

Statistical bulletin

# Index of Services, UK: August 2017

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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# 1 . Main points

- In the three months to August 2017, services output increased by 0.4% compared with the three months ending May 2017.
- Computer programming and retail trade made the largest contributions to the three-month on three-month growth; contributing 0.10 and 0.08 respectively.
- The Index of Services increased by 0.2% between July and August 2017.
- The largest contribution to the month-on-month increase came from the business services and finance sector, which contributed 0.12 percentage points.
- Retail trade and motion pictures made the largest contributions at industry level to the month-on-month increase, with both contributing 0.06 percentage points.
- In the three months to August 2017, services output increased by 1.7% compared with the three months ending August 2016.

## 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.

The IoS measures the 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 relating to the retail industry are broadly comparable with [Retail sales, Great Britain: September 2017](#), published on 19 October 2017.

This August 2017 release contains revisions from July 2017. 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.

This revisions period is consistent with the [National Accounts Revisions Policy](#).

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 Official 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 August 2017.

**Table 1: Index of Services main figures, August 2017**

UK	Percentage Change					
	Percentage of Services <sup>1</sup>	Index number (2015 = 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	104.3	1.4	1.7	0.2	0.4
Distribution, hotels and restaurants	17.3	107.8	2.0	2.9	-0.1	0.7
Transport, storage and communication	13.2	106.2	0.9	2.2	0.1	0.6
Business services and finance	41.5	103.6	1.7	1.6	0.3	0.5
Government and other services	28.0	102.3	0.8	0.8	0.1	0.1

Source: Office for National Statistics

Notes:

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

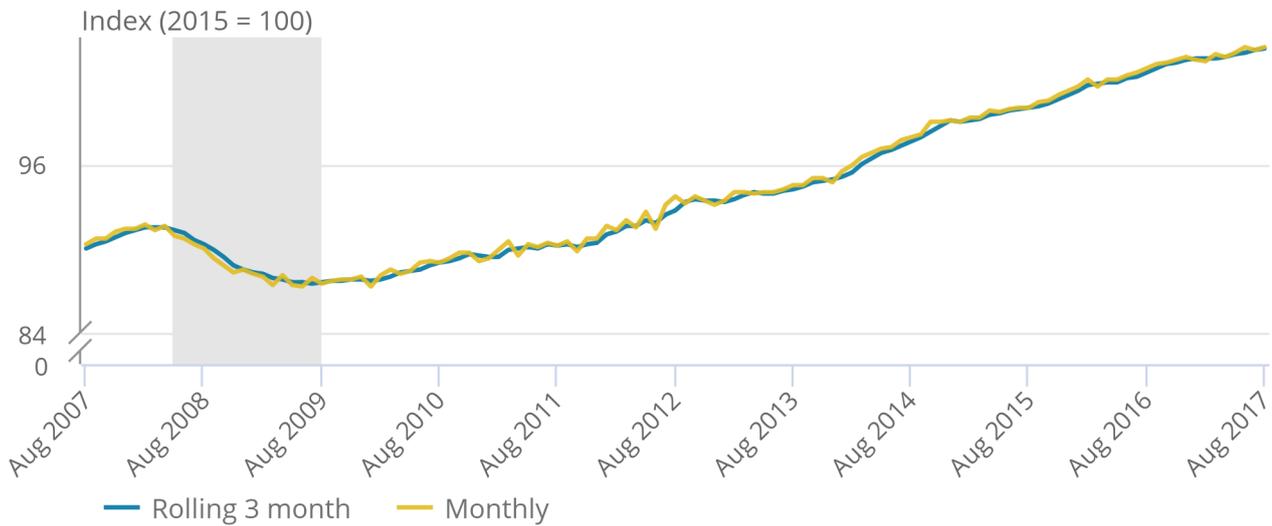
Figure 1 shows the seasonally adjusted index time series for the IoS over the past decade; this shows continued services growth following the economic downturn. The monthly IoS series can be volatile and therefore we recommend that monthly growths are viewed in the context of the longer-term trend and three-month on three-month growth rates.

**Figure 1: Seasonally adjusted Index of Services, August 2007 to August 2017**

UK

Figure 1: Seasonally adjusted Index of Services, August 2007 to August 2017

UK



Source: Office for National Statistics

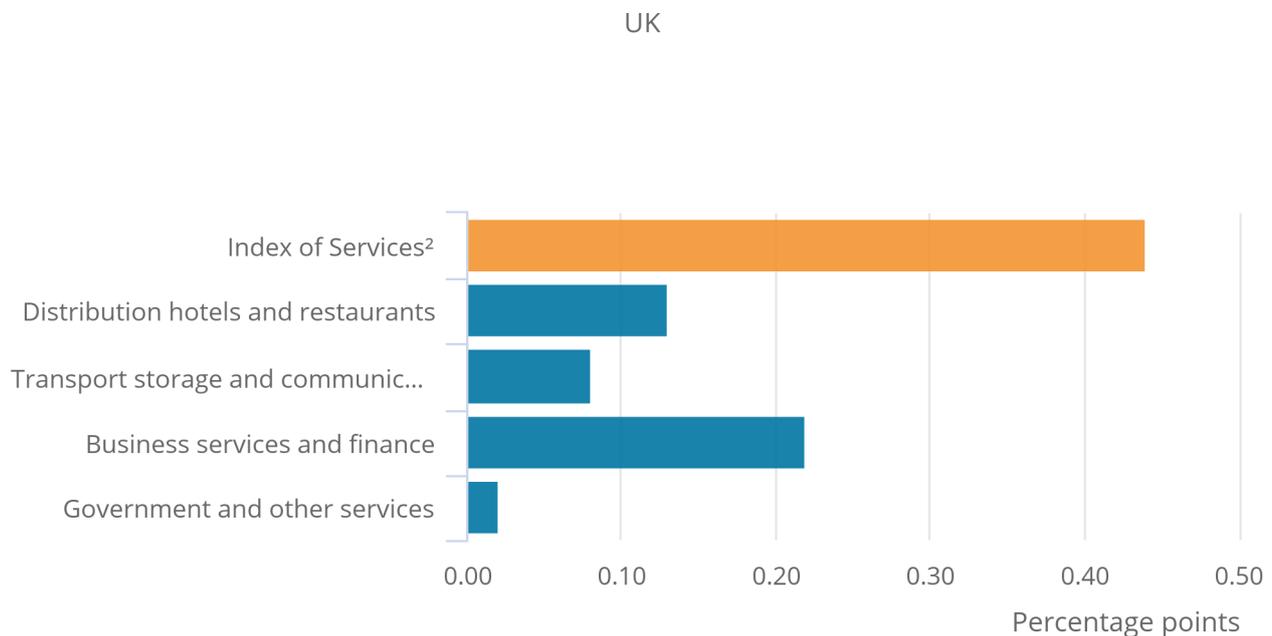
## 4 . Three-month on three-month services growth increased in August 2017

Figure 2 shows that services output increased by 0.4% in the three months ending August 2017 when compared with the three months ending May 2017.

**Figure 2: Contributions<sup>1</sup> to growth in services during most recent 3 months compared with previous 3 months**

UK

Figure 2: Contributions<sup>1</sup> to growth in services during most recent 3 months compared with previous 3 months



**Source: Office for National Statistics**

**Notes:**

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

All of the four main components of the services industries increased in the three months ending August 2017. In order of their contribution to growth:

- business services and finance increased by 0.5%, contributing 0.22 percentage points
- distribution, hotels and restaurants increased by 0.7%, contributing 0.13 percentage points
- transport, storage and communication increased by 0.6%, contributing 0.08 percentage points
- government and other services increased by 0.1%, contributing 0.02 percentage points

The main sector driving Index of Services (IoS) growth is business services and finance, with accounting activities, advertising activities and employment activities each contributing 0.03 percentage points, increasing by 2.3%, 3.3% and 2.1% respectively.

Retail trade was the largest industry contributing to the positive growth in the distribution, hotels and restaurants sector, increasing by 1.2% and contributing 0.08 percentage points. In addition, wholesale trade contributed 0.05 percentage points to growth, increasing by 1.1%.

In the transport, storage and communications sector, computer programming was the largest industry contributing to the positive growth, increasing by 3.3% and contributing 0.10 percentage points. Also within this sector, telecommunications contributed 0.04 percentage points, increasing by 1.9%.

Human health activities and education had the largest contributions to the positive growth in the government and other services sector. They both increased by 0.4% and contributed 0.03 percentage points. Creative, arts and entertainment activities offset some of this, decreasing 10.0% and contributing negative 0.04 percentage points. This industry saw a fall in each of the three months ending August 2017 with the largest decrease in July 2017.

## **5 . Month-on-month services growth increased in August 2017**

During August 2017, services output increased by 0.2% following a fall of 0.1% in July 2017.

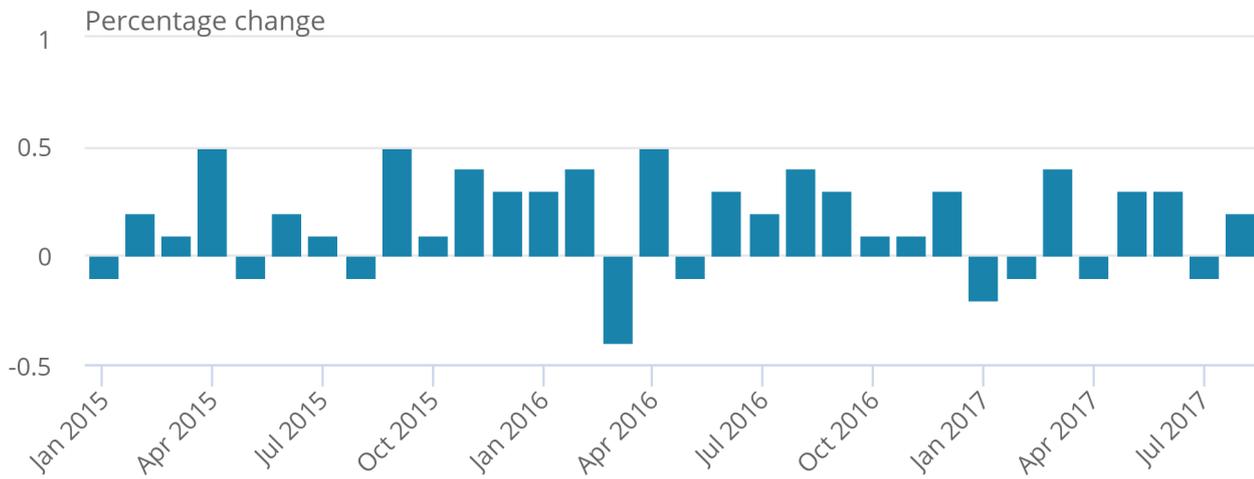
Figure 3 shows the pattern of Index of Services (IoS) headline growth rates since January 2015 and Figure 4 shows the month-on-month contributions of each of the main IoS components.

**Figure 3: Index of Services headline growth rates from January 2015 to August 2017**

UK

Figure 3: Index of Services headline growth rates from January 2015 to August 2017

UK

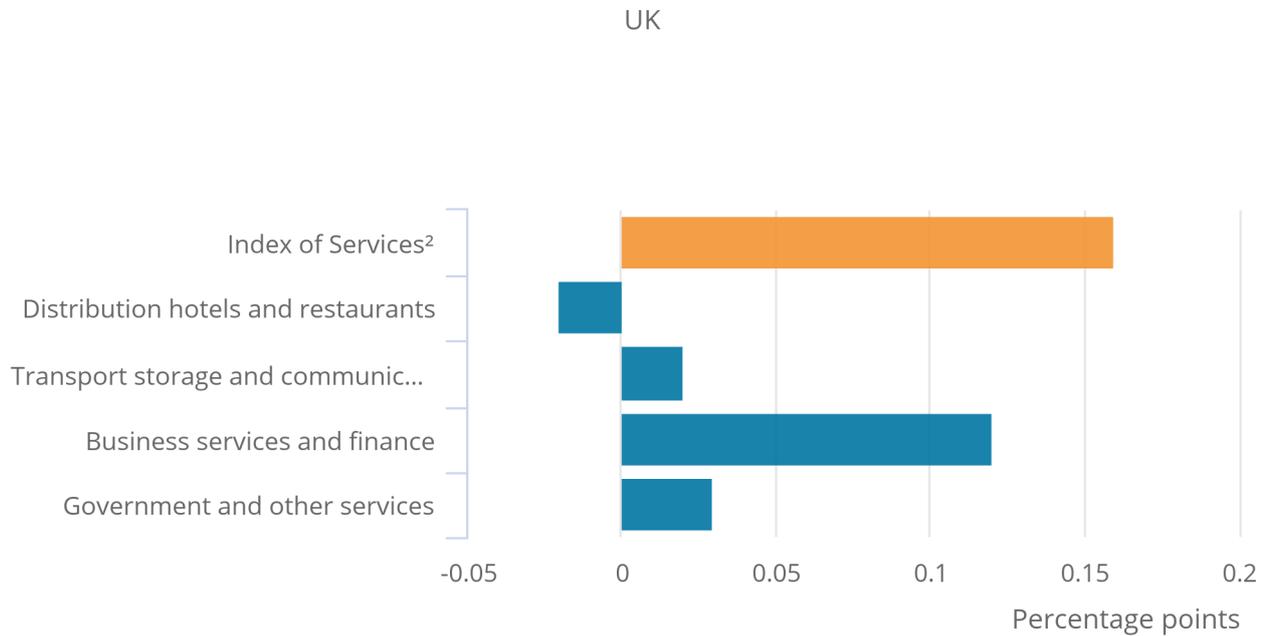


Source: Office for National Statistics

**Figure 4: Contributions<sup>1</sup> to growth in services between July 2017 and August 2017**

UK

Figure 4: Contributions<sup>1</sup> to growth in services between July 2017 and August 2017



**Source: Office for National Statistics**

**Notes:**

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

The main sector driving the month-on-month growth was business services and finance, increasing by 0.3%, contributing 0.12 percentage points. There was widespread growth across this sector with nine industries contributing towards this growth.

The other three main components of the services industries were flat over the same period.

In order of their contribution to growth, the industries contributing to the increase of 0.2% in August 2017 were:

- retail trade, which increased by 0.9%, contributing 0.06 percentage points; please see the [Retail sales, Great Britain: September 2017](#) release for more information
- motion pictures, which increased by 7.1%, contributing 0.06 percentage points; this growth follows a large fall in the industry in July 2017 and further information on the films in August 2017 can be found on the [British Film Institute \(BFI\) website](#)
- programming and broadcasting, which increased by 7.1%, contributing 0.03 percentage points

Telecommunications, which contributed negative 0.04 percentage points, and accommodation, which contributed negative 0.03 percentage points, partially offset some of the growth. They decreased by 1.9% and 2.7% respectively.

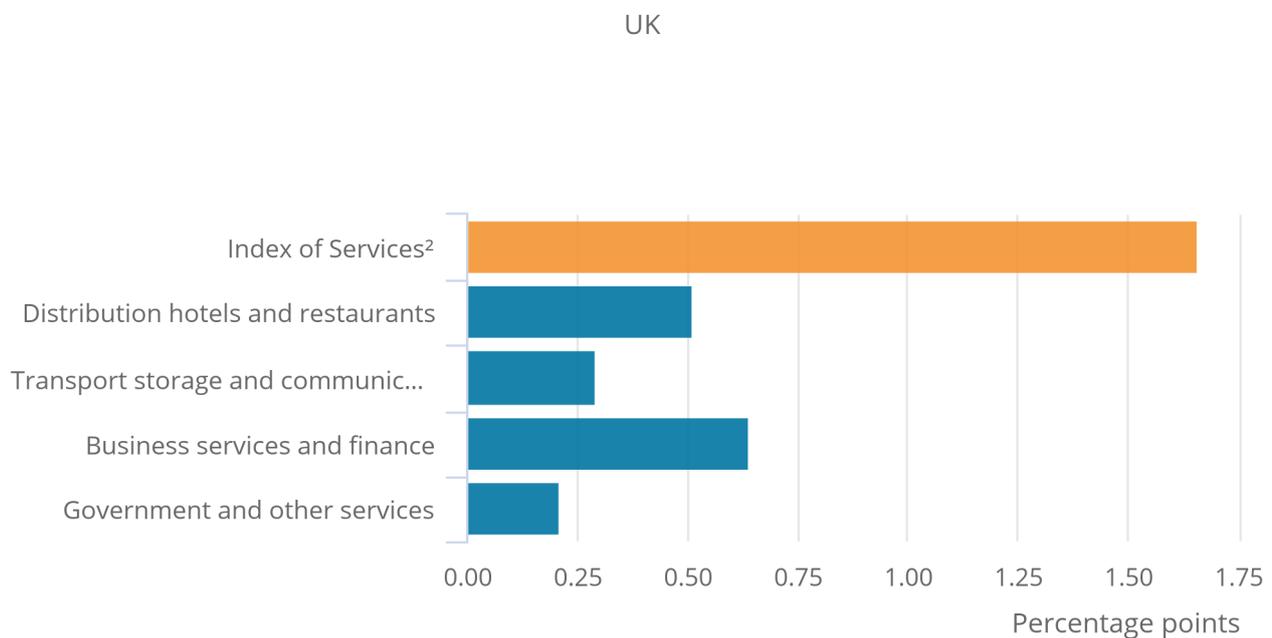
## 6 . Three-month services growth on a year ago

In the three months to August 2017, services output increased by 1.7% compared with the three months ending August 2016.

**Figure 5: Contributions<sup>1</sup> to growth in services in most recent 3 months compared with the same 3 months a year ago**

UK

Figure 5: Contributions<sup>1</sup> to growth in services in most recent 3 months compared with the same 3 months a year ago



**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 in the most recent three months compared with the same three months a year ago. In order of their contribution to growth:

- business services and finance increased by 1.6%, contributing 0.64 percentage points
- distribution, hotels and restaurants increased by 2.9%, contributing 0.51 percentage points
- transport, storage and communication increased by 2.2%, contributing 0.29 percentage points
- government and other services increased by 0.8%, contributing 0.21 percentage points

Industries contributing to the 1.7% growth in August 2017 were:

- computer programming, which increased by 5.1%, contributing 0.16 percentage points
- food and beverage activities, which increased by 5.4%, contributing 0.15 percentage points
- accounting activities, which increased by 11.8%, contributing 0.15 percentage points; this follows a decrease for the industry in the three months ending August 2016
- retail trade, which increased by 2.1%, contributing 0.15 percentage points

## 7 . What is the contribution of services to gross domestic product?

With a weight of 79.3% in 2015, the services industries are the largest industrial grouping in the output approach to measuring gross domestic product (GDP).

Also published today (25 October 2017) is the [Gross domestic product, preliminary estimate: July to September 2017 statistical bulletin](#), reporting that GDP in Quarter 3 (July to Sept) 2017 increased by 0.4% compared with the previous quarter. The services aggregate was the dominant contributor to the quarter-on-quarter percentage change in GDP, contributing 0.29 percentage points. Production also had a large contribution of 0.13 percentage points and agriculture contributed 0.01 percentage points. Construction contributed negative 0.05 percentage points to the headline figure.

## 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\(O\) source 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 will begin using Value Added Tax (VAT) data, alongside the Monthly Business Survey data, in the production of gross domestic product (GDP) statistics from December 2017. The first use of VAT in the national accounts will be in the Quarterly National Accounts: July to September 2017 and the Index of Services: October 2017 bulletins, which are both due for publication on 22 December 2017. An article will be published in November 2017, which will review the methodological improvements and provide further detail on implementation plans.

This change means that the Monthly Business Survey will no longer be the sole turnover data source. We are therefore planning to stop the publication of Turnover in Production and Services Industries (TOPSI), which is based on the Monthly Business Survey, in its current form. The final release will be on 10 November 2017. Instead, additional information drawn from our new data sources will be provided in the relevant Index of Production or Index of Services release from December 2017.

We published a response to the consultation on proposed changes to the 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 from July 2018 (for the reference period of May) and there will be two quarterly estimates of GDP a 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.

## 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 2013. 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

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)						
Section	Total service industries	Distribution hotels and restaurants	Transport, storage and communication	Business services and finance	Government and other services	
	G-T	G and I	H and J	K-N	O-T	
<b>2015 weights</b>	<b>1000</b>	<b>173</b>	<b>132</b>	<b>415</b>	<b>281</b>	
	S2KU	S2MV	K17B	K17L	K17T	
2012	92.6	88.2	92.1	91.9	96.4	
2013	94.3	91.2	93.6	94.1	96.7	
2014	97.5	95.5	96.2	97.7	99.1	
2015	100.0	100.0	100.0	100.0	100.0	
2016	102.5	105.1	104.1	101.7	101.3	
2015 Aug	100.0	99.6	101.0	100.0	99.7	
Sep	100.4	100.8	100.1	100.6	100.0	
Oct	100.5	100.9	100.4	100.6	100.1	
Nov	100.9	101.4	101.4	100.7	100.6	
Dec	101.2	102.2	101.4	100.9	101.1	
2016 Jan	101.5	103.4	102.8	100.8	100.9	
Feb	102.0	103.4	102.8	101.5	101.3	
Mar	101.5	103.4	101.6	101.1	100.9	
Apr	102.0	103.6	103.1	101.8	100.9	
May	102.0	104.5	102.2	101.4	101.1	
Jun	102.3	104.4	103.0	101.7	101.3	
Jul	102.5	104.1	104.6	101.7	101.6	
Aug	102.8	105.6	105.2	101.9	101.5	
Sep	103.1	106.3	105.8	102.1	101.5	
Oct	103.2	107.3	105.5	102.0	101.5	
Nov	103.4	107.5	104.9	102.3	101.6	
Dec	103.6	107.2	107.2	102.3	101.7	
2017 Jan	103.4	105.8	104.6	103.0	102.0	
Feb	103.3	106.8	104.4	102.6	101.8	
Mar	103.8	106.6	106.2	102.9	102.1	
Apr	103.6	107.1	105.5	102.5	102.3	
May	103.9	107.3	106.0	103.1	102.2	
Jun	104.3	107.7	107.3	103.2	102.2	
Jul	104.1	107.9	106.1	103.3	102.2	
Aug	104.3	107.8	106.2	103.6	102.3	
<b>Percentage change, latest year on previous year</b>						
	S222	S243	K177	K17G	K17O	
2012	2.7	1.7	2.2	3.7	2.0	
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	5.1	4.1	1.7	1.3	
<b>Percentage change, latest month on same month a year ago</b>						
	S26Q	S28R	K17A	K17I	K17Q	
2015 Aug	2.1	3.7	4.3	2.0	0.3	
Sep	2.4	4.5	3.0	2.6	0.5	
Oct	1.5	4.2	1.3	1.5	-0.2	
Nov	1.9	3.6	3.0	1.6	0.7	
Dec	2.2	4.0	3.4	1.5	1.4	
2016 Jan	2.5	5.5	4.4	1.4	1.5	
Feb	2.7	4.7	3.8	2.3	1.6	
Mar	2.2	4.3	3.2	1.7	1.3	
Apr	2.2	4.0	4.0	1.9	0.8	
May	2.3	5.2	2.5	1.8	1.1	
Jun	2.4	4.5	2.7	2.0	1.4	
Jul	2.5	3.8	4.0	1.9	1.8	
Aug	2.9	6.1	4.1	1.9	1.8	
Sep	2.7	5.5	5.7	1.4	1.5	
Oct	2.7	6.3	5.1	1.3	1.4	
Nov	2.4	5.9	3.5	1.6	1.0	
Dec	2.4	4.9	5.7	1.4	0.6	
2017 Jan	1.8	2.3	1.7	2.2	1.1	
Feb	1.4	3.3	1.5	1.1	0.5	
Mar	2.2	3.1	4.5	1.7	1.2	
Apr	1.6	3.4	2.3	0.7	1.4	
May	1.9	2.7	3.7	1.6	1.1	
Jun	2.0	3.1	4.2	1.5	0.9	
Jul	1.6	3.6	1.5	1.5	0.6	
Aug	1.4	2.0	0.9	1.7	0.8	

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

Industry sections (SIC2007)					
Section	Total service industries	Distribution hotels and restaurants	Transport, storage and communication	Business services and finance	Government and other services
	G-T	G and I	H and J	K-N	O-T
<b>2015 weights</b>	<b>1000</b>	<b>173</b>	<b>132</b>	<b>415</b>	<b>281</b>

**Percentage change, latest month on previous month**

	S222	S243	KI77	KI7G	KI7O
2015 Aug	-0.1	-0.8	0.5	0.1	-0.2
Sep	0.5	1.2	-0.9	0.7	0.4
Oct	0.1	0.2	0.3	-	-
Nov	0.4	0.5	0.9	0.1	0.5
Dec	0.3	0.7	0.1	0.1	0.5
2016 Jan	0.3	1.2	1.4	-0.1	-0.2
Feb	0.4	-0.1	-	0.7	0.4
Mar	-0.4	-	-1.2	-0.4	-0.4
Apr	0.5	0.2	1.4	0.6	-
May	-0.1	0.8	-0.9	-0.4	0.2
Jun	0.3	-	0.8	0.3	0.2
Jul	0.2	-0.3	1.5	-	0.3
Aug	0.4	1.4	0.6	0.1	-0.1
Sep	0.3	0.7	0.5	0.2	-
Oct	0.1	0.9	-0.2	-0.1	-
Nov	0.1	0.2	-0.6	0.3	0.1
Dec	0.3	-0.3	2.2	-	0.1
2017 Jan	-0.2	-1.3	-2.5	0.7	0.3
Feb	-0.1	0.9	-0.2	-0.4	-0.2
Mar	0.4	-0.2	1.8	0.3	0.2
Apr	-0.1	0.5	-0.7	-0.4	0.2
May	0.3	0.1	0.5	0.5	-
Jun	0.3	0.4	1.3	0.2	-
Jul	-0.1	0.1	-1.2	0.1	-0.1
Aug	0.2	-0.1	0.1	0.3	0.1

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

	S2G6	S2I7	KI7C	KI7J	KI7R
2015 Aug	2.4	4.7	4.4	2.0	0.7
Sep	2.3	4.5	3.9	2.1	0.5
Oct	2.0	4.2	2.9	2.0	0.2
Nov	1.9	4.1	2.4	1.9	0.3
Dec	1.8	4.0	2.6	1.5	0.6
2016 Jan	2.2	4.4	3.6	1.5	1.2
Feb	2.5	4.7	3.9	1.7	1.5
Mar	2.5	4.8	3.8	1.8	1.5
Apr	2.4	4.3	3.7	2.0	1.2
May	2.2	4.5	3.2	1.8	1.1
Jun	2.3	4.6	3.1	1.9	1.1
Jul	2.4	4.5	3.1	1.9	1.4
Aug	2.6	4.8	3.6	1.9	1.7
Sep	2.7	5.1	4.6	1.7	1.7
Oct	2.8	6.0	4.9	1.5	1.6
Nov	2.6	5.9	4.7	1.5	1.3
Dec	2.5	5.7	4.8	1.5	1.0
2017 Jan	2.2	4.4	3.6	1.7	0.9
Feb	1.9	3.5	2.9	1.6	0.7
Mar	1.8	2.9	2.6	1.7	1.0
Apr	1.7	3.3	2.8	1.2	1.0
May	1.9	3.1	3.5	1.3	1.2
Jun	1.8	3.1	3.4	1.3	1.1
Jul	1.8	3.1	3.1	1.5	0.9
Aug	1.7	2.9	2.2	1.6	0.8

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continued

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<b>Percentage change, latest 3 months on previous 3 months</b>						
	S2BG	S2DH	KI7D	KI7K	KI7S	
2015 Aug	0.4	0.6	1.5	0.2	-0.1	
Sep	0.4	0.6	0.9	0.4	-0.1	
Oct	0.4	0.6	0.4	0.7	-	
Nov	0.7	1.1	-	0.8	0.4	
Dec	0.7	1.3	0.5	0.6	0.8	
2016 Jan	0.9	1.9	1.3	0.4	1.0	
Feb	1.0	1.9	1.7	0.4	0.9	
Mar	0.8	1.9	1.3	0.4	0.4	
Apr	0.6	1.1	0.6	0.7	0.1	
May	0.3	0.8	-0.1	0.4	-0.2	
Jun	0.4	0.8	0.3	0.5	0.1	
Jul	0.4	0.9	0.7	0.1	0.3	
Aug	0.7	0.9	1.9	0.3	0.5	
Sep	0.7	1.1	2.4	0.2	0.4	
Oct	0.8	2.0	2.2	0.3	0.1	
Nov	0.7	2.2	1.1	0.3	0.1	
Dec	0.6	1.9	0.7	0.3	0.1	
2017 Jan	0.4	0.4	-	0.5	0.3	
Feb	0.2	-0.4	-	0.5	0.3	
Mar	0.1	-0.8	-0.8	0.6	0.4	
Apr	0.1	-	-0.2	0.1	0.3	
May	0.3	0.4	0.5	0.2	0.3	
Jun	0.4	0.9	1.2	0.1	0.3	
Jul	0.5	0.7	1.1	0.5	0.2	
Aug	0.4	0.7	0.6	0.5	0.1	

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)						
	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>2015 weights</b>	<b>1000</b>	<b>173</b>	<b>132</b>	<b>415</b>	<b>281</b>	
	S2KU	S2MV	KI7B	KI7L	KI7T	
2012	-	-	-	-	-	-
2013	-	-	-	-	-	-
2014	-	-	-	-	-	-
2015	-	-	-	-	-	-
2016	-	-	-	-	-	-
2015 Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-
Oct	-	-	-	-	-	-
Nov	-	-	-	-	-	-
Dec	-	-	-	-	-	-
2016 Jan	-	-	-	-	-	-
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-
Oct	-	-	-	-	-	-
Nov	-	-	-	-	-	-
Dec	-	-	-	-	-	-
2017 Jan	-	-	-	-	-	-
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	0.1	0.1	0.5	0.1	-0.1	
<b>Percentage change, latest year on previous year</b>						
	S222	S243	KI77	KI7G	KI7O	
2012	-	-	-	-	-	-
2013	-	-	-	-	-	-
2014	-	-	-	-	-	-
2015	-	-	-	-	-	-
2016	-	-	-	-	-	-
<b>Percentage change, latest month on same month a year ago</b>						
	S26Q	S28R	KI7A	KI7I	KI7Q	
2015 Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-
Oct	-	-	-	-	-	-
Nov	-	-	-	-	-	-
Dec	-	-	-	-	-	-
2016 Jan	-	-	-	-	-	-
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-
Oct	-	-	-	-	-	-
Nov	-	-	-	-	-	-
Dec	-	-	-	-	-	-
2017 Jan	-	-	-	-	-	-
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	0.1	0.1	0.5	0.1	-	

The earliest period open for revision is July 2017

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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>2015 weights</b>	<b>1000</b>	<b>173</b>	<b>132</b>	<b>415</b>	<b>281</b>

**Percentage change, latest month on previous month**

	S222	S243	KI77	KI7G	KI7O
2015 Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2016 Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-	-	-	-	-
May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2017 Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-	-	-	-	-
May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	0.1	0.1	0.4	0.1	-0.1

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

	S2G6	S2I7	KI7C	KI7J	KI7R
2015 Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2016 Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-	-	-	-	-
May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2017 Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-	-	-	-	-
May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	0.1	-	-

The earliest period open for revision is July 2017

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# RIOS1

IOS: Index of Services

Revisions since previously published estimates

seasonally adjusted 2015 = 100

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>2015 weights</b>	<b>1000</b>	<b>173</b>	<b>132</b>	<b>415</b>	<b>281</b>
<b>Percentage change, latest 3 months on previous 3 months</b>					
	S2BG	S2DH	KI7D	KI7K	KI7S
2015 Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2016 Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-	-	-	-	-
May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2017 Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-	-	-	-	-
May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	0.2	-	-

The earliest period open for revision is July 2017

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

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
2015 weights	24	43	69	23	7
	S2KW	S2KX	S2KY	KFV6	S2L5
2012	75.3	85.3	91.7	87.5	88.4
2013	83.7	92.3	92.5	88.7	91.8
2014	91.3	97.3	96.1	95.6	97.1
2015	100.0	100.0	100.0	100.0	100.0
2016	110.5	102.3	104.8	101.0	107.0
2015 Aug	99.4	100.8	99.3	100.0	101.2
Sep	101.5	98.7	101.6	100.5	101.1
Oct	101.9	100.1	100.4	100.6	102.8
Nov	102.8	99.7	102.1	101.8	102.7
Dec	107.1	101.2	100.9	100.5	100.5
2016 Jan	108.7	101.2	103.6	101.0	103.9
Feb	110.6	100.4	102.7	100.9	106.7
Mar	110.7	100.8	102.6	98.1	104.4
Apr	110.7	101.4	103.0	102.0	105.2
May	109.2	100.9	105.1	99.7	106.9
Jun	109.4	102.1	103.7	100.8	108.1
Jul	106.8	100.6	105.6	100.2	109.0
Aug	109.9	102.3	105.9	101.5	108.7
Sep	113.4	103.0	105.8	102.4	109.2
Oct	112.5	103.7	107.8	102.5	108.2
Nov	110.9	104.8	107.4	101.2	106.4
Dec	113.0	106.5	104.9	102.0	107.1
2017 Jan	110.8	103.4	104.6	102.3	108.1
Feb	109.9	104.5	106.1	102.2	111.6
Mar	114.4	103.4	104.6	102.6	112.9
Apr	107.1	104.3	107.2	101.0	114.6
May	111.2	103.9	106.3	102.8	115.4
Jun	112.1	106.1	106.6	99.3	116.4
Jul	112.0	104.5	107.1	100.3	117.3
Aug	111.2	104.3	108.0	100.0	117.5
<b>Percentage change, latest year on previous year</b>					
	S224	S225	S226	KFV5	S22B
2012	7.4	-1.3	0.5	-0.7	6.5
2013	11.2	8.2	0.9	1.4	3.9
2014	9.1	5.4	3.9	7.7	5.8
2015	9.5	2.8	4.0	4.6	2.9
2016	10.5	2.3	4.8	1.0	7.0
<b>Percentage change, latest month on same month a year ago</b>					
	S26S	S26T	S26U	KF16	S26Z
2015 Aug	7.7	3.0	2.8	2.6	3.2
Sep	9.8	-1.0	6.0	3.1	3.0
Oct	9.2	0.9	3.5	1.4	4.6
Nov	8.5	-	4.0	2.2	5.0
Dec	12.4	2.5	1.8	1.7	2.5
2016 Jan	14.6	1.5	4.8	2.1	6.2
Feb	13.5	1.5	3.8	1.6	13.6
Mar	15.6	1.1	3.5	-0.9	6.6
Apr	12.9	1.1	3.3	2.6	4.8
May	10.2	1.4	5.7	-0.1	6.4
Jun	8.2	2.0	3.8	0.6	7.8
Jul	5.7	-0.6	5.6	0.4	7.9
Aug	10.6	1.5	6.7	1.5	7.4
Sep	11.7	4.3	4.2	1.8	8.0
Oct	10.3	3.6	7.4	1.9	5.2
Nov	7.9	5.2	5.2	-0.6	3.5
Dec	5.5	5.3	4.0	1.5	6.6
2017 Jan	1.9	2.2	1.0	1.2	4.1
Feb	-0.7	4.0	3.3	1.3	4.6
Mar	3.4	2.6	1.9	4.5	8.2
Apr	-3.2	2.8	4.1	-0.9	9.0
May	1.9	3.0	1.1	3.1	8.0
Jun	2.5	4.0	2.9	-1.5	7.7
Jul	4.9	3.9	1.5	0.2	7.6
Aug	1.2	1.9	2.0	-1.6	8.1

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](#)

# IOSCOMP

IOS: Index of Services

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

seasonally adjusted 2015 = 100

continued

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>2015 weights</b>	<b>24</b>	<b>43</b>	<b>69</b>	<b>23</b>	<b>7</b>

## Percentage change, latest month on previous month

	S224	S225	S226	KFV5	S22B
2015 Aug	-1.6	-0.4	-0.6	0.2	0.2
Sep	2.1	-2.1	2.3	0.5	-0.1
Oct	0.4	1.4	-1.2	-	1.7
Nov	0.9	-0.4	1.7	1.3	-0.1
Dec	4.2	1.5	-1.2	-1.3	-2.2
2016 Jan	1.5	-	2.7	0.5	3.4
Feb	1.8	-0.7	-0.8	-0.1	2.7
Mar	0.1	0.4	-0.1	-2.7	-2.1
Apr	-	0.6	0.4	3.9	0.8
May	-1.4	-0.6	2.1	-2.3	1.6
Jun	0.2	1.2	-1.4	1.1	1.1
Jul	-2.4	-1.4	1.8	-0.6	0.8
Aug	2.9	1.7	0.3	1.4	-0.2
Sep	3.2	0.6	-0.1	0.8	0.4
Oct	-0.9	0.7	1.8	0.1	-0.9
Nov	-1.4	1.1	-0.4	-1.2	-1.7
Dec	1.9	1.6	-2.4	0.8	0.7
2017 Jan	-2.0	-2.9	-0.2	0.2	1.0
Feb	-0.8	1.0	1.5	-0.1	3.2
Mar	4.2	-1.0	-1.5	0.4	1.2
Apr	-6.3	0.8	2.5	-1.5	1.5
May	3.8	-0.4	-0.9	1.7	0.7
Jun	0.8	2.2	0.3	-3.4	0.9
Jul	-0.2	-1.5	0.5	1.1	0.7
Aug	-0.7	-0.2	0.9	-0.4	0.2

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

	S2G8	S2G9	S2GA	KF18	S2GF
2015 Aug	10.1	3.8	3.5	3.4	4.1
Sep	9.5	2.1	4.3	2.9	4.0
Oct	8.9	1.0	4.1	2.3	3.6
Nov	9.2	-	4.5	2.2	4.2
Dec	10.0	1.1	3.1	1.7	4.0
2016 Jan	11.8	1.3	3.6	2.0	4.6
Feb	13.5	1.8	3.5	1.8	7.4
Mar	14.6	1.4	4.0	0.9	8.8
Apr	14.0	1.2	3.5	1.1	8.2
May	12.9	1.2	4.2	0.5	5.9
Jun	10.4	1.5	4.3	1.0	6.3
Jul	8.0	0.9	5.0	0.3	7.3
Aug	8.1	1.0	5.4	0.8	7.7
Sep	9.3	1.7	5.5	1.2	7.8
Oct	10.9	3.2	6.1	1.8	6.9
Nov	10.0	4.4	5.6	1.0	5.6
Dec	7.9	4.7	5.5	0.9	5.1
2017 Jan	5.0	4.2	3.4	0.7	4.7
Feb	2.2	3.8	2.8	1.3	5.1
Mar	1.5	2.9	2.1	2.3	5.6
Apr	-0.2	3.1	3.1	1.6	7.2
May	0.7	2.8	2.4	2.2	8.4
Jun	0.4	3.3	2.7	0.2	8.2
Jul	3.1	3.6	1.8	0.6	7.8
Aug	2.8	3.3	2.1	-1.0	7.8

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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
	45	46	47	49	51
<b>2015 weights</b>	<b>24</b>	<b>43</b>	<b>69</b>	<b>23</b>	<b>7</b>

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

	S2BI	S2BJ	S2BK	KFJ2	S2BP
2015 Aug	3.0	0.8	0.3	0.6	1.3
Sep	1.2	0.2	0.6	0.3	0.7
Oct	0.6	-0.4	0.7	0.5	1.1
Nov	1.6	-1.2	1.7	1.0	1.3
Dec	3.3	0.1	0.9	0.9	0.9
2016 Jan	5.2	0.8	1.8	0.8	0.7
Feb	6.6	1.5	1.0	-0.2	1.5
Mar	5.8	0.5	1.8	-1.0	2.9
Apr	4.2	0.2	0.6	-0.8	3.0
May	1.3	0.1	1.2	-0.9	1.7
Jun	-0.2	0.6	0.9	0.8	1.7
Jul	-2.0	0.3	2.0	-0.1	2.4
Aug	-1.3	0.6	1.4	0.9	2.9
Sep	0.3	0.5	1.8	0.5	2.1
Oct	3.2	1.8	1.6	1.9	0.6
Nov	3.3	2.1	1.9	1.2	-0.6
Dec	1.9	3.0	0.9	0.5	-1.6
2017 Jan	-0.3	1.9	-0.8	-0.3	-1.4
Feb	-1.0	0.9	-1.7	0.1	1.0
Mar	-0.4	-1.2	-1.5	0.4	3.4
Apr	-1.0	-0.8	0.3	0.1	5.5
May	-0.2	-0.9	0.8	-	4.9
Jun	-1.3	1.0	1.5	-1.3	4.2
Jul	1.2	0.7	0.7	-1.1	2.9
Aug	0.8	1.1	1.2	-2.2	2.4

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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
<b>2015 weights</b>	<b>14</b>	<b>8</b>	<b>10</b>	<b>27</b>	<b>20</b>
	S2L6	S2L7	S2L9	S2LA	KFW8
2012	89.8	96.2	84.5	99.1	91.3
2013	92.2	97.8	87.3	94.5	95.5
2014	100.1	97.3	89.6	97.4	91.9
2015	100.0	100.0	100.0	100.0	100.0
2016	96.7	106.4	106.1	104.9	110.4
2015 Aug	100.1	100.3	99.1	98.6	100.8
Sep	101.0	99.9	102.3	100.8	99.2
Oct	97.9	102.6	104.9	101.3	101.1
Nov	97.9	98.8	101.6	101.2	102.8
Dec	95.6	108.5	103.6	102.1	104.8
2016 Jan	96.4	108.3	101.6	102.7	104.6
Feb	96.4	106.4	107.4	101.8	106.2
Mar	95.4	103.9	106.8	101.8	107.6
Apr	98.5	104.6	104.8	102.0	105.8
May	96.3	105.4	105.0	104.3	104.7
Jun	95.8	103.8	105.6	105.4	108.8
Jul	97.0	103.3	104.5	103.7	114.6
Aug	96.9	105.3	106.9	106.0	113.5
Sep	95.7	106.4	104.1	107.6	117.2
Oct	96.3	107.9	107.9	107.0	109.5
Nov	96.6	109.7	109.2	108.2	111.8
Dec	99.5	112.0	109.9	108.1	120.4
2017 Jan	98.4	108.1	105.2	108.6	111.3
Feb	98.3	104.2	102.9	111.0	109.5
Mar	99.0	109.5	103.5	111.2	116.5
Apr	98.3	104.1	106.2	111.7	110.1
May	97.6	110.0	106.2	112.2	113.7
Jun	97.4	109.3	104.9	110.1	118.6
Jul	96.9	108.2	108.0	111.5	107.4
Aug	96.7	109.5	105.1	110.5	111.3
<b>Percentage change, latest year on previous year</b>					
	S22C	S22D	S22F	S22G	KFW7
2012	2.0	-5.7	0.2	5.5	4.6
2013	2.7	1.7	3.3	-4.6	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	-3.3	6.4	6.1	4.9	10.4
<b>Percentage change, latest month on same month a year ago</b>					
	S272	S273	S275	S276	KFM4
2015 Aug	-1.9	4.2	10.5	1.2	9.7
Sep	-1.2	1.0	12.5	2.0	9.0
Oct	-7.2	2.6	14.3	3.3	7.8
Nov	-5.3	-1.2	8.4	2.3	9.3
Dec	-9.0	11.2	10.1	2.7	12.9
2016 Jan	-5.0	9.7	7.7	4.7	7.5
Feb	-4.6	9.8	10.5	2.6	7.8
Mar	-6.0	6.6	5.2	1.4	12.1
Apr	-2.6	5.4	6.8	1.7	8.9
May	-4.4	8.3	7.0	4.8	6.0
Jun	-5.2	4.6	6.3	6.5	6.8
Jul	-3.6	2.0	4.6	4.3	12.5
Aug	-3.2	5.0	7.9	7.5	12.6
Sep	-5.2	6.5	1.7	6.7	18.2
Oct	-1.6	5.2	2.9	5.6	8.4
Nov	-1.3	11.1	7.4	7.0	8.7
Dec	4.0	3.3	6.1	5.9	14.9
2017 Jan	2.0	-0.2	3.5	5.7	6.5
Feb	1.9	-2.1	-4.3	9.0	3.2
Mar	3.8	5.5	-3.1	9.3	8.3
Apr	-0.2	-0.5	1.3	9.5	4.1
May	1.3	4.3	1.2	7.6	8.7
Jun	1.7	5.3	-0.6	4.4	9.0
Jul	-0.1	4.7	3.4	7.5	-6.3
Aug	-0.2	4.0	-1.7	4.3	-1.9

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# IOSCOMP

IOS: Index of Services

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

seasonally adjusted 2015 = 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>2015 weights</b>	<b>14</b>	<b>8</b>	<b>10</b>	<b>27</b>	<b>20</b>

## Percentage change, latest month on previous month

	S22C	S22D	S22F	S22G	KFW7
2015 Aug	-0.6	-1.0	-0.8	-0.8	-1.1
Sep	0.9	-0.4	3.3	2.2	-1.6
Oct	-3.1	2.8	2.6	0.5	1.9
Nov	-	-3.7	-3.1	-0.1	1.7
Dec	-2.3	9.8	1.9	0.9	1.9
2016 Jan	0.8	-0.2	-1.9	0.6	-0.2
Feb	0.1	-1.7	5.7	-0.9	1.5
Mar	-1.1	-2.4	-0.6	-	1.3
Apr	3.2	0.7	-1.8	0.2	-1.6
May	-2.2	0.8	0.1	2.2	-1.1
Jun	-0.6	-1.6	0.6	1.1	4.0
Jul	1.3	-0.4	-1.0	-1.7	5.3
Aug	-0.1	1.9	2.3	2.2	-1.0
Sep	-1.2	1.0	-2.7	1.5	3.3
Oct	0.6	1.5	3.7	-0.5	-6.6
Nov	0.4	1.6	1.2	1.2	2.1
Dec	2.9	2.1	0.7	-0.1	7.7
2017 Jan	-1.1	-3.5	-4.3	0.5	-7.5
Feb	-0.1	-3.6	-2.2	2.2	-1.6
Mar	0.7	5.1	0.6	0.2	6.3
Apr	-0.7	-4.9	2.6	0.4	-5.4
May	-0.7	5.6	-0.1	0.5	3.3
Jun	-0.2	-0.6	-1.2	-1.9	4.3
Jul	-0.5	-1.0	2.9	1.2	-9.4
Aug	-0.2	1.2	-2.7	-0.8	3.6

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

	S2GG	S2GH	S2GJ	S2GK	KFM6
2015 Aug	0.3	3.2	11.8	1.7	11.7
Sep	-0.9	3.1	12.3	1.8	10.1
Oct	-3.5	2.6	12.5	2.2	8.8
Nov	-4.6	0.8	11.7	2.5	8.7
Dec	-7.2	4.1	10.9	2.8	10.0
2016 Jan	-6.4	6.5	8.7	3.2	9.9
Feb	-6.2	10.2	9.4	3.3	9.3
Mar	-5.2	8.7	7.8	2.9	9.1
Apr	-4.4	7.3	7.5	1.9	9.6
May	-4.3	6.8	6.3	2.6	9.0
Jun	-4.1	6.1	6.7	4.3	7.2
Jul	-4.4	4.9	6.0	5.2	8.5
Aug	-4.0	3.9	6.3	6.1	10.7
Sep	-4.0	4.5	4.7	6.1	14.4
Oct	-3.4	5.6	4.1	6.6	13.0
Nov	-2.7	7.5	4.0	6.4	11.7
Dec	0.4	6.4	5.4	6.1	10.7
2017 Jan	1.6	4.5	5.7	6.2	10.0
Feb	2.7	0.4	1.7	6.9	8.2
Mar	2.6	1.0	-1.4	8.0	6.0
Apr	1.8	0.9	-2.0	9.2	5.2
May	1.6	3.1	-0.2	8.8	7.0
Jun	0.9	3.1	0.6	7.1	7.2
Jul	1.0	4.8	1.3	6.5	3.5
Aug	0.5	4.7	0.3	5.4	0.1

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# IOSCOMP

IOS: Index of Services

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

seasonally adjusted 2015 = 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
2015 weights	52	53	55	56	58-60
	14	8	10	27	20

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

	S2BQ	S2BR	S2BT	S2BU	KFM8
2015 Aug	-0.5	2.3	0.2	-1.1	4.3
Sep	-0.4	1.9	1.9	-	1.4
Oct	-1.2	1.7	3.0	1.0	-0.5
Nov	-1.7	0.2	3.5	2.1	-0.5
Dec	-3.4	2.8	3.0	1.9	2.3
2016 Jan	-3.0	4.2	0.2	1.7	3.7
Feb	-2.8	7.3	1.2	1.1	4.1
Mar	-1.1	2.8	1.8	0.6	3.1
Apr	0.2	-0.2	4.0	-0.1	2.4
May	0.6	-2.9	1.3	0.5	0.8
Jun	0.8	-1.5	-0.1	1.8	0.3
Jul	-0.4	-0.8	-1.3	2.5	2.7
Aug	-0.2	-0.5	0.1	2.3	6.0
Sep	-0.3	0.4	-	1.8	8.2
Oct	-0.1	2.3	1.2	2.3	3.7
Nov	-0.3	3.7	1.3	2.4	0.5
Dec	1.0	4.7	3.7	1.9	-1.1
2017 Jan	1.9	3.2	1.7	1.4	1.0
Feb	2.6	0.1	-1.0	1.5	0.8
Mar	1.1	-2.4	-4.7	2.3	-1.3
Apr	0.4	-3.6	-3.6	2.8	-2.2
May	-0.4	-0.2	-0.6	2.3	-0.3
Jun	-0.8	0.5	1.9	1.0	1.5
Jul	-1.2	3.0	2.1	-	1.1
Aug	-1.3	1.0	0.7	-0.9	-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 2015 = 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>2015 weights</b>	<b>23</b>	<b>28</b>	<b>4</b>	<b>51</b>	<b>176</b>
	S2LE	S2LF	S2LG	S2LI	KFW4
2012	105.2	84.9	82.7	108.4	92.3
2013	100.4	87.9	90.9	104.6	94.4
2014	96.0	94.6	95.0	101.3	97.3
2015	100.0	100.0	100.0	100.0	100.0
2016	97.6	112.0	103.0	102.6	100.3
2015 Aug	103.0	102.1	95.4	98.5	100.7
Sep	100.0	100.7	98.7	99.0	100.7
Oct	99.3	101.9	98.3	99.1	100.5
Nov	99.4	104.8	100.0	99.6	100.5
Dec	99.5	103.8	96.0	100.4	100.8
2016 Jan	99.9	108.5	100.7	101.5	100.8
Feb	98.7	107.1	107.5	102.4	101.1
Mar	97.7	106.9	98.7	102.1	100.9
Apr	98.1	108.8	106.4	102.0	100.8
May	94.2	112.1	100.8	102.0	100.3
Jun	97.0	110.8	98.1	102.4	100.4
Jul	96.5	113.6	99.6	102.5	100.2
Aug	96.5	115.2	104.9	102.8	100.2
Sep	97.2	114.1	104.7	103.0	99.8
Oct	98.3	117.6	103.0	103.2	99.8
Nov	97.2	114.6	106.6	103.3	99.8
Dec	99.7	114.5	104.4	103.3	99.8
2017 Jan	98.4	111.1	105.5	104.4	100.2
Feb	96.6	113.7	102.1	104.6	100.3
Mar	96.1	115.0	103.9	104.4	100.2
Apr	99.3	116.0	104.8	105.0	100.3
May	96.7	114.4	107.7	105.2	100.4
Jun	98.4	119.2	106.2	105.1	100.4
Jul	100.6	119.2	105.7	105.4	100.4
Aug	98.6	118.5	107.9	105.6	100.6
<b>Percentage change, latest year on previous year</b>	S22K	S22L	S22M	S22O	KFW3
2012	-0.2	6.0	9.5	-0.7	3.3
2013	-4.5	3.5	9.9	-3.5	2.3
2014	-4.4	7.7	4.5	-3.2	3.1
2015	4.2	5.7	5.2	-1.2	2.8
2016	-2.4	12.0	3.0	2.6	0.3
<b>Percentage change, latest month on same month a year ago</b>	S27A	S27B	S27C	S27E	KFK8
2015 Aug	7.8	6.3	1.0	-1.9	3.0
Sep	3.6	4.5	3.6	-0.9	2.9
Oct	2.2	3.4	-1.0	-2.0	2.4
Nov	3.0	8.2	2.5	-2.3	2.5
Dec	3.1	6.9	-3.0	-2.7	2.7
2016 Jan	3.0	11.7	1.2	-0.8	2.1
Feb	-0.8	9.2	5.4	0.3	2.3
Mar	-3.3	11.4	-1.8	0.7	1.8
Apr	-1.8	10.7	6.7	1.3	0.8
May	-7.4	14.8	-6.4	2.4	0.4
Jun	-3.6	12.0	-2.6	3.7	0.3
Jul	-2.6	12.9	-1.9	4.1	-0.2
Aug	-6.3	12.9	10.0	4.4	-0.5
Sep	-2.7	13.4	6.1	4.0	-0.9
Oct	-0.9	15.4	4.8	4.2	-0.7
Nov	-2.3	9.3	6.7	3.7	-0.7
Dec	0.2	10.3	8.8	2.9	-0.9
2017 Jan	-1.5	2.4	4.8	2.8	-0.5
Feb	-2.1	6.2	-5.0	2.1	-0.8
Mar	-1.7	7.6	5.2	2.3	-0.7
Apr	1.2	6.6	-1.5	2.9	-0.5
May	2.7	2.1	6.8	3.1	0.1
Jun	1.5	7.6	8.2	2.6	-
Jul	4.2	4.9	6.1	2.7	0.3
Aug	2.2	2.8	2.8	2.7	0.4

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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
2015 weights	61	62	63	64	68
	23	28	4	51	176

**Percentage change, latest month on previous month**

	S22K	S22L	S22M	S22O	KFW3
2015 Aug	4.0	1.4	-6.0	-	0.3
Sep	-2.9	-1.4	3.5	0.5	-
Oct	-0.7	1.2	-0.4	0.1	-0.2
Nov	0.2	2.8	1.7	0.5	-
Dec	0.1	-0.9	-4.0	0.8	0.2
2016 Jan	0.4	4.5	4.9	1.1	-
Feb	-1.2	-1.3	6.8	0.8	0.4
Mar	-1.0	-0.2	-8.2	-0.3	-0.2
Apr	0.4	1.8	7.8	-0.1	-0.2
May	-3.9	3.0	-5.3	-	-0.4
Jun	2.9	-1.1	-2.6	0.4	-
Jul	-0.5	2.6	1.5	0.1	-0.2
Aug	-0.1	1.4	5.3	0.3	-
Sep	0.8	-0.9	-0.2	0.2	-0.4
Oct	1.2	3.0	-1.6	0.2	-
Nov	-1.2	-2.6	3.6	-	-
Dec	2.7	-	-2.1	-	0.1
2017 Jan	-1.4	-3.0	1.0	1.1	0.4
Feb	-1.8	2.4	-3.2	0.2	0.1
Mar	-0.6	1.1	1.7	-0.2	-0.1
Apr	3.3	0.8	0.9	0.5	0.1
May	-2.5	-1.3	2.7	0.2	0.1
Jun	1.7	4.1	-1.4	-0.1	-
Jul	2.2	-	-0.4	0.3	-
Aug	-1.9	-0.6	2.0	0.2	0.1

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

	S2GO	S2GP	S2GQ	S2GS	KFL2
2015 Aug	5.2	5.4	2.4	-2.2	2.9
Sep	5.0	5.4	3.0	-1.8	2.9
Oct	4.5	4.7	1.2	-1.6	2.8
Nov	2.9	5.3	1.7	-1.7	2.6
Dec	2.8	6.1	-0.5	-2.3	2.6
2016 Jan	3.0	8.9	0.2	-1.9	2.4
Feb	1.7	9.3	1.2	-1.1	2.3
Mar	-0.4	10.8	1.6	0.1	2.1
Apr	-2.0	10.4	3.4	0.8	1.6
May	-4.2	12.3	-0.7	1.5	1.0
Jun	-4.3	12.5	-0.9	2.5	0.5
Jul	-4.5	13.2	-3.7	3.4	0.2
Aug	-4.2	12.6	1.7	4.1	-0.1
Sep	-3.9	13.0	4.6	4.2	-0.5
Oct	-3.4	13.9	6.9	4.2	-0.7
Nov	-2.0	12.7	5.8	4.0	-0.8
Dec	-1.0	11.6	6.7	3.6	-0.8
2017 Jan	-1.2	7.3	6.7	3.1	-0.7
Feb	-1.1	6.2	2.6	2.6	-0.8
Mar	-1.8	5.4	1.5	2.4	-0.7
Apr	-0.8	6.8	-0.6	2.5	-0.7
May	0.7	5.4	3.4	2.8	-0.4
Jun	1.8	5.4	4.4	2.9	-0.1
Jul	2.8	4.9	7.0	2.8	0.1
Aug	2.6	5.1	5.6	2.7	0.2

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

seasonally adjusted 2015 = 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
<b>2015 weights</b>	<b>23</b>	<b>28</b>	<b>4</b>	<b>51</b>	<b>176</b>

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

	S2BY	S2BZ	S2C2	S2C4	KFL4
2015 Aug	-	3.3	-3.3	-1.9	0.7
Sep	-0.1	2.9	-4.1	-1.0	0.6
Oct	0.3	2.5	-5.7	-0.1	0.5
Nov	-1.3	1.9	-0.2	0.7	0.2
Dec	-1.2	2.4	-0.5	1.1	-
2016 Jan	-1.1	4.1	1.5	1.7	0.1
Feb	-0.2	3.9	2.4	2.2	0.3
Mar	-0.7	3.9	4.3	2.3	0.4
Apr	-1.5	1.8	5.4	1.6	0.3
May	-2.7	2.6	0.6	0.6	-0.2
Jun	-2.4	2.8	-0.5	0.1	-0.4
Jul	-2.3	4.2	-4.5	0.2	-0.7
Aug	-	3.6	-1.0	0.6	-0.4
Sep	0.3	3.4	1.3	0.6	-0.4
Oct	1.5	3.1	4.7	0.7	-0.3
Nov	1.0	2.0	3.8	0.6	-0.4
Dec	1.7	1.1	1.6	0.5	-0.2
2017 Jan	1.1	-1.9	1.3	0.6	-
Feb	0.7	-2.0	-0.7	0.9	0.3
Mar	-1.4	-2.0	-0.8	1.2	0.4
Apr	-1.1	1.3	-1.8	1.0	0.3
May	-0.9	1.8	1.4	0.7	0.2
Jun	1.1	2.9	2.3	0.6	0.1
Jul	1.3	2.4	2.8	0.5	0.2
Aug	1.9	3.3	1.1	0.5	0.2

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continued

Industry components (SIC2007)

Component	Other professional service activities	Other professional scientific and technical activities	Administrative and support service activities	Public admin and defence; compulsory social security	Education
	69-71	73-75	77-82	84	85
<b>2015 weights</b>	<b>70</b>	<b>19</b>	<b>58</b>	<b>60</b>	<b>77</b>
	KFX6	KFY2	S2LZ	S2M9	S2MB
2012	82.9	91.0	82.2	105.8	95.7
2013	88.7	91.6	86.4	103.4	96.5
2014	94.7	97.6	94.6	101.8	98.3
2015	100.0	100.0	100.0	100.0	100.0
2016	103.7	106.8	103.1	98.6	100.0
2015 Aug	99.7	98.6	101.3	99.4	100.2
Sep	102.0	99.9	101.2	99.3	100.2
Oct	101.9	102.2	101.5	99.2	100.0
Nov	101.6	102.4	101.1	99.2	100.3
Dec	101.4	104.0	100.5	99.2	100.5
2016 Jan	99.8	105.9	101.2	99.1	100.4
Feb	101.8	102.7	103.1	99.0	100.8
Mar	102.4	101.6	101.8	98.7	99.7
Apr	104.4	106.6	102.8	98.6	99.2
May	103.2	106.9	101.9	98.4	99.7
Jun	104.0	106.4	102.7	98.4	99.7
Jul	103.7	106.5	103.2	98.5	99.7
Aug	103.8	106.2	103.1	98.5	99.8
Sep	104.3	107.5	104.7	98.5	100.0
Oct	104.9	108.5	104.1	98.5	100.2
Nov	106.7	109.7	104.4	98.5	100.4
Dec	105.6	113.0	103.9	98.5	100.6
2017 Jan	108.4	106.1	105.0	98.5	100.9
Feb	106.4	105.2	104.8	98.5	101.2
Mar	107.5	103.2	105.8	98.5	101.2
Apr	107.3	103.5	103.6	98.4	101.3
May	108.1	107.1	105.2	98.4	101.4
Jun	108.2	108.5	105.0	98.3	101.5
Jul	109.2	106.7	104.6	98.3	101.7
Aug	109.7	107.7	105.1	98.2	101.8

Percentage change, latest year on previous year

	KFX5	KFX9	S237	S23F	S23H
2012	3.7	8.0	7.8	-1.3	3.3
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	3.7	6.8	3.1	-1.4	-

Percentage change, latest month on same month a year ago

	KFO6	KFO2	S27V	S285	S287
2015 Aug	4.7	0.3	6.0	-2.4	1.5
Sep	6.6	1.6	6.0	-2.4	1.5
Oct	3.2	4.9	3.8	-2.8	1.0
Nov	4.1	-0.6	4.9	-2.6	1.3
Dec	3.8	2.8	2.7	-2.3	1.4
2016 Jan	2.3	4.6	3.9	-2.0	0.9
Feb	4.0	4.5	5.4	-2.0	1.3
Mar	4.7	0.6	2.2	-2.1	0.1
Apr	4.9	11.3	3.1	-2.3	-0.8
May	2.6	9.3	3.7	-2.0	-0.3
Jun	3.6	5.8	3.1	-1.5	-0.4
Jul	3.9	8.1	1.3	-1.0	-0.4
Aug	4.1	7.8	1.7	-0.9	-0.4
Sep	2.2	7.5	3.4	-0.8	-0.2
Oct	3.0	6.2	2.6	-0.7	0.1
Nov	4.9	7.2	3.2	-0.7	0.1
Dec	4.1	8.7	3.3	-0.7	0.1
2017 Jan	8.7	0.2	3.8	-0.6	0.6
Feb	4.5	2.4	1.6	-0.5	0.4
Mar	5.0	1.6	4.0	-0.2	1.5
Apr	2.7	-2.9	0.8	-0.2	2.1
May	4.8	0.2	3.2	-	1.7
Jun	4.1	2.0	2.3	-	1.8
Jul	5.3	0.2	1.4	-0.2	2.0
Aug	5.7	1.4	2.0	-0.3	2.0

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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 administration and defence; compulsory social security 84	Education 85
<b>2015 weights</b>	<b>70</b>	<b>19</b>	<b>58</b>	<b>60</b>	<b>77</b>

Percentage change, latest month on previous month

	KFX5	KFX9	S237	S23F	S23H
2015 Aug	-0.1	0.1	-0.6	-0.1	0.1
Sep	2.3	1.4	-0.1	-0.1	-
Oct	-0.2	2.2	0.2	-0.1	-0.2
Nov	-0.2	0.2	-0.3	-	0.2
Dec	-0.2	1.6	-0.6	-	0.2
2016 Jan	-1.7	1.9	0.7	-0.1	-0.1
Feb	2.0	-3.0	1.9	-0.1	0.4
Mar	0.6	-1.1	-1.3	-0.3	-1.1
Apr	2.0	5.0	1.0	-0.1	-0.5
May	-1.2	0.3	-0.9	-0.2	0.5
Jun	0.8	-0.5	0.8	-	-0.1
Jul	-0.3	0.1	0.5	0.1	0.1
Aug	0.1	-0.2	-0.2	-	0.1
Sep	0.5	1.2	1.6	-	0.2
Oct	0.5	1.0	-0.5	-	0.2
Nov	1.7	1.1	0.3	-	0.2
Dec	-1.0	2.9	-0.5	-	0.2
2017 Jan	2.7	-6.1	1.1	-	0.3
Feb	-1.8	-0.8	-0.3	-	0.2
Mar	1.0	-2.0	1.0	-	-
Apr	-0.2	0.4	-2.2	-0.1	0.1
May	0.7	3.4	1.6	-0.1	0.1
Jun	0.2	1.3	-0.1	-	0.1
Jul	0.9	-1.6	-0.4	-0.1	0.2
Aug	0.5	1.0	0.4	-	0.1

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

	KFO8	KFO4	S2HB	S2HJ	S2HL
2015 Aug	5.4	0.9	5.7	-2.1	1.5
Sep	5.5	0.3	5.9	-2.3	1.5
Oct	4.8	2.3	5.3	-2.5	1.4
Nov	4.6	1.9	4.9	-2.6	1.3
Dec	3.7	2.3	3.8	-2.6	1.2
2016 Jan	3.4	2.3	3.8	-2.3	1.2
Feb	3.4	4.0	4.0	-2.1	1.2
Mar	3.7	3.3	3.8	-2.0	0.8
Apr	4.6	5.4	3.6	-2.1	0.2
May	4.1	7.0	3.0	-2.1	-0.3
Jun	3.7	8.8	3.3	-2.0	-0.5
Jul	3.4	7.7	2.7	-1.5	-0.4
Aug	3.9	7.2	2.0	-1.2	-0.4
Sep	3.4	7.8	2.1	-0.9	-0.3
Oct	3.1	7.1	2.6	-0.8	-0.2
Nov	3.4	7.0	3.1	-0.7	-
Dec	4.0	7.4	3.1	-0.7	0.1
2017 Jan	5.9	5.3	3.5	-0.7	0.3
Feb	5.7	3.7	2.9	-0.6	0.3
Mar	6.1	1.4	3.1	-0.4	0.8
Apr	4.1	0.3	2.1	-0.3	1.3
May	4.2	-0.4	2.7	-0.1	1.7
Jun	3.8	-0.3	2.1	-0.1	1.9
Jul	4.7	0.8	2.3	-0.1	1.8
Aug	5.0	1.2	1.9	-0.2	1.9

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continued

Industry components (SIC2007)					
	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, latest 3 months on previous 3 months

	KFP2	KFQ6	S2CL	S2CT	S2CV
2015 Aug	0.7	1.0	1.8	-1.1	0.3
Sep	0.3	1.0	2.3	-1.0	0.2
Oct	1.0	1.3	1.4	-0.6	0.1
Nov	1.9	2.3	0.3	-0.4	-
Dec	1.1	3.9	-0.4	-0.2	0.1
2016 Jan	-0.2	3.8	-0.4	-0.1	0.2
Feb	-0.8	2.7	0.3	-0.1	0.4
Mar	-0.3	0.6	1.0	-0.3	-
Apr	1.9	-0.4	1.6	-0.5	-0.4
May	2.3	0.8	0.5	-0.6	-1.0
Jun	2.5	3.1	0.4	-0.5	-0.7
Jul	0.7	2.9	0.1	-0.3	-0.2
Aug	0.5	1.3	0.8	-0.1	0.2
Sep	0.1	0.1	1.2	0.1	0.3
Oct	0.7	0.8	1.3	0.1	0.3
Nov	1.4	2.1	1.4	-	0.4
Dec	1.7	3.4	0.5	-	0.5
2017 Jan	2.4	2.0	0.5	-	0.6
Feb	1.4	-0.4	0.1	-	0.7
Mar	1.7	-5.0	1.0	-	0.7
Apr	0.2	-5.1	0.3	-	0.6
May	0.8	-3.2	0.3	-0.1	0.4
Jun	0.4	1.5	-0.6	-0.1	0.3
Jul	1.3	3.3	0.2	-0.1	0.3
Aug	1.3	2.9	-	-0.1	0.4

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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
2015 weights	93	19	27	5
	S2MC	S2MG	S2ML	S2MQ
2012	93.0	101.3	86.0	104.8
2013	95.3	97.7	86.3	107.1
2014	98.7	99.9	95.9	101.4
2015	100.0	100.0	100.0	100.0
2016	102.9	96.2	106.2	118.9
2015 Aug	100.4	97.7	99.5	87.2
Sep	100.4	100.5	100.5	95.0
Oct	100.5	98.7	100.8	104.2
Nov	100.7	100.0	102.5	114.1
Dec	100.9	103.9	103.4	116.4
2016 Jan	101.9	97.6	102.9	113.1
Feb	102.5	95.1	106.1	112.6
Mar	102.6	93.7	105.6	113.6
Apr	102.7	93.6	106.7	117.9
May	102.6	95.4	106.3	121.0
Jun	102.8	97.8	106.3	122.4
Jul	103.0	98.7	107.2	123.1
Aug	103.2	94.7	107.6	123.2
Sep	103.2	96.7	106.5	121.3
Oct	103.3	95.9	106.3	120.8
Nov	103.3	96.6	106.6	120.4
Dec	103.4	98.1	106.2	117.2
2017 Jan	103.7	97.6	107.8	117.3
Feb	103.9	94.4	106.5	117.4
Mar	104.0	95.6	107.5	119.5
Apr	104.1	98.5	106.3	120.6
May	104.3	97.0	105.5	125.3
Jun	104.4	96.2	105.9	124.1
Jul	104.6	94.0	106.1	122.9
Aug	104.7	93.1	107.5	121.0
<b>Percentage change, latest year on previous year</b>				
	S23I	S23M	S23R	S23W
2012	3.8	6.6	-3.5	5.4
2013	2.5	-3.5	0.2	2.1
2014	3.6	2.3	11.2	-5.3
2015	1.3	0.1	4.2	-1.3
2016	2.9	-3.8	6.2	18.9
<b>Percentage change, latest month on same month a year ago</b>				
	S288	S28C	S28H	S28M
2015 Aug	1.3	-1.4	2.2	-6.7
Sep	0.8	2.4	2.3	-
Oct	0.1	-	-	5.7
Nov	0.4	3.0	3.7	13.4
Dec	1.4	3.6	4.8	19.3
2016 Jan	2.9	0.6	5.2	14.7
Feb	3.8	-5.9	6.6	12.7
Mar	3.8	-7.5	7.5	11.6
Apr	3.0	-7.1	7.9	15.6
May	2.6	-4.5	7.4	21.8
Jun	2.5	-1.9	6.5	30.8
Jul	2.5	-0.7	7.1	39.9
Aug	2.8	-3.1	8.1	41.3
Sep	2.9	-3.7	5.9	27.6
Oct	2.8	-2.9	5.5	15.9
Nov	2.6	-3.4	4.1	5.5
Dec	2.5	-5.6	2.7	0.7
2017 Jan	1.7	-	4.7	3.7
Feb	1.3	-0.7	0.4	4.2
Mar	1.3	2.0	1.8	5.2
Apr	1.4	5.2	-0.3	2.3
May	1.6	1.7	-0.8	3.5
Jun	1.6	-1.7	-0.4	1.4
Jul	1.5	-4.8	-1.1	-0.1
Aug	1.4	-1.6	-0.1	-1.8

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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>2015 weights</b>	<b>93</b>	<b>19</b>	<b>27</b>	<b>5</b>

**Percentage change, latest month on previous month**

	S23I	S23M	S23R	S23W
2015 Aug	-	-1.7	-0.5	-0.9
Sep	-0.1	2.9	1.0	9.0
Oct	0.1	-1.7	0.2	9.6
Nov	0.2	1.3	1.7	9.5
Dec	0.3	3.9	0.9	1.9
2016 Jan	1.0	-6.0	-0.5	-2.8
Feb	0.6	-2.6	3.1	-0.5
Mar	0.1	-1.4	-0.5	0.9
Apr	-	-0.1	1.0	3.8
May	-	2.0	-0.3	2.7
Jun	0.1	2.5	-	1.1
Jul	0.3	0.9	0.9	0.5
Aug	0.2	-4.1	0.4	0.1
Sep	-	2.2	-1.0	-1.6
Oct	0.1	-0.9	-0.1	-0.4
Nov	-	0.7	0.3	-0.3
Dec	0.1	1.6	-0.4	-2.6
2017 Jan	0.3	-0.5	1.5	0.1
Feb	0.2	-3.3	-1.2	-
Mar	0.1	1.3	0.9	1.8
Apr	0.1	3.0	-1.1	0.9
May	0.1	-1.4	-0.8	3.8
Jun	0.1	-0.9	0.4	-0.9
Jul	0.2	-2.3	0.2	-0.9
Aug	0.1	-0.9	1.4	-1.6

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

	S2HM	S2HQ	S2HV	S2I2
2015 Aug	1.8	-0.9	3.2	-4.8
Sep	1.3	-0.1	2.5	-4.2
Oct	0.7	0.3	1.5	-0.2
Nov	0.4	1.8	2.0	6.5
Dec	0.6	2.2	2.8	12.8
2016 Jan	1.6	2.4	4.6	15.8
Feb	2.7	-0.6	5.5	15.6
Mar	3.5	-4.4	6.4	13.0
Apr	3.6	-6.9	7.3	13.3
May	3.2	-6.4	7.6	16.3
Jun	2.7	-4.5	7.3	22.5
Jul	2.5	-2.3	7.0	30.5
Aug	2.6	-1.9	7.2	37.2
Sep	2.7	-2.5	7.1	36.0
Oct	2.8	-3.2	6.5	27.5
Nov	2.7	-3.3	5.2	15.6
Dec	2.6	-4.0	4.1	7.1
2017 Jan	2.3	-3.0	3.8	3.3
Feb	1.8	-2.2	2.6	2.9
Mar	1.4	0.4	2.3	4.4
Apr	1.4	2.2	0.6	3.9
May	1.5	3.0	0.2	3.7
Jun	1.6	1.7	-0.5	2.4
Jul	1.6	-1.6	-0.7	1.6
Aug	1.5	-2.7	-0.5	-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 2015 = 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
2015 weights	93	19	27	5

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

	S2CW	S2D2	S2D7	S2DC
2015 Aug	0.9	-1.7	1.1	-11.4
Sep	0.5	-1.0	0.8	-8.4
Oct	0.2	-0.7	0.6	2.0
Nov	0.1	0.8	1.5	16.6
Dec	0.2	1.7	2.2	23.9
2016 Jan	0.7	1.6	2.6	20.0
Feb	1.3	-0.8	2.9	9.1
Mar	1.7	-5.3	2.6	1.4
Apr	1.4	-6.3	3.1	0.1
May	0.8	-4.7	1.9	3.0
Jun	0.3	0.2	1.5	6.5
Jul	0.2	3.4	0.4	6.5
Aug	0.4	3.0	0.8	4.6
Sep	0.5	1.1	0.6	1.7
Oct	0.4	-1.6	0.2	-0.3
Nov	0.2	-0.7	-0.5	-1.7
Dec	0.1	0.2	-0.7	-2.5
2017 Jan	0.2	1.8	0.1	-2.8
Feb	0.4	0.3	0.3	-2.9
Mar	0.5	-1.0	0.8	-1.2
Apr	0.5	-1.3	-0.1	0.7
May	0.5	0.3	-0.4	3.8
Jun	0.4	1.4	-1.3	4.5
Jul	0.4	-0.4	-0.9	4.1
Aug	0.4	-2.7	0.1	0.7

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