

Statistical bulletin

# Index of Services, UK: April 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.



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Next release:  
10 July 2018

## Notice

### 29 June 2018

ONS has identified that the index values and growth rates for the Business Services and Finance sector within the Index of Services publication are incorrect.

The error does not impact any top-level data, so there is no impact on the Index of Services. We are working to resolve the error and will re-publish updated index values and growth rates as soon as possible.

ONS apologises for any inconvenience this may have caused.

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# 1 . Main points

- In the three months to April 2018, services output increased by 0.2% compared with the three months ending January 2018; this is the lowest rate of growth since the three months to November 2017.
- Government and other services made the largest contribution to the three-month on three-month growth, contributing 0.11 percentage points.
- The Index of Services increased by 0.3% between March 2018 and April 2018; this is the highest month-on-month growth since November 2017.
- Retail trade was the main contributor to the month-on-month increase, contributing 0.11 percentage points.
- In the three months to April 2018, services output increased by 1.3% compared with the three months ending April 2017.
- In this release of data, the earliest period open to revision is January 1997 as this dataset contains the annual updates that will be included in the Blue Book 2018 due to be published on 31 July 2018 (the reference year and last base year for the index have been moved to 2016).
- The updates for the Blue Book 2018 include incorporating new Value Added Tax (VAT) data for five new services industries.

## 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 79.6% of UK GDP in 2016. Also published today (29 June 2018) is the [Quarterly national accounts: 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 policymaking.

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 40 services industries for small- and medium-sized businesses. These have been used to supplement data from the MBS from January 2016 to December 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\(O\) sources catalogue](#).

Data relating to the retail industry are broadly comparable with [Retail sales, Great Britain: May 2018](#), published on 14 June 2018.

This April 2018 release contains revisions from January 1997 due to the Blue Book 2018 updates and is consistent with the [National Accounts Revisions Policy](#).

Sources of these revisions include but are not limited to:

- updates to the annual gross value added (GVA) weights
- improved statistical methods
- alignment to gross domestic product (GDP) annual growths
- 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 [UK Statistics Authority](#) as [National Statistics](#), in accordance with the [Statistics and Registration Service Act 2007](#) and signifying compliance with the [Code of Practice for Statistics](#).

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

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

**Table 1: Index of Services main figures, April 2018**

UK	Percentage Change					
	Percentage of Services <sup>1</sup>	Index number (2016 = 100)	Most recent month on a year earlier	Most recent 3 months on a year earlier	Most recent month on previous month	Most recent 3 months on previous 3 months
Index of Services	100.0	103.0	1.6	1.3	0.3	0.2
Distribution, hotels and restaurants	16.8	102.7	0.7	0.6	0.8	-0.1
Transport, storage and communication	13.3	106.4	2.9	2.7	0.2	-0.1
Business services and finance	42.1	104.5	3.1	2.4	0.3	0.1
Government and other services	27.8	100.7	0.3	0.2	0.2	0.4

Source: Office for National Statistics

Notes:

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

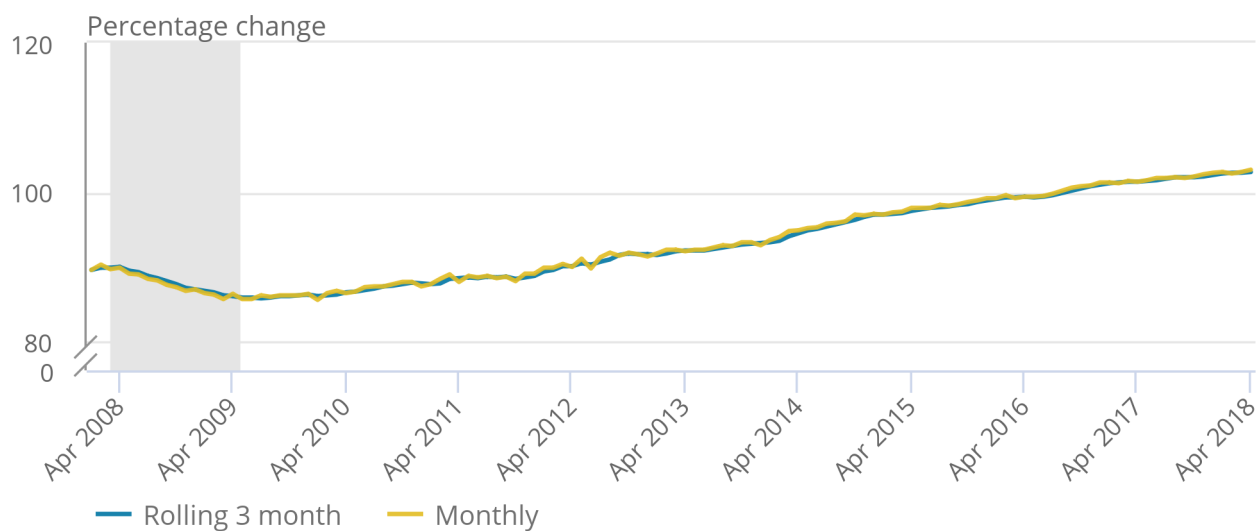
Figure 1 shows the seasonally adjusted index time series for the IoS since January 2008. The monthly IoS series can be volatile and therefore we recommend that monthly growths are viewed in the context of the longer-term trend and three-month on three-month growth rates.

**Figure 1: Seasonally adjusted Index of Services, Jan 2008 to Apr 2018**

UK

Figure 1: Seasonally adjusted Index of Services, Jan 2008 to Apr 2018

UK



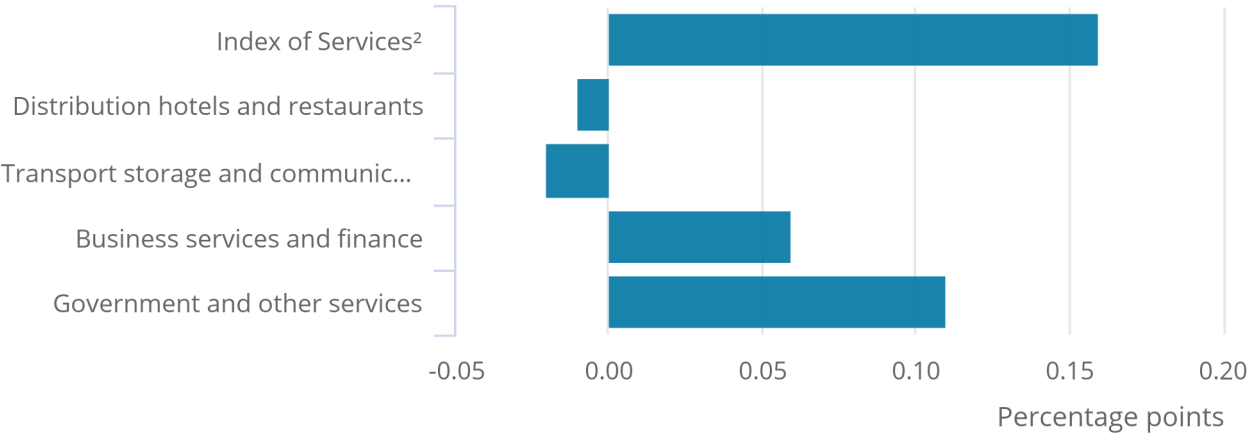
Source: Office for National Statistics

## 4 . Three-month on three-month services growth

In the three months to April 2018, services output increased by 0.2% compared with the three months ending January 2018.

**Figure 2: Contributions<sup>1</sup> to growth in services during the three months to April 2018 compared with the three months to January 2018**

Figure 2: Contributions<sup>1</sup> to growth in services during the three months to April 2018 compared with the three months to January 2018



Source: Office for National Statistics

Notes:

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

Two of the four main components of the services industries increased during April 2018 (Figure 2). In order of their contribution to growth:

- government and other services increased by 0.4%, contributing 0.11 percentage points
- business services and finance increased by 0.1%, contributing 0.06 percentage points
- distribution, hotels and restaurants fell by 0.1%, contributing negative 0.01 percentage points
- transport, storage and communication fell by 0.1%, contributing negative 0.02 percentage points

Government and other services made the largest contribution to the Index of Services in April 2018. Within this component, activities of households, other personal service activities and human health activities made the largest contribution, increasing by 6.8%, 2.0% and 0.4% respectively; each contributing 0.03 percentage points.

Legal activities and imputed rent were the industries contributing most to the growth in business services and finance. They increased by 2.2% and 0.3% respectively and each contributed 0.04 percentage points. Partially offsetting these were activities of head offices and travel agency services, which fell by 2.0% and 3.9% respectively; each contributing negative 0.03 percentage points.

In the distribution hotels and catering component, food and beverage service activities and motor trades were the biggest negative contributors. They both fell by 1.6% and contributed negative 0.05 and 0.04 percentage points respectively.

Decreases in land transport activities and postal and courier activities were the main cause of the fall in transport storage and communication. They fell by 1.9% and 2.7% respectively and contributed negative 0.03 and 0.02 percentage points respectively.

## 5 . Month-on-month services growth

Services output increased by 0.3% in April 2018, following a growth of 0.2% in March 2018. This was the highest month-on-month growth since November 2017.

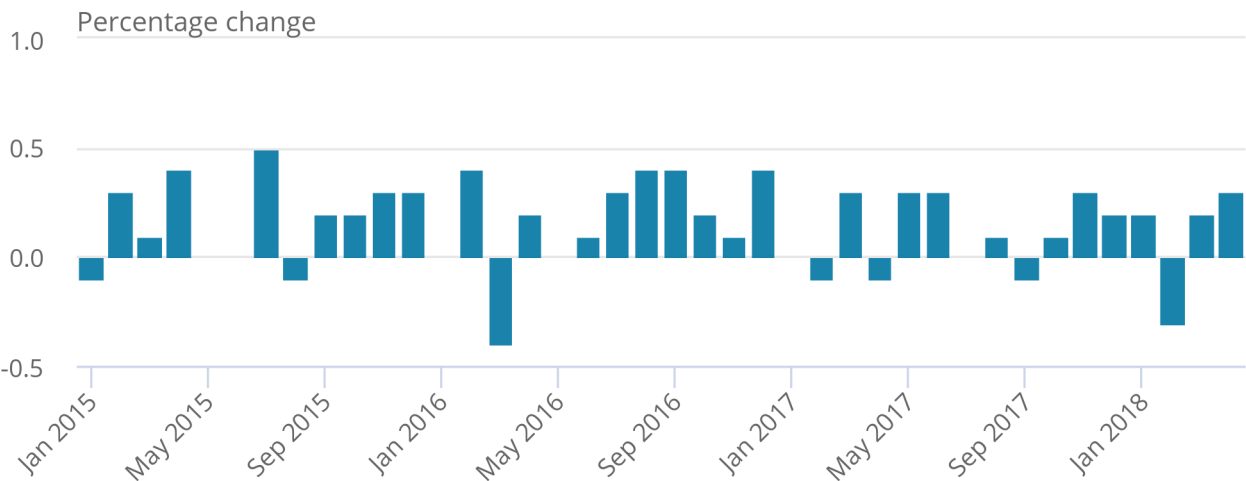
Figure 3 shows the Index of Services (IoS) month-on-month growth rates since January 2015 and Figure 4 shows the month-on-month contributions of each of the main IoS components for April 2018.

**Figure 3: Index of Services headline growth rates from January 2015 to April 2018**

UK

Figure 3: Index of Services headline growth rates from January 2015 to April 2018

UK

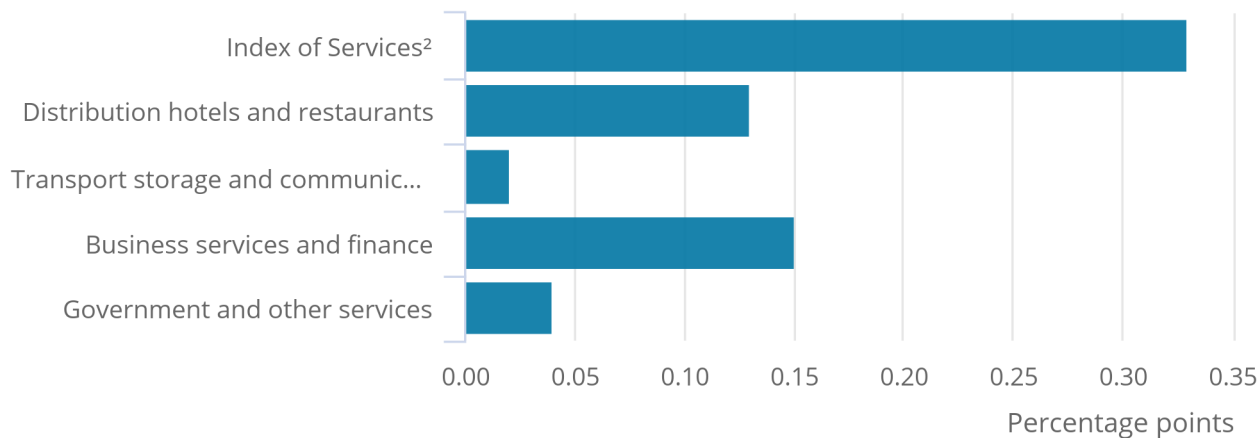


Source: Office for National Statistics



**Figure 4: Contributions<sup>1</sup> to growth in services between March and April 2018**

Figure 4: Contributions<sup>1</sup> to growth in services between March and April 2018



**Source: Office for National Statistics**

**Notes:**

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

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

- business services and finance increased by 0.3%, contributing 0.15 percentage points
- distribution, hotels and restaurants increased by 0.8%, contributing 0.13 percentage points
- government and other services increased by 0.2%, contributing 0.04 percentage points
- transport, storage and communication increased by 0.2%, contributing 0.02 percentage points

The industries contributing most to the increase of 0.3% in April 2018 were:

- retail trade, which increased by 1.8%, contributing 0.11 percentage points; please see [Retail sales, Great Britain: May 2018](#) for more information
- land transport, which increased by 2.3%, contributing 0.04 percentage points
- rental and leasing activities, which increased by 2.8%, contributing 0.04 percentage points

In April 2018, there were negative contributions to growth from 11 out of the 51 industries compared with positive contributions to growth from 20 industries. The industry that made the largest negative contribution to growth was architectural and engineering activities, which fell by 1.7% and contributed negative 0.03 percentage points.

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

Figure 5 shows the three-month on a year ago Index of Services (IoS) growth rates along with the growths for distribution, hotels and restaurants, and business services and finance sectors since January 2012.

**Figure 5: Three-month on a year ago Index of Services growth between January 2012 and April 2018**

UK

Figure 5: Three-month on a year ago Index of Services growth between January 2012 and April 2018

UK



Source: Office for National Statistics

Notes:

1. Rolling 3 month (%)

In the three months to April 2018, services output increased by 1.3% compared with the three months ending April 2017.

The Index of Services (IoS) has seen a slowdown since early 2017 and reached a low of 1.2% in the three months to March 2018. Distribution, hotels and restaurants is the main reason for this slowdown with its growth weakening over the same period. Business services and finance on the other hand has remained consistent and outperformed total services since March 2016. The movement of these two IoS components indicates that the industries dominated by domestic consumption are falling whereas industries with larger export components display more stable growths.

## 7 . New industries selected for VAT

We introduced Value Added Tax (VAT) data in the October 2017 bulletin published in December 2017. This included VAT data across 35 services industries for small- and medium-sized businesses. Further information on the use of VAT data was published in the [VAT turnover data in National Accounts: background and methodology update](#).

The April 2018 release now includes VAT data for Quarter 4 (Oct to Dec) 2017 and means we use VAT to supplement data from the Monthly Business Survey (MBS) from January 2016 to December 2017. The annual updates that will be included in the Blue Book 2018 also include new VAT data for approximately 120,000 businesses across five newly selected services industries. Further data has also been incorporated in this release for those industries that were previously selected with the inclusion of more businesses and revised data.

Table 2 shows the newly selected industries to include VAT data as part of this release.

**Table 2: Industries including new VAT data**

Industry	Weight (Percentage of Services)	VAT inclusion
49: Land Transport	1.5	Additional businesses included
56: Food and beverage services	2.2	Additional businesses included
58: Publishing Services	0.7	Newly selected for VAT in this release
59: Motion Pictures	0.6	Newly selected for VAT in this release
60: Programming and Broadcasting	0.3	Newly selected for VAT in this release
61: Telecommunications	1.8	Additional businesses included
74: Other professional, scientific and technical services	0.7	Newly selected for VAT in this release
75: Veterinary services	0.2	Additional businesses included
78: Employment services	1.1	Newly selected for VAT in this release
90: Creative, arts and entertainment services	0.4	Additional businesses included
96: Other personal services	1.1	Additional businesses included

The inclusion of new VAT data and revisions to previously selected VAT returns have overall had minimal impact on the Index of Services. The exception to this was the selection of other professional, scientific and technical services as a new industry for VAT, which caused the large revision up in this industry for Quarter 1 (Jan to Mar) 2017. However, VAT offers a far higher coverage for this industry and also greater data quality. The only other industry with a notable revision due to VAT was computer programming in Quarter 4 2017. This industry had no new businesses selected as part of this release but as for all industries including VAT, incorporated data for the first time for Quarter 4 2017. However, this revision was not purely driven by VAT and was also partly caused by late survey returns.

## 8 . Links to related statistics

The [response rates](#) and [revisions tables](#) can be found in the main datasets.

[Monthly economic commentary](#) was published alongside this release, presenting new analysis on the latest economic data.

## Methods and sources

The gross domestic product output approach (GDP(O)) [methods and sources pages](#) provide more information on the data that underpin these statistics; of particular note is the [GDP\(O\) sources catalogue](#).

## 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 2018) 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 publish as normal today, 29 June 2018 (for the reference period of April 2018), but will switch to this new publication model next month and will publish again on 10 July 2018 (for the reference period of May 2018).

The IoS May bulletin will also cease presenting data 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 14 more detailed sector levels. Table 2 shows the current four main components and the sector levels we plan to move to from July 2018.

We will also increase the detail of the datasets published alongside the IoS bulletin, including more industry series along with the new sector levels. These changes will only be additional content as we will continue to publish all our previous data series. We will also continue to publish the four main components in the Index of Services industry components to four decimal places.

**Table 3: Index of Services sector levels**

<b>Sector</b>	<b>Description</b>
G & I	Distribution, hotels & catering
G	Wholesale and retail trade; repair of motor vehicles and motorcycles
I	Accommodation and food service activities
H & J	Transport, storage & communications
H	Transportation and storage
J	Information and communication
K - N	Business services & finance
K	Financial and insurance activities
L	Real estate activities
M	Professional, scientific and technical activities
N	Administrative and support service activities
O - T	Government & other services
O	Public administration and defence; compulsory social security
P	Education
Q	Human health and social work activities
R	Arts, entertainment and recreation
S	Other service activities
T	Activities of households as employers

## 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 79.6% of UK gross domestic product (GDP) as of 2016. 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

Industry sections (SIC2007)					
	Total service industries	Distribution hotels and restaurants	Transport, storage and communication	Business services and finance	Government and other services
Section	G-T	G and I	H and J	K-N	O-T
2016 weights	1000	168	133	421	278
	S2KU	S2MV	K17B	K17L	K17T
2013	92.6	88.3	90.4	91.2	97.0
2014	95.5	92.2	92.9	94.9	99.1
2015	98.1	96.3	96.7	97.3	100.0
2016	100.0	100.0	100.0	100.0	100.0
2017	101.8	102.1	104.2	102.6	100.2
2016 Apr	99.4	98.8	98.1	99.7	99.8
May	99.4	99.5	97.9	99.2	100.0
Jun	99.5	99.4	98.5	99.5	100.0
Jul	99.8	99.1	99.8	100.0	100.1
Aug	100.2	100.2	101.1	100.3	99.8
Sep	100.6	101.1	102.0	100.9	99.6
Oct	100.8	101.9	102.6	100.7	99.7
Nov	100.9	101.8	102.0	101.4	99.9
Dec	101.3	102.0	103.8	101.5	100.3
2017 Jan	101.3	101.1	102.5	102.3	100.4
Feb	101.2	101.8	102.5	101.9	100.1
Mar	101.5	101.9	103.6	102.1	100.2
Apr	101.4	102.0	103.5	101.3	100.5
May	101.6	101.8	103.5	102.4	100.4
Jun	101.9	102.4	104.4	102.6	100.4
Jul	101.9	102.7	104.0	102.5	100.2
Aug	102.0	102.5	104.3	102.8	100.4
Sep	101.9	102.1	104.7	102.9	100.1
Oct	102.1	102.3	105.0	103.0	100.1
Nov	102.4	102.8	105.4	103.8	99.9
Dec	102.6	102.1	107.0	103.8	100.2
2018 Jan	102.7	102.7	106.1	104.5	100.2
Feb	102.5	102.8	105.4	103.8	100.2
Mar	102.7	101.9	106.2	104.2	100.5
Apr	103.0	102.7	106.4	104.5	100.7
Percentage change, latest year on previous year					
	S222	S243	K177	K17G	K17O
2013	1.8	3.4	1.8	2.6	0.2
2014	3.2	4.4	2.8	4.0	2.2
2015	2.7	4.5	4.1	2.5	0.9
2016	1.9	3.8	3.4	2.8	-
2017	1.8	2.1	4.2	2.6	0.2
Percentage change, latest month on same month a year ago					
	S26Q	S28R	K17A	K17I	K17Q
2016 Apr	1.6	2.7	1.9	2.8	-0.2
May	1.6	3.8	0.8	2.6	-
Jun	1.7	3.2	2.5	2.8	-
Jul	1.5	2.4	2.4	2.9	-0.1
Aug	2.0	4.4	3.4	3.1	-0.1
Sep	2.2	4.2	6.3	3.2	-0.8
Oct	2.2	4.9	5.3	2.8	-0.4
Nov	2.0	4.7	3.9	3.4	-0.7
Dec	2.1	3.6	6.7	3.0	-0.4
2017 Jan	2.1	2.5	4.4	3.9	0.2
Feb	1.7	3.1	4.4	2.5	-0.4
Mar	2.3	3.1	6.2	3.2	0.1
Apr	2.0	3.2	5.4	1.7	0.7
May	2.3	2.2	5.7	3.2	0.5
Jun	2.4	3.0	6.0	3.0	0.4
Jul	2.1	3.7	4.2	2.5	0.1
Aug	1.8	2.3	3.1	2.5	0.6
Sep	1.3	1.0	2.7	2.0	0.5
Oct	1.2	0.4	2.3	2.3	0.4
Nov	1.4	1.0	3.3	2.4	-
Dec	1.2	0.2	3.1	2.3	-0.2
2018 Jan	1.4	1.6	3.4	2.2	-0.2
Feb	1.2	1.0	2.8	1.9	0.1
Mar	1.1	-	2.5	2.0	0.3
Apr	1.6	0.7	2.9	3.1	0.3

1 The IOS output is designated as a National Statistic.

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

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

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

5 A complete run of data is available on the ONS website as a [Time series dataset](#)

Sources: For further information on these data please telephone 01633 456387; fax 01633 455300 or e-mail [ios.enquiries@ons.gov.uk](mailto:ios.enquiries@ons.gov.uk)

Industry sections (SIC2007)						
Section	Total service industries G-T	Distribution hotels and restaurants G and I	Transport, storage and communication H and J	Business services and finance K-N	Govern-ment and other services O-T	
<b>2016 weights</b>	<b>1000</b>	<b>168</b>	<b>133</b>	<b>421</b>	<b>278</b>	
<b>Percentage change, latest month on previous month</b>						
	S222	S243	KI77	KI7G	KI7O	
2016 Apr	0.2	-	0.6	0.8	-0.3	
May	-	0.7	-0.3	-0.5	0.2	
Jun	0.1	-0.2	0.6	0.3	-	
Jul	0.3	-0.3	1.3	0.5	0.1	
Aug	0.4	1.1	1.3	0.3	-0.3	
Sep	0.4	0.9	0.9	0.6	-0.2	
Oct	0.2	0.7	0.6	-0.2	0.1	
Nov	0.1	-	-0.6	0.6	0.2	
Dec	0.4	0.1	1.7	0.1	0.4	
2017 Jan	-	-0.8	-1.2	0.7	0.1	
Feb	-0.1	0.7	-	-0.4	-0.3	
Mar	0.3	0.1	1.1	0.2	0.1	
Apr	-0.1	0.1	-0.2	-0.7	0.3	
May	0.3	-0.2	-	1.0	-	
Jun	0.3	0.6	0.9	0.2	-0.1	
Jul	-	0.4	-0.4	-	-0.1	
Aug	0.1	-0.2	0.3	0.3	0.2	
Sep	-0.1	-0.4	0.4	0.1	-0.3	
Oct	0.1	0.2	0.3	0.1	-	
Nov	0.3	0.5	0.4	0.7	-0.2	
Dec	0.2	-0.6	1.5	0.1	0.2	
2018 Jan	0.2	0.6	-0.9	0.6	0.1	
Feb	-0.3	0.1	-0.6	-0.7	-	
Mar	0.2	-0.8	0.8	0.4	0.3	
Apr	0.3	0.8	0.2	0.3	0.2	
<b>Percentage change, latest 3 months on same 3 months a year ago</b>						
	S2G6	S2I7	KI7C	KI7J	KI7R	
2016 Apr	1.9	3.3	2.2	2.6	0.4	
May	1.7	3.3	1.7	2.5	0.1	
Jun	1.6	3.2	1.8	2.7	-0.1	
Jul	1.6	3.1	1.9	2.8	-	
Aug	1.8	3.3	2.8	3.0	-0.1	
Sep	1.9	3.7	4.0	3.1	-0.3	
Oct	2.1	4.5	5.0	3.0	-0.5	
Nov	2.1	4.6	5.2	3.1	-0.6	
Dec	2.1	4.4	5.3	3.1	-0.5	
2017 Jan	2.1	3.6	5.0	3.4	-0.3	
Feb	2.0	3.1	5.1	3.1	-0.2	
Mar	2.1	2.9	5.0	3.2	-	
Apr	2.0	3.1	5.3	2.5	0.1	
May	2.2	2.9	5.8	2.7	0.4	
Jun	2.2	2.8	5.7	2.6	0.5	
Jul	2.2	3.0	5.3	2.9	0.3	
Aug	2.1	3.0	4.4	2.7	0.4	
Sep	1.7	2.3	3.3	2.3	0.4	
Oct	1.5	1.2	2.7	2.2	0.5	
Nov	1.3	0.8	2.8	2.2	0.3	
Dec	1.3	0.5	2.9	2.3	0.1	
2018 Jan	1.3	0.9	3.3	2.3	-0.1	
Feb	1.3	0.9	3.1	2.1	-0.1	
Mar	1.2	0.9	2.9	2.0	0.1	
Apr	1.3	0.6	2.7	2.4	0.2	

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Industry sections (SIC2007)					
Section	Total service industries G-T	Distribution hotels and restaurants G and I	Transport, storage and communication H and J	Business services and finance K-N	Government and other services O-T
<b>2016 weights</b>	<b>1000</b>	<b>168</b>	<b>133</b>	<b>421</b>	<b>278</b>
<b>Percentage change, latest 3 months on previous 3 months</b>					
	S2BG	S2DH	KI7D	KI7K	KI7S
2016 Apr	0.3	0.7	0.1	1.0	-0.4
May	-	0.4	-0.1	0.5	-0.5
Jun	0.1	0.5	0.2	0.6	-0.4
Jul	0.2	0.5	0.8	0.2	-0.1
Aug	0.6	0.5	2.0	0.7	-
Sep	0.8	0.9	2.9	0.9	-0.1
Oct	1.0	1.8	3.2	1.1	-0.3
Nov	0.9	2.1	2.4	1.0	-0.2
Dec	0.8	1.7	1.8	0.8	0.1
2017 Jan	0.6	0.6	0.9	1.0	0.5
Feb	0.5	-	0.7	0.9	0.5
Mar	0.3	-0.3	0.1	0.9	0.3
Apr	0.2	0.3	0.4	0.1	-
May	0.2	0.2	0.5	0.1	0.1
Jun	0.3	0.4	0.9	-	0.2
Jul	0.4	0.4	0.7	0.7	0.1
Aug	0.4	0.7	0.7	0.7	-
Sep	0.3	0.4	0.5	0.6	-0.2
Oct	0.2	-	0.7	0.4	-0.1
Nov	0.2	-0.2	0.8	0.6	-0.3
Dec	0.4	-0.1	1.4	0.8	-0.2
2018 Jan	0.5	0.3	1.4	1.1	-0.1
Feb	0.5	0.2	1.1	0.8	0.1
Mar	0.3	0.1	0.1	0.6	0.3
Apr	0.2	-0.1	-0.1	0.1	0.4

1 The IOS output is designated as a National Statistic.

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

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

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

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Industry sections (SIC2007)					
	Total service industries	Distribution hotels and restaurants	Transport, storage and communication	Business services and finance	Government and other services
Section	G-T	G and I	H and J	K-N	O-T
<b>2016 weights</b>	<b>1000</b>	<b>168</b>	<b>133</b>	<b>421</b>	<b>278</b>
	S2KU	S2MV	KI7B	KI7L	KI7T
2013	-1.7	-2.9	-3.2	-2.9	0.3
2014	-2.0	-3.3	-3.3	-2.8	-
2015	-1.9	-3.7	-3.3	-2.7	-
2016	-2.5	-4.7	-4.7	-2.2	-0.6
2017	-2.3	-4.5	-4.1	-1.4	-0.4
2016 Mar	-2.4	-4.4	-4.2	-2.5	-0.5
Apr	-2.6	-4.6	-5.1	-2.4	-0.7
May	-2.6	-4.7	-4.6	-2.5	-0.6
Jun	-2.7	-4.7	-4.8	-2.6	-0.6
Jul	-2.7	-4.9	-5.0	-2.3	-0.7
Aug	-2.7	-5.1	-4.9	-2.2	-0.7
Sep	-2.6	-5.1	-4.7	-1.9	-0.7
Oct	-2.5	-4.9	-4.8	-2.0	-0.5
Nov	-2.5	-5.1	-4.6	-1.7	-0.3
Dec	-2.3	-4.6	-4.4	-1.5	-
2017 Jan	-2.3	-4.5	-4.4	-1.3	-0.3
Feb	-2.2	-4.7	-4.0	-1.2	-0.5
Mar	-2.2	-4.3	-4.1	-1.4	-0.6
Apr	-2.2	-4.2	-4.2	-1.8	-0.3
May	-2.3	-4.6	-4.4	-1.3	-0.3
Jun	-2.2	-4.4	-4.5	-1.2	-0.2
Jul	-2.2	-4.5	-4.3	-1.4	-0.2
Aug	-2.2	-4.6	-4.3	-1.4	-0.1
Sep	-2.3	-4.7	-3.8	-1.4	-0.4
Oct	-2.1	-4.6	-3.6	-1.2	-0.5
Nov	-2.3	-4.8	-3.9	-1.1	-0.7
Dec	-2.2	-4.3	-4.0	-1.3	-0.4
2018 Jan	-2.3	-4.4	-4.1	-0.9	-0.5
Feb	-2.2	-4.4	-4.1	-1.1	-0.5
Mar	-2.1	-4.4	-4.1	-1.0	-0.4
<b>Percentage change, latest year on previous year</b>					
	S222	S243	KI77	KI7G	KI7O
2013	-0.1	-	0.1	0.2	-0.2
2014	-0.2	-0.3	0.1	0.2	-0.2
2015	0.1	-0.2	0.1	0.1	-
2016	-0.6	-0.9	-1.3	0.6	-0.6
2017	0.3	0.3	0.7	0.9	0.1
<b>Percentage change, latest month on same month a year ago</b>					
	S26Q	S28R	KI7A	KI7I	KI7Q
2016 Mar	-0.5	-0.7	-1.0	0.2	-0.5
Apr	-0.6	-1.1	-2.2	0.6	-0.7
May	-0.7	-1.1	-2.0	0.5	-0.6
Jun	-0.6	-1.0	-0.5	0.4	-0.7
Jul	-1.0	-1.3	-1.8	0.5	-1.0
Aug	-0.9	-1.3	-1.5	0.6	-1.0
Sep	-0.6	-1.1	-0.3	1.1	-1.1
Oct	-0.6	-0.9	-1.6	0.7	-0.6
Nov	-0.5	-0.7	-1.2	1.0	-0.2
Dec	-0.2	-0.8	-	0.8	0.4
2017 Jan	-	-0.2	0.5	1.3	0.3
Feb	0.3	-0.2	1.1	1.2	0.1
Mar	0.1	0.2	0.4	1.2	-0.1
Apr	0.4	0.5	1.0	0.7	0.4
May	0.4	0.1	0.4	1.3	0.4
Jun	0.5	0.4	0.6	1.3	0.4
Jul	0.5	0.6	0.8	0.9	0.4
Aug	0.5	0.5	0.7	0.8	0.6
Sep	0.3	0.4	1.0	0.6	0.4
Oct	0.3	0.3	1.2	0.8	-
Nov	0.1	0.4	0.8	0.7	-0.4
Dec	-	0.4	0.5	0.3	-0.5
2018 Jan	-	0.2	0.4	0.5	-0.1
Feb	-0.1	0.3	-	0.2	-
Mar	-	-0.1	-	0.3	0.2

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continued

Industry sections (SIC2007)					
	Total service industries	Distribution hotels and restaurants	Transport, storage and communication	Business services and finance	Government and other services
Section	G-T	G and I	H and J	K-N	O-T
<b>2016 weights</b>	<b>1000</b>	<b>168</b>	<b>133</b>	<b>421</b>	<b>278</b>
<b>Percentage change, latest month on previous month</b>					
	S222	S243	KI77	KI7G	KI7O
2016 Mar	0.1	-	0.7	-0.1	0.1
Apr	-0.2	-0.2	-0.8	0.2	-0.2
May	-	-0.1	0.4	-0.2	0.1
Jun	-0.1	-0.1	-0.1	-	-
Jul	-	-0.1	-0.1	0.3	-0.1
Aug	-	-0.1	0.1	0.1	-0.1
Sep	0.1	0.1	0.2	0.3	-
Oct	0.1	0.1	-	-0.1	0.2
Nov	-	-0.1	0.1	0.2	0.3
Dec	0.2	0.4	0.1	0.2	0.2
2017 Jan	-	0.1	-	0.1	-0.3
Feb	0.1	-0.1	0.4	0.1	-0.2
Mar	-	0.4	-	-0.1	-0.1
Apr	-	-	-0.3	-0.3	0.3
May	-	-0.3	-0.2	0.4	0.1
Jun	0.1	0.2	-	0.1	-
Jul	-	0.1	0.2	-	-
Aug	-0.1	-0.1	-	-	0.1
Sep	-0.1	-0.1	0.4	-	-0.3
Oct	-	0.1	0.3	0.1	-0.1
Nov	-0.2	-0.1	-0.2	0.1	-0.2
Dec	0.1	0.5	-0.1	-0.1	0.2
2018 Jan	-	-0.1	-0.2	0.2	-
Feb	-	-	-	-0.2	-
Mar	0.1	0.1	-	0.2	0.1
<b>Percentage change, latest 3 months on same 3 months a year ago</b>					
	S2G6	S2I7	KI7C	KI7J	KI7R
2016 Mar	-0.4	-0.6	-1.4	0.2	-0.5
Apr	-0.5	-0.8	-1.7	0.4	-0.6
May	-0.6	-1.0	-1.7	0.4	-0.6
Jun	-0.7	-1.1	-1.5	0.5	-0.7
Jul	-0.7	-1.2	-1.4	0.5	-0.7
Aug	-0.8	-1.2	-1.2	0.6	-0.9
Sep	-0.8	-1.2	-1.2	0.8	-1.0
Oct	-0.7	-1.1	-1.1	0.8	-1.0
Nov	-0.6	-0.9	-1.0	0.9	-0.6
Dec	-0.4	-0.8	-1.0	0.9	-0.1
2017 Jan	-0.2	-0.6	-0.2	1.0	0.2
Feb	0.1	-0.4	0.5	1.1	0.3
Mar	0.2	-0.1	0.7	1.2	0.2
Apr	0.3	0.1	0.8	1.1	0.1
May	0.3	0.3	0.6	1.0	0.2
Jun	0.4	0.3	0.7	1.0	0.4
Jul	0.4	0.4	0.6	1.2	0.4
Aug	0.5	0.5	0.7	1.1	0.5
Sep	0.4	0.5	0.8	0.7	0.5
Oct	0.4	0.4	1.0	0.7	0.3
Nov	0.3	0.4	1.0	0.6	-
Dec	0.2	0.3	0.8	0.6	-0.3
2018 Jan	-	0.3	0.6	0.5	-0.3
Feb	-	0.3	0.3	0.3	-0.2
Mar	-	0.2	0.1	0.3	0.1

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continued

Industry sections (SIC2007)					
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<b>2016 weights</b>	<b>1000</b>	<b>168</b>	<b>133</b>	<b>421</b>	<b>278</b>
<b>Percentage change, latest 3 months on previous 3 months</b>					
	S2BG	S2DH	KI7D	KI7K	KI7S
2016 Mar	-0.4	-0.4	-1.1	-	-0.5
Apr	-0.3	-0.3	-0.7	0.1	-0.3
May	-0.2	-0.5	-0.1	-	-0.1
Jun	-0.2	-0.4	-0.2	0.1	-0.1
Jul	-0.1	-0.4	-	-0.1	-
Aug	-0.1	-0.3	-0.1	0.2	-
Sep	-	-0.3	0.1	0.3	-0.1
Oct	0.1	-0.1	0.1	0.5	-
Nov	0.1	-	0.3	0.4	0.2
Dec	0.2	0.1	0.3	0.4	0.4
2017 Jan	0.2	0.3	0.4	0.4	0.5
Feb	0.3	0.3	0.4	0.5	0.2
Mar	0.1	0.3	0.4	0.5	-0.2
Apr	0.1	0.4	0.4	0.1	-0.3
May	-	0.2	-	-	-0.1
Jun	-	-	-0.2	-0.1	0.2
Jul	-	-0.1	-0.3	0.1	0.3
Aug	-	-	-	0.2	0.3
Sep	-	-0.1	0.2	0.1	-
Oct	-	-0.1	0.5	-	-0.1
Nov	-	-0.2	0.6	0.1	-0.4
Dec	-	-	0.3	0.2	-0.3
2018 Jan	-0.1	0.2	-0.1	0.2	-0.2
Feb	-	0.4	-0.2	0.1	-
Mar	-	0.2	-0.3	0.2	0.2

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Industry components (SIC2007)					
Component	Wholesale and retail. repair of motor vehicles and motorcycles	Wholesale trade, except motor vehicles and motorcycles	Retail trades except of motor vehicles and motorcycles	Land transport	Air transport
	45	46	47	49	51
<b>2016 weights</b>	<b>24</b>	<b>43</b>	<b>64</b>	<b>23</b>	<b>6</b>
	S2KW	S2KX	S2KY	KFV6	S2L5
2013	76.9	91.6	88.8	87.4	85.8
2014	83.6	96.2	91.9	93.8	90.5
2015	91.5	98.8	95.5	98.1	93.0
2016	100.0	100.0	100.0	100.0	100.0
2017	100.3	102.9	101.9	98.9	105.6
2016 Apr	100.2	99.2	98.4	99.3	97.9
May	98.9	98.4	100.5	98.9	99.3
Jun	99.0	99.8	98.9	99.9	100.1
Jul	96.6	98.5	100.7	98.1	101.2
Aug	99.0	100.1	100.6	100.1	102.1
Sep	102.4	100.6	100.8	101.5	102.5
Oct	102.1	101.2	102.6	102.0	101.8
Nov	100.5	102.1	102.2	101.2	99.9
Dec	102.1	104.2	100.7	101.7	100.4
2017 Jan	100.2	101.8	100.5	101.4	102.2
Feb	98.9	102.3	101.4	101.3	105.2
Mar	104.5	101.6	100.7	101.1	106.1
Apr	97.9	102.4	102.4	99.3	106.6
May	100.6	102.4	101.1	98.9	106.8
Jun	101.2	104.6	101.5	95.7	107.8
Jul	101.0	103.4	101.9	98.0	107.3
Aug	101.1	103.1	102.9	98.8	105.2
Sep	100.9	103.2	102.0	99.0	105.2
Oct	99.6	103.5	102.5	98.6	104.7
Nov	99.1	103.9	103.4	97.9	105.2
Dec	99.1	102.8	102.2	97.2	104.9
2018 Jan	100.5	103.5	102.1	97.9	104.5
Feb	99.0	104.7	103.0	95.8	104.4
Mar	97.8	104.3	101.8	95.5	102.3
Apr	97.1	104.7	103.7	97.3	104.9
<b>Percentage change, latest year on previous year</b>					
	S224	S225	S226	KFV5	S22B
2013	11.0	8.1	1.2	1.3	3.8
2014	8.8	5.1	3.5	7.3	5.5
2015	9.3	2.7	4.0	4.5	2.8
2016	9.3	1.2	4.7	2.0	7.5
2017	0.3	2.9	1.9	-1.1	5.6
<b>Percentage change, latest month on same month a year ago</b>					
	S26S	S26T	S26U	KFI6	S26Z
2016 Apr	11.6	-0.1	2.9	2.1	5.0
May	9.1	-	5.2	1.3	6.8
Jun	7.5	0.9	3.3	1.7	8.5
Jul	4.4	-2.0	5.5	0.3	9.0
Aug	8.9	0.2	6.2	1.7	9.3
Sep	10.4	3.0	4.1	2.4	9.5
Oct	9.6	2.5	7.3	3.3	5.9
Nov	7.3	3.9	5.6	1.4	3.6
Dec	4.7	4.9	3.8	3.3	6.1
2017 Jan	1.6	2.8	2.3	2.3	4.9
Feb	-1.4	4.2	3.3	1.9	5.3
Mar	4.0	2.9	2.6	2.3	8.8
Apr	-2.4	3.3	4.1	-0.1	8.9
May	1.8	4.0	0.6	-	7.6
Jun	2.3	4.9	2.7	-4.2	7.7
Jul	4.6	5.0	1.1	-	6.0
Aug	2.1	3.0	2.3	-1.3	3.0
Sep	-1.4	2.6	1.2	-2.4	2.6
Oct	-2.5	2.3	-0.1	-3.3	2.9
Nov	-1.3	1.8	1.1	-3.3	5.3
Dec	-2.9	-1.4	1.4	-4.5	4.5
2018 Jan	0.2	1.7	1.6	-3.5	2.2
Feb	0.2	2.4	1.5	-5.4	-0.7
Mar	-6.4	2.7	1.1	-5.6	-3.6
Apr	-0.7	2.2	1.3	-2.0	-1.6

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

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# IOSCOMP

IOS: Index of Services

Chained volume indices of gross value added <sup>1,2,3</sup>

seasonally adjusted 2016 = 100

continued

Component	Industry components (SIC2007)				
	Wholesale and retail repair of motor vehicles and motorcycles	Wholesale trade, except motor vehicles and motorcycles	Retail trades except of motor vehicles and motorcycles	Land transport	Air transport
	45	46	47	49	51
<b>2016 weights</b>	<b>24</b>	<b>43</b>	<b>64</b>	<b>23</b>	<b>6</b>

## Percentage change, latest month on previous month

	S224	S225	S226	KFV5	S22B
2016 Apr	-0.2	0.5	0.2	0.5	0.4
May	-1.4	-0.8	2.2	-0.4	1.4
Jun	0.1	1.4	-1.6	1.0	0.9
Jul	-2.4	-1.3	1.9	-1.8	1.1
Aug	2.5	1.6	-0.2	2.1	0.9
Sep	3.5	0.5	0.2	1.3	0.4
Oct	-0.3	0.6	1.8	0.5	-0.7
Nov	-1.6	0.9	-0.4	-0.7	-1.8
Dec	1.6	2.1	-1.5	0.5	0.5
2017 Jan	-1.8	-2.4	-0.2	-0.3	1.8
Feb	-1.4	0.5	0.9	-0.1	2.9
Mar	5.7	-0.7	-0.7	-0.2	0.9
Apr	-6.3	0.9	1.6	-1.8	0.5
May	2.8	-	-1.2	-0.3	0.2
Jun	0.6	2.2	0.5	-3.3	0.9
Jul	-0.2	-1.2	0.3	2.5	-0.5
Aug	-	-0.3	1.0	0.8	-2.0
Sep	-0.1	0.1	-0.8	0.2	-
Oct	-1.3	0.3	0.5	-0.5	-0.5
Nov	-0.4	0.4	0.9	-0.7	0.4
Dec	-	-1.0	-1.2	-0.8	-0.3
2018 Jan	1.3	0.6	-	0.7	-0.4
Feb	-1.4	1.2	0.9	-2.1	-
Mar	-1.3	-0.4	-1.1	-0.3	-2.0
Apr	-0.6	0.4	1.8	1.9	2.5

## Percentage change, latest 3 months on same 3 months a year ago

	S2G8	S2G9	S2GA	KF18	S2GF
2016 Apr	12.7	0.2	3.4	2.0	8.4
May	11.5	-	3.9	1.7	6.2
Jun	9.4	0.3	3.8	1.7	6.7
Jul	7.0	-0.4	4.7	1.1	8.1
Aug	6.9	-0.3	5.0	1.2	8.9
Sep	7.9	0.4	5.2	1.5	9.2
Oct	9.6	1.9	5.8	2.5	8.2
Nov	9.1	3.1	5.6	2.4	6.3
Dec	7.1	3.8	5.5	2.7	5.2
2017 Jan	4.5	3.9	3.9	2.3	4.9
Feb	1.6	3.9	3.1	2.5	5.4
Mar	1.4	3.3	2.7	2.2	6.3
Apr	0.1	3.4	3.3	1.4	7.7
May	1.1	3.4	2.4	0.7	8.4
Jun	0.5	4.1	2.4	-1.4	8.1
Jul	2.9	4.6	1.5	-1.4	7.1
Aug	3.0	4.3	2.0	-1.8	5.5
Sep	1.7	3.5	1.5	-1.3	3.9
Oct	-0.6	2.6	1.1	-2.4	2.8
Nov	-1.7	2.2	0.7	-3.0	3.6
Dec	-2.2	0.9	0.8	-3.7	4.2
2018 Jan	-1.4	0.7	1.4	-3.7	4.0
Feb	-0.9	0.9	1.5	-4.5	2.0
Mar	-2.1	2.2	1.4	-4.8	-0.7
Apr	-2.4	2.4	1.3	-4.3	-2.0

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continued

Component	Industry components (SIC2007)				
	Wholesale and retail. repair of motor vehicles and motorcycles	Wholesale trade, except motor vehicles and motorcycles	Retail trades except of motor vehicles and motorcycles	Land transport	Air transport
Component	45	46	47	49	51
<b>2016 weights</b>	<b>24</b>	<b>43</b>	<b>64</b>	<b>23</b>	<b>6</b>

Percentage change, latest 3 months on previous 3 months

	S2BI	S2BJ	S2BK	KFJ2	S2BP
2016 Apr	3.8	-0.2	0.9	-	2.4
May	1.0	-0.1	1.2	-	1.0
Jun	-0.4	0.5	1.1	0.3	0.8
Jul	-2.2	0.2	1.8	-0.2	1.8
Aug	-1.7	0.7	1.1	0.3	3.0
Sep	-0.1	0.6	1.5	0.5	2.9
Oct	3.1	1.8	1.3	2.3	1.9
Nov	3.6	1.9	1.8	2.2	0.2
Dec	2.3	2.8	1.1	1.8	-1.2
2017 Jan	-0.2	2.1	-0.2	0.3	-1.3
Feb	-1.2	1.5	-1.0	-0.1	1.2
Mar	-0.4	-0.6	-0.9	-0.4	3.8
Apr	-0.5	-0.6	0.4	-0.9	5.1
May	0.6	-0.6	0.5	-1.7	3.8
Jun	-1.3	1.3	0.7	-3.3	2.5
Jul	0.5	1.4	-	-3.0	1.3
Aug	0.1	1.6	0.7	-2.2	0.2
Sep	1.1	0.1	0.6	0.7	-1.1
Oct	-0.4	-0.2	0.9	1.3	-2.1
Nov	-1.2	-0.2	0.5	1.0	-1.6
Dec	-1.7	0.2	0.4	-0.7	-0.9
2018 Jan	-0.9	0.1	0.1	-1.2	-0.2
Feb	-0.3	0.1	-0.2	-1.6	-0.4
Mar	-0.2	0.7	-0.3	-1.6	-1.1
Apr	-1.6	1.1	0.3	-1.5	-0.9

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# IOSCOMP

IOS: Index of Services

Chained volume indices of gross value added<sup>1,2,3</sup>

seasonally adjusted 2016 = 100

continued

Component	Industry components (SIC2007)				
	Warehousing and support activities for transportation	Postal and courier activities	Accommodation	Food and beverage service activities	Publishing, audiovisual and broadcasting activities
	52	53	55	56	58-60
<b>2016 weights</b>	<b>13</b>	<b>8</b>	<b>10</b>	<b>27</b>	<b>21</b>
	S2L6	S2L7	S2L9	S2LA	KFW8
2013	96.1	99.2	84.6	94.2	89.3
2014	104.0	98.4	86.7	96.9	85.6
2015	104.2	101.0	96.6	99.2	93.2
2016	100.0	100.0	100.0	100.0	100.0
2017	102.6	112.8	101.3	103.4	105.3
2016 Apr	101.1	97.7	98.8	98.1	95.0
May	99.7	99.2	98.8	99.7	94.2
Jun	99.3	97.7	99.3	100.4	97.5
Jul	101.0	96.9	99.0	98.1	101.7
Aug	100.4	98.5	101.6	100.2	102.8
Sep	98.9	99.6	99.3	102.2	106.7
Oct	99.3	101.7	101.3	100.9	101.6
Nov	99.7	103.2	101.9	101.7	103.4
Dec	102.6	107.3	101.8	101.6	109.5
2017 Jan	101.7	109.8	100.4	102.5	103.3
Feb	101.9	109.5	100.4	105.0	102.1
Mar	102.7	113.7	100.1	103.6	106.0
Apr	102.2	108.5	101.8	104.0	103.0
May	101.7	113.6	100.8	103.8	105.3
Jun	101.6	113.4	99.8	102.7	108.1
Jul	101.0	112.5	103.6	104.9	102.8
Aug	101.0	113.3	100.1	103.1	105.1
Sep	102.3	111.5	100.6	102.1	106.1
Oct	104.6	113.7	101.8	102.2	105.1
Nov	104.9	116.9	102.1	103.2	104.3
Dec	105.3	116.8	103.8	103.0	112.9
2018 Jan	105.0	112.7	104.1	104.5	107.7
Feb	104.5	111.4	103.4	102.3	107.2
Mar	102.9	113.5	104.6	101.2	109.5
Apr	102.5	112.0	103.4	102.2	107.6
<b>Percentage change, latest year on previous year</b>					
	S22C	S22D	S22F	S22G	KFW7
2013	2.6	1.5	3.2	-4.7	4.6
2014	8.2	-0.7	2.4	2.8	-4.1
2015	0.3	2.6	11.4	2.4	8.9
2016	-4.1	-1.0	3.6	0.8	7.3
2017	2.6	12.8	1.3	3.4	5.3
<b>Percentage change, latest month on same month a year ago</b>					
	S272	S273	S275	S276	KFM4
2016 Apr	-4.0	-2.5	3.7	-1.2	3.4
May	-5.5	0.6	4.1	1.0	-0.5
Jun	-6.0	-3.3	3.7	2.3	8.6
Jul	-3.7	-6.7	2.5	-0.5	4.8
Aug	-3.4	-3.9	6.4	2.2	8.4
Sep	-5.4	-1.7	0.1	2.2	20.2
Oct	-3.0	-1.9	0.2	0.4	5.0
Nov	-3.3	6.4	4.3	1.2	5.8
Dec	2.4	0.9	2.9	0.3	15.5
2017 Jan	2.0	8.2	4.4	2.4	9.6
Feb	2.3	10.1	-1.0	6.5	6.8
Mar	4.1	16.7	-0.7	5.3	8.5
Apr	1.1	11.1	3.1	6.1	8.4
May	2.0	14.5	2.0	4.1	11.7
Jun	2.3	16.0	0.5	2.3	10.9
Jul	-	16.1	4.7	7.0	1.0
Aug	0.7	15.1	-1.5	2.9	2.3
Sep	3.4	11.9	1.4	-0.1	-0.6
Oct	5.4	11.8	0.5	1.3	3.5
Nov	5.3	13.4	0.2	1.5	0.8
Dec	2.6	8.9	1.9	1.4	3.1
2018 Jan	3.2	2.7	3.7	1.9	4.2
Feb	2.6	1.7	3.0	-2.6	5.0
Mar	0.2	-0.1	4.5	-2.3	3.3
Apr	0.3	3.3	1.6	-1.8	4.4

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Chained volume indices of gross value added <sup>1,2,3</sup>

seasonally adjusted 2016 = 100

continued

Component	Industry components (SIC2007)				
	Warehousing and support activities for transportation	Postal and courier activities	Accommodation	Food and beverage service activities	Publishing, audiovisual and broadcasting activities
	52	53	55	56	58-60
<b>2016 weights</b>	<b>13</b>	<b>8</b>	<b>10</b>	<b>27</b>	<b>21</b>

## Percentage change, latest month on previous month

	S22C	S22D	S22F	S22G	KFW7
2016 Apr	2.5	0.3	-2.0	-0.3	-2.6
May	-1.4	1.6	0.1	1.6	-0.9
Jun	-0.4	-1.5	0.5	0.7	3.5
Jul	1.7	-0.8	-0.3	-2.3	4.4
Aug	-0.7	1.6	2.6	2.2	1.0
Sep	-1.4	1.1	-2.3	2.0	3.8
Oct	0.4	2.1	2.1	-1.3	-4.8
Nov	0.4	1.5	0.5	0.8	1.8
Dec	2.9	4.0	-	-0.1	5.8
2017 Jan	-0.9	2.3	-1.4	0.9	-5.6
Feb	0.2	-0.2	-	2.4	-1.2
Mar	0.8	3.8	-0.4	-1.4	3.8
Apr	-0.5	-4.5	1.7	0.5	-2.8
May	-0.5	4.7	-1.0	-0.3	2.2
Jun	-0.1	-0.2	-1.0	-1.0	2.7
Jul	-0.5	-0.8	3.9	2.1	-4.9
Aug	-	0.8	-3.4	-1.8	2.3
Sep	1.3	-1.7	0.5	-1.0	0.9
Oct	2.3	2.0	1.2	0.1	-0.9
Nov	0.3	2.9	0.3	1.0	-0.8
Dec	0.4	-0.1	1.7	-0.2	8.3
2018 Jan	-0.3	-3.5	0.3	1.4	-4.6
Feb	-0.4	-1.2	-0.7	-2.1	-0.4
Mar	-1.5	1.9	1.2	-1.2	2.1
Apr	-0.4	-1.3	-1.1	1.0	-1.8

## Percentage change, latest 3 months on same 3 months a year ago

	S2GG	S2GH	S2GJ	S2GK	KFM6
2016 Apr	-5.1	-1.2	4.4	-0.8	5.9
May	-5.3	-1.3	3.3	-0.5	4.7
Jun	-5.2	-1.7	3.8	0.7	3.7
Jul	-5.1	-3.2	3.4	0.9	4.2
Aug	-4.4	-4.6	4.2	1.3	7.2
Sep	-4.2	-4.1	3.0	1.3	10.9
Oct	-3.9	-2.5	2.2	1.6	11.0
Nov	-3.9	0.8	1.5	1.3	10.0
Dec	-1.4	1.7	2.5	0.6	8.7
2017 Jan	0.3	5.1	3.9	1.3	10.2
Feb	2.2	6.3	2.1	3.0	10.6
Mar	2.8	11.6	0.8	4.7	8.3
Apr	2.5	12.6	0.4	5.9	7.9
May	2.4	14.1	1.4	5.1	9.5
Jun	1.8	13.9	1.8	4.2	10.3
Jul	1.4	15.5	2.4	4.5	7.7
Aug	1.0	15.7	1.2	4.1	4.6
Sep	1.3	14.3	1.5	3.2	0.9
Oct	3.1	12.9	0.1	1.3	1.7
Nov	4.7	12.4	0.7	0.9	1.2
Dec	4.4	11.3	0.9	1.4	2.5
2018 Jan	3.7	8.2	1.9	1.6	2.7
Feb	2.8	4.4	2.9	0.2	4.1
Mar	2.0	1.4	3.7	-1.0	4.2
Apr	1.0	1.6	3.0	-2.2	4.2

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seasonally adjusted 2016 = 100

continued

Component	Industry components (SIC2007)				
	Warehousing and support activities for transportation	Postal and courier activities	Accommodation	Food and beverage service activities	Publishing, audiovisual and broadcasting activities
	52	53	55	56	58-60
<b>2016 weights</b>	<b>13</b>	<b>8</b>	<b>10</b>	<b>27</b>	<b>21</b>

## Percentage change, latest 3 months on previous 3 months

	S2BQ	S2BR	S2BT	S2BU	KFM8
2016 Apr	-1.2	-3.3	2.8	-2.2	0.5
May	-	-4.2	0.6	-1.3	0.8
Jun	0.7	-1.3	-0.5	0.3	-0.3
Jul	0.2	-0.3	-1.3	1.0	1.8
Aug	0.4	-0.4	0.5	0.8	5.3
Sep	-	0.1	1.0	0.8	8.6
Oct	-0.5	2.0	1.7	1.7	6.0
Nov	-0.9	3.9	0.9	2.1	3.2
Dec	0.4	5.8	1.7	1.3	1.0
2017 Jan	1.8	6.8	0.6	0.9	1.6
Feb	2.8	7.3	0.1	1.4	1.0
Mar	1.6	6.7	-1.4	2.3	-1.0
Apr	0.9	3.6	-0.6	2.2	-1.6
May	0.1	2.8	-	0.7	-0.2
Jun	-0.3	0.7	0.5	-0.2	1.6
Jul	-0.8	2.3	0.6	-0.4	1.6
Aug	-1.0	1.0	0.3	-0.2	0.6
Sep	-0.4	0.6	0.7	-0.2	-0.7
Oct	1.2	-0.3	-0.5	-1.3	0.1
Nov	2.7	0.9	0.3	-1.0	-0.1
Dec	3.4	3.0	1.1	-0.5	2.6
2018 Jan	2.3	2.4	2.5	1.1	2.7
Feb	0.9	-0.3	2.2	0.8	3.9
Mar	-0.8	-2.8	1.4	-0.2	0.6
Apr	-1.6	-2.7	0.5	-1.6	-0.2

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# IOSCOMP

IOS: Index of Services

Chained volume indices of gross value added <sup>1,2,3</sup>

seasonally adjusted 2016 = 100

continued

Component	Industry components (SIC2007)				
	Telecom -munications	Computer programming, consultancy and related activities	Information service activities	Financial service activities except insurance and pension funding	Real estate activities
	61	62	63	64	68
<b>2016 weights</b>	<b>22</b>	<b>32</b>	<b>4</b>	<b>55</b>	<b>174</b>
	S2LE	S2LF	S2LG	S2LI	KFW4
2013	105.2	77.8	83.5	102.5	93.1
2014	100.2	83.6	95.2	98.9	96.0
2015	104.3	88.2	100.1	97.4	99.4
2016	100.0	100.0	100.0	100.0	100.0
2017	100.4	109.4	107.9	100.9	101.1
2016 Apr	99.5	96.6	102.1	99.5	100.2
May	96.1	99.2	95.9	99.6	99.8
Jun	98.9	98.0	93.7	100.1	99.9
Jul	99.3	100.5	96.1	100.1	99.7
Aug	99.9	102.5	100.0	100.3	99.8
Sep	100.4	102.2	102.0	100.3	99.6
Oct	101.9	106.3	101.1	100.6	99.8
Nov	99.7	104.4	104.0	100.8	99.8
Dec	101.6	104.7	102.7	101.0	99.9
2017 Jan	102.1	102.5	105.8	102.2	100.4
Feb	99.8	104.9	102.3	101.4	100.6
Mar	98.1	106.6	104.7	100.8	100.7
Apr	102.5	107.6	104.0	100.4	100.9
May	99.5	106.7	109.7	100.4	101.2
Jun	100.7	110.4	108.3	100.8	101.2
Jul	102.2	110.1	106.4	101.0	101.3
Aug	100.4	110.3	109.4	101.2	101.5
Sep	100.1	111.7	109.3	101.1	101.3
Oct	99.0	113.4	107.8	100.5	101.5
Nov	99.8	113.9	112.9	100.4	101.6
Dec	101.0	114.6	113.9	100.7	101.6
2018 Jan	100.9	115.4	108.8	100.6	101.5
Feb	101.7	113.6	114.0	100.8	101.7
Mar	102.1	116.0	113.9	100.9	101.8
Apr	101.8	116.8	116.9	100.9	102.0
<b>Percentage change, latest year on previous year</b>					
	S22K	S22L	S22M	S22O	KFW3
2013	-4.6	3.9	13.6	-3.3	2.5
2014	-4.7	7.4	14.0	-3.5	3.1
2015	4.1	5.6	5.1	-1.5	3.5
2016	-4.1	13.4	-0.1	2.6	0.6
2017	0.4	9.4	7.9	0.9	1.1
<b>Percentage change, latest month on same month a year ago</b>					
	S27A	S27B	S27C	S27E	KFK8
2016 Apr	-5.0	10.7	3.2	1.8	1.1
May	-9.7	14.5	-12.5	3.1	0.6
Jun	-5.6	12.1	-7.5	4.3	0.5
Jul	-3.8	13.3	-5.8	4.2	-0.1
Aug	-7.2	13.9	5.7	4.2	-0.4
Sep	-3.4	15.8	3.5	3.8	-0.7
Oct	-1.5	18.8	2.6	3.9	-0.4
Nov	-3.4	13.5	4.5	3.7	-0.4
Dec	-1.3	14.8	7.1	3.2	-0.7
2017 Jan	-0.4	7.1	6.2	3.5	0.1
Feb	-1.0	10.5	-3.8	1.7	-0.1
Mar	-1.2	12.2	8.3	1.3	0.2
Apr	3.0	11.4	1.9	0.9	0.8
May	3.5	7.5	14.4	0.8	1.4
Jun	1.8	12.7	15.6	0.7	1.4
Jul	3.0	9.5	10.8	0.9	1.6
Aug	0.5	7.6	9.4	0.9	1.7
Sep	-0.3	9.3	7.2	0.7	1.7
Oct	-2.8	6.7	6.6	-0.1	1.7
Nov	-	9.2	8.5	-0.3	1.7
Dec	-0.6	9.5	11.0	-0.3	1.7
2018 Jan	-1.2	12.5	2.8	-1.6	1.1
Feb	1.9	8.3	11.5	-0.6	1.1
Mar	4.1	8.9	8.8	0.1	1.1
Apr	-0.7	8.5	12.4	0.5	1.1

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continued

Component	Industry components (SIC2007)				
	Telecom -munications	Computer programming, consultancy and related activities	Information service activities	Financial service activities except insurance and pension funding	Real estate activities
2016 weights	61	62	63	64	68
	22	32	4	55	174

## Percentage change, latest month on previous month

	S22K	S22L	S22M	S22O	KFW3
2016 Apr	0.2	1.7	5.6	-	-0.3
May	-3.5	2.8	-6.1	0.2	-0.4
Jun	2.9	-1.3	-2.3	0.5	0.1
Jul	0.4	2.6	2.6	-	-0.1
Aug	0.6	2.0	4.1	0.2	0.1
Sep	0.5	-0.3	2.1	0.1	-0.2
Oct	1.5	4.0	-0.9	0.2	0.2
Nov	-2.1	-1.8	2.9	0.2	-
Dec	1.9	0.3	-1.3	0.3	-
2017 Jan	0.4	-2.0	3.1	1.1	0.5
Feb	-2.2	2.3	-3.3	-0.8	0.2
Mar	-1.7	1.6	2.3	-0.6	0.1
Apr	4.5	1.0	-0.7	-0.4	0.3
May	-3.0	-0.8	5.5	0.1	0.2
Jun	1.2	3.4	-1.3	0.4	0.1
Jul	1.5	-0.3	-1.7	0.1	0.1
Aug	-1.8	0.2	2.8	0.2	0.2
Sep	-0.3	1.3	-0.1	-0.1	-0.2
Oct	-1.0	1.5	-1.4	-0.6	0.2
Nov	0.8	0.4	4.8	-0.1	0.1
Dec	1.2	0.6	0.9	0.3	-
2018 Jan	-0.1	0.6	-4.5	-0.2	-0.1
Feb	0.8	-1.5	4.8	0.2	0.2
Mar	0.4	2.1	-0.1	0.2	0.2
Apr	-0.3	0.7	2.7	-	0.2

## Percentage change, latest 3 months on same 3 months a year ago

	S2GO	S2GP	S2GQ	S2GS	KFL2
2016 Apr	-4.9	10.5	1.0	1.0	2.0
May	-7.2	12.1	-4.8	1.9	1.3
Jun	-6.8	12.4	-5.8	3.0	0.8
Jul	-6.4	13.3	-8.7	3.8	0.4
Aug	-5.6	13.1	-2.7	4.2	-
Sep	-4.8	14.3	1.0	4.1	-0.4
Oct	-4.1	16.2	3.9	4.0	-0.5
Nov	-2.8	16.0	3.5	3.8	-0.5
Dec	-2.1	15.7	4.7	3.6	-0.5
2017 Jan	-1.7	11.7	5.9	3.5	-0.3
Feb	-0.9	10.7	3.0	2.8	-0.2
Mar	-0.9	9.9	3.4	2.2	0.1
Apr	0.3	11.4	1.9	1.3	0.3
May	1.8	10.3	8.1	1.0	0.8
Jun	2.8	10.5	10.4	0.8	1.2
Jul	2.8	9.9	13.6	0.8	1.5
Aug	1.8	9.9	11.9	0.8	1.6
Sep	1.0	8.8	9.1	0.8	1.7
Oct	-0.9	7.9	7.7	0.5	1.7
Nov	-1.0	8.4	7.4	0.1	1.7
Dec	-1.1	8.5	8.7	-0.2	1.7
2018 Jan	-0.6	10.4	7.4	-0.7	1.5
Feb	-	10.1	8.3	-0.8	1.3
Mar	1.6	9.9	7.6	-0.7	1.1
Apr	1.7	8.6	10.9	-	1.1

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# IOSCOMP

IOS: Index of Services

Chained volume indices of gross value added <sup>1,2,3</sup>

seasonally adjusted 2016 = 100

continued

Component	Industry components (SIC2007)				
	Telecom -munications	Computer programming, consultancy and related activities	Information service activities	Financial service activities except insurance and pension funding	Real estate activities
Component	61	62	63	64	68
2016 weights	22	32	4	55	174

## Percentage change, latest 3 months on previous 3 months

	S2BY	S2BZ	S2C2	S2C4	KFL4
2016 Apr	-2.9	2.7	3.4	1.6	0.1
May	-3.7	3.1	-2.4	0.8	-0.3
Jun	-2.7	2.8	-3.6	0.4	-0.5
Jul	-1.8	3.9	-6.4	0.4	-0.7
Aug	1.0	3.5	-1.7	0.6	-0.4
Sep	1.7	3.9	2.2	0.5	-0.2
Oct	2.7	4.5	6.1	0.5	-
Nov	1.3	4.0	6.0	0.4	-
Dec	1.3	3.3	3.3	0.6	0.1
2017 Jan	0.4	0.2	3.1	0.9	0.3
Feb	0.5	-0.3	1.2	1.0	0.5
Mar	-1.1	-0.4	1.6	0.6	0.7
Apr	-1.0	2.4	-0.5	-0.5	0.7
May	-1.1	2.8	2.4	-1.0	0.6
Jun	0.9	3.4	2.9	-0.9	0.6
Jul	0.6	2.5	4.3	-0.1	0.5
Aug	1.0	3.1	1.8	0.4	0.4
Sep	-	2.3	1.0	0.5	0.3
Oct	-1.0	2.5	0.7	0.2	0.2
Nov	-1.4	2.5	1.8	-0.3	0.1
Dec	-0.9	3.0	2.9	-0.5	0.1
2018 Jan	0.7	2.5	2.8	-0.3	0.1
Feb	1.6	1.3	2.1	-	0.1
Mar	1.7	0.9	0.6	0.2	0.1
Apr	1.3	0.7	2.7	0.3	0.3

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# IOSCOMP

IOS: Index of Services  
Chained volume indices of gross value added<sup>1,2,3</sup>

seasonally adjusted 2016 = 100

continued

Industry components (SIC2007)					
Component	Other professional service activities 69-71	Other professional scientific and technical activities 73-75	Administrative and support service activities 77-82	Public admin and defence; compulsory social security 84	Education 85
<b>2016 weights</b>	<b>67</b>	<b>20</b>	<b>60</b>	<b>59</b>	<b>74</b>
2013	KFX6 85.9	KFY2 92.5	S2LZ 84.9	S2M9 105.8	S2MB 97.4
2014	91.4	98.3	92.8	103.8	98.9
2015	96.2	100.4	97.9	101.8	100.6
2016	100.0	100.0	100.0	100.0	100.0
2017	104.5	103.0	103.8	100.3	101.1
2016 Apr	100.1	100.2	99.7	100.0	99.5
May	99.0	100.0	98.3	99.8	100.1
Jun	99.6	99.1	98.9	99.8	100.0
Jul	100.1	100.4	99.3	99.8	99.8
Aug	100.8	99.4	99.5	99.9	99.7
Sep	100.9	99.0	101.6	99.9	99.6
Oct	101.8	98.6	100.9	99.9	99.7
Nov	103.0	100.2	101.8	99.8	99.9
Dec	101.8	106.0	101.7	99.8	100.3
2017 Jan	104.2	100.2	102.4	99.8	100.7
Feb	102.6	101.9	102.7	99.9	101.0
Mar	103.3	99.7	103.8	100.2	100.9
Apr	102.9	99.9	101.0	100.5	100.9
May	103.8	103.8	103.5	100.6	100.9
Jun	103.7	104.3	103.6	100.5	100.9
Jul	104.0	103.1	103.6	100.3	101.0
Aug	104.3	104.2	103.9	100.2	101.1
Sep	104.7	105.7	104.0	100.2	101.2
Oct	105.6	104.8	104.6	100.4	101.3
Nov	107.3	104.8	105.8	100.6	101.3
Dec	107.2	103.7	106.0	100.6	101.4
2018 Jan	109.1	105.7	106.9	100.5	101.4
Feb	107.4	104.8	105.2	100.5	101.5
Mar	108.5	105.0	105.7	100.5	101.5
Apr	108.6	105.7	106.8	100.5	101.6
<b>Percentage change, latest year on previous year</b>					
	KFX5	KFX9	S237	S23F	S23H
2013	7.0	0.6	4.9	-2.4	0.7
2014	6.4	6.3	9.4	-1.8	1.5
2015	5.3	2.2	5.5	-1.9	1.7
2016	3.9	-0.4	2.1	-1.8	-0.6
2017	4.5	3.0	3.8	0.3	1.1
<b>Percentage change, latest month on same month a year ago</b>					
	KFO6	KFQ2	S27V	S285	S287
2016 Apr	4.3	2.8	2.1	-2.6	-0.8
May	2.4	0.9	2.0	-2.4	-0.2
Jun	3.2	-2.7	1.3	-1.9	-0.3
Jul	4.1	0.4	-0.3	-1.5	-0.8
Aug	4.8	-0.1	0.2	-1.4	-1.1
Sep	3.2	-0.8	2.5	-1.2	-1.3
Oct	4.0	-2.5	2.0	-1.2	-1.2
Nov	5.6	-0.7	3.0	-1.2	-1.1
Dec	4.5	3.7	3.6	-1.3	-0.9
2017 Jan	8.6	-2.5	3.5	-0.9	0.2
Feb	4.3	3.9	2.3	-0.7	0.1
Mar	4.7	3.8	4.9	-0.1	1.0
Apr	2.8	-0.3	1.4	0.5	1.4
May	4.8	3.8	5.3	0.8	0.8
Jun	4.1	5.2	4.8	0.7	1.0
Jul	3.9	2.7	4.3	0.5	1.2
Aug	3.5	4.8	4.5	0.3	1.4
Sep	3.8	6.8	2.4	0.4	1.6
Oct	3.7	6.2	3.6	0.5	1.6
Nov	4.2	4.5	3.9	0.7	1.4
Dec	5.3	-2.2	4.3	0.8	1.1
2018 Jan	4.7	5.5	4.3	0.7	0.6
Feb	4.6	2.8	2.5	0.6	0.4
Mar	5.1	5.3	1.8	0.3	0.6
Apr	5.5	5.8	5.7	0.1	0.7

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# IOSCOMP

IOS: Index of Services

Chained volume indices of gross value added<sup>1,2,3</sup>

seasonally adjusted 2016 = 100

continued

Industry components (SIC2007)					
Component	Other professional service activities 69-71	Other professional scientific and technical activities 73-75	Administrative and support service activities 77-82	Public admin and defence; compulsory social security 84	Education 85
2016 weights	67	20	60	59	74
Percentage change, latest month on previous month					
	KFX5	KFX9	S237	S23F	S23H
2016 Apr	1.5	4.3	0.7	-0.3	-0.5
May	-1.0	-0.2	-1.3	-0.2	0.6
Jun	0.6	-0.9	0.6	-	-0.1
Jul	0.5	1.3	0.4	0.1	-0.2
Aug	0.7	-1.0	0.2	-	-0.1
Sep	0.1	-0.4	2.1	-	-
Oct	0.9	-0.4	-0.6	-	0.1
Nov	1.2	1.6	0.9	-	0.2
Dec	-1.2	5.7	-0.2	-	0.4
2017 Jan	2.4	-5.5	0.8	-	0.4
Feb	-1.5	1.7	0.2	0.1	0.3
Mar	0.7	-2.2	1.1	0.3	-0.1
Apr	-0.3	0.2	-2.7	0.3	-0.1
May	0.8	3.9	2.5	0.1	-
Jun	-0.1	0.5	0.1	-0.1	-
Jul	0.3	-1.1	-	-0.2	0.1
Aug	0.3	1.1	0.3	-0.1	0.1
Sep	0.4	1.5	0.1	0.1	0.1
Oct	0.8	-0.9	0.6	0.2	-
Nov	1.6	-	1.2	0.2	-
Dec	-0.1	-1.0	0.1	-	0.1
2018 Jan	1.8	2.0	0.8	-0.1	-
Feb	-1.6	-0.9	-1.6	-0.1	0.1
Mar	1.1	0.2	0.5	-	0.1
Apr	0.1	0.6	1.0	0.1	0.1
Percentage change, latest 3 months on same 3 months a year ago					
	KFO8	KFQ4	S2HB	S2HJ	S2HL
2016 Apr	4.3	-1.4	2.5	-2.3	-0.1
May	3.7	-0.7	1.7	-2.4	-0.4
Jun	3.3	0.3	1.8	-2.3	-0.4
Jul	3.2	-0.5	1.0	-1.9	-0.4
Aug	4.0	-0.8	0.4	-1.6	-0.8
Sep	4.1	-0.2	0.8	-1.4	-1.1
Oct	4.0	-1.1	1.6	-1.3	-1.2
Nov	4.3	-1.3	2.5	-1.2	-1.2
Dec	4.7	0.2	2.9	-1.2	-1.1
2017 Jan	6.2	0.2	3.4	-1.1	-0.6
Feb	5.8	1.7	3.1	-0.9	-0.2
Mar	5.9	1.6	3.6	-0.5	0.4
Apr	4.0	2.4	2.9	-0.1	0.8
May	4.1	2.4	3.8	0.4	1.0
Jun	3.9	2.9	3.8	0.7	1.0
Jul	4.2	3.9	4.8	0.7	1.0
Aug	3.8	4.2	4.5	0.5	1.2
Sep	3.7	4.7	3.7	0.4	1.4
Oct	3.7	5.9	3.5	0.4	1.5
Nov	3.9	5.8	3.3	0.5	1.5
Dec	4.4	2.8	3.9	0.7	1.4
2018 Jan	4.8	2.5	4.2	0.8	1.0
Feb	4.9	2.0	3.7	0.7	0.7
Mar	4.8	4.6	2.9	0.5	0.6
Apr	5.1	4.6	3.3	0.3	0.6

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# IOSCOMP

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Chained volume indices of gross value added <sup>1,2,3</sup>

seasonally adjusted 2016 = 100

continued

Industry components (SIC2007)					
Component	Other professional service activities 69-71	Other professional scientific and technical activities 73-75	Administrative and support service activities 77-82	Public admin and defence; compulsory social security 84	Education 85
<b>2016 weights</b>	<b>67</b>	<b>20</b>	<b>60</b>	<b>59</b>	<b>74</b>
<b>Percentage change, latest 3 months on previous 3 months</b>					
	KFP2	KFQ6	S2CL	S2CT	S2CV
2016 Apr	2.1	-3.8	1.0	-0.7	-0.8
May	2.1	-2.2	-0.2	-0.8	-1.0
Jun	2.0	0.8	-0.5	-0.6	-0.7
Jul	0.6	1.8	-0.8	-0.5	-0.2
Aug	0.9	0.9	0.3	-0.2	-
Sep	1.0	-0.1	1.2	-	-0.1
Oct	1.6	-0.8	1.8	0.1	-0.3
Nov	1.7	-0.4	2.2	-	-0.1
Dec	1.6	2.0	1.3	-	0.3
2017 Jan	1.8	3.1	1.3	-0.1	0.6
Feb	0.9	3.4	0.8	-	0.9
Mar	1.1	-1.0	1.5	0.1	0.9
Apr	-	-1.6	0.5	0.4	0.6
May	0.5	-1.5	0.5	0.6	0.2
Jun	0.1	2.0	-0.2	0.6	-
Jul	0.9	3.2	1.1	0.3	-
Aug	0.7	2.7	0.9	-0.1	0.1
Sep	0.9	1.6	1.1	-0.3	0.2
Oct	1.0	1.1	0.6	-0.2	0.3
Nov	1.8	1.2	1.0	0.1	0.3
Dec	2.2	0.1	1.6	0.3	0.2
2018 Jan	2.8	-0.1	2.0	0.3	0.2
Feb	1.9	-0.3	1.2	0.1	0.1
Mar	1.5	0.7	0.5	-	0.1
Apr	0.3	0.4	-0.3	-0.1	0.2

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# IOSCOMP

IOS: Index of Services

Chained volume indices of gross value added <sup>1,2,3</sup>

seasonally adjusted 2016 = 100

continued

Industry components (SIC2007)				
Component	Human health and social work activities 86-88	Arts, entertainment and recreation 90-93	Other service activities 94-96	Activities of households as employers 97
<b>2016 weights</b>	<b>94</b>	<b>19</b>	<b>27</b>	<b>5</b>
	S2MC	S2MG	S2ML	S2MQ
2013	93.8	96.7	88.9	98.6
2014	96.9	99.1	98.6	93.6
2015	98.4	99.8	102.1	92.5
2016	100.0	100.0	100.0	100.0
2017	99.6	98.1	103.5	91.3
2016 Apr	100.2	98.0	99.4	102.4
May	100.1	98.7	99.4	107.1
Jun	100.1	99.4	98.7	109.5
Jul	100.1	101.0	99.1	109.6
Aug	100.1	98.2	98.9	106.7
Sep	99.9	99.7	97.1	102.1
Oct	99.8	99.9	99.9	96.4
Nov	99.7	100.7	102.0	91.4
Dec	99.8	102.8	104.3	87.3
2017 Jan	99.7	101.4	105.2	88.6
Feb	99.7	98.5	102.9	88.0
Mar	99.7	97.2	104.5	88.4
Apr	99.7	98.5	105.1	90.9
May	99.8	97.0	105.4	92.4
Jun	99.5	97.4	104.2	96.1
Jul	99.5	97.5	103.2	97.6
Aug	99.4	98.6	104.8	96.4
Sep	99.2	98.2	102.7	93.4
Oct	99.3	98.8	102.3	89.3
Nov	99.6	96.8	100.5	86.5
Dec	99.8	97.0	101.6	88.5
2018 Jan	99.8	95.7	102.6	91.6
Feb	99.9	94.4	102.7	93.7
Mar	100.1	95.7	104.0	95.7
Apr	100.2	96.1	104.7	95.4
<b>Percentage change, latest year on previous year</b>				
	S23I	S23M	S23R	S23W
2013	2.3	-3.6	0.2	1.9
2014	3.4	2.5	11.0	-5.1
2015	1.5	0.7	3.6	-1.2
2016	1.6	0.2	-2.1	8.1
2017	-0.4	-1.9	3.5	-8.7
<b>Percentage change, latest month on same month a year ago</b>				
	S288	S28C	S28H	S28M
2016 Apr	2.2	-1.8	-1.4	8.4
May	1.6	-0.5	-2.3	15.7
Jun	1.3	0.1	-4.1	23.3
Jul	1.1	0.3	-4.2	28.0
Aug	1.2	-0.6	-3.4	25.3
Sep	1.0	-1.6	-6.4	12.8
Oct	0.6	0.9	-1.8	1.7
Nov	0.3	0.5	-0.9	-8.7
Dec	0.3	-0.8	2.5	-12.3
2017 Jan	-0.1	0.1	5.2	-7.3
Feb	-0.6	-2.0	1.6	-7.4
Mar	-0.6	-2.8	4.5	-8.8
Apr	-0.4	0.6	5.7	-11.3
May	-0.3	-1.7	6.1	-13.7
Jun	-0.5	-1.9	5.6	-12.2
Jul	-0.6	-3.5	4.1	-11.0
Aug	-0.7	0.4	6.0	-9.7
Sep	-0.7	-1.5	5.8	-8.5
Oct	-0.4	-1.1	2.4	-7.3
Nov	-0.1	-3.9	-1.4	-5.3
Dec	-	-5.6	-2.6	1.4
2018 Jan	0.1	-5.6	-2.4	3.4
Feb	0.2	-4.2	-0.2	6.6
Mar	0.4	-1.6	-0.5	8.2
Apr	0.5	-2.5	-0.3	5.0

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# IOSCOMP

IOS: Index of Services

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seasonally adjusted 2016 = 100

continued

Industry components (SIC2007)				
	Human health and social work activities	Arts, entertainment and recreation	Other service activities	Activities of households as employers
Component	86-88	90-93	94-96	97
2016 weights	94	19	27	5

## Percentage change, latest month on previous month

	S23I	S23M	S23R	S23W
2016 Apr	-0.1	-2.0	-0.6	5.7
May	-0.1	0.7	-0.1	4.6
Jun	-	0.7	-0.6	2.2
Jul	-	1.6	0.4	0.1
Aug	-	-2.7	-0.2	-2.6
Sep	-0.2	1.5	-1.8	-4.3
Oct	-0.1	0.2	2.8	-5.6
Nov	-0.1	0.8	2.1	-5.2
Dec	0.1	2.1	2.2	-4.5
2017 Jan	-0.1	-1.3	0.8	1.5
Feb	-	-2.8	-2.2	-0.7
Mar	-	-1.3	1.6	0.5
Apr	0.1	1.3	0.5	2.7
May	-	-1.6	0.3	1.7
Jun	-0.2	0.5	-1.1	4.0
Jul	-	-	-1.0	1.5
Aug	-0.2	1.2	1.6	-1.3
Sep	-0.2	-0.4	-2.0	-3.1
Oct	0.2	0.7	-0.4	-4.4
Nov	0.2	-2.0	-1.7	-3.2
Dec	0.2	0.2	1.1	2.3
2018 Jan	0.1	-1.3	1.0	3.5
Feb	0.1	-1.3	0.1	2.3
Mar	0.2	1.4	1.3	2.1
Apr	0.1	0.4	0.7	-0.3

## Percentage change, latest 3 months on same 3 months a year ago

	S2HM	S2HQ	S2HV	S2I2
2016 Apr	3.0	-0.3	-1.1	4.4
May	2.4	-0.9	-1.7	8.8
Jun	1.7	-0.7	-2.6	15.7
Jul	1.3	-	-3.5	22.2
Aug	1.2	-0.1	-3.9	25.5
Sep	1.1	-0.6	-4.6	21.9
Oct	0.9	-0.4	-3.9	12.8
Nov	0.6	-0.1	-3.0	1.6
Dec	0.4	0.2	-0.1	-6.6
2017 Jan	0.2	-0.1	2.2	-9.5
Feb	-0.1	-0.9	3.1	-9.1
Mar	-0.4	-1.5	3.8	-7.8
Apr	-0.6	-1.4	3.9	-9.2
May	-0.5	-1.3	5.4	-11.3
Jun	-0.4	-1.0	5.8	-12.4
Jul	-0.5	-2.4	5.3	-12.3
Aug	-0.6	-1.7	5.2	-11.0
Sep	-0.7	-1.6	5.3	-9.8
Oct	-0.6	-0.8	4.7	-8.6
Nov	-0.4	-2.2	2.2	-7.1
Dec	-0.2	-3.5	-0.6	-3.9
2018 Jan	-	-5.0	-2.1	-0.2
Feb	0.1	-5.2	-1.7	3.8
Mar	0.3	-3.8	-1.0	6.1
Apr	0.4	-2.8	-0.3	6.6

1 Indices reflect values measured 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](#)

Sources: For further information on these data please telephone 01633 456387; fax 01633 455300 or e-mail [ios.enquiries@ons.gov.uk](mailto:ios.enquiries@ons.gov.uk)

# IOSCOMP

IOS: Index of Services  
Chained volume indices of gross value added <sup>1,2,3</sup>

seasonally adjusted 2016 = 100

continued

Industry components (SIC2007)				
	Human health and social work activities	Arts, entertainment and recreation	Other service activities	Activities of households as employers
Component	86-88	90-93	94-96	97
2016 weights	94	19	27	5

## Percentage change, latest 3 months on previous 3 months

	S2CW	S2D2	S2D7	S2DC
2016 Apr	0.7	-2.1	-1.3	-0.3
May	0.4	-2.9	-1.4	5.7
Jun	-	-1.9	-1.2	11.0
Jul	-0.1	0.2	-1.2	10.8
Aug	-0.1	0.7	-0.7	6.3
Sep	-0.1	1.0	-0.8	-0.2
Oct	-0.2	-0.4	-0.4	-6.4
Nov	-0.3	0.6	0.8	-11.0
Dec	-0.3	1.5	3.7	-13.6
2017 Jan	-0.2	2.4	5.3	-12.5
Feb	-0.1	0.8	4.5	-9.0
Mar	-0.1	-2.0	2.1	-3.7
Apr	-	-3.5	0.3	-
May	-	-3.3	0.8	3.0
Jun	-	-1.4	0.7	5.4
Jul	-0.1	-0.8	0.1	7.1
Aug	-0.2	0.3	-0.9	6.8
Sep	-0.3	0.4	-1.3	2.8
Oct	-0.3	1.3	-1.0	-2.5
Nov	-0.1	0.1	-2.1	-7.2
Dec	0.2	-0.6	-2.0	-8.0
2018 Jan	0.4	-2.1	-1.6	-4.5
Feb	0.5	-2.3	0.4	1.7
Mar	0.4	-2.3	1.6	6.3
Apr	0.3	-1.1	2.2	6.8

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

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