

#### Statistical bulletin

# Index of Services, UK: March 2018

Monthly movements in output for the services industries: distribution, hotels and restaurants; transport, storage and communication; business services and finance; and government and other services.



Release date: 25 May 2018

Next release: 29 June 2018

### Table of contents

- 1. Main points
- 2. Things you need to know about this release
- 3. Index of Services (IoS) main figures
- 4. Quarter-on-quarter services growth
- 5. Quarter 1 2018 comparison with previous quarters
- 6. Three-month on a year ago services growth
- 7. Month-on-month services growth
- 8. Links to related statistics
- 9. Upcoming changes
- 10. Feedback on this bulletin
- 11. Quality and methodology

## 1. Main points

- Services output increased by 0.3% in Quarter 1 (Jan to Mar) 2018 compared with Quarter 4 (Oct to Dec) 2017; following growth of 0.4% between Quarter 3 (July to Sept) 2017 and Quarter 4 2017.
- Services growth of 0.3% in Quarter 1 2018 is equal to the average quarterly growth in 2017; survey-led
  evidence suggests that although heavy snowfall in February and March 2018 will have impacted some
  areas of services output, this was limited.
- Business services and finance made the largest contribution to the quarterly growth, contributing 0.18 percentage points.
- In the three months to March 2018, services output increased by 1.2% compared with the three months ending March 2017.
- The Index of Services increased by 0.1% between February 2018 and March 2018.
- Distribution, hotels and restaurants contributed negative 0.16 percentage points to the monthly movement and partially offset positive contributions from the other three main components.

## 2. Things you need to know about this release

The monthly Index of Services (IoS) provides a timely indicator of growth in the output of the services industries and is the largest contributor to the output approach to the measurement of gross domestic product (GDP), accounting for 79.3% of UK GDP in 2015. Also published today (25 May 2018) is the <a href="UK GDP"><u>UK GDP</u></a>, second estimate: January to March 2018.

The IoS measures UK output in: distribution, hotels and restaurants; transport, storage and communication; business services and finance; and government and other services. These data are used to produce seasonally adjusted estimates of output at chained volume measures (removing the effect of inflation). Unless otherwise stated, all estimates included in this release are based on seasonally adjusted data.

The IoS is an important economic indicator and one of the earliest short-term measures of economic activity. It is used in the compilation of the national accounts and widely used by private and public sector institutions, particularly by the Bank of England and Her Majesty's Treasury to assist in informed decision and policy-making.

Data for the latest period are primarily based upon the Monthly Business Survey (MBS) of approximately 26,000 businesses as detailed in MBS Turnover in services industries.

In addition, from the October 2017 bulletin published in December 2017, we have also included VAT data across 35 services industries for small- and medium-sized businesses. These have been used to supplement data from the MBS from January 2016 to September 2017. Further information on the use of VAT data was published in the VAT turnover data in National Accounts: background and methodology update.

Further data is received from a wide variety of data sources as described in the GDP(O) source catalogue.

Data relating to the retail industry are broadly comparable with <u>Retail sales, Great Britain: March 2018</u>, published on 19 April 2018.

This March 2018 release contains revisions from January 2018 and is consistent with the <u>National Accounts</u> <u>Revisions Policy</u>. This means that we have incorporated additional data since this period.

Revisions can be made for a variety of reasons. The most common include:

- late responses to surveys and administrative sources
- · forecasts being replaced by actual data
- revisions to seasonal adjustment factors, which are re-estimated every month and reviewed annually
- HMRC VAT returns replacing MBS data for small- and medium-sized businesses when VAT estimates become available every quarter

The UK Index of Services has been designated by the <u>UK Statistics Authority</u> as <u>National Statistics</u>, in accordance with the <u>Statistics and Registration Service Act 2007</u> and signifying compliance with the <u>Code of Practice for Statistics</u>.

## 3 . Index of Services (IoS) main figures

Table 1 shows data for the Index of Services (IoS) and each of the main components for March 2018.

Table 1: Index of Services main figures, March 2018, UK

UK	UK Percentage Char						
	Percentage of Services 1	Index number (2015 = 100)	Most recent month on a year earlier	Most recent quarter on a year earlier	Most recent month on previous month	Most recent quarter on previous quarter	
Index of Services	100.0	104.8	1.1	1.2	0.1	0.3	
Distribution, hotels and restaurants	17.3	106.3	0.1	0.7	-0.9	-0.1	
Transport, storage and communication	13.2	110.3	2.5	2.8	8.0	0.4	
Business services and finance	41.5	105.2	1.7	1.7	0.2	0.4	
Government and other services	28.0	100.9	0.1	0.0	0.2	0.1	

Source: Office for National Statistics

Notes:

1. Components may not sum to 100% due to rounding.

## 4. Quarter-on-quarter services growth

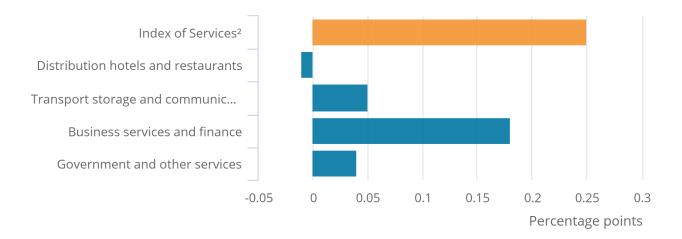
During Quarter 1 (Jan to Mar) 2018, services output increased by 0.3% following growth of 0.4% in Quarter 4 (Oct to Dec) 2017. This is unrevised from the estimate used in the <u>Gross domestic product, preliminary estimate:</u> <u>January to March 2018</u>.

Figure 1: Contributions <sup>1</sup> to growth in services between Quarter 4 (Oct to Dec) 2017 and Quarter 1 (Jan to Mar) 2018

UK

Figure 1: Contributions^1^ to growth in services between Quarter 4 (Oct to Dec) 2017 and Quarter 1 (Jan to Mar) 2018

UK



**Source: Office for National Statistics** 

#### Notes:

- 1. Individual contributions may not sum to the total due to rounding.
- 2. Percentage change.

Three of the four main components of the services industries increased during Quarter 1 2018 (Figure 1). In order of their contribution to growth:

- business services and finance increased by 0.4%, contributing 0.18 percentage points
- transport, storage and communication increased by 0.4%, contributing 0.05 percentage points
- government and other services increased by 0.1%, contributing 0.04 percentage points
- distribution, hotels and restaurants fell by 0.1%, contributing negative 0.01 percentage points

Business services and finance made the largest contribution to the Index of Services for the third consecutive quarter. Within this component, architectural and engineering activities made the largest contribution, increasing by 3.4% and contributing 0.08 percentage points. In addition to this, legal activities increased by 3.2% and contributed 0.06 percentage points. Partially offsetting this was travel agents and tour operators, which decreased by 4.1%, contributing negative 0.04 percentage points.

Telecommunications and motion pictures were the industries contributing most to the growth in the transport, storage and communication component. They increased by 2.0% and 3.7% respectively and both contributed 0.04 percentage points. In the government and other services component, the largest contribution came from the human health activities industry, which increased by 0.6%, contributing 0.04 percentage points.

Decreases in retail trade, and food and beverage services were the cause for the fall in the distribution, hotels and restaurants component. Retail trade fell by 0.5%, contributing negative 0.03 percentage points. Please see the Retail sales – March 2018 release for more information. Food and beverage services decreased by 0.4% and contributed negative 0.01 percentage points.

### 5. Quarter 1 2018 comparison with previous quarters

The Index of Services (IoS) growth of 0.3% in Quarter 1 (Jan to Mar) 2018 is equal to the average quarterly growth in 2017. This shows that, although Quarter 1 2018 saw a weaker services growth than Quarter 4 (Oct to Dec) 2017, it is still in line with quarterly services growth over the past year (Figure 2).

Figure 2: Quarterly Index of Services growth between Quarter 1 (Jan to Mar) 2015 and Quarter 1 2018 and the contributions to growth by the four main services components

UK

Figure 2: Quarterly Index of Services growth between Quarter 1 (Jan to Mar) 2015 and Quarter 1 2018 and the contributions to growth by the four main services components

UK



#### Source: Office for National Statistics

#### Notes:

1. Individual contributions by the four main components may not sum to total Index of Services growth rate due to rounding.

Following several large quarterly growths in 2016, the growth in Quarter 1 2017 weakened, increasing by 0.2% and has since remained steady. Services increased by 0.3% in Quarter 1 2018, slightly lower than the 0.4% increase in Quarter 4 2017.

Of the four main components, distribution, hotels and restaurants, and government and other services have seen no change to their contribution to IoS growth between Quarter 4 2017 and Quarter 1 2018. Transport, storage and communications, and business services and finance on the other hand have both seen a decrease to their contributions between the two quarters.

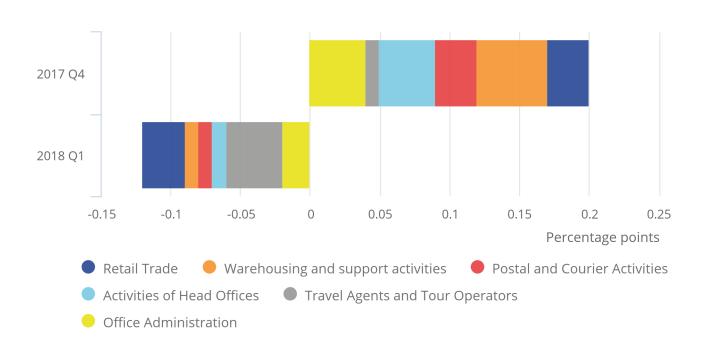
On an industry basis, six industries across all four components have seen a large negative difference between Quarter 4 2017 and Quarter 1 2018. Figure 3 compares these contributions across both quarters.

Figure 3: Contributions of Index of Services industries for Quarter 4 (Oct to Dec) 2017 and Quarter 1 (Jan to Mar) 2018

UK

Figure 3: Contributions of Index of Services industries for Quarter 4 (Oct to Dec) 2017 and Quarter 1 (Jan to Mar) 2018

UK



Source: Office for National Statistics

The Index of Services saw a negative 0.17 percentage points difference between Quarter 4 2017 and Quarter 1 2018. The six industries shown in Figure 3 account for a negative 0.32 percentage points switch between the same periods and are the main reason behind the weaker services growth in Quarter 1 2018.

Snow in late February and early March 2018 had little observed impact on these decreases between Quarter 4 2017 and Quarter 1 2018. Retail trade was one exception to this; sales fell in the first quarter due to a large decline in March, with petrol sales seeing a significant slump as a result of the poor weather keeping many shoppers indoors. However, the snow actually helped boost online spending with department stores in particular seeing growth in their web sales. Data relating to the retail industry are broadly comparable with <a href="Retail sales - March 2018">Retail sales - March 2018</a>.

Office for National Statistics (ONS) despatches approximately 26,000 forms per month as part of the Monthly Business Survey (MBS) and of these, 2,800 businesses on average are contacted per month via telephone to discuss their figures. Although snowfall affected much of the UK during Quarter 1 2018, few businesses outside the retail industry reported any significant impact due to bad weather. The ONS business intelligence therefore suggests that the weather had a limited impact on overall growth during the quarter.

There are other reasons why the services sector slowed in Quarter 1 2018. Warehousing and support activities, and postal and courier activities saw large growths in Quarter 4 2017 and contributed 0.05 and 0.03 percentage points respectively. Increased activity around Black Friday and the build-up to Christmas were the cause of these rises. There has now been a slight fall-back in Quarter 1 2018, with both industries contributing negative 0.01 percentage points.

The other three industries are all from the business services and finance main component. Activities of head offices and office administration similarly saw strong Quarter 4 2017 figures, both contributing 0.04 percentage points. They too have fallen back slightly in Quarter 1 2018, contributing negative 0.01 and 0.02 percentage points respectively.

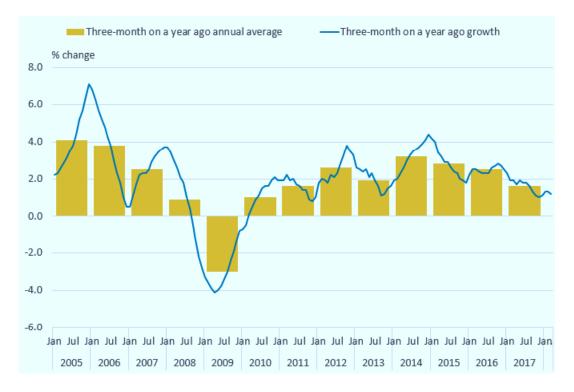
The travel agents and tour operators industry saw less of an increase in Quarter 4 2017 compared with the other five industries, contributing 0.01 percentage points. This industry then saw a fall in Quarter 1 2018, which contributed negative 0.04 percentage points. This fall was driven by the larger businesses within the travel agency component of the industry. This industry has started to see weaker figures since the start of 2017 and also saw a similar quarterly decrease in Quarter 2 (Apr to June) 2017.

## 6. Three-month on a year ago services growth

Figure 4 shows the three-month on a year ago Index of Services (IoS) growth rates and the average of these growth rates over each year since 2005.

Figure 4: Three-month on a year ago growth and three-month on a year ago annual average between January 2005 and March 2018





Source: Office for National Statistics

In the three months to March 2018, services output increased by 1.2% compared with the three months ending March 2017. This was last weaker in the three months to December 2017.

Services has seen a slowdown since the start of 2017. However, the annual average for the three-month on a year growth rates indicates that this goes further back. The annual average has weakened each year since 2014. The average for January to March 2018 is 1.3% compared with the average of 1.6% for 2017.

## 7. Month-on-month services growth

Services output increased by 0.1% in March 2018, following a fall of 0.3% in February 2018.

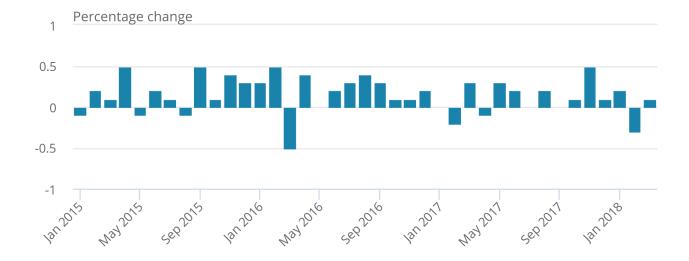
Figure 5 shows the Index of Services (IoS) month-on-month growth rates since January 2015 and Figure 6 shows the month-on-month contributions of each of the main IoS components for March 2018.

Figure 5: Index of Services headline growth rates from January 2015 to March 2018

UK

Figure 5: Index of Services headline growth rates from January 2015 to March 2018

UK



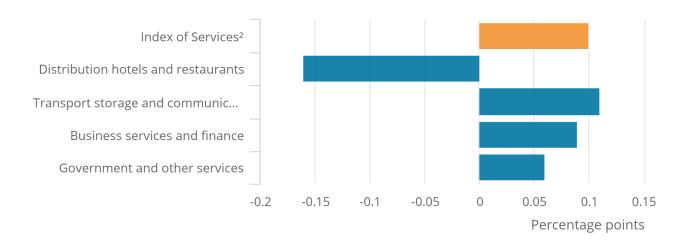
**Source: Office for National Statistics** 

Figure 6: Contributions 1 to growth in services between February 2018 and March 2018

UK

Figure 6: Contributions^1^ to growth in services between February 2018 and March 2018

UK



#### **Source: Office for National Statistics**

#### Notes:

- 1. Individual contributions may not sum to the total due to rounding.
- 2. Percentage change.

Three of the four main components of the services industries increased during March 2018. In order of their contribution to growth:

- transport, storage and communication increased by 0.8%, contributing 0.11 percentage points
- business services and finance increased by 0.2%, contributing 0.09 percentage points
- government and other services increased by 0.2%, contributing 0.06 percentage points
- distribution, hotels and restaurants decreased by 0.9%, contributing negative 0.16 percentage points

The industries contributing most to the increase of 0.1% in March 2018 were:

- legal activities, which increased by 3.6%, contributing 0.07 percentage points
- motion pictures, which increased by 5.1%, contributing 0.05 percentage points
- computer programming, which increased by 1.1%, contributing 0.04 percentage points

Decreases across four out of the five industries within distribution, hotels and restaurants offset much of this growth. These industries were also the largest negative contributions across the whole of the Index of Services in March 2018.

Retail trade decreased by 1.2%, contributing negative 0.08 percentage points. Please see the <u>Retail sales – March 2018</u> release for more information. Wholesale trade fell by 0.8% and contributed negative 0.04 percentage points. There were also decreases in motor trades, and food and beverage activities. They fell by 1.3% and 1.0% respectively and both contributed negative 0.03 percentage points.

### 8. Links to related statistics

The <u>response rates</u> and <u>revisions</u> tables can be found in the main datasets.

<u>Monthly economic commentary</u> was published alongside this release, presenting new analysis on the latest economic data.

#### **Methods and sources**

The gross domestic product output approach (GDP(O)) <u>methods and sources pages</u> provide more information on the data that underpin these statistics; of particular note is the <u>GDP(O)</u> <u>source catalogue</u>.

### International comparisons

International comparison with the Index of Services (IoS) is difficult, as most comparable economies don't produce equivalent estimates. Eurostat turnover in services estimates are not comparable with the IoS, as they exclude the wholesale and retail trade; furthermore, most of the estimates are only available quarterly. The US Bureau of Economic Analysis also produces services output estimates, but only on a quarterly basis, with a four-month lag time. Japan has a direct equivalent of the IoS, but the estimates are not seasonally adjusted. The closest equivalent estimates are from Canada, which produces a monthly output estimate of GDP with a breakdown by industry (including an aggregate for services). There are also comparable quarterly estimates from Sweden and Ireland.

## 9. Upcoming changes

We published a response to the consultation on proposed changes to the gross domestic product (GDP) release schedule on 19 October 2017. Further details on this response are available on our Consultation Hub. In summary, an estimate of monthly GDP will be published on 10 July 2018 (for the reference period of May) and there will be two quarterly estimates of GDP per quarter rather than the current three; the preliminary estimate of GDP will be deferred by around two weeks and the second estimate of GDP will be brought forward by two weeks to form the new first estimate, meaning the income and expenditure approaches to GDP will be made available earlier than presently. The first estimate of quarterly GDP (for Quarter 2 (Apr to June) 2018) under this new model will be published in August 2018.

This change will mean that the Index of Services (IoS) publication is brought forward from July to align with the other short-term indicators, the Index of Production and Output in the construction industry. Services will publish as normal on 29 June 2018 (for the reference period of April) but will then switch to this new publication model and will publish again on 10 July 2018 (for the reference period of May).

In July 2018, the IoS will also cease presenting data in the bulletin on the four main services components, distribution, hotels and restaurants; transport, storage and communication; business services and finance; and government and other services. Instead, it will break these down into 12 more detailed sector levels. Table 2 shows the current four main components and the sector levels we plan to move to from July.

This change will not affect the datasets that are published alongside the IoS bulletin; we would continue to publish the four main components in the Index of Services industry components to four decimal places.

**Table 2: Index of Services sector levels** 

Sector	Description
G & I	Distribution, hotels & catering
G	Wholesale and retail trade; repair of motor vehicles and motorcycles
1	Accommodation and food service activities
H&J	Transport, storage & communications
Н	Transportation and storage
J	Information and communication
K - N	Business services & finance
K	Financial and insurance activities
L	Real estate activities
М	Professional, scientific and technical activities
N	Administrative and support service activities
O - T	Government & other services
0	Public administration and defence; compulsory social security
Р	Education
Q	Human health and social work activities
R,S,T	Other service activities

As part of the transformation of Office for National Statistics data collection, 33,000 Monthly Business Survey forms covering the Production and Services sectors are moving online from paper despatch. This process has begun with 1,000 businesses selected at random for the Index of Production and Index of Services for May 2018. The survey will gradually move to being fully online later this year.

### 10. Feedback on this bulletin

We welcome your feedback on this bulletin via our short survey.

# 11 . Quality and methodology

The monthly Index of Services (IoS) was developed to provide a timely indicator of growth in the output of services industries, at constant prices for the UK. The IoS is an important component of monthly output (gross domestic product output approach (GDP(O)), representing about 79.3% of UK gross domestic product (GDP) as of 2015. The IoS shares the exact same industry coverage as the corresponding quarterly series within GDP(O).

The Index of Services datasets contain additional material, including:

- Monthly Business Survey (MBS) response rates (current and historic)
- IoS and main component indices to four decimal places
- publication tables
- · revisions triangles
- lower-level time series data
- Monthly Business Survey (MBS) turnover of services industries

The Index of Services Quality and Methodology Information report 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

IOS1

	Industry sections (SIC2007)					
				5 .		
				Business	Govern-	
	Total	Distribution	Transport,	services	ment and	
	service	hotels and	storage and	and	other	
O 11	industries	restaurants	communication	finance	services	
Section	G-T	G and I	H and J	K-N	O-T	
2015 weights	1000	173	132	415	281	
0010	S2KU	S2MV	KI7B	KI7L	KI7T	
2013 2014	94.3 97.5	91.2 95.5	93.6 96.2	94.1 97.7	96.7 99.1	
2015	100.0	100.0	100.0	100.0	100.0	
2016	102.5	104.7	104.7	102.2	100.6	
2017	104.1	106.6	108.3	104.0	100.6	
2016 Mar	101.6	103.2	101.8	101.4	100.6	
Apr	102.0	103.4	103.2	102.1	100.5	
May	102.0	104.2	102.5	101.7	100.6	
Jun	102.2	104.1	103.3	102.1	100.6	
Jul	102.5	104.0	104.8	102.3	100.8	
Aug Sep	102.9 103.2	105.3 106.2	106.0 106.7	102.5 102.8	100.5 100.3	
Oct	103.2	106.2	107.4	102.6	100.3	
Nov	103.4	106.9	106.6	103.1	100.2	
Dec	103.4	106.6	108.2	103.0	100.2	
2017 Jan	103.6	105.6	106.9	103.6	100.7	
Feb	103.4	106.5	106.5	103.1	100.6	
Mar	103.7	106.2	107.7	103.5	100.8	
Apr	103.6	106.2	107.7	103.1	100.8	
May	103.9	106.4	107.9	103.7	100.7	
Jun	104.1	106.8	108.9	103.8	100.6	
Jul	104.1	107.2	108.3	103.9	100.4	
Aug	104.2	107.1	108.6	104.2	100.5	
Sep	104.2	106.8	108.5	104.3	100.5	
Oct	104.2	106.9	108.6	104.2	100.6	
Nov	104.7	107.6	109.3	104.9	100.6	
Dec	104.8	106.4	111.0	105.1	100.6	
2018 Jan	105.0	107.1	110.2	105.4	100.7	
Feb Mar	104.7 104.8	107.2 106.3	109.5 110.3	104.9 105.2	100.7 100.9	
		100.0	110.0	100.2	100.5	
rercentage change, ia	test year on previous year \$222	S243	KI77	KI7G	KI7O	
2013	1.9	3.4	1.7	2.4	0.4	
2014	3.4	4.7	2.7	3.8	2.4	
2015	2.6	4.7	4.0	2.4	0.9	
2016	2.5	4.7	4.7	2.2	0.6	
2017	1.5	1.8	3.5	1.7	0.1	
Percentage change, la	test month on same month	a year ago				
	S26Q	S28R	KI7A	KI7I	KI7Q	
2016 Mar	2.3	4.0	3.4	2.0	1.0	
Apr	2.2	3.8	4.1	2.2	0.5	
May	2.3	4.9	2.8	2.1	0.6	
Jun	2.3	4.2	3.0	2.4	0.7	
Jul	2.5 2.9	3.7 5.7	4.2 4.9	2.4 2.5	0.9 0.9	
Aug Sep	2.8	5.7	6.6	2.1	0.9	
Oct	2.8	5.8	6.9	2.1	0.3	
Nov	2.5	5.4	5.1	2.4	-0.5	
Dec	2.3	4.4	6.7	2.2	-0.8	
2017 Jan	2.1	2.7	3.9	2.6	-0.1	
Feb	1.4	3.3	3.3	1.3	-0.5	
Mar	2.2	2.9	5.8	2.0	0.2	
Apr	1.6	2.7	4.4	1.0	0.3	
May	1.9	2.1	5.3	1.9	0.1	
Jun	1.9	2.6	5.4	1.7	-	
Jul	1.6	3.1	3.4	1.6	-0.3	
Aug	1.3	1.8	2.4	1.7	-	
Sep	1.0	0.6	1.7	1.4	0.1	
Oct	0.9	0.1	1.1	1.5	0.4	
Nov	1.3	0.6	2.5	1.7	0.4	
Dec	1.2	-0.2	2.6	2.0	0.3	
2018 Jan	1.4	1.4	3.0	1.7	-0.1	
Feb	1.3	0.7	2.8	1.7	0.1	
Mar	1.1	0.1	2.5	1.7	0.1	

The IOS output is designated as a National Statistic.
 Indices reflect values measured at basic prices, which exclude "taxes less subsidies on products".
 Estimates cannot be regarded as accurate to the last digit shown.
 Any apparent inconsistencies between the index numbers and the percentage changes shown in these tables are due to rounding.
 A complete run of data is available on the ONS website as a Time series dataset.

	Industry sections (SIC2007)						
				Business	Govern-		
	<b>+</b>	D: 12 12	<del>-</del> .				
	Total	Distribution	Transport,	services	ment and		
	service industries	hotels and	storage and	and finance	other		
0 "		restaurants	communication		services		
Section	G-T	G and I	H and J	K-N	<u> 0-T</u>		
2015 weights	1000	173	132	415	281		
Percentage change, lates							
2010.11	S222	S243	KI77	KI7G	KI7O		
2016 Mar	-0.5	0.1	-1.3	-0.4	-0.5		
Apr	0.4	0.2	1.4	0.6	-0.1		
May	0.2	0.8	-0.7	-0.3	0.1		
Jun		-0.1	0.7	0.3	-		
Jul	0.3	-0.2 1.2	1.4	0.2	0.2		
Aug	0.4		1.2	0.2	-0.2		
Sep	0.3	0.8	0.7	0.3	-0.2		
Oct	0.1	0.6	0.6	-0.1	-0.1		
Nov	0.1	0.1	-0.7	0.4	-0.1		
Dec	0.2	-0.3	1.6	-0.1	0.2		
2017 Jan	-	-0.9	-1.2	0.6	0.4		
Feb	-0.2	0.8	-0.4	-0.5	-0.1		
Mar	0.3	-0.3	1.1	0.3	0.2		
Apr	-0.1	0.1	0.1	-0.4			
May	0.3	0.1	0.2	0.6	-0.1		
Jun	0.2	0.4	0.9	0.1	-0.1		
Jul	=	0.3	-0.6	=	-0.1		
Aug	0.2	-0.1	0.3	0.3	0.1		
Sep	-	-0.3	-	0.1	-		
Oct	0.1	0.1	-	-	0.1		
Nov	0.5	0.6	0.6	0.6	-		
Dec	0.1	-1.1	1.6	0.2	-		
2018 Jan	0.2	0.7	-0.7	0.4	0.1		
Feb	-0.3	0.1	-0.6	-0.5	-		
Mar	0.1	-0.9	0.8	0.2	0.2		
ercentage change, lates	st 3 months on same 3	months a year ago					
	S2G6	S2I7	KI7C	KI7J	KI7R		
2016 Mar	2.5	4.5	4.0	2.1	1.3		
Apr	2.4	4.1	3.9	2.2	1.0		
May	2.3	4.3	3.4	2.1	0.7		
Jun	2.3	4.3	3.3	2.2	0.6		
Jul	2.3	4.3	3.3	2.3	0.7		
Aug	2.6	4.5	4.0	2.4	8.0		
Sep	2.7	4.9	5.2	2.3	0.7		
Oct	2.8	5.6	6.1	2.2	0.5		
Nov	2.7	5.5	6.2	2.2	-		
Dec	2.5	5.2	6.3	2.2	-0.4		
2017 Jan	2.3	4.2	5.2	2.4	-0.5		
Feb	1.9	3.5	4.6	2.0	-0.5		
Mar	1.9	3.0	4.3	2.0	-0.2		
Apr	1.7	3.0	4.5	1.4	-		
May	1.9	2.6	5.2	1.7	0.2		
Jun	1.8	2.5	5.0	1.6	0.1		
Jul	1.8	2.6	4.7	1.7	-0.1		
Aug	1.6	2.5	3.7	1.6	-0.1		
Sep	1.3	1.8	2.5	1.6	-0.1		
Oct	1.1	0.8	1.7	1.5	0.2		
Nov	1.0	0.4	1.8	1.6	0.3		
Dec	1.1	0.2	2.1	1.7	0.4		
2018 Jan	1.3	0.6	2.7	1.8	0.2		
Feb	1.3	0.6	2.8	1.8	0.1		
Mar	1.2	0.7	2.8	1.7			

The IOS output is designated as a National Statistic.
 Indices reflect values measured at basic prices, which exclude "taxes less subsidies on products".
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ontinued			I	7)	
			Industry sections (SIC2007	')	
				Business	Govern-
	Total	Distribution	Transport,	services	ment and
	service	hotels and	storage and	and	other
	industries	restaurants	communication	finance	services
Section	G-T	G and I	H and J	K-N	O-T
2015 weights	1000	173	132	415	281
	est 3 months on previou	s 3 months			
	S2BG	S2DH	KI7D	KI7K	KI7S
2016 Mar	0.8	1.5	1.5	0.7	0.3
Apr	0.6	1.0	0.8	0.9	-0.1
May	0.2	0.9	=	0.5	-0.4
Jun	0.3	0.9	0.4	0.5	-0.3
Jul	0.3	0.9	0.8	0.3	-0.1
Aug	0.7	0.8	2.1	0.5	
Sep	0.8	1.2	2.8	0.6	-
Oct	0.9	1.9	3.1	0.6	-0.3
Nov	0.8	2.1	2.1	0.6	-0.4
Dec	0.6	1.6	1.5	0.4	-0.3
2017 Jan	0.4	0.3	0.5	0.6	-
Feb	0.2	-0.3	0.3	0.4	0.3
Mar	0.2	-0.6	-0.3	0.4	0.5
Apr	0.1	-0.1	-	-	0.3
May	0.2	-	0.5	0.1	0.2
Jun	0.3	0.4	1.1	0.1	-
Jul	0.4	0.5	1.0	0.6	-0.2
Aug	0.4	0.7	0.7	0.5	-0.3
Sep	0.3	0.5	0.3	0.5	-0.2
Oct	0.2	0.1	0.2	0.4	-
Nov	0.2	-	0.2	0.5	0.1
Dec	0.4	-0.1	1.1	0.6	0.1
2018 Jan	0.6	0.1	1.5	0.9	0.1
Feb	0.5	-0.2	1.3	0.7	0.1
Mar	0.3	-0.1	0.4	0.4	0.1

The IOS output is designated as a National Statistic.
 Indices reflect values measured at basic prices, which exclude "taxes less subsidies on products".
 Estimates cannot be regarded as accurate to the last digit shown.
 Any apparent inconsistencies between the index numbers and the percentage changes shown in these tables are due to rounding.
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RIOS1	

	Industry sections (SIC2007)						
				Puoissas	000		
	_ :		_	Business	Govern-		
	Total	Distribution	Transport,	services	ment and		
	service	hotels and	storage and	and	other		
	industries	restaurants	communication	finance	services		
ection	G-T	G and I	H and J	K-N	O-T		
015 weights	1000	173	132	415	281		
	S2KU	S2MV	KI7B	KI7L	KI7T		
2013	-	-	-	-	-		
2014	=	-	=	-	-		
2015	-	-	-	-	-		
2016	-	-	_	=	_		
2017	_	-	=	_	_		
2017							
2016 Feb	_	_	-	_	_		
Mar	-	-	_	=	_		
Apr							
	-	-	-	-	-		
May	-	-	-	-	-		
Jun	-	-	-	-	-		
Jul	-	-	-	-	-		
Aug	-	_	-	_	-		
Sep	_	_	<del>-</del>	_	_		
Oct	_						
	-	-	-	-	-		
Nov	-	-	-	-	-		
Dec	-	-	-	-	-		
2017 Jan	-	-	-	-	-		
Feb	-	-	-	-	-		
Mar	-	-	-	-	-		
Apr	_	_	_	_			
	-	-	-	-	-		
May	-	-	-	-	-		
Jun	=	-	-	-	-		
Jul	-	-	-	-	-		
Aug	=	-	_	-	-		
Sep	-	-	_	=	_		
Oct							
Nov	-	-	-	-	-		
Dec	-	-	-	-	-		
2018 Jan	-	0.1	-	-	-		
Feb	=	-0.1	-0.1	-	-		
ercentage change, late	st year on previous yea	ar					
	S222	S243	KI77	KI7G	KI7O		
2013			=	-	_		
2014							
	<del>-</del>	-	-	-	-		
2015	-	-	-	-	-		
2016	-	-	-	-	-		
2017	-	-	-	-	-		
ercentage change, late	st month on same mon	ith a year ago					
	S26Q	S28R	KI7A	KI7I	KI7Q		
2016 Feb	-	-	-	_	_		
Mar	_	-	=	_	_		
Apr							
	-	-	-	-	-		
May	-	-	-	-	-		
Jun	-	-	-	-	-		
Jul	-	-	-	-	-		
Aug	-	=	=	=	-		
Sep	-	-	-	-	-		
Oct	-	_	=	_	_		
Nov	_	_	_	_	_		
	-	-	-	-	-		
Dec	-	-	-	-	-		
2017 Jan	-	-	-	-	-		
Feb	-	=	=	=	-		
Mar	-	-	-	-	-		
Apr	_	-	=	_	-		
May							
May	-	-	-	-	-		
Jun	-	-	=	-	-		
Jul	-	-	-	-	-		
Aug	-	=	=	=	-		
Sep	-	-	-	-	-		
Oct	_	_	_	_	_		
Nov	_	_	_	_	_		
INUV	-	-	-	-	-		
			_	_	-		
Dec							
	0.1	0.1	- -0.1	-	-0.1		

The earliest period open for revision is January 2018



#### RIOS1 IOS: Index of Services Revisions since provide Revisions since previously published estimates

seasonally adjusted 2015 = 100

		Industry sections (SIC2007)						
				Business	Govern			
	Total	Distribution	Transport,	services	ment and			
	service	hotels and	storage and	and	other			
	industries	restaurants	communication	finance	services			
oction	G-T							
ection	1000	G and I 173	H and J 132	K-N 415	O- <sup>-</sup>			
115 weights		1/3	132	413				
centage change, late	st month on previous	s month						
ocintage onange, late	S222		V177	VI7C	1/17/			
0010 Fab	5222	S243	KI77	KI7G	KI70			
2016 Feb	-	-	-	-				
Mar	-	-	-	-				
Apr	-	-	-	-				
May	-	-	-	-				
Jun	-	-	=	-				
Jul	-	-	-	-				
Aug	-	_	-	-				
Sep	_	_	_	_				
	-	-	-	-				
Oct	-	-	-	-				
Nov	-	-	-	-				
Dec	-	-	-	-				
2017 Jan	-	-	-	-				
Feb	_	-	=	-				
Mar	-	_	-	-				
Apr	_	_	=	=				
May								
	-	-	-	-				
Jun	-	-	-	-				
Jul	-	-	-	-				
Aug	=	-	-	-				
Sep	-	-	-	-				
Oct	-	-	=	=				
Nov	-	_	-	-				
Dec	_	_	-	_				
2018 Jan	0.1	0.1	0.1	0.1				
Feb	-0.1	-0.1	-0.1	-0.1	0			
1 60	-0.1	-0.1	-0.1	-0.1	0.			
centage change, late	st 3 months on same	3 months a year a	ao					
	S2G6	S217	KI7C	KI7J	KI7F			
2016 Feb	3200		KI/C	KI/J	NI/I			
	-	-	-	-				
Mar	-	-	-	-				
Apr	-	-	-	-				
May	-	-	-	-				
Jun	-	-	-	=				
Jul	_	-	-	-				
Aug	_	_	=	_				
Sep			_	_				
Oct	-	-	-					
	-	-	-	-				
Nov	-	-	-	-				
Nov	-	-	-	-				
Dec				-				
Dec 2017 Jan	-	-						
Dec 2017 Jan Feb	-	- -	-	-				
Dec 2017 Jan	- - -	- - -	- - -	- -				
Dec 2017 Jan Feb Mar	- - -	- - -	- - -	- - -				
Dec 2017 Jan Feb Mar Apr	- - - -	- - - -		- - - -				
Dec 2017 Jan Feb Mar Apr May	- - - -	- - - -	- - - -	- - - -				
Dec 2017 Jan Feb Mar Apr May Jun	- - - - -	- - - - -	- - - - -	- - - -				
Dec 2017 Jan Feb Mar Apr May Jun Jul	- - - - - -	- - - - - -	1 - - - - -	- - - - -				
Dec 2017 Jan Feb Mar Apr May Jun Jul Aug	- - - - - - -	- - - - - -	1 1 2 1	- - - - - -				
Dec 2017 Jan Feb Mar Apr May Jun Jul Aug Sep	: : : : : :	-	- - - - - - - - -	- - - - - - -				
Dec 2017 Jan Feb Mar Apr May Jun Jul Aug Sep Oct	: : : : :	-	- - - - - - - - -	- - - - - - - -				
Dec 2017 Jan Feb Mar Apr May Jun Jul Aug Sep	: : : : : :	-	- - - - - - - - - -	- - - - - - - - -				
Dec 2017 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov		-	- - - - - - - - - - - -	- - - - - - - - -				
Dec 2017 Jan Feb Mar Apr May Jun Jul Aug Sep Oct			- - - - - - - - - - - - - - - - - - -	-				

The earliest period open for revision is January 2018



## IOS: Index of Services Revisions since previously published estimates

seasonally adjusted 2015 = 100

	_	Industry sections (SIC2007)						
				Business	Govern-			
	Total	Distribution	Transport,	services	ment and			
	service	hotels and		and	other			
	industries	restaurants	storage and communication	finance	services			
Castian	G-T	G and I	H and J	K-N	O-T			
Section 2015 weights	1000	173	132	415	281			
2015 weights	1000	1/3	132	413	201			
Percentage change, late	est 3 months on previous	s 3 months						
gg-,	S2BG	S2DH	KI7D	KI7K	KI7S			
2016 Feb			=	=	-			
Mar	-	-	-	-				
Apr	-	-	-	-				
May	-	-	-	-				
Jun	-	-	-	-	-			
Jul	-	-	-	-	-			
Aug	-	-	-	-				
Sep	-	-	-	-				
Oct	-	-	-	-				
Nov	-	-	-	-				
Dec	-	-	-	-	-			
2017 Jan	-	-	-	-				
Feb	-	-	-	-				
Mar	-	-	-	-	-			
Apr	-	-	-	-	-			
May	-	-	-	-	-			
Jun	-	-	-	-	-			
Jul	-	-	-	-	-			
Aug	-	-	-	-	-			
Sep	=	-	-	-	-			
Oct	-	-	-	-	-			
Nov	-	-	-	-	-			
Dec	=		-	-	-			
2018 Jan	-	0.1	-		-			
Feb	0.1	-	-	0.1				

The earliest period open for revision is January 2018

			Industry components (SIC2)	207)	
	Wholesale		industry components (GIOZ	307)	
	and retail.	Wholesale	Retail trades		
	repair of	trade, except	except of		
	motor vehicles	motor vehicles	motor vehicles	Land	
\	and motorcycles	and motorcycles	and motorcycles	transport	Air transpor
Component 015 weights	45 <b>24</b>	46 43	47 <b>69</b>	49 <b>23</b>	5
o i a weights	S2KW	S2KX	S2KY	KFV6	S2L
2013	83.7	92.3	92.5	88.7	91.
2014	91.3	97.3	96.1	95.6	97.
2015	100.0	100.0	100.0	100.0	100.
2016	110.4	102.3	104.6	101.4	106.
2017	110.7	105.8	106.4	99.6	112.
2016 Mar	110.8	100.9	102.7	98.2	104.
Apr	110.7	101.5	102.9	102.3	104
May	109.2	100.8	105.1	100.2	106
Jun	109.4	102.1	103.4	101.3	107.
Jul	106.7	100.7	105.4	99.9	108.
Aug	109.4	102.5	105.3	101.9	108.
Sep	113.1	103.3	105.6	103.0	109.
Oct	112.8	103.5	107.6	103.5	108.
Nov	111.0	104.7	107.3	102.2	106
Dec	112.9	106.6	105.0	102.5	107.
2017 Jan	110.4	104.3	104.9	101.8	108.
Feb	109.7	105.3	105.7	101.5	111.
Mar	114.4	104.2	104.6	101.6	112.
Apr	107.1	105.2	106.5	100.4	113.
May	110.8	105.1	105.9	100.5	114.
Jun	111.6	107.5	106.0	97.1	115.
Jul	111.2	106.3	106.6	99.1	114.
Aug	111.9	106.1	107.7	99.3	112.
Sep	111.7	106.2	106.6	99.2	112.
Oct	110.1	106.6	107.3	98.7	112.
Nov	110.0	107.0	108.3	98.6	112.
Dec	110.2	105.6	106.7	97.8	114.
2018 Jan	111.9	106.2	106.8	99.5	113.
Feb	111.1	107.4	107.7	97.2	114.
Mar	109.6	106.5	106.4	96.7	113.
ercentage change, lates	t year on previous year				
0010	S224	S225	S226	KFV5	S22 3.
2013 2014	11.2 9.1	8.2 5.4	0.9	1.4 7.7	5.
			3.9		
2015	9.5	2.8	4.0	4.6	2.
2016 2017	10.4 0.3	2.3 3.4	4.6 1.7	1.4 -1.7	6. 5.
ercentage change, lates	t month on same month	1 2 VO2r 200			
	S26S	S26T	S26U	KFI6	S26
2016 Mar	15.7	1.1	3.6	-0.8	6
Apr	12.9	1.1	3.2	2.9	4
May	10.3	1.3	5.6	0.5	6
Jun	8.2	2.0	3.5	1.1	7
Jul	5.7	-0.5	5.5	0.1	7
Aug	10.0	1.7	6.1	1.9	7
Sep	11.4	4.7	4.0	2.4	8
Oct	10.6	3.4	7.2	2.9	5
Nov	8.0	5.0	5.1	0.4	3
Dec 2017 Jan	5.5	5.3	4.1	2.0	6
2017 Jan	1.5	3.0	2.2	0.9	4
Feb	-0.9	4.9	2.9	0.7	4
Mar	3.3	3.3	1.8	3.5	7
Apr	-3.3	3.7	3.5	-1.9	8
May	1.4	4.3	0.8	0.3	7
Jun	2.0	5.3	2.5	-4.1	7
Jul	4.2	5.6	1.1	-0.8	5
Aug	2.3	3.5	2.3	-2.6	3
Sep	-1.2	2.8	0.9	-3.7	3
Oct	-2.4	3.0	-0.3	-4.6	3
	-1.0	2.2	0.9	-3.6	5
Nov		~ ~			
Dec	-2.4	-0.9	1.7	-4.6	
Dec 2018 Jan	1.4	1.9	1.8	-2.3	4.
Dec					6. 4. 2. 1.

<sup>1</sup> Indices reflect values measured at basic prices, which exclude "taxes less

Indices reflect values measured at basic prices, which exclude "taxes less subsidies on products".

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# IOSCOMP IOS: Index of Services Chained volume indices

Chained volume indices of gross value added 1,2,3

seasonally adjusted 2015 = 100

			Industry components (SIC2)	007)	
	Wholesale				
	and retail.	Wholesale	Retail trades		
	repair of	trade, except	except of		
	motor vehicles	motor vehicles	motor vehicles	Land	
	and motorcycles	and motorcycles	and motorcycles	transport	Air transport
Component	45	46	47	49	51
2015 weights	24	43	69	23	7
Lo to weights					
ercentage change la	test month on previous n	nonth			
crocinage onange, ia	S224	S225	S226	KFV5	S22B
2016 Mar	0.1	0.5	0220	-2.6	-2.2
	0.1		-		
Apr	-	0.6	0.2	4.2	0.7
May	-1.3	-0.7	2.1	-2.0	1.6
Jun	0.2	1.3	-1.6	1.1	0.8
Jul	-2.4	-1.3	2.0	-1.4	1.3
Aug	2.4	1.8	-0.1	2.0	-0.1
Sep	3.4	0.8	0.3	1.0	0.4
Oct	-0.3	0.2	1.9	0.5	-0.6
Nov	-1.5	1.2	-0.2	-1.2	-1.8
Dec	1.7	1.8	-2.2	0.3	0.7
2017 Jan	-2.2	-2.2	-	-0.7	0.9
Feb	-0.7	1.0	0.8	-0.3	3.0
Mar	4.3	-1.1	-1.1	_	0.9
Apr	-6.4	0.9	1.9	-1.2	1.2
		0.5		0.2	
May	3.4	-	-0.6		0.4
Jun	0.8	2.3	-	-3.4	1.2
Jul	-0.3	-1.1	0.5	2.0	-0.7
Aug	0.6	-0.2	1.0	0.2	-1.9
Sep	-0.2	0.1	-1.0	-0.1	0.2
Oct	-1.4	0.4	0.7	-0.5	-0.3
Nov	-0.1	0.4	1.0	-0.1	-0.1
Dec	0.2	-1.3	-1.4	-0.8	1.5
2018 Jan	1.6	0.6	-	1.7	-0.5
Feb	-0.7	1.1	0.8	-2.3	0.4
Mar	-1.3	-0.8	-1.2	-0.5	-0.3
ercentage change, la	test 3 months on same 3	months a year ago			
	S2G8	\$2 <b>G</b> 9	S2GA	KFI8	S2GF
2016 Mar	14.6	1.4	3.8	0.9	8.6
Apr	14.0	1.2	3.6	1.2	8.0
May	12.9	1.2	4.2	0.8	5.6
Jun	10.4	1.5	4.1	1.5	5.9
Jul	8.0	0.9	4.9	0.5	6.9
Aug	7.9	1.1	5.0	1.0	7.4
Sep	9.0	1.9	5.2	1.5	7.7
Oct	10.7	3.3	5.7	2.4	7.0
Nov	10.0	4.4	5.4	1.9	5.7
Dec	8.0	4.6	5.4	1.7	5.3
2017 Jan	4.9	4.4	3.8	1.1	4.8
Feb	2.0	4.4	3.1	1.2	5.1
Mar	1.3	3.7	2.3	1.7	5.5
Apr	-0.3	4.0	2.7	0.7	6.9
May	0.5	3.8	2.0	0.6	7.8
Jun		4.4	2.3	-1.9	7.7
Jul	2.5	5.1	1.5	-1.5	6.7
Aug	2.8	4.8	2.0	-2.5	5.6
Sep	1.7	3.9	1.4	-2.4	4.2
Oct	-0.5	3.1	1.0	-3.6	3.6
Nov	-1.5	2.6	0.5	-4.0	4.3
Dec	-1.9	1.4	0.8	-4.3	5.3
2018 Jan	-0.7	1.1	1.5	-3.5	5.7
Feb	0.1	1.0	1.8	-3.7	4.5
Mar	-0.6	2.0	1.8	-3.8	2.8

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IOS: Index of Services

Chained volume indices of gross value added  $^{1,2,3}$ 

seasonally adjusted 2015 = 100

continued					
			Industry components (SIC2)	007)	
	Wholesale				
	and retail.	Wholesale	Retail trades		
	repair of	trade, except	except of		
	motor vehicles	motor vehicles	motor vehicles	Land	
	and motorcycles	and motorcycles	and motorcycles	transport	Air transport
Component	45	46	47	49	51
2015 weights	24	43	69	23	7
Percentage change, lat	test 3 months on previous	3 months			
0 0,	S2BI	S2BJ	S2BK	KFJ2	S2BP
2016 Mar	5.9	0.5	1.6	-1.0	2.8
Apr	4.2	0.2	0.9	-0.6	2.8
May	1.3	0.1	1.5	-0.5	1.5
Jun	-0.3	0.6	1.1	1.3	1.4
Jul	-2.0	0.3	1.8	-	2.3
Aug	-1.6	0.7	1.1	0.8	3.0
Sep	-0.1	0.7	1.6	0.3	2.4
Oct	3.0	1.9	1.5	2.3	1.1
Nov	3.5	2.0	2.1	1.8	-0.3
Dec	2.3	2.7	1.1	1.1	-1.4
2017 Jan	-0.2	2.0	-0.4	-0.6	-1.4
Feb	-1.1	1.5	-1.5	-0.9	0.8
Mar	-0.7	-0.3	-1.5	-1.0	3.1
Apr	-1.0	-0.3	-0.1	-1.0	4.9
May	-0.2	-0.5	0.5	-1.1	4.1
Jun	-1.5	1.3	1.1	-2.3	3.5
Jul	0.8	1.3	0.5	-2.2	2.1
Aug	0.8	1.7	1.0	-2.3	0.8
Sep	1.6	0.3	0.8	-0.2	-0.9
Oct	=	=	1.0	0.1	-1.9
Nov	-0.9	-0.1	0.6	0.3	-1.5
Dec	-1.4	0.2	0.5	-0.9	-0.4
2018 Jan	-0.5	=	0.1	-0.4	0.6
Feb	0.5	-0.1	-0.3	-0.7	1.1
Mar	0.7	0.3	-0.5	-0.6	0.6

Indices reflect values measured at basic prices, which exclude "taxes less subsidies on products".
 Estimates cannot be regarded as accurate to the last digit shown.
 Any apparent inconsistencies between the index numbers and the percentage changes shown in these tables are due to rounding.
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continued	

continued		<b>3</b>	Industry company (010	2007)	,,
	Warehousing		Industry components (SIC	Food and	Publishing,
	and support	Postal		beverage	audiovisual and
	activities for	and courier		service	broadcasting
Campanant	transportation	activities	Accommodation	activities	activities
Component 2015 weights	52 <b>14</b>	53 <b>8</b>	55 <b>10</b>	56 <b>27</b>	58-60 <b>20</b>
2010 Heights	S2L6	S2L7	S2L9	S2LA	KFW8
2013	92.2	97.8	87.3	94.5	95.5
2014	100.1	97.3	89.6	97.4	91.9
2015 2016	100.0 96.5	100.0 104.1	100.0 104.8	100.0 103.7	100.0 112.6
2017	99.1	113.1	105.3	105.5	117.0
2016 Mar	95.4	101.2	105.1	100.6	109.5
Apr	97.6	102.1	103.3	101.4	107.7
May	96.2	103.0	103.4	103.6	106.6
Jun	95.8	101.4	104.0	104.8	110.3
Jul	96.9	100.8	103.8	103.3	115.7
Aug	96.6	102.6 104.4	106.5	105.6	116.2
Sep Oct	95.7 96.0	104.4	104.2 106.4	106.8 104.8	118.9 114.7
Nov	96.1	107.2	107.0	105.8	116.0
Dec	99.3	110.3	106.9	105.3	121.6
2017 Jan	98.6	110.8	105.8	105.5	116.5
Feb	98.6	107.4	104.7	108.0	114.2
Mar	99.1	113.4	104.9	106.6	117.7
Apr	98.4	108.4	106.1	106.5	114.3
May Jun	98.1 98.0	113.7 113.5	105.2 104.2	106.0 104.6	117.6 120.0
Jul	97.2	112.8	108.4	106.1	114.2
Aug	97.4	113.7	104.2	104.2	117.4
Sep	98.8	112.0	104.6	104.5	116.4
Oct	101.3	114.3	105.0	104.4	115.5
Nov	101.6	117.6	105.0	105.4	116.1
Dec 2018 Jan	101.9 101.7	119.8	105.1	103.7	123.7
Feb	101.7	115.3 114.1	105.3 103.4	105.7 103.9	119.1 118.2
Mar	100.3	116.6	105.5	102.8	121.8
Percentage change, la	atest year on previous year				
2013	S22C 2.7	S22D 1.7	S22F 3.3	S22G -4.6	KFW7 4.6
2014	8.6	-0.5	2.7	3.0	-3.8
2015	-0.1	2.7	11.6	2.7	8.9
2016	-3.5	4.1	4.8	3.7	12.6
2017	2.7	8.7	0.5	1.7	3.8
Percentage change, la	atest month on same month		0075	0070	1/514
2016 Mar	S272 -6.1	S273 3.9	S275 3.6	S276 0.2	KFM4 14.1
Apr	-3.4	2.9	5.3	1.1	10.9
May	-4.5	5.8	5.4	4.1	7.9
Jun	-5.2	2.3	4.7	5.9	8.3
Jul	-3.8	-0.5	3.9	3.9	13.6
Aug	-3.5	2.3	7.5	7.0	15.3
Sep	-5.2 -1.9	4.5 2.8	1.8 1.4	5.9 3.5	19.9
Oct Nov	-1.9 -1.8	2.8 8.5	1.4 5.2	3.5 4.6	13.5 12.8
Dec	3.9	1.7	3.2	3.2	16.1
2017 Jan	2.6	4.1	5.2	3.7	9.8
Feb	2.5	3.1	-1.2	7.4	5.3
Mar	3.9	12.1	-0.2	5.9	7.5
Apr	0.8	6.1	2.7	5.1	6.1
May	1.9 2.3	10.5 11.9	1.8 0.2	2.4 -0.2	10.3
Jun Jul	2.3 0.3	11.9	0.2 4.5	-0.2 2.7	8.8 -1.3
Aug	0.8	10.8	-2.1	-1.3	1.1
Sep	3.2	7.3	0.4	-2.1	-2.1
Oct	5.5	8.3	-1.3	-0.5	0.7
Nov	5.7	9.7	-1.9	-0.4	0.1
Dec	2.6	8.6	-1.7	-1.6	1.7
2018 Jan Feb	3.1	4.0 6.2	-0.5 -1.3	0.2	2.2
Mar	2.9 1.2	2.9	0.6	-3.9 -3.5	3.5 3.5
Mar	1.2	2.9	0.6	-3.5	3.5

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### IOSCOMP

IOS: Index of Services

Chained volume indices of gross value added 1,2,3

seasonally adjusted 2015 = 100

ontinued		lr	dustry components (SIC2	007)	
	Warehousing			Food and	Publishing,
	and support	Postal		beverage	audiovisual and
	activities for	and courier		service	broadcasting
	transportation	activities	Accommodation	activities	activities
Component	52	53	55	56	58-60
2015 weights	14	8	10	27	20
=					
ercentage change, late	st month on previous mor		S22F	S22G	KFW7
0040 M	S22C	S22D		S22G	
2016 Mar	-0.9	-2.9	-0.9	-	1.0
Apr	2.4	1.0	-1.7	0.8	-1.6
May	-1.5	0.8	0.1	2.2	-1.1
Jun	-0.5	-1.5	0.5	1.2	3.5
Jul	1.2	-0.6	-0.2	-1.5	4.8
Aug	-0.3	1.7	2.6	2.2	0.4
Sep	-0.9	1.7	-2.2	1.1	2.4
Oct	0.3	1.1	2.1	-1.8	-3.6
Nov	-	1.6	0.6	0.9	1.1
Dec	3.4	2.9	-0.1	-0.4	4.8
2017 Jan	-0.7	0.4	-1.0	0.2	-4.2
Feb		-3.0	-1.0	2.4	-2.0
Mar	0.5	5.5	0.1	-1.4	3.1
Apr	-0.6	-4.4	1.2	-0.1	-2.9
May	-0.4	5.0	-0.8	-0.4	2.9
Jun	-0.1	-0.2	-1.0	-1.3	2.1
Jul	-0.8	-0.2	4.0	1.4	-4.8
	0.2	0.8	-3.8	-1.8	2.8
Aug					
Sep	1.4	-1.5	0.3	0.4	-0.8
Oct	2.6	2.0	0.4	-0.2	-0.8
Nov	0.2	3.0		1.0	0.5
Dec	0.4	1.8	0.1	-1.6	6.5
2018 Jan	-0.2	-3.8	0.2	2.0	-3.7
Feb	-0.3	-1.0	-1.8	-1.8	-0.7
Mar	-1.1	2.3	2.0	-1.0	3.0
ercentage change late	st 3 months on same 3 mo	onths a year ago			
croemage onange, late	S2GG	S2GH	S2GJ	S2GK	KFM6
2016 Mar	-5.4	6.4	6.4	1.7	11.1
Apr	-4.8	4.8	5.9	0.8	11.7
May	-4.7	4.2	4.7	1.8	10.9
Jun	-4.4	3.7	5.1	3.7	9.0
Jul	-4.5	2.5	4.7	4.6	9.9
Aug	-4.2	1.4	5.4	5.6	12.4
Sep	-4.2	2.1	4.4	5.6	16.2
Oct	-3.6	3.2	3.5	5.5	16.2
Nov	-3.0	5.3	2.8	4.7	15.4
Dec	-3.0	4.3	3.2	3.7	14.2
2017 Jan	1.5	4.7	4.5	3.8	12.9
2017 Jan Feb	1.5 3.0	4.7 3.0	4.5 2.3	3.8 4.7	12.9
Mar	3.0	6.3	1.2	5.7	7.5
Apr	2.4	7.0	0.4	6.1	6.3
May	2.2	9.5	1.4	4.4	8.0
Jun	1.7	9.5	1.5	2.4	8.4
Jul	1.5	11.4	2.1	1.6	5.8
Aug	1.2	11.6	0.8	0.4	2.8
Sep	1.5	10.0	0.9	-0.3	-0.8
Oct	3.2	8.8	-1.0	-1.3	-0.1
Nov	4.8	8.4	-0.9	-1.0	-0.4
Dec	4.6	8.9	-1.6	-0.8	0.8
Dec					
2018 Jan	3.8	7.4	-1.3	-0.6	1.3
	3.8 2.9	7.4 6.3	-1.3 -1.2	-0.6 -1.8	1.3 2.5

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Time series dataset



IOS: Index of Services Chained volume indices of gross value added 1,2,3

seasonally adjusted 2015 = 100

ontinued			ndustry components (SIC20	007)	
	Warehousing		, , , , , ,	Food and	Publishing,
	and support activities for	Postal and courier		beverage service	audiovisual and broadcasting
	transportation	activities	Accommodation	activities	activities
Component	52	53	55	56	58-60
2015 weights	14	8	10	27	20
Percentage change, late	est 3 months on previous 3 m	onths			
	S2BQ	S2BR	S2BT	S2BU	KFM8
2016 Mar	-1.3	0.6	0.5	-0.5	5.0
Apr	-0.1	-2.0	2.8	-0.8	3.8
May	0.5	-4.0	0.5	0.4	1.4
Jun	0.7	-1.7	-0.3	2.2	0.2
Jul	-0.1	-0.7	-1.0	3.0	2.1
Aug	=	-0.5	0.8	2.7	5.7
Sep	-0.2	0.4	1.2	1.9	8.0
Oct	-0.2	2.4	1.9	1.8	5.2
Nov	-0.5	4.0	1.0	1.2	2.2
Dec	0.8	5.0	1.9	0.1	0.4
2017 Jan	2.0	5.1	0.8	-0.2	1.2
Feb	3.0	3.6	=	0.5	8.0
Mar	1.7	2.7	-1.5	1.3	-1.1
Apr	0.7	0.3	-1.2	1.4	-2.3
May	-0.3	2.1	-0.4	0.1	-0.8
Jun	-0.6	1.2	-	-0.9	1.0
Jul	-1.0	3.3	0.7	-1.3	1.6
Aug	-1.0	1.4	0.2	-1.3	0.6
Sep	-0.4	0.9	0.5	-0.7	-1.1
Oct	1.5	-0.1	-1.3	-1.2	-0.7
Nov	3.1	1.1	-0.7	-0.2	-1.0
Dec	3.9	3.9	-0.7	-0.4	2.1
2018 Jan	2.6	3.8	0.5	0.6	2.7
Feb	1.1	1.5	-0.3	-0.3	3.7
Mar	-0.5	-1.6	-0.3	-0.4	1.1

Indices reflect values measured at basic prices, which exclude "taxes less subsidies on products".
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S22K   S22L   S22M   S22O	programming,	-		
Telecom	programming,			
Telecom				
Description   Province   Provin				
Demponent   61				Real estate
				activities
SZLE   SZLF   SZLG   SZLI				68
2013				176
2014 96.0 94.6 95.0 101.3 2015 100.0 100.0 100.0 100.0 2016 97.8 114.3 99.9 102.8 2017 98.9 122.9 108.4 104.4 2016 Mar 97.2 108.2 96.6 102.1 Apr 97.4 110.2 103.2 102.3 May 94.1 113.4 96.8 102.4 Jun 96.9 112.1 93.9 102.9 Jul 97.2 115.0 95.9 102.9 Jul 97.7 117.5 98.9 103.2 Sep 98.2 117.2 101.7 103.3 Oct 99.6 121.9 100.2 103.5 Nov 97.5 119.5 103.8 103.7 Dec 99.0 119.5 103.0 104.0 2017 Jan 99.5 116.8 105.8 104.8 Feb 97.6 118.8 102.9 104.7 104.3 Apr 101.1 121.3 106.3 104.1 May 97.9 120.3 110.4 104.0 Jun 98.9 124.9 109.1 104.7 104.3 Jun 98.9 124.9 109.1 104.7 104.3 Apr 101.1 121.3 106.3 104.1 May 97.9 120.3 110.4 104.0 Jun 98.9 124.9 109.1 104.0 Dec 104.4 128.6 117.5 103.0 104.0 Aug 98.5 125.2 109.9 104.9 Aug 98.5 125.2 109.9 104.9 Nov 99.0 125.6 113.2 104.1 Dec 100.4 126.6 114.0 104.1 2018 Jan 100.3 126.7 111.6 103.9 Feb 101.2 125.0 115.4 103.9 Feb 101.7 126.4 114.7 104.1  Percentage change, latest year on previous year S22K S22L S22M S22O 2013 -4.5 3.5 9.9 3.5 5.2 10.9 2016 -2.2 14.3 -0.1 2.8 2016 -2.2 14.3 -0.1 2.8 Jun -3.7 13.3 -6.8 4.2 Jun -3.7 13.3 -6.8 4				KFW4
2015   100.0   100.0   100.0   100.0   2016   2016   97.8   114.3   99.9   102.8   2017   98.9   122.9   108.4   104.4   2016 Mar   97.2   108.2   96.6   102.1   Apr   97.4   110.2   103.2   102.3   May   94.1   113.4   96.8   102.4   Jun   96.9   112.1   93.9   102.9   30.2   30.3				94.4
2016 97.8 114.3 99.9 102.8 2017 98.9 122.9 108.4 104.4 2016 Mar 97.2 108.2 96.6 102.1 Apr 97.4 110.2 103.2 102.3 May 94.1 113.4 96.8 102.4 Jun 96.9 112.1 93.9 102.9 Jul 97.2 115.0 95.2 103.0 Aug 97.7 117.5 98.9 103.2 Sep 98.2 117.2 101.7 103.3 Nov 97.5 119.5 103.8 103.7 Nov 97.5 119.5 103.0 104.0 2017 Jan 99.5 116.8 105.8 104.8 Feb 97.6 118.8 105.8 104.8 Apr 101.1 121.3 106.3 104.1 May 97.9 120.3 110.4 104.0 Jul 100.1 124.8 107.1 104.0 Jul 100.1 124.8 107.1 104.0 Jul 100.1 124.8 107.1 104.0 Aug 98.5 124.7 110.2 105.1 Sep 98.5 125.2 109.9 104.9 Nov 99.0 125.6 113.2 104.1 Nov 99.0 125.6 113.2 104.1 Nov 99.0 125.6 114.0 107.5 104.4 Nov 99.0 125.6 114.0 107.5 104.4 Nov 99.0 125.6 114.0 107.5 104.4 Nov 99.0 125.6 114.0 104.1 2018 Jan 100.3 126.7 111.6 103.9 Feb 101.2 125.0 115.4 103.9 Feb 101.2 125.0 115.4 103.9 Feb 101.2 125.0 115.4 103.9 Feb 101.7 126.4 114.7 104.1  Percentage change, latest war on previous year  S22K S22L S22M S22D  2013 -4.5 3.5 9.9 3.5 5.5 1.5  2016 -2.2 14.3 -0.1 2.8 2017 1.1 7.5 8.5 1.5  Percentage change, latest month on same month a year ago  S27A S27B S27C S27E 2016 A2 2 14.3 -0.1 2.8 Jun -3.7 13.3 -6.8 4.2 Jun -3.7 13.3				97.3
2017 98.9 122.9 108.4 104.4  2016 Mar 97.2 108.2 96.6 102.1 Apr 97.4 110.2 103.2 102.3 May 94.1 113.4 96.8 102.4 Jun 96.9 112.1 93.9 102.9 Jul 97.2 115.0 95.2 103.0 Aug 97.7 117.5 98.9 103.2 Sep 98.2 117.2 101.7 103.3 Oct 99.6 121.9 100.2 103.5 Nov 97.5 119.5 103.8 103.7 Dec 99.0 119.5 103.0 104.0 2017 Jan 99.5 116.8 105.8 104.8 Mar 96.9 97.6 118.8 105.8 104.8 Mar 96.9 97.6 118.8 102.9 104.9 Mar 96.9 119.9 104.7 104.3 Apr 101.1 121.3 106.3 104.1 May 97.9 120.3 110.4 104.0 Jun 98.9 124.9 109.1 104.1 Jun 98.9 124.9 109.1 104.0 Jun 98.9 124.9 109.1 104.0 Aug 98.5 125.2 109.9 104.9 Nov 99.0 125.6 113.2 104.0 Dec 100.4 126.6 114.0 104.1 Percentage change, latest year on previous year  Percentage change, latest year on previous year  2013 4.4 7.7 4.5 3.5 2016 Mar 3.8 12.8 3.9 0.8 Apr 2.2 14.3 -0.1 2.8 2016 10.2 12.5 11.5 12.8 Jul 1-1.7 12.6 11.6 103.9 Percentage change, latest month on same month a year ago  S27A S27B S27C S27E 2016 -2.2 14.3 -0.1 2.8 Jul 1-1.8 14.3 -6.2 4.6 Aug -5.1 15.1 3.6 4.7 Sep -1.8 14.3 -6.2 4.6 Aug -5.1 15.1 3.6 4.7 Sep -1.8 14.3 -6.2 4.6 Aug -5.1 15.1 3.6 4.7 Sep -1.8 16.5 3.0 4.3 Oct 0.3 19.6 2.0 4.4 Aug -5.1 15.1 3.6 4.7 Sep -1.8 16.5 3.0 4.3 Oct 0.3 19.6 2.0 4.4 Dec -6.6 15.1 7.3 3.5 Sep -1.1 9.9 -3.3 S27A S27B S27A S27B S27C S27E S27E S27E S27E S27E S27E S27E S27E S28 Aug -5.1 15.1 3.6 4.7 Sep -1.8 16.5 3.0 4.3 S20.7 4.9 9.9 -3.3 5.5 S20.7 5.7 5.2 -1.0 1.2 2.8 S20.7 5.7 5.9 2.4 4.4 S20.7 5.7 5.9 2.4 S20.7 5.7 5.9 3.3 3.5 S20.7 5.7 5.9				100.0
2016 Mar 97.2 108.2 96.6 102.1 Apr 97.4 110.2 103.2 102.3 May 94.1 113.4 96.8 102.4 Jun 96.9 112.1 93.9 102.9 Jul 97.2 115.0 95.2 103.0 Aug 97.7 117.5 98.9 103.2 Sep 98.2 117.2 101.7 103.3 Oct 99.6 121.9 100.2 103.5 Nov 97.5 119.5 103.8 103.7 Dec 99.0 119.5 103.8 103.7 Dec 99.0 119.5 103.0 104.0 2017 Jan 99.5 116.8 105.8 104.8 Feb 97.6 118.8 102.9 104.7 104.3 Apr 101.1 121.3 106.3 104.1 May 97.9 120.3 110.4 104.0 Jul 100.1 124.8 107.1 104.6 Aug 98.5 124.9 109.1 104.1 104.0 Jul 100.1 124.8 107.1 104.6 Aug 98.5 125.2 109.9 104.9 Oct 97.9 125.4 107.5 104.4 Nov 99.0 125.6 113.2 104.0 Dec 100.4 126.6 114.0 104.1 Cot 97.9 125.4 107.5 104.4 Nov 99.0 125.6 114.0 104.1 Dec 100.4 126.6 114.0 104.1 Precentage change, latest year on previous year S22K S22L S22M S22O D13 -4.5 3.5 9.9 -3.5 2016 Mar -3.8 12.8 5.7 5.2 1.2 2016 -2.2 14.3 0-1 2.8 2017 1.1 7.5 8.5 1.5  Decentage change, latest month on same month a year ago Percentage change, latest month on same month a year ago Cat 0.3 19.6 2.2 14.3 0-1 2.8 2017 1.1 7.5 8.5 1.5  Decentage change, latest month on same month a year ago Cat 0.3 19.6 2.2 14.3 0-1 2.8 2017 1.1 7.5 8.5 1.5  Decentage change, latest month on same month a year ago Cat 0.3 19.6 2.0 4.4 Apr -2.5 12.1 3.4 1.6 Aug -5.1 15.1 3.6 4.7 Sep -1.8 14.3 0-6.2 4.6 Aug -5.1 15.1 3.6 4.7 Sep -1.8 14.3 0-6.2 4.6 Aug -5.1 15.1 3.6 4.7 Sep -1.8 16.5 3.0 4.3 Oct 0.3 19.6 2.0 4.4 Aug -5.1 15.1 3.6 4.7 Sep -1.8 16.5 3.0 4.3 Sep -1.1 9.9 -3.3 2.5 Mar -0.3 10.7 8.4 2.1 Apr -3.8 10.1 3.1 1.8				100.8
Apr         97.4         110.2         103.2         102.3           May         94.1         113.4         96.8         102.4           Jun         96.9         112.1         33.9         102.9           Jul         97.2         115.0         95.2         103.0           Aug         97.7         117.5         98.9         103.2           Sep         98.2         117.2         101.7         103.3           Oct         99.6         121.9         100.2         103.3           Nov         97.5         119.5         103.8         103.7           Dec         99.0         119.5         103.8         103.7           Dec         99.0         119.5         103.8         103.7           Peb         97.6         118.8         105.8         104.8           Feb         97.6         118.8         105.8         104.8           Mar         96.9         119.9         104.7         104.3           Apr         101.1         121.3         106.3         104.1           Jul         100.1         124.8         107.1         104.0           Jul         100.1         124.8	7 98.9 122.9	108.4	104.4	101.6
Apr         97.4         110.2         103.2         102.3           May         94.1         113.4         96.8         102.4           Jun         96.9         112.1         33.9         102.9           Jul         97.2         115.0         95.2         103.0           Aug         97.7         117.5         98.9         103.2           Sep         98.2         117.2         101.7         103.3           Oct         99.6         121.9         100.2         103.3           Nov         97.5         119.5         103.8         103.7           Dec         99.0         119.5         103.8         103.7           Dec         99.0         119.5         103.8         103.7           Per         97.6         118.8         105.8         104.8           Mar         96.9         119.5         103.0         104.0           Jul         Mar         96.9         119.9         104.7         104.3           Apr         101.1         121.3         106.3         104.1           Jul         100.1         124.8         107.1         104.0           Jul         100.1	07.0 400.0	00.0	100.1	404.0
May Jun 96.9 112.1 93.9 102.9 Jul 97.2 115.0 95.2 103.0 Aug 97.7 117.5 98.9 103.2 Sep 98.2 117.2 101.7 103.3 Cct 99.6 121.9 100.2 103.5 Nov 97.5 119.5 103.0 104.0 2017 Jan 99.5 118.8 105.8 104.8 Feb 97.6 118.8 105.8 104.8 Feb 97.6 118.8 102.9 104.9 Mar 96.9 119.9 104.7 104.3 Apr 101.1 121.3 106.3 104.1 104.0 Jun 98.9 124.9 109.1 104.0 Jun 98.9 124.9 109.1 104.0 Jul 100.1 124.8 107.1 104.6 Aug 98.5 125.2 109.9 104.9 Nov 99.0 125.6 113.2 104.0 Dec 100.4 126.6 114.0 104.1 2018 Jan 100.3 125.7 116.6 114.0 104.1 2018 Jan 100.3 125.7 116.6 114.0 104.1 2018 Jan 100.3 125.7 116.6 103.9 Feb 101.2 125.0 115.4 103.9 Jan 104.1 104				101.2
Jun 96.9 112.1 93.9 102.9  Jul 97.2 115.0 95.2 103.0  Aug 97.7 117.5 98.9 103.2  Sep 98.2 117.2 101.7 103.3  Oct 99.6 121.9 100.2 103.5  Nov 97.5 119.5 103.8 103.7  Dec 99.0 119.5 103.0 104.0  2017 Jan 99.5 116.8 105.8 104.8  Feb 97.6 118.8 105.8 104.8  Feb 97.6 118.8 105.8 104.9  Mar 96.9 119.9 104.7 104.3  Apr 101.1 121.3 106.3 104.1  Jun 98.9 124.9 109.1 104.0  Jul 100.1 124.8 107.1 104.6  Aug 98.5 124.7 110.2 105.1  Sep 98.5 125.2 109.9 104.9  Oct 97.9 125.4 107.5 104.4  Nov 99.0 125.6 113.2 104.9  Dec 100.4 126.6 114.0 104.1  Z018 Jan 100.3 126.7 111.6 103.9  Feb 101.2 125.0 115.4 103.9  Mar 101.7 126.4 114.7 104.1  Percentage change, latest year on previous year  S22K S2L S2M S2O  2013 4.5 3.5 9.9 3.5  Z014 4.4 4.4 7.7 4.5 3.5  Z016 2.2 14.3 -0.1 2.8  Z017 1.1 7.5 8.5  Percentage change, latest month on same month a year ago  Percentage change, latest month on same month a year ago  Jul 1.1 7.5 8.5  Dece 1.0 1.2 1.3 1.3 4.1 1.6  May 7.5 16.2 1.0 1.2 2.8  Jun 3.7 13.3 -6.8 4.2  Jul 1.1 1.8 14.3 -6.2 4.6  May 7.5 16.2 1.0 1.1 2.8  Jun 3.7 13.3 -6.8 4.2  Jul 1.1 1.8 14.3 -6.2 4.6  May 7.5 16.5 13.1 3.6 4.7  Sep 9.1.8 16.5 3.0 4.3  Oct 0.3 19.6 2.0 4.4  Nov 1.9 14.1 3.9 4.1  Dec -0.6 15.1 7.3 3.5  Eeb -1.1 9.9 4.3 3.3 2.5  Mar 0.3 10.7 8.4 2.1  Apr 3.8 10.1 3.1 1.8				101.0
Juli         97.2         115.0         95.2         103.0           Aug         97.7         117.5         98.9         103.2           Sep         98.2         117.2         101.7         103.3           Nov         97.5         119.5         103.0         104.0           Nov         97.5         119.5         103.0         104.0           2017 Jan         99.5         119.5         103.0         104.8           Feb         97.6         118.8         102.9         104.8           Mar         96.9         119.9         104.7         104.3           Apr         101.1         121.3         106.3         104.1           May         97.9         120.3         110.4         104.0           Jun         98.9         124.9         109.1         104.0           Jun         98.9         124.9         109.1         104.0           Jun         98.5         125.2         109.9         104.0           Jun         98.5         125.2         109.9         104.0           Jun         98.5         125.2         109.9         104.0           Jun         100.1         124.8 <td></td> <td></td> <td></td> <td>100.6</td>				100.6
Aug 97.7 117.5 98.9 103.2 Sep 98.2 117.2 101.7 103.3 Oct 99.6 121.9 100.2 103.5 Nov 97.5 119.5 103.8 103.7 Dec 99.0 119.5 103.0 104.				100.7
Sep				100.6
Oct         99.6         121.9         100.2         103.5           Nov         97.5         119.5         103.8         103.7           Dec         99.0         119.5         103.8         103.7           Dec         99.0         119.5         103.8         104.0           2017 Jan         99.5         116.8         105.8         104.9           Mar         99.9         119.9         104.7         104.9           Mar         96.9         119.9         104.7         104.3           Apr         101.1         121.3         106.3         104.1           May         97.9         120.3         110.4         104.0           Jun         98.9         124.9         109.1         104.0           Jul         100.1         124.8         107.1         104.6           Aug         98.5         124.7         110.2         105.1           Sep         98.5         125.2         109.9         104.9           Oct         97.9         125.4         107.5         104.4           Nov         99.0         125.6         113.2         104.0           Dec         100.4         126.6 </td <td></td> <td></td> <td></td> <td>100.6</td>				100.6
Nov 97.5 119.5 103.8 103.7   Dec 99.0 119.5 103.0 104.0   2017 Jan 99.5 116.8 105.8 104.8   Feb 97.6 118.8 102.9 104.9   Mar 96.9 119.9 104.7 104.3   Apr 101.1 121.3 106.3 104.1   May 97.9 120.3 110.4 104.0   Jun 98.9 124.9 109.1 104.7   Jun 98.9 124.9 109.1 104.0   Jun 100.1 124.8 107.1 104.6   Aug 98.5 124.7 110.2 105.1   Sep 98.5 125.2 109.9 104.9   Oct 97.9 125.4 107.5 104.4   Nov 99.0 125.6 113.2 104.0   Dec 100.4 126.6 114.0 104.1   2018 Jan 100.3 126.7 111.6 103.9   Feb 101.2 125.0 115.4 103.9   Mar 101.7 126.4 114.7 104.1    Percentage change, latest year on previous year   S22K S2L S22M S22O   2013 -4.5 3.5 9.9 -3.5   2014 -4.4 7.7 4.5 -3.2   2015 -4.2 5.7 5.2 -1.2   2016 -2.2 14.3 -0.1 2.8   2017 1.1 7.5 8.5 1.5    Percentage change, latest month on same month a year ago   S27A S27B S27C S27E   2016 Mar -3.8 12.8 -3.9 0.8   Apr -2.5 12.1 3.4 1.6   May -7.5 16.2 -10.1 2.8   Jun -3.7 13.3 -6.8 4.2   Jun -3.7 13.3 -6.8 4.2   Jun -3.7 13.3 -6.8 4.2   Jun -1.8 14.3 -6.2 4.6   Aug -5.1 15.1 5.1 3.6 4.7   Sep -1.8 16.5 3.0 4.3   Oct -0.3 19.6 2.0 4.4   Nov -1.9 14.1 3.9 4.1   Dec -0.6 15.1 7.3 3.5   Feb -1.1 9.9 -3.3 3.5   ED -1.1 9.9 -3.3 3.5   ED -1.1 19.9 -3				100.4
Dec 99.0 119.5 103.0 104.0 2017 Jan 99.5 116.8 105.8 104.8 Feb 97.6 118.8 102.9 104.9 Mar 96.9 119.9 104.7 104.3 Apr 101.1 121.3 106.3 104.1 May 97.9 120.3 110.4 104.0 Jun 98.9 124.9 109.1 104.0 Jul 100.1 124.8 107.1 104.6 Aug 98.5 124.7 110.2 105.1 Sep 98.5 124.7 110.2 105.1 Sep 99.0 125.6 113.2 109.9 104.9 Dec 100.4 126.6 114.0 104.0 Dec 100.3 126.7 111.6 103.9 Feb 101.2 125.0 115.4 103.9 Mar 101.7 126.4 114.7 104.1 Dec 101.5 1.2 Sep 9.3 Sep 101.2 125.0 115.4 103.9 Mar 101.7 126.4 114.7 104.1 Dec 101.5 1.5 Sep 101.2 125.0 115.4 103.9 Mar 101.7 126.4 114.7 104.1 Dec 101.5 1.5 Sep 101.2 125.0 115.4 103.9 Sep 101.2 125.0 I15.4 103.9 Sep 101.2 125.0 I15.4 103.9 Sep 101.1 1.1 7.5 8.5 1.5 Decentage change, latest year on previous year Sep 101.2 125.0 Sep 101.1 128.8 128.8 Sep 101.1 128.8 Sep	Oct 99.6 121.9			100.6
Dec 99.0 119.5 103.0 104.0 2017 Jan 99.5 116.8 105.8 104.8 Feb 97.6 118.8 102.9 104.9 Mar 96.9 119.9 104.7 104.3 Apr 101.1 121.3 106.3 104.1 May 97.9 120.3 110.4 104.0 Jun 98.9 124.9 109.1 104.0 Jul 100.1 124.8 107.1 104.6 Aug 98.5 124.7 110.2 105.1 Sep 98.5 124.7 110.2 105.1 Sep 99.0 125.6 113.2 109.9 104.9 Dec 100.4 126.6 114.0 104.0 Dec 100.3 126.7 111.6 103.9 Feb 101.2 125.0 115.4 103.9 Mar 101.7 126.4 114.7 104.1 Dec 101.5 1.2 Sep 9.3 Sep 101.2 125.0 115.4 103.9 Mar 101.7 126.4 114.7 104.1 Dec 101.5 1.5 Sep 101.2 125.0 115.4 103.9 Mar 101.7 126.4 114.7 104.1 Dec 101.5 1.5 Sep 101.2 125.0 115.4 103.9 Sep 101.2 125.0 I15.4 103.9 Sep 101.2 125.0 I15.4 103.9 Sep 101.1 1.1 7.5 8.5 1.5 Decentage change, latest year on previous year Sep 101.2 125.0 Sep 101.1 128.8 128.8 Sep 101.1 128.8 Sep				100.6
2017   Jan				100.7
Feb				101.1
Mar 96.9 119.9 104.7 104.1 Apr 101.1 121.3 106.3 104.1 May 97.9 120.3 110.4 104.0 Jun 98.9 124.9 109.1 104.0 Jul 100.1 124.8 107.1 104.6 Aug 98.5 124.7 110.2 105.1 Sep 98.5 125.2 109.9 104.9 Oct 97.9 125.6 113.2 104.0 Dec 100.4 126.6 113.2 104.0 Dec 100.4 126.6 114.0 104.1 2018 Jan 100.3 126.7 111.6 103.9 Feb 101.2 125.0 115.4 103.9 Mar 101.7 126.4 114.7 104.1  Percentage change, latest year on previous year  S22K S2L S2M S2L 2013 -4.5 3.5 9.9 -3.5 2014 -4.4 7.7 4.5 -3.2 2015 4.2 5.7 5.2 -1.2 2016 -2.2 14.3 -0.1 2.8 2017 1.1 7.5 8.5 1.5  Percentage change, latest month on same month a year ago  Percentage change, latest month on same month a year ago  S27A S27B S27C S27E 2016 Mar -3.8 12.8 -3.9 0.8 Apr -2.5 12.1 3.4 1.6 May 7.7.5 16.2 -10.1 2.8 Jun -3.7 13.3 -6.8 4.2 Jul -1.8 14.3 -6.2 4.6 Aug 5.1 1.8 14.3 -6.2 4.6 Aug 5.1 1.5 1.8 14.3 -6.2 Oct 0.3 19.6 2.0 4.4 Nov -1.9 14.1 3.9 4.1 Dec -0.6 15.1 7.3 3.5 ED -1.1 1.9 9 3.3 2.5 Mar -0.3 10.7 8.4 2.1 Apr 3.8 10.1 3.1 1.8				101.1
Apr 101.1 121.3 106.3 104.1 May 97.9 120.3 110.4 104.0 Jun 98.9 124.9 109.1 104.0 Jun 98.9 124.9 109.1 104.0 Jul 100.1 124.8 107.1 104.6 Aug 98.5 124.7 110.2 105.1 Sep 98.5 125.2 109.9 104.9 Oct 97.9 125.4 107.5 104.4 Nov 99.0 125.6 113.2 104.0 Dec 100.4 126.6 113.2 104.0 Jul 100.3 126.7 111.6 103.9 Feb 101.2 125.0 115.4 103.9 Mar 101.7 126.4 114.7 104.1 Percentage change, latest year on previous year S22K S2L S22M S22O 2013 4.4.5 3.5 9.9 -3.5 2015 4.2 10.1 2.2 2016 2.2 14.3 -0.1 2.8 2016 2.2 14.3 -0.1 2.8 2017 1.1 7.5 8.5 1.5 Percentage change, latest month on same month a year ago S27A S27B S27C S27E 2016 Mar 3.8 12.8 3.9 0.8 Apr 2.5 12.1 3.4 1.6 May -7.5 16.2 -10.1 2.8 Jun -3.7 13.3 -6.8 4.2 Jun -3.7 13.3 -6.8 4.2 Jun -3.7 13.3 -6.8 4.2 Jul -1.1 8 14.3 -6.2 4.6 Aug -5.1 15.1 3.6 4.7 Sep -1.8 16.5 3.0 4.3 Dec -0.6 15.1 7.3 3.5 2017 Jan -0.5 7.1 6.3 3.3 Feb -1.1 9.9 3.3 2.5 Mar -0.3 10.7 8.4 2.1 Apr 3.8 10.1 3.1 1.8				101.1
May 97.9 120.3 110.4 104.0 Jun 98.9 124.9 109.1 104.0 Jun 98.9 124.9 109.1 104.0 Jul 100.1 124.8 107.1 104.6 Aug 98.5 124.7 110.2 105.1 Sep 98.5 124.7 110.2 105.1 Sep 98.5 125.2 109.9 104.9 Oct 97.9 125.4 107.5 104.4 Nov 99.0 125.6 113.2 104.0 Dec 100.4 126.6 114.0 104.1 2018 Jan 100.3 126.7 111.6 103.9 Feb 101.2 125.0 115.4 103.9 Mar 101.7 126.4 114.7 104.1 Percentage change, latest year on previous year S22K S22L S22M S22D 2013 4.5 3.5 9.9 -3.5 2015 4.2 5.7 5.2 -1.2 2016 2.2 14.3 -0.1 2.8 2017 1.1 7.5 8.5 1.5 Percentage change, latest month on same month a year ago S27A S27B S27C S27E 2016 Mar 3.8 12.8 3.9 0.8 Apr 2.2.5 12.1 3.4 1.6 May 7.5 16.2 -10.1 2.8 Jun 3.7 13.3 6.8 4.2 Jul 1.8 14.3 6.2 4.6 Aug 5.1 13.3 6.2 4.6 Aug 5.1 13.1 1.8 10.5 Apr 1.9 14.1 3.9 4.1 Dec -0.6 15.1 7.3 3.5 2017 Jan -0.5 7.1 6.3 3.3 Feb -1.1 9.9 3.3 10.7 8.4 2.1 Apr 3.8 10.1 3.1 1.8				101.4
Jun 98.9 124.9 109.1 104.0 Jul 100.1 124.8 107.1 104.6 Aug 98.5 124.7 110.2 105.1 Sep 98.5 124.7 110.2 105.1 Sep 98.5 125.2 109.9 104.9 Oct 97.9 125.4 107.5 104.4 Nov 99.0 125.6 113.2 104.0 Dec 100.4 126.6 114.0 104.1 2018 Jan 100.3 126.7 111.6 103.9 Feb 101.2 125.0 115.4 103.9 Mar 101.7 126.4 114.7 104.1				101.5
Jul 100.1 124.8 107.1 104.6 Aug 98.5 124.7 110.2 105.1 Sep 98.5 124.7 110.2 105.1 Sep 98.5 125.2 109.9 104.9 Oct 97.9 125.4 107.5 104.4 Nov 99.0 125.6 113.2 104.0 Dec 100.4 126.6 114.0 104.1 2018 Jan 100.3 126.7 111.6 103.9 Feb 101.2 125.0 115.4 103.9 Mar 101.7 126.4 114.7 104.1 Percentage change, latest year on previous year \$\frac{\text{S2K}}{2013} \frac{\text{S2K}}{4.5} \frac{\text{S2L}}{3.5} \frac{\text{S2M}}{9.9} \frac{\text{S2SM}}{3.5} \frac{\text{S2DM}}{2016} \frac{\text{S2EK}}{2016} \frac{\text{S2EK}}{2017} \frac{\text{S2EK}}{1.1} \frac{\text{S2DM}}{3.5} \frac{\text{S2DM}}{2016} \frac{\text{S2EK}}{2017} \frac{\text{S2EK}}{1.1} \frac{\text{S2DM}}{3.5} \frac{\text{S2DM}}{3.5} \frac{\text{S2DM}}{3.5} \frac{\text{S2DM}}{3.5} \frac{\text{S2DM}}{3.5} \frac{\text{S2EM}}{3.5} \frac{\text{S2DM}}{3.5} \frac{\text{S2EM}}{3.5} \frac{\text{S2DM}}{3.5} \frac{\text{S2EM}}{3.5} \text				
Aug 98.5 124.7 110.2 105.1 Sep 98.5 125.2 109.9 104.9 Oct 97.9 125.4 107.5 104.4 Nov 99.0 125.6 113.2 104.0 Dec 100.4 126.6 114.0 104.1 2018 Jan 100.3 126.7 111.6 103.9 Feb 101.2 125.0 115.4 104.7 104.1 1				101.5
Sep         98.5         125.2         109.9         104.9           Oct         97.9         125.4         107.5         104.4           Nov         99.0         125.6         113.2         104.0           Dec         100.4         126.6         114.0         104.1           2018 Jan         100.3         126.7         111.6         103.9           Feb         101.2         125.0         115.4         103.9           Mar         101.7         126.4         114.7         104.1           Percentage change, latest year on previous year           S22K         S22L         S22M         S22O           2013         -4.5         3.5         9.9         -3.5           2014         -4.4         7.7         4.5         -3.2           2015         4.2         5.7         5.2         -1.2           2016         -2.2         14.3         -0.1         2.8           2017         1.1         7.5         8.5         1.5           Percentage change, latest month on same month a year ago           2016 Mar         -3.8         12.8         -3.9         0.8           Apr         -2.				101.5
Oct         97.9         125.4         107.5         104.4           Nov         99.0         125.6         113.2         104.0           Dec         100.4         126.6         114.0         104.1           2018 Jan         100.3         126.7         111.6         103.9           Feb         101.2         125.0         115.4         103.9           Mar         101.7         126.4         114.7         104.1           Percentage change, latest year on previous year           S2ZK         S2ZL         S22M         S22O           2013         -4.5         3.5         9.9         -3.5           2014         -4.4         7.7         4.5         -3.2           2015         4.2         5.7         5.2         -1.2           2016         -2.2         14.3         -0.1         2.8           2017         1.1         7.5         8.5         1.5           Percentage change, latest month on same month a year ago           S27A         S27B         S27C         S27E           2016 Mar         -3.8         12.8         -3.9         0.8           Apr         -2.5         12.1<				101.8
Nov				101.7
Dec   100.4   126.6   114.0   104.1   2018   Jan   100.3   126.7   111.6   103.9   Feb   101.2   125.0   115.4   103.9   Mar   101.7   126.4   114.7   104.1   104.1				101.8
2018 Jan 100.3 126.7 111.6 103.9 Feb 101.2 125.0 115.4 103.9 Mar 101.7 126.4 114.7 104.1  Percentage change, latest year on previous year S22K S22L S22M S200 115.4 10.3 103.9 10.3 10.3 10.3 10.3 10.3 10.3 10.3 10.3	Nov 99.0 125.6	113.2	104.0	102.2
Feb Mar         101.2 125.0 115.4 114.7         103.9 104.1           Percentage change, latest year on previous year           2013         4.5 3.5 9.9 -3.5 2014 -4.4 7.7 4.5 -3.2 2015 4.2 5.7 5.2 -1.2 2016 -2.2 14.3 -0.1 2.8 2017 1.1 7.5 8.5 1.5           2016         -2.2 14.3 -0.1 2.8 2017 1.1 7.5 8.5 1.5           Percentage change, latest month on same month a year ago         S27A S27B S27C S27E 2016 Mar -3.8 12.8 -3.9 0.8 Apr -2.5 12.1 3.4 1.6 May -7.5 16.2 -10.1 2.8 Jun -3.7 13.3 -6.8 4.2 Jun -3.7 13.3 -6.8 4.2 Jul -1.8 14.3 -6.2 4.6 Aug 5.1 15.1 3.6 4.7 Sep -1.8 16.5 3.0 4.3 Oct 0.3 19.6 2.0 4.4 Nov -1.9 1.8 16.5 3.0 4.3 Oct 0.3 19.6 2.0 4.4 Nov -1.9 14.1 3.9 4.1 Dec -0.6 15.1 7.3 3.5 2017 Jan -0.5 7.1 6.3 3.3 Feb -1.1 9.9 -3.3 2.5 Mar -0.3 10.7 8.4 2.1 Apr 3.8 10.1 3.1 1.8           Apr         -0.5 7.1 6.3 3.3 2.5 Mar -0.3 10.7 8.4 2.1 Apr 3.8 10.1 3.1 1.8	Dec 100.4 126.6	114.0	104.1	102.4
Feb Mar         101.2 125.0 115.4 114.7         103.9 104.1           Percentage change, latest year on previous year           2013         4.5 3.5 9.9 -3.5 2014 -4.4 7.7 4.5 -3.2 2015 4.2 5.7 5.2 -1.2 2016 -2.2 14.3 -0.1 2.8 2017 1.1 7.5 8.5 1.5           2016         -2.2 14.3 -0.1 2.8 2017 1.1 7.5 8.5 1.5           Percentage change, latest month on same month a year ago         S27A S27B S27C S27E 2016 Mar -3.8 12.8 -3.9 0.8 Apr -2.5 12.1 3.4 1.6 May -7.5 16.2 -10.1 2.8 Jun -3.7 13.3 -6.8 4.2 Jun -3.7 13.3 -6.8 4.2 Jul -1.8 14.3 -6.2 4.6 Aug 5.1 15.1 3.6 4.7 Sep -1.8 16.5 3.0 4.3 Oct 0.3 19.6 2.0 4.4 Nov -1.9 1.8 16.5 3.0 4.3 Oct 0.3 19.6 2.0 4.4 Nov -1.9 14.1 3.9 4.1 Dec -0.6 15.1 7.3 3.5 2017 Jan -0.5 7.1 6.3 3.3 Feb -1.1 9.9 -3.3 2.5 Mar -0.3 10.7 8.4 2.1 Apr 3.8 10.1 3.1 1.8           Apr         -0.5 7.1 6.3 3.3 2.5 Mar -0.3 10.7 8.4 2.1 Apr 3.8 10.1 3.1 1.8	3 Jan 100.3 126.7	111.6	103.9	102.3
Mar         101.7         126.4         114.7         104.1           Percentage change, latest year on previous year         S22K         S22L         S22M         S22O           2013         -4.5         3.5         9.9         -3.5           2014         -4.4         7.7         4.5         -3.2           2015         4.2         5.7         5.2         -1.2           2016         -2.2         14.3         -0.1         2.8           2017         1.1         7.5         8.5         1.5           Percentage change, latest month on same month a year ago           2016 Mar         -3.8         12.8         -3.9         0.8           Apr         -2.5         12.1         3.4         1.6           May         -7.5         16.2         -10.1         2.8           Jun         -3.7         13.3         -6.8         4.2           Jul         -1.8         14.3         -6.2         4.6           Aug         -5.1         15.1         3.6         4.7           Sep         -1.8         16.5         3.0         4.3           Oct         0.3         19.6         2.0         4.4<				102.3
Percentage change, latest year on previous year    S22K   S22L   S22M   S22O				102.4
S22K   S22L   S22M   S22O	tage change, latest year on previous year			
2013		S22M	S22O	KFW3
2014				2.3
2015				3.1
2016 -2.2 14.3 -0.1 2.8 2017 1.1 7.5 8.5 1.5 2.8 2017 2.1 1.1 7.5 8.5 1.5 2.8 2.1 2.1 2.1 2.8 2.1 2.1 2.1 2.8 2.1 2.1 2.1 2.8 2.1 2.1 2.1 2.8 2.1 2.1 2.1 2.8 2.1 2.1 2.1 2.8 2.1 2.1 2.1 2.8 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1				2.8
2017 1.1 7.5 8.5 1.5  Percentage change, latest month on same month a year ago  \$27A \$27B \$27C \$27E \$2016 Mar -3.8 12.8 -3.9 0.8 Apr -2.5 12.1 3.4 1.6 May -7.5 16.2 -10.1 2.8 Jun -3.7 13.3 -6.8 4.2 Jun -3.7 13.3 -6.8 4.2 Jul -1.8 14.3 -6.2 4.6 Aug 5.1 15.1 3.6 4.7 Sep -1.8 16.5 3.0 4.3 Oct 0.3 19.6 2.0 4.4 Nov -1.9 14.1 3.9 4.1 Dec -0.6 15.1 7.3 3.5 2017 Jan -0.5 7.1 6.3 3.3 Feb -1.1 9.9 -3.3 2.5 Mar -0.3 10.7 8.4 2.1 Apr 3.8 10.1 3.1 1.8				0.8
Percentage change, latest month on same month a year ago    S27A   S27B   S27C   S27E				0.8
S27A         S27B         S27C         S27E           2016 Mar         -3.8         12.8         -3.9         0.8           Apr         -2.5         12.1         3.4         1.6           May         -7.5         16.2         -10.1         2.8           Jun         -3.7         13.3         -6.8         4.2           Jul         -1.8         14.3         -6.2         4.6           Aug         -5.1         15.1         3.6         4.7           Sep         -1.8         16.5         3.0         4.3           Oct         0.3         19.6         2.0         4.4           Nov         -1.9         14.1         3.9         4.1           Dec         -0.6         15.1         7.3         3.5           2017 Jan         -0.5         7.1         6.3         3.3           Feb         -1.1         9.9         -3.3         2.5           Mar         -0.3         10.7         8.4         2.1           Apr         3.8         10.1         3.1         1.8				
Apr         -2.5         12.1         3.4         1.6           May         -7.5         16.2         -10.1         2.8           Jun         -3.7         13.3         -6.8         4.2           Jul         -1.8         14.3         -6.2         4.6           Aug         -5.1         15.1         3.6         4.7           Sep         -1.8         16.5         3.0         4.3           Oct         0.3         19.6         2.0         4.4           Nov         -1.9         14.1         3.9         4.1           Dec         -0.6         15.1         7.3         3.5           2017 Jan         -0.5         7.1         6.3         3.3           Feb         -1.1         9.9         -3.3         2.5           Mar         -0.3         10.7         8.4         2.1           Apr         3.8         10.1         3.1         1.8		S27C	S27E	KFK8
Apr         -2.5         12.1         3.4         1.6           May         -7.5         16.2         -10.1         2.8           Jun         -3.7         13.3         -6.8         4.2           Jul         -1.8         14.3         -6.2         4.6           Aug         -5.1         15.1         3.6         4.7           Sep         -1.8         16.5         3.0         4.3           Oct         0.3         19.6         2.0         4.4           Nov         -1.9         14.1         3.9         4.1           Dec         -0.6         15.1         7.3         3.5           2017 Jan         -0.5         7.1         6.3         3.3           Feb         -1.1         9.9         -3.3         2.5           Mar         -0.3         10.7         8.4         2.1           Apr         3.8         10.1         3.1         1.8		-3.9	0.8	2.1
May         -7.5         16.2         -10.1         2.8           Jun         -3.7         13.3         -6.8         4.2           Jul         -1.8         14.3         -6.2         4.6           Aug         -5.1         15.1         3.6         4.7           Sep         -1.8         16.5         3.0         4.3           Oct         0.3         19.6         2.0         4.4           Nov         -1.9         14.1         3.9         4.1           Dec         -0.6         15.1         7.3         3.5           2017 Jan         -0.5         7.1         6.3         3.3           Feb         -1.1         9.9         -3.3         2.5           Mar         -0.3         10.7         8.4         2.1           Apr         3.8         10.1         3.1         1.8	Apr -2.5 12.1	3.4	1.6	1.1
Jun     -3.7     13.3     -6.8     4.2       Jul     -1.8     14.3     -6.2     4.6       Aug     -5.1     15.1     3.6     4.7       Sep     -1.8     16.5     3.0     4.3       Oct     0.3     19.6     2.0     4.4       Nov     -1.9     14.1     3.9     4.1       Dec     -0.6     15.1     7.3     3.5       2017 Jan     -0.5     7.1     6.3     3.3       Feb     -1.1     9.9     -3.3     2.5       Mar     -0.3     10.7     8.4     2.1       Apr     3.8     10.1     3.1     1.8	May -7.5 16.2	-10.1	2.8	0.7
Jul     -1.8     14.3     -6.2     4.6       Aug     -5.1     15.1     3.6     4.7       Sep     -1.8     16.5     3.0     4.3       Oct     0.3     19.6     2.0     4.4       Nov     -1.9     14.1     3.9     4.1       Dec     -0.6     15.1     7.3     3.5       2017 Jan     -0.5     7.1     6.3     3.3       Feb     -1.1     9.9     -3.3     2.5       Mar     -0.3     10.7     8.4     2.1       Apr     3.8     10.1     3.1     1.8				0.6
Aug     -5.1     15.1     3.6     4.7       Sep     -1.8     16.5     3.0     4.3       Oct     0.3     19.6     2.0     4.4       Nov     -1.9     14.1     3.9     4.1       Dec     -0.6     15.1     7.3     3.5       2017 Jan     -0.5     7.1     6.3     3.3       Feb     -1.1     9.9     -3.3     2.5       Mar     -0.3     10.7     8.4     2.1       Apr     3.8     10.1     3.1     1.8				0.2
Sep         -1.8         16.5         3.0         4.3           Oct         0.3         19.6         2.0         4.4           Nov         -1.9         14.1         3.9         4.1           Dec         -0.6         15.1         7.3         3.5           2017 Jan         -0.5         7.1         6.3         3.3           Feb         -1.1         9.9         -3.3         2.5           Mar         -0.3         10.7         8.4         2.1           Apr         3.8         10.1         3.1         1.8				-
Oct         0.3         19.6         2.0         4.4           Nov         -1.9         14.1         3.9         4.1           Dec         -0.6         15.1         7.3         3.5           2017 Jan         -0.5         7.1         6.3         3.3           Feb         -1.1         9.9         -3.3         2.5           Mar         -0.3         10.7         8.4         2.1           Apr         3.8         10.1         3.1         1.8				-0.2
Nov         -1.9         14.1         3.9         4.1           Dec         -0.6         15.1         7.3         3.5           2017 Jan         -0.5         7.1         6.3         3.3           Feb         -1.1         9.9         -3.3         2.5           Mar         -0.3         10.7         8.4         2.1           Apr         3.8         10.1         3.1         1.8				0.2
Dec         -0.6         15.1         7.3         3.5           2017 Jan         -0.5         7.1         6.3         3.3           Feb         -1.1         9.9         -3.3         2.5           Mar         -0.3         10.7         8.4         2.1           Apr         3.8         10.1         3.1         1.8				0.1
2017 Jan     -0.5     7.1     6.3     3.3       Feb     -1.1     9.9     -3.3     2.5       Mar     -0.3     10.7     8.4     2.1       Apr     3.8     10.1     3.1     1.8				-0.1
Feb     -1.1     9.9     -3.3     2.5       Mar     -0.3     10.7     8.4     2.1       Apr     3.8     10.1     3.1     1.8				0.2
Mar -0.3 10.7 8.4 2.1 Apr 3.8 10.1 3.1 1.8				
Apr 3.8 10.1 3.1 1.8				-0.2
				-0.1
				0.4
	May 4.1 6.1	14.1	1.5	1.0
Jun 2.1 11.5 16.2 1.0				0.8
Jul 2.9 8.5 12.6 1.6				0.9
Aug 0.8 6.1 11.5 1.8				1.1
Sep 0.3 6.8 8.0 1.5				1.2
Oct -1.6 2.9 7.3 0.8				1.1
Nov 1.6 5.1 9.0 0.3				1.5
Dec 1.4 5.9 10.8 0.1				1.7
2018 Jan 0.8 8.5 5.4 -0.8				1.7
Eob 26 52 122 00	Feb 3.6 5.2	12.2	-0.9	1.2

Indices reflect values measured at basic prices, which exclude "taxes less subsidies on products".
 Estimates cannot be regarded as accurate to the last digit shown.
 Any apparent inconsistencies between the index numbers and the percentage changes shown in these tables are due to rounding.
 A complete run of data is available on the ONS website as a Time series dataset.

IOS: Index of Services

Chained volume indices of gross value added  $^{1,2,3}$ 

seasonally adjusted 2015 = 100

			Industry componen		
		Computer	·	Financial	
		programming,	Information	service activities	
	Telecom	consultancy and	service	except insurance	Real estate
	-munications	related activities	activities	and pension funding	activities
Component	61	62	63	64	68
2015 weights	23	28	4	51	176
2015 weights		20	4	31	170
ercentage change, lates	t month on previous mor		00014	0000	L/FIMO
0040 M	S22K	S22L	S22M	S22O	KFW3
2016 Mar	-1.5	0.1	-9.2	-0.2	-0.2
Apr	0.2	1.8	6.7	0.1	-0.2
May	-3.4	2.9	-6.2	0.2	-0.4
Jun	3.0	-1.2	-3.0	0.5	0.1
Jul	0.4	2.6	1.4	0.1	-0.1
Aug	0.5	2.2	3.9	0.2	0.1
Sep	0.5	-0.2	2.9	0.1	-0.2
Oct	1.4	4.0	-1.5	0.2	0.2
Nov	-2.1	-1.9	3.6	0.2	0.2
Dec	1.5	-1.5	-0.8	0.3	
2017 Jan	0.5	-2.3	2.8	0.8	0.4
Feb	-1.9	1.7	-2.8	0.1	-
Mar	-0.8	0.9	1.8	-0.6	-
Apr	4.4	1.2	1.5	-0.2	0.2
May	-3.2	-0.8	3.9	-0.1	0.2
Jun	1.1	3.8	-1.2	-0.1	-0.1
Jul	1.1	-0.1	-1.8	0.7	0
Aug	-1.5	-0.1	2.8	0.4	0.3
	-0.1	0.4	-0.3	-0.2	
Sep					-0.1
Oct	-0.5	0.2	-2.2	-0.5	0.1
Nov	1.1	0.1	5.3	-0.4	0.4
Dec	1.4	0.8	0.7	0.1	0.2
2018 Jan	-0.1	0.1	-2.2	-0.1	-0.1
Feb	0.9	-1.3	3.5	-	
Mar	0.5	1.1	-0.6	0.1	0.1
ercentage change, lates	st 3 months on same 3 mo	onths a vear ago			
<b>.</b>	S2GO	S2GP	S2GQ	S2GS	KFL2
2016 Mar	-0.6	11.8	0.2	-	2.3
Apr	-2.4	11.7	1.3	0.8	1.9
May	-4.6	13.7	-3.7	1.7	1.3
Jun	-4.6	13.8	-4.6	2.9	0.8
Jul	-4.4	14.6	-7.8	3.9	0.5
Aug	-3.6	14.2	-7.8	4.5	0.3
Sep	-2.9	15.3	-	4.5	-
Oct	-2.2	17.1	2.9	4.5	-
Nov	-1.2	16.7	3.0	4.3	-
Dec	-0.8	16.2	4.4	4.0	0.1
2017 Jan	-1.0	12.0	5.8	3.7	0.1
Feb	-0.7	10.6	3.2	3.1	-
Mar	-0.6	9.2	3.6	2.7	
Apr	0.8	10.2	2.5	2.1	
May	2.5	8.9	8.4	1.8	0.4
Jun	3.3	9.2	10.9	1.4	0.7
Jul	3.0	8.7	14.3	1.4	0.9
Aug	1.9	8.7	13.4	1.5	1.0
Sep	1.3	7.1	10.6	1.7	1.1
Oct	-0.2	5.2	8.9	1.4	1.2
Nov	0.1	4.9	8.1	0.9	1.3
Dec	0.4	4.6	9.0	0.4	1.5
2018 Jan	1.2	6.5	8.4	-0.2	
					1.5
Feb	1.9	6.5	9.4	-0.6	1.4
Mar	3.1	6.4	9.0	-0.7	1.2

<sup>1</sup> Indices reflect values measured at basic prices, which exclude "taxes less

<sup>1</sup> Induces relined values infleashed at basic prices, which exclude taxes less subsidies on products".

2 Estimates cannot be regarded as accurate to the last digit shown.

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

4 A complete run of data is available on the ONS website as a

Time series dataset



IOS: Index of Services

Chained volume indices of gross value added 1,2,3

seasonally adjusted 2015 = 100

continued	Industry components (SIC2007)							
		Computer	, , ,	Financial				
		programming,	Information	service activities				
	Telecom	consultancy and	service	except insurance	Real estate			
	-munications	related activities	activities	and pension funding	activities			
Component	61	62	63	64	68			
2015 weights	23	28	4	51	170			
Percentage change, lates	st 3 months on previous 3	months						
	S2BY	S2BZ	S2C2	S2C4	KFL4			
2016 Mar	-0.8	4.8	2.8	2.3	0.9			
Apr	-1.9	2.8	3.6	1.7	0.9			
May	-3.2	3.4	-1.7	0.9	-0.			
Jun	-2.6	3.1	-2.9	0.6	-0.			
Jul	-1.7	4.3	-6.6	0.5	-0.0			
Aug	1.1	3.8	-2.9	0.8	-0.3			
Sep	1.7	4.2	0.7	0.6	-0.:			
Oct	2.5	4.7	5.2	0.5				
Nov	1.2	4.1	6.2	0.4				
Dec	1.0	3.2	3.8	0.6	0.			
2017 Jan	0.2	-0.2	3.9	0.8	0.3			
Feb	0.3	-1.0	1.9	1.0	0.4			
Mar	-0.7	-1.5	2.1	0.9	0.4			
Apr	-0.1	1.2	0.4	0.3	0.4			
May	-0.1	1.8	3.2	-0.4	0.4			
Jun	1.3	3.1	4.0	-0.6	0.4			
Jul	0.4	2.8	4.1	-0.2	0.3			
Aug	0.5	3.6	1.5	0.4	0.3			
Sep	-0.3	2.2	0.4	0.8	0.			
Oct	-0.7	1.4	0.3	0.5	0.			
Nov	-0.7	0.5	1.3	-0.1	0.			
Dec	0.1	0.8	2.3	-0.7	0.			
2018 Jan	1.6	1.0	3.4	-0.7	0.			
Feb	2.2	0.6	3.2	-0.4	0.4			
Mar	2.0	0.2	2.1	-0.1	0.2			

<sup>1</sup> Indices reflect values measured at basic prices, which exclude "taxes less

Induces reflect values lineasured at basic prices, which exclude taxes less subsidies on products".

 Estimates cannot be regarded as accurate to the last digit shown.

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

 A complete run of data is available on the ONS website as a Time series dataset.

			Industry components (SIC20	07)	
	·			Public admin	
	Other		Administrative	and defence;	
	professional	Other professional	and support	compulsory	
	service	scientific and technical	service	social	
					Education.
	activities	activities	activities	security	Education
omponent	69-71	73-75	77-82	84	85
015 weights			<b>58</b> S2LZ	60	
2013	88.7	91.6	86.4	S2M9 103.4	S2MB 96.5
2013	94.7	97.6	94.6	101.8	98.3
2014	100.0	100.0			
2016	105.0	107.3	100.0 103.0	100.0 98.6	100.0 99.9
2016	109.1	107.3	106.5	98.6	101.1
2017	103.1	103.0	100.5	33.1	101.1
2016 Mar	103.4	102.1	101.6	98.8	99.7
Apr	105.3	106.7	102.5	98.6	99.5
May	104.2	107.2	101.6	98.4	100.1
Jun	105.1	106.6	102.3	98.4	99.9
Jul	105.1	107.7	102.9	98.5	99.7
Aug	105.6	106.9	102.9	98.5	99.5
Sep	105.8	108.5	102.9	98.5	99.5
Oct	106.8	108.9	104.7	98.5	99.7
Nov	108.2	110.2	103.7	98.5 98.5	99.7
Dec	108.2	110.2	104.8	98.5 98.5	100.3
2017 Jan	107.0	113.4	104.4	98.5 98.5	100.3
Feb	106.7	107.6	105.0	98.7	101.1
Mar	108.2	105.3	106.3	98.9	101.0
Apr	108.1	106.0	103.7	99.1	100.9
May	108.5	109.4	105.9	99.3	100.9
Jun	108.6	111.3	106.1	99.3	100.9
Jul	109.2	109.4	106.1	99.2	101.0
Aug	109.3	111.0	106.6	99.1	101.1
Sep	109.3	112.8	106.9	99.1	101.3
Oct	109.6	110.9	107.7	99.2	101.3
Nov	111.1	112.0	109.3	99.2	101.3
Dec	111.6	111.5	109.0	99.3	101.4
2018 Jan	113.5	112.5	109.7	99.1	101.4
Feb	111.9	111.9	108.0	99.0	101.5
Mar	113.0	111.8	108.4	99.0	101.5
ercentage change, latest					
	KFX5	KFX9	S237	S23F	S23H
2013	7.1	0.6	5.0	-2.2	0.8
2014	6.7	6.6	9.6	-1.6	1.8
2015	5.6	2.4	5.7	-1.8	1.8
2016	5.0	7.3	3.0	-1.4	-0.1
2017	3.9	2.2	3.4	0.4	1.2
ercentage change, latest	t month on same mo KFO6	nth a year ago KFQ2	S27V	S285	S287
2016 Mar	5.8	1.2	2.0	-2.0	0.1
Apr	5.7	11.4	2.9	-2.2	-0.6
May	3.7	9.6	3.3	-2.0	0.0
Jun	4.7	6.1	2.8	-1.5	-0.1
	5.5	9.4	1.0	-1.0	-0.5
	5.5			-0.9	-0.7
Jul			1.5		
Jul Aug	5.9	8.5	1.5 3.4	-0.8	
Jul Aug Sep	5.9 3.7	8.5 8.5	3.4	-0.8 -0.7	-0.7
Jul Aug Sep Oct	5.9 3.7 4.8	8.5 8.5 6.6	3.4 2.2	-0.7	-0.7 -0.4
Jul Aug Sep Oct Nov	5.9 3.7 4.8 6.4	8.5 8.5 6.6 7.7	3.4 2.2 3.6	-0.7 -0.7	-0.7 -0.4 -0.3
Jul Aug Sep Oct Nov Dec	5.9 3.7 4.8 6.4 5.4	8.5 8.5 6.6 7.7 9.1	3.4 2.2 3.6 3.8	-0.7 -0.7 -0.7	-0.7 -0.4 -0.3 -0.2
Jul Aug Sep Oct Nov Dec 2017 Jan	5.9 3.7 4.8 6.4 5.4 8.7	8.5 8.5 6.6 7.7 9.1 1.8	3.4 2.2 3.6 3.8 4.1	-0.7 -0.7 -0.7 -0.7	-0.7 -0.4 -0.3 -0.2 0.6
Jul Aug Sep Oct Nov Dec 2017 Jan Feb	5.9 3.7 4.8 6.4 5.4 8.7 3.8	8.5 8.5 6.6 7.7 9.1 1.8 4.6	3.4 2.2 3.6 3.8 4.1 1.8	-0.7 -0.7 -0.7 -0.7 -0.4	-0.7 -0.4 -0.3 -0.2 0.6 0.5
Jul Aug Sep Oct Nov Dec 2017 Jan Feb Mar	5.9 3.7 4.8 6.4 5.4 8.7 3.8 4.6	8.5 8.5 6.6 7.7 9.1 1.8 4.6 3.2	3.4 2.2 3.6 3.8 4.1 1.8 4.7	-0.7 -0.7 -0.7 -0.7 -0.4 0.1	-0.7 -0.4 -0.3 -0.2 0.6 0.5
Jul Aug Sep Oct Nov Dec 2017 Jan Feb Mar Apr	5.9 3.7 4.8 6.4 5.4 8.7 3.8 4.6 2.7	8.5 8.5 6.6 7.7 9.1 1.8 4.6 3.2 -0.7	3.4 2.2 3.6 3.8 4.1 1.8 4.7 1.2	-0.7 -0.7 -0.7 -0.7 -0.4 0.1 0.5	-0.7 -0.4 -0.3 -0.2 0.6 0.5 1.3
Jul Aug Sep Oct Nov Dec 2017 Jan Feb Mar Apr May	5.9 3.7 4.8 6.4 5.4 8.7 3.8 4.6 2.7	8.5 8.6 6.6 7.7 9.1 1.8 4.6 3.2 -0.7 2.1	3.4 2.2 3.6 3.8 4.1 1.8 4.7 1.2 4.3	-0.7 -0.7 -0.7 -0.4 0.1 0.5 0.9	-0.7 -0.4 -0.3 -0.2 0.6 0.5 1.3 1.4
Jul Aug Sep Oct Nov Dec 2017 Jan Feb Mar Apr May Jun	5.9 3.7 4.8 6.4 5.4 8.7 3.8 4.6 2.7 4.1	8.5 8.5 6.6 7.7 9.1 1.8 4.6 3.2 -0.7 2.1 4.4	3.4 2.2 3.6 3.8 4.1 1.8 4.7 1.2 4.3 3.6	-0.7 -0.7 -0.7 -0.7 -0.4 0.1 0.5 0.9	-0.7 -0.4 -0.3 -0.2 -0.6 0.5 1.3 1.4 0.8
Jul Aug Sep Oct Nov Dec 2017 Jan Feb Mar Apr May Jun Jul	5.9 3.7 4.8 6.4 5.4 8.7 3.8 4.6 2.7 4.1 3.4	8.5 8.5 6.6 7.7 9.1 1.8 4.6 3.2 -0.7 2.1 4.4	3.4 2.2 3.6 3.8 4.1 1.8 4.7 1.2 4.3 3.6 3.1	-0.7 -0.7 -0.7 -0.4 0.1 0.5 0.9 0.9	-0.7 -0.4 -0.3 -0.2 -0.6 -0.5 1.3 1.4 -0.8 1.0
Jul Aug Sep Oct Nov Dec 2017 Jan Feb Mar Apr May Jun Jul Aug	5.9 3.7 4.8 6.4 5.4 8.7 3.8 4.6 2.7 4.1 3.4 3.7	8.5 8.5 6.6 7.7 9.1 1.8 4.6 3.2 -0.7 2.1 4.4 1.6 3.8	3.4 2.2 3.6 3.8 4.1 1.8 4.7 1.2 4.3 3.6 3.1	-0.7 -0.7 -0.7 -0.4 0.1 0.5 0.9 0.9	-0.7 -0.4 -0.3 -0.2 0.6 0.5 1.3 1.4 0.8 1.0
Jul Aug Sep Oct Nov Dec 2017 Jan Feb Mar Apr May Jun Jul Aug Sep	5.9 3.7 4.8 6.4 5.4 8.7 3.8 4.6 2.7 4.1 3.4 3.7 3.5 3.3	8.5 8.5 6.6 7.7 9.1 1.8 4.6 3.2 -0.7 2.1 4.4 1.6 3.8 4.0	3.4 2.2 3.6 3.8 4.1 1.8 4.7 1.2 4.3 3.6 3.1 3.6 2.1	-0.7 -0.7 -0.7 -0.7 -0.4 0.1 0.5 0.9 0.9 0.7 0.6 0.6	-0.7 -0.4 -0.3 -0.2 0.6 0.5 1.3 1.4 0.8 1.0 1.3
Jul Aug Sep Oct Nov Dec 2017 Jan Feb Mar Apr May Jun Jul Aug Sep Oct	5.9 3.7 4.8 6.4 5.4 8.7 3.8 4.6 2.7 4.1 3.4 3.7 3.5 3.3	8.5 8.5 6.6 7.7 9.1 1.8 4.6 3.2 -0.7 2.1 4.4 1.6 3.8 4.0 1.9	3.4 2.2 3.6 3.8 4.1 1.8 4.7 1.2 4.3 3.6 3.1 3.6 2.1	-0.7 -0.7 -0.7 -0.4 0.1 0.5 0.9 0.9 0.7 0.6 0.6	-0.7 -0.4 -0.3 -0.2 -0.6 -0.5 1.3 1.4 -0.8 1.0 1.3 1.6 1.8
Jul Aug Sep Oct Nov Dec 2017 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov	5.9 3.7 4.8 6.4 5.4 8.7 3.8 4.6 2.7 4.1 3.4 3.5 3.3 2.6 2.7	8.5 8.5 6.6 7.7 9.1 1.8 4.6 3.2 -0.7 2.1 4.4 1.6 3.8 4.0 1.9	3.4 2.2 3.6 3.8 4.1 1.8 4.7 1.2 4.3 3.6 3.1 3.6 2.1 3.9 4.3	-0.7 -0.7 -0.7 -0.4 -0.1 0.5 -0.9 -0.7 -0.6 -0.6 -0.6 -0.7	-0.7 -0.4 -0.3 -0.2 0.6 0.5 1.3 1.4 0.8 1.0 1.3 1.8 1.7 1.4
Jul Aug Sep Oct Nov Dec 2017 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec	5.9 3.7 4.8 6.4 5.4 8.7 3.8 4.6 2.7 4.1 3.4 3.7 3.5 3.3 2.6 2.7	8.5 8.5 6.6 7.7 9.1 1.8 4.6 3.2 -0.7 2.1 4.4 1.6 3.8 4.0 1.9 1.6	3.4 2.2 3.6 3.8 4.1 1.8 4.7 1.2 4.3 3.6 3.1 3.6 2.1 3.9 4.3	-0.7 -0.7 -0.7 -0.4 -0.1 -0.5 -0.9 -0.7 -0.6 -0.6 -0.6 -0.7 -0.8	-0.7 -0.4 -0.3 -0.2 0.6 0.5 1.3 1.4 0.8 1.0 1.3 1.6 1.8
Jul Aug Sep Oct Nov Dec 2017 Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov	5.9 3.7 4.8 6.4 5.4 8.7 3.8 4.6 2.7 4.1 3.4 3.5 3.3 2.6 2.7	8.5 8.5 6.6 7.7 9.1 1.8 4.6 3.2 -0.7 2.1 4.4 1.6 3.8 4.0 1.9	3.4 2.2 3.6 3.8 4.1 1.8 4.7 1.2 4.3 3.6 3.1 3.6 2.1 3.9 4.3	-0.7 -0.7 -0.7 -0.4 -0.1 0.5 -0.9 -0.7 -0.6 -0.6 -0.6 -0.7	-0.7 -0.4 -0.3 -0.2 0.6 0.5 1.3 1.4 0.8 1.0 1.3 1.8 1.7 1.4

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seasonally adjusted 2015 = 100

continued	Onamed volume inc	ilces of gross value added	31	easonally adjusted 2015 =	100
		I	Industry components (SIC200	7)	
	Other professional service activities	Other professional scientific and technical activities	Administrative and support service activities	Public admin and defence; compulsory social security	Education
Component	69-71	73-75	77-82	84	85
2015 weights	70	19	58	60	77
Percentage change, I	atest month on previous i				
	KFX5	KFX9	S237	S23F	S23H
2016 Mar	0.6	-0.7	-1.6	-0.3	-0.9
Apr	1.8	4.5	1.0	-0.1	-0.2
May	-1.0	0.5	-0.9	-0.2	0.6
Jun	0.9	-0.6	0.8		-0.2
Jul	0.2	1.0	0.6	0.1	-0.2
Aug	0.3	-0.7	. <del>.</del>	=	-0.2
Sep	0.2	1.4	1.8	-	-
Oct	0.9	0.4	-0.9	=	0.2
Nov	1.3	1.2	1.0	-	0.3
Dec	-1.1	2.9	-0.4	-	0.4
2017 Jan	1.9	-4.7	1.1	-	0.5
Feb	-2.1	-0.4	-0.5	0.1	0.3
Mar	1.4	-2.1	1.2	0.2	-0.1
Apr	-	0.6	-2.4	0.2	-0.1
May	0.4	3.3	2.1	0.2	-
Jun	0.1	1.7	0.1	-	-
Jul	0.5	-1.7	-	-0.1	0.1
Aug	0.1	1.5	0.5	-0.1	0.1
Sep	_	1.6	0.2	-	0.1
Oct	0.3	-1.7	0.8	0.1	-
Nov	1.4	1.0	1.4	0.1	_
Dec	0.4	-0.4	-0.3	0.1	0.1
2018 Jan	1.7	0.9	0.7	-0.2	-
Feb	-1.4	-0.6	-1.6	-0.1	0.1
Mar	1.0	-0.1	0.4	-0.1	0.1
arcentane channe l	atest 3 months on same 3	months a year ago			
	KFO8	KFQ4	S2HB	S2HJ	S2HL
2016 Mar	4.6	3.5	3.8	-2.0	0.6
Apr	5.5	5.6	3.5	-2.0	0.2
May	5.0	7.3	2.7	-2.1	-0.1
Jun	4.7	9.0	3.0	-1.9	-0.2
Jul	4.6	8.3	2.3	-1.5	-0.2
Aug	5.4	7.9	1.8	-1.2	-0.4
Sep	5.0	8.8	2.0	-0.9	-0.6
Oct	4.8	7.8	2.4	-0.8	-0.6
Nov	5.0	7.6	3.1	-0.7	-0.5
Dec	5.6	7.8	3.2	-0.7	-0.3
2017 Jan	6.8	6.2	3.8	-0.7	-
Feb	6.0	5.2	3.2	-0.6	0.3
Mar	5.7	3.2	3.5	-0.3	0.8
Apr	3.7	2.3	2.5	0.1	1.1
May	3.8	1.5	3.4	0.5	1.2
Jun	3.4	1.9	3.0	0.8	1.1
Jul	3.7	2.7	3.7	0.8	1.0
Aug	3.5	3.3	3.4	0.7	1.3
Sep	3.5	3.1	2.9	0.7	1.6
Oct	3.1	3.2	3.2	0.6	1.7
Nov	2.9	2.5	3.4	0.6	1.6
Dec	3.2	0.6	4.2	0.6	1.4
2018 Jan	3.2	1.3	4.2	0.7	1.4
Feb	3.7 4.4	2.1	4.3 3.8	0.7	0.7
	4.4				0.7
Mar	4.5	4.7	3.0	0.4	0.5

<sup>1</sup> Indices reflect values measured at basic prices, which exclude "taxes less

Indices reflect values measured at basic prices, which exclude "taxes less subsidies on products".

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continued		Inc	lustry components (SIC200	7)	
				,	
				Public admin	
	Other		Administrative	and defence;	
	professional	Other professional	and support	compulsory	
	service	scientific and technical	service	social	
	activities	activities	activities	security	Education
Component	69-71	73-75	77-82	84	85
2015 weights	70	19	58	60	77
Percentage change, lates	t 3 months on previous	3 months			
	KFP2	KFQ6	S2CL	S2CT	S2CV
2016 Mar	0.5	0.8	1.0	-0.2	-0.1
Apr	2.7	-0.3	1.4	-0.4	-0.4
May	2.7	1.0	0.2	-0.6	-0.7
Jun	2.6	3.1	0.1	-0.5	-0.3
Jul	1.0	3.2	-0.1	-0.4	
Aug	1.0	1.7	0.8	-0.2	-
Sep	0.7	8.0	1.3	-	-0.2
Oct	1.1	0.9	1.4	0.1	-0.3
Nov	1.5	2.0	1.6	0.1	-
Dec	1.6	2.9	0.7	-	0.4
2017 Jan	1.9	2.3	1.1	-	8.0
Feb	0.6	0.4	0.6	=	1.0
Mar	0.6	-3.5	1.3	0.2	1.0
Apr	-0.4	-3.9	0.1	0.4	0.6
May	0.7	-2.5	0.3	0.5	0.2
Jun	0.4	1.8	-0.3	0.5	-0.1
Jul	1.0	3.5	1.0	0.4	-0.1
Aug	0.7	3.4	0.9	0.1	0.1
Sep	0.8	2.0	1.2	-0.1	0.3
Oct	0.5	1.4	1.0	-0.1	0.3
Nov	0.9	1.2	1.6	-	0.3
Dec	1.4	0.4	2.0	0.1	0.2
2018 Jan	2.4	0.4	2.1	0.1	0.1
Feb	2.1	0.1	0.9	_	0.1
Mar	1.8	0.5		-0.2	0.1

<sup>1</sup> Indices reflect values measured at basic prices, which exclude "taxes less

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S23I         S23M           2013         2.5         -3.5           2014         3.6         2.3           2015         1.3         0.1           2016         2.2         -1.1           2017         0.4         0.3	Other service activities 94-96 27 S2ML 86.3 95.9 100.0 99.2	Activities of households as employers 97 5 \$2MQ	
Aug	activities 94-96 27 S2ML 86.3 95.9 100.0	households as employers 97 5	
Component   86-83   90-93	activities 94-96 27 S2ML 86.3 95.9 100.0	as employers 97 5	
Component   86-88   90-93   19   19   19   19   19   19   19	94-96 27 S2ML 86.3 95.9 100.0	97 <b>5</b>	
2015 weights	27 S2ML 86.3 95.9 100.0	5	
S2MC   S2MG   S2MG   S2MG   95.3   97.7   2014   98.7   99.9   9.9   2015   100.0   100.0   2016   102.2   98.9   2017   102.7   99.2   2016   Mar   102.5   98.3   97.8   34.5	S2ML 86.3 95.9 100.0		
2013	86.3 95.9 100.0		
2015	100.0	107.1	
2015	100.0	101.4	
2016 2017 102.7 99.2  2016 Mar Apr 102.4 97.1 May 102.3 97.8 Jun 102.3 98.5 Jun 102.4 100.1 Aug 102.4 Nov 102.2 98.7 Oct 102.1 Nov 102.0 99.4 Nov 102.0 99.4 Nov 102.0 99.4 Nov 102.0 99.4 Nor Dec 102.1 99.0 Mar 102.3 101.1 2017 Jan 102.3 101.8 Feb 102.5 99.0 Mar 102.6 99.3 Apr 102.6 99.0 May 102.6 99.8 Sep 102.8 98.0 Oct 103.0 Nov 103.3 99.4 Dec 2018 Jan 103.5 98.7 Feb 103.6 97.1 Mar 103.8 98.6  Percentage change, latest year on previous year Sep 2016 2017 0.4 0.3  Percentage change, latest month on same month a year ago  Percentage change, latest month on same month a year ago  Percentage change, latest month on same month a year ago  Sep 10.1 2017 0.4 0.3  Percentage change, latest month on same month a year ago  Percentage change, latest month on same month a year ago  Percentage change, latest month on same month a year ago  Sep 10.1 2017 0.4 0.3  Percentage change, latest month on same month a year ago  Percentage change, latest month on same month a year ago  Sep 1.8 2016 2.2 2.1 3.7 4pr 2.8 3.7 Apr 2.8 3.7 Apr 2.9 4ug 2.0 6.6 8ep 1.8 -1.7 Oct 1.6 0.7 Nov 1.3 -6.6 0.7 Nov 1.3 -6.6 Dec 1.1 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7		100.0	
2017 102.7 99.2  2016 Mar 102.5 98.3 Apr 102.4 97.1 May 102.3 97.8 Jun 102.3 98.5 Jul 102.4 100.1 Aug 102.4 97.0 Sep 102.2 98.7 Oct 102.1 99.4 Nov 102.0 99.4 Dec 102.0 101.1 2017 Jan 102.6 99.3 Apr 102.6 99.3 Apr 102.6 99.3 Apr 102.6 99.3 Apr 102.6 98.6 Jun 102.4 96.9 Aug 102.4 96.9 Aug 102.4 96.9 Aug 102.4 96.9 Aug 102.5 98.0 Sep 102.8 98.2 Oct 103.0 100.0 Nov 103.3 99.4 Dec 103.0 100.0 Nov 103.3 99.4 Peb 102.5 98.0 Sep 102.8 98.2 Oct 103.0 100.0 Nov 103.3 99.4 Peb 102.5 98.0 Sep 102.8 98.2 Oct 103.0 100.0 Nov 103.3 99.4 Dec 103.5 100.4 96.9 Aug 102.5 98.0 Sep 102.8 98.2 Oct 103.5 100.4 2018 Jan 103.5 98.7 Feb 103.6 97.1 Feb 103.6 97.1 Feb 103.6 97.1 Sep 103.6 97.1 Dec 103.0 100.0 Apr 103.8 98.6 Percentage change, latest year on previous year Sep 102.8 98.6 Dec 103.5 10.4 0.3 Dec 103.0 100.0 Nov 103.3 99.4 Dec 103.0 98.6 Dec 103.5 100.4 0.3 Dec 103.0 100.0 Nov 103.3 99.4 Dec 103.5 100.4 0.3 Dec 103.0 100.0 Nov 103.8 98.6 Dec 103.5 100.4 0.3 Dec 103.0 Sep 1.3 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1 0.1		116.6	
2016 Mar	94.7	111.0	
Apr	·		
Apr	100.8	111.6	
May         102.3         97.8           Jun         102.3         98.5           Jul         102.4         100.1           Aug         102.4         97.0           Sep         102.2         98.7           Oct         102.1         99.4           Nov         102.0         99.4           Nov         102.0         101.1           2017 Jan         102.3         101.8           Feb         102.5         99.0           Mar         102.6         99.3           Apr         102.6         101.0           May         102.6         99.3           Apr         102.6         99.3           Apr         102.6         99.3           Apr         102.6         98.6           Jun         102.4         98.9           Jul         102.4         98.0           Sep         102.8         98.2           Oct         103.0         100.0           Nov         103.3         99.4           Dec         103.5         100.4           2018 Jan         103.5         98.7      Feb         103.6         97.1	100.8	115.6	
Jun 102.3 98.5 Jul 100.1 Aug 102.4 100.1 Aug 102.4 97.0 Sep 102.2 98.7 Oct 102.1 99.4 Nov 102.0 99.4 Dec 102.0 101.1 2017 Jan 102.5 99.0 Mar 102.6 99.3 Apr 102.6 101.0 May 102.6 98.6 Jun 102.4 98.0 Jul 102.4 98.0 Jul 102.4 98.0 Jul 102.5 98.0 Sep 102.8 98.2 Oct 103.0 100.0 Nov 103.3 99.4 Dec 103.5 98.0 Sep 102.8 98.2 Oct 103.0 100.0 Nov 103.3 99.4 Dec 103.5 100.4 2018 Jan 103.5 98.7 Feb 103.6 97.1 Mar 103.8 98.6 Percentage change, latest year on previous year Sep 102.8 98.6 Sep 103.6 97.1 Jul 103.8 98.6 Percentage change, latest month on same month a year ago Sep 104 3.6 2.3 2015 1.3 0.1 2016 2.2 1.1 2017 0.4 0.3 Percentage change, latest month on same month a year ago Sep 1.8 3.7 Apr 2.8 3.7 May 2.2 2.1 Jun 2.0 1.2 Jul 1.9 0.7 Aug 2.0 0.6 Sep 1.8 1.7 Oct 1.6 0.7 Nov 1.3 0.6 Dec 1.1 0.9 Oct 1.6 0.7 Nov 1.3 0.6 Dec 1.1 0.4 0.8 Feb 1.3 0.2 0.0 0.6 Nov 1.3 0.6 0.7 Nov 1.3 0.8 Nov 1.3 0.8 Nov 1.3 0.8 Nov 1.3 0.8 Nov	100.2	119.1	
Jul 102.4 97.0 Sep 102.2 98.7 Oct 102.1 99.4 Nov 102.0 99.4 Dec 102.0 101.1 2017 Jan 102.6 99.3 Apr 102.6 99.3 Apr 102.6 98.6 Jun 102.4 96.9 Jun 102.4 96.9 Aug 102.5 98.0 Sep 102.5 98.0 Sep 102.8 98.2 Oct 103.0 101.0 Nov 103.3 99.4 Aug 102.5 98.0 Sep 102.8 98.2 Oct 103.0 100.0 Nov 103.3 99.4 Percentage change, latest year on previous year  Percentage change, latest month on same month a year ago  Percentage change, latest month on same month a year ago  Percentage change, latest month on same month a year ago  Sep 1.3 Se	99.4	121.7	
Aug 102.4 97.0 Sep 102.2 98.7 Oct 102.1 99.4 Nov 102.0 99.4 Nov 102.0 101.1 101.8 Feb 102.5 99.0 Mar 102.6 99.3 Apr 102.6 98.6 Jun 102.6 98.6 Jun 102.4 98.0 Jul 102.4 98.0 Jul 102.4 98.0 Sep 102.8 98.2 Oct 103.5 100.4 Nov 103.3 99.4 Dec 103.5 100.4 Sep 102.6 103.5 100.4 Precentage change, latest warm or previous year S23 S23M S23M S2014 3.6 2.3 2015 1.3 0.1 22.2 1.1 2017 0.4 0.3 Percentage change, latest month on same month a year ago Percentage change, latest month on same month a year ago Sep 1.8 3.7 3.0 1.2 Jul 1.9 0.7 Aug 2.0 -1.2 Jul 1.9 0.7 Aug 2.0 -0.6 Sep 1.8 -1.7 Oct 1.6 0.7 Nov 1.3 -0.6 Dec 1.1 -2.7 2017 Jan 0.4 0.8 Feb 1.1 -2.7 2017 Jan 0.4 0.8 Apr 0.2 4.0 May 0.3 0.8			
Sep	99.8	123.2	
Oct         102.1         99.4           Nov         102.0         99.4           Dec         102.0         101.1           2017 Jan         102.3         101.8           Feb         102.5         99.0           Mar         102.6         99.3           Apr         102.6         99.3           Apr         102.6         98.6           Jun         102.4         98.0           Jun         102.4         98.0           Jul         102.4         98.0           Jul         102.4         98.0           Sep         102.8         98.2           Oct         103.0         100.0           Nov         103.3         99.4           Dec         103.5         98.7           Feb         103.6         97.1           Mar         103.8         98.6           Percentage change, latest year on previous year         2231         S23M           2013         2.5         -3.5           2014         3.6         2.3         2.5           2015         1.3         0.1         2.2           2016         2.2         -1.1	100.0	122.3	
Nov	98.0	119.8	
Dec   102.0   101.1   2017   Jan   102.3   101.8   Feb   102.5   99.0   Mar   102.6   99.3   Apr   102.6   101.0   May   102.6   98.6   Jun   102.4   98.0   Jul   102.4   96.9   Jul   102.5   98.0   Sep   102.8   98.2   Oct   103.0   100.0   Nov   103.3   99.4   Dec   103.5   100.4   2018   Jan   103.5   98.7   Feb   103.6   97.1   Mar   103.8   98.6   Percentage change, latest year on previous year   2013   2.5   -3.5   2014   3.6   2.3   2015   1.3   0.1   2016   2.2   -1.1   2017   0.4   0.3   2016   2.2   -1.1   2017   0.4   0.3   2016   2.2   -2.1   Jun   2.0   -1.2   Jun   Aug   2.0   -0.6   Sep   1.8   -1.7   Oct   1.6   0.7   Nov   1.3   -0.6   Dec   1.1   -2.7   2017   Jan   0.4   0.8   Feb   -1   Feb   -1   Feb   -1   Feb   -1   Feb   -1   Feb   -1   Feb   Mar   0.1   0.8   Feb   Mar   0.1   0.8   Feb   Mar   0.1   0.2   4.0   May   0.3   0.8	96.8	116.3	
2017 Jan 102.3 101.8 Feb 102.5 99.0 Mar 102.6 99.3 Apr 102.6 99.3 Apr 102.6 98.6 Jun 102.4 98.0 Jun 102.4 98.0 Jun 102.4 96.9 Aug 102.5 98.0 Sep 102.8 98.2 Oct 103.0 100.0 Nov 103.3 99.4 Dec 103.5 100.4 2018 Jan 103.5 98.7 Feb 103.6 97.1 Mar 103.8 98.6 Percentage change, latest year on previous year 2015 1.3 0.1 2016 2.2 -1.1 2017 0.4 0.3 Percentage change, latest month on same month a year ago 2016 Mar 3.7 3.0 Apr 2.8 3.7 May 2.2 -2.1 Jun 2.0 -1.2 Jul 1.9 0.7 May 2.0 -1.2 Jul 1.9 0.7 Aug 2.0 -0.6 Sep 1.8 -1.7 Oct 1.6 0.7 Nov 1.3 -0.6 Dec 1.1 -2.7 2017 Jan 0.4 0.8 Feb Mar 0.1 0.2 4.0 May 0.3 0.8	96.2	113.7	
2017 Jan 102.3 101.8 Feb 102.5 99.0 Mar 102.6 99.3 Apr 102.6 99.3 Apr 102.6 98.6 Jun 102.4 98.0 Jun 102.4 98.0 Jul 102.4 96.9 Aug 102.5 98.0 Sep 102.8 98.2 Oct 103.0 100.0 Nov 103.3 99.4 Dec 103.5 100.4 2018 Jan 103.5 98.7 Feb 103.6 97.1 Mar 103.8 98.6  Percentage change, latest year on previous year 2013 2.5 -3.5 2014 3.6 2.3 2015 1.3 0.1 2016 2.2 -1.1 2017 0.4 0.3  Percentage change, latest month on same month a year ago  S288 S28C 2016 Mar 3.7 -3.0 Apr 2.8 -3.7 May 2.2 -2.1 Jun 1.9 0.7 Aug 2.0 -1.2 Jul 1.9 0.7 Aug 2.0 -0.6 Sep 1.8 -1.7 Oct 1.6 0.7 Nov 1.3 -0.6 Dec 1.1 -2.7 2017 Jan 0.4 0.8 Feb 1.3 -0.6 Dec 1.1 -2.7 Even Mar 0.1 1.0 Apr 0.2 4.0 May 0.3 0.8	95.5	112.3	
Feb 102.5 99.0 Mar 102.6 99.3 Apr 102.6 101.0 May 102.6 101.0 May 102.6 98.6 Jun 102.4 98.0 Jun 102.4 98.0 Jul 102.4 96.9 Aug 102.5 98.0 Sep 102.8 98.2 Oct 103.0 100.0 Nov 103.3 99.4 Dec 103.5 100.4 2018 Jan 103.5 98.7 Feb 103.6 97.1 Mar 103.8 98.6 Percentage change, latest year on previous year S23 S23M S23M 2014 3.6 2.3 2014 3.6 2.3 2015 1.3 0.1 2016 2.2 1.11 2017 0.4 0.3 Percentage change, latest month on same month a year ago Percentage change, latest month on same month a year ago S28 S28C 2016 Mar 3.7 3.0 1.1 2.1 Jul 1.9 0.7 Aug 2.2 2.1 Jun 2.0 1.2 Jul 1.9 0.7 Aug 2.0 0.6 Sep 1.8 1.7 Oct 1.6 0.7 Nov 1.3 0.6 Dec 1.1 0.4 0.8 Feb 1.3 0.6 Dec 1.1 0.7 Nov 1.3 0.6 Dec 1.1 0.4 0.8 Feb 1.5 Dec 1.1 0.4 0.8 Feb 1.5 Dec 1.1 0.4 0.8 Feb 1.5 Dec 1.1 1.0 Apr 0.2 4.0 May 0.3 0.8	96.8	115.6	
Mar 102.6 99.3 Apr 102.6 101.0 May 102.6 98.6 Jun 102.6 98.6 Jun 102.4 98.0 Jul 102.4 96.9 Jul 102.5 98.0 Sep 102.8 98.2 Oct 103.0 100.0 Nov 103.3 99.4 Dec 103.5 100.4 97.1 Mar 103.8 98.6 Percentage change, latest year on previous year S231 S23M A2015 13.3 0.1 2016 2.2 -1.1 2017 0.4 0.3 Percentage change, latest month on same month a year ago S288 S28C 2016 Mar 3.7 3.0 Apr 2.8 3.7 May 2.2 -2.1 Jun 2.0 -1.2 Jul 1.9 0.7 Aug 2.0 -0.6 Sep 1.8 -1.7 Oct 1.6 0.7 Nov 1.3 -0.6 Dec 1.1 -2.7 2017 Jan 0.4 0.8 Feb 1.3 0.4 0.8 Feb 1.3 -0.6 Dec 1.1 -2.7 2017 Jan 0.4 0.8 Feb 1.3 -0.6 Dec 1.1 -2.7 2017 Jan 0.4 0.8 Feb 1.3 -0.6 Dec 1.1 -2.7 2017 Jan 0.4 0.8 Feb 1.5 Cap May 0.3 0.8	95.4	115.5	
Apr 102.6 101.0 May 102.6 98.6 98.6 Jun 102.4 98.0 Jun 102.4 98.0 Jun 102.4 96.9 Aug 102.5 98.0 Sep 102.8 98.2 Oct 103.0 100.0 Nov 103.3 99.4 Dec 103.5 100.4 2018 Jan 103.5 98.7 Feb 103.6 97.1 Mar 103.8 98.6 Percentage change, latest year on previous year S231 S23M 2013 2.5 -3.5 2016 2.2 -1.1 2017 0.4 0.3 Percentage change, latest month on same month a year ago Percentage change, latest month on same month a year ago S288 S28C 2016 Mar 3.7 -3.0 Apr 2.8 -3.7 May 2.2 -2.1 Jun 1.9 0.7 May 2.2 -2.1 Jun 1.9 0.7 Aug 2.0 -0.6 Sep 1.8 -1.7 Oct 1.6 0.7 Nov 1.3 -0.6 Dec 1.1 -2.7 2017 Jan 0.4 0.8 Feb 1.3 -1.7 Feb 1.5 Mar 0.1 1.0 Apr 0.2 4.0 May 0.3 0.8	96.9	114.5	
May 102.6 98.6 Jun 102.4 98.0 Jun 102.4 96.9 Aug 102.5 98.0 Sep 102.8 98.2 Oct 103.0 100.0 Nov 103.3 99.4 Dec 103.5 100.4 2018 Jan 103.5 98.7 Feb 103.6 97.1 Mar 103.8 98.6 Percentage change, latest year on previous year \$231 \$231 \$2014 3.6 2.3 2015 1.3 0.1 2017 0.4 0.3 \$288 \$28C 2016 Mar 3.7 3.0 0.1 2017 0.4 0.3 \$288 \$28C 2016 Mar 3.7 3.0 0.1 3.0 3.0 3.0 3.0 3.0 3.0 3.0 3	95.9	114.0	
Jun 102.4 98.0 Jul 102.4 96.9 Aug 102.5 98.0 Sep 102.8 98.2 Oct 103.0 100.0 Nov 103.3 99.4 Dec 103.5 100.4 2018 Jan 103.5 98.7 Feb 103.6 97.1 Mar 103.8 98.6 Percentage change, latest year on previous year 2013 2.5 3.5 2014 3.6 2.3 2015 1.3 0.1 2016 2.2 1.1 2017 0.4 0.3 Percentage change, latest month on same month a year ago S288 S28C 2016 Mar 3.7 3.0 0.1 2017 0.4 0.3 Percentage change, latest month on same month a year ago S288 S28C 2016 Mar 3.7 3.0 Apr 2.8 3.7 May 2.2 2.1 Jun 2.0 1.2 Jul 1.9 0.7 Aug 2.0 1.2 Jul 1.9 0.7 Aug 2.0 0.6 Sep 1.8 1.7 Oct 1.6 0.7 Nov 1.3 0.6 0.7 Nov 1.3 0.6 Dec 1.1 2.7 2017 Jan 0.4 0.8 Feb 1.5 Cap Mar 0.1 0.2 4.0 May 0.3 0.8	96.1	114.6	
Jul 102.4 96.9 Aug 102.5 98.0 Sep 102.8 98.2 Oct 103.0 100.0 Nov 103.3 99.4 Dec 103.5 100.4 2018 Jan 103.5 98.7 Feb 103.6 97.1 Mar 103.8 98.6  Percentage change, latest year on previous year  2013 2.5 -3.5 2014 3.6 2.3 2015 1.3 0.1 2016 2.2 -1.1 2017 0.4 0.3  Percentage change, latest month on same month a year ago S288 S28C 2016 Mar 3.7 3.0 Apr 2.8 3.7 May 2.2 -2.1 Jun 1.9 0.7 May 2.2 -2.1 Jun 1.9 0.7 Aug 2.0 -0.6 Sep 1.8 -1.7 Oct 1.6 0.7 Nov 1.3 -0.6 Dec 1.1 -2.7 2017 Jan 0.4 0.8 Feb Feb Mar 0.1 1.0 Apr 0.2 4.0 May 0.3 0.8			
Aug 102.5 98.0 Sep 102.8 98.2 Oct 103.0 100.0 Nov 103.3 99.4 Dec 103.5 100.4 2018 Jan 103.5 98.6 Percentage change, latest year on previous year S231 S23M 2014 3.6 2.3 2014 3.6 2.3 2015 1.3 0.1 2017 0.4 0.3 Percentage change, latest month on same month a year ago Percentage change, latest month on same month a year ago S28 S28C 2016 2.2 -1.1 2017 0.4 0.3 Percentage change, latest month on same month a year ago S28 S28C 2016 Mar 3.7 3.0 0.1 3.7 Apr 2.8 3.7 May 2.2 -2.1 Jun 2.0 -1.2 Jul 1.9 0.7 Aug 2.0 -0.6 Sep 1.8 -1.7 Oct 1.6 0.7 Nov 1.3 -0.6 Dec 1.1 -2.7 2017 Jan 0.4 0.8 Feb	95.5	114.7	
Sep	94.8	114.3	
Oct         103.0         100.0           Nov         103.3         99.4           Dec         103.5         100.4           2018 Jan         103.5         98.7           Feb         103.6         97.1           Mar         103.8         98.6           Percentage change, latest year on previous year           2013         2.5         -3.5           2014         3.6         2.3           2015         1.3         0.1           2016         2.2         -1.1           2017         0.4         0.3           Percentage change, latest month on same month a year ago           20recentage change, latest month on same month a year ago           20recentage change, latest month on same month a year ago           2288         S28C           2016 Mar         3.7         -3.0           Apr         2.8         -3.7           May         2.2         -2.1           Jul         1.9         0.7           May         2.0         -1.2           Jul         1.9         0.7           Nov         1.3         -0.6           Sep         1.8         -1.7	94.5	112.0	
Nov	93.7	107.4	
Dec   103.5   100.4	93.4	103.3	
2018 Jan 103.5 98.7 Feb 103.6 97.1 Mar 103.8 98.6  Percentage change, latest year on previous year  2013 2.5 -3.5 2014 3.6 2.3 2015 1.3 0.1 2016 2.2 -1.1 2017 0.4 0.3  Percentage change, latest month on same month a year ago  2018 S288 S28C  2016 Mar 3.7 -3.0 Apr 2.8 -3.7 May 2.2 -2.1 Jun 2.0 -1.2 Jun 2.0 -1.2 Jun 1.9 0.7 Aug 2.0 -1.2 Jul 1.9 0.7 Aug 2.0 -0.6 Sep 1.8 -1.7 Oct 1.6 0.7 Nov 1.3 -0.6 Nov 1.3 -0.6 Dec 1.1 -2.7 2017 Jan 0.4 0.8 Feb - 1 Apr 0.2 4.0 May 0.3 0.8	92.6	101.8	
2018 Jan 103.5 98.7 Feb 103.6 97.1 Mar 103.8 98.6  Percentage change, latest year on previous year  2013 2.5 -3.5 2014 3.6 2.3 2015 1.3 0.1 2016 2.2 -1.1 2017 0.4 0.3  Percentage change, latest month on same month a year ago  2018 S288 S28C  2016 Mar 3.7 -3.0 Apr 2.8 -3.7 May 2.2 -2.1 Jun 2.0 -1.2 Jun 2.0 -1.2 Jun 1.9 0.7 Aug 2.0 -1.2 Jul 1.9 0.7 Aug 2.0 -0.6 Sep 1.8 -1.7 Oct 1.6 0.7 Nov 1.3 -0.6 Nov 1.3 -0.6 Dec 1.1 -2.7 2017 Jan 0.4 0.8 Feb - 1 Apr 0.2 4.0 May 0.3 0.8	91.0	104.8	
Feb Mar 103.6 97.1 Mar 103.8 98.6  Percentage change, latest year on previous year S231 S23M S2014 3.6 2.5 -3.5 2014 3.6 2.3 2015 1.3 0.1 2016 2.2 -1.1 2017 0.4 0.3  Percentage change, latest month on same month a year ago S28 S28C 2016 Mar 3.7 -3.0 4 3.7 May 2.2 -2.1 Jun 2.0 -1.2 Jun 2.0 -1.2 Jun 2.0 -1.2 Jul 1.9 0.7 Aug 2.0 -0.6 Sep 1.8 -1.7 Oct 1.6 0.7 Nov 1.3 -0.6 Dec 1.1 -2.7 2017 Jan 0.4 0.8 Feb - Feb - Feb Mar 0.1 1.0 Apr 0.2 4.0 May 0.3 0.8	92.2	108.6	
Mar         103.8         98.6           Percentage change, latest year on previous year           2013         2.5         -3.5           2014         3.6         2.3           2015         1.3         0.1           2016         2.2         -1.1           2017         0.4         0.3           Percentage change, latest month on same month a year ago           S288         S28C           2016 Mar         3.7         -3.0           Apr         2.8         -3.7           May         2.2         -2.1           Jun         2.0         -1.2           Jul         1.9         0.7           Aug         2.0         -0.6           Sep         1.8         -1.7           Oct         1.6         0.7           Nov         1.3         -0.6           Dec         1.1         -2.7           2017 Jan         0.4         0.8           Feb         -         -           Mar         0.1         1.0           Apr         0.2         4.0           May         0.3         0.8	92.8	110.0	
Percentage change, latest year on previous year    S23    S23M	93.7	109.0	
S23  S23  S23  S23  S23  S23  S23  S20  S20  S20  S20  S20  S20  S20  S20	30.7	100.0	
2013 2.5 3.5 2014 3.6 2.3 2014 3.6 2.3 2014 3.6 2.3 2015 1.3 0.1 2016 2.2 -1.1 2017 0.4 0.3 2016 2.2 -1.1 2017 0.4 0.3 2016 2.2 -1.1 2017 0.4 0.3 2016 2.2 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1	S23R	S23W	
2014 3.6 2.3 2015 1.3 0.1 2016 2.2 -1.1 2017 0.4 0.3  Percentage change, latest month on same month a year ago	0.2	2.1	
2015 1.3 0.1 2016 2.2 -1.1 2017 0.4 0.3 Percentage change, latest month on same month a year ago S288 S28C 2016 Mar 3.7 -3.0 Apr 2.8 -3.7 May 2.2 -2.1 Jun 2.0 -1.2 Jul 1.9 0.7 Aug 2.0 -0.6 Sep 1.8 -1.7 Oct 1.6 0.7 Nov 1.3 -0.6 Dec 1.1 2.7 2017 Jan 0.4 0.8 Feb - Feb - Feb Mar Apr 0.2 4.0 May 0.3 0.8	11.2	-5.3	
2016 2017 0.4 -1.1 2017 0.4 -1.1 2017 0.4 -1.1 2017 0.4 -1.1 2017 0.4 -1.1 2017 0.4 -1.1 2017 0.4 -1.1 2017 0.4 -1.1 2017 2.8 -1.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1 2.1	4.2	-1.3	
2017 0.4 0.3  Percentage change, latest month on same month a year ago			
Percentage change, latest month on same month a year ago    S288   S28C     2016 Mar   3.7   -3.0     Apr   2.8   -3.7     May   2.2   -2.1     Jun   1.9   0.7     Aug   2.0   -0.6     Sep   1.8   -1.7     Oct   1.6   0.7     Nov   1.3   -0.6     Dec   1.1   -2.7     2017 Jan   0.4   0.8     Feb   -   -     Mar   0.1   1.0     Apr   0.2   4.0     May   0.3   0.8	-0.8	16.6	
S288         S28C           2016 Mar         3.7         -3.0           Apr         2.8         -3.7           May         2.2         -2.1           Jun         2.0         -1.2           Jul         1.9         0.7           Aug         2.0         -0.6           Sep         1.8         -1.7           Oct         1.6         0.7           Nov         1.3         -0.6           Dec         1.1         -2.7           2017 Jan         0.4         0.8           Feb         -         -           Mar         0.1         1.0           Apr         0.2         4.0           May         0.3         0.8	-4.5	-4.8	
2016 Mar	00011	COOM	
Apr	S28H	S28M 9.7	
May         2.2         -2.1           Jun         2.0         -1.2           Jul         1.9         0.7           Aug         2.0         -0.6           Sep         1.8         -1.7           Oct         1.6         0.7           Nov         1.3         -0.6           Dec         1.1         -2.7           2017 Jan         0.4         0.8           Feb         -         -           Mar         0.1         1.0           Apr         0.2         4.0           May         0.3         0.8	2.6		
Jun 2.0 -1.2 Jul 1.9 0.7 Aug 2.0 -0.6 Sep 1.8 -1.7 Oct 1.6 0.7 Nov 1.3 -0.6 Dec 1.1 -2.7 2017 Jan 0.4 0.8 Feb Mar 0.1 1.0 Apr 0.2 4.0 May 0.3 0.8	2.0	13.4	
Jul     1.9     0.7       Aug     2.0     -0.6       Sep     1.8     -1.7       Oct     1.6     0.7       Nov     1.3     -0.6       Dec     1.1     -2.7       2017 Jan     0.4     0.8       Feb     -     -       Mar     0.1     1.0       Apr     0.2     4.0       May     0.3     0.8	1.2	19.9	
Aug 2.0 -0.6 Sep 1.8 -1.7 Oct 1.6 0.7 Nov 1.3 -0.6 Dec 1.1 -2.7 2017 Jan 0.4 0.8 Feb Mar 0.1 1.0 Apr 0.2 4.0 May 0.3 0.8	-0.4	30.1	
Sep         1.8         -1.7           Oct         1.6         0.7           Nov         1.3         -0.6           Dec         1.1         -2.7           2017 Jan         0.4         0.8           Feb         -         -           Mar         0.1         1.0           Apr         0.2         4.0           May         0.3         0.8	-0.2	40.2	
Oct         1.6         0.7           Nov         1.3         -0.6           Dec         1.1         -2.7           2017 Jan         0.4         0.8           Feb         -         -           Mar         0.1         1.0           Apr         0.2         4.0           May         0.3         0.8	0.5	40.3	
Nov         1.3         -0.6           Dec         1.1         -2.7           2017 Jan         0.4         0.8           Feb         -         -           Mar         0.1         1.0           Apr         0.2         4.0           May         0.3         0.8	-2.6	26.1	
Dec         1.1         -2.7           2017 Jan         0.4         0.8           Feb         -         -           Mar         0.1         1.0           Apr         0.2         4.0           May         0.3         0.8	-3.9	11.6	
2017 Jan     0.4     0.8       Feb     -     -       Mar     0.1     1.0       Apr     0.2     4.0       May     0.3     0.8	-6.2	-0.4	
2017 Jan     0.4     0.8       Feb     -     -       Mar     0.1     1.0       Apr     0.2     4.0       May     0.3     0.8	-7.7	-3.5	
Feb	-3.8	2.7	
Mar     0.1     1.0       Apr     0.2     4.0       May     0.3     0.8	-6.9	3.7	
Apr 0.2 4.0 May 0.3 0.8	-3.8	2.6	
May 0.3 0.8	-4.8	-1.4	
Jun 0.1 -0.5	-4.1	-3.8	
	-3.9	-5.7	
Jul3.2	-5.0	-7.3	
Aug 0.1 1.0	-5.6	-8.4	
Sep 0.5 -0.5	-4.3	-10.4	
Oct 0.9 0.6	-3.6	-11.2	
Nov 1.3 -	-3.7	-10.5	
Dec 1.4 -0.7	-4.7	-6.7	
2018 Jan 1.2 -3.0	-4.7	-6.1	
Feb 1.1 -1.9	-2.7	-4.8	
Mar 1.2 -0.7	-3.4	-4.8	

<sup>1</sup> Indices reflect values measured at basic prices, which exclude "taxes less

Indices reflect values measured at basic prices, which exclude "taxes less subsidies on products".

 Estimates cannot be regarded as accurate to the last digit shown.

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

 A complete run of data is available on the ONS website as a Time series dataset.

seasonally adjusted 2015 = 100

ntinued			Industry components (SIC200	17)
			industry components (SIC200	07)
	Human health	Arts,		Activities of
	and social work	entertainment	Other service	households
	activities	and recreation	activities	as employers
Component	86-88	90-93	94-96	97
2015 weights	93	19	27	5
g				•
ercentage change, latest	month on previous month			
	S23I	S23M	S23R	S23W
2016 Mar	-	-0.7	-1.7	0.3
Apr	-0.1	-1.2	-	3.5
May	-0.1	0.7	-0.6	3.0
Jun	-	0.7	-0.8	2.2
Jul	0.1	1.6	0.5	1.3
Aug	-	-3.0	0.2	-0.8
Sep	-0.2	1.7	-2.1	-2.0
Oct	-0.1	0.7	-1.1	-2.9
Nov	-0.1	-	-0.7	-2.2
Dec	0.1	1.7	-0.7	-1.2
2017 Jan	0.2	0.7	1.3	2.9
Feb	0.2	-2.8	-1.4	-0.1
Mar	0.1	0.4	1.6	-0.9
Apr	-	1.7	-1.0	-0.5
May	_	-2.4	0.1	0.6
Jun	-0.2	-0.6	-0.6	0.6
Jul	-0.2	-0.6 -1.2	-0.6	-0.4
	0.1			
Aug	0.1	1.2	-0.4	-2.0
Sep	0.2	0.2	-0.8	-4.1
Oct	0.2	1.8	-0.4	-3.8
Nov	0.3	-0.6	-0.8	-1.4
Dec	0.2	1.0	-1.7	2.9
2018 Jan	0.1	-1.6	1.4	3.6
Feb	-	-1.7	0.6	1.3
Mar	0.2	1.6	0.9	-0.9
reentage change latest	3 months on same 3 month			
ercentage change, latest	S2HM	S2HQ	S2HV	S2I2
2016 Mar	3.4	-0.4	2.8	11.7
Apr	3.4	-2.9	2.5	11.5
May	2.9	-2.9	1.9	14.3
Jun	2.3	-2.3	0.9	20.8
Jul	2.0	-2.3 -0.9	0.9	29.6
Aug	1.9	-0.9	0.2	36.7
	1.9	-0.4 -0.6		
Sep			-0.8	35.3
Oct	1.8	-0.6	-2.0	25.2
Nov	1.6	-0.5	-4.2	11.7
Dec	1.3	-0.9	-5.9	2.3
2017 Jan	0.9	-0.8	-5.9	-0.4
Feb	0.5	-0.7	-6.1	0.9
Mar	0.2	0.6	-4.9	3.0
Apr	0.1	1.7	-5.2	1.6
May	0.2	1.9	-4.3	-0.9
Jun	0.2	1.4	-4.3	-3.7
Jul	0.2	-1.0	-4.4	-5.6
Aug	0.1	-0.9	-4.9	-7.1
Sep	0.2	-0.9	-5.0	-8.7
Oct	0.5	0.3	-4.5	-10.0
Nov	0.9	-	-3.9	-10.7
Dec	1.2	_	-4.0	-9.5
2018 Jan	1.3	-1.2	-4.4	- <del>9</del> .5 -7.7
Feb	1.2	-1.2	-4.0	-7.7

<sup>1</sup> Indices reflect values measured at basic prices, which exclude "taxes less

<sup>1</sup> Induces relined values infleashed at basic prices, which exclude taxes less subsidies on products".

2 Estimates cannot be regarded as accurate to the last digit shown.

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

4 A complete run of data is available on the ONS website as a

Time series dataset

seasonally adjusted 2015 = 100

	Industry components (SIC2007)				
	Human health	Arts,		Activities of	
	and social work	entertainment	Other service	households	
	activities	and recreation	activities	as employers	
Component	86-88	90-93	94-96	97	
2015 weights	93	19	27	5	
Parcantana channa lata	est 3 months on previous 3 r	nonthe			
ercentage change, late	S2CW	S2D2	S2D7	S2DC	
2016 Mar	1.6	-1.4	-0.9	0.2	
Apr	1.3	-3.5	-0.8	-1.3	
May	0.6	-3.5	-1.5	1.8	
Jun	-	-1.6	-1.1	6.2	
Jul	-0.1	0.7	-1.5	7.5	
Aug	-	0.8	-0.8	6.0	
Sep	=	0.8	-0.9	2.5	
Oct	-0.1	-0.4	-1.5	-1.5	
Nov	-0.3	0.6	-2.8	-4.7	
Dec	-0.3	1.4	-3.1	-6.3	
2017 Jan	-0.1	2.4	-2.2	-4.7	
Feb	0.2	1.5	-1.1	-1.9	
Mar	0.4	0.1	0.2	0.9	
Apr	0.4	-1.0		0.7	
May	0.3	-1.0	0.4	-0.1	
Jun	0.1	-0.8	-0.6	-0.7	
Jul	-0.1	-1.9	-0.7	-0.1	
Aug	-0.1	-2.0	-1.5	-0.6	
Sep	0.1	-1.5	-1.6	-2.8	
Oct	0.3	0.9	-1.7	-6.1	
Nov	0.6	1.6	-1.8	-8.4	
Dec	0.7	2.3	-2.1	-7.1	
2018 Jan	0.6	0.8	-2.0	-2.3	
Feb	0.5	-0.5	-1.3	3.5	
Mar	0.4	-1.8	0.7	5.7	

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Indices reflect values measured at basic prices, which exclude "taxes less subsidies on products".
 Estimates cannot be regarded as accurate to the last digit shown.
 Any apparent inconsistencies between the index numbers and the percentage changes shown in these tables are due to rounding.
 A complete run of data is available on the ONS website as a Time series dataset