Statistical bulletin

Index of Services, UK: June 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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Release date:
24 August 2017

Next release:
29 September 2017

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1 . Main points

- Services output increased by 0.5% in Quarter 2 (Apr to June) 2017 compared with Quarter 1 (Jan to Mar) 2017; following growth of 0.1% between Quarter 4 (Oct to Dec) 2016 and Quarter 1 2017.

- The largest contribution to quarterly growth came from the transport, storage and communication sector, which contributed 0.17 percentage points; the largest industry contribution came from retail sales, which contributed 0.11 percentage points.

- The Index of Services increased by 0.4% between May and June 2017.

- The largest contribution to the month-on-month growth came from the transport, storage and communication sector, which contributed 0.18 percentage points of which motion pictures contributed 0.11 percentage points.

- Services output increased by 2.5% in June 2017 compared with June 2016, following growth of 2.5% in May 2017 compared with May 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 78.8% of UK GDP in 2013.

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.

Data relating to the retail industry are broadly comparable with Retail sales in Great Britain: July 2017, published on 17 August 2017.

This June 2017 release contains revisions from April 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 and the longer-term trend

Table 1 shows data for the Index of Services (IoS) and each of the main components for June 2017

Table 1: Index of Services main figures, June 2017

UK   Percentage Change

	Percentage of Services [1]	Index number (2013 = 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	111.4	2.5	2.3	0.4	0.5
Distribution, hotels and restaurants	17.3	118.3	3.3	3.5	0.3	0.9
Transport, storage and communication	13.5	114.9	4.5	3.9	1.3	1.2
Business services and finance	40.3	111.8	2.1	1.9	0.3	0.3
Government and other services	29.0	105.2	1.4	1.4	0.2	0.4

Source: Office for National Statistics

Notes:

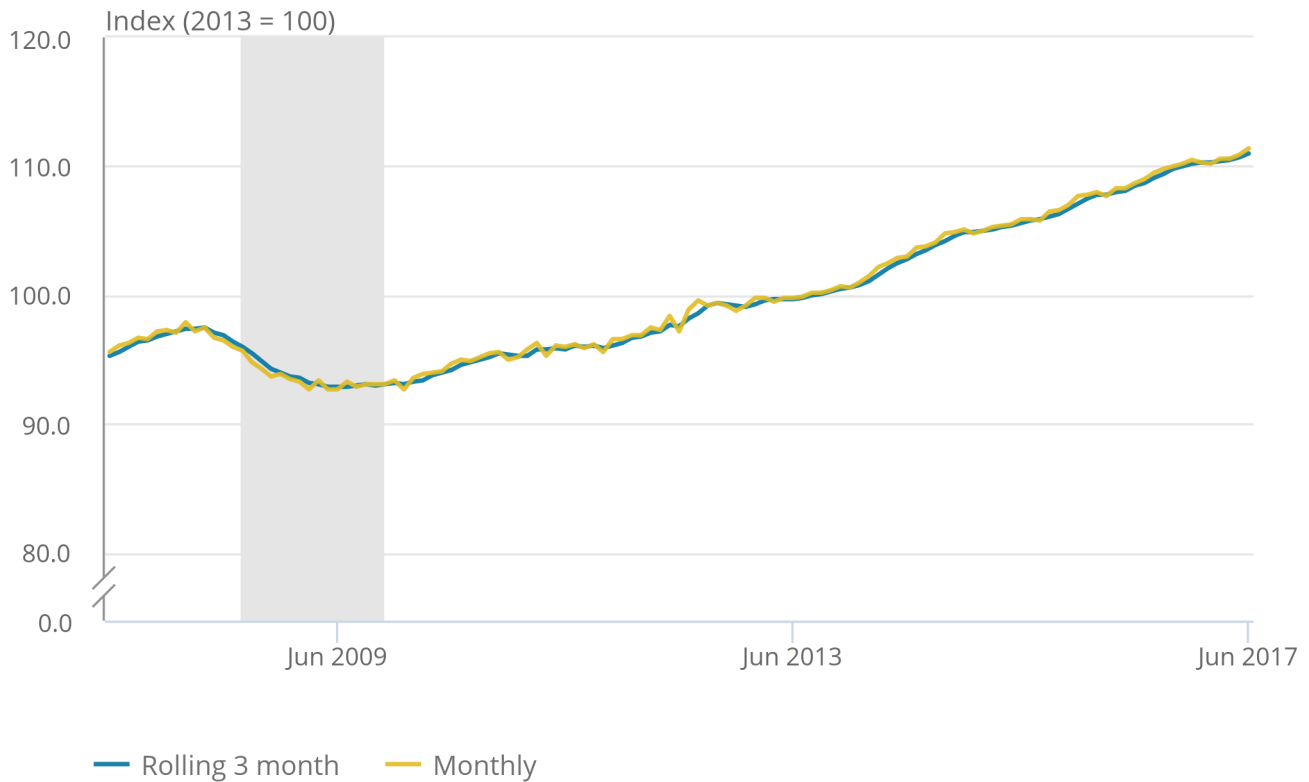1. Components may not sum to 100% due to rounding.

Figure 1 shows the seasonally adjusted index time series for the IoS 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 3-month on 3-month growth rates.

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

UK

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

UK

Index (2013 = 100)

Economic downturn
Quarter 2 (Apr to June) 2008
to Quarter 2 2009

| Rolling 3 month | Monthly |

Source: Office for National Statistics
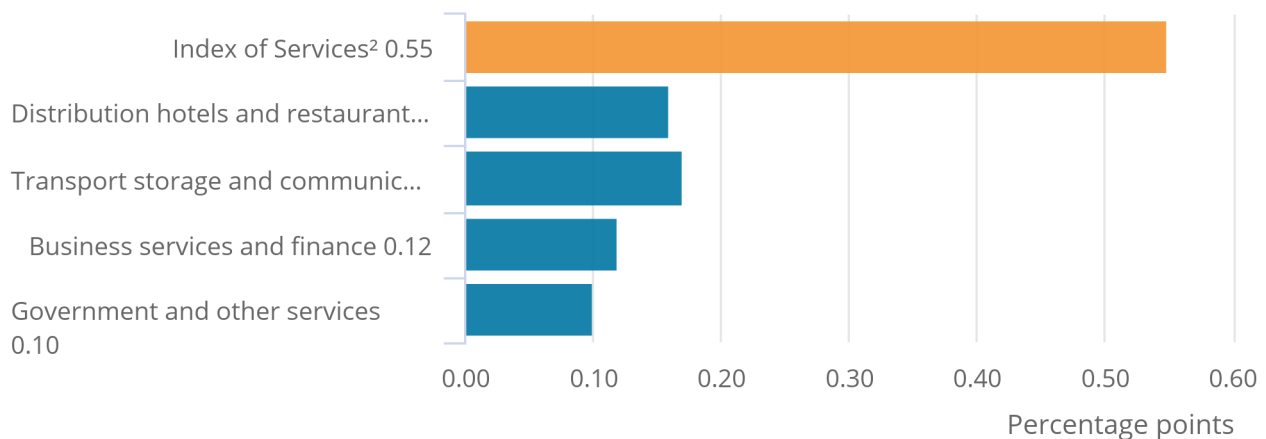
4 . Quarter-on-quarter services growth increases

During Quarter 2 (Apr to June) 2017, services output increased by 0.5% following a rise of 0.1% during Quarter 1 (Jan to Mar) 2017.This is unrevised from the estimates used in the Gross domestic product, preliminary estimate: Apr to June 2017.

Figure 2: Contributions[1] to growth in services between Quarter 1 (Jan to Mar) 2017 and Quarter 2 (Apr to June) 2017

UK

Figure 2: Contributions^1^ to growth in services between Quarter 1 (Jan to Mar) 2017 and Quarter 2 (Apr to June) 2017

UK

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 most recent quarter compared with the previous quarter. In order of their contribution to growth:

*   transport, storage and communication increased by 1.2%, contributing 0.17 percentage points

*   distribution, hotels and restaurants increased by 0.9%, contributing 0.16 percentage points

*   business services and finance increased by 0.3%, contributing 0.12 percentage points

*   government and other services increased by 0.4%, contributing 0.10 percentage points

The main sector driving Index of Services (IoS) growth is transport, storage and communication, with motion pictures increasing by 6.7%, contributing 0.07 percentage points. Further information on the high-grossing films in June 2017 can be found on the British Film Institute (BFI) website. In addition, computer programming grew by 1.1%, contributing 0.04 percentage points, air transport grew by 4.8%, contributing 0.03 percentage points, and telecommunications grew by 1.4%, contributing 0.03 percentage points to headline growth.

Retail trade was the largest industry contributing to the positive growth in the distribution, hotels and restaurants sector and headline IoS, increasing by 1.5%, contributing 0.11 percentage points. Please see the Retail sales in Great Britain: July 2017 release for more information. In contrast, motor trades partially offset this and decreased by 1.0%, contributing negative 0.03 percentage points. Further information on car registrations can be found on the Society of Motor Manufacturers and Traders (SMMT) website.

Office administration was the largest contributor to growth in the business services and finance sector, increasing by 4.1%, contributing 0.07 percentage points. In addition, imputed rent increased by 0.3%, contributing 0.04 percentage points.

The largest positive contributions to the government and other services sector came from human health activities and education. Human health activities grew by 0.7% and education by 0.5%, contributing 0.05 and 0.04 percentage points respectively. However, this growth was partially offset by other personal services activities, which fell by 3.7%, contributing negative 0.05 percentage points.

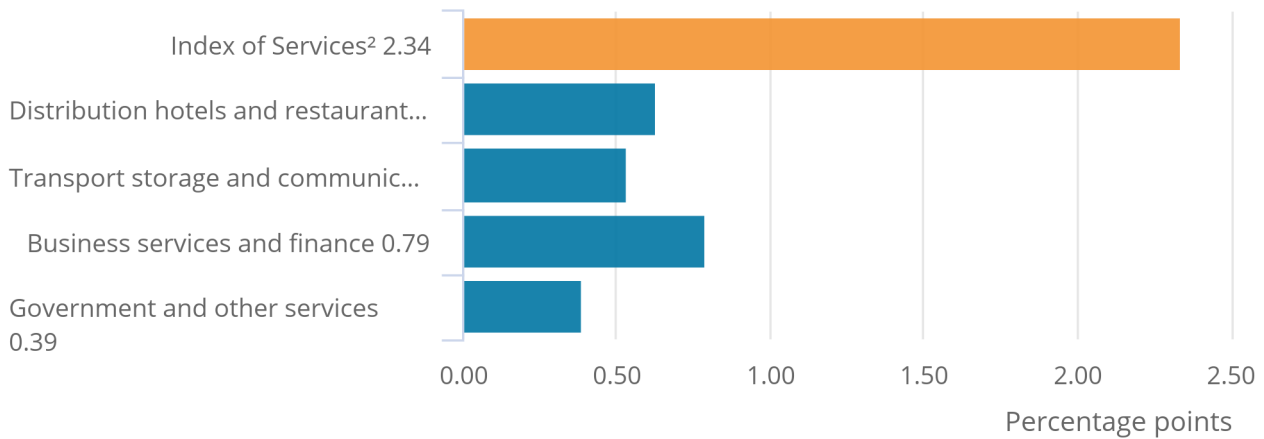# 5 . Services grew by 2.3% between Quarter 2 (Apr to June) 2016 and Quarter 2 2017

Figure 3 shows services output increased by 2.3% in Quarter 2 (Apr to June) 2017 compared with Quarter 2 2016.

Figure 3: Contributions[1] to growth in services between Quarter 2 (Apr to June) 2016 and Quarter 2 2017

UK

Figure 3: Contributions^1^ to growth in services between Quarter 2 (Apr to June) 2016 and Quarter 2 2017

UK

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 quarter compared with the same quarter last year. In order of their contribution to growth:

- business services and finance increased by 1.9%, contributing 0.79 percentage points

- distribution, hotels and restaurants increased by 3.5%, contributing 0.63 percentage points

- transport, storage and communication increased by 3.9%, contributing 0.53 percentage points

- government and other services increased by 1.4%, contributing 0.39 percentage points

Industries contributing to the 2.3% rise were:

- food and beverage activities (restaurants and public houses), which increased by 8.2%, contributing 0.22 percentage points

- retail trade, which increased by 3.0%, contributing 0.22 percentage points

- motion pictures, which increased by 23.3%, contributing 0.22 percentage points

6 . Month-on-month services growth increased in June 2017

During June 2017, services output increased by 0.4% following a rise of 0.3% during May 2017. This is the strongest month-on-month growth since August 2016.

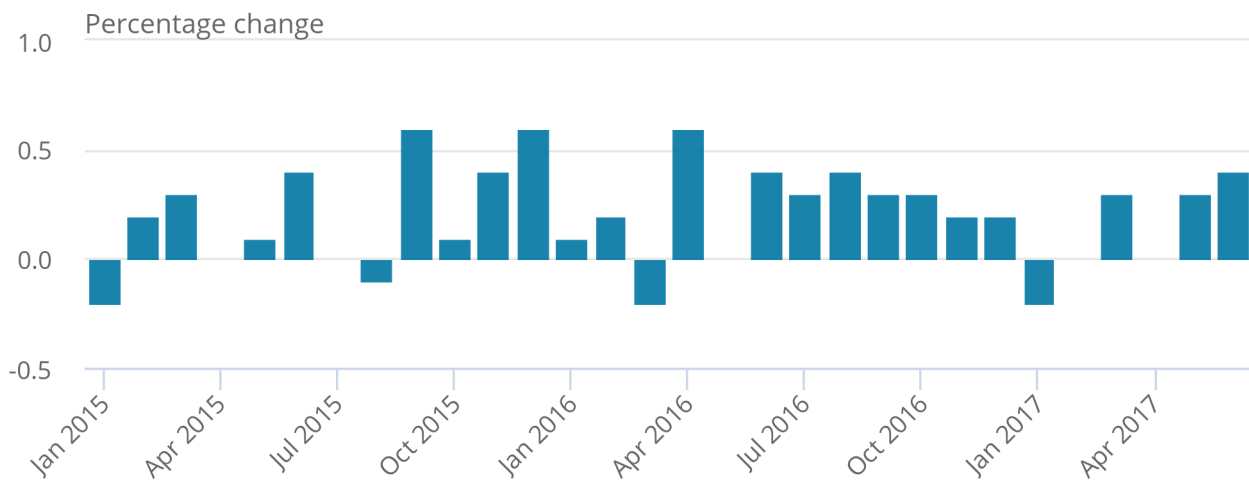Figure 4 shows the pattern of Index of Services (IoS) headline growth rates since January 2015 and Figure 5 shows the month-on-month contributions of each of the main IoS components.

Figure 4: Index of Services headline growth rates from January 2015 to June 2017

UK

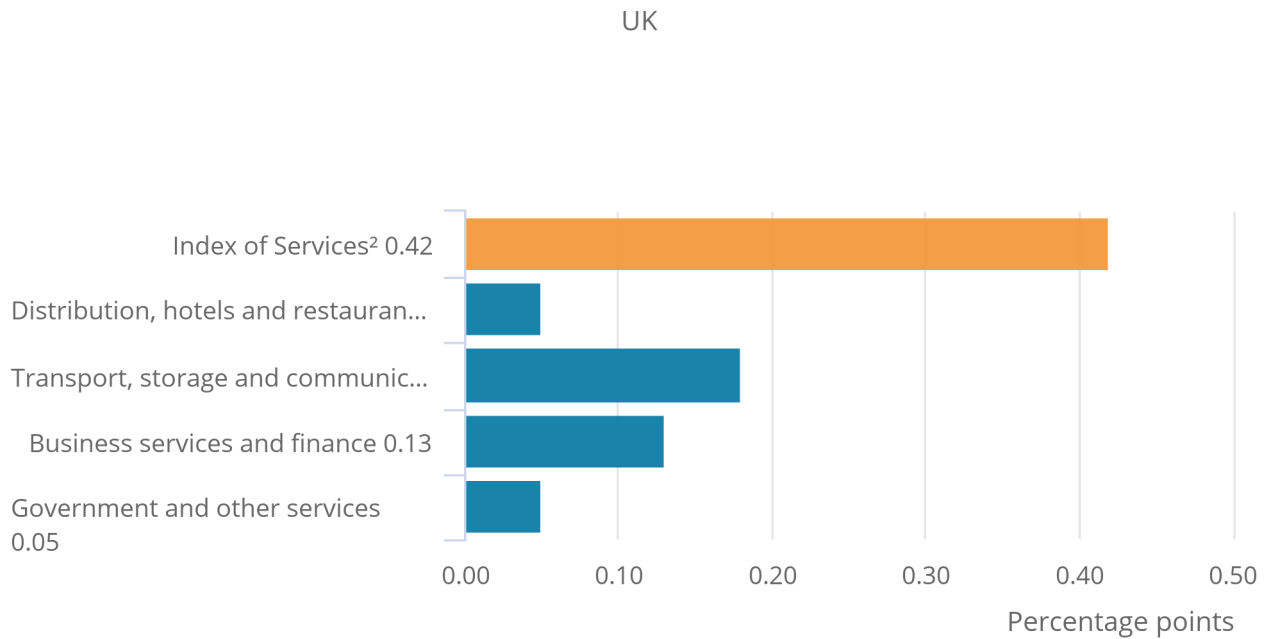Figure 4: Index of Services headline growth rates from January 2015 to June 2017

UK

Source: Office for National Statistics

Figure 5: Contributions[1] to growth in services between May 2017 and June 2017

UK

Figure 5: Contributions^1^ to growth in services between May 2017 and June 2017

UK

Index of Services² 0.42
Distribution, hotels and restauran...
Transport, storage and communic...
Business services and finance 0.13
Government and other services 0.05

Percentage points

Source: Office for National Statistics

Notes:

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

2. Percentage change.

All four main components of the services industries increased in the most recent month compared with the previous month. In order of their contribution to growth:

- transport, storage and communication increased by 1.3%, contributing 0.18 percentage points

- business services and finance increased by 0.3%, contributing 0.13 percentage points

- distribution, hotels and restaurants increased by 0.3%, contributing 0.05 percentage points

- government and other services increased by 0.2%, contributing 0.05 percentage points

The largest industries contributing to the 0.4% rise in June 2017 were:

- motion pictures, which increased by 9.6%, contributing 0.11 percentage points

- computer programming, which increased by 2.0%, contributing 0.07 percentage points

- wholesale trade, which increased by 1.4%, contributing 0.06 percentage points

- scientific research and development, which increased by 6.4%, contributing 0.05 percentage points

- telecommunications, which increased by 1.9%, contributing 0.04 percentage points

Further to the motion pictures detail provided in section 5 of the UK index of services: May 2017 bulletin, more information can be provided on the breakdown of film industry turnover. This is displayed in the UK Non-Financial Business Economy (Annual Business Survey) Section A-S dataset within the Annual Business Survey, UK non-financial business economy: 2015 revised results bulletin.

Here, motion picture, video and television production, and post-production (UK Standard Industrial Classification (SIC) 2007 59.11 and 59.12 respectively) in 2015 accounted for 62.3% of the total turnover of motion picture, video and television activities (UK SIC 2007 59.1); distribution (UK SIC 2007 59.13) accounted for 29.4% and projection (UK SIC 2007 59.14) made up the remaining 8.3%.

Based on approximate gross value added at basic prices (aGVA), motion picture, video and television production, and post-production in 2015 accounted for 47.8% of motion picture, video and television activities; distribution accounted for 41.2% and projection 10.9%. For clarity, sound recording and music publishing activities (UK SIC 2007 59.2) are not included in these calculations.

Furthermore, it should be noted that, although comparisons can be made to the British Film Industry (BFI) Statistical Yearbook, it's likely that Annual Business Survey data will have revised previous periods and the BFI statistical yearbook data does not include television production and distribution in its turnover. While the ABS estimates give an indication of the weight of each industry within motion pictures as at 2015, information for the most recent period is not available from this data source. Therefore it should be noted that the composition of these industries may have changed over time.

More detail on individual components can be found in the Index of Services publication tables dataset.
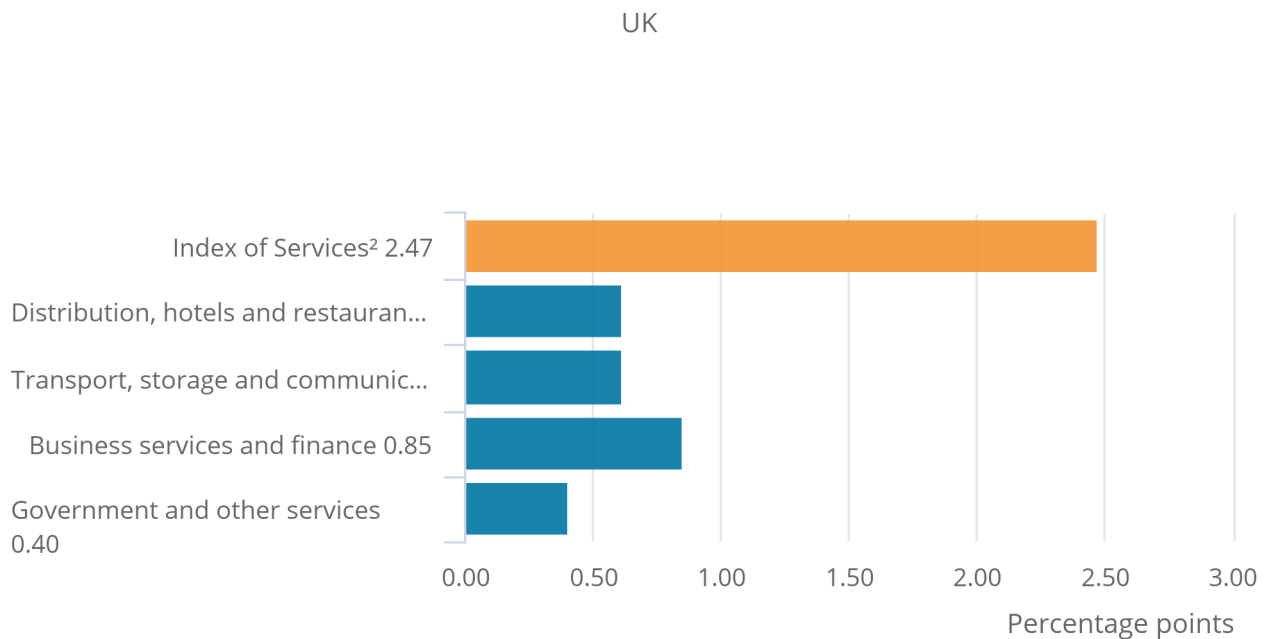
7 . Services grew by 2.5% between June 2016 and June 2017

Figure 6 shows services output increased by 2.5% in June 2017 compared with June 2016, following growth of 2.5% in May 2017 compared with May 2016.

Figure 6: Contributions[1] to growth in services between June 2016 and June 2017

UK

Figure 6: Contributions^1^ to growth in services between June 2016 and June 2017

UK

	Percentage points
Index of Services² 2.47	(orange bar to ~2.47)
Distribution, hotels and restauran…	(bar to ~0.61)
Transport, storage and communic…	(bar to ~0.61)
Business services and finance 0.85	(bar to ~0.85)
Government and other services 0.40	(bar to ~0.40)

0.00   0.50   1.00   1.50   2.00   2.50   3.00

Percentage points

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 month compared with the same month last year. In order of their contribution to growth:

- business services and finance increased by 2.1%, contributing 0.85 percentage points

- transport, storage and communication increased by 4.5%, contributing 0.61 percentage points

- distribution, hotels and restaurants increased by 3.3%, contributing 0.61 percentage points

- government and other services increased by 1.4%, contributing 0.40 percentage points

Industries contributing to the 2.5% rise in June 2017 were:

- motion pictures, which increased by 25.6%, contributing 0.25 percentage points

- retail trade, which increased by 3.2%, contributing 0.23 percentage points

- computer programming, which increased by 5.2%, contributing 0.19 percentage points

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

With a weight of 78.8% in 2013, the services industries are the largest industrial grouping in the output approach to measuring gross domestic product (GDP).

Also published today (24 August 2017) is the UK GDP, second estimate: April to June 2017, reporting that GDP in Quarter 2 (Apr to June) 2017 increased by 0.3% compared with the previous quarter. The services aggregate was the dominant contributor to the quarter-on-quarter percentage change in GDP, contributing 0.43 percentage points. Production and construction contributed negative percentage points of 0.05 and 0.08 respectively. Agriculture contributed 0.00 percentage points to the headline figure.

9 . Links to related statistics

Tables such as response rates and revisions, previously found in the background notes, can now 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 also produces services output estimates, but only on a quarterly basis, with a 4-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.

10 . Upcoming changes

In the next release of Index of Services (IoS), the Monthly Business Survey, which underpins the current prices data feeding into this release, will contain new imputation methodology for survey non-response back to January 2016. For respondents that do not return data in a month, the value is imputed using a ratio imputation method called the mean of ratios.

The new method, referred to as the ratio of means, is more stable and reduces imputation bias. An article will be published next month on 8 September 2017 detailing the impact.

We launched a public [consultation](), which closes on 14 September 2017, to seek views on an alternative model for our publications of gross domestic product (GDP) estimates. In summary, this model would give two balanced estimates of quarterly GDP using data from the output, income and expenditure approaches around 6 and 13 weeks after the end of the preceding quarter. The Index of Services publication date would be moved 2 weeks earlier and become part of the short-term economic indicator theme day, enabling a monthly GDP estimate.

[VAT turnover implementation into National Accounts: June Update]() was published on 1 June 2017. This update explains that 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.

11 . Feedback on this bulletin

We welcome your feedback on this bulletin via our [short survey]().

12 . 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 78.8% 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

- 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

IOS1

IOS: Index of Services [1]
Chained volume indices of gross value added [2,3,4]

seasonally adjusted 2013 = 100

	Total service industries	Distribution hotels and restaurants	Transport, storage and communication	Business services and finance	Govern- ment and other services
Section	G-T	G and I	H and J	K-N	O-T
2013 weights	**1000**	**173**	**135**	**403**	**290**
	S2KU	S2MV	KI7B	KI7L	KI7T
2012	98.3	96.6	98.3	97.9	99.7
2013	100.0	100.0	100.0	100.0	100.0
2014	103.3	104.8	103.0	103.9	101.7
2015	106.0	109.5	106.8	106.9	102.2
2016	109.0	115.1	110.8	109.5	103.8
2015 Jun	105.9	109.5	107.2	106.6	102.2
Jul	105.9	109.8	106.8	106.7	102.2
Aug	105.8	109.1	107.2	106.6	102.1
Sep	106.5	110.5	106.9	107.5	102.5
Oct	106.6	110.6	107.4	107.7	102.5
Nov	107.0	111.1	108.1	107.9	102.9
Dec	107.7	111.7	109.3	108.4	103.5
2016 Jan	107.8	112.9	109.4	108.2	103.5
Feb	108.0	113.2	109.1	108.6	103.6
Mar	107.7	113.2	107.5	108.5	103.5
Apr	108.3	113.7	109.4	109.2	103.5
May	108.3	114.2	108.7	109.0	103.6
Jun	108.7	114.5	109.9	109.4	103.7
Jul	109.0	114.3	111.5	109.7	103.9
Aug	109.5	115.6	112.4	109.9	103.9
Sep	109.8	116.3	112.4	110.2	104.0
Oct	110.0	117.8	112.6	110.2	104.0
Nov	110.2	118.0	112.2	110.6	104.2
Dec	110.5	117.5	114.4	110.5	104.4
2017 Jan	110.3	116.4	111.9	111.1	104.7
Feb	110.2	117.6	111.4	110.8	104.6
Mar	110.6	117.2	113.2	111.1	104.7
Apr	110.6	118.0	112.5	110.8	105.0
May	110.9	117.9	113.4	111.4	105.0
Jun	111.4	118.3	114.9	111.8	105.2

Percentage change, latest year on previous year

	S222	S243	KI77	KI7G	KI7O
2012	2.4	1.6	2.1	3.2	1.9
2013	1.8	3.5	1.8	2.1	0.3
2014	3.3	4.8	3.0	3.9	1.7
2015	2.6	4.5	3.7	2.9	0.5
2016	2.9	5.1	3.7	2.4	1.6

Percentage change, latest month on same month a year ago

	S26Q	S28R	KI7A	KI7I	KI7Q
2015 Jun	2.8	4.8	4.3	3.0	0.6
Jul	2.2	4.8	3.2	2.2	0.1
Aug	2.0	3.5	3.0	2.4	-
Sep	2.3	4.3	2.6	2.6	0.4
Oct	1.7	4.1	1.7	1.8	0.2
Nov	2.1	3.6	3.2	1.8	1.0
Dec	2.5	3.7	3.9	2.0	1.6
2016 Jan	2.8	5.2	3.9	2.0	2.1
Feb	2.8	4.9	3.1	2.4	1.9
Mar	2.3	4.2	2.0	1.9	1.7
Apr	2.8	4.5	3.5	2.7	1.6
May	2.7	5.2	2.2	2.5	1.5
Jun	2.6	4.5	2.5	2.6	1.5
Jul	2.9	4.1	4.4	2.8	1.7
Aug	3.4	5.9	4.8	3.0	1.7
Sep	3.1	5.3	5.2	2.5	1.5
Oct	3.2	6.5	4.8	2.4	1.5
Nov	3.0	6.2	3.7	2.5	1.3
Dec	2.6	5.2	4.7	2.0	0.8
2017 Jan	2.3	3.1	2.4	2.7	1.2
Feb	2.1	3.9	2.1	2.0	1.0
Mar	2.7	3.5	5.3	2.4	1.2
Apr	2.1	3.8	2.8	1.5	1.4
May	2.5	3.2	4.3	2.2	1.4
Jun	2.5	3.3	4.5	2.1	1.4

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.
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

IOS1
continued

IOS: Index of Services [1]
Chained volume indices of gross value added [2,3,4]

seasonally adjusted 2013 = 100

			Industry sections (SIC2007)		
	Total service industries	Distribution hotels and restaurants	Transport, storage and communication	Business services and finance	Govern-ment and other services
Section	G-T	G and I	H and J	K-N	O-T
2013 weights	**1000**	**173**	**135**	**403**	**290**

Percentage change, latest month on previous month

	S222	S243	KI77	KI7G	KI7O
2015 Jun	0.4	0.9	0.8	0.3	0.2
Jul	-	0.2	-0.4	0.1	-
Aug	-0.1	-0.6	0.4	-0.1	-
Sep	0.6	1.2	-0.3	0.8	0.3
Oct	0.1	0.1	0.4	0.1	-
Nov	0.4	0.5	0.7	0.2	0.4
Dec	0.6	0.6	1.1	0.4	0.6
2016 Jan	0.1	1.1	0.1	-0.1	-0.1
Feb	0.2	0.2	-0.2	0.3	0.1
Mar	-0.2	-	-1.5	-0.1	-0.1
Apr	0.6	0.4	1.7	0.6	-
May	-	0.4	-0.7	-0.2	0.1
Jun	0.4	0.2	1.1	0.4	0.1
Jul	0.3	-0.2	1.5	0.2	0.2
Aug	0.4	1.2	0.7	0.2	-
Sep	0.3	0.6	0.1	0.3	0.1
Oct	0.3	1.3	0.1	-	-
Nov	0.2	0.2	-0.4	0.4	0.2
Dec	0.2	-0.4	2.0	-0.1	0.1
2017 Jan	-0.2	-1.0	-2.2	0.5	0.3
Feb	-	1.0	-0.5	-0.3	-0.2
Mar	0.3	-0.4	1.7	0.3	0.2
Apr	-	0.7	-0.7	-0.3	0.2
May	0.3	-0.1	0.8	0.5	0.1
Jun	0.4	0.3	1.3	0.3	0.2

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

	S2G6	S2I7	KI7C	KI7J	KI7R
2015 Jun	2.7	4.5	4.1	3.1	0.3
Jul	2.5	4.6	3.8	2.7	0.3
Aug	2.3	4.4	3.5	2.5	0.2
Sep	2.1	4.2	2.9	2.4	0.1
Oct	2.0	4.0	2.5	2.2	0.2
Nov	2.0	4.0	2.5	2.1	0.5
Dec	2.1	3.8	2.9	1.9	0.9
2016 Jan	2.5	4.1	3.7	1.9	1.5
Feb	2.7	4.6	3.7	2.1	1.9
Mar	2.6	4.8	3.0	2.1	1.9
Apr	2.6	4.5	2.9	2.3	1.7
May	2.6	4.6	2.6	2.4	1.6
Jun	2.7	4.7	2.7	2.6	1.5
Jul	2.8	4.6	3.0	2.6	1.6
Aug	3.0	4.8	3.9	2.8	1.6
Sep	3.1	5.1	4.8	2.8	1.6
Oct	3.2	5.9	4.9	2.6	1.5
Nov	3.1	6.0	4.6	2.4	1.4
Dec	2.9	6.0	4.4	2.3	1.2
2017 Jan	2.6	4.8	3.6	2.4	1.1
Feb	2.3	4.1	3.1	2.2	1.0
Mar	2.3	3.5	3.2	2.4	1.1
Apr	2.3	3.7	3.4	2.0	1.2
May	2.4	3.5	4.2	2.1	1.3
Jun	2.3	3.5	3.9	1.9	1.4

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Section	G-T	G and I	H and J	K-N	O-T
2013 weights	**1000**	**173**	**135**	**403**	**290**

Percentage change, latest 3 months on previous 3 months

	S2BG	S2DH	KI7D	KI7K	KI7S
2015 Jun	0.5	0.9	0.9	0.2	0.5
Jul	0.5	0.7	1.1	0.2	0.4
Aug	0.5	0.7	1.2	0.3	0.3
Sep	0.5	0.8	0.5	0.5	0.2
Oct	0.5	0.7	0.3	0.7	0.2
Nov	0.8	1.1	0.4	1.0	0.5
Dec	1.0	1.2	1.2	0.9	0.7
2016 Jan	1.1	1.7	1.6	0.8	0.9
Feb	1.0	1.7	1.6	0.6	0.8
Mar	0.7	1.8	0.4	0.4	0.5
Apr	0.5	1.3	-0.2	0.6	0.2
May	0.3	1.0	-0.7	0.5	-
Jun	0.6	0.9	0.6	0.7	0.1
Jul	0.6	0.8	1.3	0.6	0.2
Aug	0.9	0.9	2.5	0.7	0.3
Sep	0.9	1.1	2.6	0.7	0.3
Oct	1.0	2.0	2.2	0.7	0.2
Nov	0.9	2.2	1.0	0.6	0.2
Dec	0.8	2.0	0.8	0.5	0.3
2017 Jan	0.5	0.6	0.3	0.6	0.5
Feb	0.3	-0.1	0.2	0.4	0.4
Mar	0.1	-0.6	-0.8	0.5	0.4
Apr	0.1	0.3	-0.4	0.2	0.3
May	0.3	0.5	0.4	0.3	0.3
Jun	0.5	0.9	1.2	0.3	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.
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)			
	Total service industries	Distribution hotels and restaurants	Transport, storage and communication	Business services and finance	Govern- ment and other services
Section	G-T	G and I	H and J	K-N	O-T
2013 weights	**1000**	**173**	**135**	**403**	**290**
	S2KU	S2MV	KI7B	KI7L	KI7T
2012	-	-	-	-	-
2013	-	-	-	-	-
2014	-	-	-	-	-
2015	-	-	-	-	-
2016	-	-	-	-	-
2015 May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2016 Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-	-	-	-	-
May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2017 Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-0.1	-0.3	-0.1	-0.2	0.2
May	-	-0.3	0.4	-0.2	0.2

Percentage change, latest year on previous year

	S222	S243	KI77	KI7G	KI7O
2012	-	-	-	-	-
2013	-	-	-	-	-
2014	-	-	-	-	-
2015	-	-	-	-	-
2016	-	-	-	-	-

Percentage change, latest month on same month a year ago

	S26Q	S28R	KI7A	KI7I	KI7Q
2015 May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2016 Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-	-	-	-	-
May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2017 Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-	-0.2	-0.1	-0.1	0.1
May	0.1	-0.3	0.3	-0.2	0.3

The earliest period open for revision is April 2017

RIOS1

IOS: Index of Services
Revisions since previously published estimates

seasonally adjusted 2013 = 100

	Total service industries	Distribution hotels and restaurants	Transport, storage and communication	Business services and finance	Govern-ment and other services
			Industry sections (SIC2007)		
Section	G-T	G and I	H and J	K-N	O-T
2013 weights	**1000**	**173**	**135**	**403**	**290**

Percentage change, latest month on previous month

	S222	S243	KI77	KI7G	KI7O
2015 May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2016 Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-	-	-	-	-
May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2017 Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-0.1	-0.3	-0.1	-0.1	0.1
May	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 May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2016 Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-	-	-	-	-
May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2017 Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-	-0.1	-	-	-
May	-	-0.2	0.1	-	0.1

The earliest period open for revision is April 2017

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

RIOS1

IOS: Index of Services
Revisions since previously published estimates

seasonally adjusted 2013 = 100

	Total service industries	Distribution hotels and restaurants	Transport, storage and communication	Business services and finance	Govern- ment and other services
			Industry sections (SIC2007)		
Section	G-T	G and I	H and J	K-N	O-T
2013 weights	**1000**	**173**	**135**	**403**	**290**

Percentage change, latest 3 months on previous 3 months

	S2BG	S2DH	KI7D	KI7K	KI7S
2015 May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2016 Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-	-	-	-	-
May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2017 Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-0.1	-	-	-	0.1
May	-0.1	-0.1	0.1	-0.1	0.1

The earliest period open for revision is April 2017

Sources: For further information on these data please telephone
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IOSCOMP

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

seasonally adjusted 2013 = 100

	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
2013 weights	**23**	**42**	**71**	**22**	**6**
	S2KW	S2KX	S2KY	KFV6	S2L5
2012	89.8	92.5	98.7	98.5	96.3
2013	100.0	100.0	100.0	100.0	100.0
2014	109.2	105.4	103.9	107.5	105.9
2015	118.3	107.9	108.6	111.7	107.7
2016	131.3	110.3	113.6	112.9	116.8
2015 Jun	120.3	108.2	108.4	111.7	108.0
Jul	119.6	109.2	108.5	110.9	108.7
Aug	117.9	108.9	108.1	111.6	108.7
Sep	120.4	106.4	110.6	112.6	109.1
Oct	120.7	107.8	109.2	112.4	110.7
Nov	121.4	107.3	111.1	113.5	110.0
Dec	126.2	108.8	109.6	112.5	108.0
2016 Jan	128.1	109.1	112.1	113.2	110.6
Feb	129.8	108.8	111.4	113.0	114.8
Mar	132.5	108.4	111.0	110.1	111.8
Apr	130.9	109.3	112.2	114.3	113.6
May	130.0	108.3	113.4	111.5	115.7
Jun	131.4	110.1	112.3	112.3	117.4
Jul	127.5	108.6	114.3	111.1	119.1
Aug	130.6	110.2	114.7	113.3	118.5
Sep	134.0	110.9	114.5	114.4	119.1
Oct	133.6	112.1	116.8	114.6	120.3
Nov	132.3	113.5	116.5	112.9	120.6
Dec	134.6	114.2	114.1	114.2	120.1
2017 Jan	131.2	112.9	113.6	114.6	120.0
Feb	130.5	114.2	115.3	113.4	121.3
Mar	133.9	112.9	113.8	114.2	121.8
Apr	127.4	113.6	116.6	113.1	124.2
May	131.8	113.0	115.5	114.3	127.5
Jun	132.3	114.7	115.9	112.2	128.8

Percentage change, latest year on previous year

	S224	S225	S226	KFV5	S22B
2012	6.9	-1.4	0.5	-0.8	6.4
2013	11.3	8.1	1.3	1.6	3.9
2014	9.2	5.4	3.9	7.5	5.9
2015	8.4	2.3	4.5	3.8	1.7
2016	10.9	2.3	4.7	1.1	8.4

Percentage change, latest month on same month a year ago

	S26S	S26T	S26U	KFI6	S26Z
2015 Jun	10.2	3.4	4.5	3.3	1.3
Jul	9.6	3.4	4.5	1.9	4.0
Aug	7.0	2.5	3.4	1.3	1.4
Sep	8.7	-1.7	6.9	2.9	1.7
Oct	8.8	0.8	3.8	1.2	3.5
Nov	8.1	-0.2	4.4	1.9	3.8
Dec	11.4	1.3	2.2	1.5	2.1
2016 Jan	13.6	1.1	4.8	2.2	4.9
Feb	13.9	1.6	4.1	1.6	12.9
Mar	15.6	0.5	3.4	-0.7	5.9
Apr	13.5	1.2	3.9	3.2	4.7
May	11.3	1.3	5.1	0.4	7.0
Jun	9.2	1.7	3.5	0.6	8.7
Jul	6.6	-0.5	5.4	0.2	9.5
Aug	10.8	1.2	6.1	1.5	9.0
Sep	11.3	4.3	3.5	1.6	9.2
Oct	10.6	4.0	7.0	1.9	8.7
Nov	8.9	5.8	4.9	-0.6	9.6
Dec	6.7	4.9	4.0	1.5	11.2
2017 Jan	2.4	3.5	1.4	1.2	8.5
Feb	0.5	4.9	3.6	0.4	5.6
Mar	1.1	4.1	2.5	3.7	8.9
Apr	-2.7	3.9	4.0	-1.1	9.4
May	1.4	4.4	1.8	2.5	10.2
Jun	0.6	4.1	3.2	-0.1	9.7

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.
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IOSCOMP

IOS: Index of Services
Chained volume indices of gross value added [1,2,3]   seasonally adjusted 2013 = 100

	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
2013 weights	**23**	**42**	**71**	**22**	**6**

Percentage change, latest month on previous month

	S224	S225	S226	KFV5	S22B
2015 Jun	3.1	1.3	0.5	0.5	-0.1
Jul	-0.6	0.8	-	-0.7	0.7
Aug	-1.5	-0.3	-0.4	0.6	-
Sep	2.1	-2.3	2.3	0.9	0.4
Oct	0.3	1.4	-1.2	-0.2	1.5
Nov	0.6	-0.5	1.7	1.0	-0.6
Dec	3.9	1.4	-1.3	-0.9	-1.8
2016 Jan	1.6	0.2	2.2	0.6	2.4
Feb	1.3	-0.2	-0.7	-0.2	3.8
Mar	2.0	-0.3	-0.4	-2.5	-2.6
Apr	-1.2	0.8	1.1	3.8	1.6
May	-0.8	-1.0	1.1	-2.5	1.8
Jun	1.1	1.7	-1.0	0.8	1.5
Jul	-3.0	-1.4	1.8	-1.1	1.5
Aug	2.5	1.5	0.3	1.9	-0.5
Sep	2.6	0.7	-0.2	1.0	0.5
Oct	-0.3	1.1	2.1	0.1	1.0
Nov	-1.0	1.3	-0.2	-1.5	0.2
Dec	1.8	0.6	-2.1	1.1	-0.4
2017 Jan	-2.6	-1.1	-0.4	0.4	-0.1
Feb	-0.5	1.2	1.5	-1.0	1.1
Mar	2.6	-1.1	-1.4	0.6	0.4
Apr	-4.8	0.7	2.5	-1.0	2.0
May	3.5	-0.6	-1.0	1.1	2.6
Jun	0.3	1.4	0.3	-1.8	1.0

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

	S2G8	S2G9	S2GA	KFI8	S2GF
2015 Jun	8.7	3.1	4.4	4.3	1.8
Jul	9.4	3.0	4.4	2.8	2.3
Aug	8.9	3.1	4.1	2.2	2.2
Sep	8.4	1.4	4.9	2.0	2.4
Oct	8.1	0.5	4.7	1.8	2.2
Nov	8.5	-0.4	5.0	2.0	3.0
Dec	9.5	0.6	3.4	1.5	3.1
2016 Jan	11.1	0.7	3.8	1.8	3.6
Feb	13.0	1.4	3.7	1.8	6.6
Mar	14.4	1.1	4.1	1.0	7.8
Apr	14.3	1.1	3.8	1.4	7.7
May	13.5	1.0	4.1	1.0	5.9
Jun	11.3	1.4	4.2	1.4	6.8
Jul	9.0	0.8	4.7	0.4	8.4
Aug	8.9	0.8	5.0	0.7	9.1
Sep	9.6	1.6	5.0	1.1	9.2
Oct	10.9	3.2	5.5	1.7	8.9
Nov	10.3	4.7	5.1	1.0	9.1
Dec	8.7	4.9	5.3	1.0	9.8
2017 Jan	6.0	4.7	3.4	0.7	9.7
Feb	3.2	4.4	3.0	1.0	8.4
Mar	1.3	4.2	2.5	1.7	7.7
Apr	-0.4	4.3	3.4	1.0	8.0
May	-0.1	4.1	2.8	1.7	9.5
Jun	-0.2	4.1	3.0	0.5	9.8

1 Indices reflect values measured at basic prices, which exclude "taxes less
   subsidies on products".
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   Time series dataset   01633 456387; fax 01633 455300 or e-mail ios.enquiries@ons.gov.uk

IOSCOMP

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

seasonally adjusted 2013 = 100

	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
Industry components (SIC2007)					
Component	45	46	47	49	51
2013 weights	**23**	**42**	**71**	**22**	**6**

Percentage change, latest 3 months on previous 3 months

	S2BI	S2BJ	S2BK	KFJ2	S2BP
2015 Jun	3.2	0.1	1.0	0.2	3.8
Jul	3.7	0.4	0.8	0.3	2.9
Aug	3.2	1.1	0.5	0.5	1.0
Sep	1.6	0.4	0.9	0.5	0.6
Oct	0.6	-0.4	0.9	0.9	1.2
Nov	1.3	-1.5	1.8	1.3	1.4
Dec	2.9	-0.1	0.8	1.0	0.7
2016 Jan	4.6	0.7	1.5	0.8	-
Feb	5.9	1.6	0.7	-	1.1
Mar	6.0	0.7	1.4	-0.6	2.6
Apr	4.7	0.4	0.5	-0.5	3.5
May	2.4	-0.2	1.1	-0.8	2.3
Jun	0.5	0.4	1.0	0.5	2.8
Jul	-1.1	0.1	1.7	-0.8	3.5
Aug	-1.0	0.9	1.4	0.2	4.1
Sep	-0.1	0.6	1.7	0.2	2.9
Oct	2.4	1.9	1.8	2.2	1.7
Nov	2.7	2.3	1.9	1.6	1.4
Dec	2.1	3.1	1.1	0.8	1.2
2017 Jan	-	2.2	-0.5	-0.2	0.8
Feb	-0.9	1.4	-1.4	0.1	0.4
Mar	-1.2	-	-1.4	0.2	0.6
Apr	-1.6	-	0.4	-0.3	1.8
May	-0.8	-0.5	0.8	-0.2	3.4
Jun	-1.0	0.4	1.5	-0.8	4.8

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

seasonally adjusted 2013 = 100

	Warehousing and support activities for transportation	Postal and courier activities	Accommodation	Food and beverage service activities	Publishing, audiovisual and broadcasting activities
			Industry components (SIC2007)		
Component	52	53	55	56	58-60
2013 weights	**13**	**8**	**10**	**27**	**21**
	S2L6	S2L7	S2L9	S2LA	KFW8
2012	97.4	98.4	96.9	104.8	95.3
2013	100.0	100.0	100.0	100.0	100.0
2014	108.6	99.6	102.8	103.2	96.4
2015	107.1	102.4	113.3	105.4	105.0
2016	103.2	104.6	120.2	110.9	114.5
2015 Jun	108.2	102.2	111.8	104.2	109.0
Jul	107.2	104.8	113.0	104.6	105.7
Aug	106.4	103.8	112.0	103.9	103.0
Sep	107.2	102.8	115.8	106.2	104.2
Oct	104.6	104.1	119.2	106.7	106.0
Nov	106.0	100.1	115.1	106.8	107.7
Dec	103.2	110.0	116.9	107.6	113.3
2016 Jan	103.3	106.7	114.4	107.7	109.0
Feb	103.1	105.3	120.9	107.8	109.6
Mar	102.1	101.2	120.3	107.7	111.7
Apr	104.2	102.8	119.1	108.1	107.6
May	102.1	105.0	119.2	110.5	108.4
Jun	101.7	102.9	118.9	110.8	114.2
Jul	103.4	100.3	119.3	109.8	119.4
Aug	103.4	103.9	121.5	111.7	118.1
Sep	102.7	104.4	117.8	113.8	119.4
Oct	102.6	105.7	122.7	113.7	114.2
Nov	104.1	107.0	123.1	114.5	116.9
Dec	106.0	110.6	124.9	114.7	125.0
2017 Jan	104.8	109.0	119.4	115.5	115.4
Feb	104.9	104.8	116.5	118.3	113.6
Mar	105.9	109.8	117.3	118.5	123.0
Apr	104.8	104.1	121.4	119.3	117.2
May	104.8	109.9	120.7	119.2	120.9
Jun	104.6	109.4	120.3	117.7	127.6

Percentage change, latest year on previous year

	S22C	S22D	S22F	S22G	KFW7
2012	2.1	-5.9	0.1	5.2	4.1
2013	2.6	1.6	3.2	-4.6	4.9
2014	8.6	-0.4	2.8	3.2	-3.6
2015	-1.4	2.9	10.2	2.1	9.0
2016	-3.6	2.1	6.1	5.2	9.0

Percentage change, latest month on same month a year ago

	S272	S273	S275	S276	KFM4
2015 Jun	1.3	2.1	9.7	1.0	15.2
Jul	-1.7	4.8	12.2	1.0	9.5
Aug	-4.0	5.1	8.7	0.3	6.7
Sep	-2.9	1.6	10.8	1.2	8.5
Oct	-8.5	3.8	13.3	2.8	8.9
Nov	-4.9	-0.1	7.4	2.1	9.9
Dec	-8.7	9.0	9.3	2.3	14.2
2016 Jan	-4.8	6.5	6.6	4.2	6.8
Feb	-4.4	6.0	9.0	2.6	6.6
Mar	-6.4	0.8	4.8	1.3	9.4
Apr	-3.9	1.5	6.7	2.1	7.2
May	-5.7	4.8	7.3	5.2	4.1
Jun	-6.0	0.7	6.4	6.3	4.7
Jul	-3.6	-4.3	5.6	4.9	13.0
Aug	-2.8	0.1	8.5	7.5	14.7
Sep	-4.2	1.6	1.7	7.2	14.5
Oct	-1.9	1.5	3.0	6.6	7.7
Nov	-1.8	6.9	6.9	7.3	8.5
Dec	2.8	0.5	6.9	6.6	10.3
2017 Jan	1.4	2.2	4.4	7.3	5.9
Feb	1.7	-0.4	-3.7	9.7	3.6
Mar	3.7	8.5	-2.6	10.0	10.1
Apr	0.6	1.3	1.9	10.5	8.9
May	2.6	4.6	1.2	7.9	11.6
Jun	2.9	6.3	1.1	6.2	11.8

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IOSCOMP

continued

IOS: Index of Services
Chained volume indices of gross value added [1,2,3]   seasonally adjusted 2013 = 100

	Industry components (SIC2007)				
	Warehousing and support activities for transportation	Postal and courier activities	Accommodation	Food and beverage service activities	Publishing, audiovisual and broadcasting activities
Component	52	53	55	56	58-60
2013 weights	**13**	**8**	**10**	**27**	**21**

Percentage change, latest month on previous month

	S22C	S22D	S22F	S22G	KFW7
2015 Jun	-	2.0	0.6	-0.7	4.8
Jul	-0.9	2.5	1.1	0.4	-3.1
Aug	-0.7	-0.9	-0.8	-0.7	-2.5
Sep	0.7	-0.9	3.4	2.2	1.2
Oct	-2.5	1.2	2.9	0.5	1.7
Nov	1.4	-3.8	-3.4	0.1	1.6
Dec	-2.7	9.8	1.6	0.7	5.2
2016 Jan	0.2	-3.0	-2.1	0.1	-3.8
Feb	-0.2	-1.3	5.7	0.2	0.6
Mar	-1.0	-3.9	-0.5	-0.2	2.0
Apr	2.0	1.6	-1.0	0.4	-3.7
May	-2.0	2.1	0.1	2.2	0.7
Jun	-0.4	-2.0	-0.2	0.3	5.3
Jul	1.6	-2.5	0.3	-0.9	4.6
Aug	-	3.6	1.8	1.8	-1.1
Sep	-0.7	0.5	-3.1	1.9	1.1
Oct	-0.1	1.2	4.2	-0.1	-4.3
Nov	1.5	1.3	0.3	0.7	2.3
Dec	1.8	3.3	1.5	0.2	7.0
2017 Jan	-1.2	-1.4	-4.4	0.8	-7.7
Feb	0.1	-3.8	-2.4	2.4	-1.6
Mar	1.0	4.7	0.7	0.1	8.3
Apr	-1.0	-5.1	3.5	0.7	-4.8
May	-0.1	5.5	-0.5	-0.1	3.2
Jun	-0.1	-0.4	-0.4	-1.3	5.5

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

	S2GG	S2GH	S2GJ	S2GK	KFM6
2015 Jun	2.3	1.3	8.7	2.1	9.9
Jul	0.5	2.2	9.3	1.4	11.4
Aug	-1.5	4.0	10.2	0.7	10.5
Sep	-2.9	3.8	10.6	0.8	8.2
Oct	-5.2	3.5	11.0	1.4	8.0
Nov	-5.5	1.8	10.5	2.0	9.1
Dec	-7.4	4.2	10.0	2.4	11.0
2016 Jan	-6.2	5.1	7.7	2.9	10.3
Feb	-6.0	7.2	8.3	3.0	9.2
Mar	-5.2	4.4	6.8	2.7	7.6
Apr	-4.9	2.7	6.8	2.0	7.8
May	-5.3	2.3	6.2	2.9	6.9
Jun	-5.2	2.3	6.8	4.5	5.3
Jul	-5.1	0.3	6.4	5.5	7.3
Aug	-4.2	-1.2	6.8	6.2	10.7
Sep	-3.5	-0.9	5.2	6.5	14.1
Oct	-3.0	1.1	4.3	7.1	12.3
Nov	-2.6	3.3	3.8	7.0	10.2
Dec	-0.3	2.9	5.6	6.8	8.9
2017 Jan	0.8	3.1	6.1	7.1	8.3
Feb	1.9	0.8	2.4	7.9	6.7
Mar	2.2	3.4	-0.7	9.0	6.6
Apr	2.0	3.1	-1.5	10.1	7.6
May	2.3	4.8	0.2	9.5	10.2
Jun	2.0	4.1	1.4	8.2	10.8

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	Industry components (SIC2007)				
	Warehousing and support activities for transportation	Postal and courier activities	Accommodation	Food and beverage service activities	Publishing, audiovisual and broadcasting activities
Component	52	53	55	56	58-60
2013 weights	**13**	**8**	**10**	**27**	**21**

Percentage change, latest 3 months on previous 3 months

	S2BQ	S2BR	S2BT	S2BU	KFM8
2015 Jun	-0.2	1.3	0.4	0.1	2.2
Jul	-0.6	2.0	-0.5	-1.0	4.4
Aug	-1.2	2.9	-0.2	-1.3	3.6
Sep	-1.2	2.5	1.9	-0.1	-0.2
Oct	-1.7	1.2	3.3	0.9	-1.7
Nov	-1.3	-1.2	4.0	2.2	0.1
Dec	-2.2	0.9	3.0	2.0	4.5
2016 Jan	-1.8	2.0	-0.2	1.7	5.3
Feb	-2.6	4.9	0.6	1.1	4.4
Mar	-1.6	-0.3	1.3	0.7	1.0
Apr	-1.0	-2.4	4.0	0.5	-0.3
May	-0.4	-4.0	1.8	1.0	-1.2
Jun	-0.2	-0.8	0.4	1.9	-
Jul	-0.8	-0.4	-0.8	2.3	4.0
Aug	-	-0.6	0.3	1.9	7.3
Sep	0.5	-0.7	0.4	1.8	8.1
Oct	0.5	1.9	1.3	2.5	2.8
Nov	0.3	3.3	1.1	2.9	-0.4
Dec	1.1	4.7	3.4	2.3	-0.2
2017 Jan	2.0	4.0	1.5	1.6	1.6
Feb	2.0	2.3	-0.8	1.9	1.0
Mar	0.9	0.1	-4.8	2.8	-1.1
Apr	0.2	-2.4	-3.4	3.3	-1.0
May	-0.1	-0.2	-0.4	2.4	2.0
Jun	-0.4	-0.1	2.6	1.1	3.9

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IOSCOMP

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

continued

seasonally adjusted 2013 = 100

	Telecom-munications	Computer programming, consultancy and related activities	Information service activities	Financial service activities except insurance and pension funding	Real estate activities
				Industry components (SIC2007)	
Component	61	62	63	64	68
2013 weights	**23**	**31**	**4**	**56**	**155**
	S2LE	S2LF	S2LG	S2LI	KFW4
2012	104.7	96.5	90.6	105.5	98.1
2013	100.0	100.0	100.0	100.0	100.0
2014	95.5	107.9	104.6	95.8	103.6
2015	98.6	113.8	110.3	97.3	105.2
2016	95.8	126.7	111.8	99.4	106.1
2015 Jun	99.2	112.4	110.5	95.9	105.2
Jul	97.9	113.7	110.9	95.5	105.4
Aug	102.1	115.1	104.9	95.6	105.6
Sep	98.4	114.4	108.9	96.2	105.6
Oct	97.8	116.6	108.5	96.5	105.5
Nov	97.2	118.8	111.5	97.2	105.4
Dec	98.0	120.4	105.1	98.3	105.9
2016 Jan	97.9	122.7	110.3	98.7	105.9
Feb	95.9	121.6	116.0	98.8	106.3
Mar	94.6	119.5	108.6	98.6	106.4
Apr	96.6	123.5	114.8	98.5	106.3
May	92.2	125.8	111.8	98.7	106.0
Jun	94.9	125.7	108.9	99.3	105.9
Jul	95.3	129.5	108.2	99.5	105.8
Aug	94.8	131.2	112.9	99.8	106.1
Sep	95.8	129.3	113.1	100.0	105.9
Oct	97.3	132.0	110.7	100.2	106.0
Nov	95.7	129.4	115.2	100.3	106.1
Dec	98.0	130.1	111.7	100.4	106.4
2017 Jan	96.2	127.5	113.9	100.5	106.5
Feb	94.4	129.6	110.8	100.7	106.7
Mar	92.3	130.4	112.6	100.9	106.6
Apr	96.8	129.8	113.4	100.5	106.9
May	94.1	129.7	115.3	100.2	107.2
Jun	95.9	132.2	112.3	100.1	107.2

Percentage change, latest year on previous year

	S22K	S22L	S22M	S22O	KFW3
2012	-0.3	5.9	9.4	-1.7	2.5
2013	-4.5	3.6	10.4	-5.2	1.9
2014	-4.5	7.9	4.6	-4.2	3.6
2015	3.3	5.5	5.4	1.6	1.6
2016	-2.9	11.4	1.4	2.2	0.8

Percentage change, latest month on same month a year ago

	S27A	S27B	S27C	S27E	KFK8
2015 Jun	3.3	4.3	2.6	1.6	1.9
Jul	2.0	4.5	5.7	0.6	1.2
Aug	7.4	4.9	0.9	0.5	1.5
Sep	2.7	4.0	3.9	0.7	1.2
Oct	2.1	4.0	0.4	-0.9	1.1
Nov	1.7	8.1	3.7	-1.7	1.1
Dec	2.6	9.5	-3.7	-1.9	1.5
2016 Jan	1.8	11.3	-0.8	-0.8	1.4
Feb	-1.9	8.5	3.3	-0.7	1.7
Mar	-5.5	10.1	-2.2	-0.3	1.6
Apr	-2.7	10.4	5.1	0.8	1.2
May	-7.7	13.5	-6.4	2.0	0.9
Jun	-4.3	11.8	-1.4	3.5	0.6
Jul	-2.6	13.9	-2.4	4.1	0.4
Aug	-7.1	14.0	7.6	4.4	0.4
Sep	-2.6	13.0	3.8	4.0	0.2
Oct	-0.5	13.2	2.0	3.9	0.5
Nov	-1.5	8.9	3.3	3.2	0.6
Dec	-	8.1	6.3	2.1	0.5
2017 Jan	-1.8	3.9	3.3	1.8	0.6
Feb	-1.5	6.5	-4.5	1.9	0.3
Mar	-2.5	9.1	3.7	2.4	0.1
Apr	0.2	5.1	-1.2	2.0	0.6
May	2.1	3.0	3.1	1.6	1.1
Jun	1.0	5.2	3.1	0.9	1.2

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IOSCOMP

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Chained volume indices of gross value added [1,2,3]   seasonally adjusted 2013 = 100

	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
2013 weights	**23**	**31**	**4**	**56**	**155**

Percentage change, latest month on previous month

	S22K	S22L	S22M	S22O	KFW3
2015 Jun	-0.8	1.4	-7.6	-0.8	0.2
Jul	-1.3	1.1	0.4	-0.4	0.2
Aug	4.3	1.2	-5.4	0.1	0.2
Sep	-3.6	-0.6	3.8	0.6	-
Oct	-0.6	1.9	-0.4	0.3	-0.1
Nov	-0.6	1.9	2.7	0.7	-
Dec	0.9	1.3	-5.7	1.2	0.4
2016 Jan	-0.1	2.0	5.0	0.4	-
Feb	-2.1	-0.9	5.2	0.1	0.4
Mar	-1.3	-1.7	-6.4	-0.2	0.1
Apr	2.1	3.3	5.8	-	-0.1
May	-4.5	1.9	-2.6	0.1	-0.3
Jun	2.9	-0.1	-2.6	0.6	-0.1
Jul	0.4	3.0	-0.6	0.2	-0.1
Aug	-0.5	1.3	4.3	0.4	0.3
Sep	1.0	-1.4	0.1	0.2	-0.2
Oct	1.5	2.1	-2.1	0.2	0.2
Nov	-1.6	-2.0	4.1	0.1	0.1
Dec	2.4	0.5	-3.0	0.1	0.3
2017 Jan	-1.8	-2.0	2.0	0.1	0.1
Feb	-1.8	1.7	-2.7	0.2	0.1
Mar	-2.3	0.6	1.6	0.3	-0.1
Apr	4.8	-0.5	0.7	-0.4	0.3
May	-2.7	-0.1	1.6	-0.3	0.3
Jun	1.9	2.0	-2.6	-0.1	-

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

	S2GO	S2GP	S2GQ	S2GS	KFL2
2015 Jun	4.2	3.8	8.7	2.9	1.7
Jul	3.7	3.6	8.6	1.8	1.5
Aug	4.2	4.6	3.1	0.9	1.5
Sep	4.0	4.5	3.5	0.6	1.3
Oct	4.1	4.3	1.7	0.1	1.3
Nov	2.2	5.4	2.7	-0.7	1.1
Dec	2.1	7.2	0.1	-1.5	1.2
2016 Jan	2.0	9.6	-0.3	-1.5	1.3
Feb	0.8	9.7	-0.4	-1.2	1.5
Mar	-1.9	9.9	0.1	-0.6	1.6
Apr	-3.4	9.6	2.1	-0.1	1.5
May	-5.3	11.3	-1.3	0.8	1.2
Jun	-4.9	11.9	-1.1	2.1	0.9
Jul	-4.9	13.0	-3.5	3.2	0.6
Aug	-4.7	13.2	1.2	4.0	0.5
Sep	-4.1	13.6	2.9	4.2	0.3
Oct	-3.5	13.4	4.4	4.1	0.4
Nov	-1.6	11.7	3.0	3.7	0.5
Dec	-0.7	10.0	3.8	3.1	0.6
2017 Jan	-1.1	6.9	4.3	2.4	0.6
Feb	-1.1	6.1	1.5	1.9	0.5
Mar	-1.9	6.5	0.8	2.0	0.3
Apr	-1.3	6.9	-0.8	2.1	0.3
May	-0.1	5.7	1.8	2.0	0.6
Jun	1.1	4.4	1.6	1.5	1.0

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IOSCOMP

continued

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

seasonally adjusted 2013 = 100

	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
2013 weights	**23**	**31**	**4**	**56**	**155**

Percentage change, latest 3 months on previous 3 months

	S2BY	S2BZ	S2C2	S2C4	KFL4
2015 Jun	1.4	1.3	1.4	-2.5	0.5
Jul	-0.1	1.3	2.5	-2.7	0.4
Aug	-0.1	3.0	-4.0	-2.2	0.5
Sep	-	2.4	-4.3	-1.1	0.4
Oct	0.4	2.7	-5.4	-	0.3
Nov	-1.9	2.6	0.8	1.0	0.1
Dec	-1.8	3.7	0.1	1.7	-
2016 Jan	-1.7	4.6	1.4	2.1	0.2
Feb	-0.5	4.2	0.8	2.0	0.5
Mar	-1.5	2.3	3.0	1.4	0.6
Apr	-2.0	0.8	3.9	0.6	0.6
May	-2.9	1.2	1.2	-	0.2
Jun	-1.6	3.1	0.2	0.2	-0.1
Jul	-1.6	4.5	-3.1	0.5	-0.4
Aug	0.6	4.7	-1.5	0.9	-0.3
Sep	0.8	4.0	-0.4	1.0	-0.1
Oct	1.9	3.0	2.3	0.9	0.1
Nov	1.3	1.2	2.7	0.7	0.1
Dec	1.7	0.4	1.0	0.5	0.2
2017 Jan	0.7	-1.4	1.2	0.4	0.3
Feb	-	-0.9	-0.7	0.3	0.5
Mar	-2.7	-1.0	-	0.4	0.4
Apr	-2.2	0.7	-1.1	0.3	0.3
May	-1.9	0.7	1.4	0.1	0.3
Jun	1.4	1.1	1.1	-0.4	0.5

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IOSCOMP

continued

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

seasonally adjusted 2013 = 100

	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
2013 weights	**67**	**18**	**59**	**66**	**80**
	KFX6	KFY2	S2LZ	S2M9	S2MB
2012	92.9	98.7	95.1	102.2	99.6
2013	100.0	100.0	100.0	100.0	100.0
2014	106.8	107.3	109.7	98.4	101.2
2015	112.0	110.2	115.2	96.0	102.0
2016	116.5	116.6	118.3	94.3	102.0
2015 Jun	112.5	111.0	114.8	95.8	102.0
Jul	111.6	109.1	117.4	95.4	102.2
Aug	111.5	108.0	116.5	95.4	102.3
Sep	114.5	110.1	117.2	95.3	102.3
Oct	114.1	112.9	116.6	95.2	102.1
Nov	114.1	111.9	116.5	95.2	102.1
Dec	113.9	113.6	115.7	95.1	102.3
2016 Jan	111.9	115.0	116.1	95.0	102.5
Feb	113.7	111.8	117.1	94.9	102.5
Mar	115.0	110.0	116.8	94.6	101.7
Apr	116.6	115.3	118.3	94.5	101.4
May	115.9	117.9	116.4	94.3	101.8
Jun	116.8	116.3	117.6	94.2	101.8
Jul	117.3	117.5	117.9	94.1	101.6
Aug	117.3	116.5	118.5	94.1	101.5
Sep	117.6	117.0	120.3	94.0	101.9
Oct	117.9	118.0	120.4	93.9	102.1
Nov	119.9	120.6	120.7	93.9	102.3
Dec	118.7	123.1	119.8	93.8	102.3
2017 Jan	121.3	116.7	121.4	93.9	102.7
Feb	119.4	116.3	121.1	93.9	102.9
Mar	120.6	114.8	121.9	93.9	102.9
Apr	120.4	114.9	120.5	93.8	103.2
May	121.6	119.0	121.7	93.7	103.4
Jun	122.0	120.8	122.4	93.7	103.5

Percentage change, latest year on previous year

	KFX5	KFX9	S237	S23F	S23H
2012	3.9	6.6	8.2	-1.4	3.0
2013	7.6	1.3	5.1	-2.2	0.4
2014	6.8	7.3	9.7	-1.6	1.2
2015	4.9	2.7	5.1	-2.5	0.8
2016	4.0	5.8	2.7	-1.8	-0.1

Percentage change, latest month on same month a year ago

	KFO6	KFQ2	S27V	S285	S287
2015 Jun	5.0	3.5	4.2	-2.5	0.6
Jul	4.0	-0.6	5.1	-3.1	0.4
Aug	4.0	0.6	5.1	-3.1	0.6
Sep	5.7	2.2	5.2	-3.1	0.7
Oct	2.8	6.5	3.3	-3.1	0.7
Nov	3.6	-0.4	4.5	-3.0	0.8
Dec	3.6	1.5	2.1	-2.9	0.8
2016 Jan	2.2	2.4	3.2	-2.5	0.8
Feb	3.8	2.2	3.8	-2.4	0.7
Mar	4.9	-1.3	1.4	-2.4	-0.1
Apr	4.9	10.3	3.4	-2.2	-0.4
May	3.3	9.1	2.7	-2.0	-0.1
Jun	3.8	4.8	2.4	-1.7	-0.2
Jul	5.1	7.7	0.5	-1.3	-0.6
Aug	5.2	7.9	1.7	-1.3	-0.8
Sep	2.7	6.2	2.6	-1.3	-0.4
Oct	3.4	4.6	3.3	-1.4	-
Nov	5.1	7.8	3.6	-1.3	0.1
Dec	4.2	8.4	3.5	-1.4	-
2017 Jan	8.5	1.5	4.5	-1.2	0.2
Feb	5.1	4.0	3.4	-1.0	0.4
Mar	4.9	4.4	4.4	-0.8	1.2
Apr	3.2	-0.3	1.8	-0.7	1.8
May	4.9	0.9	4.6	-0.6	1.5
Jun	4.5	3.9	4.1	-0.5	1.6

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	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
2013 weights	**67**	**18**	**59**	**66**	**80**

Percentage change, latest month on previous month

	KFX5	KFX9	S237	S23F	S23H
2015 Jun	0.2	2.7	1.3	-0.5	0.1
Jul	-0.9	-1.6	2.3	-0.5	0.1
Aug	-	-1.0	-0.8	-	0.2
Sep	2.6	1.9	0.7	-0.1	-
Oct	-0.3	2.5	-0.5	-0.1	-0.2
Nov	-	-0.9	-0.1	-0.1	0.1
Dec	-0.1	1.6	-0.7	-0.1	0.2
2016 Jan	-1.8	1.2	0.3	-0.1	0.2
Feb	1.6	-2.8	0.8	-0.1	-0.1
Mar	1.2	-1.6	-0.2	-0.2	-0.7
Apr	1.4	4.8	1.3	-0.2	-0.4
May	-0.6	2.3	-1.6	-0.2	0.5
Jun	0.8	-1.4	1.0	-0.1	-
Jul	0.4	1.1	0.3	-	-0.2
Aug	-	-0.8	0.5	-	-0.1
Sep	0.2	0.4	1.6	-0.1	0.4
Oct	0.3	0.9	0.1	-0.1	0.2
Nov	1.6	2.1	0.2	-	0.2
Dec	-1.0	2.1	-0.7	-0.1	-
2017 Jan	2.2	-5.2	1.3	0.1	0.3
Feb	-1.6	-0.4	-0.2	-	0.2
Mar	1.0	-1.2	0.7	-	-
Apr	-0.2	0.1	-1.2	-0.1	0.2
May	1.0	3.5	1.0	-0.1	0.2
Jun	0.4	1.5	0.6	-	0.1

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

	KFO8	KFQ4	S2HB	S2HJ	S2HL
2015 Jun	5.9	0.9	4.6	-2.3	0.6
Jul	5.2	1.8	4.3	-2.6	0.5
Aug	4.3	1.1	4.8	-2.9	0.5
Sep	4.6	0.7	5.1	-3.1	0.5
Oct	4.2	3.1	4.5	-3.1	0.6
Nov	4.0	2.7	4.4	-3.1	0.7
Dec	3.3	2.5	3.3	-3.0	0.7
2016 Jan	3.1	1.2	3.3	-2.8	0.8
Feb	3.2	2.0	3.0	-2.6	0.8
Mar	3.6	1.1	2.8	-2.4	0.5
Apr	4.5	3.6	2.9	-2.3	0.1
May	4.3	5.9	2.5	-2.2	-0.2
Jun	4.0	8.0	2.9	-2.0	-0.2
Jul	4.1	7.2	1.8	-1.7	-0.3
Aug	4.7	6.8	1.5	-1.4	-0.5
Sep	4.3	7.3	1.6	-1.3	-0.6
Oct	3.7	6.2	2.5	-1.3	-0.4
Nov	3.7	6.2	3.1	-1.3	-0.1
Dec	4.2	6.9	3.5	-1.4	0.1
2017 Jan	5.9	5.8	3.9	-1.3	0.1
Feb	5.9	4.6	3.8	-1.2	0.2
Mar	6.1	3.3	4.1	-1.0	0.6
Apr	4.4	2.7	3.2	-0.8	1.1
May	4.3	1.6	3.6	-0.7	1.5
Jun	4.2	1.5	3.5	-0.6	1.6

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

seasonally adjusted 2013 = 100

			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
2013 weights	**67**	**18**	**59**	**66**	**80**

Percentage change, latest 3 months on previous 3 months

	KFP2	KFQ6	S2CL	S2CT	S2CV
2015 Jun	2.2	-2.9	0.6	-1.0	0.2
Jul	1.8	0.8	0.9	-1.2	0.3
Aug	0.7	1.3	1.7	-1.1	0.4
Sep	0.5	1.1	2.5	-0.9	0.4
Oct	1.1	0.9	1.4	-0.5	0.2
Nov	2.1	2.1	0.5	-0.3	-
Dec	1.3	3.4	-0.6	-0.2	-0.1
2016 Jan	-	2.9	-0.6	-0.2	0.1
Feb	-0.9	1.7	-0.4	-0.3	0.2
Mar	-0.4	-0.5	0.3	-0.4	0.1
Apr	1.6	-1.0	1.1	-0.5	-0.5
May	2.4	0.8	0.7	-0.6	-0.8
Jun	2.6	3.8	0.6	-0.5	-0.5
Jul	1.3	4.3	-0.1	-0.5	-0.1
Aug	1.1	2.1	0.7	-0.3	-
Sep	0.8	0.4	1.3	-0.2	-
Oct	0.8	-0.1	2.1	-0.2	0.1
Nov	1.1	1.5	2.1	-0.2	0.4
Dec	1.2	3.0	1.2	-0.2	0.6
2017 Jan	2.0	2.5	0.7	-0.2	0.6
Feb	1.2	0.2	0.2	-0.1	0.5
Mar	1.4	-3.8	0.9	-	0.6
Apr	0.2	-4.0	0.4	-	0.5
May	0.9	-2.1	0.5	-0.1	0.5
Jun	0.7	2.0	-	-0.1	0.5

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IOSCOMP

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

continued

seasonally adjusted 2013 = 100

	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
2013 weights	**93**	**18**	**27**	**5**
	S2MC	S2MG	S2ML	S2MQ
2012	97.5	103.6	99.5	98.0
2013	100.0	100.0	100.0	100.0
2014	102.0	102.2	111.3	94.6
2015	103.6	101.9	114.8	94.8
2016	107.0	103.3	121.0	109.1
2015 Jun	104.0	101.4	114.4	94.1
Jul	104.1	101.7	114.5	91.6
Aug	104.2	100.1	114.4	91.3
Sep	104.4	102.4	115.5	95.0
Oct	104.9	100.5	115.9	97.4
Nov	105.1	101.6	117.8	101.7
Dec	105.3	106.4	119.4	104.7
2016 Jan	105.9	102.2	119.0	104.7
Feb	106.3	100.7	120.2	104.9
Mar	106.5	100.9	121.1	106.3
Apr	106.6	101.2	121.6	108.0
May	106.6	102.9	120.8	108.2
Jun	106.7	104.5	121.1	108.1
Jul	106.9	105.2	122.2	109.3
Aug	107.2	102.4	123.0	111.0
Sep	107.3	104.6	121.5	110.1
Oct	107.6	104.0	120.7	111.4
Nov	107.8	104.9	120.8	112.8
Dec	108.0	106.6	120.2	114.6
2017 Jan	108.1	106.0	122.7	115.3
Feb	108.3	102.2	122.4	113.9
Mar	108.5	103.8	122.5	113.8
Apr	108.7	106.3	121.4	115.6
May	108.9	106.3	120.5	118.0
Jun	109.1	106.4	121.3	120.7

Percentage change, latest year on previous year

	S23I	S23M	S23R	S23W
2012	3.7	6.0	-3.3	5.3
2013	2.5	-3.5	0.5	2.0
2014	2.0	2.2	11.3	-5.4
2015	1.6	-0.2	3.1	0.3
2016	3.2	1.4	5.4	15.1

Percentage change, latest month on same month a year ago

	S288	S28C	S28H	S28M
2015 Jun	2.1	-1.0	2.8	3.2
Jul	1.8	-1.4	1.3	1.2
Aug	1.6	-1.9	1.0	2.3
Sep	1.6	1.2	1.2	7.9
Oct	1.7	-0.3	-0.3	10.5
Nov	2.2	2.5	3.4	13.9
Dec	3.1	4.1	4.5	17.9
2016 Jan	4.1	2.8	5.6	17.8
Feb	4.8	-2.0	5.4	16.5
Mar	4.4	-1.7	6.9	14.5
Apr	3.7	-1.4	7.9	14.1
May	3.0	1.1	6.9	13.3
Jun	2.6	3.0	5.9	14.9
Jul	2.7	3.5	6.8	19.4
Aug	2.8	2.3	7.5	21.5
Sep	2.8	2.2	5.1	15.8
Oct	2.6	3.5	4.1	14.4
Nov	2.5	3.2	2.6	10.8
Dec	2.6	0.1	0.7	9.5
2017 Jan	2.1	3.7	3.1	10.1
Feb	1.8	1.5	1.9	8.5
Mar	1.9	2.8	1.1	7.0
Apr	2.0	5.1	-0.2	7.0
May	2.2	3.3	-0.3	9.1
Jun	2.3	1.8	0.2	11.7

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IOSCOMP

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

continued

seasonally adjusted 2013 = 100

	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
2013 weights	**93**	**18**	**27**	**5**

Percentage change, latest month on previous month

	S23I	S23M	S23R	S23W
2015 Jun	0.4	-0.4	1.2	-1.5
Jul	0.2	0.2	0.1	-2.6
Aug	0.1	-1.6	-	-0.3
Sep	0.2	2.3	1.0	4.1
Oct	0.5	-1.9	0.3	2.5
Nov	0.2	1.2	1.6	4.5
Dec	0.2	4.7	1.4	2.9
2016 Jan	0.6	-4.0	-0.3	-
Feb	0.4	-1.5	0.9	0.2
Mar	0.1	0.2	0.8	1.3
Apr	0.1	0.2	0.4	1.6
May	-	1.7	-0.7	0.2
Jun	0.1	1.5	0.2	-0.1
Jul	0.2	0.7	0.9	1.2
Aug	0.2	-2.7	0.7	1.5
Sep	0.1	2.2	-1.3	-0.8
Oct	0.3	-0.5	-0.6	1.2
Nov	0.2	0.8	0.1	1.2
Dec	0.2	1.6	-0.5	1.7
2017 Jan	0.1	-0.6	2.1	0.6
Feb	0.1	-3.5	-0.2	-1.2
Mar	0.2	1.5	-	-0.1
Apr	0.3	2.5	-0.9	1.6
May	0.2	-	-0.7	2.1
Jun	0.2	0.1	0.7	2.3

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

	S2HM	S2HQ	S2HV	S2I2
2015 Jun	1.7	-0.9	2.2	-2.0
Jul	1.9	-1.3	1.7	0.8
Aug	1.8	-1.4	1.7	2.2
Sep	1.7	-0.7	1.1	3.8
Oct	1.6	-0.3	0.6	6.9
Nov	1.8	1.1	1.4	10.8
Dec	2.3	2.1	2.5	14.1
2016 Jan	3.1	3.1	4.5	16.5
Feb	4.0	1.6	5.2	17.4
Mar	4.4	-0.3	6.0	16.2
Apr	4.3	-1.7	6.7	15.0
May	3.7	-0.6	7.2	13.9
Jun	3.1	0.9	6.9	14.1
Jul	2.8	2.6	6.5	15.8
Aug	2.7	3.0	6.7	18.6
Sep	2.8	2.7	6.5	18.9
Oct	2.7	2.7	5.6	17.2
Nov	2.6	2.9	3.9	13.6
Dec	2.6	2.2	2.4	11.5
2017 Jan	2.4	2.3	2.1	10.1
Feb	2.2	1.7	1.9	9.4
Mar	1.9	2.6	2.0	8.5
Apr	1.9	3.1	0.9	7.5
May	2.0	3.7	0.2	7.7
Jun	2.2	3.4	-0.1	9.2

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	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
2013 weights	**93**	**18**	**27**	**5**

Percentage change, latest 3 months on previous 3 months

	S2CW	S2D2	S2D7	S2DC
2015 Jun	1.7	0.3	-	4.5
Jul	1.8	-1.0	0.5	1.3
Aug	1.3	-1.3	1.2	-2.1
Sep	0.8	-0.5	1.3	-2.2
Oct	0.6	-0.6	1.2	0.9
Nov	0.7	0.5	1.7	6.2
Dec	0.8	1.5	2.5	9.3
2016 Jan	0.9	2.4	3.0	9.7
Feb	1.0	1.6	2.7	6.9
Mar	1.1	-1.5	2.1	4.0
Apr	1.0	-2.4	1.9	2.6
May	0.7	-1.4	1.4	2.6
Jun	0.4	1.5	0.9	2.6
Jul	0.3	3.2	0.3	2.0
Aug	0.4	2.3	0.8	1.8
Sep	0.5	1.2	0.9	1.9
Oct	0.6	-0.5	0.3	2.1
Nov	0.6	0.4	-0.9	1.8
Dec	0.6	1.0	-1.4	2.6
2017 Jan	0.6	2.0	-0.4	3.1
Feb	0.5	0.4	0.6	2.9
Mar	0.5	-1.1	1.6	1.2
Apr	0.5	-1.6	0.7	0.2
May	0.5	0.5	-0.3	1.0
Jun	0.6	2.3	-1.2	3.3

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