

Statistical bulletin

Index of Services: September 2017

Monthly movements in gross value added for the services industries, which overall account for around 79% of UK gross domestic product (GDP).



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1 . Main points

- Services output increased by 0.4% in Quarter 3 (July to Sept) 2017 compared with Quarter 2 (Apr to June) 2017; following growth of 0.4% between Quarter 1 (Jan to Mar) 2017 and Quarter 2 2017.
- The business services and finance sector made the largest contribution to the quarterly growth, contributing 0.25 percentage points.
- In the three months to September 2017, services output increased by 1.4% compared with the three months ending September 2016; this growth is at its lowest since the three months ending October 2013.
- The Index of Services increased by 0.1% between August and September 2017.
- Motion pictures made the largest contribution at industry level to the month-on-month increase, contributing 0.06 percentage points.

2 . Things you need to know about this release

The monthly Index of Services (IoS) provides a timely indicator of growth in the output of the services industries and is the largest contributor to the output approach to the measurement of gross domestic product (GDP), accounting for 79.3% of UK GDP in 2015. Also published today (23 November 2017) is the [UK GDP, second estimate: July to September 2017](#).

The IoS measures the UK output in: distribution, hotels and restaurants; transport, storage and communication; business services and finance; and government and other services. The Monthly Business Survey (MBS) makes up approximately 43% of data, with the remainder coming from various other current price and volume sources. 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 September 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 September 2017.

Table 1: Index of Services main figures, September 2017

UK	Percentage Change					
	Percentage of Services ¹	Index number (2015 = 100)	Most recent month on a year earlier	Most recent quarter on a year earlier	Most recent month on previous month	Most recent quarter on previous quarter
Index of Services	100.0	104.4	1.2	1.4	0.1	0.4
Distribution, hotels and restaurants	17.3	107.2	0.9	2.2	-0.6	0.3
Transport, storage and communication	13.2	106.5	0.7	1.0	0.4	0.0
Business services and finance	41.5	103.8	1.7	1.6	0.2	0.6
Government and other services	28.0	102.6	1.0	0.9	0.1	0.2

Source: Office for National Statistics

Notes:

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

4 . Quarter-on-quarter services growth increases

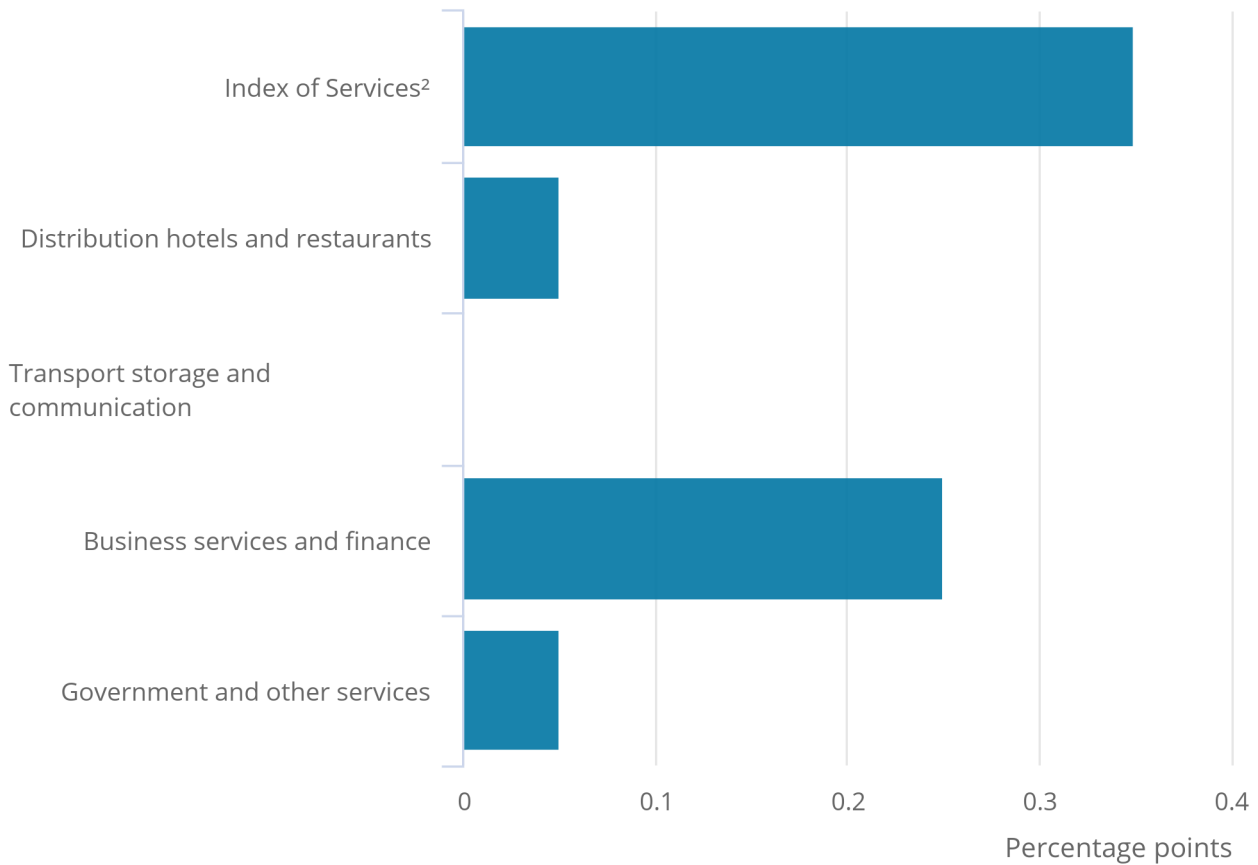
During Quarter 3 (July to Sept) 2017, services output increased by 0.4% following growth of 0.4% in Quarter 2 (Apr to June) 2017. This is unrevised from the estimates used in the [Gross domestic product, preliminary estimate: July to September 2017 statistical bulletin](#).

Figure 1: Contributions¹ to growth in services between Quarter 2 (April to June) 2017 and Quarter 3 (July to September) 2017

UK

Figure 1: Contributions¹ to growth in services between Quarter 2 (April to June) 2017 and Quarter 3 (July to September) 2017

UK



Source: Office for National Statistics

Source: Office for National Statistics

Notes:

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

The main sector contributing to the Index of Services (IoS) quarterly growth is business services and finance, increasing by 0.6%, contributing 0.25 percentage points. The industries with the largest contribution within this sector were employment activities and accounting activities both contributing 0.05 percentage points. They increased by 4.0% and 3.6% respectively.

Two of the other three main sectors also increased in the most recent quarter. In order of their contribution to growth:

- government and other services increased by 0.2%, contributing 0.05 percentage points
- distribution, hotels and restaurants increased by 0.3%, contributing 0.05 percentage points
- transport, storage and communication was flat on the quarter

The industries with the largest contribution to positive growth in the government and other services sector were education and human health activities. They both increased by 0.4% and contributed 0.03 percentage points. Creative, arts and entertainment activities offset some of this, decreasing 9.5% and contributing negative 0.04 percentage points. This industry saw a fall in each of the three months of the quarter with the largest decrease in July 2017.

Retail trade was the industry with the largest contribution to the positive growth in the distribution, hotels and restaurants sector, increasing by 0.7% and contributing 0.05 percentage points. Please see the [Retail sales, Great Britain: September 2017](#) release for more information. In addition, motor trade contributed 0.04 percentage points to growth, increasing by 1.4%. Offsetting some of this was food and beverage services, falling by 0.9% and contributing negative 0.03 percentage points.

In the transport, storage and communications sector, computer programming increased by 1.2% and contributed 0.04 percentage points while telecommunications contributed 0.03 percentage points, increasing by 1.5%. This was offset by decreases in publishing activities and land transport. Both these industries contributed negative 0.03 percentage points, decreasing by 3.3% and 1.4% respectively.

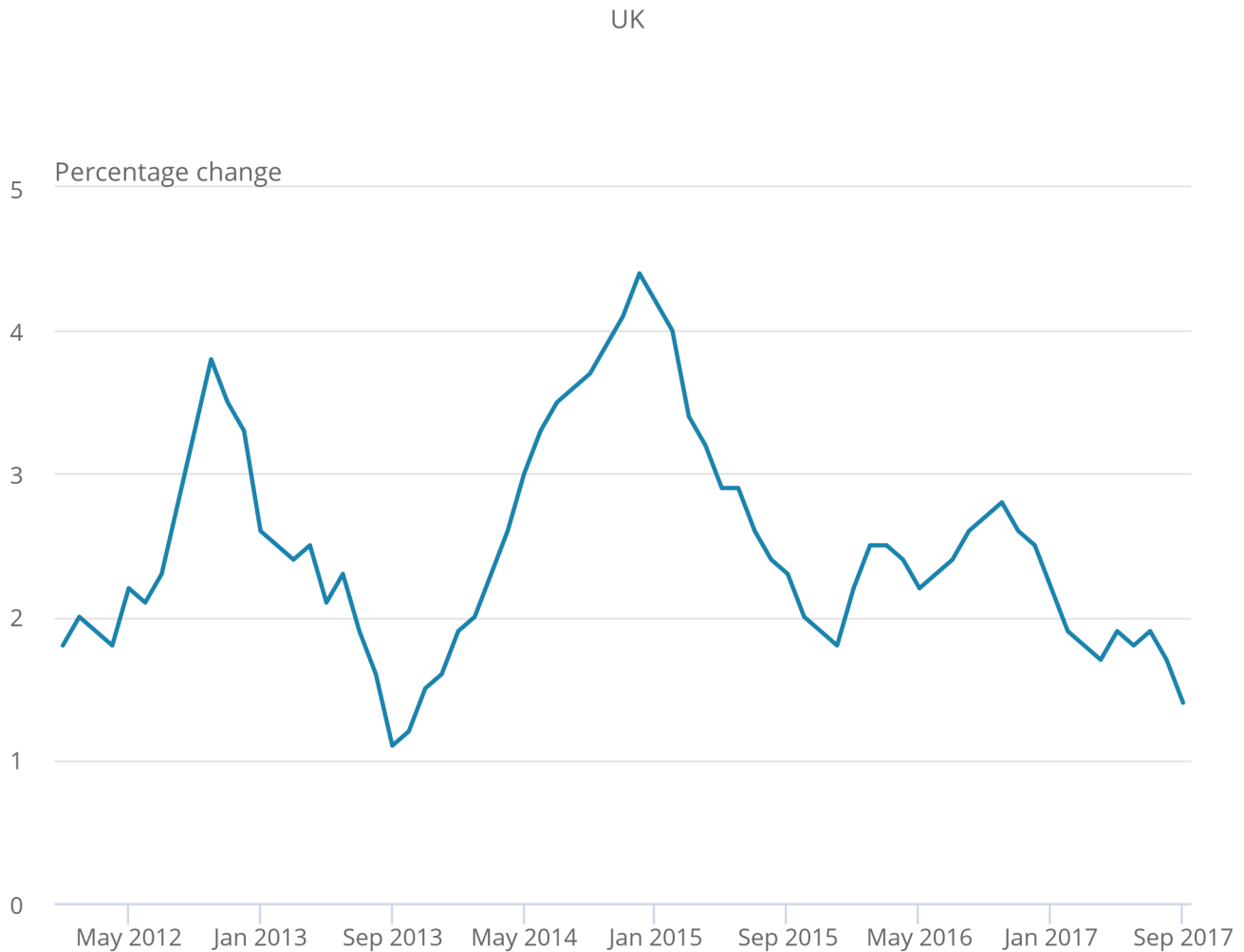
5 . Three-month services growth on a year ago lowest since October 2013

Figure 2 shows the three-month on a year ago growths since January 2012.

Figure 2: Three-month on a year ago growth rates from January 2012 to September 2017

UK

Figure 2: Three-month on a year ago growth rates from January 2012 to September 2017



Source: Office for National Statistics

Source: Office for National Statistics

In the three months to September 2017, services output increased by 1.4% compared with the three months ending September 2016. This growth is at its lowest since the three months to October 2013, which increased by 1.2% compared with the three months ending October 2012.

Since the start of 2016, we have seen a decrease in the size of the peaks and troughs. The growth rate reached an increase of 2.8% in the three months to October 2016 but then fell to 1.9% in the three months to February 2017. Since February, the growth rate remained stable up until September 2017, averaging 1.8%. This has now seen another fall to an increase of 1.4% in the three months to September 2017.

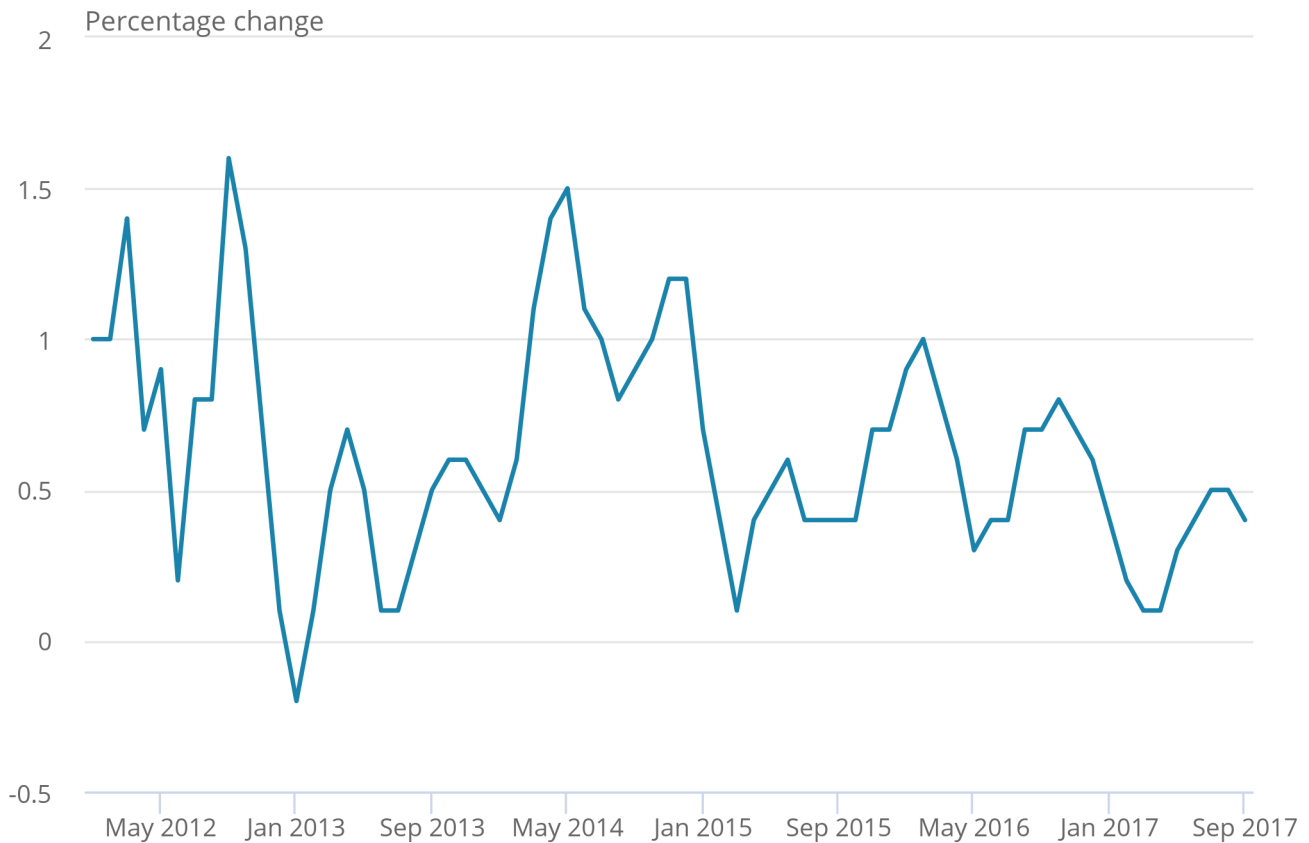
Figure 3 shows the three-month on three-month growth rates from January 2012.

Figure 3: Three-month on three-month growth rates from January 2012 to September 2017

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Figure 3: Three-month on three-month growth rates from January 2012 to September 2017

UK



Source: Office for National Statistics

Source: Office for National Statistics

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

During September 2017, services output increased by 0.1% following a rise of 0.1% in August 2017.

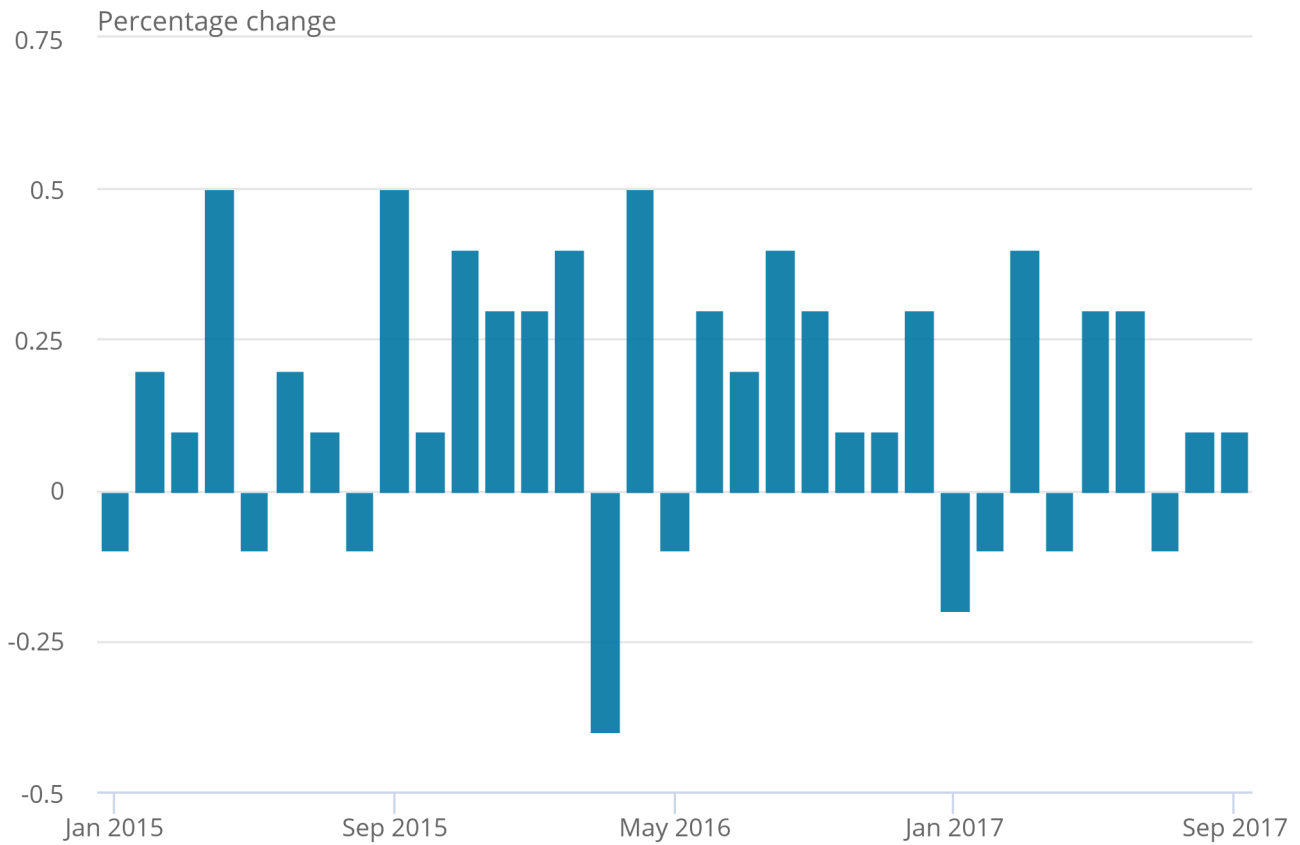
Figure 4 shows the Index of Services (IoS) month on month growth rates since January 2015 and Figure 5 shows the month-on-month contributions of each of the main IoS components for September 2017.

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

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

UK



Source: Office for National Statistics

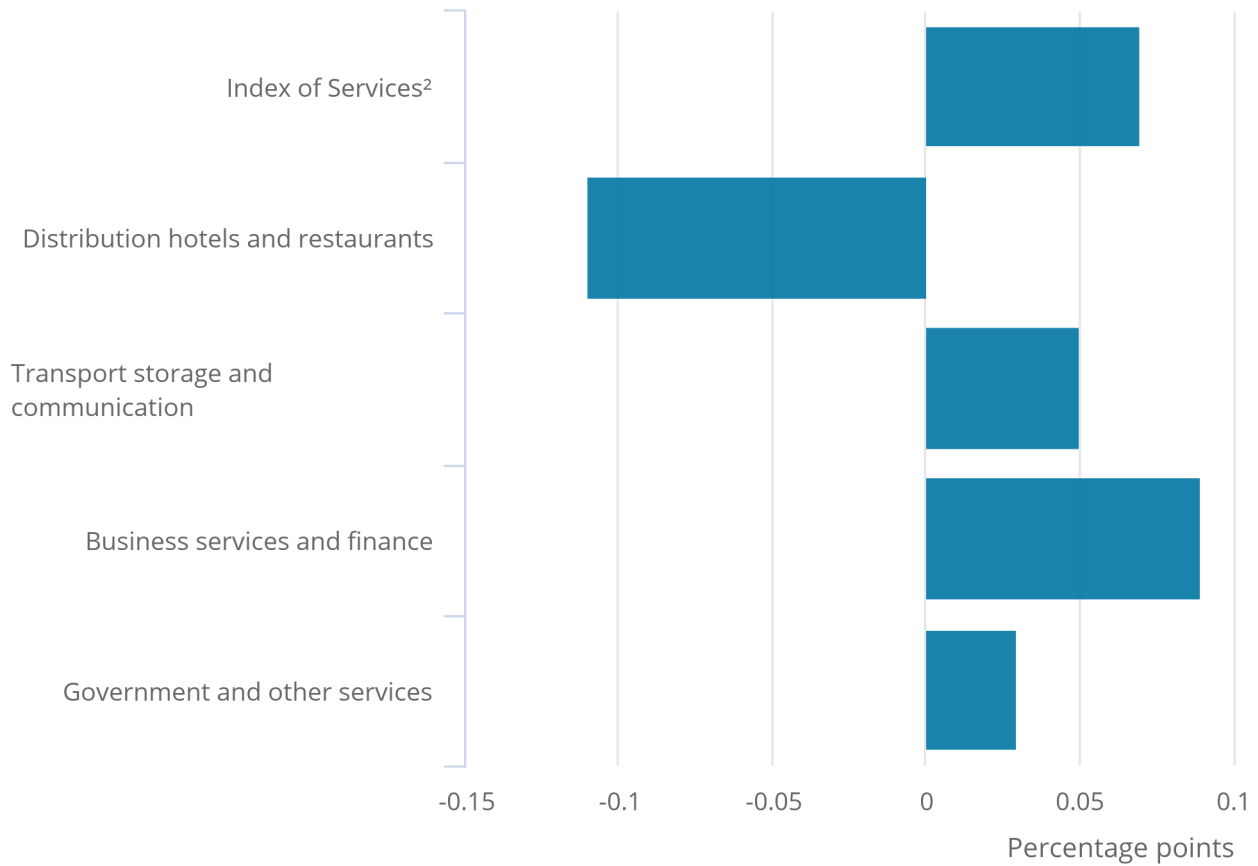
Source: Office for National Statistics

Figure 5: Contributions¹ to growth in services between August 2017 and September 2017

UK

Figure 5: Contributions¹ to growth in services between August 2017 and September 2017

UK



Source: Office for National Statistics

Source: Office for National Statistics

Notes:

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

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

- business services and finance increased by 0.2%, contributing 0.09 percentage points
- transport, storage and communication increased by 0.4%, contributing 0.05 percentage points
- government and other services increased by 0.1%, contributing 0.03 percentage points
- distribution, hotels and restaurants decreased by 0.6%, contributing negative 0.11 percentage points

The industries with the largest contributions to the 0.1% rise in September were:

- motion pictures, which increased by 7.3%, contributing 0.06 percentage points; further details on this industry can be found in the next section
- scientific research and development, which increased by 4.8%, contributing 0.04 percentage points
- office administration, which increased by 1.9%, contributing 0.03 percentage points.

This growth was partially offset by retail trade and food and beverage activities. These two industries decreased by 0.9% and 1.1% respectively, contributing negative 0.06 and 0.03 percentage points.

7 . Film distribution driving motion pictures industry movements

The motion pictures industry continues to impact headline services figures. In September 2017, it was the industry that made the largest contribution to the monthly growth, contributing 0.06 percentage points.

With an Index of Services (IoS) weight of 0.8% the motion pictures industry, or motion picture, video and television programme production, sound recording and music publishing activities (UK Standard Industrial Classifications 2007: SIC 2007), covers:

- production of theatrical and non-theatrical motion pictures whether on film, video tape or disc for direct projection in theatres or for broadcasting on television
- supporting activities such as film editing, cutting, dubbing
- distribution of motion pictures and other film productions to other industries
- motion picture or other film productions projection
- buying and selling of motion picture or other film productions' distribution rights is also included
- sound recording activities, that is production of original sound master recordings, releasing, promoting and distributing them, publishing of music as well as sound recording service activities in a studio or elsewhere.

Data for this industry is collected via the Monthly Business Survey which collects business turnover data. In September 2017, motion picture distribution accounted for 27% of the total turnover in this industry. This component was the main contributor to the industry growth of 7.3%, accounting for 50% of the month-on-month turnover growth. Motion picture distribution only makes up a small percentage of the total sampled businesses. However, there is a continued trend where this component is the main contributor to upwards and downwards movements in the monthly turnover. Due to the level of change observed within this industry and component specifically we have decided to undertake a review of the seasonal adjustment methodology.

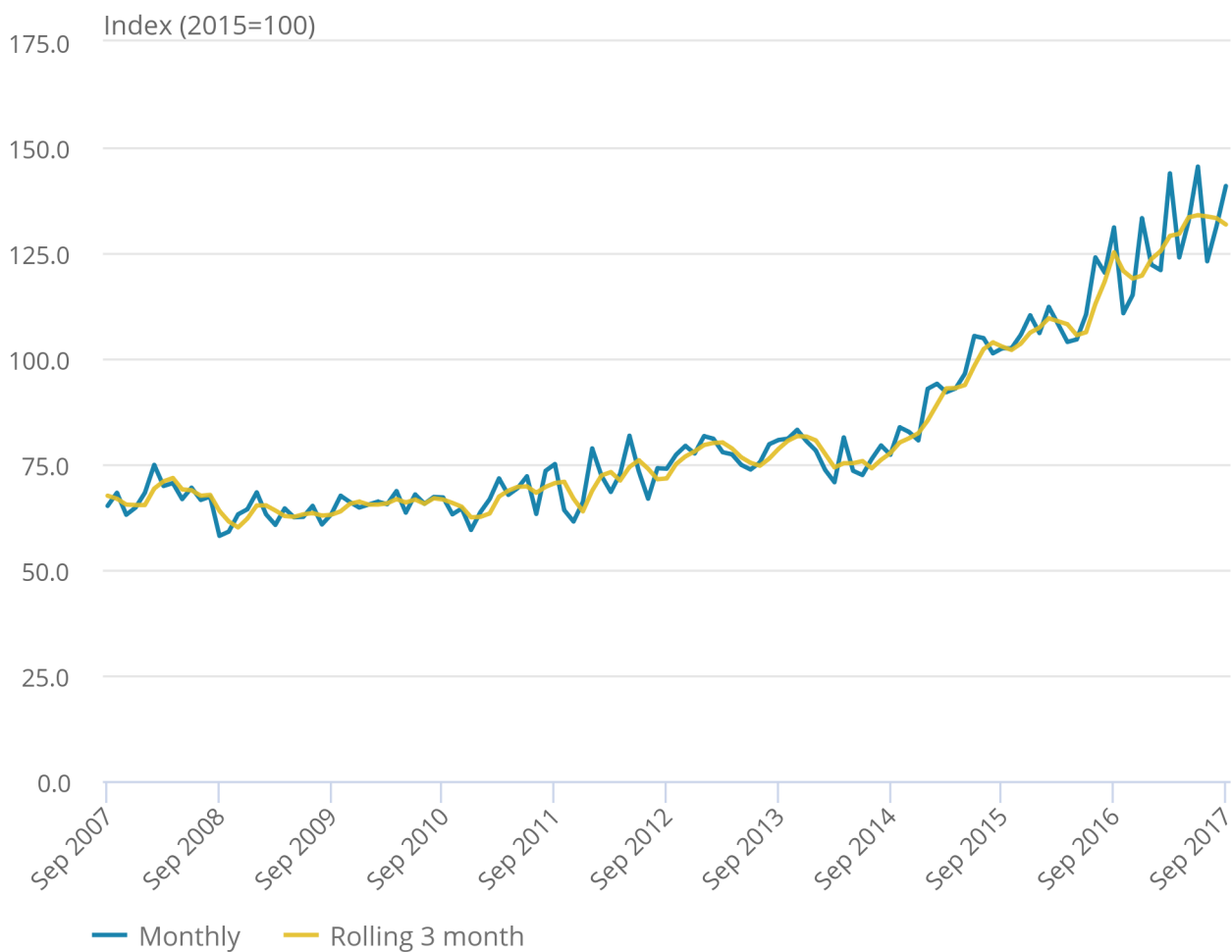
In September 2017, other components impacting the monthly growth in the industry were motion picture production and television production. Motion picture production made up 12% of the total monthly turnover and television production accounted for 29%. They accounted for 15% and 14% respectively of the month-on-month turnover growth.

Figure 6: Seasonally adjusted Index of motion pictures output, September 2007 to September 2017 UK

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Figure 6: Seasonally adjusted Index of motion pictures output, September 2007 to September 2017 UK

UK



Source: Office For National Statistics

Source: Office For National Statistics

The motion pictures industry has seen accelerated growth since the start of 2015. On 1 April 2015, Film Tax Relief was extended to 25% for films of all budget levels and is part of the [wider creative industry Corporation Tax Relief](#) (for further information see the GOV.UK website). Figures published by HM Revenue and Customs, [Creative Industries Statistics July 2017](#) show that the amount of tax relief paid has seen large increases from 2015 to 2016 onwards.

Further information on the film industry can be found on the [British Film Institute \(BFI\) website](#).

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 was published on 20 November 2017, which [reviewed the methodological improvements and provides 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 stopping 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 was 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 2015. The IoS shares the exact same industry coverage as the corresponding quarterly series within GDP(O).

The Index of Services datasets contain additional material, including:

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

The [Index of Services Quality and Methodology Information report](#) contains important information on:

- the strengths and limitations of the data and how it compares with related data
- uses and users of the data
- how the output was created
- the quality of the output including the accuracy of the data

Industry sections (SIC2007)						
	Total service industries	Distribution hotels and restaurants	Transport, storage and communication	Business services and finance	Government and other services	
Section	G-T	G and I	H and J	K-N	O-T	
2015 weights	1000	173	132	415	281	
	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 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	104.2	107.9	106.2	103.3	102.3	
Aug	104.3	107.9	106.1	103.6	102.5	
Sep	104.4	107.2	106.5	103.8	102.6	
Percentage change, latest year on previous year						
	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	
Percentage change, latest month on same month a year ago						
	S26Q	S28R	K17A	K17I	K17Q	
2015 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	1.7	3.7	1.6	1.5	0.6	
Aug	1.4	2.1	0.8	1.7	1.0	
Sep	1.2	0.9	0.7	1.7	1.0	

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](#)

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
2015 weights	1000	173	132	415	281

Percentage change, latest month on previous month

	S222	S243	KI77	KI7G	KI7O
2015 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	0.2	-1.1	0.1	-
Aug	0.1	-0.1	-0.1	0.2	0.2
Sep	0.1	-0.6	0.4	0.2	0.1

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

	S2G6	S2I7	KI7C	KI7J	KI7R
2015 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	1.9	3.2	3.1	1.5	0.9
Aug	1.7	3.0	2.2	1.6	0.8
Sep	1.4	2.2	1.0	1.6	0.9

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

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	
2015 weights	1000	173	132	415	281	
Percentage change, latest 3 months on previous 3 months						
	S2BG	S2DH	KI7D	KI7K	KI7S	
2015 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	0.5	0.8	0.6	0.5	0.1	
Sep	0.4	0.3	-	0.6	0.2	

- 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	Government and other services	
Section	G-T	G and I	H and J	K-N	O-T	
2015 weights	1000	173	132	415	281	
	S2KU	S2MV	KI7B	KI7L	KI7T	
2012	-	-	-	-	-	-
2013	-	-	-	-	-	-
2014	-	-	-	-	-	-
2015	-	-	-	-	-	-
2016	-	-	-	-	-	-
2015 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	-	0.1	-
Aug	-	0.1	-0.1	-	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 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	0.1	-	-	-
Aug	-	0.1	-0.1	-	0.2	-

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
2015 weights	1000	173	132	415	281

Percentage change, latest month on previous month

	S222	S243	KI77	KI7G	KI7O
2015 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	-	0.1
Aug	-0.1	-	-0.2	-0.1	0.1

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

	S2G6	S2I7	KI7C	KI7J	KI7R
2015 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	-	-	-
Aug	-	0.1	-	-	-

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RIOS1

IOS: Index of Services

Revisions since previously published estimates

seasonally adjusted 2015 = 100

continued

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
2015 weights	1000	173	132	415	281

Percentage change, latest 3 months on previous 3 months

	S2BG	S2DH	KI7D	KI7K	KI7S
2015 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	-	-	-	-	-
Aug	0.1	0.1	-	-	-

The earliest period open for revision is July 2017

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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
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 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	111.8	104.6	107.2	100.1	117.3
Aug	111.7	104.7	108.1	99.8	117.5
Sep	111.6	104.3	107.1	99.4	118.0
Percentage change, latest year on previous year	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
Percentage change, latest month on same month a year ago	S26S	S26T	S26U	KF16	S26Z
2015 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	4.8	4.0	1.5	-	7.6
Aug	1.6	2.3	2.1	-1.7	8.1
Sep	-1.6	1.3	1.3	-2.9	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 ^{1,2,3}

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
2015 weights	24	43	69	23	7

Percentage change, latest month on previous month

	S224	S225	S226	KFV5	S22B
2015 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	-0.3	-1.4	0.5	0.9	0.7
Aug	-0.1	-	0.8	-0.3	0.2
Sep	-0.1	-0.4	-0.9	-0.4	0.4

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

	S2G8	S2G9	S2GA	KF18	S2GF
2015 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	3.0	3.6	1.8	0.5	7.8
Aug	2.9	3.4	2.2	-1.1	7.8
Sep	1.5	2.5	1.6	-1.5	7.9

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

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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
2015 weights	24	43	69	23	7

Percentage change, latest 3 months on previous 3 months

	S2BI	S2BJ	S2BK	KFJ2	S2BP
2015 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	1.1	0.8	0.7	-1.2	2.9
Aug	0.9	1.2	1.2	-2.3	2.4
Sep	1.4	-0.2	0.7	-1.2	1.8

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IOSCOMP

IOS: Index of Services

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

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
2015 weights	14	8	10	27	20
	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 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	96.8	108.3	108.4	111.5	109.2
Aug	96.9	109.5	104.9	110.3	112.3
Sep	98.2	108.4	105.2	109.1	114.6
Percentage change, latest year on previous year					
	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
Percentage change, latest month on same month a year ago					
	S272	S273	S275	S276	KFM4
2015 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	-0.3	4.8	3.7	7.6	-4.7
Aug	0.1	4.0	-1.9	4.0	-1.1
Sep	2.6	2.0	1.1	1.4	-2.3

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IOSCOMP

IOS: Index of Services

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

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
2015 weights	14	8	10	27	20

Percentage change, latest month on previous month

	S22C	S22D	S22F	S22G	KFW7
2015 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	-0.7	-0.9	3.3	1.3	-7.9
Aug	0.2	1.1	-3.2	-1.1	2.8
Sep	1.3	-1.0	0.2	-1.1	2.1

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

	S2GG	S2GH	S2GJ	S2GK	KFM6
2015 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	0.9	4.8	1.4	6.5	4.1
Aug	0.5	4.7	0.4	5.3	0.9
Sep	0.8	3.6	1.0	4.3	-2.7

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IOSCOMP

IOS: Index of Services

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

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	14	8	10	27	58-60

Percentage change, latest 3 months on previous 3 months

	S2BQ	S2BR	S2BT	S2BU	KFM8
2015 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	-1.3	3.0	2.2	-	1.6
Aug	-1.3	1.1	0.7	-1.0	-0.1
Sep	-0.5	0.9	0.4	-0.9	-1.9

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IOSCOMP

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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
2015 weights	23	28	4	51	176
	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 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	100.7	118.8	105.3	105.3	100.5
Aug	98.9	117.2	107.7	105.6	100.7
Sep	99.4	117.6	104.7	105.7	100.7
Percentage change, latest year on previous year					
	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
Percentage change, latest month on same month a year ago					
	S27A	S27B	S27C	S27E	KFK8
2015 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	4.3	4.6	5.7	2.7	0.3
Aug	2.5	1.7	2.6	2.6	0.5
Sep	2.2	3.0	-	2.6	0.9

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

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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 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	2.3	-0.3	-0.8	0.2	0.1
Aug	-1.8	-1.4	2.3	0.2	0.2
Sep	0.5	0.3	-2.7	0.2	-

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

	S2GQ	S2GP	S2GQ	S2GS	KFL2
2015 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	4.7	6.9	2.8	0.1
Aug	2.8	4.6	5.4	2.6	0.3
Sep	3.0	3.1	2.7	2.7	0.5

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

Percentage change, latest 3 months on previous 3 months

	S2BY	S2BZ	S2C2	S2C4	KFL4
2015 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	2.2	2.6	0.5	0.2
Aug	2.0	2.8	0.9	0.4	0.2
Sep	1.5	1.2	-0.3	0.4	0.2

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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
2015 weights	70	19	58	60	77
	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 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	109.4	106.3	104.7	98.4	101.7
Aug	109.7	107.9	105.0	98.4	101.9
Sep	109.8	108.3	105.7	98.4	102.0

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 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	5.5	-0.2	1.5	-0.1	2.0
Aug	5.7	1.5	1.9	-0.1	2.0
Sep	5.2	0.8	1.0	-0.1	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
2015 weights	70	19	58	60	77

Percentage change, latest month on previous month

	KFX5	KFX9	S237	S23F	S23H
2015 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	1.1	-2.0	-0.3	-	0.2
Aug	0.3	1.5	0.3	-	0.2
Sep	-	0.4	0.6	-	0.1

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

	KFO8	KFO4	S2HB	S2HJ	S2HL
2015 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	4.8	0.6	2.3	-0.1	1.8
Aug	5.1	1.1	1.9	-0.1	1.9
Sep	5.5	0.7	1.4	-0.1	2.0

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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
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 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	1.4	3.2	0.3	-0.1	0.3
Aug	1.4	2.8	0.1	-0.1	0.4
Sep	1.6	1.1	0.5	-	0.4

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continued

Industry components (SIC2007)				
	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
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 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	104.5	94.8	106.4	122.9
Aug	104.6	94.8	107.6	121.4
Sep	104.8	95.5	107.2	122.6
Percentage change, latest year on previous year				
	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
Percentage change, latest month on same month a year ago				
	S288	S28C	S28H	S28M
2015 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	1.4	-4.0	-0.8	-0.1
Aug	1.3	0.1	-	-1.5
Sep	1.6	-1.3	0.7	1.1

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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

Percentage change, latest month on previous month

	S23I	S23M	S23R	S23W
2015 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	0.1	-1.5	0.5	-1.0
Aug	0.1	-	1.2	-1.3
Sep	0.2	0.7	-0.4	1.0

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

	S2HM	S2HQ	S2HV	S2I2
2015 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	-1.4	-0.6	1.6
Aug	1.5	-1.9	-0.4	-0.1
Sep	1.5	-1.8	-	-0.2

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IOSCOMP

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

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 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	-0.2	-0.8	4.1
Aug	0.4	-1.8	0.2	0.8
Sep	0.4	-2.3	1.1	-0.9

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