

Statistical bulletin

Index of Production, UK: February 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.



Contact: R Mark Stephens 7 indexofproduction@ons.gsi.gov. uk +44 (0) 1633 456387

Release date: 7 April 2017 Next release: 11 May 2017

Table of contents

- 1. Main points
- 2. Things you need to know about this release
- 3. Index of Production (IoP) main figures and the longer-term trend
- 4. What is contributing to the 3 months-on-previous 3 months increase?
- 5. What is contributing to the month-on-month decrease?
- 6. What is contributing to the month-on-same-month a year ago increase?
- 7. Links to related statistics
- 8. What's new?
- 9. Quality and methodology

1. Main points

- In the 3 months to February 2017, manufacturing increased by 2.1% (unchanged from the 3 months to January 2017), continuing its strongest growth since May 2010 total production was estimated to have increased by 1.6%, with manufacturing providing the largest contribution.
- The transport equipment sector provided the largest contribution to the manufacturing increase, along with smaller upwards contributions from a range of other manufacturing industries.
- In February 2017, total production decreased by 0.7% compared with January 2017 with falls in all four main sectors, with electricity and gas providing the largest downward contribution, decreasing by 3.4%.
- The monthly decrease in electricity and gas was largely due to falls in both electricity generation and in the supply and distribution of gas and gaseous fuels; this was largely attributable to the temperature in February 2017 being 1.6 degrees Celsius warmer than average.
- Total production output for February 2017 compared with February 2016 increased by 2.8%, with growth in three of the four main sectors, with manufacturing providing the largest contribution, increasing by 3.3%.

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, 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 (7 April 2017) publication of <u>TOPSI: Production and services turnover</u>.

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 <u>revisions policy</u>.

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

Table 1 shows the growth rates and contributions for the Index of Production (IoP) and main sectors for February 2017. The monthly estimate of total production decreased by 0.7%. All four production sectors contributed towards the fall, with electricity and gas providing the largest downwards contribution.

The 3 months-on-previous 3 months estimate of total production increased by 1.6% in February 2017, with increases in three of the four main sectors. The largest contribution came from manufacturing, which increased by 2.1%, unchanged from a growth of 2.1% in the 3 months to January 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	-0.7	-0.72	1.6	1.63
Mining and quarrying	12.0	-2.0	-0.25	1.3	0.16
Manufacturing	70.0	-0.1	-0.10	2.1	1.44
Electricity, gas, steam and air conditioning	10.4	-3.4	-0.33	-0.1	-0.01
Water supply, sewerage and waste management	7.5	-0.4	-0.03	0.5	0.04

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

Source: Office for National Statistics

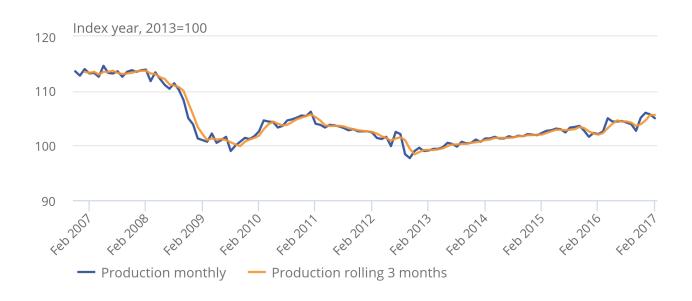
1. "% of production" column does not add up to 100 due to rounding.

Figure 1: Index of Production in UK

Seasonally adjusted, February 2007 to February 2017, UK

Figure 1: Index of Production in UK

Seasonally adjusted, February 2007 to February 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.

Figure 2: Seasonally adjusted index of manufacturing February 2007 to February 2017, UK

Seasonally adjusted, February 2007 to February 2017, UK

Figure 2: Seasonally adjusted index of manufacturing February 2007 to February 2017, UK

Seasonally adjusted, February 2007 to February 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.

Figures 1 and 2 show that both the Index of Production 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 6.7% and 3.0% respectively in the 3 months to February 2017.

4 . What is contributing to the 3 months-on-previous 3 months increase?

In the 3 months-on-previous 3 months to February 2017, total production was estimated to have increased by 1.6%, following an increase of 1.9% in the 3 months to January 2017.

Manufacturing provided the largest contribution to the increase, with growth of 2.1% (Table 2) unchanged from an increase of 2.1% in the 3 months to January 2017, continuing the recent strength displayed by this sector.

The growth was broad-based across 10 of the 13 manufacturing sub-sectors. The largest contribution to the increase came from transport equipment, which rose by 3.4%. Within this sub-sector, motor vehicles, trailers and semi-trailers increased by 4.7%.

Sector Summary description 3 months on previous 3 Contribution to months growth (percentage) production (percentage points) loΡ Index of Production 1.6 1.63 Sector 0.16 Total Mining and Quarrying 1.3 В 5 -9.1 0.00 Coal and Lignite 6 Crude petroleum and Natural gas 1.6 0.16 789 Other mining and quarrying -0.1 0.00 Sector **Total Manufacturing** 2.1 1.44 С CA Food, beverages and tobacco 0.0 0.00 СВ Textiles and leather products 4.0 0.09 CC Wood, paper and printing 2.1 0.11 CD Coke and petroleum -3.7 -0.03 CE Chemical products -0.1 0.00 CF Pharmaceutical products 3.2 0.18 CG Rubber and plastic products 0.2 0.01 СН Metal products 2.4 0.20 CI Computer, electronic and optical 4.8 0.17 CJ Electrical equipment 0.02 0.8 CK 0.20 Machinery and equipment 4.6 CL Transport equipment 3.4 0.34 CM Other manufacturing and repair 2.5 0.16 Sector Total Electricity and Gas -0.1 -0.01 D 35.1 0.1 0.01 Electric power generation, transmission and distribution 35.2-3 Manufacture of gas; distribution of gaseous -0.6 -0.02 fuels through mains; steam and aircon supply Sector **Total Water** 0.5 0.04 Е Water collection, treatment and supply 36 -0.7 -0.02 37 Sewerage 2.6 0.06 38 Waste collection, treatment and disposal -0.2 -0.01 activities; materials recovery 39 -1.7 0.00 Remediation activities and other waste management services

Table 2: Growths and contributions to production, 3 months-on-previous 3 months, February 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 0.7% in February 2017 (Table 3), following a decrease of 0.3% in the previous month. All four main sectors decreased; the largest downward contribution came from electricity and gas, which fell by 3.4%.

The largest contribution to the fall in electricity and gas came from the supply of gas and gaseous fuels, decreasing by 6.4%. The Department for Business, Energy and Industrial Strategy (BEIS) advised that the decrease in gas was possibly caused by milder temperatures in February 2017. February 2017 was the ninth warmest February since 1910, with the temperature increasing from 3.9 degrees Celsius in January 2017 to 5.3 degrees Celsius (Met Office). Over the longer term, demand in gas has increased as a result of increased gas use instead of coal for the purpose of generating electricity (BEIS Energy Trends, UK energy statistics).

Within the manufacturing sector, the decrease of 0.1% is mainly attributable to pharmaceuticals, which fell by 4.4% and can be highly erratic due to the timing of contracts.

Sector	Summary description	Month on previous month growth (percentage)	Contribution to production (percentage points)
loP	Index of Production	-0.7	-0.72
Sector B	Total Mining and Quarrying	-2.0	-0.25
5	Coal and Lignite	20.7	0.00
6	Crude petroleum and Natural gas	-2.6	-0.27
789	Other mining and quarrying	0.5	0.01
Sector C	Total Manufacturing	-0.1	-0.10
CA	Food, beverages and tobacco	0.8	0.09
CB	Textiles and leather products	3.0	0.07
CC	Wood, paper and printing	-1.6	-0.08
CD	Coke and petroleum	-0.8	-0.01
CE	Chemical products	-2.1	-0.09
CF	Pharmaceutical products	-4.4	-0.24
CG	Rubber and plastic products	-0.6	-0.03
СН	Metal products	0.1	0.01
CI	Computer, electronic and optical	0.0	0.00
CJ	Electrical equipment	2.3	0.04
CK	Machinery and equipment	1.1	0.05
CL	Transport equipment	0.1	0.02
СМ	Other manufacturing and repair	1.0	0.07
Sector D	Total Electricity and Gas	-3.4	-0.33
35.1	Electric power generation, transmission and distribution	-2.0	-0.13
35.2-3	Manufacture of gas; distribution of gaseous fuels through mains; steam and aircon supply	-6.4	-0.20
Sector E	Total Water	-0.4	-0.03
36	Water collection, treatment and supply	-0.1	0.00
37	Sewerage	-0.5	-0.01
38	Waste collection, treatment and disposal activities; materials recovery	-0.5	-0.02
39	Remediation activities and other waste management services	-0.2	0.00

Table 3: Growths and contributions to production, month-on-previous-month, February 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 2.8% in February 2017 compared with February 2016; three of the four main sectors provided upwards contributions (Table 4). The largest contribution came from manufacturing, which increased by 3.3%, following an increase of 2.6% in the previous period.

The manufacturing growth was largely broad-based with increases in 9 of the 13 sub-sectors. Transport equipment provided the largest contribution, increasing by 10.2% and was the strongest growth since August 2015, when it rose by 10.7%. Within this sub-sector, the manufacture of motor vehicles, trailers and semi-trailers rose by 14.4% compared with February 2016. Increased exports were reported compared with domestic turnover in the Monthly Business Survey, published in <u>Turnover in Production and Services Industries</u>, February 2017.

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

Sector	Summary description	Month on same month a year ago growth (percentage)	Contribution to production (percentage points)
loP	Index of Production	2.8	2.85
Sector B	Total Mining and Quarrying	-0.5	-0.06
5	Coal and Lignite	1.8	0.00
6	Crude petroleum and Natural gas	-0.6	-0.07
789	Other mining and quarrying	0.4	0.01
Sector C	Total Manufacturing	3.3	2.32
CA	Food, beverages and tobacco	-0.3	-0.04
СВ	Textiles and leather products	9.9	0.22
CC	Wood, paper and printing	4.0	0.20
CD	Coke and petroleum	-0.6	-0.01
CE	Chemical products	1.8	0.07
CF	Pharmaceutical products	-3.8	-0.22
CG	Rubber and plastic products	1.3	0.08
СН	Metal products	0.0	0.00
CI	Computer, electronic and optical	8.3	0.29
CJ	Electrical equipment	0.1	0.00
СК	Machinery and equipment	9.6	0.42
CL	Transport equipment	10.2	0.99
СМ	Other manufacturing and repair	4.8	0.32
Sector D	Total Electricity and Gas	3.2	0.30
35.1	Electric power generation, transmission and distribution	1.8	0.12
35.2-3	Manufacture of gas; distribution of gaseous fuels through mains; steam and aircon supply	6.3	0.18
Sector E	Total Water	3.6	0.28
36	Water collection, treatment and supply	0.3	0.01
37	Sewerage	11.3	0.26
38	Waste collection, treatment and disposal activities; materials recovery	0.8	0.03
39	Remediation activities and other waste management services	-5.6	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>; 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 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>. 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 Department of Business, Energy and Industrial Strategy (BEIS) published <u>Energy Trends</u> on 30 March 2017; the publication covers new data for the fourth quarter of 2016 and provisional annual data for 2016.

<u>Short-term indicators economic commentary</u> was published alongside this release, presenting new information on economic conditions in February 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: <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

A revised version of this document is available this month.



Index of Production Release Tables

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

Pages 12-21 Table IoP5R, revisions to index values and growth rates for industry groups and manufacturing sub-sectors



Output of the Production Industries, February 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 Percentage change, latest month on previous month Percentage change, latest 3 months on same 3 months a year ago Page 2 Percentage change, latest 3 months on previous 3 months Page 3 Output by Manufacturing sub-sectors part 1 Page 4 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 Percentage change, latest month on previous month part 1 Percentage change, latest 3 months on same 3 months a year ago Page 6 Percentage change, latest month on previous month part 2 Page 7 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

			Broad ind	ustry groups				Mair	n industrial group	Seasonally adjust	ed 2013 = 100
			broad ind	usuy groups	Water supply,			IVICII	i industriai group	Jinga	
	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	B	C	D	E	06	MIG-CD	MIG-CND	MIG-CAG	MIG-IG	MG-NRG
Lataat waight	1 000.0	120.4	700.4	104.5	74.7	96.2	52.1	208.2	235.8	254.6	232.7
Latest weight	K222	K224	K22A	K248	K24C	K226	K24Q	K24R	K24S	K24O	K24T
2012 2013	100.7 100.0	102.8 100.0	101.0 100.0	100.2 100.0	95.9 100.0	109.0 100.0	101.3 100.0	100.9 100.0	99.0 100.0	100.6 100.0	103.6 100.0
2014	101.5	100.6	102.9	94.0	100.7	98.9	106.2	100.5	103.1	105.0	96.5
2015	102.7	109.1	102.7	94.4	104.1	109.6	106.0	100.8	101.7	105.3	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
2015 Q4	102.6	110.2	102.5	92.9	105.5	111.8	104.9	101.6	101.6	103.6	101.6
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
Q3 Q4	104.6	106.8	104.5	97.9	111.1	110.9	108.3	100.5	104.4	105.0	103.3
2015 Dec	101.6	106.7	102.2	88.1	106.9	108.1	106.0	101.0	102.4	102.5	97.6
2016 Jan Feb	102.3 102.1	105.0 108.6	102.8 101.9	92.1 92.0	108.3 107.5	107.2 112.9	104.8 103.9	100.6 101.7	102.3 99.7	104.1 102.6	99.0 101.1
Mar	102.6	108.4	102.0	95.6	108.6	113.3	103.6	100.5	101.7	102.1	102.7
Apr May	105.0 104.4	109.8 109.1	104.5 103.9	100.2 97.5	109.2 110.8	114.5 113.3	105.9 106.8	104.5 102.6	104.0 103.8	103.8 103.7	105.0 103.9
Jun	104.4	110.6	103.6	97.6	110.8	115.0	104.8	102.0	105.0	103.1	103.9
Jul	104.5	118.3	102.8	95.3	110.8	124.9	106.7	99.8	103.3	103.4	107.7
Aug	104.2	115.1	103.1	94.7	110.1	120.9	107.6	100.3	103.9	103.3	105.6
Sep Oct	103.9 102.7	110.9 102.0	103.8 102.8	92.6 96.6	109.5 111.4	116.0 104.7	106.9 107.3	100.9 99.1	104.3 103.0	104.0 104.0	102.9 100.1
Nov	105.1	109.9	104.2	100.8	111.3	114.7	106.7	102.3	103.3	105.1	106.2
Dec	106.0	108.6	106.5	96.4	110.7	113.4	110.8	105.2	106.8	105.9	103.5
2017 Jan Feb	105.7 [†] 105.0	110.3 108.1	105.4 105.2	† 98.3 94.9	† 111.8 [†] 111.4	115.1 [†] 112.2	110.2 ¹ 111.5	101.3 100.3	† 106.9 107.1	† 105.8 [†] 105.8	104.9 102.2
Percentage char	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	1.2	8.4	-0.2	0.5	3.4	10.8	-0.2	0.3	-1.4	0.3	4.9
2016	1.2	0.6	0.7	1.7	5.6	4.2	0.3	0.8	1.7	-1.5	2.3
Percentage char			nth a year ago								
2014 Dec	0.9	-4.3	2.6	-0.2	-4.0	-8.4	12.6	0.1	5.4	3.6	-4.9
2015 Jan Feb	1.2 0.9	5.8 -1.5	1.2 0.9	0.2 6.8	-4.3 -2.2	4.9 -5.7	5.0 0.8	3.6 -1.2	-1.7 1.0	1.7 3.6	2.4 0.8
Mar	1.4	0.9	1.1	4.4	0.9	-0.7	4.1	1.3	-0.5	2.5	1.3
Apr	1.2	7.6	-0.3	1.9	4.1	9.6	0.9	-2.5	-0.6	1.5	4.9
May Jun	1.7 1.6	9.3 11.2	0.2 -0.1	1.3 -1.3	4.2 6.9	12.8 15.0	2.7 5.4	0.6 -0.9	-0.7 -1.5	0.1 1.7	5.8 5.4
Jul	0.7	11.1	-1.3	-3.4	8.3	13.9	1.0	0.2	-4.0	-0.3	4.3
Aug	1.8	19.9	-0.8	-3.1	5.5	26.3	-2.4	-1.0	-0.4	-1.0	9.5
Sep Oct	1.5 1.8	9.6 9.7	-0.3	3.0 3.5	3.6 4.0	13.2 12.8	-4.4 -5.0	1.0 2.8	-0.9 -1.8	-1.2 -0.5	7.1 7.5
Nov	0.6	10.9	-1.4	0.4	3.1	16.3	-3.2	-0.5	-3.1	-1.7	7.4
Dec	-0.3	7.3	-1.4	-7.5	7.8	12.7	-5.7	0.2	-2.0	-3.5	1.8
2016 Jan	0.4 -0.2	1.9 7.8	-0.1 -1.5	-3.9 -5.3	8.9 5.9	6.5 16.0	-4.2 -0.9	-0.2 1.6	1.7 -2.8	-2.3 -4.5	0.8 3.6
	-0.1	4.3	-1.6	0.6	6.4	10.9	-3.1	-1.6	-0.2	-4.6	4.4
Feb Mar		1.1	1.3	8.5 3.2	4.6	4.8 -2.2	-0.3 1.9	5.0 0.9	1.2	-2.8 -0.8	5.1 0.4
Feb Mar Apr	2.2	20			6.2		-4.4	2.7	2.8	-0.8	
Feb Mar	2.2 1.2 1.4	-3.9 0.3	1.4 0.9	3.7	4.2	3.4	4.4	2.7	2.2	-2.5	3.0
Feb Mar Apr May	1.2 1.4 2.1	0.3 7.4	0.9		3.2	12.9	0.1	-0.7	4.3	-1.8	6.2
Feb Mar Apr May Jun Jul Aug	1.2 1.4 2.1 0.9	0.3 7.4 -1.4	0.9 1.1 1.0	3.7 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
Feb Mar Apr May Jun Jul	1.2 1.4 2.1	0.3 7.4	0.9	3.7 1.4	3.2	12.9	0.1	-0.7	4.3	-1.8	
Feb Mar Apr May Jun Jul Aug Sep Oct Nov	1.2 1.4 2.1 0.9 0.5 -0.8 2.3	0.3 7.4 -1.4 -0.3 -9.7 -0.8	0.9 1.1 1.0 0.6 - 1.8	3.7 1.4 - -3.7 -0.4 7.6	3.2 5.6 6.0 6.2 6.3	12.9 1.0 2.7 -8.4 1.5	0.1 3.4 2.0 4.3 0.9	-0.7 0.4 -0.7 -3.7 1.5	4.3 2.0 1.3 1.7 2.2	-1.8 -1.1 -0.5 -0.3 1.0	6.2 -0.4 -4.3 3.6
Feb Mar Apr May Jun Jul Aug Sep Oct	1.2 1.4 2.1 0.9 0.5 -0.8	0.3 7.4 -1.4 -0.3 -9.7	0.9 1.1 1.0 0.6 - 1.8 4.2	3.7 1.4 -3.7 -0.4 7.6 9.4	3.2 5.6 6.0 6.2 6.3 3.5	12.9 1.0 2.7 -8.4 1.5 4.8	0.1 3.4 2.0 4.3	-0.7 0.4 -0.7 -3.7 1.5 4.1	4.3 2.0 1.3 1.7 2.2 4.3	-1.8 -1.1 -0.5 -0.3 1.0 3.4	6.2 - -0.4 -4.3

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

				ustry groups					in industrial group		
				, 3	Water supply,				5	5-	
	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
Latoot Hoight	K222	K224	K22A	K248	K24C	K226	K24Q	K24R	K24S	K24O	K24T
Percentage cha	nge, latest mont	h on previous	month								
2014 Dec	-0.1	-0.5	-0.1	2.2	-2.3	-1.2	2.8	-0.5	0.1	0.3	0.5
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	0.4	4.5	-0.5	-2.1	2.2	6.8	-0.7	-2.6	-0.7	-0.4	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	-0.6	-0.1	-0.9	-0.1	1.0	-0.6	-2.8	1.8	-3.6	-0.8	0.1
Aug Sep	0.9 0.1	5.9 -4.7	0.4 1.0	0.8 1.4	-2.9 -0.9	8.3 -5.7	-2.4 0.7	-0.6 1.7	2.8 1.1	-0.7 -0.1	4.1 -2.2
Oct	0.1	-4.7	-0.3	0.9	-0.9	-5.7	-1.8	1.7	-1.6	-0.1	-2.2
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 Mar	-0.3 0.5	3.4 -0.2	-0.9 0.1	-0.1 4.0	-0.7 1.1	5.3 0.4	-0.9 -0.3	1.1 -1.2	-2.6 2.0	-1.4 -0.5	2.1 1.5
Apr	2.4	1.3	2.5	4.8	0.5	1.0	2.2	3.9	2.3	1.6	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 Sep	-0.3 -0.3	-2.7 -3.6	0.3 0.6	-0.6 -2.3	-0.6 -0.5	-3.2 -4.1	0.8 -0.7	0.5 0.7	0.6 0.4	-0.1 0.6	-1.9 -2.6
Oct	-1.2	-8.1	-1.0	4.4	1.8	-9.7	0.4	-1.9	-1.3	0.1	-2.7
Nov	2.3	7.8	1.4	4.3	-0.2	9.6	-0.6	3.3	0.3	1.0	6.1
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 Feb	-0.3 [†] -0.7	1.6 -2.0	[⊤] -1.0 -0.1	1.9 -3.4	т 1.0 ^т -0.4	1.5 [⊤] -2.6	-0.6 1.2	· -3.7 -1.0	0.2 [†] 0.2	-0.1 ^T	1.3 -2.6
Percentage cha	nge, latest 3 mo	nths on same	3 months a yea	r ago²							
2014 Dec	1.3	-0.3	2.8	-3.8	-2.5	-2.5	9.9	1.1	4.3	3.0	-3.2
2015 Jan	1.2	0.6	2.4	-2.8	-3.3	-1.7	8.6	2.1	2.7	2.8	-2.3
Feb	1.0	-0.1	1.6	2.2	-3.5	-3.3	6.0	0.8	1.5	2.9	-0.7
Mar Apr	1.2 1.2	1.6 2.3	1.1 0.6	3.8 4.4	-1.9 0.9	-0.6 1.0	3.3 1.9	1.2 -0.8	-0.4	2.6 2.6	1.5 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	10.5	-0.4	-1.2	6.5	13.9	3.0	-0.1	-2.1	0.5	5.2
Aug Sep	1.4 1.3	14.0 13.4	-0.7 -0.8	-2.6 -1.2	6.9 5.8	18.3 17.7	1.3 -2.0	-0.6 0.1	-2.0 -1.8	0.1 -0.8	6.4 7.0
Oct	1.7	12.9	-0.8	1.1	4.3	17.3	-2.0	1.0	-1.0	-0.8	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	4.3	-0.6	1.1	5.6	10.4	-1.5	1.6	-0.6	-4.0	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 Aug	1.6 1.4	1.2 2.0	1.1 1.0	2.8 1.7	4.5 4.3	4.6 5.6	-0.8 -0.3	1.0 0.8	3.1 2.8	-1.8 -1.9	3.2 3.0
Sep	1.4	2.0	0.9	-0.8	4.3	5.6	-0.3	-0.3	2.8	-1.9	3.0
Oct	0.2	-3.8	0.5	-1.4	6.0	-1.5	3.2	-1.3	1.7	-0.7	-1.5
Nov Dec	0.7 1.9	-3.6 -3.0	0.8 2.0	1.1 5.4	6.2 5.3	-1.4 -0.8	2.4 3.2	-1.0 0.6	1.7 2.7	0.1 1.3	-0.4 1.7
2017 Jan	3.3	1.9	2.9	7.9	[⊤] 4.3 [⊺]	4.5 ⊺	3.5	^T 2.1	· 3.7 [™]	2.0	5.2

 † 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.

			Broad ind	ustry groups				Ma	in industrial group	ings	
	Production industries	Mining and quarrying	Manufacturing	Electricity, gas, steam and air conditioning	Water supply, sewerage and waste management	Oil and gas extraction	Consumer durables	Consumer non-durables	Capital goods	Intermediate goods	Energy
Section	B+C+D+E	В	С	D	E	06	MIG-CD	MIG-CND	MIG-CAG	MIG-IG	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 3 mo	nths on previo	ous 3 months ²								
2014 Dec	0.3	1.4	0.3	-2.1	1.3	1.0	2.5	0.1	0.8	-	-0.5
2015 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2016 Jan Feb Mar	0.3 0.2 0.4 0.6 0.8 0.6 0.8 0.1 0.1 0.6 0.3 -0.4 -1.2 -0.3	0.2 -0.4 1.8 3.6 7.6 8.1 6.6 3.4 1.7 2.0 -0.6 -2.3 -5.3 -5.3 -4.4 -2.6	0.4 -0.1 -0.2 -0.5 -1.1 -0.9 -0.4 0.4 0.4 0.4 0.1 -0.2 -0.5 -0.3	-0.1 2.9 2.1 0.1 -2.2 -2.5 -0.7 0.3 1.4 1.9 1.3 -2.2 -4.9 -5.0 0.4	4.0 3.3 2.3 -1.7 -1.6	-0.7 -1.4 2.0 5.0 11.3 12.0 9.4 4.4 2.0 2.7 -0.4 -2.3 -5.3 -3.5 -0.6	2.0 -0.2 -2.6 -3.9 -2.6 -0.2 0.9 0.7 -1.6 -2.9 -2.1 -0.3 1.5 0.4 -0.7	0.5 - 0.4 -0.4 -0.5 -1.1 -0.3 -1.4 -0.7 1.2 2.1 0.9 -0.6 -0.6 -0.6 -0.6	-1.2 -2.2 -2.2 -0.7 -0.7 0.5 -1.4 -0.6 -0.9 1.1 0.5 0.3 -0.1 -0.3 -0.4	0.8 1.2 1.3 0.9 -0.5 -1.1 -1.6 -0.8 -1.1 -0.9 -1.0 -1.1 -0.9 -1.2 -0.7	-0.2 0.9 2.0 2.2 3.4 3.6 3.5 2.2 1.8 2.4 0.7 -1.8 -4.6 -4.1 -0.6
Apr May Jun Jul Aug Sep Oct	1.0 2.0 2.2 1.1 0.3 -0.4 -0.8	1.3 2.2 2.3 3.4 5.1 4.5 -3.0	0.3 1.2 1.8 0.6 -0.3 -0.7 -0.2	5.1 7.7 5.6 -2.0 -4.3 -2.2	1.7 1.8 2.0 2.2 1.0 -0.1 -0.4	3.7 3.9 2.8 3.7 5.8 5.5 5.5 -3.3	-1.0 0.5 1.7 1.6 0.9 1.2 1.1	1.4 1.4 1.8 -1.0 -2.0 -2.4 -1.1	-0.1 1.7 3.0 2.2 0.9 -0.4 -0.3	-0.7 0.2 0.6 0.1 - 0.3	3.3 4.7 3.5 2.3 1.9 0.9 -2.3
Nov Dec	-0.5 0.4	-6.1 -6.9	0.4 1.2	0.8 4.0	0.2 0.9	-7.0 -8.0	0.5 1.1	0.3 1.8	-0.5 0.5	1.0 1.4	-2.7 -2.0
2017 Jan Feb	1.9 1.6	0.3 1.3	[™] 2.1 2.1	4.1 -0.1	T 0.8 T 0.5	0.5 [†] 1.6	1.8 3.6	[⊤] 2.8 1.5	1.9 [⊺] 3.3	1.8 1.4	2.0 0.4

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.

						Basic
	Food products, beverages	Textiles, wearing apparel and	Wood and paper products	Coke and refined petroleum	Chemicals and chemical	pharmaceutica products and
	and tobacco	leather products	and printing	products	products	preparations
ection	CA	CB	CC	CD	CE	CF
atest weight	114.2	25.4	51.0	9.2	39.8	58.7
	K22B	K22P	K22T	K22X	K22Z	K239
012	101.7	104.6	97.8	102.0	101.1	102.7
013	100.0	100.0	100.0	100.0	100.0	100.0
014	104.2	97.3	101.1	91.1	102.8	95.0
015	104.0	97.1	101.5	93.5	108.9	95.6
016	105.1	93.2	101.5	91.7	106.3	99.4
015 Q4	104.6	96.5	101.6	101.0	108.2	96.9
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	105.2	95.1	101.1	91.6	107.6	95.4
Q4	105.0	93.6	102.1	95.4	106.6	104.4
015 Dec	104.6	95.5	100.8	97.2	106.2	95.7
016 Jan	105.1	97.3	101.4	95.2	106.3	92.6
Feb	105.5	90.7	99.5	95.2	104.9	98.6
Mar	103.4	89.0	100.1	83.5	104.7	99.0
Apr	104.9	94.2	101.8	82.9	106.3	107.3
May Jun	106.3 105.1	88.3 92.2	103.5 102.1	92.5 93.9	106.0 104.7	98.8 97.6
Jul Aug	104.9 105.1	94.8 95.4	100.9 101.2	91.7 89.2	107.2 106.6	92.8 95.1
Sep	105.7	95.2	101.2	93.9	100.0	98.2
Oct	104.6	92.7	100.8	95.7	107.0	94.8
Nov	104.8	92.7	102.8	97.3	106.4	104.9
Dec	105.6	95.4	102.7	93.1	106.3	113.5
017 Jan Feb	104.3 105.2	96.8 [†] 99.7	105.1 103.5	[™] 92.0 91.2	109.1 ⁺ 106.8	99.2 94.8
ercentage cha	ange, latest year or	n previous year				
012	-2.6	-3.4	-5.3	-10.1	-1.9	-5.8
013	-1.7	-4.4	2.3	-1.9	-1.1	-2.6
014	4.2	-2.7	1.1	-8.9	2.8	-5.0
015 016	-0.1 1.0	-0.3 -4.1	0.4	2.7 -1.9	6.0 -2.4	0.6 4.0
				-1.5	-2.4	4.0
-	-	on same month a ye	-			_
014 Dec	5.6	-9.8	-0.8	-10.4	1.4	-5.4
015 Jan	2.5	-9.9	3.1	-2.7	4.9	7.7
		-5.1		3.7	10.4	-5.5
Feb	0.7		1.8	7.0		
Feb Mar	0.4	-1.0	3.9	-7.3 -7.8	7.3	
Feb				-7.3 -7.8 -6.3		-7.1
Feb Mar Apr	0.4 -1.3	-1.0 -3.0	3.9 2.4	-7.8	7.3 8.2	-7. 6.
Feb Mar Apr May Jun Jul	0.4 -1.3 -0.1 -0.7 -1.0	-1.0 -3.0 -6.5 3.9 6.1	3.9 2.4 -0.1 -1.0	-7.8 -6.3 -4.0 9.6	7.3 8.2 3.4 7.1 5.2	-7. 6.0 -2.2
Feb Mar Apr May Jun Jul Aug	0.4 -1.3 -0.1 -0.7 -1.0 -0.7	-1.0 -3.0 -6.5 3.9 6.1 -3.5	3.9 2.4 -0.1 -1.0 -0.7 -2.7	-7.8 -6.3 -4.0 9.6 9.3	7.3 8.2 3.4 7.1 5.2 8.6	-7. 6.0 -2.1 -0.3 -1.1
Feb Mar Apr Jun Jun Jul Aug Sep	0.4 -1.3 -0.1 -0.7 -1.0 -0.7 0.6	-1.0 -3.0 -6.5 3.9 6.1 -3.5 2.4	3.9 2.4 -0.1 -1.0 -0.7 -2.7 -1.0	-7.8 -6.3 -4.0 9.6 9.3 10.2	7.3 8.2 3.4 7.1 5.2 8.6 4.5	-7. 6.0 -2.2 -0.3 -1. 2.5
Feb Mar Apr Jun Jul Aug Sep Oct	0.4 -1.3 -0.1 -0.7 -1.0 -0.7 0.6 -0.3	-1.0 -3.0 -6.5 3.9 6.1 -3.5 2.4 6.8	3.9 2.4 -0.1 -1.0 -0.7 -2.7 -1.0 -1.6	-7.8 -6.3 -4.0 9.6 9.3 10.2 11.9	7.3 8.2 3.4 7.1 5.2 8.6 4.5 5.7	-7. 6.0 -2.2 -0.3 -1.7 2.5 9.7
Feb Mar Apr Jun Jul Aug Sep	0.4 -1.3 -0.1 -0.7 -1.0 -0.7 0.6	-1.0 -3.0 -6.5 3.9 6.1 -3.5 2.4	3.9 2.4 -0.1 -1.0 -0.7 -2.7 -1.0	-7.8 -6.3 -4.0 9.6 9.3 10.2	7.3 8.2 3.4 7.1 5.2 8.6 4.5	-7. 6. -2. -0. -1. 2. 9. -1.
Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 016 Jan	0.4 -1.3 -0.1 -0.7 -1.0 -0.7 0.6 -0.3 -0.4 -1.3 0.2	-1.0 -3.0 -6.5 3.9 6.1 -3.5 2.4 6.8 2.8 6.8 5.5	3.9 2.4 -0.1 -1.0 -0.7 -2.7 -1.0 -1.6 0.7 0.8 -2.3	-7.8 -6.3 -4.0 9.6 9.3 10.2 11.9 14.1 2.9 4.3	7.3 8.2 3.4 7.1 5.2 8.6 4.5 5.7 4.6 2.4 -2.4	-7. 6.(-2.2 -0.(-1.) 2.5 9. -1.(-1.(
Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 016 Jan Feb	0.4 -1.3 -0.1 -0.7 -1.0 -0.7 0.6 -0.3 -0.4 -1.3 0.2 1.0	-1.0 -3.0 -6.5 3.9 6.1 -3.5 2.4 6.8 2.8 6.8 6.8 5.5 -6.4	3.9 2.4 -0.1 -1.0 -0.7 -2.7 -1.0 -1.6 0.7 0.8 -2.3 -3.2	-7.8 -6.3 -4.0 9.6 9.3 10.2 11.9 14.1 2.9 4.3 -2.8	7.3 8.2 3.4 7.1 5.2 8.6 4.5 5.7 4.6 2.4 -2.4 -6.0	0.8 -7.1 6.0 -2.2 -0.3 -1.1 2.5 9.1 -1.0 -1.6 -1.6 -1.8 -1.8 -1.8 -1.8 -1.8 -1.8 -1.8 -1.8
Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 016 Jan Feb Mar	0.4 -1.3 -0.1 -0.7 -1.0 -0.7 0.6 -0.3 -0.4 -1.3 0.2 1.0 -0.8	-1.0 -3.0 -6.5 3.9 6.1 -3.5 2.4 6.8 2.8 6.8 2.8 6.8 5.5 -6.4 -10.7	3.9 2.4 -0.1 -1.0 -0.7 -2.7 -1.0 -1.6 0.7 0.8 -2.3 -2.3 -2.2	-7.8 -6.3 -4.0 9.3 10.2 11.9 14.1 2.9 4.3 -2.8 -3.6	7.3 8.2 3.4 7.1 5.2 8.6 4.5 5.7 4.6 2.4 -2.4 -6.0 -4.9	-7.1 6.0 -2.2 -0.5 -1.1 2.5 9.1 -1.1 -1.6 -1.6 .6.8
Feb Mar Apr May Jul Aug Sep Oct Nov Dec D16 Jan Feb Mar Apr	0.4 -1.3 -0.1 -0.7 -1.0 -0.7 -0.6 -0.3 -0.4 -1.3 0.2 1.0 -0.8 2.0	-1.0 -3.0 -6.5 3.9 6.1 -3.5 2.4 6.8 2.8 6.8 5.5 -6.4 -10.7 -4.4	3.9 2.4 -0.1 -1.0 -0.7 -2.7 -1.0 -1.6 0.7 0.8 -2.3 -3.2 -2.2 -0.2	-7.8 -6.3 -4.0 9.6 9.3 10.2 11.9 14.1 2.9 4.3 -2.8 -3.6 -3.4	7.3 8.2 3.4 7.1 5.2 8.6 4.5 5.7 4.6 2.4 -2.4 -6.0 -4.9 -4.6	-7. 6.0 -2.2 -0.3 -1. 9. -1.0 -1.8 6.8 1. 16.0
Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec D16 Jan Feb Mar	0.4 -1.3 -0.1 -0.7 -1.0 -0.7 0.6 -0.3 -0.4 -1.3 0.2 1.0 -0.8	-1.0 -3.0 -6.5 3.9 6.1 -3.5 2.4 6.8 2.8 6.8 2.8 6.8 5.5 -6.4 -10.7	3.9 2.4 -0.1 -1.0 -0.7 -2.7 -1.0 -1.6 0.7 0.8 -2.3 -2.3 -2.2	-7.8 -6.3 -4.0 9.3 10.2 11.9 14.1 2.9 4.3 -2.8 -3.6	7.3 8.2 3.4 7.1 5.2 8.6 4.5 5.7 4.6 2.4 -2.4 -6.0 -4.9	-7. 6.(-2.; -0.; -1.; 2.; 9. -1.(6.; 1. 1. 1. -1.;
Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Olf6 Jan Feb Mar Apr May Jun Jul	0.4 -1.3 -0.1 -0.7 -1.0 -0.7 -0.6 -0.3 -0.4 -1.3 0.2 1.0 -0.8 2.0 3.2 2.2 2.2 1.5	-1.0 -3.0 -6.5 3.9 6.1 -3.5 2.4 6.8 2.8 6.8 5.5 -6.4 -10.7 -4.4 -13.3 -8.6 -4.0	3.9 2.4 -0.1 -1.0 -0.7 -2.7 -1.0 -1.6 0.7 0.8 -2.3 -3.2 2 -2.2 -0.2 2.8 2.5 0.8	-7.8 -6.3 -4.0 9.6 9.3 10.2 11.9 14.1 2.9 4.3 -2.8 -3.6 -3.4 7.8 12.2 -5.0	7.3 8.2 3.4 7.1 5.2 8.6 4.5 5.7 4.6 2.4 -2.4 -6.0 -4.9 -4.6 -0.4 -2.8 -1.5	-7: 6.(-2.; -0.; -1. 2.) 9: -1.(6.; 1.; 16.(1.; 7.; -3.;
Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 016 Jan Feb Mar Apr May Jun Jul Aug	0.4 -1.3 -0.1 -0.7 -1.0 -0.7 0.6 -0.3 -0.4 -1.3 0.2 1.0 -0.8 2.0 3.2 2.2 1.5 1.0	-1.0 -3.0 -6.5 3.9 6.1 -3.5 2.4 6.8 2.8 6.8 5.5 -6.4 -10.7 -4.4 -13.3 -8.6 -4.0 5.5	3.9 2.4 -0.1 -1.0 -0.7 -2.7 -1.0 -1.6 0.7 0.8 -2.3 -3.2 -2.2 -0.2 2.8 2.5 0.8 0.6	-7.8 -6.3 -4.0 9.6 9.3 10.2 11.9 14.1 2.9 4.3 -2.8 -3.6 -3.4 -3.4 -7.8 12.2 -5.0 -7.8	7.3 8.2 3.4 7.1 5.2 8.6 4.5 5.7 4.6 2.4 -2.4 -6.0 -4.9 -4.6 -0.4 -2.8 -1.5 -2.1	-7. 6.0. -2.2 -0.3 -1.1 2.5 9. -1.0 -1.1 6.8 1. 16.0 -1.2 7.4 -3.4 -0.5
Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 016 Jan Feb Mar Apr May Jun Jul Aug Sep	0.4 -1.3 -0.1 -0.7 -1.0 -0.7 0.6 -0.3 -0.4 -1.3 0.2 1.0 -0.8 2.0 3.2 2.2 2.2 2.2 1.5 1.0 0.9	-1.0 -3.0 -6.5 3.9 6.1 -3.5 2.4 6.8 2.8 6.8 2.8 6.8 5.5 -6.4 -10.7 -4.4 -13.3 -8.6 -4.0 5.5 -1.4	3.9 2.4 -0.1 -1.0 -0.7 -2.7 -1.0 -1.6 0.7 -2.3 -2.2 -0.2 2.8 2.5 0.8 2.5 0.8 0.6 0.5	-7.8 -6.3 -4.0 9.6 9.3 10.2 11.9 14.1 2.9 4.3 -2.8 -3.6 -3.4 7.8 12.2 -5.0 -7.8 -4.7	7.3 8.2 3.4 7.1 5.2 8.6 4.5 5.7 4.6 2.4 -2.4 -2.4 -0.4 -2.8 -1.5 -2.1 0.1	-7. 6.0 -2.2 -0.3 -1. 2.9 9. -1.0 -1.6 6.6 1. 16.0 -1.2 7.4 -3.4 -0.9 0.9
Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 016 Jan Feb Mar Apr May Jun Jul Aug Sep Oct	0.4 -1.3 -0.1 -0.7 -1.0 -0.7 0.6 -0.3 -0.4 -1.3 0.2 1.0 -0.8 2.0 3.2 2.2 2.2 1.5 1.0 9.09 -0.1	$\begin{array}{c} -1.0\\ -3.0\\ -6.5\\ 3.9\\ 6.1\\ -3.5\\ 2.4\\ 6.8\\ 2.8\\ 6.8\\ 2.8\\ 6.8\\ 5.5\\ -6.4\\ -10.7\\ -4.4\\ -13.3\\ -8.6\\ -4.0\\ 5.5\\ -1.4\\ -5.6\end{array}$	3.9 2.4 -0.1 -1.0 -0.7 -2.7 -1.0 -1.6 0.7 0.8 -2.3 -3.2 -2.2 -0.2 2.8 2.5 0.8 0.6 0.5 -0.5 -0.2	-7.8 -6.3 -4.0 9.6 9.3 10.2 11.9 14.1 2.9 4.3 -2.8 -3.6 -3.4 7.8 12.2 -5.0 -7.8 -4.7 -6.6	7.3 8.2 3.4 7.1 5.2 8.6 4.5 5.7 4.6 2.4 -2.4 -2.4 -0.0 -4.9 -4.6 -0.4 -2.8 -1.5 -2.1 0.1 -1.6	-7. 6.0 -2.2 -0.3 -1. 2.9 9. -1.0 -1.4 6.8 1. -1.4 7.4 -1.2 7.4 -3.4 -0.9 0.9 -5
Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 016 Jan Feb Mar Apr May Jun Jul Aug Sep	0.4 -1.3 -0.1 -0.7 -1.0 -0.7 0.6 -0.3 -0.4 -1.3 0.2 1.0 -0.8 2.0 3.2 2.2 2.2 2.2 1.5 1.0 0.9	-1.0 -3.0 -6.5 3.9 6.1 -3.5 2.4 6.8 2.8 6.8 2.8 6.8 5.5 -6.4 -10.7 -4.4 -13.3 -8.6 -4.0 5.5 -1.4	3.9 2.4 -0.1 -1.0 -0.7 -2.7 -1.0 -1.6 0.7 -2.3 -2.2 -0.2 2.8 2.5 0.8 2.5 0.8 0.6 0.5	-7.8 -6.3 -4.0 9.6 9.3 10.2 11.9 14.1 2.9 4.3 -2.8 -3.6 -3.4 7.8 12.2 -5.0 -7.8 -4.7	7.3 8.2 3.4 7.1 5.2 8.6 4.5 5.7 4.6 2.4 -2.4 -2.4 -0.4 -2.8 -1.5 -2.1 0.1	-7. 6.0 -2.2 -0.3 -1. 2.9 9. -1.0 -1.6 6.6 1. 16.0 -1.2 7.4 -3.4 -0.9 0.9
Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 016 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov	0.4 -1.3 -0.1 -0.7 -1.0 -0.7 0.6 -0.3 -0.4 -1.3 0.2 1.0 -0.8 2.0 3.2 2.2 2.2 1.5 1.0 0.9 -0.1 -0.5	$\begin{array}{c} -1.0\\ -3.0\\ -3.5\\ 3.9\\ 6.1\\ -3.5\\ 2.4\\ 6.8\\ 2.8\\ 6.8\\ 2.8\\ 6.8\\ 5.5\\ -6.4\\ -10.7\\ -4.4\\ -13.3\\ -8.6\\ -4.0\\ 5.5\\ -1.4\\ -5.6\\ -3.4\\ -0.1\end{array}$	3.9 2.4 -0.1 -1.0 -0.7 -2.7 -1.0 -1.6 0.7 0.8 -2.3 -3.2 -2.2 -0.2 2.8 2.5 0.8 0.6 0.5 -0.2 -0.1	-7.8 -6.3 -4.0 9.6 9.3 10.2 11.9 14.1 2.9 4.3 -2.8 -3.6 -3.4 7.8 12.2 -5.0 -7.8 -4.7 -6.6 -5.8 -4.2	7.3 8.2 3.4 7.1 5.2 8.6 4.5 5.7 4.6 2.4 -2.4 -6.0 -4.9 -4.6 -0.4 -2.8 -1.5 -2.1 0.1 -1.6 -3.0	-7. 6.0 -2.1 -0.3 -1. 2.2 9. -1.0 -1.1 6.1 16.1 16.1 -1.1 7 -3.0 -0.9 -5.5 -11.

1 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

Seasonally adjusted 2013 = 100 Rubber and Machinery and plastic products and non-metallic Basic metals and metal Computer, electronic and equipment not elsewhere Other manufacturing Electrical Transport mineral products products optical products classified and repair equipment equipment СН CI CJ СМ Section CG СК CL 36.2 64.4 55.0 83.1 20.9 50.6 92.0 Latest weight K23B K23G K23N K23P K23R K23T K23Z 102.9 104.9 100.0 95.6 2012 102.8 102.1 113.4 92.9 100.0 100.0 100.0 100.0 2013 100.0 100.0 2014 113.1 101.5 103.9 96.8 104.3 103.5 105.6 2015 109.8 101.9 102.0 98.1 91.1 109.6 103.7 2016 101.0 92.5 107.3 112.3 100.7 90.0 113.5 2015 Q4 109.5 99.3 100.6 97.0 88.2 112.0 102.0 2016 Q1 111.2 113.7 101.3 98.3 94.2 88.1 109.8 106.6 Q2 100.1 100.6 91.8 90.0 116.0 107.6 03 111.9 100.2 101.0 89.9 90.4 113.9 107.9 Q4 104.2 91.4 114.1 112.5 101.2 93.9 107.3 2015 Dec 109.6 98.5 102.0 96.0 111.2 103.9 89.4 102.0 111.0 107.3 2016 Jan 111.9 100.6 94.8 87.4 Feb 111.1 100.9 97.4 95.0 87.0 107.5 105.9 927 110.8 Mar 110.6 100.9 96.8 90.0 106.6 114.6 93.4 91.8 99.6 99.4 116.6 106.1 Apr May 113.5 100.4 101.5 90.0 89.6 116.3 106.6 100.8 115.1 Jun 112.9 100.3 92.0 88.6 110.0 100.5 100.4 897 108.3 Jul 111.8 89.9 113.1 111.2 99.9 101.6 89.1 91.1 115.3 106.2 Aug Sep 112.6 100.1 101.0 90.9 90.1 113.4 112.9 109.2 107.7 Oct 111.8 99.0 102.1 92.5 89.3 Nov 113.2 100.0 101.9 95.8 91.4 114.3 105.1 Dec 112.6 104.7 108.7 93.4 93.5 115.3 109.2 2017 Jan 113.1 100.8 105.5 93.0 94.3 ¹ 118.3 109.8 Feb 112.5 100.9 105.5 95.1 95.4 118.5 110.9 Percentage change, latest year on previous year -4.2 -2.8 2.9 -2.8 0.5 -2.1 4.4 7.6 2012 10.9 1.1 -11.8 -6.3 4.6 2013 -4.7 3.5 5.9 13.1 1.5 3.9 -3.2 4.3 -12.7 5.6 2014 2015 -3.0 04 -18 1.3 -1.8 -5.7 2.3 -1.2 -1.0 -1.2 3.5 2016 3.5 Percentage change, latest month on same month a year ago 2014 Dec 10.0 -0.6 15.1 2.1 -1.2 9.9 0.5 2015 Jan 0.1 1.5 -0.3 -10.3 6.4 -0.6 -1.4 -0.1 -0.5 3.5 3.7 3.0 0.7 -9.9 -11.7 6.5 4.3 Feb -0.7 1.5 Mar 0.9 2.8 Apr May -3.4 -3.1 3.1 -1.3 2.6 -9.3 3.9 1.9 -15.1 0.5 0.8 4.2 7.8 0.7 -2.3 7.7 Jun 3.0 -3.0 -14.7 3.3 -0.6 2.7 -3.6 0.1 -0.5 -0.8 -16.6 -4.2 Jul Aug -6.1 -1.2 -0.4 4.7 -12.8 10.7 -8.1 Sen -4.0 -1.4 -6.4 2.5 -12.9 7.0 -1.3 Oct -4.3 -0.5 -4.2 6.6 -14.6 8.9 -8.8 Νον -4.0 -3.6 -5.8 -02 -13.1 4.8 -4.6 -4.5 -3.5 4.4 -3.5 -9.4 -0.1 Dec -11.6 2016 Jan 1.0 -1.7 -1.7 -2.0 -6.8 4.3 2.0 0.3 -4.1 -3.4 -0.4 Feb -3.3 -9.0 1.1 -0.5 3.8 -3.2 -4.7 -5.7 -3.1 -4.1 -4.0 Mar -6.7 3.4 8.3 -0.6 -6.1 Apr 4.3 3.0 0.5 0.6 -8.7 -0.8 May 5.8 2.6 Jun -4.8 -6.2 -6.7 -2.0 4.9 5.3 1.8 2.9 -7.7 Jul 0.8 -1.7 1.4 5.2 6.4 -0.3 -8.7 2.0 3.0 5.6 Aug -1.8 Sep 2.9 -0.3 -0.7 -8.9 -0.9 1.9 4.5 Oct 19 -12 19 -5.6 19 -0.5 97 3.8 2.4 Nov 0.9 -1.2 4.5 2.6 1.1 Dec 2.7 6.3 6.5 -2.7 4.7 3.7 5.1 2017 Jan 1.2 -1.1 † 4.9 † -2.0 7.9 6.6 2.3 1 Feb 1.3 8.3 0.1 9.6 10.2 4.8

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

	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
ataat walabt	114.2	25.4	51.0	9.2	39.8	58.7
atest weight	K22B	K22P	K22T	K22X	K22Z	K239
Percentage cha	ange. latest month	on previous month				
•	•		0.1			0.0
014 Dec	0.9	-4.3	-2.1	4.4	-1.1	0.3
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	2.9	-0.5	-8.3	-1.2	6.0
Apr	-1.3	-1.1 3.4	-0.3 -1.3	-1.0	1.2 -4.5	-5.5
May Jun	0.1 -0.2	-1.0	-1.3	-2.4	-4.5	8.1 -9.2
				-2.4		
Jul Aug	0.6 0.6	-2.0 -8.4	0.4 0.4	15.3 0.3	1.0 0.1	5.7 -0.5
Sep	0.0	6.7	1.1	1.8	-	1.8
Oct	-0.1	1.8	-0.6	4.1	-0.2	3.4
Nov	-0.1	-2.3	1.8	0.8	0.9	-6.0
Dec	-0.1	-0.5	-2.0	-5.9	-3.2	1.3
016 Jan	0.5	1.9	0.6	-2.1	0.1	-3.2
Feb	0.5	-6.8	-1.9	-3.6	-1.3	6.5
Mar	-2.0	-1.9	0.6	-9.0	-0.1	0.4
Apr	1.5	5.9	1.8	-0.7	1.5	8.4
May Jun	1.3 -1.1	-6.2 4.4	1.6 -1.3	11.5 1.5	-0.3 -1.2	-7.9
Jul Aug	-0.2 0.1	2.8 0.6	-1.2 0.3	-2.3 -2.7	2.4 -0.5	-4.9 2.4
Sep	0.6	-0.2	0.5	5.2	2.2	3.2
Oct	-1.0	-2.6	-0.3	2.0	-1.9	-3.4
Nov	0.2	0.1	1.9	1.6	-0.5	10.6
Dec	0.8	2.8	-	-4.3	-0.1	8.2
017 Jan	-1.2		2.3		2.6 [†]	
Feb	0.8	3.0	-1.6	-0.8	-2.1	-4.4
ercentage cha	ange, latest 3 mont	hs on same 3 montl	ns a year ago			
014 Dec	6.1	-9.7	2.1	-4.0	2.4	-5.4
015 Jan	4.7	-9.6	2.0	-5.6	3.4	-0.3
Feb	2.9	-8.2	1.4	-3.5	5.5	-1.5
Mar	1.2	-5.4	2.9	-2.2	7.5	0.7
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	-1.2
Jul	-0.6	0.8	-0.6	-0.3	5.2	1.2
Aug	-0.8	2.2	-1.5	5.0	7.0	-1.2
Sep	-0.4	1.7	-1.5	9.7	6.1	0.4
Oct Nov	-0.1	1.9 4.0	-1.8 -0.6	10.5 12.1	6.2 4.9	3.4 3.5
Dec	-0.7	5.4	-	9.6	4.3	2.6
016 Jan	-0.5	5.0	-0.3	7.1	1.5	-0.9
Feb	-	1.8	-1.6	1.4	-2.1	1.6
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 Jun	1.5 2.5	-9.5 -8.8	0.1 1.7	0.2 5.5	-3.4 -2.7	5.0 7.1
Jul	2.3	-8.7	2.0	4.5	-1.6	0.8
Aug	1.6	-2.6	1.3 0.3	-0.8	-2.1 -1.2	1.0 -1.0
Sep Oct	1.1 0.6	-0.1 -0.7	0.3	-5.8 -6.4	-1.2	-1.0
Nov	0.3	-0.7 -3.5	-0.3	-0.4 -5.7	-1.2	-1.6
Dec	0.3	-3.1	0.5	-5.6	-1.5	7.8
017 Jan	0.2	· -1.3 [·]	1.8	т -4.5	-0.1 ^T	12.3
	0.2	3.0	3.2	-2.8	1.5	7.5

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

atest weight 65.0 83.1 36.2 20.9 50.6 92.0 6 Vercentage change, latest month on previous month 014 Dec 1.0 -0.7 6.5 2.4 0.3 0.1 $-$ 015 Jan -3.5 1.7 -9.1 -2.8 -7.2 $-$ Mar 0.4 0.9 1.9 1.0 -1.7 -0.7 -0.7 Mar 0.4 0.9 1.9 1.0 -1.7 -0.7 Mar 0.4 0.9 1.9 1.0 -1.7 -0.7 Mar 0.4 0.9 1.9 1.0 -1.7 -0.7 Jui 0.6 5.5 6.5 -1.5 -1.9 -2.0 -0.7 Aug -1.6 2.2 -0.1 -0.2 -0.7 -1.4 -0.2 -0.7 Gen 0.7 2.1 -0.6 -2.4 -3.5 -3.1 -0.6 D			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
Kass Holp, K23B K23G K23N K23P K23R K23T K2 Vareantage change, latest month on previous month 0114 Dec 1.0 -0.7 6.5 2.4 0.3 0.1 - 015 Jan 3.5 1.7 -9.1 2.8 -7.2 - - May -0.8 0.3 - - 0.1 1.6 0.5 2.0 - Jun 0.6 5.5 6.5 - 0.1 1.6 0.2 - Jun 0.6 5.5 6.5 - 0.1 -0.2 - Jun 0.6 5.7 6.6 - 0.1 -0.2 - Jun 0.6 6.1.1 0.6 -1.0 0.1 1.8 - Nov -0.6 1.1 0.6 -1.0 0.1 1.8 - May 0.9 0.7 2.1 -3.7 2.4 -0.3 - <t< td=""><td>Sectio</td><td>n</td><td>CG</td><td>СН</td><td>CI</td><td>CJ</td><td>СК</td><td>CL</td><td>CN</td></t<>	Sectio	n	CG	СН	CI	CJ	СК	CL	CN
K236 K230 K237 K237 K237 K237 K237 bit Dec 1.0 -0.7 6.5 2.4 0.3 0.1 - 015 Jan -3.5 1.7 -9.1 2.8 -7.2 - Mar 0.4 0.9 1.9 1.0 1.7 -0.7 - Mar 0.4 0.9 1.9 1.0 1.7 -0.7 - Mar 0.4 0.9 1.9 1.0 1.7 -0.7 - Mar 0.4 0.9 1.9 1.0 1.7 -0.1 -0.2 - Jun 0.6 5.5 6.5 - -0.1 -0.2 - Aug 1.6 2.2 0.2 -	atest	weiaht	55.0	83.1	36.2	20.9	50.6	92.0	64.4
Other 1.0 -0.7 6.5 2.4 0.3 0.1 O15 Jan -3.5 1.7 -9.1 -2.8 -7.2 .5 Petr -4 1.4 -1.9 1.7 1.9 1.5 -7 Apr -0.6 -0.5 -0.1 -0.2 -0.1 -0.2 -0.1 May -1.3 -4.5 -1.7 -0.9 -6.5 2.0 -0.1 -0.2 Jul 0.2 -5.4 -5.0 -1.5 -1.9 -2.0 -4.1 Sep 1.2 -1.4 -0.2 -0.4 -0.2 -0.1 -0.2 Aug 0.5 -0.7 -2.4 -1.0 -2.1 -0.2 -1.1 -0.2 ONV 0.6 -0.7 -1.0 -3.1 0.2 -0.4 -0.2 -0.1 -0.2 Mar -0.4 -1.3 -2.7 0.8 2.0 0.3 -0.1 -0.2 -0.4 -2.5 -1.1 -1.6 Mar -0.6 -2.4 -1.0 -2.1 <th< td=""><td></td><td>- 5 -</td><td>K23B</td><td>K23G</td><td>K23N</td><td>K23P</td><td>K23R</td><td>K23T</td><td>K232</td></th<>		- 5 -	K23B	K23G	K23N	K23P	K23R	K23T	K232
	erce	ntage ch	nange, latest month o	on previous mont	h				
Feb . 1.4 -1.5 1.7 1.9 1.5 . Mar 0.4 0.9 1.9 1.0 -1.7 0.7 . Apr 0.8 0.3 . 0.1 1.8 0.5 2.0 . Jul 0.6 5.5 6.5 . 0.1 1.0 1.7 0.7 Aug 1.6 2.2 0.2 0.4 0.7 4.1 . Sap 1.6 2.2 0.2 0.4 0.7 4.1 . Nov 0.6 1.1 0.6 1.10 0.1 1.8 . Dec 0.5 0.7 2.4 1.0 2.1 4.2 . . Mar 0.4 0.2 0.4 -1.0 2.1 4.03 . . Mar 0.4 0.6 1.2 0.6 1.3 1.9 . Mar 0.4 0.6 0.6 -2.5 <td>014</td> <td>Dec</td> <td>1.0</td> <td>-0.7</td> <td>6.5</td> <td>2.4</td> <td>0.3</td> <td>0.1</td> <td>-4.6</td>	014	Dec	1.0	-0.7	6.5	2.4	0.3	0.1	-4.6
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	015	Jan	-3.5	1.7	-9.1	-2.8	-7.2		1.1
Apr 0.8 0.3 . 0.1 1.8 0.5 Jun 0.6 5.5 6.5 - 0.1 0.2 - Jun 0.6 5.5 6.5 - 0.1 0.2 - Aug 1.6 2.2 0.2 0.4 0.7 4.1 - Sep 1.2 -1.4 0.2 2.3 1.8 0.5 - Nov 0.6 -1.1 0.4 -1.0 0.1 - 1.8 - 2.2 - 0.2 - 0.2 - 0.2 - 0.2 - 0.2 - 0.2 - 0.2 0.4 - 0.2 0.4 - 0.2 0.4 - 0.2 0.4 - 0.2 0.4 - 0.5 0.1 0.7 2.2 1.1 1.0 0.3 0.2 0.4 0.5 0.1 0.7 2.2 1.1 1.0 0.3 0.2									-0.4
									1.8
Jun 0.6 5.5 6.5 . 0.1 -0.2 Jul 0.2 -5.4 5.0 -1.5 -1.9 -2.0 - Aug -1.6 2.2 0.2 0.4 0.7 -1.1 - Sep 1.2 -1.4 0.2 2.3 1.8 -0.5 Oct 0.3 0.2 -1.4 -1.8 -3.5 1.9 - Nov -0.6 -1.1 -0.6 -1.0 -0.1 -1.8 - - - -0.6 -2.4 -0.2 - - - - -0.6 -2.4 -3.5 -1.1 - -0.2 - - - - - -0.6 -2.4 -3.5 -1.1 -									0.1
Jul 0.2 -5.4 -5.0 -1.5 -1.9 -2.0 -4 Aug -1.6 2.2 -0.2 0.4 0.7 4.1 -5 Sep 1.2 -1.4 -0.2 2.3 1.8 -0.5 -5 Nev 0.6 -1.1 0.6 -1.0 0.1 -1.8 -2 Dec 0.5 -0.7 2.4 -1.0 2.1 -0.2 - Mar -0.4 -1.0 -3.1 -1.2 -2.2 -0.1 - Mar -0.5 -0.7 2.4 -1.0 2.1 -0.2 - Mar -0.5 -0.1 -0.7 -2.1 -0.5 3.1 - Jul -0.5 -0.1 -0.7 -2.1 -3.7 -2.4 -0.3 Jul -1.0 0.2 -0.4 -2.5 1.5 -1.8 - Jul -1.0 0.2 -0.6 1.2 -0.6 1.3 1.9 - Sep 1.2 0.1 0.6 1.2									-2.7
Aug -1.6 2.2 -0.2 0.4 0.7 4.1 - Sep 1.2 -1.4 -0.2 2.3 1.8 -0.5 -0.7 Nov -0.6 -1.1 -0.6 -1.0 -1.1 -0.2 -0.1 -1.8 Dec 0.5 -0.7 2.4 -1.0 2.1 -0.2 -0.1 Feb -0.7 1.0 -3.1 0.2 -0.4 -3.2 -0.1 Mar -0.4 - -0.6 -2.4 3.5 3.1 - Apr 3.5 -1.3 2.7 0.8 2.0 5.3 - Aug -0.9 0.7 2.1 -3.7 -2.4 -0.3 - Aug -0.5 0.1 -0.7 2.0 -1.1 -1.1 -1.0 - Aug -0.5 0.6 1.2 -0.6 1.3 1.9 - Sep 1.2 0.1 -0.6 2.0 -1.1 -1.6 - - - - - - - <td></td> <td>Jun</td> <td>0.6</td> <td>5.5</td> <td>6.5</td> <td>-</td> <td>0.1</td> <td>-0.2</td> <td>0.6</td>		Jun	0.6	5.5	6.5	-	0.1	-0.2	0.6
Sep 1.2 1.4 0.2 2.3 1.8 0.5 Oct 0.3 0.2 1.4 1.8 3.5 1.9 - Nov 0.6 1.1 0.6 1.0 0.1 1.8 - Dec 0.5 0.7 2.4 1.0 2.1 3.2 - Mar 0.4 - 0.6 2.4 3.5 3.1 - Mar 0.4 - 0.6 2.4 3.5 3.1 - Apr 3.5 -1.3 2.7 0.8 2.0 5.3 - Aug 0.5 0.6 1.2 0.6 1.3 1.9 - Aug 0.5 0.6 1.2 0.6 1.3 1.9 - Sep 1.2 0.1 0.6 2.0 -1.1 1.6 0.5 - - 1.0 0.5 - 0.5 - 0.5 - 0.5 -									-2.7
$\begin{array}{c c c c c c c c c c c c c c c c c c c $									-1.1
Nov 0.6 1.1 0.6 1.0 0.1 1.8 Dec 0.5 0.7 2.4 1.0 2.1 0.2 0.1 616 Jan 2.1 3.6 1.4 1.2 2.2 0.1 Mar 0.4 - 0.6 2.4 3.5 3.1 Apr 3.5 1.3 2.7 0.8 2.0 5.3 May 0.9 0.7 2.1 3.7 2.4 0.3 Jun 0.5 0.6 1.2 0.6 1.3 1.9 Aug 0.5 0.6 1.2 0.6 1.3 1.9 Sep 1.2 0.1 0.6 2.0 1.1 1.6 Oct 0.6 3.7 2.9 0.5 0.8 2.7 1 Nov 1.3 1.0 0.2 3.6 2.4 1.2 1.1 Old Dec 9.8 0.6 10.5 2.2									3.9
Dec 0.5 -0.7 2.4 -1.0 2.1 0.2 - 016 Jan 2.1 3.6 -1.4 -1.2 2.2 -0.1 Feb -0.7 -1.0 3.1 0.2 -0.4 -3.2 - Apr 3.5 -1.3 2.7 0.8 2.0 5.3 -1.3 Apr -0.5 -0.1 -0.7 2.1 -3.7 2.4 -0.3 Jul -1.0 0.2 -0.4 -2.5 1.5 -1.8 - Aug -0.5 -0.1 -0.6 2.0 -1.1 -1.0 - Sep 1.2 0.1 -0.6 2.0 -1.1 -1.6 - Oct -0.7 -1.1 1.1 1.8 -0.8 -0.5 -0.5 0.8 -0.7 Dec -0.6 1.0.5 -2.2 -0.4 5.2 -7 -7 Tor -0.6 0.5 -0.7 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-6.1</td></t<>									-6.1
016 Jan 2.1 3.6 -1.4 -1.2 -2.2 -0.1 Mar -0.7 -1.0 3.1 0.2 -0.4 -3.2 - Mar 0.4 - -0.6 -2.4 3.5 3.1 - Apr 3.5 -1.3 2.7 0.8 2.0 5.3 - Jun -0.5 -0.1 -0.7 2.2 -1.1 -1.0 - Aug -0.5 -0.6 1.2 -0.6 1.3 1.9 - Sep 1.2 0.1 -0.6 2.0 -1.1 -1.6 -									6.0 -0.1
Feb 0.7 1.0 3.1 0.2 0.4 3.2 3.1 Mar 0.4 $ 0.6$ 2.4 3.5 3.1 2.7 0.8 2.0 5.3 -1.3 2.7 0.8 2.0 5.3 -1.1 -1.0 Aug 0.5 0.1 -0.7 2.2 -1.1 -1.0 Aug 0.5 0.6 1.2 0.4 2.5 1.5 -1.8 -1.6 Sep 1.2 0.1 0.6 2.0 -1.1 -1.6 -1.6 Oct -0.7 -1.1 1.1 1.8 0.8 0.5 -2.5 2.3 0.7 Ott -0.6 0.6 0.6 2.5 2.3 0.7 0.5 0.6 0.5 0.7 0.5 0.6 0.6 0.5 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6 0.6	016								
$ \begin{array}{c c c c c c c c c c c c c c c c c c c $	010								3.: -1.4
Apr3.5-1.32.70.82.05.3-May-0.90.72.1-0.72.2-1.1-1.0Jul-1.00.2-0.4-2.51.5-1.8-Aug-0.5-0.61.2-0.61.31.9-Sep1.20.1-0.62.0-1.1-1.6Oct-0.7-1.11.11.8-0.8-0.5Nov1.31.0-0.23.62.41.2Dec-0.64.66.6-2.52.30.917Jan0.5-3.7-2.9-0.50.87Pecentage change, latest 3 months on same 3 months a year ago014Dec9.8-0.610.5-2.2-0.45.2015Jan6.10.66.90.1-3.86.7Feb3.21.44.21.6-7.27.6May-2.32.40.12.5-12.05.3Jun-2.92.22.41.1-10.65.7Apr-1.33.4-0.42.1-10.34.9May-2.32.40.12.5-12.05.3Jun-2.92.22.41.2-13.15.016Jan-2.92.22.60.1-15.54.6Jun-2.92.22.60.1-15.54.6Jun-3.01.22.6 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-1.4</td>									-1.4
May -0.9 0.7 2.1 -3.7 -2.4 -0.3 Jun -0.5 -0.1 -0.7 2.2 -1.1 -1.0 Aug -0.5 -0.6 1.2 -0.6 1.3 1.9 - Sep 1.2 0.1 -0.6 2.0 -1.1 -1.6 - - Nov 1.3 1.0 -0.2 3.6 2.4 1.2 - Dec -0.6 4.6 6.6 -2.5 2.3 0.9 - V Jan 0.5 7 3.7 -2.9 0.5 0.8 2.7 7 V Jan 0.5 1.3.7 -2.9 2.3 1.1 0.1 - V Jan 0.5 3.7 -2.9 2.2 -0.4 5.2 V Jan 6.1 0.6 6.9 0.1 -3.8 6.7 Jan 6.1 0.6 2.2 -0.4 5.2<									-0.5
Jun -0.5 -0.1 -0.7 2.2 -1.1 -1.0 Jul -1.0 0.2 -0.4 -2.5 1.5 -1.8 - Aug -0.5 -0.6 1.2 -0.6 1.3 1.9 - Oct -0.7 -1.1 1.1 1.8 -0.8 -0.5 - Dec -0.6 4.6 6.6 -2.5 2.3 0.9 - 117 Jan 0.5 * 3.7 -2.9 * 0.5 * 2.7 * 12 Jan 0.5 * 3.7 * 2.9 * 0.5 * 2.7 * 0.8 * 7 * 1.0		•							0.5
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 0.5 -1.1 Dec 0.06 4.6 6.6 2.2 2.36 2.4 1.2 -1.7 Dec 0.6 4.6 6.6 -2.5 2.3 0.9 -1.7 TJan 0.5 -3.7 -2.9 -0.5 0.8 7 2.7 7 ercentage change, latest 3 months on same 3 months a year ago -2.3 1.1 0.1 -1 0.1 -3.8 6.7 Feb 3.2 1.4 4.2 1.6 -7.2 7.6 7.6 Mar -0.2 2.9 -0.4 1.1 -10.6 5.7 Apr -1.3 3.4 -0.4 2.1 -10.3 4.9 May 2.3 2.4 0.1 2.5 -12.0 5.3 Jun -2.9 2.2 2.4 1.2 -13.1 5.0 Jul -3.0 1.2 2.6 0.1 -15.5 4.6 Aug -4.6 -0.8 -2.5 2.1 -14.1 6.9 Nov -4.1 -1.8 -5.5 2.9 -13.5 6.9 Dec -4.2 -2.5 -6.5 0.8 -13.1 6.0 Aug -0.1 -3.7 -4.6 -3.2 -2.8 -7.7 Dec -4.2 -2.5 -2.7 -7.1 -3.6 -3.6 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>3.2</td>									3.2
Arg 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 2.0 -1.1 -1.6 Oct -0.7 -1.1 1.1 1.8 0.8 0.5 -2.5 2.3 0.9 Dec -0.6 4.6 6.6 -2.5 2.3 0.9 -2.5 2.3 0.9 D17Jan 0.5 $^{+}$ 3.7 $^{+}$ 2.9 $^{+}$ 0.5 0.8 $^{+}$ 2.7 $^{+}$ ercentage change, latest 3 months on same 3 months a year ago -0.6 0.1 -3.8 6.7 5.2 -0.4 5.2 D14Dec 9.8 -0.6 10.5 -2.2 -0.4 5.2 -0.4 5.2 D15Jan 6.1 0.6 6.9 0.1 -3.8 6.7 -7.6 Feb 3.2 1.4 4.2 1.6 -7.2 7.6 Mar -0.2 2.9 -0.4 1.1 -10.6 5.7 Apr -1.3 3.4 -0.4 2.1 -10.3 4.9 Jun -2.9 2.2 2.4 1.2 -13.1 5.0 Jun -3.0 1.2 2.6 0.1 -15.5 4.6 -3.5 Aug -4.6 -0.8 -2.5 2.1 -14.7 5.5 -3.6 Oct -4.8 -1.0 -3.7 4.5 -13.4 8.9 -3.6 <td< td=""><td></td><td>Jul</td><td>-1.0</td><td>0.2</td><td>-0.4</td><td>-2.5</td><td>1.5</td><td>-1.8</td><td>-1.6</td></td<>		Jul	-1.0	0.2	-0.4	-2.5	1.5	-1.8	-1.6
Sep 1.2 0.1 -0.6 2.0 -1.1 -1.6 Nov 1.3 1.0 -0.2 3.6 2.4 1.2 - Dec -0.6 4.6 6.6 -2.5 2.3 0.9 - 17 Jan 0.5 7 -3.7 7 -2.9 7 -0.5 0.8 7 2.7 7 ercentage change, latest 3 months on same 3 months a year ago - 2.3 1.1 0.1 - 2.3 1.1 0.1 - - 2.3 1.1 0.1 - - - 0.4 0.6 - 0.5 0.8 7 - - 0.4 0.1 - 0.5 0.6 0.0 - 2.3 1.1 0.1 0.1 - 0.5 0.6 0.1 - 0.4 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>-1.9</td></t<>									-1.9
Oct -0.7 -1.1 1.1 1.1 1.8 -0.8 -0.5 -0.6 Nov 1.3 1.0 -0.2 3.6 2.4 1.2 -0.6 Dec -0.6 4.6 6.6 -2.5 2.3 0.9 -0.6 017 Jan 0.5 -3.7 -2.9 -0.5 0.8 2.7 -1 ercentage change, latest 3 months on same 3 months a year ago 014 Dec 9.8 -0.6 10.5 -2.2 -0.4 5.2 014 Dec 9.8 -0.6 10.5 -2.2 -0.4 5.2 014 Dec 9.8 -0.6 10.5 -2.2 -0.4 5.2 014 2.2 1.1 1.06 5.7 Mar -0.2 2.9 0.4 1.1 1.06 5.7 Mar -0.2 2.9 2.2 2.4 1.2 1.3 3.6 0.4 1.3 5.5 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>2.8</td>									2.8
Nov1.31.0 -0.2 3.6 2.4 1.2 -1.2 Dec -0.6 4.6 6.6 -2.5 2.3 0.9 0.9 017Jan 0.5 3.7 -2.9 -0.5 0.8 2.7 0.1 Feb -0.6 0.1 $ 2.3$ 1.1 0.1 0.1 ercentage change, latest 3 months on same 3 months a year ago014Dec 9.8 -0.6 10.5 -2.2 -0.4 5.2 015Jan 6.1 0.6 6.9 0.1 -3.8 6.7 Feb 3.2 1.4 4.2 1.6 -7.2 7.6 Mar -0.2 2.9 -0.4 1.1 -10.6 5.7 May -2.3 2.4 0.1 2.5 -12.0 5.3 Jun -2.9 2.2 2.4 1.2 -13.1 5.0 Jui -3.0 1.2 2.6 0.1 -15.5 4.6 Aug -4.0 0.6 2.2 0.2 -14.7 5.5 Dec -4.2 -2.5 -6.5 0.8 -13.1 6.0 Nov -4.1 -1.8 -5.5 2.9 -13.5 6.9 -13.5 Dec -4.2 -2.5 -5.6 0.8 -13.1 6.0 -2.8 Nov -4.1 -1.8 -5.5 2.9 -13.5 6.9 -2.8 Nov -4.1 -1.8 -5.5 2.9 -13.5 6			-0.7	-1.1	1.1		-0.8	-0.5	-1.4
017 Jan 0.5 1 -3.7 -0.9 2.3 1.1 2.7 2.1 ercentage change, latest 3 months on same 3 months a year ago 014 Dec 9.8 -0.6 10.5 -2.2 -0.4 5.2 014 Dec 9.8 -0.6 10.5 -2.2 -0.4 5.2 015 Jan 6.1 0.6 6.9 0.1 3.8 6.7 Mar -0.2 2.9 -0.4 1.1 -10.6 5.7 Apr -1.3 3.4 -0.4 2.1 -10.3 4.9 May -2.3 2.4 0.1 2.5 -12.0 5.3 Jun -3.0 1.2 2.6 0.1 -15.5 4.6 -16 Aug -4.6 -0.8 -2.5 2.1 -14.1 6.8 -2.5 -2.1 -14.1 6.8 -3.0 -3.5 6.9 -3.1 6.0 -3.5 6.9 -3.1 6.0 -3.5 6.9 -3.1 6.0 -3.5 6.9 -3.5 6.9 -3.5 <				1.0					-2.4
Feb -0.6 0.1 - 2.3 1.1 0.1 Percentage change, latest 3 months on same 3 months a year ago 014 Dec 9.8 -0.6 10.5 -2.2 -0.4 5.2 014 Dec 9.8 -0.6 10.5 -2.2 -0.4 5.2 015 Jan 6.1 0.6 6.9 0.1 -3.8 6.7 Feb 3.2 1.4 4.2 1.6 -7.2 7.6 Mar -0.2 2.9 -0.4 2.1 10.3 4.9 May -2.3 2.4 0.1 2.5 -12.0 5.3 Jun -2.9 2.2 2.4 1.2 -13.1 5.0 Aug 4.0 0.6 2.2 0.2 -14.7 5.5 Sep -4.6 -0.8 -2.5 2.1 -14.1 6.8 Oct -4.8 -1.0 -3.7 4.5 -13.4 8.9 - Dec </td <td></td> <td>Dec</td> <td>-0.6</td> <td>4.6</td> <td>6.6</td> <td>-2.5</td> <td>2.3</td> <td>0.9</td> <td>3.8</td>		Dec	-0.6	4.6	6.6	-2.5	2.3	0.9	3.8
014 Dec 9.8 -0.6 10.5 -2.2 -0.4 5.2 015 Jan 6.1 0.6 6.9 0.1 -3.8 6.7 Feb 3.2 1.4 4.2 1.6 -7.2 7.6 Mar -0.2 2.9 -0.4 1.1 -10.6 5.7 Apr -1.3 3.4 -0.4 2.1 -10.3 4.9 May -2.3 2.4 0.1 2.5 -12.0 5.3 Jun -2.9 2.2 2.4 1.2 -13.1 5.0 Jul -3.0 1.2 2.6 0.1 -15.5 4.6 - Aug -4.6 -0.8 -2.5 2.1 -14.1 6.8 - Oct -4.8 -1.0 -3.7 4.5 -13.4 8.9 - Oct -4.2 -2.5 -6.5 0.8 -13.1 6.0 - Dec -4.2 -2.5 -6.5 0.8 -13.1 6.0 - Mar 0.3 </td <td>017</td> <td></td> <td></td> <td></td> <td>† -2.9 [†] -</td> <td></td> <td></td> <td></td> <td>[↑] 0.6 1.0</td>	017				† -2.9 [†] -				[↑] 0.6 1.0
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	erce	ntage ch	nange, latest 3 month	ns on same 3 moi	nths a year ago				
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	014	Dec	9.8	-0.6	10.5	-2.2	-0.4	5.2	5.0
Feb 3.2 1.4 4.2 1.6 -7.2 7.6 Mar -0.2 2.9 -0.4 1.1 -10.6 5.7 Apr -1.3 3.4 -0.4 2.1 -10.3 4.9 May -2.3 2.4 0.1 2.5 -12.0 5.3 Jun -2.9 2.2 2.4 1.2 -13.1 5.0 Jul -3.0 1.2 2.6 0.1 -15.5 4.6 -6 Aug -4.0 0.6 2.2 0.2 -14.7 5.5 -7 Sep -4.6 -0.8 -2.5 2.1 -14.1 6.8 -7 Oct -4.8 -1.0 -3.7 4.5 -13.4 8.9 -7 Nov -4.1 -1.8 -5.5 2.9 -13.5 6.9 -7 Dec -4.2 -2.5 -6.5 0.8 -13.1 6.0 -7 Mar 0.3 -3.0 -3.6 -4.0 -6.6 2.4 Apr 1.2 -4.0 -5.4 -5.7 3.8 -7 May 2.5 -2.5 -2.7 -7.7 -0.5 5.3 Jun 3.7 -3.1 -3.0 -7.2 -2.3 6.3 <t< td=""><td>015</td><td>Jan</td><td>6.1</td><td>0.6</td><td>6.9</td><td>0.1</td><td>-3.8</td><td>6.7</td><td>2.8</td></t<>	015	Jan	6.1	0.6	6.9	0.1	-3.8	6.7	2.8
Apr 1.3 3.4 -0.4 2.1 -10.3 4.9 May -2.3 2.4 0.1 2.5 -12.0 5.3 Jun -2.9 2.2 2.4 1.2 -13.1 5.0 Jul -3.0 1.2 2.6 0.1 -15.5 4.6 Aug -4.0 0.6 2.2 0.2 -14.7 5.5 Sep -4.6 -0.8 -2.5 2.1 -14.1 6.8 Oct -4.8 -1.0 -3.7 4.5 -13.4 8.9 Nov -4.1 -1.8 -5.5 2.9 -13.5 6.9 Dec -4.2 -2.5 -6.5 0.8 -13.1 6.0 Mar 0.3 -3.0 -3.0 -9.2 2.8 Mar 0.3 -3.0 -3.6 -4.0 -6.6 2.4 Apr 1.2 -4.0 -4.0 -5.4 -5.7 3.8 May 2.5 -2.5 -2.7 -7.1 -3.0 5.8 Jun 3.7 -3.1 -3.0 -7.2 -2.3 6.3 Jun 3.0 -1.2 -2.5 -7.7 0.5 5.3 Jun 3.0 -1.2 -2.5 -7.7 0.5 5				1.4	4.2	1.6			0.5
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		Mar		2.9					1.2
Jun -2.9 2.2 2.4 1.2 -13.1 5.0 Jul -3.0 1.2 2.6 0.1 -15.5 4.6 - Aug -4.0 0.6 2.2 0.2 -14.7 5.5 - Sep -4.6 -0.8 -2.5 2.1 -14.1 6.8 - Oct -4.8 -1.0 -3.7 4.5 -13.4 8.9 - Nov -4.1 -1.8 -5.5 2.9 -13.5 6.9 - Dec -4.2 -2.5 -6.5 0.8 -13.1 6.0 - 016 Jan -2.5 -2.9 -5.7 -1.9 -10.6 4.5 - Mar 0.3 -3.0 -3.0 9.2 2.8 - - Mar 0.3 -3.0 -3.6 -4.0 -6.6 2.4 - Apr 1.2 -4.0 -4.0 -5.4 -5.7 3.8 - Jun 3.7 -3.1 -3.0 -7.2 -2.3		Apr		3.4	-0.4		-10.3	4.9	2.1
Jul -3.0 1.2 2.6 0.1 -15.5 4.6 - Aug -4.0 0.6 2.2 0.2 -14.7 5.5 - Sep -4.6 -0.8 -2.5 2.1 -14.1 6.8 - Oct -4.8 -1.0 -3.7 4.5 -13.4 8.9 - Nov -4.1 -1.8 -5.5 2.9 -13.5 6.9 - Dec -4.2 -2.5 -6.5 0.8 -13.1 6.0 - 016 Jan -2.5 -2.9 -5.7 -1.9 -10.6 4.5 - Mar 0.3 -3.0 -3.6 -4.0 -6.6 2.4 Apr 1.2 -4.0 -4.0 -5.4 -5.7 3.8 May 2.5 -2.5 -2.7 -7.7 1.3 0.5 5.8 Jun 3.7 -3.1 -3.0 -7.2 -2.3 6.3 -4.0 Agg 2.6 -2.0 -2.8 -7.7 0.5 5.									1.8
Aug -4.0 0.6 2.2 0.2 -14.7 5.5 - Sep -4.6 -0.8 -2.5 2.1 -14.1 6.8 - Oct -4.8 -1.0 -3.7 4.5 -13.4 8.9 - Nov -4.1 -1.8 -5.5 2.9 -13.5 6.9 - Dec -4.2 -2.5 -6.5 0.8 -13.1 6.0 - Mar 0.3 -3.0 -3.6 -4.0 -6.6 2.4 - Mar 0.3 -3.0 -3.6 -4.0 -6.6 2.4 - May 2.5 -2.5 -2.7 -7.1 -3.0 5.8 - Jul 3.0 -1.2 -4.0 -4.0 -5.4 -5.7 3.8 May 2.5 -2.5 -2.7 -7.1 -3.0 5.8 Jun 3.7 -3.1 -3.0 -7.2 -2.3 6.3 Jul 3.0 -1.2 -2.5 -7.7 0.5 5.4		Jun	-2.9	2.2	2.4	1.2	-13.1	5.0	0.7
Sep -4.6 -0.8 -2.5 2.1 -14.1 6.8 - Oct -4.8 -1.0 -3.7 4.5 -13.4 8.9 - Nov -4.1 -1.8 -5.5 2.9 -13.5 6.9 - Dec -4.2 -2.5 -6.5 0.8 -13.1 6.0 - 016 Jan -2.5 -2.9 -5.7 -1.9 -10.6 4.5 - Mar 0.3 -3.0 -3.6 -4.0 -6.6 2.4 - Apr 1.2 -4.0 -4.0 -5.4 -5.7 3.8 - May 2.5 -2.5 -2.7 -7.1 -3.0 5.8 - Jun 3.7 -3.1 -3.0 -7.2 -2.3 6.3 - Jul 3.0 -1.2 -2.5 -7.7 -0.5 5.3 - Aug 2.6 -2.0 -2.8 -7.7 0.5 4.4 Sep 2.5 -0.4 -0.9 -8.4 0.9 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-1.4</td>									-1.4
Oct -4.8 -1.0 -3.7 4.5 -13.4 8.9 - Nov -4.1 -1.8 -5.5 2.9 -13.5 6.9 - Dec -4.2 -2.5 -6.5 0.8 -13.1 6.0 - 016 Jan -2.5 -2.9 -5.7 -1.9 -10.6 4.5 - Feb -1.1 -3.1 -5.0 -3.0 -9.2 2.8 - Mar 0.3 -3.0 -3.6 -4.0 -6.6 2.4 - Apr 1.2 -4.0 -4.0 -5.4 -5.7 3.8 - Jun 3.7 -3.1 -3.0 -7.2 -2.3 6.3 - Jul 3.0 -1.2 -2.5 -7.7 -0.5 5.3 - Aug 2.6 -2.0 -2.8 -7.7 0.5 4.4 Sep 2.5 -0.4 -0.9 -8.4 0.9 3.4 Oct 2.6 -1.1 0.3 -7.7 1.0 1.5 <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>-4.3</td>									-4.3
Nov -4.1 -1.8 -5.5 2.9 -13.5 6.9 - Dec -4.2 -2.5 -6.5 0.8 -13.1 6.0 - 016 Jan -2.5 -2.9 -5.7 -1.9 -10.6 4.5 - Feb -1.1 -3.1 -5.0 -3.0 -9.2 2.8 - Mar 0.3 -3.0 -3.6 -4.0 -6.6 2.4 - Apr 1.2 -4.0 -4.0 -5.4 -5.7 3.8 - May 2.5 -2.5 -2.7 -7.1 -3.0 5.8 - Jun 3.7 -3.1 -3.0 -7.2 -2.3 6.3 - Jul 3.0 -1.2 -2.5 -7.7 -0.5 5.3 - Aug 2.6 -2.0 -2.8 -7.7 0.5 4.4 Sep 2.5 -0.4 -0.9 -8.4 0.9 3.4 Oct 2.6 -1.1 0.3 -7.7 1.0 1.5									-4.6
Dec -4.2 -2.5 -6.5 0.8 -13.1 6.0 - 016 Jan -2.5 -2.9 -5.7 -1.9 -10.6 4.5 - Feb -1.1 -3.1 -5.0 -3.0 -9.2 2.8 Mar 0.3 -3.0 -3.6 -4.0 -6.6 2.4 Apr 1.2 -4.0 -4.0 -5.4 -5.7 3.8 May 2.5 -2.5 -2.7 -7.1 -3.0 5.8 Jun 3.7 -3.1 -3.0 -7.2 -2.3 6.3 Jul 3.0 -1.2 -2.5 -7.7 -0.5 5.3 Aug 2.6 -2.0 -2.8 -7.7 0.5 4.4 Sep 2.5 -0.4 -0.9 -8.4 0.9 3.4 Oct 2.6 -1.1 0.3 -7.7 1.0 1.5 Nov 2.8 -0.2 1.2 -5.3									-6. ⁻ -4.9
Feb-1.1-3.1-5.0-3.0-9.22.8Mar0.3-3.0-3.6-4.0-6.62.4Apr1.2-4.0-4.0-5.4-5.73.8May2.5-2.5-2.7-7.1-3.05.8Jun3.7-3.1-3.0-7.2-2.36.3Jul3.0-1.2-2.5-7.7-0.55.3Aug2.6-2.0-2.8-7.70.54.4Sep2.5-0.4-0.9-8.40.93.4Oct2.6-1.10.3-7.71.01.5Nov2.8-0.21.2-5.31.81.3Dec2.82.03.6-3.23.71.9									-4.
Feb-1.1-3.1-5.0-3.0-9.22.8Mar0.3-3.0-3.6-4.0-6.62.4Apr1.2-4.0-4.0-5.4-5.73.8May2.5-2.5-2.7-7.1-3.05.8Jun3.7-3.1-3.0-7.2-2.36.3Jul3.0-1.2-2.5-7.7-0.55.3Aug2.6-2.0-2.8-7.70.54.4Sep2.5-0.4-0.9-8.40.93.4Oct2.6-1.10.3-7.71.01.5Nov2.8-0.21.2-5.31.81.3Dec2.82.03.6-3.23.71.9	016	Jan	-2.5	-29	-5.7	-1.9	-10.6	4.5	-0.9
Mar0.3-3.0-3.6-4.0-6.62.4Apr1.2-4.0-4.0-5.4-5.73.8May2.5-2.5-2.7-7.1-3.05.8Jun3.7-3.1-3.0-7.2-2.36.3Jul3.0-1.2-2.5-7.70.55.3Aug2.6-2.0-2.8-7.70.54.4Sep2.5-0.4-0.9-8.40.93.4Oct2.6-1.10.3-7.71.01.5Nov2.8-0.21.2-5.31.81.3Dec2.82.03.6-3.23.71.9									1.0
Apr1.2-4.0-4.0-5.4-5.73.8May2.5-2.5-2.7-7.1-3.05.8Jun3.7-3.1-3.0-7.2-2.36.3Jul3.0-1.2-2.5-7.7-0.55.3Aug2.6-2.0-2.8-7.70.54.4Sep2.5-0.4-0.9-8.40.93.4Oct2.6-1.10.3-7.71.01.5Nov2.8-0.21.2-5.31.81.3Dec2.82.03.6-3.23.71.9									1.0
May Jun2.5 3.7-2.5 -3.1-2.7 -3.0-7.1 -3.0-3.0 5.8 -7.25.8 -2.3Jul Aug3.0 2.6-1.2 -2.0-2.5 -2.8-7.7 -7.7-0.5 0.55.3 4.4Sep Oct2.5 2.6-0.4 -1.1-0.9 0.3-8.4 -7.70.9 1.03.4 1.5Nov Dec2.8 2.8-0.2 2.01.2 3.6-5.3 -7.71.8 3.71.3 1.9									0.2
Jul3.0-1.2-2.5-7.7-0.55.3Aug2.6-2.0-2.8-7.70.54.4Sep2.5-0.4-0.9-8.40.93.4Oct2.6-1.10.3-7.71.01.5Nov2.8-0.21.2-5.31.81.3Dec2.82.03.6-3.23.71.9			2.5	-2.5	-2.7	-7.1	-3.0	5.8	0.7
Aug2.6-2.0-2.8-7.70.54.4Sep2.5-0.4-0.9-8.40.93.4Oct2.6-1.10.3-7.71.01.5Nov2.8-0.21.2-5.31.81.3Dec2.82.03.6-3.23.71.9		Jun	3.7	-3.1	-3.0	-7.2	-2.3	6.3	2.4
Sep2.5-0.4-0.9-8.40.93.4Oct2.6-1.10.3-7.71.01.5Nov2.8-0.21.2-5.31.81.3Dec2.82.03.6-3.23.71.9									4.8
Oct2.6-1.10.3-7.71.01.5Nov2.8-0.21.2-5.31.81.3Dec2.82.03.6-3.23.71.9									5.8
Nov2.8-0.21.2-5.31.81.3Dec2.82.03.6-3.23.71.9									5.5
Dec 2.8 2.0 3.6 -3.2 3.7 1.9									6.0
									5.0 5.2
$017 Jan 2.5^{T} 2.0^{T} 4.6^{T} -20^{T} 5.7^{T} 4.3$			2.0	2.0	0.0	-5.2	5.7	1.9	5.4
Feb 1.7 1.7 6.5 -1.5 7.4 6.8									

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

						Basic
	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	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
0	K22B	K22P	K22T	K22X	K22Z	K239
Percentage ch	ange, latest 3 mont	ths on previous 3 m	onths			
2014 Dec	0.8	-2.2	-0.7	4.0	1.1	-1.6
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			1.3	-0.2 †	
Feb	-	4.0	2.1	-3.7	-0.1	3.2

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

	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
atest weight	55.0	83.1	36.2	20.9	50.6	92.0	64.4
0	K23B	K23G	K23N	K23P	K23R	K23T	K232
ercentage c	change, latest 3 mont	hs on previous 3	months				
014 Dec	-	0.4	3.0	0.1	-2.7	2.3	-0.2
015 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	-1.3
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.
Jun	-1.2	-1.1	1.8	0.8	-2.5	1.8	-0.
Jul	-1.2	-2.9	1.5	-0.9	-5.5	1.3	-2.
Aug	-0.9	-0.6	1.7	-1.4	-4.1	1.3	-3.
Sep	-0.5	-2.6	-1.7	-0.7	-2.7	1.0	-2.
Oct	-0.4	-0.8	-2.2	0.3	-0.6	2.9	-2.
Nov	0.2	-2.3	-3.2	0.5	-0.9	2.2	-0.
Dec	0.4	-1.3	-1.3	-1.2	-1.6	1.6	-0.
016 Jan	1.0	-0.9	-0.5	-2.5	-1.3	-0.9	4.
Feb	1.3	0.6	-0.5	-3.0	-0.9	-1.9	3.
Mar	1.6	2.0	-2.3	-2.9	-	-2.0	4.
Apr	1.7	0.6	-2.8	-2.3	1.7	0.4	1.
May	1.9	-0.1	-0.7	-3.4	2.9	4.3	0.
Jun	2.2	-1.2	2.4	-2.5	2.1	5.7	0.
Jul	0.6	-0.1	3.1	-3.4	-0.3	2.8	2.
Aug	-0.8	-0.1	1.7	-1.9	-0.7	-0.1	1.
Sep	-1.6	0.1	0.4	-2.1	0.4	-1.8	0.
Oct	-0.8	-0.7	0.7	0.3	0.9	-0.8	-0.
Nov	0.5	-0.5	0.7	3.1	0.5	-0.8	-0.
Dec	0.6	1.1	3.2	4.5	1.2	0.2	-0.
017 Jan	1.0 [†]	2.2	[†] 3.7 [†]	3.6 [†]	3.2 [†]	1.8	0.
Feb	0.2	2.4	4.8	0.8	4.6	3.4	2.

continued

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



Revisions to Output of the Production Industries, February 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 Percentage change, latest month on previous month Percentage change, latest 3 months on same 3 months a year ago Page 2 Percentage change, latest 3 months on previous 3 months Page 3 Output by Manufacturing sub-sectors part 1 Page 4 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 Percentage change, latest month on previous month part 1 Percentage change, latest 3 months on same 3 months a year ago Page 6 Percentage change, latest month on previous month part 2 Page 7 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	pings	
	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	B	C	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
Latest weight	K222	K224	K22A	K248	K24C	K226	K24Q	K24R	K24S	K24O	K24T
2012				-			-			_	
2013	-	-	-	-	-	-	-	-		-	
2014 2015	-		-	-	-	-	-		-	-	-
2016	-	-	-	-	-	-	-	-	-	-	
2015 Q4	-	-		-	-	-		-	-		
2016 Q1	-	-	-	-	-	-	-	-		-	-
Q2 Q3	-		-	-					-	-	-
Q4	-	-	-	-	-	-	-	-	-	-	-
2015 Nov	-	-		-		-	-	-	-		
Dec 2016 Jan	-	-	-	-	-	-	-	-	-	-	-
Feb	-	-		-		-	-	-		-	-
Mar Apr			-		-					-	-
May	-	-	-	-	-	-	-	-	-	-	-
Jun	-	-	-	-	-	-	-	-	-	-	-
Jul Aug	-	-	-	-	-	-	-	-		-	-
Sep	-			-					-	-	
Oct	-	-	-	-	-	-	-	-	-	-	-
Nov Dec	-	-	-	-	-	-	-	-	-	-	-
2017 Jan	0.1	0.2	-0.1	0.4	1.9	0.5	-0.9	0.1	-0.5	-0.1	0.4
Percentage chan	ge, latest year o	on previous ye	ar								
2012	-	-	-	-	-	-	-	-	-	-	-
2013 2014	-	-	-	-	-	-		-	-	-	-
2015 2016	-	-		-		-		-			-
Percentage chan	ge, latest mont	h on same mor	nth a year ago								
2014 Nov	-	-	-	-	-	-	-	-	-	-	
Dec	-	-	-	-	-	-	-	-	-	-	-
2015 Jan Feb	-	-	-	-	-	-	-	-	-	-	-
Mar	-			-					-	-	
Apr May	-	-	-	-	-	-	-	-	-	-	-
May Jun	-	-	-	-	-	-	-	-	-	-	-
Jul	-	-				-		-		-	-
Aug	-	-	-	-	-	-	-	-	-	-	-
Sep Oct	-	-	-	-	-	-		-	-	-	-
Nov	-	-	:		:		-	-	-	-	-
Dec	-	-		-							
2016 Jan Feb	-	-	-	-	-	-	-	-	-	-	-
Mar	-	-	-	-	-	-	-	-	-	-	-
Apr May	-	-	-	-	-	-					-
Jun	-	-	-	-	-	-	-	-	-	-	-
Jul	-	-	-	-	-	-	-	-	-	-	-
Aug Sep	-	-		-	-	-		-		-	-
Oct	-	-		-	-	-	-	-	-	-	-
Nov Dec	-	-	-		-	-	-	-	-	-	-

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 gross value added¹

continued		Broad industry groups						Seasonally adjusted 2013 = 100 Main industrial groupings				
			Broad Ind	lustry groups				IVIa	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	
Latoot Wolght	K222	K224	K22A	K248	K24C	K226	K24Q	K24R	K24S	K24O	K24T	
Percentage cha	nge, latest mon	th on previous	s month									
2014 Nov 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	0.1	0.2	-0.1	0.4	1.7	0.5	-0.8	0.1	-0.4	-0.1	0.3	
Percentage cha	nge, latest 3 mo	onths on same	3 months a yea	r ago								
2014 Nov	-	-	-	-	-	-	-	-	-	-	-	
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	-	-	-	0.1	0.5	0.1	-0.3	0.1	-0.1	-	0.1	
oun	-	-	-	0.1	0.0	0.1	0.0	0.1	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

			Broad ind	lustry groups			Main industrial groupings				
	Production industries	Mining and quarrying	Manufacturing	Electricity, gas, steam and air conditioning	Water supply, sewerage and waste management	Oil and gas extraction	Consumer durables	Consumer non-durables	Capital goods	Intermediate goods	Energy
Section	B+C+D+E	В	С	D	E	06	MIG-CD	MIG-CND	MIG-CAG	MIG-IG	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 3 mo	nths on previo	ous 3 months								
2014 Nov	-		-	-	-	-		-	-	-	
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	-	0.1	-	0.1	0.6	0.2	-0.3	-	-0.1	-	0.2

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

					Seasonally a	Basic
	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	pharmaceutical products and preparations
Section	CA	СВ	CC	CD	CE	CF
	114.2	25.4	51.0	9.2	39.8	58.7
_atest weight	K22B	K22P	K22T	K22X	K22Z	K239
2012	-	-	-	-	-	-
2014	-	-	-	-	-	-
2015 2016	-	-	-	-	-	-
.010						
2015 Q4	-	-	-	-	-	-
2016 Q1 Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2015 Nov	-	-	-	-	-	-
Dec	-	-	-	-	-	-
2016 Jan Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug Sep	-	-	-	-	-	-
Oct	-	-	-	-	-	-
Nov Dec	-	-	-	-	-	-
017 Jan	0.2	-0.8	-0.1	-	0.3	1.0
Percentage cha	inge, latest year or	n previous year				
2012	-	-	-	-	-	-
2013 2014	-	-	-	-	-	-
2015	-	-	-	-	-	-
	- Inde latest month	on same month a ye	-	-	-	-
014 Nov	inge, latest month	on same month a ye	ai ayu			
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	-	-	-	-	-	-
Dec	-	-	-	-	-	-
2017 Jan	0.2	-0.8	-0.1		0.3	1.0

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

				alue added ¹		Seasonally adjuste	d 2013 = 100
	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	CH	CI	CJ	CK	CL	CM
	55.0	83.1	36.2	20.9	50.6	92.0	64.4
Latest weight	K23B	K23G	K23N	K23P	K23R	K23T	K23Z
2012	-	-	-	-	-	-	-
2013 2014	-	-	-	-	-	-	-
2014	-	-	-	-	-	-	-
2016	-	-	-	-	-	-	-
015 Q4	_	-	-	-	-	-	-
016 Q1	-	-	-	-	-	-	
Q2	-	-	-	-	-	-	-
Q3 Q4	-	-	-	-	-	-	-
2015 Nov Dec	-	-	-	-	-	-	-
2016 Jan	-	-	-	-	-	-	-
Feb	-	-	-	-	-	-	-
Mar	-	-	-	-	-	-	-
Apr May	-	-	-	-	-	-	-
Jun	-	-	-	-	-	-	
Jul	-	-	-	-	-	-	
Aug	-	-	-	-	-	-	-
Sep Oct	-	-	-	-	-	-	
Nov	_	_	_	_	_	-	
Dec	-	-	-	-	-	-	
2017 Jan	0.2	-0.4	-1.3	-1.6	-1.4	-	0.3
Vercentage c 012 013 014	0.2 hange, latest year of - - -		-1.3 - - -	-1.6 - - -	-1.4 - -	-	0.3
Percentage c 012 013 014 015			-1.3 - - - -	-1.6 - - - -	-1.4 - - - -	-	0.3
Percentage c 012 013 014 015 016		n previous yea - - - - - -	- - - -	-1.6 - - - - -	-1.4 - - - -	-	0.3
Percentage c 012 013 014 015 015 016 Percentage c 014 Nov	hange, latest year of - - - - - - -	n previous yea - - - - - -	- - - -	-1.6 - - - - -	-1.4 - - - - -	-	0.3
Percentage c 012 013 014 015 016 Percentage c 014 Nov Dec	hange, latest year of - - - - - - -	n previous yea - - - - - -	- - - -	-1.6 - - - - - -	-1.4 - - - - - - -	-	0.3 - - - - - - - - - - - - - - - - - - -
Percentage c 1012 1013 1014 1015 1016 Percentage c 1014 Nov Dec 1015 Jan	hange, latest year of - - - - - - -	n previous yea - - - - - -	- - - -	-1.6 - - - - - - -	-1.4 - - - - - - - -	-	0.3 - - - - - - - - - - - - - - - - - - -
Percentage c 012 013 014 015 016 Percentage c 014 Nov Dec 015 Jan Feb	hange, latest year of - - - - - - -	n previous yea - - - - - -	- - - -	-1.6 - - - - - - - - - - - - -	-1.4 - - - - - - - - - - -	-	0.3 - - - - - - - - - - - - - - - - - - -
Percentage c 012 013 014 015 016 Percentage c 014 Nov Dec 014 Nov Dec 015 Jan Feb Mar Apr	hange, latest year of - - - - - - -	n previous yea - - - - - -	- - - -	-1.6 - - - - - - - - - - - - - - - - - - -	-1.4 - - - - - - - - - - - - - - - - - - -	-	0.3
Percentage c 1012 1013 1014 1015 1016 Percentage c 1014 Nov Dec 1015 Jan Feb Mar Apr May	hange, latest year of - - - - - - -	n previous yea - - - - - -	- - - -	-1.6 - - - - - - - - - - - - - - - - - - -	-1.4 - - - - - - - - - - - - - - - - - - -	-	0.3
Percentage c 1012 1013 1014 1015 1016 Percentage c 1014 Nov Dec 1014 Nov Dec 1015 Jan Feb Mar Apr May Jun	hange, latest year of - - - - - - -	n previous yea - - - - - -	- - - -	-1.6 - - - - - - - - - - - - - - - - - - -	-1.4 - - - - - - - - - - - - - - - - - - -	-	0.3
Percentage c 012 013 014 015 016 Percentage c 014 Nov Dec 014 Nov Dec 015 Jan Feb Mar Apr May Jun Jul	hange, latest year of - - - - - - -	n previous yea - - - - - -	- - - -	-1.6 - - - - - - - - - - - - - - - - - - -	-1.4 - - - - - - - - - - - - - - - - - - -	-	0.5
Percentage c 012 013 014 015 016 Percentage c 014 Nov Dec 015 Jan Feb Mar Apr May Jun Jul Aug	hange, latest year of - - - - - - -	n previous yea - - - - - -	- - - -	-1.6 	-1.4 - - - - - - - - - - - - - - - - - - -		0.3
ercentage c 012 013 014 015 016 ercentage c 014 Nov Dec 014 Nov Dec 015 Jan Gec 015 Jan Mar Apr May Jun Jul Aug Sep Oct	hange, latest year of - - - - - - -	n previous yea - - - - - -	- - - -	-1.6 	-1.4 - - - - - - - - - - - - - - - - - - -	-	
Percentage c 1012 1013 1014 1015 1016 Percentage c 1014 Nov Dec 1014 Nov Dec 1015 1016 Mar Apr May Jun Jul Aug Sep	hange, latest year of - - - - - - -	n previous yea - - - - - -	- - - -	-1.6 	-1.4 - - - - - - - - - - - - - - - - - - -	-	
Percentage c 012 013 014 015 016 Percentage c 014 Nov Dec 015 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 016 Jan	hange, latest year of - - - - - - -	n previous yea - - - - - -	- - - -	-1.6 	-1.4 		
Percentage c 012 013 014 015 016 Percentage c 014 Nov Dec 015 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 016 Jan Feb	hange, latest year of - - - - - - -	n previous yea - - - - - -	- - - -	-1.6 	-1.4 - - - - - - - - - - - - - - - - - - -		
Percentage c 012 013 014 015 016 Percentage c 014 Nov Dec 014 Nov Dec 015 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 016 Sep Oct Nov Dec 016	hange, latest year of - - - - - - -	n previous yea - - - - - -	- - - -	-1.6 	-1.4 		
Percentage c 1012 1013 1014 1015 1016 Percentage c 1014 Nov Dec 1015 Jan Feb Mar Aug Sep Oct Nov Dec 1016 Sep Oct Nov Dec 1016 Sep Aug Sep Oct Nov Dec 1016 Sep Aug Sep Aug Sep Aug Sep Aug Sep Aug Aug Sep Aug Aug Sep Aug Aug Sep Aug Aug Sep Aug Aug Sep Aug Aug Sep Aug Aug Sep Aug Aug Sep Aug Aug Sep Aug Aug Aug Sep Aug Aug Aug Aug Aug Aug Aug Aug	hange, latest year of - - - - - - -	n previous yea - - - - - -	- - - -	-1.6 	-1.4 		
Percentage c 012 013 014 015 016 Percentage c 014 Nov Dec 014 Nov Dec 015 Mar Apr May Jun Jul Aug Sep Oct Nov Dec 016 Nov Dec 016	hange, latest year of - - - - - - -	n previous yea - - - - - -	- - - -	-1.6 	-1.4		
Percentage c 1012 1013 1014 1015 1016 Percentage c 1014 Nov Dec 1015 Jan Feb Mar Aug Sep Oct Nov Dec 1016 Sep Oct Nov Dec 1016 Sep Aug Sep Oct Nov Dec 1016 Sep Aug Sep Aug Sep Aug Sep Aug Sep Aug Aug Sep Aug Aug Sep Aug Aug Sep Aug Aug Sep Aug Aug Sep Aug Aug Sep Aug Aug Sep Aug Aug Sep Aug Aug Sep Aug Aug Aug Sep Aug Aug Aug Aug Aug Aug Aug Aug	hange, latest year of - - - - - - -	n previous yea - - - - - -	- - - -	-1.6 	-1.4 		
Percentage c 1012 1013 1014 1015 1016 Percentage c 1014 Nov Dec 1014 Nov Dec 1015 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 1016 Sep Oct Nov Dec 1016 Sep Oct Nov Dec 1016 Jun Jun Jun Jun Sep Oct Mar Apr May Jun Jun Jun Jun Sep Oct Mar Apr May Jun Jun Sep Oct Mar Apr May Jun Jun Sep Oct Mar Apr May Jun Jun Sep Oct Mar Apr May Jun Jun Sep Oct Mar Apr May Jun Jun Sep Oct Mar Apr May Jun Jun Sep Oct Mar Apr May Jun Jun Jun Sep Oct Mar Apr May Jun Jun Sep Oct Mar Apr May Jun Jun May Sep Oct Mar Apr May Jun Sep Oct Mar Apr May Jun Mar Apr May Jun Jun Mar Apr May Jun Mar Apr May Jun Mar Apr May Jun Mar Apr May Jun Mar Apr Mar Apr Mar Apr May Jun Mar Apr May Jun Mar Apr May Jun Mar Apr May Jun Mar Apr May Jun Jun Mar Apr May Jun	hange, latest year of - - - - - - -	n previous yea - - - - - -	- - - -	-1.6	-1.4 		
Percentage c 2012 2013 2014 2015 2016 Percentage c 2014 Nov Dec 2015 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2016 Jan Feb Mar Apr May Jun Jun Jun Sep Oct	hange, latest year of - - - - - - -	n previous yea - - - - - -	- - - -	-1.6 	-1.4 		
Percentage c 2012 2013 2014 2015 2016 Percentage c 2014 Nov Dec 2015 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec 2016 Jan Feb Mar Apr Dec 2016 Jan Feb Mar Aug Sep Oct Nov Dec 2016 Jan Feb Mar Aug Sep Ott Jun Jun Jun Jun Jun Jun Jun Jun Jun Jun	hange, latest year of - - - - - - -	n previous yea - - - - - -	- - - -	-1.6	-1.4		

1 Any apparent inconsistencies between the index numbers and the percentage changes shown in these tables are due to rounding. [†] indicates that data are new or have been revised. The period marked is the earliest in the table to have been revised.

Output of the Production Industries

Chained volume indices of gross value added¹ Seasonally adjusted 2013 = 100 Basic Food products, Textiles, wearing Wood and Coke and Chemicals pharmaceutical beverages and tobacco apparel and leather products paper products and printing refined petroleum products and chemical products products and preparations СС Section CA СВ CD CE CF 114.2 25.4 51.0 9.2 39.8 58.7 Latest weight K22B K22P K22T K22X K22Z K239 Percentage change, latest month on previous month 2014 Nov 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 0.2 -0.8 -0.1 0.3 0.9 Percentage change, latest 3 months on same 3 months a year ago 2014 Nov 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 -0.1 0.1 0.3

-0.2 0.1

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

1

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 added¹

Seasonally adjusted 2013 = 100 Machinery and equipment not Rubber and plastic products Basic metals Computer, Other and non-metallic and metal electronic and Electrical elsewhere Transport manufacturing mineral products products optical products equipment classified equipment and repair СН CI CJ СК CL СМ Section CG 50.6 55.0 92.0 64.4 83.1 36.2 20.9 Latest weight K23B K23N K23P K23R K23G K23T K23Z Percentage change, latest month on previous month 2014 Nov Dec 2015 Jan Feb Mar Apr May _ Jun Jul Aua Sep Oct Nov Dec _ . . . 2016 Jan Feb Mar Apr May Jun . Jul Aug Sep Oct Nov Dec 2017 Jan 0.2 -0.3 -1.2 -1.8 -1.5 0.1 0.3 Percentage change, latest 3 months on same 3 months a year ago 2014 Nov 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 0.1 -0.1 -0.4 -0.6 -0.5 0.1

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 gross value added¹

continue	ed	Chained volume in			Seasonally	adjusted 2013 = 100
	Food products, beverages and tobacco	apparel and	Wood and paper products and printing	Coke and refined petroleum products	Chemicals and chemical products	Basio pharmaceutica products and preparation
Section	CA	СВ	CC	CD	CE	CF
_atest we	eight 114.2	25.4	51.0	9.2	39.8	58.
	K22B	K22P	K22T	K22X	K22Z	K239
Percenta	age change, latest 3 mo	nths on previous 3 m	onths			
2014 No		-	-	-	-	
De			-	-	-	
2015 Ja			-	-	-	
Fe			-	-	-	
Ma	ar -		-	-	-	
Ap	or -		-	-	-	
Ma			-	-	-	
Ju		· -	-	-	-	
Ju	I -	. <u> </u>	-	-	-	
Au	ıg -		-	-	-	
Se	- 9	· _	-	-	-	
Oc			-	-	-	
No			-	-	-	
De			-	-	-	
2016 Ja	n -		-	-	-	
Fe		. <u> </u>	-	-	-	
Ma			_		_	
Ap					_	
Ma			-			
Ju			-	-	-	
Ju			-	-	-	
Au			_	_	_	
Se		-	-	-	-	
00		-	-	-	-	
			-	-	-	
No		· -	-	-	-	
De			-	-	-	
2017 Ja	n 0.1	-0.3	-		0.1	0.

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 gross value added¹

Seasonally adjusted 2013 = 100 Rubber and plastic products and non-metallic Machinery and equipment not Computer, electronic and Basic metals Other and metal Electrical elsewhere manufacturing Transport optical products mineral products classified and repair products equipment equipment Section CG СН CI CJ CK 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 Nov 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 0.1 -0.5 -0.6 -0.5 0.1 -0.1

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



Next publication:Thursday 11 May 2017Issued by:Office for National Statistics, Government Buildings, Cardiff Road, Newport NP10 8XG

Media contact:

Tel: Email: Media Relations Office +44 (0) 845 6041858 Emergency on-call +44 (0) 7867 906553 press.office@ons.gsi.gov.uk

Statistical contact:

Name:	Mark Stephens	
Tel:	Mark Stephens	+44 (0) 1633 456387
Email:	indexofproduction	n@ons.gsi.gov.uk

Contact us:

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