	-0.7 0.4	0.7 -1.9	0.4 -1.3	0.6 0.1	-2.6 -2.7
Nov	-1.2	-6.1	-1.0	4.4	-0.2	-9.7 9.6	-0.6	3.3	0.3	1.0	-2.7
Dec	0.9	-1.3	2.2	-4.3	-0.5	-1.2	3.9	2.8	3.4	0.8	-2.5
2017 Jan	-0.5 ⁺	1.2	^т -1.1	т 0.8	т 0.9 ^т	1.1 ^T	-1.0	T -3.6		-0.3 [†]	0.7
Feb Mar	-0.8 -0.5	-2.2 1.5	-0.3 -0.6	-3.4 -4.2	- 0.6	-2.8 2.1	1.3 -3.9	-1.5 0.8	0.4 -1.0	-0.4 -1.2	-2.7 -0.7
-	nge, latest 3 mo		-	-							
2015 Jan Feb	1.2 1.0	0.6 -0.1	2.4 1.6	-2.8 2.2	-3.3 -3.5	-1.7 -3.3	8.6 6.0	2.1 0.8	2.7 1.5	2.8 2.9	-2.3 -0.7
Mar	1.2	1.6	1.1	3.8	-1.9	-0.6	3.3	1.2	-0.4	2.6	1.5
Apr	1.2	2.3	0.6	4.4	0.9	1.0	1.9	-0.8	-	2.6	2.3
May	1.4	5.9	0.3	2.5	3.0	7.2	2.5	-0.2	-0.6	1.4	4.0
Jun	1.5	9.3	-0.1	0.6	5.1	12.5	3.0	-0.9	-0.9	1.1	5.4
Jul	1.3 1.4	10.5 14.0	-0.4 -0.7	-1.2 -2.6	6.5 6.9	13.9	3.0 1.3	-0.1 -0.6	-2.1 -2.0	0.5 0.1	5.2 6.4
Aug Sep	1.4	14.0	-0.7	-2.0	5.8	18.3 17.7	-2.0	-0.8	-2.0	-0.8	7.0
Oct	1.7	12.9	-0.4	1.1	4.3	17.3	-3.9	1.0	-1.0	-0.9	8.0
Nov	1.3	10.1	-0.5	2.3	3.5	14.1	-4.2	1.1	-1.9	-1.1	7.3
Dec	0.7	9.3	-0.9	-1.3	4.9	13.9	-4.6	0.9	-2.3	-1.9	5.6
2016 Jan	0.2	6.7	-1.0	-3.7	6.6	11.7	-4.4	-0.1	-1.2	-2.5	3.3
Feb Mar	-	5.6 4.6	-1.0 -1.1	-5.6 -2.9	7.5 7.1	11.7 11.1	-3.7 -2.8	0.5 -0.1	-1.1 -0.5	-3.4 -3.8	2.1 2.9
Apr	0.6	4.0	-0.6	-2.5	5.6	10.4	-2.8	1.6	-0.6	-3.8	4.4
May	1.1	0.4	0.3	4.0	5.7	4.2	-0.5	1.4	1.3	-2.8	3.3
Jun	1.6	-0.9	1.2	5.1	5.0	1.9	-1.0	2.9	2.0	-2.2	2.8
Jul	1.6	1.2	1.1	2.8	4.5	4.6	-0.8	1.0	3.1	-1.8	3.2
Aug	1.4	2.0	1.0	1.7	4.3	5.6	-0.3	0.8	2.8	-1.9	3.0
Sep Oct	1.2 0.2	1.8 -3.8	0.9 0.5	-0.8 -1.4	4.9 6.0	5.4 -1.5	1.8 3.2	-0.3 -1.3	2.5 1.7	-1.1 -0.7	1.9 -1.5
Nov	0.2	-3.6	0.8	1.1	6.2	-1.5	2.4	-1.0	1.7	0.1	-0.4
Dec	1.9	-3.0	2.0	5.4	5.3	-0.8	3.2	0.6	2.7	1.3	1.7
2017 Jan	3.2 [†]	1.8			^T 4.3	4.4 [†]	3.4		3.6 ^T	1.9 [†]	5.0
	3.2 [⊤] 3.3 2.3	1.8 1.7 1.4	^T 2.8 3.2 2.6	T 7.5 5.6 0.5	[™] 4.3 3.5 3.5	4.4 [†] 3.4 1.9	3.4 5.4 4.9	[†] 2.1 1.0 [†] -0.3	3.6 ⁺ 5.4 5.5	1.9 [⊤] 2.4 1.9	5.0 3.8 1.1

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

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.

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

			Broad ind	ustry groups				Ma	in industrial groupi	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	Energ
ection	B+C+D+E	В	С	D	E	06	MIG-CD	MIG-CND	MIG-CAG	MIG-IG	MG-NR
atest weight	1 000.0	120.4	700.4	104.5	74.7	96.2	52.1	208.2	235.8	254.6	232.
	K222	K224	K22A	K248	K24C	K226	K24Q	K24R	K24S	K24O	K24
ercentage cha	nge, latest 3 mo	nths on previo	ous 3 months ²								
015 Jan	0.3	0.2	0.4	-0.1	0.2	-0.7	2.0	0.5	-	0.8	-0.
Feb	0.2	-0.4	-	2.9	-0.7	-1.4	-0.2	-	-1.2	1.2	0.
Mar	0.4	1.8	-0.1	2.1	0.5	2.0	-2.6	0.4	-2.2	1.3	2.
Apr	0.6	3.6		0.1	2.6	5.0	-3.9	-0.4	-0.7	0.9	2.
May	0.8	7.6	-0.2	-2.2	3.6	11.3	-2.6	0.5	-0.7	-0.5	3
Jun	0.6	8.1	-0.5	-2.5	4.0	12.0	-0.2	-1.1	0.5	-1.1	3
Jul	0.2	6.6	-1.1	-0.7	3.3	9.4	0.9	-0.3	-1.4	-1.6	3
Aug		3.4	-0.9	0.3	2.3	4.4	0.7	-1.4	-0.6	-0.8	2
Sep	0.1	1.7	-0.4	1.4		2.0	-1.6	0.7	-0.9	-1.1	1
Oct	0.6	2.0	0.4	1.9	-1.7	2.7	-2.9	1.2	1.1	-0.9	2
Nov	0.3	-0.6	0.6	1.3	-1.6	-0.4	-2.1	2.1	0.5	-1.0	0.
Dec	-0.4	-2.3	0.0	-2.2	0.5	-2.3	-0.3	0.9	0.3	-1.1	-1.
Dec	-0.4	-2.3	0.1	-2.2	0.5	-2.3	-0.3	0.9	0.3	-1.1	-1.
016 Jan	-1.2	-5.3	-0.2	-4.9	2.4	-5.3	1.5	-0.6	-0.1	-0.9	-4
Feb	-1.2	-4.4	-0.5	-5.0	3.2	-3.5	0.4	-0.6	-0.3	-1.2	-4.
Mar	-0.3	-2.6	-0.3	0.4	2.5	-0.6	-0.7	-0.6	-0.4	-0.7	-0.
Apr	1.0	1.3	0.3	5.1	1.7	3.7	-1.0	1.4	-0.1	-0.7	3.
May	2.0	2.2	1.2	7.7	1.8	3.9	0.5	1.4	1.7	0.2	4.
Jun	2.2	2.3	1.8	5.6	2.0	2.8	1.7	1.8	3.0	0.6	3.
Jul	1.1	3.4	0.6	0.9	2.2	3.7	1.6	-1.0	2.2	0.6	2.
Aug	0.3	5.1	-0.3	-2.0	1.0	5.8	0.9	-2.0	0.9	0.1	1.
Sep	-0.4	4.5	-0.7	-4.3	-0.1	5.5	1.2	-2.4	-0.4	-	0.
Oct	-0.8	-3.0	-0.2	-2.2	-0.4	-3.3	1.1	-1.1	-0.3	0.3	-2
Nov	-0.5	-6.1	0.4	0.8	0.2	-7.0	0.5	0.3	-0.5	1.0	-2
Dec	0.4	-6.9	1.2	4.0	0.9	-8.0	1.1	1.8	0.5	1.4	-2
017 Jan	1.9	0.1	T 2.0	т <u>3.7</u>	т 0.8	0.3 ^T	1.7	T 2.9 T	1.8 ^T	1.7 ^T	1.
Feb	1.4 ^T	0.9	1.9	-0.8	0.5	1.2	3.4	1.4	3.3	1.2	
Mar	0.1	1.8	0.3	-4.3	0.7	2.1	0.9	-1.5	2.3	-0.1	-1

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

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

					Seasonally a	djusted 2013 = 100
	Food products, beverages and tobacco	Textiles, wearing apparel and leather products	Wood and paper products and printing	Coke and refined petroleum products	Chemicals and chemical products	Basic pharmaceutica products and preparations
Section	CA	СВ	CC	CD	CE	CF
atest weight	114.2	25.4	51.0	9.2	39.8	58.7
·	K22B	K22P	K22T	K22X	K22Z	K239
2012	101.7	104.6	97.8	102.0	101.1	102.7
2013	100.0	100.0	100.0	100.0	100.0	100.0
2014	104.2	97.3	101.1	91.1	102.8 108.9	95.0
2015 2016	104.0 105.1	97.1 93.2	101.5 101.5	93.5 91.7	106.3	95.6 99.4
016 Q1	104.7	92.3	100.3	90.2	105.3	96.7
Q2	105.4	91.6	102.5	89.8	105.7	101.2
Q3 Q4	105.2 105.0	95.1 93.6	101.1 102.1	91.6 95.4	107.6 106.6	95.4 104.4
2017 Q1	105.1	99.4	104.5	92.9	108.2	94.8
2016 Jan	105.1	97.3	101.4	95.2	106.3	92.6
Feb	105.5	90.7	99.5	91.8	104.9	98.6
Mar	103.4	89.0	100.1	83.5	104.7	99.(107.1
Apr May	104.9 106.3	94.2 88.3	101.8 103.5	82.9 92.5	106.3 106.0	107.3 98.8
Jun	105.1	92.2	102.1	93.9	104.7	97.0
Jul	104.9	94.8	100.9	91.7	107.2	92.8
Aug Sep	105.1 105.7	95.4 95.2	101.2 101.2	89.2 93.9	106.6 109.0	95. ⁻ 98.2
Oct	104.6	92.7	100.8	95.7	107.0	94.8
Nov Dec	104.8 105.6	92.7 95.4	102.8 102.7	97.3 93.1	106.4 106.3	104.9 113.5
2017 Jan	104.3	96.5 ^T			109.3 ^T	99.0
Feb	105.1		103.1	91.5	107.0	93.
Mar	106.0	102.4	105.2	95.2	108.4	92.4
Percentage cha	nge, latest year or	n previous year				
2012 2013	-2.6 -1.7	-3.4 -4.4	-5.3 2.3	-10.1 -1.9	-1.9 -1.1	-5.8 -2.6
2014	4.2	-2.7	1.1	-8.9	2.8	-5.0
2015 2016	-0.1 1.0	-0.3 -4.1	0.4	2.7 -1.9	6.0 -2.4	0.6 4.0
		on same month a ye	ear ago			
015 Jan	2.5	-9.9	3.1	-2.7	4.9	7.7
Feb Mar	0.7 0.4	-5.1 -1.0	1.8 3.9	3.7 -7.3	10.4 7.3	-5.5 0.8
Apr	-1.3	-1.0 -3.0	3.9 2.4	-7.3	7.3 8.2	-7.1
May	-0.1	-6.5	-0.1	-6.3	3.4	6.0
Jun	-0.7	3.9	-1.0	-4.0	7.1	-2.2
Jul Aug	-1.0 -0.7	6.1 -3.5	-0.7 -2.7	9.6 9.3	5.2 8.6	-0.3 -1.1
Sep	0.6	2.4	-1.0	10.2	4.5	2.5
Oct Nov	-0.3 -0.4	6.8 2.8	-1.6 0.7	11.9 14.1	5.7 4.6	9. ⁻ -1.(
Dec	-0.4	6.8	0.7	2.9	2.4	-1.0
2016 Jan	0.2	5.5	-2.3	4.3	-2.4	-1.6
	1.0 -0.8	-6.4 -10.7	-3.2 -2.2	-2.8 -3.6	-6.0 -4.9	6.8 1.1
Feb	2.0	-4.4	-0.2	-3.4	-4.6	16.0
Feb Mar			2.8	7.8 12.2	-0.4 -2.8	-1.2 7.4
Feb Mar Apr May	3.2 2.2	-13.3 -8.6	2.5	12.2	-2.0	
Feb Mar Apr May Jun	2.2	-8.6	2.5			
Feb Mar Apr May Jun Jul Aug	2.2 1.5 1.0	-8.6 -4.0 5.5	2.5 0.8 0.6	-5.0 -7.8	-1.5 -2.1	-3.4 -0.5
Feb Mar Apr Jun Jun Jul Aug Sep	2.2 1.5 1.0 0.9	-8.6 -4.0 5.5 -1.4	2.5 0.8 0.6 -0.5	-5.0 -7.8 -4.7	-1.5 -2.1 0.1	-3.4 -0.5 0.5
Feb Mar Apr May Jun Jul Aug Sep Oct	2.2 1.5 1.0 0.9 -0.1	-8.6 -4.0 5.5 -1.4 -5.6	2.5 0.8 0.6 -0.5 -0.2	-5.0 -7.8 -4.7 -6.6	-1.5 -2.1 0.1 -1.6	-3. -0.! 0.! -5.
Feb Mar Apr Jun Jun Jul Aug Sep	2.2 1.5 1.0 0.9	-8.6 -4.0 5.5 -1.4	2.5 0.8 0.6 -0.5	-5.0 -7.8 -4.7	-1.5 -2.1 0.1	-3.4 -0.5
Feb Mar Apr May Jun Jul Aug Sep Oct Nov	2.2 1.5 1.0 0.9 -0.1 0.2	-8.6 -4.0 5.5 -1.4 -5.6 -3.4 -0.1 -0.9	2.5 0.8 0.6 -0.5 -0.2 -0.1	-5.0 -7.8 -4.7 -6.6 -5.8 -4.2	-1.5 -2.1 0.1 -1.6 -3.0	-3. -0. 0. -5. 11.

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

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

	Rubber and plastic products and non-metallic mineral products	Basic metals and metal products	Computer, electronic and optical products	Electrical equipment	Machinery and equipment not elsewhere classified	Transport equipment	Other manufacturing and repai
Section	CG	CH	CI	CJ	СК	CL	CN
atest weight	55.0	83.1	36.2	20.9	50.6	92.0	64.4
atest weight	K23B	K23G	K23N	K23P	K23R	K23T	K232
012	102.8	102.9	102.1	104.9	113.4	92.9	95.6
2013	100.0	100.0	100.0	100.0	100.0	100.0	100.0
014	113.1	101.5	103.9	96.8	104.3	103.5	105.
015 016	109.8 112.3	101.9 100.7	102.0 101.0	98.1 92.5	91.1 90.0	109.6 113.5	103. 107.
510	112.5	100.7	101.0	52.5	50.0	115.5	107.
016 Q1	111.2	101.3	98.3	94.2	88.1	109.8	106.
Q2	113.7	100.1	100.6	91.8	90.0	116.0	107.
Q3 Q4	111.9 112.5	100.2 101.2	101.0 104.2	89.9 93.9	90.4 91.4	113.9 114.1	107. 107.
017 Q1	112.1	99.0	103.4	94.5	95.2	117.8	110.
016 Jan	111.9	102.0	100.6	94.8	87.4	111.0	107.3
Feb	111.1	100.9	97.4	95.0	87.0	107.5	105.
Mar Apr	110.6 114.6	100.9 99.6	96.8 99.4	92.7 93.4	90.0 91.8	110.8 116.6	106. 106.
Apr May	114.6	99.6 100.4	99.4 101.5	93.4 90.0	91.8 89.6	116.5	106.
Jun	112.9	100.4	100.8	92.0	88.6	115.1	110.
Jul	111.8	100.5	100.4	89.7	89.9	113.1	108.
Aug	111.2	99.9	101.6	89.1	91.1	115.3	106.
Sep Oct	112.6 111.8	100.1 99.0	101.0 102.1	90.9 92.5	90.1 89.3	113.4 112.9	109. 107.
Nov	113.2	99.0 100.0	102.1	92.5 95.8	89.3 91.4	112.9	107.
Dec	112.6	104.7	108.7	93.4	93.5	115.3	109.
			T 4040 T	93.8	^т 93.6 ^т	118.4	[⊤] 109.
	113.0 ^T	100.4					
Feb Mar	111.7 111.5	99.8 96.8	104.9 104.9 100.3	93.8 95.9 93.8	96.1 96.0	118.5 116.5	111. 109.
Feb Mar Percentage c 012 013 014 015	111.7 111.5 hange, latest year or -4.2 -2.8 13.1 -3.0	99.8 96.8 96.8 96.8 96.8 2.9 -2.8 1.5 0.4	104.9 100.3 0.5 -2.1 3.9 -1.8	95.9 93.8 10.9 -4.7 -3.2 1.3	96.1 96.0 -11.8 4.3 -12.7	118.5 116.5 4.4 7.6 3.5 5.9	111. 109. -6. 4. 5. -1.
Feb Mar Percentage c 012 013 014 015 016	111.7 111.5 hange, latest year or -4.2 -2.8 13.1 -3.0 2.3	99.8 96.8 • previous year 2.9 -2.8 1.5 0.4 -1.2	104.9 100.3 0.5 -2.1 3.9 -1.8 -1.0	95.9 93.8 10.9 -4.7 -3.2	96.1 96.0 1.1 -11.8 4.3	118.5 116.5 4.4 7.6 3.5	111.
Feb Mar Percentage c 012 013 014 015 016 Percentage c	111.7 111.5 hange, latest year or -4.2 -2.8 13.1 -3.0 2.3 hange, latest month	99.8 96.8 • previous year 2.9 -2.8 1.5 0.4 -1.2 on same month a	104.9 100.3 0.5 -2.1 3.9 -1.8 -1.0 a year ag (95.9 93.8 10.9 -4.7 -3.2 1.3 -5.7	96.1 96.0 1.1 -11.8 4.3 -12.7 -1.2	118.5 116.5 4.4 7.6 3.5 5.9 3.5	111. 109. -6. 4. 5. -1. 3.
Feb Mar Percentage c 012 013 014 015 016 Percentage c	111.7 111.5 hange, latest year or -4.2 -2.8 13.1 -3.0 2.3	99.8 96.8 • previous year 2.9 -2.8 1.5 0.4 -1.2	104.9 100.3 0.5 -2.1 3.9 -1.8 -1.0	95.9 93.8 10.9 -4.7 -3.2 1.3	96.1 96.0 -11.8 4.3 -12.7	118.5 116.5 4.4 7.6 3.5 5.9	111. 109. -6. 4. 5. -1. 3.
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Mar Percentage c 2012 2013 2014 2015 2016 Percentage c 2015 Feb Mar Apr May Jun Jul Aug	111.7 111.5 hange, latest year or -4.2 -2.8 13.1 -3.0 2.3 hange, latest month 0.1 -0.5 -3.4 -3.1 -2.3 -3.6 -6.1	99.8 96.8 96.8 96.8 96.8 1.5 0.4 -1.2 on same month 1.5 3.5 3.7 3.1 0.5 3.0 0.1 -1.2	104.9 100.3 0.5 -2.1 3.9 -1.8 -1.0 a year ag -1.4 -0.7 0.9 -1.3 0.8 7.7 -0.5 -0.4	95.9 93.8 10.9 -4.7 -3.2 1.3 -5.7 -0.3 3.0 0.7 2.6 4.2 -3.0 -0.8 4.7	96.1 96.0 1.1 -11.8 4.3 -12.7 -1.2 -10.3 -9.9 -11.7 -9.9 -11.7 -9.3 -15.1 -14.7 -16.6 -12.8	118.5 116.5 116.5 4.4 7.6 3.5 5.9 3.5 5.9 3.5 6.4 6.5 4.3 3.9 7.8 3.3 2.7 10.7	111. 109. -6. 4. 5. -1. 3. -0. 1. 2. 1. 2. 1. 0. -0. -0. -0. -0. -0. -0. -0. -0. -0.
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Feb Mar Percentage c 012 013 014 015 016 Percentage c 015 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 016 Jan Feb Mar Apr May Jun Jul Aug Sep Oct May Jun Jun Jul Aug Sep Oct May Jun	111.7 111.5 hange, latest year or -4.2 -2.8 13.1 -3.0 2.3 hange, latest month 0.1 -0.1 -0.5 -3.4 -3.1 -2.3 -3.6 -6.1 -4.0 -4.3 -4.0 -4.3 -4.0 -4.5 1.0 0.3 -0.5 3.8 4.3 3.0 1.8 2.9 2.9 1.9 3.8	99.8 96.8 96.8 96.8 96.8 96.8 96.8 1.5 0.4 -1.2 0.4 -1.2 0.4 -1.2 0.4 -1.2 0.4 -1.2 0.4 -1.2 0.4 -1.2 0.5 3.0 0.1 -1.2 -1.4 -0.5 -3.6 -3.5 -3.5 -4.1 -3.2 -4.7 -4.1 -3.2 -4.8 -3.5 -4.8 0.8 -1.5 -4.8 0.8 -1.5 -4.8 -1.5 -4.8 -3.5 -3.7 -4.1 -4.12 -4.12 -4.14 -5.5 -3.5 -4.12 -1.2 -1.4 -1.2 -1.4 -1.5 -3.5 -3.5 -4.12 -1.2 -1.4 -1.2 -1.4 -1.5 -3.5 -3.5 -4.11 -3.5 -4.11 -3.5 -4.11 -3.5 -4.11 -3.5 -4.11 -3.5 -4.11 -3.5 -4.11 -3.5 -4.11 -3.5 -4.11 -3.5 -4.11 -3.5 -4.11 -3.5 -4.11 -3.5 -4.11 -3.5 -4.11 -3.5 -4.11 -3.5 -4.11 -3.5 -4.18 -3.5 -4.8 -4.20 -4.5 -4.5 -4.5 -4.5 -4.5 -4.5 -4.5 -4.5	104.9 100.3 0.5 -2.1 3.9 -1.8 -1.0 a year agr -1.4 -0.7 0.9 -1.3 0.8 7.7 -0.5 -0.4 -6.4 -4.2 -5.8 -9.4 -1.7 -3.3 -5.7 -3.1 0.6 -6.2 -1.7 -0.3 -0.7 1.9 2.4	95.9 93.8 10.9 -4.7 -3.2 1.3 -5.7 -0.3 3.0 0.7 2.6 4.2 -3.0 -0.8 4.7 2.5 6.6 -0.2 -3.5 -2.0 -3.4 -6.7 -6.7 -6.7 -7.7 -8.7 -8.7 -8.9 -5.6 -1.2	96.1 96.0 1.1 -11.8 4.3 -12.7 -1.2 -10.3 -9.9 -11.7 -9.3 -15.1 -14.7 -16.6 -12.8 -12.9 -14.6 -13.1 -11.6 -13.1 -11.6 -6.8 -9.0 -4.1 -4.0 -0.8 -2.0 1.4 2.0 -0.9 1.9 4.5	118.5 116.5 116.5 116.5 116.5 116.5 116.5 1.9 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5	111. 109. -6. 4. 5. -1. 3. -0. 1. 2. 1. 0. -0. 2. 1. -0. 2. 1. -0. 2. 5. 5. 4. 9. 1.
Feb Mar ercentage c 012 013 014 015 016 ercentage c 015 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 016 Jan Feb Mar Apr May Jun Jul Aug Sep Oct	111.7 111.5 hange, latest year or -4.2 -2.8 13.1 -3.0 2.3 hange, latest month 0.1 -0.5 -3.4 -3.1 -2.3 -3.6 -6.1 -4.0 -4.3 -3.6 -6.1 -4.0 -4.5 1.0 0.3 -0.5 -3.8 4.3 3.0 1.8 2.9 2.9 1.9	99.8 96.8 96.8 1.5 0.4 -1.2 on same month 1.5 3.5 3.7 3.1 0.5 3.0 0.1 -1.2 -1.4 -0.5 -3.6 -3.5 -3.6 -3.5 -1.7 -4.1 -3.2 -4.8 0.8 -1.8 0.8 -1.2 -4.8 0.8 -1.2 -4.8 0.8 -1.2 -4.8 0.8 -1.2 -4.8 -1.2 -4.8 -1.2 -4.8 -1.2 -4.8 -1.2 -4.8 -1.2 -4.8 -3.5 -4.8 -3.5 -4.17 -4.12 -3.6 -3.5 -3.5 -3.5 -3.5 -3.5 -3.5 -3.5 -3.5	104.9 100.3 0.5 -2.1 3.9 -1.8 -1.0 a year ag -1.4 -0.7 0.9 -1.3 0.8 7.7 -0.5 -0.4 -6.4 -4.2 -5.8 -9.4 -1.7 -3.3 -5.7 -3.1 0.6 -6.2 -1.7 -0.3 -0.7 1.9	95.9 93.8 10.9 -4.7 -3.2 1.3 -5.7 -0.3 3.0 0.7 2.6 4.2 -3.0 -0.8 4.7 2.5 6.6 4.2 -3.0 -0.8 4.7 2.5 6.6 -0.2 -3.5 -2.0 -3.4 -6.7 -6.7 -7.7 -8.7 -6.7 -5.6	96.1 96.0 1.1 -11.8 4.3 -12.7 -1.2 -10.3 -9.9 -11.7 -9.3 -15.1 -14.7 -16.6 -12.8 -12.8 -12.8 -12.9 -14.6 -13.1 -11.6 -6.8 -9.0 -4.1 -4.0 -0.8 -2.0 1.4 2.0 -0.9 1.9	118.5 116.5 116.5 116.5 116.5 116.5 116.5 1.9 3.5 5.9 3.5 6.4 6.4 6.5 4.3 3.9 7.8 3.3 2.7 10.7 7.0 8.9 9.4.8 4.4 4.4 4.3 -0.4 3.4 8.3 5.8 4.9 5.2 3.0 0 1.9 -0.5	111. 109. -6. 4. 5. -1. 3. -0. 1. 2. 1. 2. 1. 2. 1. -0. -0. -0. -0. -0. -0. -0. -0. -0. -0
Feb Mar Percentage c 012 013 014 015 016 Percentage c 015 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 016 Jan Feb Mar Apr May Jun Jul Aug Sep Oct May Jun Jun Jul Aug Sep Oct May Jun	111.7 111.5 hange, latest year or -4.2 -2.8 13.1 -3.0 2.3 hange, latest month 0.1 -0.1 -0.5 -3.4 -3.1 -2.3 -3.6 -6.1 -4.0 -4.3 -4.0 -4.3 -4.0 -4.5 1.0 0.3 -0.5 3.8 4.3 3.0 1.8 2.9 2.9 1.9 3.8	99.8 96.8 96.8 96.8 96.8 96.8 96.8 1.5 0.4 -1.2 0.4 -1.2 0.4 -1.2 0.4 -1.2 0.4 -1.2 0.4 -1.2 0.4 -1.2 0.5 3.0 0.1 -1.2 -1.4 -0.5 -3.6 -3.5 -3.5 -4.1 -3.2 -4.7 -4.1 -3.2 -4.8 -3.5 -4.8 0.8 -1.5 -4.8 0.8 -1.5 -4.8 -1.5 -4.8 -3.5 -3.7 -4.1 -4.12 -4.12 -4.14 -5.5 -3.5 -4.12 -1.2 -1.4 -1.2 -1.4 -1.5 -3.5 -3.5 -4.12 -1.2 -1.4 -1.2 -1.4 -1.5 -3.5 -3.5 -4.11 -3.5 -4.11 -3.5 -4.11 -3.5 -4.11 -3.5 -4.11 -3.5 -4.11 -3.5 -4.11 -3.5 -4.11 -3.5 -4.11 -3.5 -4.11 -3.5 -4.11 -3.5 -4.11 -3.5 -4.11 -3.5 -4.11 -3.5 -4.11 -3.5 -4.11 -3.5 -4.18 -3.5 -4.8 -4.20 -4.5 -4.5 -4.5 -4.5 -4.5 -4.5 -4.5 -4.5	104.9 100.3 0.5 -2.1 3.9 -1.8 -1.0 a year ag -1.4 -0.7 0.9 -1.3 0.8 7.7 -0.5 -0.4 -6.4 -4.2 -5.8 -9.4 -1.7 -3.3 -5.7 -9.4 -1.7 -3.3 -5.7 -3.1 0.6 -6.2 -1.7 -0.3 -0.7 -1.9 -2.4 6.5	95.9 93.8 10.9 -4.7 -3.2 1.3 -5.7 -0.3 3.0 0.7 2.6 4.2 -3.0 -0.8 4.7 2.5 6.6 -0.2 -3.5 -2.0 -3.4 -6.7 -6.7 -6.7 -7.7 -8.7 -8.7 -8.9 -5.6 -1.2	96.1 96.0 1.1 -11.8 4.3 -12.7 -1.2 -10.3 -9.9 -11.7 -9.3 -15.1 -14.7 -16.6 -12.8 -12.8 -12.9 -14.6 -13.1 -11.6 -6.8 -9.0 -4.1 -4.0 -0.8 -2.0 1.4 2.0 -0.9 1.9 4.5 4.7	118.5 116.5 116.5 116.5 116.5 116.5 116.5 1.9 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5 3.5	111. 109. -6. 4. 5. -1. 3. -0. 1. 2. 1. 2. 1. 2. 1. -0. -0. -0. -0. -0. -0. -0. -0. -0. -0

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

Continued Output of the Production Industries

						Basi
	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	pharmaceutica products and preparation
Section	CA	CB	CC	CD	CE	CI
atest weight	114.2	25.4	51.0	9.2	39.8	58.
	K22B	K22P	K22T	K22X	K22Z	K239
ercentage cha	ange, latest month	on previous month				
015 Jan	-1.1	3.1	3.8	-3.4	5.0	-1.5
Feb	-0.3	5.0	-1.0	3.5	2.5	-2.1
Mar	-0.2 -1.3	2.9 -1.1	-0.5 -0.3	-8.3 -1.0	-1.2 1.2	6.0 -5.5
Apr May	0.1	3.4	-0.3	-1.0	-4.5	-5.
Jun	-0.2	-1.0	-1.0	-2.4	1.3	-9.2
Jul	0.6	-2.0	0.4	15.3	1.0	5.3
Aug	0.6	-8.4	0.4	0.3	0.1	-0.5
Sep	0.7	6.7	1.1	1.8	-	1.8
Oct	-0.1	1.8	-0.6	4.1	-0.2	3.4
Nov Dec	-0.1 -0.1	-2.3 -0.5	1.8 -2.0	0.8 -5.9	0.9 -3.2	-6.0 1.3
016 Jan Feb	0.5 0.5	1.9 -6.8	0.6 -1.9	-2.1 -3.6	0.1 -1.3	-3.2
Mar	-2.0	-0.0 -1.9	-1.9	-3.6 -9.0	-0.1	0.4
Apr	1.5	5.9	1.8	-0.7	1.5	8.4
May	1.3	-6.2	1.6	11.5	-0.3	-7.9
Jun	-1.1	4.4	-1.3	1.5	-1.2	-1.2
Jul	-0.2	2.8	-1.2	-2.3	2.4	-4.9
Aug	0.1	0.6	0.3	-2.7	-0.5	2.4
Sep	0.6	-0.2	-	5.2	2.2	3.2
Oct Nov	-1.0 0.2	-2.6 0.1	-0.3 1.9	2.0 1.6	-1.9 -0.5	-3.4 10.0
Dec	0.2	2.8		-4.3	-0.5	8.2
017 Jan	-1.3	т 1.2 т	2.4	т -1.1 ^т	2.8 ^T	-12.
Feb	0.8	3.0	-2.0	-0.6	-2.1	-6.0
Mar	0.8	3.0	2.1	4.1	1.3	-0.8
ercentage cha	ange, latest 3 mon	hs on same 3 mont	hs a vear ago			
015 Jan	•			-5.6	2.4	0.1
Feb	4.7 2.9	-9.6 -8.2	2.0 1.4	-5.6 -3.5	3.4 5.5	-0.3 -1.5
Mar	1.2	-5.4	2.9	-3.5	7.5	-1.
Apr	-0.1	-3.0	2.7	-3.8	8.6	-4.0
May	-0.4	-3.6	2.0	-7.1	6.3	-0.2
Jun	-0.7	-2.0	0.4	-6.1	6.2	-1.3
Jul	-0.6	0.8	-0.6	-0.3	5.2	1.:
Aug	-0.8	2.2	-1.5	5.0	7.0	-1.:
Sep	-0.4	1.7	-1.5	9.7	6.1	0.4
Oct	-0.1	1.9 4.0	-1.8	10.5	6.2 4.9	3.4
Nov Dec	-0.7	4.0 5.4	-0.6	12.1 9.6	4.9	3. 2.
016 Jan	-0.5	5.0	-0.3	7.1	1.5	-0.9
Feb	-0.5	1.8	-0.5	1.4	-2.1	-0
Mar	0.1	-4.1	-2.6	-0.7	-4.4	2.0
Apr	0.7	-7.2	-1.9	-3.3	-5.2	7.8
May	1.5	-9.5	0.1	0.2	-3.4	5.
Jun	2.5	-8.8	1.7	5.5	-2.7	7.
Jul	2.3	-8.7	2.0	4.5	-1.6	0.0
Aug Sep	1.6 1.1	-2.6 -0.1	1.3 0.3	-0.8 -5.8	-2.1 -1.2	1. -1.
Oct	0.6	-0.1	0.3	-5.6 -6.4	-1.2	-1.8
Nov	0.3	-3.5	-0.3	-5.7	-1.5	1.9
Dec	0.4	-3.1	0.5	-5.6	-1.5	7.
)17 Jan	0.2	-1.4 ^T		-4.5	_ T	
Feb	-	2.7	3.1		1.7	6.
Mar	0.4	7.7	4.2	3.1	2.8	-1.9

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

Chained volume indices of gross value added¹

	Rubber and plastic products and non-metallic mineral products	Basic metals and metal products	Computer, electronic and optical products	Electrical equipment	Machinery and equipment not elsewhere classified	Transport equipment	Othe manufacturing and repa
ection	CG	СН	CI	CJ	СК	CL	CM
atest weight	55.0	83.1	36.2	20.9	50.6	92.0	64.
0	K23B	K23G	K23N	K23P	K23R	K23T	K23
ercentage ch	nange, latest month o	on previous mont	th				
015 Jan	-3.5	1.7	-9.1	-2.8	-7.2		1.
Feb Mar	- 0.4	1.4 -0.9	-1.5 1.9	1.7 1.0	1.9 -1.7	1.5 -0.7	-0. 1.
Apr	-0.8	0.3	1.9	0.1	1.8	0.5	0.
May	-1.3	-4.5	-1.7	-0.9	-5.5	2.0	-2.
Jun	0.6	5.5	6.5	-	0.1	-0.2	0.
Jul	0.2	-5.4	-5.0	-1.5	-1.9	-2.0	-2.
Aug	-1.6	2.2	-0.2	0.4	0.7	4.1	-1.
Sep	1.2	-1.4	-0.2	2.3	1.8	-0.5	3.
Oct	0.3	-0.2	-1.4	-1.8	-3.5	1.9	-6.
Nov	-0.6	-1.1	-0.6	-1.0	-0.1	-1.8	6.
Dec	0.5	-0.7	2.4	-1.0	2.1	-0.2	-0.
016 Jan	2.1	3.6	-1.4	-1.2	-2.2	-0.1	3.
Feb	-0.7	-1.0	-3.1	0.2	-0.4	-3.2	-1.
Mar	-0.4 3.5	- -1.3	-0.6 2.7	-2.4 0.8	3.5 2.0	3.1 5.3	0. -0.
Apr May	-0.9	0.7	2.1	-3.7	-2.4	-0.3	-0.
Jun	-0.5	-0.1	-0.7	2.2	-1.1	-1.0	3.
Jul	-1.0	0.2	-0.4	-2.5	1.5	-1.8	-1.
Aug	-0.5	-0.6	1.2	-0.6	1.3	1.9	-1.
Sep	1.2	0.1	-0.6	2.0	-1.1	-1.6	2.
Oct	-0.7	-1.1	1.1	1.8	-0.8	-0.5	-1.
Nov	1.3	1.0	-0.2	3.6	2.4	1.2	-2.
Dec	-0.6	4.6	6.6	-2.5	2.3	0.9	3.
017 Jan	0.4 ^T	-4.1	т -3.5 ^т	0.4		2.8	
Feb Mar	-1.2 -0.1	-0.7 -3.0	-4.5	2.2 -2.2	2.6 -0.1	0.1 -1.7	1. -1.
					-		
ercentage ch	nange, latest 3 month	ns on same 3 moi	nths a year ago				
)15 Jan Feb	6.1 3.2	0.6 1.4	6.9 4.2	0.1 1.6	-3.8 -7.2	6.7 7.6	2. 0.
Mar	-0.2	2.9	-0.4	1.0	-7.2	5.7	0. 1.
Apr	-0.2	3.4	-0.4	2.1	-10.8	4.9	2.
May	-2.3	2.4	0.1	2.5	-12.0	5.3	1.
Jun	-2.9	2.2	2.4	1.2	-13.1	5.0	0.
Jul	-3.0	1.2	2.6	0.1	-15.5	4.6	-1.
Aug	-4.0	0.6	2.2	0.2	-14.7	5.5	-4.
Sep	-4.6	-0.8	-2.5	2.1	-14.1	6.8	-4.
Oct	-4.8	-1.0	-3.7	4.5	-13.4	8.9	-6.
Nov Dec	-4.1 -4.2	-1.8 -2.5	-5.5 -6.5	2.9 0.8	-13.5 -13.1	6.9 6.0	-4. -4.
)16 Jan Fob	-2.5	-2.9	-5.7	-1.9	-10.6	4.5	-0.
Feb Mar	-1.1 0.3	-3.1 -3.0	-5.0 -3.6	-3.0 -4.0	-9.2 -6.6	2.8 2.4	1. 1.
Apr	1.2	-3.0	-3.0	-4.0	-5.7	3.8	0.
May	2.5	-4.0	-4.0	-7.1	-3.0	5.8	0.
Jun	3.7	-3.1	-3.0	-7.2	-2.3	6.3	2.
Jul	3.0	-1.2	-2.5	-7.7	-0.5	5.3	4.
Aug	2.6	-2.0	-2.8	-7.7	0.5	4.4	5
Sep	2.5	-0.4	-0.9	-8.4	0.9	3.4	5.
Oct	2.6	-1.1	0.3	-7.7	1.0	1.5	6.
Nov	2.8	-0.2	1.2	-5.3	1.8	1.3	5.
Dec	2.8	2.0	3.6	-3.2	3.7	1.9	5.
)17 Jan	2.5	1.9		-1.7		4.3	2.
	4 A T	10	0.0		7.4		
Feb Mar	1.4 ⁺ 0.8	1.2 -2.3	6.2 5.2	-1.0 0.3	7.4 8.0	6.8 7.3	4.

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

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

						P .
	Food products, beverages and tobacco	Textiles, wearing apparel and leather products	Wood and paper products and printing	Coke and refined petroleum products	Chemicals and chemical products	Basic pharmaceutica products and preparations
Section	CA	CB	CC	CD	CE	CF
_atest weight	114.2	25.4	51.0	9.2	39.8	58.7
, i i i i i i i i i i i i i i i i i i i	K22B	K22P	K22T	K22X	K22Z	K239
Percentage cha	ange, latest 3 mon	ths on previous 3 m	onths			
2015 Jan	0.6	-1.8	-0.9	2.5	3.3	0.6
Feb	0.3	-0.4	-0.3	3.2	3.9	
Mar	-0.8	5.1	1.4	-1.5	6.2	0.5
Apr	-1.3	7.3	0.4	-3.4	5.0	-0.9
May	-1.7	7.7	-0.5	-7.8	1.2	2.9
Jun	-1.6	4.3	-2.1	-6.3	-1.5	-0.4
Jul	-0.8	2.2	-2.2	-0.4	-3.0	1.5
Aug	0.1	-3.3	-1.5	7.3	-0.8	-2.7
Sep	1.2	-5.1	-	14.3	0.3	1.9
Oct	1.4	-5.4	0.9	12.0	1.1	2.2
Nov	1.3	0.2	1.7	9.9	0.5	3.4
Dec	0.5	1.4	0.8	3.9	-0.7	0.6
2016 Jan	0.2	1.3	0.6	-0.7	-1.3	-3.6
Feb	0.3	-2.5	-1.3	-6.6	-3.0	-1.9
Mar	-	-4.4	-1.2	-10.7	-2.7	-0.2
Apr	-0.1	-5.2	-1.2	-12.7	-1.9	7.8
May	-0.2	-4.2	1.2	-8.9	-0.1	6.4
Jun	0.8	-0.8	2.1	-0.5	0.3	4.7
Jul	0.8	0.5	1.7	7.7	0.6	-5.1
Aug	0.1	4.0	-0.4	6.2	0.5	-6.4
Sep	-0.2	3.9	-1.4	2.1	1.8	-5.8
Oct	-0.3	2.9	-1.1	0.3	1.5	-0.4
Nov	-	-0.6	0.2	4.4	1.2	4.3
Dec	-0.2	-1.6	1.0	4.1	-1.0	9.5
2017 Jan	-0.2	0.5 ^T	2.5	1.3	-0.2	10.2
Feb	-	3.8	2.1	-3.6 ^T	0.1 ^T	2.0
Mar	0.1	6.2	2.3	-2.5	1.5	-9.2

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

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

	Rubber and plastic products and non-metallic mineral products	Basic metals and metal products	Computer, electronic and optical products	Electrical equipment	Machinery and equipment not elsewhere classified	Transport equipment	Other manufacturing and repai
Section	CG	СН	CI	CJ	СК	CL	CN
Latest weight	55.0	83.1	36.2	20.9	50.6	92.0	64.4
	K23B	K23G	K23N	K23P	K23R	K23T	K232
Percentage cl	hange, latest 3 mont	hs on previous 3	months				
2015 Jan	-1.3	1.0	1.6	3.9	-4.5	3.2	-1.4
Feb	-1.7	1.9	-1.0	2.8	-5.6	2.0	-2.6
Mar	-3.0	2.6	-5.3	2.0	-7.0	1.5	-1.0
Apr	-2.0	1.8	-4.5	1.2	-3.5	1.2	
May	-1.7	-0.8	-3.0	0.9	-3.6	1.3	1.0
Jun	-1.2	-1.1	1.8	0.8	-2.5	1.8	-0.4
Jul	-1.2	-2.9	1.5	-0.9	-5.5	1.3	-2.5
Aug	-0.9	-0.6	1.7	-1.4	-4.1	1.3	-3.3
Sep	-0.5	-2.6	-1.7	-0.7	-2.7	1.0	-2.6
Oct	-0.4	-0.8	-2.2	0.3	-0.6	2.9	-2.2
Nov	0.2	-2.3	-3.2	0.5	-0.9	2.2	-0.1
Dec	0.4	-1.3	-1.3	-1.2	-1.6	1.6	-0.2
2016 Jan	1.0	-0.9	-0.5	-2.5	-1.3	-0.9	4.0
Feb	1.3	0.6	-0.5	-3.0	-0.9	-1.9	3.4
Mar	1.6	2.0	-2.3	-2.9	-	-2.0	4.5
Apr	1.7	0.6	-2.8	-2.3	1.7	0.4	1.1
May	1.9	-0.1	-0.7	-3.4	2.9	4.3	0.7
Jun	2.2	-1.2	2.4	-2.5	2.1	5.7	0.9
Jul	0.6	-0.1	3.1	-3.4	-0.3	2.8	2.0
Aug	-0.8	-0.1	1.7	-1.9	-0.7	-0.1	1.6
Sep	-1.6	0.1	0.4	-2.1	0.4	-1.8	0.3
Oct	-0.8	-0.7	0.7	0.3	0.9	-0.8	-0.6
Nov	0.5	-0.5	0.7	3.1	0.5	-0.8	-0.8
Dec	0.6	1.1	3.2	4.5	1.2	0.2	-0.5
2017 Jan	1.0	2.1	т 3.5 ^т	3.9	т 3.0 ^т	1.9	т 0.3
Feb	-0.1 ^T	1.9	4.4	1.4	4.6	3.4	2.5
Mar	-0.4	-2.2	-0.8	0.6	4.1	3.2	2.8

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



Revisions to Output of the Production Industries, March 2017

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

Enquiries

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

			Broad ind	ustry groups				Mai	n industrial group	Seasonally adjust bings	
	Deschustion			Electricity,	Water supply, sewerage and	Oil and see	0			-	
	Production industries	Mining and quarrying	Manufacturing	gas, steam and air conditioning	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	MG-NRC
Latest weigh	nt 1 000.0	120.4	700.4	104.5	74.7	96.2	52.1	208.2	235.8	254.6	232.7
	K222	K224	K22A	K248	K24C	K226	K24Q	K24R	K24S	K24O	K241
2012	-	-	-	-	-	-	-		-		
2013 2014	-	-	-	-		-	-			-	
2015 2016	-	-	-	-		-	-	-		-	
2010	-	-	-	-	-	-	-	-	-	-	
2015 Q4	-	-	-	-	-	-	-	-	-	-	
2016 Q1	-	-	-	-	-	-	-	-	-	-	
Q2 Q3	-		-		-	-				-	
Q4	-	-	-	-	-	-	-	-	-	-	
2015 Dec				-	-	-		-	-	-	
2016 Jan	-			-			-				
Feb	-	-	-	-	-	-	-	-	-		
Mar Apr	-		-		-	-		-		-	
May Jun		-	-	-		-	-	-	-	-	
Jul	-	-	-	-	-	-	-	-	-		
Aug Sep	-	-	-						-	-	
Oct	-	-	-	-	-	-	-	-	-	-	
Nov Dec	-	-	-	-	-	-	-	-	-	-	
2017 Jan Feb	-0.2 -0.4	-0.4 -0.7	-0.1 -0.3	-1.1 -1.0	-0.2 0.3	-0.5 -0.8	-0.5 -0.4	0.1 -0.4	-0.1 0.2	-0.2 -0.6	-0.7 -0.8
Percentage	e change, latest year	on previous ye	ar								
2012	-	-	-	-	-	-	-	-	-		
2013 2014	-	-	-	-	-	-			-	-	
2015 2016	-	-	-		-	-	-		-	-	
Percentage	change, latest mon	th on same mo	nth a year ago								
2014 Dec	-	-	-	-	-	-	-	-	-	-	
2015 Jan	-	-	-	-	-	-	-		-		
Feb Mar	-	-	-	-	-	-	-		-	-	
Apr	-	-	-	-	-	-	-	-	-	-	
May Jun	-	-	-		-	-	-		-		
Jul											
Aug	-	-	-	-	-	-	-	-		-	
Sep Oct	-	-	-	-	-	-	-		-	-	
Nov Dec	-	-	-	-	-	-	-	-	-		
	-									-	
2016 Jan Feb	-		-	-	-	-	-			-	
Mar Apr	-	-	-	-	-	-	-	-	-	-	
May	-			-	-		-			-	
Jun	-	-		-		-	-	-	-	-	
Jul Aug	-	-	-		-	-	-	1			
Sep	-	-	-	-	-	-	-	-	-		
Oct Nov	-	-	-	-	-	-	-	-	-	-	
Dec	-	-	-	-			-	-	-	-	
2017 Jan Feb	-0.2 -0.3	-0.4 -0.6	-0.1 -0.3	-1.2 -1.1	-0.2 0.3	-0.5 -0.7	-0.4 -0.4	-0.4	-0.2 0.1	-0.2 -0.6	-0.6 -0.7

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

Output of the Production Industries Chained volume indices of dross value added¹

continued			Broad ind	ustry groups				Ма	in industrial group	Seasonally adjust ings	
	Production	Mining and		Electricity, gas, steam and	waste	Oil and gas	Consumer	Consumer		Intermediate	_
O antina	industries	quarrying	Manufacturing	air conditioning D	management	extraction	durables	non-durables	Capital goods	goods	Energy
Section	B+C+D+E	В	C			06	MIG-CD	MIG-CND	MIG-CAG	MIG-IG	MG-NRG
Latest weight	1 000.0 K222	120.4 K224	700.4 K22A	104.5	74.7 K24C	96.2 K226	52.1	208.2	235.8 K24S	254.6 K24O	232.7 K24T
Percentage cha				K248	K240	N220	K24Q	K24R	K243	K24U	K241
2014 Dec	nge, latest mom	in on previous	. monui								
2014 Dec 2015 Jan	-	-	-	-	-	-	-	-	-	-	-
Feb	-	-	-	-	-	-		-		-	-
Mar Apr	-		-	-	-	-	-	-	-	-	
May	-	-	-	-	-	-	-	-	-	-	-
Jun	-	-	-	-	-	-	-	-	-	-	-
Jul	-	-	-	-	-	-	-	-	-	-	-
Aug Sep	-		-	-	-	-	-	-	-		-
Oct	-	-	-	-	-	-	-	-	-	-	-
Nov Dec	-		-	-	-	-	-	-	-		-
2016 Jan Feb	-		-	-	-	-		-	-	-	
Mar	-	-	-	-	-	-	-	-	-	-	-
Apr May	-		-	-	-	-		-	-	-	
Jun	-	-	-	-	-	-	-	-	-	-	-
Jul	-		-	-	-	-	-	-		-	-
Aug Sep	-	-	-	-	-	-	-	-	-	-	
Oct	-	-	-	-	-	-	-	-	-	-	-
Nov Dec	-	-		-			-	-	-	-	1
2017 Jan Feb	-0.2 -0.1	-0.4 -0.2	-0.1 -0.2	-1.1	-0.1 0.4	-0.4 -0.2	-0.4 0.1	0.1 -0.5	-0.2 0.2	-0.2 -0.4	-0.6 -0.1
Percentage cha	nge, latest 3 mo	nths on same	3 months a yea	r ago							
2014 Dec		-		-		-	-	-	-	-	-
2015 Jan	-		-	-	-	-		-			-
Feb	-	-	-	-	-	-	-	-	-	-	-
Mar Apr	-	-	-	-	-	-		-	-	-	
May	-	-	-	-	-	-	-	-	-	-	-
Jun	-	-	-	-	-	-		-	-	-	-
Jul Aug	-		-	-	-	-		-	-	-	
Sep	-	-	-	-	-	-	-	-	-	-	-
Oct Nov							:				
Dec	-	-	-	-	-	-	-	-	-	-	-
2016 Jan	-		-	-	-					-	
Feb	-	-	-	-	-	-	-	-	-	-	-
Mar Apr	-	-	-	-	-	-		-	-	-	
May Jun	-	-	-	-	-	-	-	-	-	-	
Jul	-	-	-	-	-	-	-	-	-	-	-
Aug Sep	-		-	-	-				-	-	
Oct	-	-	-	-	-	-	-	-	-	-	-
Nov Dec	-	-	-	-	-		-			-	1
2017 Jan	-0.1	-0.1	-0.1	-0.4		-0.1	-0.1	-	-0.1	-0.1	-0.2
Feb	-0.2	-0.4	-0.2	-0.8		-0.4	-0.3	-0.1	-	-0.3	-0.5

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

Output of the Production Industries Chained volume indices of cross value added¹

		Broad industry groups						Main industrial groupings				
	Production industries	Mining and quarrying	Manufacturing	Electricity, gas, steam and air conditioning	Water supply, sewerage and waste management	Oil and gas extraction	Consumer durables	Consumer non-durables	Capital goods	Intermediate goods	Energy	
ection	B+C+D+E	В	С	D	E	06	MIG-CD	MIG-CND	MIG-CAG	MIG-IG	MG-NRC	
atest weight	1 000.0	120.4	700.4	104.5	74.7	96.2	52.1	208.2	235.8	254.6	232.7	
	K222	K224	K22A	K248	K24C	K226	K24Q	K24R	K24S	K24O	K241	
ercentage cha	nge, latest 3 mo	nths on previo	ous 3 months									
014 Dec	-	-	-	-	-	-	-	-	-	-		
015 Jan	-	-	-	-	-	-	-	-	-	-		
Feb	-	-	-	-	-	-	-	-	-	-		
Mar	-	-	-	-	-	-	-	-	-	-		
Apr	-	-	-	-	-	-	-	-	-	-		
May Jun	-	-	-	-	-	-	-	-	-	-		
Jun	-	-	-	-	-	-	-	-	-	-		
Jul	-	-	-	-	-	-	-	-	-	-		
Aug	-	-	-	-	-	-	-	-	-	-		
Sep	-	-	-	-	-	-	-	-	-	-		
Oct	-	-	-	-	-	-	-	-	-	-		
Nov	-	-	-	-	-	-	-	-	-	-		
Dec	-	-	-	-	-	-	-	-	-	-		
016 Jan	-	-		-	-	-	-	-	-	-		
Feb	-	-	-	-	-	-	-	-	-	-		
Mar	-	-	-	-	-	-	-	-	-	-		
Apr	-	-	-	-	-	-	-	-	-	-		
May	-	-	-	-	-	-	-	-	-	-		
Jun	-	-	-	-	-	-	-	-	-	-		
Jul	-	-	-	-	-	-	-	-	-			
Aug	-	-	-	-	-	-	-	-	-	-		
Sep	-	-	-	-	-	-	-	-	-	-		
Oct	-	-	-	-	-	-	-	-	-	-		
Nov	-	-	-	-	-	-	-	-	-	-		
Dec	-	-	-	-	-	-	-	-	-	-		
017 Jan Feb	-0.2	-0.2 -0.4	-0.1 -0.2	-0.4 -0.7	-	-0.2 -0.4	-0.1 -0.2	0.1 -0.1	-0.1	-0.1 -0.2	-0.3 -0.4	

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

Output of the Production Industries

						idjusted 2013 = 100
	Food products, beverages and tobacco	Textiles, wearing apparel and leather products	Wood and paper products and printing	Coke and refined petroleum products	Chemicals and chemical products	Basic pharmaceutical products and preparations
Section	CA	СВ	CC	CD	CE	CF
atest weight	114.2	25.4	51.0	9.2	39.8	58.7
Latoot Wolght	K22B	K22P	K22T	K22X	K22Z	K239
2012 2013	-	-	-	-	-	-
014	-	-	-	-	-	-
2015 2016	-	-	-	-	-	-
010						
015 Q4 016 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3 Q4	-	-	-	-	-	-
2015 Dec	-	-	-	-	-	-
016 Jan Feb	-	-	-	-	-	-
Mar Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul Aug	-	-	-	-	-	-
Sep Oct	-	-	-	-	-	-
Nov	-	-	-	-	-	-
Dec	-	-	-	-	-	-
017 Jan Feb	-0.1	-0.3 -0.3	0.1 -0.4	0.1 0.3	0.2 0.2	-0.2 -1.7
ercentage cha	ange, latest year or	ו previous yeaı				
012 013	-	-	-	-	-	-
014	-	-	-	-	-	-
015 016	-	-	-	-	-	-
Percentage cha						
crocinage one	ange, latest month	on same month a ye	ear ago			
2014 Dec	ange, latest month -	on same month a ye	ear ag: -	-	-	-
014 Dec	ange, latest month - -	on same month a ye -	ear ag(- -	-	-	-
014 Dec 015 Jan Feb	ange, latest month - - -	on same month a ye - - -		- - -	-	- - -
2014 Dec 2015 Jan Feb Mar Apr	ange, latest month - - - - - -	on same month a y(- - - - - -		- - -	-	- - - -
014 Dec 015 Jan Feb Mar	ange, latest month - - - - - - - - - - -	on same month a ye	ear ag(- - - - - - - - -			- - - - - -
014 Dec 015 Jan Feb Mar Apr May Jun Jun	ange, latest month - - - - - - - - - -	on same month a ye	ear ag(- - - - - - - - - -			
014 Dec 015 Jan Feb Mar Apr May Jun Jul Aug	ange, latest month - - - - - - - - - - - - - - - - - - -	on same month a ye	ear ag(- - - - - - - - - - - - - - - - - - -	-	-	
014 Dec 015 Jan Feb Mar Apr May Jun Jul Aug Sep Oct	ange, latest month - - - - - - - - - - - - - - - - - - -	on same month a ye - - - - - - - - - - - - - - - - - - -	ear ag(- - - - - - - - - - - - - - - - - - -			
014 Dec 015 Jan Feb Mar Apr May Jun Jul Aug Sep	ange, latest month - - - - - - - - - - - - - - - - - - -	on same month a ye	ear ag(- - - - - - - - - - - - - - - - - - -			
014 Dec 015 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 016 Jan	ange, latest month - - - - - - - - - - - - - - - - - - -	on same month a ye	ear ag(- - - - - - - - - - - - - - - - - - -			-
014 Dec 015 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 016 Jan Feb	ange, latest month - - - - - - - - - - - - - - - - - - -	on same month a ye	ear ag(- - - - - - - - - - - - - - - - - - -			-
014 Dec 015 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 016 Jan Feb Mar Apr	ange, latest month - - - - - - - - - - - - - - - - - - -	on same month a ye	ear ag(- - - - - - - - - - - - - - - - - - -			-
014 Dec 015 Jan Feb Mar Apr May Jul Aug Sep Oct Nov Dec 016 Jan Feb Mar	ange, latest month - - - - - - - - - - - - - - - - - - -	on same month a ye	ear ag(- - - - - - - - - - - - - - - - - - -			-
014 Dec 015 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 016 Jan Feb Mar Apr May Jun Jun Jun Jun Jun Jun Jun Jun	ange, latest month - - - - - - - - - - - - - - - - - - -	on same month a ye	ear ag(- - - - - - - - - - - - - - - - - - -			-
014 Dec 015 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 016 Jan Feb Mar Apr May Jun	ange, latest month	on same month a ye	ear ag(- - - - - - - - - - - - - - - - - - -			-
014 Dec 015 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 016 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec	ange, latest month	on same month a ye	ear ag(- - - - - - - - - - - - - - - - - - -			-
014 Dec 015 Jan Feb May Jul Aug Sep Oct Nov Dec 016 Jan Feb Mar Apr May Jun Jul Jun Jul Aug Sep Oct May Jun	ange, latest month	on same month a ye	ear ag(- - - - - - - - - - - - - - - - - - -			-
014 Dec 015 Jan Feb Mar Apr May Jul Aug Sep Oct Nov Dec 016 Jan Feb Mar Apr May Jun Jul Aug Sep Oct May Jun Jul Aug Sep Oct May Jun Jul Aug Sep Oct May Jun Jul Aug Sep Oct May Jun Jun Jul Aug Sep Oct May Jun Jun Jul Aug Sep Oct May Jun Jun Jun Jun Jun Jun Jun Jun	ange, latest month	on same month a year 	ear age		- - - - - - - - - - - - - - - - - - -	- - - - - - - - - - - - - - - - - - -

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



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

	Rubber and			1	Achinery and		
	plastic products and non-metallic mineral products	Basic metals and metal products	Computer, electronic and optical products	Electrical equipment	equipment not elsewhere classified	Transport equipment	Other manufacturing and repai
Section	CG	CH	CI	CJ	Classified	CL	CN
	55.0	83.1	36.2	20.9	50.6	92.0	64.4
atest weight.	K23B	K23G	K23N	20.9 K23P	50.6 K23R	92.0 K23T	K232
012 013	-	-	-	-	-	-	
2014	-	-	-	-	-	-	
015 016	-	-	-	-	-	-	
2015 Q4 2016 Q1	-	-	-	-	-	-	
Q2	-	-	_	_	-	-	
Q3	-	-	-	-	-	-	
Q4	-	-	-	-	-	-	
015 Dec	-	-	-	-	-	-	
016 Jan	-	-	-	-	-	-	
Feb Mar	-	-	-	-	-	-	
Apr	-	-	-	-	-	-	
May Jun	-	-	-	-	-	-	
Jul Aug	-	-	-	-	-	-	
Sep	-	-	-	-	-	-	
Oct	-	-	-	-	-	-	
Nov Dec	-	-	-	-	-	-	
017 1	-0.1	-0.4	-0.6	0.8	-0.7	0.1	
ui/ Jan							
Feb	-0.8	-1.1	-0.6	0.8	0.7	-	0.3
Feb	-0.8 hange, latest year o		-0.6	0.8	0.7	-	0.3
Feb Percentage c			-0.6	0.8	0.7	-	0.3
Feb Percentage c 012 013			-0.6 - -	0.8 - -	0.7	-	0.3
Feb Percentage c 2012 2013 2014			-0.6 - - -	0.8 - -	-	-	0.3
Feb Percentage c 2012 2013 2014 2015			-0.6 - - - -	0.8 - - - -	0.7 - - - -	-	0.3
Feb Percentage c 2012 2013 2014 2015 2016		n previous yeaı - - - - - -	- - - -	0.8 - - - -	-		0.3
Feb Percentage c 2012 2013 2014 2015 2016 Percentage c	hange, latest year o - - - - - -	n previous yeaı - - - - - -	- - - -	0.8	-	-	0.3
Feb Percentage c 2012 2013 2014 2014 2016 Percentage c 2014 Dec	hange, latest year o - - - - - -	n previous yeaı - - - - - -	- - - -	0.8	-	-	0.3
Feb Percentage c 2012 2013 2014 2015 Percentage c 2014 Dec 2015 Jan Feb	hange, latest year o - - - - - -	n previous yeaı - - - - - -	- - - -	0.8	-	-	0.3
Feb Percentage c 012 013 014 015 016 Percentage c 014 Dec 014 Dec 014 Jan Feb Mar	hange, latest year o - - - - - -	n previous yeaı - - - - - -	- - - -	0.8	-	-	0.3
Feb Percentage c 2012 2013 2014 2015 2016 Percentage c 2014 Dec 2014 Dec 2014 Jan Feb Mar Apr	hange, latest year o - - - - - -	n previous yeaı - - - - - -	- - - -	0.8	-	-	0.3
Feb Percentage c 2012 2013 2014 2015 2016 Percentage c 2014 Dec 2014 Dec 2014 Jan Feb Mar	hange, latest year o - - - - - -	n previous yeaı - - - - - -	- - - -	0.8	-	-	0.3
Feb Percentage c 2012 2013 2014 2015 2016 Percentage c 2014 Dec 2014 Dec 2014 Jan Feb Mar Apr May Jun	hange, latest year o - - - - - -	n previous yeaı - - - - - -	- - - -	0.8	-	-	0.3
Feb Percentage c 2012 2013 2014 2015 2016 Percentage c 2014 Dec 2015 Jan Feb Mar Apr May	hange, latest year o - - - - - -	n previous yeaı - - - - - -	- - - -	0.8	-	-	0.3
Feb Percentage c 2012 2013 2014 2015 2016 Percentage c 2014 Dec 2014 Dec 2014 Dec 2015 Jan Feb Mar Apr May Jun Jul Aug Sep	hange, latest year o - - - - - -	n previous yeaı - - - - - -	- - - - - - - - - - - - - - - - - - -	0.8	-		0.3
Feb Percentage c 2012 2013 2014 2015 2016 Percentage c 2014 Dec 2015 Jan Feb Mar Apr May Jun Jul Aug Sep Oct	hange, latest year o - - - - - -	n previous yeaı - - - - - -	- - - - - - - - - - - - - - - - - - -	0.8	-		0.3
Feb Percentage c 2012 2013 2014 2015 2016 Percentage c 2014 Dec 2014 Dec 2014 Dec 2015 Jan Feb Mar Apr May Jun Jul Aug Sep	hange, latest year o - - - - - -	n previous yeaı - - - - - -	- - - - - - - - - - - - - - - - - - -	0.8	-		0.3
Feb Percentage c 2012 2013 2014 2015 2016 Percentage c 2015 2016 Percentage c 2015 2016 Percentage c 2015 2016 Percentage c 2015 2015 2016 Percentage c 2017 2015 2017 2017 2017 2017 2017 2017 2017 2017	hange, latest year o - - - - - -	n previous yeaı - - - - - -	- - - - - - - - - - - - - - - - - - -	0.8	-		0.3
Feb Percentage c 012 013 014 015 016 Percentage c 014 Dec 015 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 016	hange, latest year o - - - - - -	n previous yeaı - - - - - -	- - - - - - - - - - - - - - - - - - -	0.8	-		0.3
Feb Percentage c 012 013 014 015 016 Percentage c 014 Dec 015 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec	hange, latest year o - - - - - -	n previous yeaı - - - - - -	- - - - - - - - - - - - - - - - - - -	0.8	-		0.3
Feb Percentage c 012 013 014 015 016 Percentage c 014 Dec 015 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 016 Jan Feb Mar Apr Nov Dec 016 Jan Feb Mar Apr Nov Dec 016 Jan Feb Mar Apr Nov Dec 016 Jan Apr May Jun	hange, latest year o - - - - - -	n previous yeaı - - - - - -	- - - - - - - - - - - - - - - - - - -	0.8	-		0.3
Feb Percentage c 012 013 014 015 016 Percentage c 016 016 016 016 017 016 016 016 016 016 016 016 016	hange, latest year o - - - - - -	n previous yeaı - - - - - -	- - - - - - - - - - - - - - - - - - -		-		0.1
Feb Percentage c 012 013 014 015 016 Percentage c 014 Dec 014 Dec 015 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 016 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 016 Jan Feb Mar Apr May Jun Jul Jul Aug Sep Oct Nov Dec 011 Jun Jul Jun Jul Jun Jul Jun Jul Jun Jul Jun Jun Jul Jun Jun Jun Jun Jun Jun Jun Jun	hange, latest year o - - - - - -	n previous yeaı - - - - - -	- - - - - - - - - - - - - - - - - - -		-		0.3
Feb Percentage c 2012 2013 2014 2015 2016 Percentage c 2016 2016 2016 2016 2016 Percentage c 2016 2017 2017 2018 2018 2018 2018 2019 2	hange, latest year o - - - - - -	n previous yeaı - - - - - -	- - - - - - - - - - - - - - - - - - -		-		0.3
Feb Percentage c 1012 1013 1014 1015 1016 Percentage c 1014 1016 Percentage c 1014 1016 Percentage c 1014 1016 Percentage c 1016 1016 Percentage c 1017 1016 Percentage c 1018 Percentage c 1019 1010 Percentage c 1010 Percentage c 1011 Percentage c 1012 1014 1015 1014 1015 1014 1015 1016 Percentage c 1017 1018 Percentage c 1019 1010	hange, latest year o - - - - - -	n previous yeaı - - - - - -	- - - - - - - - - - - - - - - - - - -		-		0.3
Percentage c 2012 2013 2014 2015 2016 Percentage c 2014 Dec 2014 Dec 2015 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2016 Jan Feb Mar Apr Dec 2016 Jan Feb Mar Apr Jun Jul Aug Sep Oct May Jun	hange, latest year o - - - - - -	n previous yeaı - - - - - -	- - - - - - - - - - - - - - - - - - -		-		
Feb Percentage c 2012 2013 2014 2015 2016 Percentage c 2014 Dec 2015 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2016 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Jun Jul Aug Sep Oct	hange, latest year o - - - - - -	n previous yeaı - - - - - -	- - - - - - - - - - - - - - - - - - -		-		0.5

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



Output of the Production Industries

					Seasonally a	adjusted 2013 = 100
	Food products, beverages and tobacco	Textiles, wearing apparel and leather products	Wood and paper products and printing	Coke and refined petroleum products	Chemicals and chemical products	Basic pharmaceutical products and preparations
Section	CA	CB	CC	CD	CE	CF
_atest weight	114.2	25.4	51.0	9.2	39.8	58.7
Latest weight	K22B	K22P	K22T	K22X	K22Z	K239
Percentage cha	ange, latest month	on previous month				
2014 Dec		-	-	-		-
2015 Jan	-	-	-	-	-	-
Feb Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-
Oct	-	-	-	-	-	-
Nov Dec	-	-	-	-	-	-
2016 Jan	_	_	-			
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep Oct	-	-	-	-	-	-
Nov	-	-	-	-	-	-
Dec	-	-	-	-	-	-
2017 Jan Feb	-0.1	-0.3	0.1 -0.4	0.1 0.2	0.2	-0.1 -1.6
Percentage cha	ange, latest 3 mon	ths on same 3 mont	hs a year agc			
2014 Dec		-		-		
2015 Jan						
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr May	-		-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-
Oct Nov	-	-	-	-	-	-
Dec	-	-	-	-	-	-
2016 Jan	-	-	-	-	-	-
Feb	-	-	-	-	-	-
Mar Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-
Sep Oct						
Oct Nov	-	-	-	-	-	-
Oct	-	- - -0.1	-	-	- - 0.1	-

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

Output of the Production Industries

Chained volume indices of gross value added¹

	Rubber and plastic products and non-metallic mineral products	Basic metals and metal products	Computer, electronic and optical products	Electrical equipment	Machinery and equipment not elsewhere classified	Transport equipment	Other manufacturing and repair
Section	CG	СН	CI	CJ	СК	CL	CM
_atest weigl	nt 55.0	83.1	36.2	20.9	50.6	92.0	64.4
	K23B	K23G	K23N	K23P	K23R	K23T	K23Z
Percentage	change, latest month o	on previous mont	h				
2014 Dec	-	-	-	-	-	-	-
2015 Jan	-	-	-	-	-	-	
Feb Mar	-	-	-	-	-	-	-
Apr	-	-	-	-	_	-	-
May	-	-	-	-	-	-	-
Jun	-	-	-	-	-	-	-
Jul	-	-	-	-	-	-	-
Aug	-	-	-	-	-	-	-
Sep Oct	-	-	-	-	-	-	-
Nov	-	-	-	-	-	-	-
Dec	-	-	-	-	-	-	-
2016 Jan	-	-	-	-	-	-	-
Feb	-	-	-	-	-	-	-
Mar Apr	-	-	-	-	-	-	-
May	-	-	-	-	-	-	
Jun	-	-	-	-	-	-	-
Jul	-	-	-	-	-	-	-
Aug	-	-	-	-	-	-	-
Sep	-	-	-	-	-	-	-
Oct Nov	-	-	-	-	-	-	-
Dec	-	-	-	-	-	-	-
2017 Jan Feb	-0.1 -0.6	-0.4 -0.8	-0.6	0.9 -0.1	-0.7 1.5	0.1	-0.1 0.3
Percentage	change, latest 3 month	ns on same 3 moi	nths a year ago				
2014 Dec	-	-	-	-	-	-	-
2015 Jan							
Feb		-		-		-	
Mar	-	-	-	-	-	-	-
Apr	-	-	-	-	-	-	-
May Jun	-	-	-	-	-	-	-
Jul Aug	-	-	-	-	-	-	-
Sep	-	-	-	-	-	-	-
Oct	-	-	-	-	-	-	-
Nov Dec	-	-	-	-	-	-	-
2016 Jan							
Feb	-	-	-	-	-	-	-
Mar	-	-	-	-	-	-	-
Apr	-	-	-	-	-	-	-
May Jun	-	-	-	-	-	-	-
Jul	-	-	-	-	-	-	
Aug	-	-	-	-	-	-	
Sep Oct	-	-	-	-	-	-	-
Nov	-	-	-	-	-	-	-
						-	-
Dec	-	-					

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



Output of the Production Industries

Chained volume indices of gross value added¹

continued					Seasonally a	adjusted 2013 = 10
	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	Basi pharmaceutica products an preparation
Section	CA	СВ	CC	CD	CE	CI
_atest weight	114.2	25.4	51.0	9.2	39.8	58.
g	K22B	K22P	K22T	K22X	K22Z	K23
Percentage cha	ange, latest 3 mon	ths on previous 3 m	onths			
2014 Dec	-	-	-	-	-	
2015 Jan	-	-	-	-	-	
Feb	-	-	-	-	-	
Mar	-	-	-	-	-	
Apr	-	-	-	-	-	
May	-	-	-	-	-	
Jun	-	-	-	-	-	
Jul	-	-	-	-	-	
Aug	-	-	-	-	-	
Sep	-	-	-	-	-	
Oct	-	-	-	-	-	
Nov	-	-	-	-	-	
Dec	-	-	-	-	-	
016 Jan	-	-	-	-	-	
Feb	-	-	-	-	-	
Mar	-	-	-	-	-	
Apr	-	-	-	-	-	
May	-	-	-	-	-	
Jun	-	-	-	-	-	
Jul	-	-	-	-	-	
Aug	-	-	-	-	-	
Sep	-	-	-	-	-	
Oct	-	-	-	-	-	
Nov	-	-	-	-	-	
Dec	-	-	-	-	-	
2017 Jan	-	-0.1	-	-	-	
Feb	-	-0.2	-	0.1	0.2	-0.

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

Output of the Production Industries

Chained volume indices of gross value added¹

Seasonally adjusted 2013 = 100 Rubber and Machinery and plastic products Basic metals Computer, equipment not Other Electrical and non-metallic and metal electronic and elsewhere Transport manufacturing classified mineral products products optical products equipment equipment and repair Section CG СН CI CJ СК CL СМ 55.0 83.1 36.2 20.9 50.6 92.0 64.4 Latest weight K23B K23G K23N K23P K23R K23T K23Z Percentage change, latest 3 months on previous 3 months 2014 Dec 2015 Jan Feb ----Mar -Apr _ _ _ May _ _ --. Jun _ Jul Aug Sep _ _ Oct _ _ _ -Nov _ -Dec 2016 Jan Feb _ _ _ -_ _ Mar _ -_ -_ . Apr _ -May -Jun _ Jul _ Aug ---Sep Oct ---Nov Dec _ _ _ -0.2 -0.4 2017 -0.1 0.3 -0.2 Jan 0.1 -0.3 -0.5 0.6 Feb

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