

Statistical bulletin

# Index of Services, UK: November 2018

Monthly movements in output for the services industries.



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# 1 . Main points

- In the three months to November 2018, services output increased by 0.3% compared with the three months ending August 2018.
- The professional, scientific and technical activities sector made the largest contribution to this growth, contributing 0.17 percentage points.
- The Index of Services increased by 0.3% between October 2018 and November 2018.
- The wholesale, retail and motor trade sector made the largest contribution to the month-on-month growth, contributing 0.15 percentage points.
- In the three months to November 2018, services output increased by 1.8% compared with the three months ending November 2017.

## 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. It is the largest contributor to the output approach to the measurement of gross domestic product (GDP), accounting for 79.6% of UK GDP in 2016. Also published today (11 January 2019) is the [GDP monthly estimate, UK: November 2018](#).

This November 2018 release contains revisions from January 2017 onwards, and is consistent with the [National Accounts Revisions Policy](#). The revisions up to September 2018 are consistent with those published in the [Quarterly national accounts](#) on 21 December 2018. These revised data now include Value Added Tax (VAT) data for the first time in Quarter 2 (Apr to June) 2018.

The current price non-seasonally adjusted estimates of industries collected by the Monthly Business Survey (MBS) can be found in the [Monthly Business Survey turnover in services industries dataset](#), which was published alongside this release. Note that the MBS turnover in services industries dataset does not contain data from VAT returns, which have been included in the IoS.

Care should be taken when using the month-on-month growth rates as data can often be volatile; longer-term growth rates and examination of the time series allow for better interpretation of the statistics.

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.

The UK Index of Services has been designated by the [UK Statistics Authority](#) as [National Statistics](#), in accordance with the [Statistics and Registration Service Act 2007](#) and signifying compliance with the [Code of Practice for Statistics](#).

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

In the three months to November 2018, services output increased by 0.3% compared with the three months ending August 2018.

The professional, scientific and technical activities sector was the largest contributor to growth in the three months to November 2018. It increased by 1.7% and contributed 0.17 percentage points.

This sector has grown at a faster rate than total Index of Services (IoS) since January 2015 and has seen positive growth in each consecutive month since the three months to June 2017.

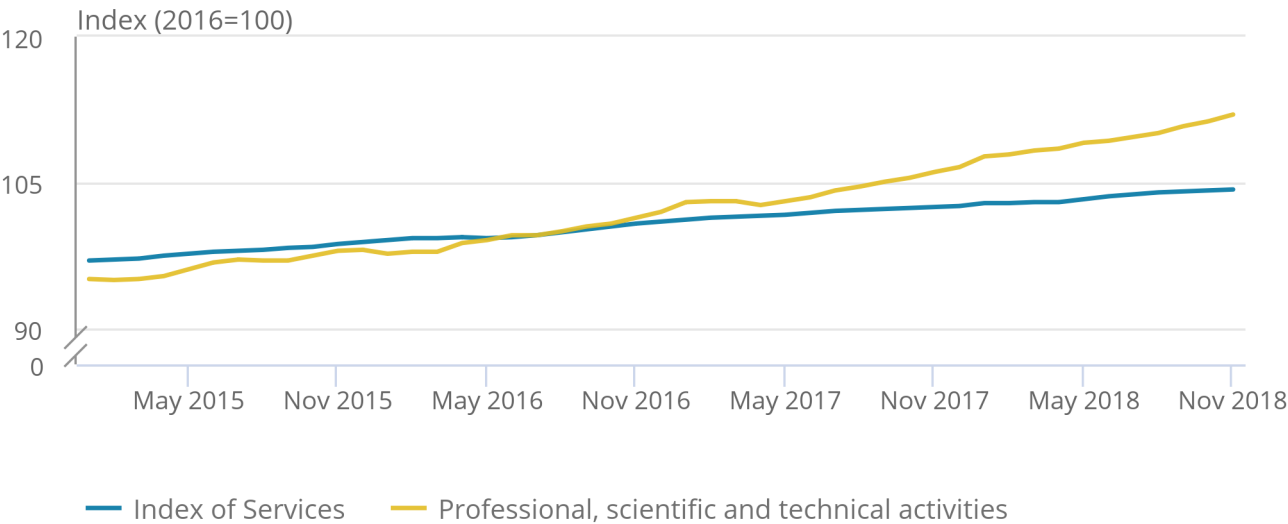
Figure 1 shows the three-month on three-month IoS and the professional, scientific and technical activities seasonally adjusted index from January 2015 to November 2018.

**Figure 1: Seasonally adjusted three-month on three-month Index of Services and professional, scientific and technical activities, January 2015 to November 2018**

UK

Figure 1: Seasonally adjusted three-month on three-month Index of Services and professional, scientific and technical activities, January 2015 to November 2018

UK



Source: Office for National Statistics - Index of Services

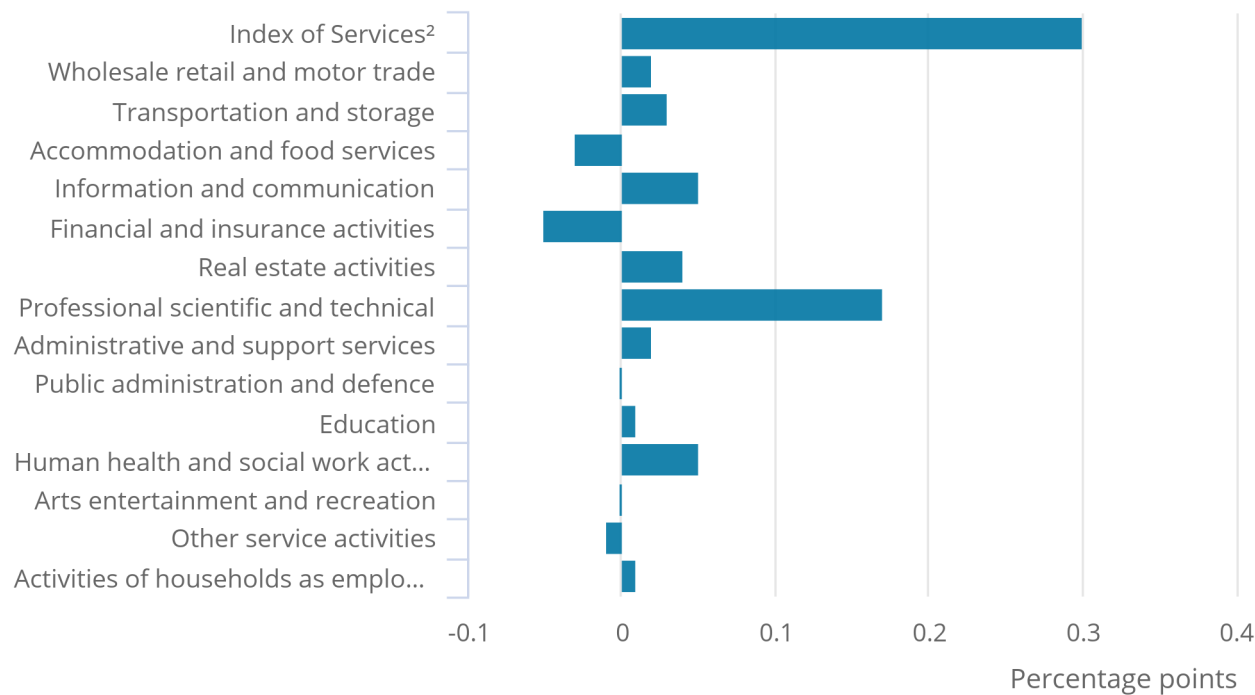
Figure 2 shows the three-month on three-month contribution of the professional, scientific and technical activities sector along with the other IoS sectors for November 2018.

Figure 2: Contributions<sup>1</sup>to growth in services during the three months to November 2018

UK

Figure 2: Contributions<sup>1</sup>to growth in services during the three months to November 2018

UK



Source: Office for National Statistics - Index of Services

Notes:

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

Within the professional, scientific and technical activities sector, the accounting and auditing activities industry contributed the most. It increased by 4.3% and contributed 0.07 percentage points. This industry has seen positive three-month on three-month growth since December 2017 and is driven by the largest businesses within the industry.

There was widespread three-month on three-month growth within this sector and in addition to accounting and auditing, the other industries contributing to growth were:

- other professional, scientific and technical activities, which increased by 6.9%, contributing 0.06 percentage points
- activities of head offices, which increased by 3.1%, contributing 0.05 percentage points

The wholesale, retail and motor trade sector increased by 0.2% in the three months to November 2018, contributing 0.02 percentage points. Wholesale trade was the largest contributing industry within this sector, increasing by 0.9% and contributing 0.04 percentage points. However, this was offset by a fall in the motor trade industry, which decreased by 1.8%, contributing negative 0.04 percentage points. This was due, in part, to the impact of the worldwide harmonised light vehicle test procedure (WLTP), for more information see Section 5 on the motor trade industry.

After seeing strong contributions over the summer months due mainly to the retail trade industry, the wholesale, retail and motor trade sector is now seeing more subdued growth. The 0.2% growth in the three months to November 2018 is the lowest since the three months to March 2018. In comparison, the sector saw growth of 2.2%, contributing 0.28 percentage points in the three months to July 2018.

## **4 . Month-on-month services growth**

Services output increased by 0.3% in November 2018, following a rise of 0.2% in October 2018.

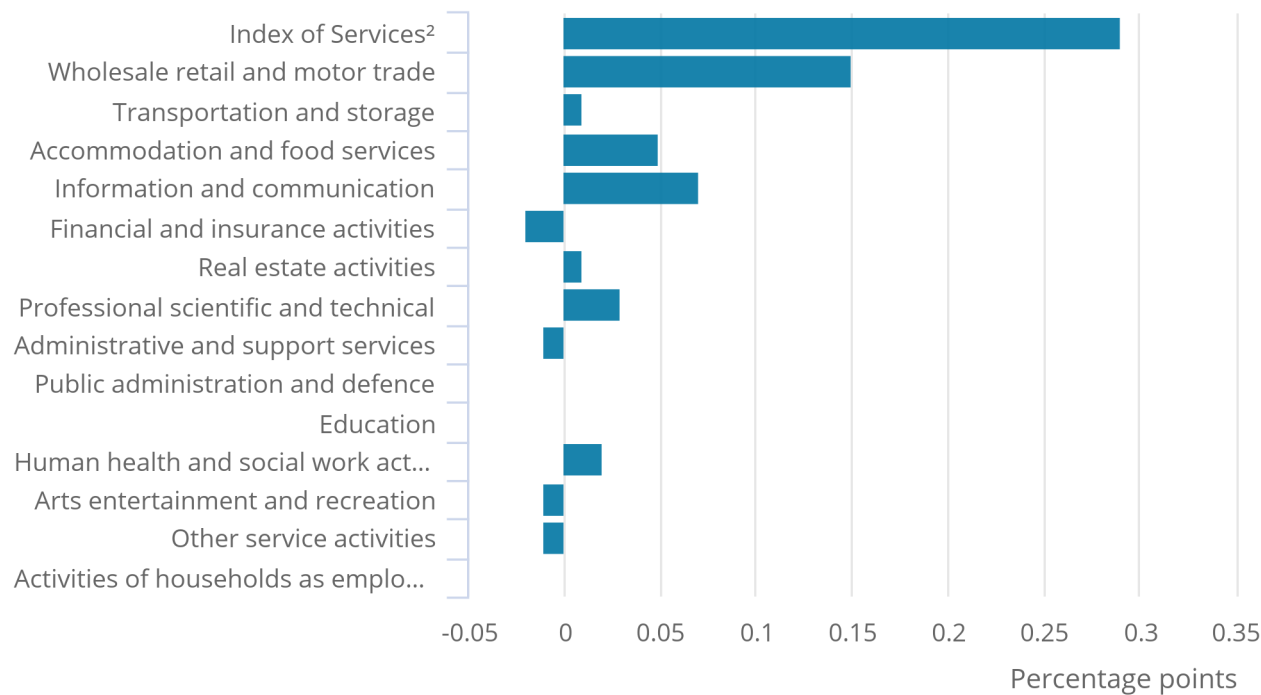
Figure 3 shows the month-on-month contributions of each of the Index of Services sectors for November 2018.

Figure 3: Contributions<sup>1</sup> to growth in services between October 2018 and November 2018

UK

Figure 3: Contributions<sup>1</sup> to growth in services between October 2018 and November 2018

UK



Source: Office for National Statistics - Index of Services

Notes:

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

Growth was widespread in November 2018 with 8 of the 14 sectors increasing, while there were falls in four sectors and two sectors showed no growth.

The wholesale, retail and motor trade sector contributed the most to the monthly increase. It grew by 1.2% and contributed 0.15 percentage points. Within this sector, the retail trade industry was mainly responsible for this increase and contributed the most to month-on-month services. The industry increased by 1.4% and contributed 0.09 percentage points.

Retailers reported strong growth on the month due to Black Friday promotions, with non-food stores making the largest contribution, for more information please see [Retail sales, Great Britain: November 2018](#). There was also growth within this sector for the wholesale trade industry, which increased by 0.9% and contributed 0.04 percentage points.

The information and communication sector also contributed to the month-on-month rise. It increased by 0.9% and contributed 0.07 percentage points. The industries behind this rise were:

- publishing activities, which increased by 4.0%, contributing 0.03 percentage points
- computer programming, which increased by 0.6%, contributing 0.02 percentage points
- information services, which increased by 3.6%, contributing 0.02 percentage points

Software and computer game publishing were behind the growth in publishing activities. Computer consultancy was the main driver behind the increase in the computer programming industry and large businesses were responsible for the rise in information services.

There was also strength in several industries within the professional, scientific and technical activities sector. These were:

- activities of head offices, which increased by 2.3%, contributing 0.04 percentage points
- other professional, scientific and technical activities, which increased by 3.5%, contributing 0.03 percentage points
- architectural and engineering, which increased by 1.4%, contributing 0.03 percentage points

However, these rises were offset by falls in the accounting and auditing activities, and legal activities industries. They fell by 3.3% and 2.5% and contributed negative 0.05 and negative 0.04 percentage points respectively.

## 5 . Motor trade industry

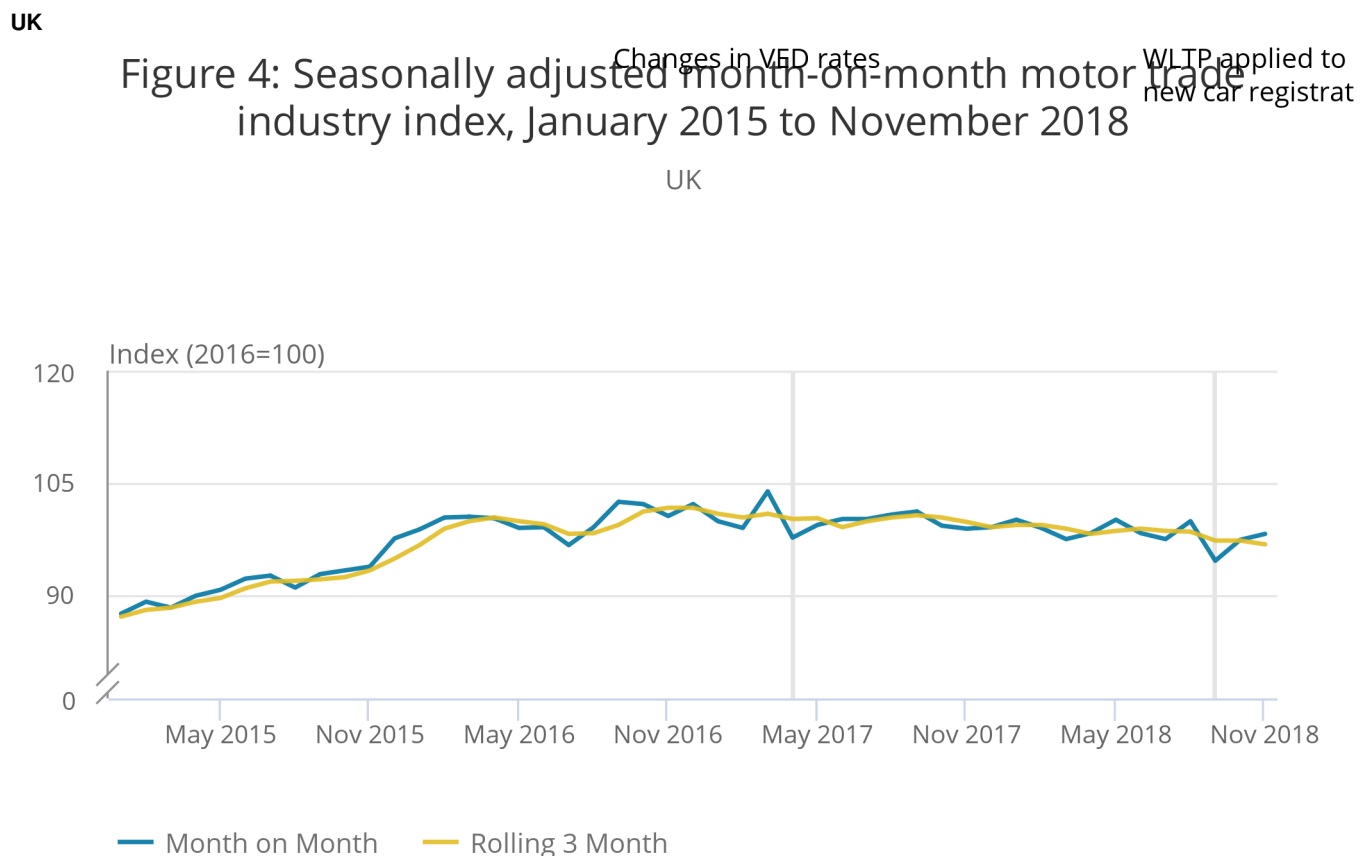
The wholesale and retail trade and repair of motor vehicles and motor cycles industry (UK Standard Industrial Classification 2007: SIC 2007), referred to as the motor trade industry, has an Index of Services (IoS) weight of 23.7 parts per thousand. The industry comprises four parts:

- sale of motor vehicles, which includes the sale of new and used cars
- maintenance and repair of motor vehicles
- sale of motor vehicle parts and accessories
- motorcycle sales, repair and parts

Data for this industry are collected via the Monthly Business Survey and have a sample of approximately 1,200 businesses. The largest proportion of turnover comes from the sale of motor vehicles.

Figure 4 shows the seasonally adjusted month-on-month and three-month on three-month index for the motor trade industry from January 2015 to November 2018.

**Figure 4: Seasonally adjusted month-on-month motor trade industry index, January 2015 to November 2018**



Source: Office for National Statistics - Index of Services

Notes:

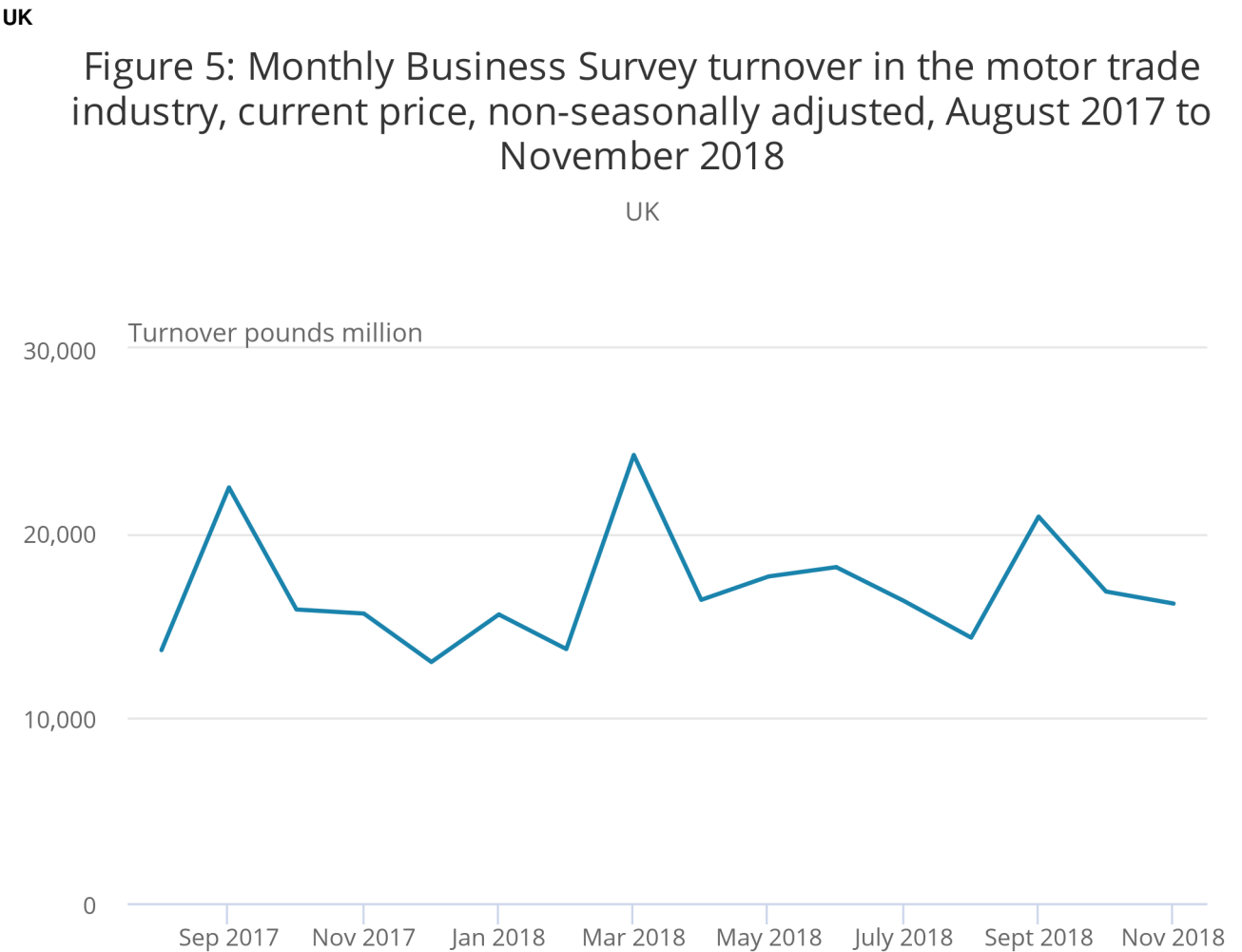
1. VED equals vehicle excise duty
2. WLTP equals worldwide harmonised light vehicle test procedure

The motor trade industry has seen a general rise in its index figures until the end of 2016 but has then flattened in 2017 and weakened in 2018. The exception to this was in March 2017 where the industry saw a large rise before the [changes to Vehicle Excise Duty \(VED\)](#) rates, which took place in April 2017. The [Society of Motor Manufacturers and Traders \(SMMT\)](#) also publish statistics on the motor industry. Their new car market publications have also highlighted a decline in the industry with the demand for diesel-fuelled cars a large factor behind this.

More recently the motor trade industry has been impacted by the worldwide harmonised light vehicle test procedure (WLTP). This was applied to all new car registrations starting from September 2018. These tests are part of new regulations that are used to measure fuel consumption and CO2 emissions from passenger cars, as well as their pollutant emissions. Figure 5 shows the monthly turnover for the motor trade industry since August 2017. The [Monthly Business Survey turnover in services industries dataset](#) is published alongside this release.



**Figure 5: Monthly Business Survey turnover in the motor trade industry, current price, non-seasonally adjusted, August 2017 to November 2018**



**Source: Office for National Statistics - Monthly Business Survey turnover in services**

**Notes:**

1. This dataset is not seasonally adjusted and is based on current prices and therefore does not reflect the impact of price changes.

Motor trade businesses reported a significant impact due to the WLTP. The changes impacted the sale of new cars component within the industry, with businesses reporting that testing affected supply. The industry still saw a rise in the non-seasonally adjusted monthly turnover, which is traditional for September due to the new car registrations (Figure 5). However, the industry saw a fall in turnover when compared with September 2017 as businesses had fewer models available to sell. This resulted in a large decrease for the industry in September 2018 (Figure 4).

Businesses have also reported that as the WLTP created delivery backlogs in September 2018, this stock came through later resulting in some displaced activity to October 2018. October still saw a fall in monthly turnover, which is normal, however, this was less of a fall than in previous years.

The impact from the introduction of the WLTP was also reported in the [Society of Motor Manufacturers and Traders \(SMMT\) September 2018](#) publication, which measures the new car market.

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

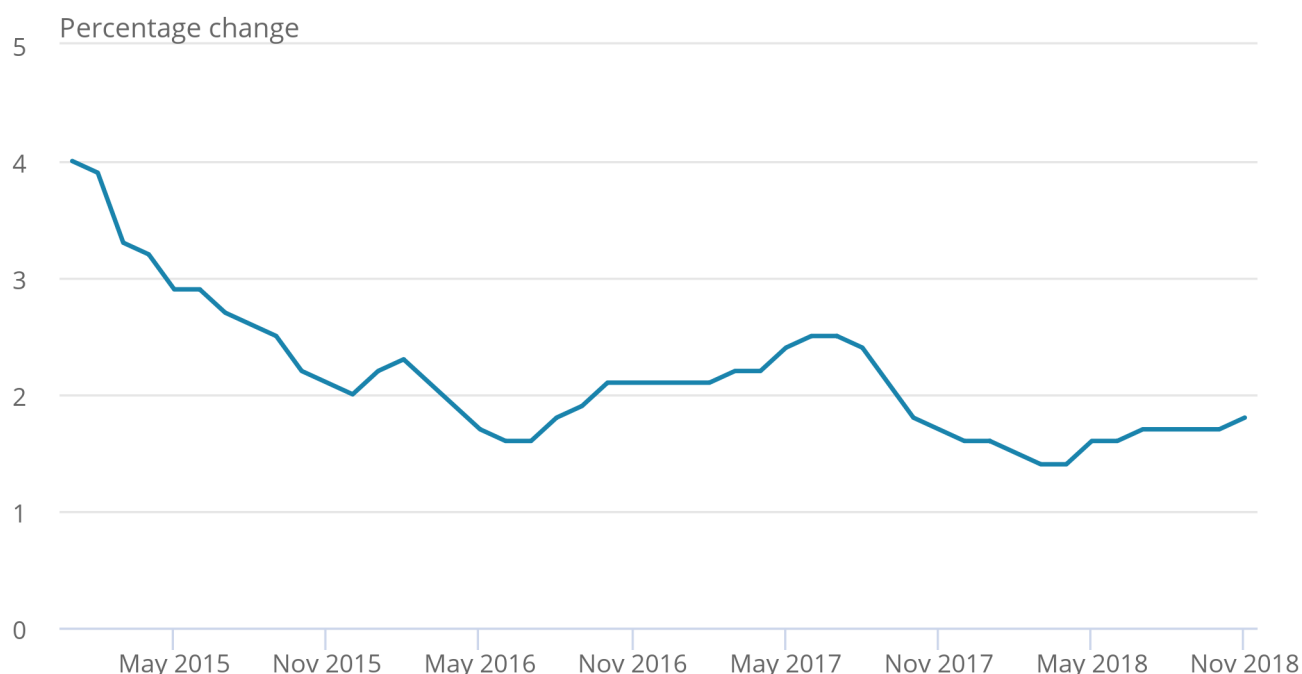
Figure 6 shows the three month on a year ago Index of Services (IoS) growth rates since January 2015.

**Figure 6: Three month on a year ago Index of Services growth between January 2015 and November 2018**

UK

Figure 6: Three month on a year ago Index of Services growth between January 2015 and November 2018

UK



Source: Office for National Statistics - Index of Services

In the three months to November 2018, services output increased by 1.8% compared with the three months ending November 2017. This is the largest growth since the three months to September 2017, which grew by 2.1%. It is also the highest the three month on a year ago growth has been in 2018, which has strengthened since the 1.4% growth in the three months to April 2018.

## 7 . Links to related statistics

Alongside this publication we publish the [Index of Production \(IoP\)](#) and [Construction output in Great Britain](#), allowing for an estimate of [monthly gross domestic product \(GDP\)](#), which is also published today (11 January 2019).

## International comparisons

International comparison with the Index of Services (IoS) is difficult, as most comparable economies do not 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](#).

## 8 . Feedback on this bulletin

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

## 9 . Quality and methodology

The monthly Index of Services (IoS) was developed to provide a timely indicator of growth in the output of services industries, at constant prices for the UK. The IoS is an important component of monthly output (gross domestic product output approach (GDP(O))), representing about 79.6% of UK gross domestic product (GDP) as of 2016. The IoS shares the exact same industry coverage as the corresponding quarterly series within GDP(O).

These data are used to produce seasonally adjusted estimates of output at chained volume measures (removing the effect of price changes). Unless otherwise stated, all estimates included in this release are based on seasonally adjusted data.

The IoS is compiled using data from several different sources (Table 1), this is detailed further in the [GDP\(O\) source catalogue](#). In addition, we include Value Added Tax (VAT) data across 42 services industries for small- and medium-sized businesses. These have been used to supplement data from the Monthly Business Survey (MBS) for the period January 2016 to June 2018. Further information on the use of VAT data was published in the [VAT turnover data in National Accounts: background and methodology update](#).

The [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](#).

Table 1: Percentage of each data source based on their gross value added weight, 2018

	Percentage
Index of Services	100.0
Monthly Business Survey <sup>1</sup> (ONS)	42.4
Retail Sales Inquiry <sup>2</sup> (ONS)	6.7
Government Expenditure (ONS)	20.1
Households Expenditure (ONS)	16.0
Finance Expenditure (ONS)	8.3
Other <sup>3</sup>	6.5

Source: Office for National Statistics

## Notes:

1. The Monthly Business Survey (MBS) data is published alongside this release in [MBS Turnover in services industries](#).
2. Data relating to the retail industry are broadly comparable with [Retail sales, Great Britain: November 2018](#), published on 20 December 2018.
3. For further information on what's included within Other, please see [GDP\(O\) source catalogue](#).

This November 2018 release contains revisions from January 2017 and is consistent with the [National Accounts Revisions Policy](#). 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
- Her Majesty's Revenue and Customs (HMRC) VAT returns replacing MBS data for small- and medium-sized businesses when VAT estimates become available every quarter

Published alongside this release, the Index of Services [datasets](#) contain additional material, including:

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

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

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

Industry sections (SIC2007)					
Section	Total service industries	Distribution hotels and restaurants	Transport, storage and communication	Business services and finance	Government and other services
	G-T	G and I	H and J	K-N	O-T
<b>2016 weights</b>	<b>1000</b>	<b>168</b>	<b>133</b>	<b>421</b>	<b>278</b>
	S2KU	S2MV	KI7B	KI7L	KI7T
2013	92.6	88.3	90.4	92.2	97.0
2014	95.5	92.2	92.9	95.5	99.1
2015	98.1	96.3	96.7	98.0	100.0
2016	100.0	100.0	100.0	100.0	100.0
2017	102.1	102.2	104.9	102.2	100.6
2016 Nov	100.9	101.8	102.0	100.9	99.9
Dec	101.3	102.0	103.8	101.0	100.3
2017 Jan	101.5	101.3	102.9	101.7	100.6
Feb	101.4	101.9	103.0	101.4	100.4
Mar	101.7	101.9	103.8	101.7	100.5
Apr	101.6	102.1	104.0	101.2	100.8
May	101.9	101.6	104.1	102.0	100.8
Jun	102.2	102.2	105.3	102.2	100.7
Jul	102.2	102.5	105.0	102.2	100.6
Aug	102.4	102.6	105.1	102.4	100.8
Sep	102.4	102.4	105.6	102.6	100.6
Oct	102.4	102.5	105.9	102.5	100.5
Nov	102.7	103.2	106.2	103.0	100.2
Dec	102.9	102.5	107.8	103.1	100.5
2018 Jan	103.1	103.0	106.7	103.6	100.6
Feb	102.7	103.1	105.8	103.1	100.5
Mar	103.0	102.8	106.7	103.4	100.8
Apr	103.3	103.7	107.1	103.7	100.9
May	103.6	105.2	107.6	103.6	100.7
Jun	103.7	105.3	108.5	103.5	100.8
Jul	104.1	106.2	108.6	104.0	100.7
Aug	104.1	106.0	109.6	103.9	100.8
Sep	104.0	104.9	110.0	103.9	100.8
Oct	104.3	105.6	108.9	104.4	101.1
Nov	104.6	106.8	109.5	104.4	101.1
<b>Percentage change, latest year on previous year</b>					
	S222	S243	KI77	KI7G	KI7O
2013	1.8	3.4	1.8	2.4	0.2
2014	3.2	4.4	2.8	3.5	2.2
2015	2.7	4.5	4.1	2.6	0.9
2016	1.9	3.8	3.4	2.1	-
2017	2.1	2.2	4.9	2.2	0.6
<b>Percentage change, latest month on same month a year ago</b>					
	S26Q	S28R	KI7A	KI7I	KI7Q
2016 Nov	2.0	4.7	3.9	2.2	-0.7
Dec	2.1	3.6	6.7	1.8	-0.4
2017 Jan	2.3	2.6	4.8	2.7	0.4
Feb	1.9	3.2	4.9	1.7	-0.1
Mar	2.5	3.2	6.4	2.4	0.4
Apr	2.2	3.3	6.0	1.5	1.0
May	2.5	2.1	6.3	2.6	0.8
Jun	2.6	2.9	6.9	2.5	0.7
Jul	2.3	3.5	5.1	2.2	0.5
Aug	2.1	2.3	3.9	2.2	1.0
Sep	1.8	1.3	3.5	2.0	1.0
Oct	1.6	0.7	3.2	2.0	0.8
Nov	1.7	1.3	4.1	2.1	0.3
Dec	1.5	0.6	3.8	2.1	0.2
2018 Jan	1.6	1.7	3.7	1.9	-
Feb	1.3	1.2	2.6	1.6	0.2
Mar	1.3	0.9	2.8	1.7	0.3
Apr	1.7	1.6	2.9	2.4	0.1
May	1.7	3.5	3.4	1.6	-
Jun	1.5	3.0	3.1	1.3	0.1
Jul	1.9	3.5	3.4	1.8	0.1
Aug	1.7	3.3	4.4	1.4	-0.1
Sep	1.6	2.4	4.2	1.3	0.3
Oct	1.8	3.0	2.8	1.9	0.6
Nov	1.9	3.5	3.1	1.4	0.8

1 The IOS output is designated as a National Statistic.

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

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

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

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

Sources: For further information on these data please telephone 01633 456387; fax 01633 455300 or e-mail [ios.enquiries@ons.gov.uk](mailto: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	
<b>2016 weights</b>	<b>1000</b>	<b>168</b>	<b>133</b>	<b>421</b>	<b>278</b>	
<b>Percentage change, latest month on previous month</b>						
	S222	S243	KI77	KI7G	KI7O	
2016 Nov	0.1	-	-0.6	0.4	0.2	
Dec	0.4	0.1	1.7	0.1	0.4	
2017 Jan	0.1	-0.7	-0.9	0.7	0.2	
Feb	-	0.6	0.1	-0.2	-0.2	
Mar	0.3	-	0.8	0.3	0.1	
Apr	-0.1	0.1	0.2	-0.5	0.3	
May	0.2	-0.4	-	0.7	-	
Jun	0.3	0.6	1.1	0.2	-0.1	
Jul	-	0.3	-0.3	-	-0.1	
Aug	0.2	-	0.1	0.2	0.2	
Sep	-	-0.1	0.5	0.1	-0.3	
Oct	-	0.1	0.3	-0.1	-0.1	
Nov	0.3	0.6	0.3	0.5	-0.3	
Dec	0.2	-0.6	1.5	0.1	0.2	
2018 Jan	0.2	0.4	-1.0	0.5	0.1	
Feb	-0.3	0.2	-0.9	-0.5	-0.1	
Mar	0.3	-0.3	0.9	0.3	0.3	
Apr	0.3	0.9	0.3	0.2	-	
May	0.2	1.5	0.5	-0.1	-0.1	
Jun	0.1	0.1	0.8	-	0.1	
Jul	0.3	0.8	0.1	0.5	-0.1	
Aug	0.1	-0.2	1.0	-0.1	-	
Sep	-0.1	-1.0	0.3	-	0.1	
Oct	0.2	0.6	-1.0	0.5	0.2	
Nov	0.3	1.2	0.6	-	-	
<b>Percentage change, latest 3 months on same 3 months a year ago</b>						
	S2G6	S2I7	KI7C	KI7J	KI7R	
2016 Nov	2.1	4.6	5.2	2.0	-0.6	
Dec	2.1	4.4	5.3	1.9	-0.5	
2017 Jan	2.1	3.6	5.1	2.2	-0.2	
Feb	2.1	3.1	5.4	2.1	-0.1	
Mar	2.2	3.0	5.4	2.3	0.2	
Apr	2.2	3.2	5.8	1.9	0.4	
May	2.4	2.8	6.3	2.1	0.7	
Jun	2.5	2.7	6.4	2.2	0.8	
Jul	2.5	2.8	6.1	2.4	0.7	
Aug	2.4	2.9	5.3	2.3	0.7	
Sep	2.1	2.4	4.2	2.1	0.8	
Oct	1.8	1.4	3.5	2.1	0.9	
Nov	1.7	1.1	3.6	2.0	0.7	
Dec	1.6	0.8	3.7	2.0	0.4	
2018 Jan	1.6	1.2	3.9	2.0	0.2	
Feb	1.5	1.2	3.4	1.9	0.1	
Mar	1.4	1.3	3.0	1.8	0.2	
Apr	1.4	1.2	2.8	1.9	0.2	
May	1.6	2.0	3.0	1.9	0.1	
Jun	1.6	2.7	3.1	1.8	0.1	
Jul	1.7	3.4	3.3	1.6	0.1	
Aug	1.7	3.3	3.6	1.5	0.1	
Sep	1.7	3.1	4.0	1.5	0.1	
Oct	1.7	2.9	3.8	1.6	0.3	
Nov	1.8	3.0	3.4	1.5	0.6	

1 The IOS output is designated as a National Statistic.

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**IOS<sup>1</sup>**

continued

**IOS: Index of Services <sup>1</sup>****Chained volume indices of gross value added <sup>2,3,4</sup>**

seasonally adjusted 2016 = 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	
<b>2016 weights</b>	<b>1000</b>	<b>168</b>	<b>133</b>	<b>421</b>	<b>278</b>	
<b>Percentage change, latest 3 months on previous 3 months</b>						
	S2BG	S2DH	KI7D	KI7K	KI7S	
2016 Nov	0.9	2.1	2.4	0.7	-0.2	
Dec	0.8	1.7	1.8	0.5	0.1	
2017 Jan	0.7	0.6	1.0	0.7	0.5	
Feb	0.6	0.1	1.0	0.7	0.7	
Mar	0.5	-0.2	0.4	0.8	0.5	
Apr	0.3	0.3	0.7	0.3	0.3	
May	0.3	0.2	0.7	0.3	0.3	
Jun	0.4	0.3	1.2	0.2	0.3	
Jul	0.5	0.2	1.1	0.6	0.2	
Aug	0.5	0.5	1.1	0.6	-	
Sep	0.4	0.5	0.7	0.6	-0.1	
Oct	0.3	0.4	0.7	0.4	-0.1	
Nov	0.2	0.3	0.8	0.4	-0.3	
Dec	0.3	0.2	1.3	0.4	-0.3	
2018 Jan	0.5	0.4	1.3	0.7	-0.2	
Feb	0.4	0.2	0.8	0.6	0.1	
Mar	0.3	0.2	-0.2	0.5	0.2	
Apr	0.2	0.3	-0.4	0.2	0.3	
May	0.4	1.0	0.4	0.3	0.3	
Jun	0.6	1.7	1.3	0.2	0.2	
Jul	0.7	2.3	1.6	0.3	-	
Aug	0.6	1.8	1.6	0.3	-	
Sep	0.5	0.9	1.5	0.4	-	
Oct	0.3	-0.1	1.2	0.4	0.1	
Nov	0.3	-	0.5	0.4	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](mailto: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
<b>2016 weights</b>	<b>1000</b>	<b>168</b>	<b>133</b>	<b>421</b>	<b>278</b>
	S2KU	S2MV	KI7B	KI7L	KI7T
2013	-	-	-	-	-
2014	-	-	-	-	-
2015	-	-	-	-	-
2016	-	-	-	-	-
2017	0.1	0.1	0.3	0.1	0.2
2016 Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2017 Jan	0.1	0.1	0.2	0.1	0.1
Feb	-	0.1	0.2	-	0.1
Mar	0.1	0.1	-	0.1	0.1
Apr	-	0.2	-	-	0.1
May	0.1	-	0.2	-	0.1
Jun	0.1	-	0.3	-	0.2
Jul	0.2	0.1	0.4	0.1	0.2
Aug	0.2	0.2	0.1	-	0.2
Sep	0.3	0.4	0.3	0.2	0.3
Oct	0.2	0.3	0.6	-	0.1
Nov	0.2	0.3	0.4	-	0.1
Dec	0.2	0.3	0.3	0.1	0.2
2018 Jan	0.2	0.2	0.2	0.1	0.3
Feb	0.1	0.2	0.3	-	0.2
Mar	0.2	0.4	0.2	0.1	0.1
Apr	0.1	0.4	0.1	0.1	-
May	0.1	0.3	-	0.2	-0.1
Jun	0.2	0.5	-	0.3	-
Jul	0.3	0.5	0.1	0.3	0.1
Aug	0.2	0.4	0.3	0.3	0.1
Sep	0.2	0.7	0.1	0.2	-
Oct	0.3	0.9	-0.3	0.3	0.1
<b>Percentage change, latest year on previous year</b>					
	S222	S243	KI77	KI7G	KI7O
2013	-	-	-	-	-
2014	-	-	-	-	-
2015	-	-	-	-	-
2016	-	-	-	-	-
2017	0.1	0.1	0.3	0.1	0.2
<b>Percentage change, latest month on same month a year ago</b>					
	S26Q	S28R	KI7A	KI7I	KI7Q
2016 Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2017 Jan	0.1	0.1	0.2	0.1	0.1
Feb	0.1	0.1	0.2	-	0.1
Mar	0.1	0.2	-	-	-
Apr	-	0.1	-	0.1	0.1
May	0.1	-	0.1	-	0.1
Jun	-	-	0.3	-	0.2
Jul	0.1	0.2	0.3	0.1	0.2
Aug	0.1	0.1	0.1	0.1	0.2
Sep	0.3	0.5	0.3	0.2	0.3
Oct	0.2	0.4	0.6	-	0.2
Nov	0.1	0.3	0.4	-	0.1
Dec	0.1	0.3	0.3	-	0.2
2018 Jan	0.1	0.1	-	-	0.2
Feb	0.1	0.2	-	-	0.2
Mar	0.1	0.3	0.3	0.1	-
Apr	0.1	0.2	-	0.1	-0.1
May	0.1	0.3	-0.2	0.2	-0.1
Jun	0.1	0.5	-0.2	0.3	-0.2
Jul	0.1	0.3	-0.4	0.2	-0.1
Aug	0.1	0.2	0.3	0.2	-0.2
Sep	-	0.2	-0.2	0.1	-0.2
Oct	-	0.6	-0.9	0.3	-

The earliest period open for revision is January 2017

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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
<b>2016 weights</b>	<b>1000</b>	<b>168</b>	<b>133</b>	<b>421</b>	<b>278</b>
<b>Percentage change, latest month on previous month</b>					
	S222	S243	KI77	KI7G	KI7O
2016 Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2017 Jan	0.1	0.1	0.1	0.1	-
Feb	-	-0.1	0.1	-	-
Mar	-	-	-0.2	0.1	-
Apr	-	-	0.1	-0.1	0.1
May	-	-0.1	0.1	-0.1	-
Jun	-	-	0.1	-	-
Jul	0.1	0.1	0.1	0.1	-
Aug	-	-	-0.3	-	-
Sep	0.1	0.3	0.2	-	-
Oct	-0.1	-0.1	0.2	-0.1	-0.1
Nov	-	-0.1	-0.1	-	-
Dec	-	-	-0.1	-	-
2018 Jan	-	-0.1	-0.1	-	-
Feb	-	0.1	0.1	-	-0.1
Mar	0.1	0.2	-0.1	0.1	-0.1
Apr	-0.1	-	-0.2	-0.1	-0.2
May	-	-	-0.1	0.1	-
Jun	0.1	0.2	-	0.2	0.1
Jul	-	-0.1	0.1	-	-
Aug	0.1	-0.2	0.3	-	-
Sep	-	0.3	-0.2	-0.1	-0.1
Oct	-	0.1	-0.4	0.1	-
<b>Percentage change, latest 3 months on same 3 months a year ago</b>					
	S2G6	S2I7	KI7C	KI7J	KI7R
2016 Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2017 Jan	-	-	-	-	0.1
Feb	-	-	0.1	0.1	-
Mar	-	0.1	0.2	0.1	-
Apr	0.1	0.1	0.1	0.1	-
May	-	-	0.1	-	0.1
Jun	0.1	-	0.2	-	0.1
Jul	0.1	-	0.3	-	0.2
Aug	0.2	0.1	0.3	-	0.2
Sep	0.2	0.3	0.3	0.1	0.2
Oct	0.2	0.3	0.3	0.1	0.2
Nov	0.2	0.4	0.4	0.1	0.2
Dec	0.1	0.3	0.4	-	0.1
2018 Jan	0.1	0.2	0.3	-	0.2
Feb	0.1	0.2	0.1	-	0.2
Mar	0.1	0.2	0.1	0.1	0.2
Apr	0.1	0.2	0.1	-	0.1
May	0.1	0.3	-	0.1	-0.1
Jun	0.1	0.4	-0.2	0.2	-0.1
Jul	0.1	0.4	-0.3	0.3	-0.1
Aug	0.1	0.4	-0.1	0.3	-0.1
Sep	-	0.3	-0.1	0.2	-0.2
Oct	-	0.3	-0.3	0.3	-0.1

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continued

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

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# IOSCOMP

IOS: Index of Services

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

seasonally adjusted 2016 = 100

Industry components (SIC2007)					
Component	Wholesale and retail trade, except of motor vehicles and motorcycles				
	Wholesale, retail and motor trades	Wholesale and retail trade and repair of motor vehicles and motorcycles	Wholesale trade, except of motor vehicles and motorcycles	Retail trade, except of motor vehicles and motorcycles	Transportation and storage
	G	45	46	47	H
2016 weights	131	24	43	64	54
	S2KV	S2KW	S2KX	S2KY	S2KZ
2013	87.4	76.9	91.6	88.8	94.1
2014	91.7	83.6	96.2	91.9	99.0
2015	95.8	91.5	98.8	95.5	100.3
2016	100.0	100.0	100.0	100.0	100.0
2017	102.1	99.9	103.3	102.0	102.1
2016 Nov	101.9	100.5	102.1	102.2	100.8
Dec	102.0	102.1	104.2	100.7	102.1
2017 Jan	101.0	99.8	102.1	100.8	102.3
Feb	101.4	98.9	102.5	101.5	102.5
Mar	101.8	103.8	101.9	101.0	103.2
Apr	101.7	97.6	102.7	102.6	101.6
May	101.3	99.3	102.4	101.2	102.0
Jun	102.3	100.1	104.4	101.7	100.8
Jul	102.0	100.1	103.3	101.9	101.6
Aug	102.6	100.7	103.5	102.7	101.5
Sep	102.6	101.1	103.9	102.3	101.8
Oct	102.6	99.2	104.2	102.9	102.3
Nov	103.1	98.8	105.1	103.5	102.6
Dec	102.3	99.0	103.9	102.5	102.8
2018 Jan	102.6	100.0	104.5	102.3	102.3
Feb	103.2	98.9	105.7	103.1	101.0
Mar	102.6	97.4	105.9	102.3	100.8
Apr	103.5	98.2	106.3	103.6	101.9
May	105.2	100.0	108.0	105.3	102.7
Jun	104.9	98.2	108.8	104.9	103.0
Jul	105.8	97.4	110.6	105.8	103.4
Aug	106.0	99.8	109.3	106.1	103.3
Sep	104.9	94.5	109.3	105.7	103.0
Oct	105.6	97.3	110.7	105.3	104.1
Nov	106.8	98.1	111.7	106.8	104.2
Percentage change, latest year on previous year					
	S223	S224	S225	S226	S227
2013	5.0	11.0	8.1	1.2	1.1
2014	4.9	8.8	5.1	3.5	5.2
2015	4.5	9.3	2.7	4.0	1.3
2016	4.4	9.3	1.2	4.7	-0.3
2017	2.1	-0.1	3.3	2.0	2.1
Percentage change, latest month on same month a year ago					
	S26R	S26S	S26T	S26U	S26V
2016 Nov	5.4	7.3	3.9	5.6	0.7
Dec	4.3	4.7	4.9	3.8	2.0
2017 Jan	2.5	1.2	3.1	2.5	2.7
Feb	2.9	-1.3	4.4	3.4	2.8
Mar	3.1	3.3	3.2	2.8	4.6
Apr	2.8	-2.6	3.5	4.3	2.1
May	1.7	0.5	4.0	0.7	2.7
Jun	3.2	1.1	4.7	2.9	1.3
Jul	2.8	3.7	4.9	1.2	2.5
Aug	2.5	1.7	3.4	2.1	1.4
Sep	1.5	-1.3	3.2	1.5	1.2
Oct	0.5	-2.8	2.9	0.3	1.2
Nov	1.3	-1.7	2.9	1.2	1.8
Dec	0.3	-3.0	-0.3	1.8	0.8
2018 Jan	1.6	0.2	2.4	1.5	-
Feb	1.8	-0.1	3.1	1.6	-1.4
Mar	0.8	-6.1	3.9	1.3	-2.3
Apr	1.8	0.6	3.5	1.0	0.3
May	3.9	0.7	5.5	4.0	0.7
Jun	2.5	-1.9	4.1	3.1	2.2
Jul	3.7	-2.7	7.0	3.8	1.8
Aug	3.4	-0.9	5.6	3.3	1.8
Sep	2.2	-6.5	5.3	3.3	1.1
Oct	2.9	-1.8	6.2	2.3	1.7
Nov	3.6	-0.7	6.3	3.2	1.6

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

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

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

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# IOSCOMP

IOS: Index of Services

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

seasonally adjusted 2016 = 100

continued

Industry components (SIC2007)					
Component	Wholesale and retail trade and repair of motor vehicles and motorcycles				
	Wholesale, retail and motor trades	Wholesale and retail trade and repair of motor vehicles and motorcycles	Wholesale trade, except of motor vehicles and motorcycles	Retail trade, except of motor vehicles and motorcycles	Transportation and storage
Component	G	45	46	47	H
2016 weights	131	24	43	64	54

## Percentage change, latest month on previous month

	S223	S224	S225	S226	S227
2016 Nov	-0.2	-1.6	0.9	-0.4	-0.3
Dec	0.2	1.6	2.1	-1.5	1.2
2017 Jan	-1.0	-2.2	-2.1	-	0.2
Feb	0.3	-0.9	0.5	0.8	0.2
Mar	0.4	4.9	-0.6	-0.5	0.7
Apr	-0.1	-5.9	0.8	1.6	-1.5
May	-0.4	1.8	-0.3	-1.3	0.4
Jun	1.0	0.7	2.0	0.5	-1.2
Jul	-0.3	-	-1.1	0.2	0.8
Aug	0.5	0.6	0.2	0.8	-
Sep	-	0.4	0.4	-0.3	0.3
Oct	-	-1.9	0.3	0.5	0.5
Nov	0.5	-0.4	0.9	0.5	0.3
Dec	-0.8	0.2	-1.1	-0.9	0.2
2018 Jan	0.3	1.0	0.6	-0.2	-0.5
Feb	0.6	-1.2	1.2	0.8	-1.2
Mar	-0.6	-1.5	0.1	-0.8	-0.2
Apr	0.9	0.8	0.4	1.3	1.0
May	1.7	1.9	1.6	1.6	0.8
Jun	-0.3	-1.8	0.7	-0.4	0.3
Jul	0.9	-0.9	1.7	0.9	0.4
Aug	0.2	2.5	-1.1	0.3	-
Sep	-1.1	-5.3	-	-0.4	-0.3
Oct	0.7	3.0	1.2	-0.4	1.0
Nov	1.2	0.8	0.9	1.4	0.2

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

	S2G7	S2G8	S2G9	S2GA	S2GB
2016 Nov	5.5	9.1	3.1	5.6	0.4
Dec	5.3	7.1	3.8	5.5	1.1
2017 Jan	4.0	4.3	4.0	4.0	1.8
Feb	3.2	1.5	4.1	3.2	2.5
Mar	2.8	1.1	3.6	2.9	3.4
Apr	2.9	-0.2	3.7	3.5	3.2
May	2.5	0.4	3.6	2.6	3.2
Jun	2.6	-0.4	4.1	2.6	2.1
Jul	2.6	1.7	4.5	1.6	2.2
Aug	2.8	2.2	4.3	2.1	1.7
Sep	2.3	1.3	3.8	1.6	1.7
Oct	1.5	-0.8	3.2	1.3	1.3
Nov	1.1	-1.9	3.0	1.0	1.4
Dec	0.7	-2.5	1.8	1.1	1.2
2018 Jan	1.0	-1.5	1.7	1.5	0.9
Feb	1.2	-1.0	1.7	1.6	-0.2
Mar	1.4	-2.1	3.2	1.5	-1.2
Apr	1.5	-1.9	3.5	1.3	-1.1
May	2.2	-1.7	4.3	2.1	-0.5
Jun	2.7	-0.2	4.4	2.7	1.0
Jul	3.4	-1.3	5.5	3.6	1.5
Aug	3.2	-1.8	5.6	3.4	1.9
Sep	3.1	-3.4	6.0	3.5	1.6
Oct	2.8	-3.1	5.7	3.0	1.5
Nov	2.9	-3.0	5.9	3.0	1.5

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# IOSCOMP

IOS: Index of Services

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

seasonally adjusted 2016 = 100

continued

Component	Industry components (SIC2007)				
	Wholesale, retail and motor trades	Wholesale and retail trade and repair of motor vehicles and motorcycles	Wholesale trade, except of motor vehicles and motorcycles	Retail trade, except of motor vehicles and motorcycles	Transportation and storage
	G	45	46	47	H
<b>2016 weights</b>	<b>131</b>	<b>24</b>	<b>43</b>	<b>64</b>	<b>54</b>

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

	S2BH	S2BI	S2BJ	S2BK	S2BL
2016 Nov	2.2	3.6	1.9	1.8	1.3
Dec	1.8	2.3	2.8	1.1	1.4
2017 Jan	0.5	-0.3	2.2	-0.1	1.0
Feb	-0.2	-1.3	1.6	-0.9	1.4
Mar	-0.6	-0.7	-0.3	-0.8	1.3
Apr	-	-0.7	-0.4	0.4	0.7
May	0.1	-0.1	-0.6	0.6	-
Jun	0.4	-1.8	1.0	0.8	-1.1
Jul	0.3	-0.3	1.0	-0.1	-0.9
Aug	0.7	-	1.4	0.5	-0.9
Sep	0.6	1.6	0.4	0.5	0.2
Oct	0.7	0.5	0.4	1.0	0.4
Nov	0.5	-0.6	0.6	0.8	0.9
Dec	0.3	-1.6	0.8	0.6	0.9
2018 Jan	0.1	-1.0	0.7	0.1	0.7
Feb	-0.1	-0.4	0.4	-0.2	-0.2
Mar	0.1	-0.2	1.0	-0.4	-1.2
Apr	0.4	-1.2	1.4	0.2	-1.3
May	1.0	-0.8	1.9	1.1	-0.3
Jun	1.7	-	2.2	2.0	1.1
Jul	2.2	0.4	3.0	2.3	1.7
Aug	1.8	-0.1	2.7	1.8	1.4
Sep	1.0	-1.6	1.9	1.3	0.7
Oct	0.2	-1.3	0.6	0.4	0.4
Nov	0.2	-1.8	0.9	0.3	0.5

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# IOSCOMP

IOS: Index of Services

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

seasonally adjusted 2016 = 100

continued

continued

Industry components (SIC2007)					
	Land transport, excluding rail transport		Water transport	Air transport	Warehousing and support activities for transportation
Component	Rail transport 49.1-2	49.3-5	50	51	52
2016 weights	4	19	4	6	13
	S2L2	S2L3	S2L4	S2L5	S2L6
2013	91.5	86.6	130.5	85.8	96.1
2014	97.1	93.2	127.3	90.5	104.0
2015	99.2	97.8	109.7	93.0	104.2
2016	100.0	100.0	100.0	100.0	100.0
2017	101.7	98.4	94.8	105.1	103.9
2016 Nov	100.5	101.4	99.2	99.9	99.7
Dec	101.6	101.8	95.3	100.4	102.6
2017 Jan	102.8	101.2	94.9	102.4	102.9
Feb	103.2	100.9	94.7	105.3	103.1
Mar	102.5	101.0	94.8	106.1	103.6
Apr	101.1	98.8	95.1	106.0	103.5
May	100.3	98.5	95.5	106.1	103.0
Jun	100.5	94.9	95.8	106.4	102.7
Jul	101.4	97.6	95.9	107.4	101.7
Aug	102.1	97.9	95.5	103.9	102.2
Sep	102.2	98.3	94.7	104.0	103.8
Oct	101.8	97.6	94.6	103.6	106.6
Nov	101.3	97.2	93.9	104.8	107.0
Dec	100.9	96.9	92.0	105.5	107.1
2018 Jan	100.7	97.5	91.5	105.6	107.5
Feb	100.8	94.7	91.7	105.4	107.4
Mar	101.1	94.4	91.7	105.0	105.9
Apr	101.5	95.4	91.5	110.3	107.0
May	101.9	95.2	91.5	113.3	108.2
Jun	102.2	95.0	91.5	114.0	110.3
Jul	102.4	96.1	91.6	114.4	110.2
Aug	102.6	96.8	91.7	116.1	108.8
Sep	102.8	96.6	91.5	116.9	107.7
Oct	103.0	96.7	91.1	118.0	109.5
Nov	103.2	97.1	90.7	117.8	109.7
Percentage change, latest year on previous year					
	S228	S229	S22A	S22B	S22C
2013	1.9	1.2	-7.5	3.8	2.6
2014	6.2	7.6	-2.4	5.5	8.2
2015	2.1	5.0	-13.9	2.8	0.3
2016	0.8	2.2	-8.8	7.5	-4.1
2017	1.7	-1.6	-5.2	5.1	3.9
Percentage change, latest month on same month a year ago					
	S26W	S26X	S26Y	S26Z	S272
2016 Nov	1.0	1.5	-4.7	3.6	-3.3
Dec	1.7	3.6	-8.0	6.1	2.4
2017 Jan	3.6	2.2	-6.6	5.2	3.2
Feb	3.7	1.6	-6.6	5.5	3.6
Mar	2.7	2.4	-6.1	8.7	5.0
Apr	1.4	-0.4	-5.8	8.3	2.4
May	0.8	-0.3	-4.9	6.8	3.3
Jun	0.9	-5.1	-4.0	6.3	3.4
Jul	1.1	-	-3.6	6.1	0.7
Aug	1.9	-2.2	-4.2	1.8	1.8
Sep	2.2	-3.4	-5.7	1.5	4.9
Oct	1.8	-4.6	-6.1	1.8	7.4
Nov	0.8	-4.2	-5.4	4.9	7.3
Dec	-0.7	-4.8	-3.5	5.1	4.4
2018 Jan	-2.0	-3.7	-3.7	3.0	4.5
Feb	-2.4	-6.1	-3.2	0.1	4.1
Mar	-1.3	-6.5	-3.3	-1.0	2.2
Apr	0.4	-3.4	-3.7	4.1	3.4
May	1.7	-3.3	-4.2	6.9	5.0
Jun	1.8	0.1	-4.5	7.1	7.5
Jul	1.1	-1.5	-4.4	6.5	8.4
Aug	0.5	-1.1	-4.1	11.7	6.5
Sep	0.5	-1.7	-3.4	12.3	3.8
Oct	1.1	-1.0	-3.7	13.9	2.8
Nov	1.9	-0.1	-3.3	12.4	2.5

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# IOSCOMP

IOS: Index of Services

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

seasonally adjusted 2016 = 100

continued

Industry components (SIC2007)					
	Rail transport	Land transport, excluding rail transport	Water transport	Air transport	Warehousing and support activities for transportation
Component	49.1-2	49.3-5	50	51	52
2016 weights	4	19	4	6	13

## Percentage change, latest month on previous month

	S228	S229	S22A	S22B	S22C
2016 Nov	0.4	-0.9	-1.5	-1.8	0.4
Dec	1.1	0.4	-4.0	0.5	2.9
2017 Jan	1.2	-0.5	-0.4	2.0	0.3
Feb	0.4	-0.3	-0.2	2.8	0.3
Mar	-0.8	-	0.1	0.7	0.5
Apr	-1.3	-2.1	0.3	-	-0.1
May	-0.9	-0.4	0.4	-	-0.5
Jun	0.2	-3.6	0.3	0.3	-0.3
Jul	0.9	2.8	0.1	0.9	-1.0
Aug	0.8	0.3	-0.4	-3.2	0.5
Sep	0.1	0.4	-0.9	0.1	1.6
Oct	-0.4	-0.6	-0.1	-0.4	2.7
Nov	-0.5	-0.5	-0.8	1.1	0.3
Dec	-0.4	-0.3	-2.0	0.7	0.2
2018 Jan	-0.2	0.6	-0.6	0.1	0.3
Feb	0.1	-2.8	0.2	-0.2	-0.1
Mar	0.3	-0.4	-	-0.4	-1.4
Apr	0.4	1.2	-0.1	5.1	1.0
May	0.4	-0.2	-0.1	2.7	1.1
Jun	0.3	-0.3	0.1	0.6	1.9
Jul	0.2	1.2	0.1	0.4	-0.1
Aug	0.2	0.7	-	1.5	-1.2
Sep	0.2	-0.2	-0.2	0.6	-1.0
Oct	0.2	0.1	-0.4	1.0	1.7
Nov	0.2	0.4	-0.4	-0.2	0.1

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

	S2GC	S2GD	S2GE	S2GF	S2GG
2016 Nov	0.8	2.7	-4.6	6.3	-3.9
Dec	1.1	3.0	-5.6	5.2	-1.4
2017 Jan	2.1	2.4	-6.4	5.0	0.7
Feb	3.0	2.5	-7.1	5.6	3.0
Mar	3.3	2.1	-6.4	6.5	3.9
Apr	2.6	1.2	-6.1	7.5	3.6
May	1.6	0.5	-5.6	8.0	3.6
Jun	1.0	-2.0	-4.9	7.1	3.0
Jul	0.9	-1.8	-4.2	6.4	2.4
Aug	1.3	-2.5	-4.0	4.7	1.9
Sep	1.7	-1.9	-4.5	3.1	2.4
Oct	2.0	-3.4	-5.3	1.7	4.7
Nov	1.6	-4.1	-5.7	2.7	6.5
Dec	0.6	-4.5	-5.0	3.9	6.3
2018 Jan	-0.7	-4.2	-4.2	4.3	5.4
Feb	-1.7	-4.9	-3.5	2.7	4.3
Mar	-1.9	-5.5	-3.4	0.7	3.6
Apr	-1.1	-5.4	-3.4	1.1	3.3
May	0.2	-4.4	-3.7	3.3	3.6
Jun	1.3	-2.2	-4.1	6.0	5.3
Jul	1.5	-1.6	-4.4	6.8	7.0
Aug	1.1	-0.9	-4.3	8.4	7.4
Sep	0.7	-1.4	-4.0	10.2	6.2
Oct	0.7	-1.3	-3.7	12.7	4.3
Nov	1.2	-0.9	-3.5	12.9	3.0

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# IOSCOMP

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

seasonally adjusted 2016 = 100

continued

Component	Industry components (SIC2007)				
	Rail transport	Land transport, excluding rail transport	Water transport	Air transport	Warehousing and support activities for transportation
2016 weights	49.1-2	49.3-5	50	51	52
	4	19	4	6	13

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

	S2BM	S2BN	S2BO	S2BP	S2BQ
2016 Nov	0.1	2.6	0.5	0.2	-0.9
Dec	0.5	2.0	-1.5	-1.2	0.4
2017 Jan	1.5	0.1	-3.8	-1.2	2.2
Feb	2.4	-0.5	-5.1	1.3	3.6
Mar	2.1	-0.8	-3.7	3.9	2.7
Apr	0.7	-1.2	-1.7	4.8	1.7
May	-1.2	-1.9	0.1	3.2	0.5
Jun	-2.2	-3.6	0.7	1.5	-0.1
Jul	-1.6	-3.3	0.9	0.8	-0.9
Aug	-	-2.6	0.7	-0.1	-1.2
Sep	1.3	0.5	-0.1	-1.0	-0.5
Oct	1.4	1.0	-0.8	-2.6	1.7
Nov	0.5	0.9	-1.4	-1.7	3.5
Dec	-0.6	-0.7	-2.0	-0.5	4.2
2018 Jan	-1.1	-0.7	-2.6	1.4	2.9
Feb	-1.0	-1.3	-2.9	1.3	1.5
Mar	-0.4	-1.8	-2.0	0.7	-
Apr	0.2	-2.4	-0.9	1.6	-0.4
May	0.7	-1.4	-0.2	3.9	-0.2
Jun	1.0	-0.3	-0.1	6.9	1.5
Jul	1.0	0.6	-0.1	6.6	2.6
Aug	0.9	1.0	-	4.8	2.5
Sep	0.7	1.4	0.1	2.9	0.3
Oct	0.6	1.3	-0.1	2.7	-0.8
Nov	0.5	0.9	-0.5	2.3	-0.7

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# IOSCOMP

IOS: Index of Services

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

seasonally adjusted 2016 = 100

continued

Industry components (SIC2007)					
Component	Postal and courier activities 53	Accommodation and food services I	Accommodation 55	Food and beverage service activities 56	Information and communication J
2016 weights	8	37	10	27	79
	S2L7	S2L8	S2L9	S2LA	S2LB
2013	99.2	91.5	84.6	94.2	87.9
2014	98.4	94.0	86.7	96.9	89.0
2015	101.0	98.5	96.6	99.2	94.3
2016	100.0	100.0	100.0	100.0	100.0
2017	109.9	102.8	101.2	103.4	106.8
2016 Nov	103.2	101.7	101.9	101.7	102.9
Dec	107.3	101.7	101.8	101.6	105.0
2017 Jan	107.4	102.1	101.4	102.4	103.4
Feb	106.8	103.6	100.4	104.8	103.4
Mar	110.7	102.5	100.2	103.4	104.3
Apr	105.6	103.3	101.9	103.8	105.7
May	110.2	102.9	100.7	103.7	105.5
Jun	110.5	101.7	99.5	102.6	108.3
Jul	110.0	104.2	103.4	104.5	107.3
Aug	110.6	102.4	100.3	103.2	107.5
Sep	109.5	101.9	100.2	102.5	108.2
Oct	110.0	102.1	101.1	102.5	108.3
Nov	112.2	103.2	101.8	103.7	108.7
Dec	114.9	103.2	103.5	103.0	111.2
2018 Jan	109.4	104.2	103.3	104.5	109.7
Feb	107.6	102.9	101.7	103.4	109.0
Mar	109.7	103.6	105.6	102.8	110.7
Apr	108.2	104.4	105.2	104.1	110.6
May	109.9	105.2	107.1	104.5	111.0
Jun	108.4	106.5	108.6	105.7	112.3
Jul	108.1	107.3	111.4	105.8	112.1
Aug	107.4	105.8	107.1	105.3	113.9
Sep	106.6	105.2	106.3	104.8	114.8
Oct	109.9	105.5	106.3	105.2	112.2
Nov	110.4	106.8	108.3	106.2	113.2
<b>Percentage change, latest year on previous year</b>					
	S22D	S22E	S22F	S22G	S22H
2013	1.5	-2.7	3.2	-4.7	2.3
2014	-0.7	2.7	2.4	2.8	1.3
2015	2.6	4.8	11.4	2.4	6.0
2016	-1.0	1.5	3.6	0.8	6.0
2017	9.9	2.8	1.2	3.4	6.8
<b>Percentage change, latest month on same month a year ago</b>					
	S273	S274	S275	S276	S277
2016 Nov	6.4	2.0	4.3	1.2	6.3
Dec	0.9	1.0	2.9	0.3	10.0
2017 Jan	5.9	3.1	5.5	2.3	6.2
Feb	7.3	4.2	-1.0	6.2	6.4
Mar	13.6	3.5	-0.6	5.1	7.6
Apr	8.1	5.1	3.2	5.8	8.7
May	11.1	3.4	2.0	4.0	8.9
Jun	13.1	1.6	0.2	2.2	10.7
Jul	13.5	6.0	4.4	6.6	7.0
Aug	12.4	1.9	-1.2	3.1	5.6
Sep	9.9	0.5	1.0	0.3	5.1
Oct	8.2	1.1	-0.2	1.6	4.5
Nov	8.8	1.5	-	2.0	5.6
Dec	7.1	1.5	1.7	1.4	5.9
2018 Jan	1.8	2.1	1.9	2.1	6.1
Feb	0.8	-0.7	1.3	-1.4	5.4
Mar	-0.9	1.1	5.5	-0.5	6.2
Apr	2.4	1.1	3.3	0.2	4.6
May	-0.3	2.3	6.3	0.8	5.2
Jun	-2.0	4.7	9.2	3.1	3.7
Jul	-1.7	2.9	7.7	1.2	4.5
Aug	-3.0	3.3	6.8	2.0	6.0
Sep	-2.6	3.2	6.0	2.2	6.1
Oct	-	3.3	5.2	2.6	3.6
Nov	-1.6	3.4	6.4	2.3	4.1

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# IOSCOMP

IOS: Index of Services

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

seasonally adjusted 2016 = 100

continued

Component	Industry components (SIC2007)				
	Postal and courier activities	Accommodation and food services	Accommodation	Food and beverage service activities	Information and communication
	53	I	55	56	J
2016 weights	8	37	10	27	79

## Percentage change, latest month on previous month

	S22D	S22E	S22F	S22G	S22H
2016 Nov	1.5	0.7	0.5	0.8	-0.7
Dec	4.0	-0.1	-	-0.1	2.1
2017 Jan	0.1	0.4	-0.4	0.7	-1.5
Feb	-0.5	1.5	-0.9	2.4	-
Mar	3.6	-1.1	-0.3	-1.4	0.8
Apr	-4.6	0.8	1.7	0.5	1.4
May	4.4	-0.4	-1.1	-0.2	-0.2
Jun	0.3	-1.1	-1.2	-1.1	2.6
Jul	-0.5	2.5	3.9	1.9	-1.0
Aug	0.6	-1.7	-3.0	-1.2	0.2
Sep	-1.1	-0.6	-	-0.7	0.7
Oct	0.5	0.3	0.8	0.1	0.1
Nov	2.1	1.1	0.8	1.2	0.3
Dec	2.3	-0.1	1.6	-0.7	2.3
2018 Jan	-4.8	1.0	-0.2	1.4	-1.3
Feb	-1.6	-1.2	-1.5	-1.1	-0.7
Mar	1.9	0.7	3.8	-0.5	1.6
Apr	-1.4	0.8	-0.4	1.2	-0.1
May	1.6	0.8	1.8	0.4	0.4
Jun	-1.4	1.2	1.4	1.2	1.1
Jul	-0.2	0.8	2.5	0.1	-0.1
Aug	-0.7	-1.4	-3.8	-0.5	1.6
Sep	-0.7	-0.6	-0.8	-0.5	0.8
Oct	3.1	0.3	-	0.4	-2.3
Nov	0.4	1.2	1.9	1.0	0.9

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

	S2GH	S2GI	S2GJ	S2GK	S2GL
2016 Nov	0.8	1.3	1.5	1.3	8.5
Dec	1.7	1.1	2.5	0.6	8.3
2017 Jan	4.3	2.0	4.2	1.3	7.5
Feb	4.6	2.8	2.4	2.9	7.5
Mar	8.9	3.6	1.2	4.5	6.7
Apr	9.7	4.3	0.5	5.7	7.6
May	11.0	4.0	1.5	5.0	8.4
Jun	10.8	3.4	1.8	4.0	9.4
Jul	12.6	3.7	2.2	4.2	8.8
Aug	13.0	3.2	1.1	3.9	7.7
Sep	11.9	2.8	1.4	3.3	5.9
Oct	10.1	1.2	-0.2	1.6	5.1
Nov	9.0	1.0	0.2	1.3	5.1
Dec	8.0	1.4	0.5	1.7	5.3
2018 Jan	5.9	1.7	1.2	1.8	5.9
Feb	3.2	0.9	1.6	0.7	5.8
Mar	0.5	0.8	2.9	-	5.9
Apr	0.7	0.5	3.3	-0.6	5.4
May	0.4	1.5	5.0	0.2	5.3
Jun	-	2.7	6.2	1.4	4.5
Jul	-1.3	3.3	7.7	1.7	4.5
Aug	-2.2	3.6	7.9	2.1	4.7
Sep	-2.4	3.1	6.9	1.8	5.6
Oct	-1.9	3.3	6.0	2.3	5.2
Nov	-1.4	3.3	5.9	2.4	4.6

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# IOSCOMP

IOS: Index of Services

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

seasonally adjusted 2016 = 100

continued

Component	Industry components (SIC2007)				
	Postal and courier activities	Accommodation and food services	Accommodation	Food and beverage service activities	Information and communication
2016 weights	53	1	55	56	J
	8	37	10	27	79

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

	S2BR	S2BS	S2BT	S2BU	S2BV
2016 Nov	3.9	1.8	0.9	2.1	3.2
Dec	5.8	1.4	1.7	1.3	2.1
2017 Jan	6.0	0.8	1.0	0.8	1.0
Feb	5.6	1.1	0.4	1.3	0.8
Mar	4.1	1.2	-1.0	2.1	-0.1
Apr	1.7	1.3	-0.8	2.1	0.7
May	1.6	0.4	-0.3	0.7	1.2
Jun	0.4	-0.1	0.1	-0.2	2.7
Jul	2.4	-0.2	0.4	-0.4	2.4
Aug	1.4	-0.1	0.1	-0.2	2.4
Sep	1.1	0.2	0.6	0.1	1.0
Oct	-0.2	-0.8	-0.7	-0.8	0.9
Nov	0.2	-0.4	-	-0.5	0.7
Dec	2.1	-	0.8	-0.3	1.6
2018 Jan	1.9	1.3	2.3	1.0	1.7
Feb	0.1	1.0	1.8	0.7	1.4
Mar	-3.1	0.7	1.4	0.4	0.4
Apr	-3.3	0.1	1.3	-0.3	0.2
May	-1.2	0.9	3.1	0.2	0.8
Jun	-0.1	1.7	3.3	1.2	1.4
Jul	0.3	2.6	4.7	1.8	1.5
Aug	-1.2	2.0	2.9	1.7	1.8
Sep	-1.3	0.7	1.2	0.5	2.1
Oct	-0.7	-0.8	-2.3	-0.2	1.6
Nov	1.0	-0.7	-1.9	-0.2	0.5

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# IOSCOMP

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

seasonally adjusted 2016 = 100

continued

Industry components (SIC2007)					
Component	Publishing activities 58	Motion pictures, tv production, sound and music activities 59	Programming and broadcasting activities 60	Telecom -munications 61	Computer programming, consultancy and related activities 62
<b>2016 weights</b>	<b>9</b>	<b>8</b>	<b>4</b>	<b>22</b>	<b>32</b>
	S2LC	S2LD	KFV8	S2LE	S2LF
2013	112.4	71.8	85.8	105.2	77.8
2014	103.3	70.3	86.6	100.2	83.6
2015	97.8	90.9	88.4	104.3	88.2
2016	100.0	100.0	100.0	100.0	100.0
2017	98.6	121.2	103.6	101.2	110.0
2016 Nov	103.5	103.8	103.0	99.7	104.4
Dec	107.4	113.6	105.8	101.6	104.7
2017 Jan	101.7	109.9	102.4	102.3	102.9
Feb	98.6	111.4	102.8	100.3	105.3
Mar	97.3	120.5	100.4	98.7	106.8
Apr	96.8	115.3	103.3	102.9	108.4
May	96.9	121.3	105.4	100.0	107.7
Jun	101.0	127.0	103.4	101.5	111.4
Jul	100.7	116.7	98.6	102.8	111.4
Aug	98.1	123.4	107.0	100.8	111.1
Sep	97.1	124.8	105.4	100.7	113.0
Oct	98.8	121.2	107.8	100.2	113.7
Nov	97.1	126.0	100.2	101.1	113.7
Dec	99.2	136.9	106.9	102.8	114.4
2018 Jan	96.1	129.6	107.5	102.2	114.6
Feb	98.3	128.2	104.9	102.4	111.9
Mar	99.8	129.8	108.0	102.8	114.7
Apr	98.6	128.3	105.6	102.1	115.8
May	99.8	129.8	105.5	102.2	115.9
Jun	98.8	134.5	104.9	101.7	118.5
Jul	98.3	131.9	106.1	103.0	117.8
Aug	103.8	130.6	102.1	103.9	120.2
Sep	100.6	140.8	104.2	104.8	120.6
Oct	96.6	128.5	103.4	103.8	119.3
Nov	100.5	129.0	99.0	104.4	120.1
<b>Percentage change, latest year on previous year</b>					
	S22I	S22J	KFV7	S22K	S22L
2013	1.3	5.7	10.3	-4.6	3.9
2014	-8.1	-2.0	1.0	-4.7	7.4
2015	-5.3	29.2	2.1	4.1	5.6
2016	2.2	10.0	13.1	-4.1	13.4
2017	-1.4	21.2	3.6	1.2	10.0
<b>Percentage change, latest month on same month a year ago</b>					
	S278	S279	KFJ4	S27A	S27B
2016 Nov	4.5	3.5	15.9	-3.4	13.5
Dec	9.3	20.4	19.8	-1.3	14.8
2017 Jan	3.7	21.2	10.1	-0.2	7.5
Feb	4.0	16.5	6.2	-0.5	11.0
Mar	-2.3	27.6	0.8	-0.6	12.5
Apr	-2.7	28.4	7.5	3.4	12.3
May	-0.2	33.7	10.8	4.1	8.5
Jun	4.6	32.7	0.6	2.6	13.7
Jul	1.4	11.5	-2.6	3.6	10.8
Aug	-2.4	16.9	4.5	0.9	8.4
Sep	-5.2	9.6	3.4	0.3	10.5
Oct	-2.4	19.2	5.3	-1.6	7.0
Nov	-6.2	21.5	-2.7	1.4	8.9
Dec	-7.7	20.5	1.0	1.1	9.3
2018 Jan	-5.5	17.9	5.0	-0.1	11.3
Feb	-0.2	15.1	2.1	2.1	6.2
Mar	2.6	7.7	7.6	4.2	7.4
Apr	1.9	11.3	2.3	-0.8	6.8
May	3.1	7.1	0.2	2.2	7.6
Jun	-2.2	5.9	1.4	0.2	6.4
Jul	-2.3	13.0	7.6	0.1	5.8
Aug	5.8	5.9	-4.6	3.1	8.2
Sep	3.6	12.8	-1.1	4.1	6.7
Oct	-2.2	6.0	-4.1	3.6	4.9
Nov	3.6	2.4	-1.2	3.2	5.6

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# IOSCOMP

IOS: Index of Services

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

seasonally adjusted 2016 = 100

continued

Industry components (SIC2007)					
Component	Publishing activities	Motion pictures, tv production, sound and music activities	Programming and broadcasting activities	Telecom -munications	Computer programming, consultancy and related activities
2016 weights	58	59	60	61	62
	9	8	4	22	32
Percentage change, latest month on previous month					
	S22I	S22J	KFV7	S22K	S22L
2016 Nov	2.2	2.1	0.6	-2.1	-1.8
Dec	3.9	9.5	2.7	1.9	0.3
2017 Jan	-5.4	-3.3	-3.2	0.7	-1.7
Feb	-3.1	1.4	0.3	-2.0	2.4
Mar	-1.3	8.2	-2.4	-1.6	1.4
Apr	-0.5	-4.3	2.9	4.3	1.5
May	-	5.2	2.0	-2.8	-0.7
Jun	4.3	4.8	-1.9	1.5	3.5
Jul	-0.4	-8.2	-4.7	1.3	-0.1
Aug	-2.5	5.7	8.5	-2.0	-0.3
Sep	-1.1	1.1	-1.5	-0.1	1.7
Oct	1.8	-2.9	2.3	-0.5	0.7
Nov	-1.8	4.0	-7.0	0.9	-
Dec	2.2	8.6	6.6	1.7	0.6
2018 Jan	-3.1	-5.3	0.6	-0.6	0.2
Feb	2.3	-1.1	-2.4	0.2	-2.3
Mar	1.5	1.3	2.9	0.4	2.5
Apr	-1.2	-1.2	-2.2	-0.7	1.0
May	1.2	1.2	-0.1	0.2	-
Jun	-1.0	3.6	-0.6	-0.5	2.3
Jul	-0.5	-2.0	1.2	1.2	-0.6
Aug	5.5	-0.9	-3.8	0.9	2.0
Sep	-3.1	7.8	2.1	0.9	0.3
Oct	-3.9	-8.7	-0.8	-1.0	-1.1
Nov	4.0	0.4	-4.2	0.5	0.6
Percentage change, latest 3 months on same 3 months a year ago					
	S2GM	S2GN	KFJ6	S2GO	S2GP
2016 Nov	6.1	12.7	14.5	-2.8	16.0
Dec	5.7	8.8	16.9	-2.1	15.7
2017 Jan	5.8	14.7	15.2	-1.6	11.9
Feb	5.7	19.3	11.8	-0.7	11.0
Mar	1.7	21.8	5.6	-0.4	10.3
Apr	-0.4	24.1	4.8	0.8	11.9
May	-1.7	29.9	6.3	2.3	11.1
Jun	0.6	31.6	6.2	3.4	11.5
Jul	1.9	25.4	2.7	3.4	11.0
Aug	1.2	20.0	0.8	2.4	10.9
Sep	-2.1	12.6	1.8	1.6	9.9
Oct	-3.4	15.0	4.4	-0.2	8.6
Nov	-4.6	16.5	2.0	-	8.8
Dec	-5.5	20.4	1.2	0.3	8.4
2018 Jan	-6.5	19.9	1.1	0.8	9.8
Feb	-4.6	17.8	2.7	1.0	8.9
Mar	-1.1	13.4	4.9	2.0	8.3
Apr	1.4	11.3	3.9	1.8	6.8
May	2.5	8.7	3.3	1.8	7.3
Jun	0.9	8.0	1.3	0.5	6.9
Jul	-0.5	8.6	3.0	0.8	6.6
Aug	0.4	8.1	1.3	1.1	6.8
Sep	2.3	10.5	0.4	2.4	6.9
Oct	2.4	8.3	-3.3	3.6	6.6
Nov	1.6	7.1	-2.2	3.6	5.7

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continued

Industry components (SIC2007)					
Component	Publishing activities	Motion pictures, tv production, sound and music activities	Programming and broadcasting activities	Telecom -munications	Computer programming, consultancy and related activities
2016 weights	58	59	60	61	62
	9	8	4	22	32
Percentage change, latest 3 months on previous 3 months					
	S2BW	S2BX	KFJ8	S2BY	S2BZ
2016 Nov	3.6	4.4	0.3	1.3	4.0
Dec	3.3	-1.5	1.9	1.3	3.3
2017 Jan	2.7	2.0	1.5	0.5	0.3
Feb	0.2	4.9	1.2	0.8	-
Mar	-4.7	7.1	-1.8	-0.6	-0.1
Apr	-6.4	6.1	-1.6	-0.6	2.8
May	-5.4	6.6	-0.7	-0.9	3.2
Jun	-1.0	6.4	2.1	1.0	4.0
Jul	2.0	5.1	0.3	0.8	3.1
Aug	3.1	2.8	-	1.1	3.4
Sep	0.4	0.3	-0.3	-0.1	2.4
Oct	-1.5	1.2	4.2	-0.9	2.2
Nov	-2.3	1.3	1.5	-1.0	2.0
Dec	-0.3	5.3	1.3	-0.1	1.9
2018 Jan	-0.6	6.3	-1.7	1.5	1.4
Feb	0.2	6.1	1.9	1.8	0.1
Mar	-0.3	0.9	1.7	1.1	-0.2
Apr	1.5	-1.6	1.2	0.4	-0.1
May	1.6	-1.7	-0.1	-0.1	1.6
Jun	1.0	1.3	-1.4	-0.5	2.7
Jul	0.1	2.6	-0.6	-0.1	2.9
Aug	0.9	2.3	-1.9	0.5	2.9
Sep	1.8	2.7	-1.2	1.9	2.4
Oct	1.3	0.9	-2.1	1.8	2.2
Nov	-1.1	0.3	-2.1	1.4	1.0

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continued

Component	Industry components (SIC2007)				
	Information service activities	Financial and insurance activities	Financial service activities except insurance and pension funding	Insurance, except compulsory social security	Pension funding
	63	K	64	65.1-2	65.3
<b>2016 weights</b>	<b>4</b>	<b>92</b>	<b>55</b>	<b>20</b>	<b>2</b>
	S2LG	S2LH	S2LI	S2LJ	S2LK
2013	83.5	101.3	102.5	99.1	112.5
2014	95.2	99.5	98.9	98.0	110.8
2015	100.1	96.6	97.4	98.6	102.1
2016	100.0	100.0	100.0	100.0	100.0
2017	107.3	100.2	101.6	97.1	90.6
2016 Nov	104.0	100.9	100.8	99.3	99.4
Dec	102.7	100.5	101.0	98.2	99.0
2017 Jan	105.2	101.4	102.7	98.1	97.4
Feb	102.1	101.2	102.4	98.3	95.8
Mar	104.3	101.0	102.0	98.4	94.2
Apr	104.3	100.7	101.6	98.3	92.7
May	108.5	100.5	101.4	98.1	91.3
Jun	107.0	100.4	101.5	97.7	90.0
Jul	105.2	100.1	101.3	97.2	89.0
Aug	107.3	99.9	101.5	96.6	88.2
Sep	108.3	99.7	101.5	96.0	87.6
Oct	108.1	99.3	101.2	95.6	87.1
Nov	113.1	99.2	101.1	95.4	86.8
Dec	114.3	99.3	101.2	95.5	86.6
2018 Jan	108.6	99.4	101.3	95.6	86.6
Feb	114.6	99.4	101.3	95.6	86.5
Mar	114.4	99.3	101.3	95.4	86.6
Apr	116.0	99.2	101.2	95.2	86.6
May	116.8	99.1	101.2	95.0	86.6
Jun	117.6	99.1	101.3	95.0	86.6
Jul	118.4	99.1	101.3	94.9	86.6
Aug	123.3	99.1	101.3	94.8	86.4
Sep	118.0	98.8	101.1	94.5	86.3
Oct	115.9	98.6	100.9	94.1	86.0
Nov	120.1	98.3	100.7	93.7	85.7
<b>Percentage change, latest year on previous year</b>					
	S22M	S22N	S22O	S22P	S22Q
2013	13.6	-2.2	-3.3	-0.3	0.5
2014	14.0	-1.7	-3.5	-1.1	-1.5
2015	5.1	-2.9	-1.5	0.5	-7.9
2016	-0.1	3.5	2.6	1.5	-2.0
2017	7.3	0.2	1.6	-2.9	-9.4
<b>Percentage change, latest month on same month a year ago</b>					
	S27C	S27D	S27E	S27F	S27G
2016 Nov	4.5	4.3	3.7	-2.7	-0.9
Dec	7.1	2.1	3.2	-4.4	-1.4
2017 Jan	5.6	2.8	4.1	-3.0	-2.7
Feb	-3.9	2.6	2.8	-1.4	-4.4
Mar	7.9	2.4	2.5	-0.5	-6.1
Apr	2.1	1.9	2.1	-0.3	-7.6
May	13.2	1.1	1.8	-1.1	-9.1
Jun	14.3	0.4	1.4	-2.6	-10.3
Jul	9.5	-0.8	1.3	-4.2	-11.2
Aug	7.4	-1.1	1.2	-5.2	-11.9
Sep	6.2	-1.8	1.2	-5.3	-12.4
Oct	6.9	-1.5	0.6	-4.7	-12.6
Nov	8.7	-1.7	0.4	-4.0	-12.6
Dec	11.3	-1.2	0.1	-2.8	-12.5
2018 Jan	3.2	-2.0	-1.4	-2.5	-11.2
Feb	12.2	-1.8	-1.0	-2.7	-9.7
Mar	9.7	-1.7	-0.7	-3.0	-8.1
Apr	11.2	-1.5	-0.4	-3.2	-6.6
May	7.6	-1.4	-0.2	-3.1	-5.1
Jun	9.8	-1.2	-0.2	-2.7	-3.8
Jul	12.5	-0.9	-	-2.3	-2.7
Aug	14.8	-0.8	-0.2	-1.9	-2.0
Sep	8.9	-0.8	-0.4	-1.5	-1.5
Oct	7.2	-0.8	-0.3	-1.6	-1.3
Nov	6.2	-0.9	-0.4	-1.7	-1.3

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# IOSCOMP

IOS: Index of Services

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

seasonally adjusted 2016 = 100

continued

Component	Industry components (SIC2007)				
	Information service activities	Financial and insurance activities	Financial service activities except insurance and pension funding	Insurance, except compulsory social security	Pension funding
	63	K	64	65.1-2	65.3
<b>2016 weights</b>	<b>4</b>	<b>92</b>	<b>55</b>	<b>20</b>	<b>2</b>

## Percentage change, latest month on previous month

	S22M	S22N	S22O	S22P	S22Q
2016 Nov	2.9	0.1	0.2	-0.9	-0.3
Dec	-1.3	-0.4	0.3	-1.1	-0.3
2017 Jan	2.4	0.9	1.7	-0.2	-1.6
Feb	-2.9	-0.2	-0.3	0.2	-1.7
Mar	2.1	-0.2	-0.4	0.1	-1.7
Apr	-	-0.3	-0.4	-0.1	-1.6
May	4.1	-0.2	-0.2	-0.2	-1.5
Jun	-1.4	-0.1	-	-0.4	-1.4
Jul	-1.7	-0.3	-0.1	-0.5	-1.1
Aug	2.1	-0.1	0.1	-0.5	-0.9
Sep	0.9	-0.3	-	-0.7	-0.7
Oct	-0.2	-0.4	-0.3	-0.4	-0.5
Nov	4.6	-0.1	-	-0.2	-0.3
Dec	1.1	0.1	0.1	-	-0.2
2018 Jan	-5.0	0.1	0.1	0.1	-0.1
Feb	5.5	-	-	-	-
Mar	-0.1	-0.1	-	-0.2	-
Apr	1.3	-0.1	-0.1	-0.3	-
May	0.7	-0.1	-	-0.2	-
Jun	0.7	-	0.1	-	-
Jul	0.7	-	0.1	-0.1	-0.1
Aug	4.1	-0.1	-	-0.1	-0.1
Sep	-4.3	-0.3	-0.2	-0.3	-0.2
Oct	-1.7	-0.3	-0.2	-0.5	-0.3
Nov	3.6	-0.2	-0.2	-0.4	-0.3

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

	S2GQ	S2GR	S2GS	S2GT	S2GU
2016 Nov	3.5	5.2	3.8	0.6	-0.7
Dec	4.7	3.8	3.6	-2.1	-1.0
2017 Jan	5.7	3.0	3.6	-3.4	-1.7
Feb	2.7	2.5	3.3	-2.9	-2.8
Mar	3.0	2.6	3.1	-1.6	-4.4
Apr	1.9	2.3	2.5	-0.7	-6.0
May	7.6	1.8	2.2	-0.6	-7.6
Jun	9.7	1.1	1.8	-1.3	-9.0
Jul	12.3	0.2	1.5	-2.6	-10.2
Aug	10.3	-0.5	1.3	-4.0	-11.1
Sep	7.7	-1.3	1.2	-4.9	-11.8
Oct	6.8	-1.5	1.0	-5.0	-12.3
Nov	7.3	-1.7	0.7	-4.6	-12.5
Dec	9.0	-1.5	0.4	-3.8	-12.6
2018 Jan	7.7	-1.6	-0.3	-3.1	-12.1
Feb	8.9	-1.7	-0.8	-2.7	-11.1
Mar	8.3	-1.8	-1.0	-2.7	-9.7
Apr	11.0	-1.7	-0.7	-2.9	-8.1
May	9.5	-1.5	-0.4	-3.1	-6.6
Jun	9.5	-1.4	-0.3	-3.0	-5.1
Jul	10.0	-1.2	-0.2	-2.7	-3.9
Aug	12.4	-1.0	-0.1	-2.3	-2.8
Sep	12.1	-0.9	-0.2	-1.9	-2.1
Oct	10.3	-0.8	-0.3	-1.6	-1.6
Nov	7.4	-0.8	-0.4	-1.6	-1.3

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# IOSCOMP

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

seasonally adjusted 2016 = 100

continued

Component	Industry components (SIC2007)				
	Information service activities	Financial and insurance activities	Financial service activities except insurance and pension funding	Insurance, except compulsory social security	Pension funding
2016 weights	63	K	64	65.1-2	65.3
	4	92	55	20	2

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

	S2C2	S2C3	S2C4	S2C5	S2C6
2016 Nov	6.0	0.4	0.4	-0.9	-0.6
Dec	3.3	-0.4	0.6	-2.2	-0.7
2017 Jan	2.9	-0.2	1.1	-2.6	-1.3
Feb	0.9	-	1.5	-2.1	-2.2
Mar	1.2	0.5	1.6	-1.1	-3.6
Apr	-0.4	0.1	0.5	-0.2	-4.5
May	2.3	-0.3	-0.4	0.1	-4.8
Jun	2.6	-0.7	-0.9	-0.2	-4.7
Jul	3.2	-0.7	-0.6	-0.7	-4.4
Aug	0.8	-0.6	-0.2	-1.1	-3.9
Sep	0.3	-0.6	-	-1.4	-3.4
Oct	1.0	-0.7	-	-1.6	-2.7
Nov	3.1	-0.7	-0.2	-1.5	-2.1
Dec	4.6	-0.6	-0.3	-1.2	-1.6
2018 Jan	3.8	-0.3	-0.2	-0.6	-1.1
Feb	2.4	-	-	-0.1	-0.7
Mar	0.6	0.1	0.1	0.1	-0.4
Apr	2.7	-	0.1	-0.1	-0.1
May	2.9	-0.2	-	-0.3	-
Jun	3.8	-0.2	-0.1	-0.5	0.1
Jul	2.3	-0.2	-	-0.5	0.1
Aug	3.5	-0.1	0.1	-0.3	-0.1
Sep	2.7	-0.1	-	-0.3	-0.2
Oct	1.3	-0.3	-0.2	-0.5	-0.4
Nov	-1.4	-0.6	-0.4	-0.8	-0.6

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# IOSCOMP

IOS: Index of Services

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

seasonally adjusted 2016 = 100

continued

Component	Industry components (SIC2007)				
	Activities auxiliary to financial services and insurance	Real estate activities	Buying, selling and renting of own or leased real estate	Imputed rent	Real estate activities on fee or contract basis
	66	L	68.1-2	68.2Imp	68.3
2016 weights	16	174	47	122	5
	S2LL	S2LM	S2LN	S2LO	S2LP
2013	100.6	93.1	89.9	94.8	85.6
2014	104.2	96.0	94.1	96.9	92.5
2015	91.7	99.4	98.5	99.7	100.5
2016	100.0	100.0	100.0	100.0	100.0
2017	100.3	101.0	102.7	100.4	101.6
2016 Nov	103.3	99.8	100.1	99.7	99.7
Dec	101.5	99.9	100.3	99.6	102.9
2017 Jan	101.3	100.3	101.3	99.8	102.9
Feb	101.5	100.5	101.5	100.0	101.8
Mar	101.5	100.5	101.8	100.2	97.7
Apr	101.5	100.8	102.3	100.3	99.1
May	101.3	101.1	102.6	100.4	102.4
Jun	100.9	101.1	102.6	100.5	102.2
Jul	100.4	101.2	102.8	100.6	102.0
Aug	99.8	101.4	103.4	100.6	103.2
Sep	99.1	101.2	102.8	100.5	102.5
Oct	98.7	101.3	103.4	100.4	102.3
Nov	98.6	101.4	103.7	100.4	103.0
Dec	98.7	101.4	103.8	100.5	100.4
2018 Jan	98.8	101.5	103.9	100.7	100.2
Feb	98.9	101.7	103.8	100.8	101.7
Mar	98.6	101.7	103.9	100.9	101.3
Apr	98.4	101.6	104.0	100.8	98.4
May	98.2	101.6	104.1	100.8	97.4
Jun	98.2	101.4	103.4	100.8	97.8
Jul	98.1	101.5	103.7	100.8	98.1
Aug	98.0	101.5	103.6	100.9	96.8
Sep	97.7	101.5	103.7	100.9	95.4
Oct	97.3	101.7	104.2	101.0	97.0
Nov	97.0	101.8	104.1	101.0	99.0
<b>Percentage change, latest year on previous year</b>					
	S22R	S22S	S22T	S22U	S22V
2013	-1.0	2.5	3.2	1.7	12.8
2014	3.6	3.1	4.8	2.2	8.0
2015	-12.0	3.5	4.6	2.9	8.7
2016	9.0	0.6	1.6	0.3	-0.5
2017	0.3	1.0	2.7	0.4	1.6
<b>Percentage change, latest month on same month a year ago</b>					
	S27H	S27I	S27J	S27K	S27L
2016 Nov	17.4	-0.4	0.9	-0.8	-3.1
Dec	6.3	-0.7	0.5	-1.0	-2.1
2017 Jan	6.2	0.1	1.6	-0.6	2.5
Feb	8.0	-0.2	0.4	-0.5	0.2
Mar	6.3	-	1.1	-0.1	-7.2
Apr	4.6	0.6	2.1	0.3	-5.5
May	2.4	1.3	3.4	0.5	2.8
Jun	1.6	1.3	2.8	0.6	4.6
Jul	-2.8	1.5	3.3	0.7	5.4
Aug	-3.1	1.6	3.5	0.7	6.6
Sep	-6.5	1.6	3.4	0.6	6.9
Oct	-3.7	1.5	3.4	0.6	3.8
Nov	-4.6	1.5	3.6	0.6	3.3
Dec	-2.8	1.5	3.4	0.9	-2.4
2018 Jan	-2.5	1.2	2.5	0.8	-2.7
Feb	-2.6	1.2	2.3	0.8	-0.1
Mar	-2.8	1.1	2.0	0.7	3.6
Apr	-3.1	0.8	1.6	0.5	-0.7
May	-3.1	0.5	1.5	0.3	-4.9
Jun	-2.7	0.3	0.8	0.2	-4.3
Jul	-2.3	0.3	0.9	0.2	-3.8
Aug	-1.8	0.1	0.2	0.3	-6.2
Sep	-1.5	0.3	0.9	0.4	-7.0
Oct	-1.5	0.5	0.8	0.6	-5.1
Nov	-1.7	0.4	0.4	0.6	-3.9

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# IOSCOMP

IOS: Index of Services

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

seasonally adjusted 2016 = 100

continued

Component	Industry components (SIC2007)				
	Activities auxiliary to financial services and insurance	Real estate activities	Buying, selling and renting of own or leased real estate	Imputed rent	Real estate activities on fee or contract basis
Component	66	L	68.1-2	68.2Imp	68.3
2016 weights	16	174	47	122	5

## Percentage change, latest month on previous month

	S22R	S22S	S22T	S22U	S22V
2016 Nov	0.8	-	0.2	-0.1	1.2
Dec	-1.7	-	0.2	-0.1	3.2
2017 Jan	-0.2	0.5	1.0	0.2	-
Feb	0.1	0.1	0.2	0.2	-1.1
Mar	-	0.1	0.3	0.2	-4.0
Apr	-	0.3	0.5	0.1	1.4
May	-0.2	0.3	0.2	0.1	3.4
Jun	-0.4	0.1	-	0.1	-0.2
Jul	-0.5	0.1	0.2	0.1	-0.2
Aug	-0.6	0.2	0.6	-	1.2
Sep	-0.7	-0.2	-0.6	-0.1	-0.6
Oct	-0.4	0.1	0.6	-0.1	-0.2
Nov	-0.1	0.1	0.3	-	0.7
Dec	0.1	-	-	0.1	-2.5
2018 Jan	0.1	0.2	0.1	0.2	-0.3
Feb	0.1	0.1	-	0.1	1.5
Mar	-0.2	-	-	-	-0.4
Apr	-0.2	-0.1	0.1	-	-2.9
May	-0.2	-	0.2	-	-1.1
Jun	-	-0.2	-0.7	-	0.4
Jul	-0.1	0.1	0.3	0.1	0.3
Aug	-0.1	-	-0.2	0.1	-1.3
Sep	-0.3	-	0.2	-	-1.5
Oct	-0.4	0.2	0.5	-	1.7
Nov	-0.3	0.1	-0.1	-	2.0

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

	S2GV	S2GW	S2GX	S2GY	S2GZ
2016 Nov	16.8	-0.5	0.4	-0.6	-5.8
Dec	12.9	-0.5	0.7	-0.8	-3.7
2017 Jan	9.8	-0.3	1.0	-0.8	-0.9
Feb	6.8	-0.3	0.8	-0.7	0.1
Mar	6.8	-	1.0	-0.4	-1.6
Apr	6.3	0.2	1.2	-0.1	-4.2
May	4.4	0.7	2.2	0.2	-3.4
Jun	2.9	1.1	2.8	0.4	0.5
Jul	0.3	1.4	3.2	0.6	4.2
Aug	-1.5	1.5	3.2	0.6	5.5
Sep	-4.2	1.6	3.4	0.7	6.3
Oct	-4.4	1.6	3.5	0.6	5.8
Nov	-4.9	1.5	3.5	0.6	4.7
Dec	-3.7	1.5	3.5	0.7	1.5
2018 Jan	-3.3	1.4	3.2	0.8	-0.6
Feb	-2.6	1.3	2.7	0.9	-1.7
Mar	-2.6	1.2	2.3	0.8	0.2
Apr	-2.8	1.0	2.0	0.7	0.9
May	-3.0	0.8	1.7	0.5	-0.7
Jun	-3.0	0.5	1.3	0.4	-3.3
Jul	-2.7	0.3	1.1	0.3	-4.3
Aug	-2.3	0.2	0.6	0.2	-4.8
Sep	-1.9	0.2	0.7	0.3	-5.6
Oct	-1.6	0.3	0.6	0.4	-6.1
Nov	-1.5	0.4	0.7	0.5	-5.3

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seasonally adjusted 2016 = 100

continued

Component	Industry components (SIC2007)				
	Activities auxiliary to financial services and insurance	Real estate activities	Buying, selling and renting of own or leased real estate	Imputed rent	Real estate activities on fee or contract basis
Component	66	L	68.1-2	68.2Imp	68.3
<b>2016 weights</b>	<b>16</b>	<b>174</b>	<b>47</b>	<b>122</b>	<b>5</b>

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

	S2C7	S2C8	S2C9	S2CA	S2CB
2016 Nov	2.0	-	0.1	-0.1	1.0
Dec	-1.6	0.1	0.6	-0.2	4.0
2017 Jan	-1.7	0.3	0.9	-0.1	4.9
Feb	-2.4	0.5	1.2	-	4.6
Mar	-1.0	0.6	1.4	0.3	0.5
Apr	-0.5	0.6	1.3	0.4	-2.3
May	-	0.6	1.2	0.5	-2.7
Jun	-0.2	0.6	0.9	0.4	0.4
Jul	-0.6	0.5	0.7	0.4	2.7
Aug	-1.1	0.5	0.6	0.3	2.7
Sep	-1.5	0.3	0.5	0.1	1.3
Oct	-1.6	0.1	0.5	-	0.5
Nov	-1.5	-	0.4	-0.2	0.2
Dec	-1.1	0.1	0.6	-0.1	-0.6
2018 Jan	-0.5	0.1	0.6	-	-1.4
Feb	-	0.3	0.5	0.2	-1.8
Mar	0.1	0.3	0.2	0.4	-0.8
Apr	-0.1	0.2	0.1	0.3	-0.7
May	-0.4	0.1	0.2	0.1	-1.7
Jun	-0.5	-0.1	-	-	-3.2
Jul	-0.5	-0.1	-0.1	-	-2.7
Aug	-0.3	-0.1	-0.4	-	-1.5
Sep	-0.3	-	-0.2	0.1	-1.1
Oct	-0.5	0.1	0.1	0.1	-1.4
Nov	-0.8	0.2	0.5	0.1	-0.5

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# IOSCOMP

IOS: Index of Services

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

seasonally adjusted 2016 = 100

continued

Component	Industry components (SIC2007)				
	Professional, scientific and technical activities	Legal activities	Accounting and auditing activities	Activities of head offices; management consultancy	Architectural and engineering activities
Component	M	69.1	69.2	70	71
2016 weights	95	18	14	16	20
	S2LQ	S2LR	S2LS	S2LT	S2LU
2013	86.7	90.8	90.4	75.1	88.2
2014	92.2	93.0	93.9	81.6	96.9
2015	96.7	100.1	98.5	89.3	97.3
2016	100.0	100.0	100.0	100.0	100.0
2017	104.6	103.5	107.0	107.5	102.4
2016 Nov	102.2	101.3	100.4	107.2	102.7
Dec	102.9	102.2	95.2	107.4	101.2
2017 Jan	103.8	105.0	103.4	107.6	101.5
Feb	102.5	100.8	102.7	105.9	101.4
Mar	103.1	103.1	105.1	105.9	101.1
Apr	102.4	104.9	101.0	105.9	100.8
May	103.7	102.0	107.8	105.8	101.7
Jun	104.5	103.6	108.2	105.4	101.3
Jul	104.5	103.1	110.4	105.2	101.3
Aug	104.9	103.3	108.8	106.2	102.1
Sep	105.9	103.7	108.4	108.6	102.8
Oct	105.5	104.0	106.7	111.0	103.3
Nov	107.0	105.2	109.3	112.1	104.7
Dec	107.3	103.5	111.8	110.6	106.5
2018 Jan	108.8	105.5	115.4	110.0	109.3
Feb	107.6	103.4	111.8	110.0	107.7
Mar	108.5	107.3	112.5	108.8	108.4
Apr	109.5	107.3	114.7	110.1	109.4
May	109.2	107.3	114.6	110.6	109.3
Jun	109.2	107.7	112.7	111.8	108.0
Jul	110.7	107.3	116.5	111.9	112.0
Aug	110.5	105.2	119.7	112.5	111.1
Sep	111.2	105.6	120.5	113.4	107.9
Oct	112.3	105.7	123.7	115.2	108.8
Nov	112.6	103.1	119.7	117.9	110.3
<b>Percentage change, latest year on previous year</b>					
	S22W	S22X	S22Y	S22Z	S23Z
2013	5.6	9.6	-1.1	7.9	9.5
2014	6.3	2.3	3.9	8.7	9.9
2015	4.9	7.7	4.9	9.4	0.4
2016	3.4	-0.1	1.5	12.0	2.8
2017	4.6	3.5	7.0	7.5	2.4
<b>Percentage change, latest month on same month a year ago</b>					
	S27M	S27N	S27O	S27P	S27Q
2016 Nov	4.3	0.2	0.7	15.3	5.9
Dec	5.0	1.8	-2.3	15.5	2.8
2017 Jan	6.9	7.4	5.1	16.5	6.1
Feb	4.0	-2.6	2.1	14.1	4.3
Mar	5.3	5.6	1.8	12.5	1.2
Apr	2.5	6.0	-4.8	10.2	0.6
May	4.2	4.1	4.9	8.3	3.2
Jun	5.0	5.2	11.5	5.8	-0.9
Jul	4.5	1.1	14.7	4.5	0.8
Aug	4.3	3.6	7.9	3.7	1.8
Sep	5.0	6.1	8.1	4.6	1.2
Oct	4.4	1.4	7.8	4.8	3.5
Nov	4.7	3.8	8.9	4.5	1.9
Dec	4.4	1.3	17.5	3.1	5.3
2018 Jan	4.8	0.5	11.5	2.2	7.7
Feb	5.0	2.7	8.9	3.9	6.2
Mar	5.3	4.1	7.0	2.8	7.2
Apr	6.9	2.3	13.5	4.0	8.5
May	5.3	5.2	6.3	4.6	7.5
Jun	4.5	3.9	4.1	6.2	6.6
Jul	6.0	4.1	5.6	6.3	10.6
Aug	5.3	1.9	9.9	5.9	8.7
Sep	4.9	1.9	11.1	4.5	5.0
Oct	6.5	1.6	15.9	3.9	5.4
Nov	5.3	-2.0	9.4	5.2	5.4

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continued

Component	Industry components (SIC2007)				
	Professional, scientific and technical activities	Legal activities	Accounting and auditing activities	Activities of head offices; management consultancy	Architectural and engineering activities
2016 weights	95	18	14	16	20

## Percentage change, latest month on previous month

	S22W	S22X	S22Y	S22Z	S232
2016 Nov	1.2	-1.2	1.4	1.2	3.0
Dec	0.6	0.9	-5.2	0.1	-1.5
2017 Jan	1.0	2.7	8.7	0.2	0.3
Feb	-1.3	-4.0	-0.8	-1.6	-0.1
Mar	0.6	2.3	2.4	-	-0.3
Apr	-0.7	1.7	-3.9	-	-0.3
May	1.2	-2.7	6.7	-0.1	0.9
Jun	0.8	1.5	0.4	-0.4	-0.4
Jul	-	-0.5	2.0	-0.1	-
Aug	0.4	0.2	-1.4	0.9	0.8
Sep	1.0	0.4	-0.4	2.3	0.6
Oct	-0.4	0.3	-1.5	2.2	0.5
Nov	1.4	1.2	2.4	1.0	1.4
Dec	0.3	-1.6	2.3	-1.3	1.7
2018 Jan	1.4	1.9	3.2	-0.6	2.6
Feb	-1.1	-1.9	-3.1	-	-1.5
Mar	0.9	3.8	0.6	-1.1	0.7
Apr	0.8	-	2.0	1.2	0.9
May	-0.2	-	-0.1	0.4	-
Jun	-	0.3	-1.7	1.1	-1.2
Jul	1.5	-0.4	3.4	0.1	3.6
Aug	-0.2	-1.9	2.7	0.5	-0.8
Sep	0.6	0.4	0.7	0.8	-2.8
Oct	1.1	0.1	2.7	1.6	0.8
Nov	0.3	-2.5	-3.3	2.3	1.4

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

	S2H2	S2H3	S2H4	S2H5	S2H6
2016 Nov	3.5	-0.7	-0.5	14.8	3.6
Dec	4.0	1.2	-1.0	15.2	3.3
2017 Jan	5.4	3.1	1.2	15.8	4.9
Feb	5.3	2.1	1.7	15.4	4.4
Mar	5.4	3.3	3.0	14.3	3.8
Apr	3.9	2.9	-0.4	12.2	2.0
May	4.0	5.2	0.6	10.3	1.6
Jun	3.9	5.1	3.6	8.1	0.9
Jul	4.6	3.4	10.2	6.2	1.0
Aug	4.6	3.3	11.3	4.7	0.6
Sep	4.6	3.6	10.2	4.2	1.3
Oct	4.6	3.7	8.0	4.4	2.2
Nov	4.7	3.7	8.3	4.6	2.2
Dec	4.5	2.1	11.3	4.1	3.6
2018 Jan	4.6	1.8	12.6	3.3	4.9
Feb	4.7	1.5	12.5	3.1	6.4
Mar	5.0	2.4	9.2	3.0	7.0
Apr	5.7	3.0	9.8	3.6	7.3
May	5.8	3.9	8.9	3.8	7.7
Jun	5.6	3.8	7.9	4.9	7.5
Jul	5.3	4.4	5.3	5.7	8.2
Aug	5.3	3.3	6.5	6.1	8.6
Sep	5.4	2.6	8.9	5.6	8.1
Oct	5.6	1.8	12.3	4.7	6.4
Nov	5.6	0.5	12.1	4.5	5.2

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# IOSCOMP

IOS: Index of Services

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

seasonally adjusted 2016 = 100

continued

Component	Industry components (SIC2007)				
	Professional, scientific and technical activities	Legal activities	Accounting and auditing activities	Activities of head offices; management consultancy	Architectural and engineering activities
Component	M	69.1	69.2	70	71
<b>2016 weights</b>	<b>95</b>	<b>18</b>	<b>14</b>	<b>16</b>	<b>20</b>

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

	S2CC	S2CD	S2CE	S2CF	S2CG
2016 Nov	1.4	0.5	1.8	4.7	0.3
Dec	1.5	2.3	-1.0	4.4	0.4
2017 Jan	2.1	2.8	-0.4	3.2	1.3
Feb	1.7	2.1	0.5	1.2	-
Mar	1.1	0.9	5.7	-0.3	0.1
Apr	-0.3	0.1	3.3	-1.4	-0.7
May	-	0.7	4.2	-1.0	-0.1
Jun	0.4	0.5	1.9	-0.7	-0.1
Jul	1.5	-	5.7	-0.4	0.3
Aug	1.5	-	4.3	-0.2	0.3
Sep	1.6	-0.1	3.3	0.9	0.8
Oct	1.2	0.7	-0.7	2.9	1.3
Nov	1.4	0.9	-0.9	4.7	2.0
Dec	1.4	0.9	0.1	4.3	2.7
2018 Jan	2.1	1.0	3.9	2.2	4.0
Feb	1.7	-0.1	4.5	-0.3	4.1
Mar	1.6	1.1	3.6	-1.5	3.5
Apr	0.8	1.2	0.8	-1.1	1.6
May	1.1	3.0	0.9	-0.3	1.1
Jun	0.9	1.9	0.7	1.2	0.4
Jul	1.1	1.3	1.4	1.7	1.2
Aug	1.0	-0.6	2.1	2.0	1.2
Sep	1.4	-1.3	4.3	1.6	1.3
Oct	1.5	-1.8	5.8	2.0	-0.5
Nov	1.7	-1.8	4.3	3.1	-1.2

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# IOSCOMP

IOS: Index of Services

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

seasonally adjusted 2016 = 100

continued

Component	Industry components (SIC2007)				
	Scientific research and development	Advertising and market research	Other professional scientific and technical activities	Veterinary activities	Administrative and support service activities
	72	73	74	75	N
2016 weights	7	10	8	2	60
	S2LV	S2LW	S2LX	S2LY	S2LZ
2013	80.6	92.1	94.5	89.9	84.9
2014	84.8	92.5	106.8	94.9	92.8
2015	92.3	97.4	105.9	95.0	97.9
2016	100.0	100.0	100.0	100.0	100.0
2017	106.3	102.0	104.0	105.1	104.5
2016 Nov	100.1	102.8	96.7	101.5	101.8
Dec	105.2	108.4	103.7	103.7	101.7
2017 Jan	109.6	99.9	100.0	103.9	102.6
Feb	104.7	99.6	103.1	104.0	102.8
Mar	110.1	93.2	104.5	104.2	103.9
Apr	101.7	97.1	104.2	99.5	101.4
May	99.6	100.7	107.9	102.7	104.1
Jun	106.2	103.0	105.2	107.1	104.3
Jul	105.8	102.8	104.3	105.7	104.5
Aug	106.0	105.2	103.6	109.3	105.1
Sep	107.3	108.4	104.5	107.9	105.7
Oct	105.7	102.5	104.4	107.0	106.0
Nov	108.2	106.0	103.3	105.6	107.0
Dec	111.1	105.7	103.1	104.0	107.0
2018 Jan	107.3	109.7	102.7	105.4	107.9
Feb	107.2	108.8	103.8	106.4	105.8
Mar	106.4	112.5	102.5	104.5	106.8
Apr	109.4	110.0	103.9	108.1	107.3
May	107.7	109.6	102.6	106.4	107.2
Jun	107.1	110.0	105.1	108.0	107.7
Jul	109.7	109.8	105.6	109.6	108.1
Aug	108.4	109.6	104.4	109.7	107.8
Sep	113.7	110.3	109.9	109.8	107.3
Oct	111.5	112.4	111.6	109.6	108.7
Nov	113.8	113.6	115.5	109.6	108.5

## Percentage change, latest year on previous year

	S233	S234	S235	S236	S237
2013	4.6	4.4	-4.5	3.8	4.9
2014	5.2	0.4	13.0	5.5	9.4
2015	8.9	5.3	-0.9	0.2	5.5
2016	8.3	2.7	-5.5	5.3	2.1
2017	6.3	2.0	4.0	5.1	4.5

## Percentage change, latest month on same month a year ago

	S27R	S27S	S27T	S27U	S27V
2016 Nov	5.6	7.5	-12.1	9.3	3.0
Dec	12.8	10.2	-4.3	7.2	3.6
2017 Jan	16.4	-0.1	-7.2	6.3	3.7
Feb	3.3	6.7	-1.1	7.0	2.4
Mar	14.9	-0.9	6.6	6.7	5.0
Apr	4.0	-2.6	3.1	-0.1	1.7
May	-2.8	0.5	8.1	2.6	5.9
Jun	7.9	4.3	5.9	7.6	5.4
Jul	8.2	1.5	4.9	5.8	5.2
Aug	3.9	6.0	4.0	9.5	5.7
Sep	1.9	9.6	6.6	4.5	4.0
Oct	6.0	-0.8	13.1	7.0	5.0
Nov	8.1	3.1	6.8	4.0	5.1
Dec	5.7	-2.5	-0.6	0.3	5.3
2018 Jan	-2.1	9.8	2.8	1.4	5.2
Feb	2.4	9.3	0.6	2.3	2.9
Mar	-3.3	20.7	-1.9	0.3	2.8
Apr	7.6	13.2	-0.3	8.6	5.9
May	8.2	8.9	-5.0	3.6	3.0
Jun	0.8	6.8	-0.1	0.9	3.3
Jul	3.8	6.8	1.2	3.7	3.5
Aug	2.3	4.2	0.8	0.4	2.6
Sep	6.0	1.7	5.1	1.8	1.5
Oct	5.5	9.6	6.9	2.4	2.6
Nov	5.2	7.2	11.8	3.8	1.4

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# IOSCOMP

IOS: Index of Services

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

seasonally adjusted 2016 = 100

continued

Component	Industry components (SIC2007)				
	Scientific research and development	Advertising and market research	Other professional scientific and technical activities	Veterinary activities	Administrative and support service activities
2016 weights	72	73	74	75	N
	7	10	8	2	60

## Percentage change, latest month on previous month

	S233	S234	S235	S236	S237
2016 Nov	0.4	-0.5	4.7	1.4	0.9
Dec	5.0	5.5	7.3	2.2	-0.2
2017 Jan	4.2	-7.9	-3.6	0.2	0.9
Feb	-4.5	-0.3	3.2	0.1	0.2
Mar	5.1	-6.5	1.3	0.2	1.1
Apr	-7.6	4.2	-0.3	-4.5	-2.4
May	-2.1	3.7	3.6	3.2	2.7
Jun	6.7	2.3	-2.6	4.3	0.2
Jul	-0.4	-0.2	-0.8	-1.3	0.2
Aug	0.3	2.4	-0.7	3.4	0.6
Sep	1.2	3.0	0.9	-1.3	0.5
Oct	-1.5	-5.5	-0.1	-0.8	0.3
Nov	2.4	3.4	-1.1	-1.3	0.9
Dec	2.7	-0.3	-0.1	-1.5	-
2018 Jan	-3.5	3.8	-0.4	1.4	0.8
Feb	-	-0.8	1.0	1.0	-1.9
Mar	-0.8	3.4	-1.2	-1.8	1.0
Apr	2.8	-2.3	1.3	3.4	0.5
May	-1.5	-0.3	-1.2	-1.5	-0.1
Jun	-0.6	0.3	2.4	1.5	0.4
Jul	2.5	-0.2	0.5	1.4	0.4
Aug	-1.2	-0.1	-1.2	0.1	-0.3
Sep	4.9	0.6	5.3	0.1	-0.5
Oct	-1.9	1.9	1.6	-0.2	1.3
Nov	2.1	1.2	3.5	-	-0.2

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

	S2H7	S2H8	S2H9	S2HA	S2HB
2016 Nov	8.6	6.4	-11.9	6.9	2.5
Dec	7.9	8.5	-10.7	7.0	2.9
2017 Jan	11.6	5.8	-7.9	7.6	3.4
Feb	10.6	5.5	-4.2	6.8	3.2
Mar	11.3	1.8	-0.8	6.7	3.7
Apr	7.3	1.0	2.8	4.5	3.0
May	5.2	-1.0	6.0	3.1	4.2
Jun	2.9	0.7	5.7	3.4	4.3
Jul	4.3	2.1	6.3	5.3	5.5
Aug	6.6	3.9	4.9	7.6	5.4
Sep	4.6	5.7	5.2	6.6	5.0
Oct	3.9	4.9	7.8	7.0	4.9
Nov	5.3	3.9	8.8	5.2	4.7
Dec	6.6	-0.1	6.2	3.7	5.1
2018 Jan	3.7	3.3	2.9	1.9	5.2
Feb	1.9	5.3	0.9	1.3	4.4
Mar	-1.1	13.1	0.5	1.3	3.6
Apr	2.1	14.3	-0.5	3.6	3.9
May	3.9	14.1	-2.4	4.1	3.9
Jun	5.5	9.6	-1.8	4.3	4.0
Jul	4.2	7.5	-1.3	2.7	3.3
Aug	2.3	5.9	0.7	1.6	3.1
Sep	4.0	4.2	2.4	1.9	2.5
Oct	4.6	5.1	4.3	1.5	2.2
Nov	5.6	6.1	7.9	2.7	1.8

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# IOSCOMP

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

seasonally adjusted 2016 = 100

continued

Component	Industry components (SIC2007)				
	Scientific research and development	Advertising and market research	Other professional scientific and technical activities	Veterinary activities	Administrative and support service activities
Component	72	73	74	75	N
2016 weights	7	10	8	2	60

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

	S2CH	S2CI	S2CJ	S2CK	S2CL
2016 Nov	2.3	1.9	-3.8	1.9	2.2
Dec	-	5.1	-1.5	0.8	1.3
2017 Jan	2.6	3.2	3.6	2.0	1.3
Feb	4.7	1.0	6.9	2.3	0.9
Mar	6.3	-6.9	5.1	2.3	1.6
Apr	0.5	-6.8	3.8	-0.4	0.6
May	-2.6	-5.5	3.2	-1.7	0.8
Jun	-5.2	2.7	3.2	-0.9	0.2
Jul	-1.6	5.7	1.8	2.5	1.6
Aug	2.2	6.9	-1.1	5.1	1.5
Sep	3.8	5.2	-1.5	4.4	1.8
Oct	2.4	3.2	-1.6	2.8	1.3
Nov	1.0	1.9	-0.3	-0.5	1.5
Dec	1.9	-0.7	-0.5	-2.0	1.5
2018 Jan	2.4	1.7	-1.1	-2.9	1.6
Feb	1.4	2.3	-0.8	-1.5	0.6
Mar	-1.3	5.4	-0.6	-0.1	0.1
Apr	-1.1	3.1	0.3	1.3	-0.6
May	-0.6	2.4	-0.2	1.0	0.2
Jun	1.0	-0.5	0.8	2.0	0.6
Jul	0.5	-0.6	1.0	1.6	1.0
Aug	0.5	-0.8	2.0	2.6	0.7
Sep	2.4	-	2.7	2.1	0.3
Oct	2.8	0.9	4.0	1.6	0.2
Nov	4.2	2.1	6.9	0.5	0.2

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# IOSCOMP

IOS: Index of Services

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

seasonally adjusted 2016 = 100

continued

Component	Industry components (SIC2007)				
	Rental and leasing activities	Employment activities	Travel agencies and tour operators	Security and investigation activities	Services to buildings and landscape activities
2016 weights	77	78	79	80	81
	13	14	8	3	8
	S2M2	S2M3	S2M4	S2M5	S2M6
2013	83.6	82.8	82.0	97.5	89.4
2014	88.7	95.0	87.8	94.9	99.0
2015	97.4	98.4	93.5	96.2	101.0
2016	100.0	100.0	100.0	100.0	100.0
2017	101.7	104.0	106.4	99.8	100.8
2016 Nov	101.3	103.2	106.4	101.1	104.1
Dec	102.2	100.9	108.7	97.4	102.2
2017 Jan	100.8	103.2	111.5	99.2	97.3
Feb	99.2	103.1	107.5	101.0	102.4
Mar	101.6	103.7	107.2	102.3	101.2
Apr	100.1	98.6	101.4	101.5	100.4
May	102.0	102.6	105.0	98.8	101.9
Jun	101.1	103.0	106.2	98.1	100.6
Jul	102.5	104.3	105.4	96.3	99.0
Aug	101.8	104.3	106.3	100.6	100.7
Sep	100.8	104.5	107.1	100.3	101.8
Oct	103.1	105.8	105.9	99.6	102.4
Nov	104.2	107.2	108.0	101.3	101.3
Dec	103.3	108.2	104.7	98.1	100.8
2018 Jan	107.9	107.6	103.8	102.3	102.4
Feb	103.1	106.9	98.9	104.4	102.4
Mar	103.6	107.6	100.2	105.5	103.9
Apr	105.5	108.0	101.2	106.7	102.1
May	102.4	110.6	97.9	107.5	103.7
Jun	104.0	111.8	101.0	107.9	103.1
Jul	102.3	111.6	101.5	110.0	101.9
Aug	103.2	111.6	100.3	107.2	101.9
Sep	102.0	113.6	98.6	109.8	102.7
Oct	101.0	114.5	101.0	111.9	104.3
Nov	101.7	113.8	104.1	110.7	104.7
<b>Percentage change, latest year on previous year</b>					
	S238	S239	S23A	S23B	S23C
2013	1.5	14.6	-0.6	-4.4	-5.5
2014	6.1	14.8	7.0	-2.6	10.7
2015	9.8	3.6	6.5	1.3	2.0
2016	2.6	1.6	7.0	4.0	-0.9
2017	1.7	4.0	6.4	-0.2	0.8
<b>Percentage change, latest month on same month a year ago</b>					
	S27W	S27X	S27Y	S27Z	S282
2016 Nov	3.4	7.6	10.6	-2.6	5.3
Dec	8.6	3.3	10.7	-7.7	10.5
2017 Jan	4.0	3.0	17.0	-2.2	1.4
Feb	-1.6	4.8	8.0	1.8	7.4
Mar	3.5	4.7	12.7	3.2	3.2
Apr	3.8	-2.4	3.2	4.2	-0.5
May	3.8	2.7	6.2	-1.9	3.7
Jun	2.9	3.4	8.8	-1.9	0.5
Jul	2.6	5.6	7.2	-4.0	-3.0
Aug	1.0	6.3	7.5	-0.5	1.3
Sep	-2.5	3.8	6.4	0.9	-0.5
Oct	-0.2	5.6	3.5	-3.0	1.0
Nov	2.9	3.9	1.5	0.2	-2.7
Dec	1.1	7.3	-3.6	0.7	-1.3
2018 Jan	7.0	4.2	-6.9	3.2	5.2
Feb	3.9	3.7	-8.0	3.4	-
Mar	1.9	3.8	-6.5	3.1	2.7
Apr	5.4	9.5	-0.2	5.2	1.6
May	0.4	7.8	-6.8	8.9	1.8
Jun	2.9	8.5	-4.9	10.0	2.5
Jul	-0.3	7.0	-3.7	14.2	3.0
Aug	1.3	7.0	-5.6	6.5	1.2
Sep	1.1	8.6	-8.0	9.5	0.9
Oct	-2.1	8.2	-4.6	12.3	1.9
Nov	-2.4	6.2	-3.6	9.3	3.3

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continued

Component	Industry components (SIC2007)				
	Rental and leasing activities	Employment activities	Travel agencies and tour operators	Security and investigation activities	Services to buildings and landscape activities
2016 weights	77	78	79	80	81
	13	14	8	3	8

## Percentage change, latest month on previous month

	S238	S239	S23A	S23B	S23C
2016 Nov	-2.0	3.0	4.1	-1.5	2.7
Dec	0.9	-2.2	2.1	-3.6	-1.8
2017 Jan	-1.4	2.3	2.6	1.9	-4.8
Feb	-1.6	-0.1	-3.6	1.8	5.2
Mar	2.5	0.6	-0.2	1.3	-1.2
Apr	-1.5	-4.9	-5.4	-0.8	-0.7
May	1.9	4.1	3.6	-2.7	1.4
Jun	-0.9	0.4	1.1	-0.7	-1.2
Jul	1.5	1.3	-0.8	-1.8	-1.6
Aug	-0.7	-	0.9	4.5	1.7
Sep	-1.0	0.2	0.8	-0.3	1.1
Oct	2.3	1.2	-1.2	-0.8	0.6
Nov	1.0	1.3	2.1	1.7	-1.0
Dec	-0.9	1.0	-3.1	-3.2	-0.5
2018 Jan	4.4	-0.6	-0.9	4.4	1.5
Feb	-4.4	-0.6	-4.8	2.0	-
Mar	0.5	0.6	1.4	1.1	1.5
Apr	1.8	0.4	1.0	1.2	-1.8
May	-3.0	2.4	-3.3	0.7	1.6
Jun	1.6	1.1	3.2	0.3	-0.6
Jul	-1.6	-0.1	0.5	2.0	-1.2
Aug	0.9	-	-1.2	-2.6	-
Sep	-1.2	1.8	-1.7	2.5	0.8
Oct	-1.0	0.8	2.4	1.8	1.6
Nov	0.7	-0.6	3.1	-1.1	0.4

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

	S2HC	S2HD	S2HE	S2HF	S2HG
2016 Nov	5.2	3.5	6.7	2.3	0.2
Dec	6.2	4.3	8.7	-1.2	5.0
2017 Jan	5.3	4.6	12.7	-4.2	5.7
Feb	3.5	3.7	11.8	-2.8	6.4
Mar	1.9	4.2	12.5	0.9	4.0
Apr	1.8	2.3	7.9	3.0	3.3
May	3.7	1.7	7.3	1.8	2.1
Jun	3.5	1.2	6.1	0.1	1.2
Jul	3.1	3.9	7.4	-2.6	0.4
Aug	2.1	5.1	7.8	-2.2	-0.4
Sep	0.3	5.2	7.0	-1.2	-0.8
Oct	-0.6	5.2	5.8	-0.9	0.6
Nov	-	4.4	3.8	-0.6	-0.7
Dec	1.2	5.6	0.4	-0.7	-1.0
2018 Jan	3.7	5.1	-3.1	1.4	0.3
Feb	4.0	5.1	-6.2	2.4	1.2
Mar	4.3	3.9	-7.1	3.2	2.6
Apr	3.8	5.6	-5.0	3.9	1.4
May	2.6	7.0	-4.6	5.7	2.0
Jun	2.9	8.6	-4.0	8.0	2.0
Jul	1.0	7.8	-5.1	11.0	2.4
Aug	1.3	7.5	-4.7	10.2	2.2
Sep	0.7	7.5	-5.8	10.0	1.7
Oct	0.1	7.9	-6.1	9.4	1.3
Nov	-1.2	7.6	-5.4	10.3	2.0

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# IOSCOMP

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

seasonally adjusted 2016 = 100

continued

Component	Industry components (SIC2007)				
	Rental and leasing activities	Employment activities	Travel agencies and tour operators	Security and investigation activities	Services to buildings and landscape activities
Component	77	78	79	80	81
2016 weights	13	14	8	3	8

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

	S2CM	S2CN	S2CO	S2CP	S2CQ
2016 Nov	3.0	2.6	4.9	0.6	2.0
Dec	0.8	2.3	6.5	-	1.3
2017 Jan	-1.1	2.7	8.2	-1.9	0.2
Feb	-1.9	1.0	5.9	-1.8	-1.9
Mar	-1.7	1.8	2.8	0.5	-2.2
Apr	-1.1	-0.6	-3.2	2.4	0.1
May	0.5	-0.8	-4.3	1.7	0.5
Jun	0.5	-1.8	-4.2	-1.4	0.7
Jul	1.6	1.5	0.2	-3.8	-0.8
Aug	0.6	2.2	1.3	-2.5	-1.1
Sep	0.7	3.0	2.0	-0.3	-0.5
Oct	0.1	1.5	0.9	2.5	1.1
Nov	0.9	1.9	1.0	2.1	1.7
Dec	1.8	2.6	-0.1	0.6	1.0
2018 Jan	3.1	2.6	-0.9	0.4	-0.1
Feb	2.0	1.6	-4.3	1.2	0.1
Mar	1.3	0.3	-5.0	4.4	1.4
Apr	-1.0	-0.2	-5.1	5.0	1.2
May	-0.9	1.1	-2.6	4.9	1.3
Jun	-0.8	2.6	-0.9	3.2	0.1
Jul	-1.1	3.6	-	2.8	0.1
Aug	-0.7	2.7	1.2	1.7	-0.9
Sep	-1.4	2.0	0.1	1.5	-0.8
Oct	-0.8	1.7	-0.2	1.1	-
Nov	-1.6	2.0	0.3	2.2	1.6

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# IOSCOMP

IOS: Index of Services

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

seasonally adjusted 2016 = 100

continued

Industry components (SIC2007)					
Component	Office administrative, office support and other business support activities	Public admin and defence; compulsory social security	Public admin and defence; compulsory social security	Education	Education
	82	O	84	P	85
2016 weights	15	59	59	74	74
	S2M7	S2M8	S2M9	S2MA	S2MB
2013	85.6	105.8	105.8	97.4	97.4
2014	94.1	103.8	103.8	98.9	98.9
2015	99.3	101.8	101.8	100.6	100.6
2016	100.0	100.0	100.0	100.0	100.0
2017	109.1	100.2	100.2	100.6	100.6
2016 Nov	97.5	99.8	99.8	99.9	99.9
Dec	98.5	99.8	99.8	100.3	100.3
2017 Jan	102.0	99.7	99.7	100.8	100.8
Feb	103.6	99.8	99.8	101.0	101.0
Mar	105.8	100.0	100.0	100.8	100.8
Apr	105.5	100.2	100.2	100.6	100.6
May	108.9	100.4	100.4	100.5	100.5
Jun	110.1	100.3	100.3	100.4	100.4
Jul	109.9	100.1	100.1	100.5	100.5
Aug	111.1	100.0	100.0	100.5	100.5
Sep	113.0	100.2	100.2	100.6	100.6
Oct	111.6	100.4	100.4	100.5	100.5
Nov	112.4	100.5	100.5	100.4	100.4
Dec	114.9	100.6	100.6	100.4	100.4
2018 Jan	114.0	100.6	100.6	100.4	100.4
Feb	112.5	100.6	100.6	100.5	100.5
Mar	114.0	100.7	100.7	100.6	100.6
Apr	114.3	100.8	100.8	100.8	100.8
May	114.8	101.0	101.0	100.9	100.9
Jun	112.8	101.0	101.0	100.8	100.8
Jul	116.1	101.1	101.1	100.6	100.6
Aug	115.3	101.1	101.1	100.6	100.6
Sep	112.3	101.0	101.0	100.7	100.7
Oct	115.6	101.0	101.0	100.7	100.7
Nov	113.0	101.1	101.1	100.8	100.8
<b>Percentage change, latest year on previous year</b>					
	S23D	S23E	S23F	S23G	S23H
2013	9.3	-2.4	-2.4	0.7	0.7
2014	9.9	-1.8	-1.8	1.5	1.5
2015	5.6	-1.9	-1.9	1.7	1.7
2016	0.7	-1.8	-1.8	-0.6	-0.6
2017	9.1	0.2	0.2	0.6	0.6
<b>Percentage change, latest month on same month a year ago</b>					
	S283	S284	S285	S286	S287
2016 Nov	-5.1	-1.2	-1.2	-1.1	-1.1
Dec	-4.5	-1.3	-1.3	-0.9	-0.9
2017 Jan	-0.4	-0.9	-0.9	0.2	0.2
Feb	-1.3	-0.7	-0.7	0.1	0.1
Mar	3.7	-0.2	-0.2	0.9	0.9
Apr	3.8	0.2	0.2	1.1	1.1
May	13.2	0.6	0.6	0.4	0.4
Jun	11.4	0.5	0.5	0.5	0.5
Jul	11.6	0.3	0.3	0.7	0.7
Aug	11.4	0.2	0.2	0.8	0.8
Sep	11.4	0.3	0.3	0.9	0.9
Oct	13.3	0.5	0.5	0.8	0.8
Nov	15.4	0.7	0.7	0.5	0.5
Dec	16.7	0.8	0.8	0.1	0.1
2018 Jan	11.7	0.8	0.8	-0.4	-0.4
Feb	8.6	0.8	0.8	-0.5	-0.5
Mar	7.7	0.7	0.7	-0.2	-0.2
Apr	8.4	0.6	0.6	0.2	0.2
May	5.4	0.6	0.6	0.4	0.4
Jun	2.5	0.8	0.8	0.3	0.3
Jul	5.7	0.9	0.9	0.2	0.2
Aug	3.8	1.0	1.0	0.1	0.1
Sep	-0.7	0.9	0.9	0.2	0.2
Oct	3.6	0.7	0.7	0.2	0.2
Nov	0.5	0.5	0.5	0.4	0.4

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# IOSCOMP

IOS: Index of Services

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

seasonally adjusted 2016 = 100

continued

Component	Industry components (SIC2007)				
	Office administrative, office support and other business support activities	Public admin and defence; compulsory social security	Public admin and defence; compulsory social security	Education	Education
	82	0	84	P	85
2016 weights	15	59	59	74	74

## Percentage change, latest month on previous month

	S23D	S23E	S23F	S23G	S23H
2016 Nov	-1.0	-	-	0.2	0.2
Dec	1.0	-	-	0.4	0.4
2017 Jan	3.6	-	-	0.5	0.5
Feb	1.5	0.1	0.1	0.2	0.2
Mar	2.1	0.2	0.2	-0.2	-0.2
Apr	-0.3	0.2	0.2	-0.2	-0.2
May	3.3	0.1	0.1	-0.1	-0.1
Jun	1.1	-0.1	-0.1	-	-
Jul	-0.2	-0.2	-0.2	-	-
Aug	1.1	-0.1	-0.1	0.1	0.1
Sep	1.7	0.1	0.1	-	-
Oct	-1.2	0.2	0.2	-0.1	-0.1
Nov	0.7	0.2	0.2	-0.1	-0.1
Dec	2.2	-	-	-	-
2018 Jan	-0.8	-	-	-0.1	-0.1
Feb	-1.3	-	-	0.1	0.1
Mar	1.3	0.1	0.1	0.2	0.2
Apr	0.3	0.2	0.2	0.2	0.2
May	0.5	0.1	0.1	0.1	0.1
Jun	-1.8	0.1	0.1	-0.1	-0.1
Jul	2.9	-	-	-0.1	-0.1
Aug	-0.7	-	-	-	-
Sep	-2.6	-	-	0.1	0.1
Oct	3.0	-	-	-	-
Nov	-2.2	-	-	-	-

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

	S2HH	S2HI	S2HJ	S2HK	S2HL
2016 Nov	-1.6	-1.2	-1.2	-1.2	-1.2
Dec	-4.2	-1.2	-1.2	-1.1	-1.1
2017 Jan	-3.3	-1.1	-1.1	-0.6	-0.6
Feb	-2.0	-1.0	-1.0	-0.2	-0.2
Mar	0.7	-0.6	-0.6	0.4	0.4
Apr	2.1	-0.2	-0.2	0.7	0.7
May	6.8	0.2	0.2	0.8	0.8
Jun	9.4	0.5	0.5	0.7	0.7
Jul	12.1	0.5	0.5	0.5	0.5
Aug	11.5	0.3	0.3	0.7	0.7
Sep	11.5	0.3	0.3	0.8	0.8
Oct	12.0	0.3	0.3	0.8	0.8
Nov	13.3	0.5	0.5	0.7	0.7
Dec	15.1	0.7	0.7	0.5	0.5
2018 Jan	14.6	0.8	0.8	0.1	0.1
Feb	12.3	0.8	0.8	-0.3	-0.3
Mar	9.3	0.7	0.7	-0.4	-0.4
Apr	8.2	0.7	0.7	-0.2	-0.2
May	7.2	0.6	0.6	0.1	0.1
Jun	5.4	0.6	0.6	0.3	0.3
Jul	4.5	0.8	0.8	0.3	0.3
Aug	4.0	0.9	0.9	0.2	0.2
Sep	2.9	0.9	0.9	0.1	0.1
Oct	2.2	0.9	0.9	0.2	0.2
Nov	1.1	0.7	0.7	0.3	0.3

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# IOSCOMP

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

seasonally adjusted 2016 = 100

continued

Component	Industry components (SIC2007)				
	Office administrative, office support and other business support activities	Public admin and defence; compulsory social security	Public admin and defence; compulsory social security	Education	Education
	82	O	84	P	85
<b>2016 weights</b>	<b>15</b>	<b>59</b>	<b>59</b>	<b>74</b>	<b>74</b>

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

	S2CR	S2CS	S2CT	S2CU	S2CV
2016 Nov	0.1	-	-	-0.1	-0.1
Dec	-1.7	-	-	0.3	0.3
2017 Jan	-0.6	-0.1	-0.1	0.7	0.7
Feb	2.2	-0.1	-0.1	0.9	0.9
Mar	5.8	-	-	0.9	0.9
Apr	5.7	0.2	0.2	0.5	0.5
May	5.3	0.4	0.4	-0.1	-0.1
Jun	4.2	0.4	0.4	-0.4	-0.4
Jul	4.5	0.2	0.2	-0.4	-0.4
Aug	3.4	-	-	-0.2	-0.2
Sep	2.9	-0.2	-0.2	-	-
Oct	2.1	-0.1	-0.1	0.1	0.1
Nov	1.8	0.2	0.2	-	-
Dec	1.5	0.4	0.4	-0.1	-0.1
2018 Jan	1.7	0.4	0.4	-0.1	-0.1
Feb	1.3	0.2	0.2	-0.1	-0.1
Mar	0.5	0.1	0.1	-	-
Apr	-0.2	0.1	0.1	0.2	0.2
May	0.5	0.2	0.2	0.3	0.3
Jun	0.4	0.3	0.3	0.3	0.3
Jul	0.9	0.3	0.3	0.1	0.1
Aug	0.3	0.2	0.2	-0.1	-0.1
Sep	0.5	0.1	0.1	-0.2	-0.2
Oct	-0.2	-	-	-0.1	-0.1
Nov	-1.0	-	-	0.1	0.1

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seasonally adjusted 2016 = 100

continued

Industry components (SIC2007)					
Component	Human health and social work activities	Human health activities	Residential care activities	Social work activities without accommodation	Arts, entertainment and recreation
	Q	86	87	88	R
2016 weights	94	70	11	13	19
	S2MC	S2MD	S2ME	S2MF	S2MG
2013	93.8	92.2	99.0	98.4	96.7
2014	96.9	96.1	100.0	98.9	99.1
2015	98.4	97.7	100.6	100.9	99.8
2016	100.0	100.0	100.0	100.0	100.0
2017	99.7	99.7	98.2	101.3	102.6
2016 Nov	99.7	99.7	99.5	99.4	100.7
Dec	99.8	99.9	99.3	99.6	102.8
2017 Jan	99.7	99.8	99.2	99.6	103.2
Feb	99.7	99.7	99.0	100.1	101.3
Mar	99.8	99.7	98.7	101.2	100.6
Apr	99.9	99.7	98.4	102.3	102.8
May	100.1	99.8	98.3	102.9	101.1
Jun	99.9	99.7	98.3	102.6	101.6
Jul	99.9	99.8	98.3	101.6	101.6
Aug	99.7	99.7	98.2	100.8	103.5
Sep	99.4	99.4	97.9	100.6	103.3
Oct	99.4	99.5	97.5	100.9	104.6
Nov	99.6	99.6	97.1	101.4	103.3
Dec	99.7	99.8	96.8	101.9	104.8
2018 Jan	99.8	99.9	96.8	102.2	103.9
Feb	99.9	99.9	96.8	102.0	103.2
Mar	99.9	100.1	96.9	101.3	104.5
Apr	99.8	100.1	97.1	100.5	104.1
May	99.7	100.0	97.5	100.1	103.6
Jun	99.7	99.9	97.9	100.3	104.7
Jul	99.6	99.6	98.4	100.9	104.3
Aug	99.8	99.6	98.8	101.5	104.4
Sep	100.0	99.8	99.0	101.7	104.9
Oct	100.3	100.2	99.0	101.7	104.5
Nov	100.5	100.6	99.0	101.7	103.7
Percentage change, latest year on previous year					
	S23I	S23J	S23K	S23L	S23M
2013	2.3	2.8	0.2	1.3	-3.6
2014	3.4	4.3	1.0	0.5	2.5
2015	1.5	1.6	0.5	2.0	0.7
2016	1.6	2.4	-0.5	-0.9	0.2
2017	-0.3	-0.3	-1.8	1.3	2.6
Percentage change, latest month on same month a year ago					
	S288	S289	S28A	S28B	S28C
2016 Nov	0.3	0.7	0.8	-2.2	0.5
Dec	0.3	0.9	0.5	-2.8	-0.8
2017 Jan	-0.1	0.5	0.1	-3.1	1.9
Feb	-0.5	-0.1	-0.9	-2.5	0.7
Mar	-0.5	-0.4	-2.0	0.1	0.5
Apr	-0.2	-0.4	-2.9	3.0	4.9
May	-	-0.4	-3.2	4.8	2.5
Jun	-0.2	-0.6	-2.6	4.4	2.3
Jul	-0.2	-0.5	-1.6	2.6	0.6
Aug	-0.4	-0.6	-1.0	1.0	5.3
Sep	-0.5	-0.6	-1.2	0.7	3.6
Oct	-0.3	-0.4	-1.9	1.3	4.7
Nov	-0.1	-0.1	-2.4	2.0	2.6
Dec	-0.1	-0.1	-2.5	2.3	2.0
2018 Jan	0.1	0.1	-2.5	2.6	0.7
Feb	0.2	0.2	-2.2	1.9	1.9
Mar	0.1	0.4	-1.8	0.1	3.9
Apr	-0.2	0.3	-1.3	-1.8	1.2
May	-0.4	0.2	-0.8	-2.8	2.4
Jun	-0.2	0.2	-0.4	-2.2	3.1
Jul	-0.3	-0.2	0.1	-0.8	2.7
Aug	0.1	-0.1	0.6	0.6	0.9
Sep	0.6	0.4	1.1	1.1	1.6
Oct	0.9	0.8	1.5	0.8	-0.1
Nov	1.0	0.9	1.9	0.2	0.4

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Component	Human health and social work activities	Human health activities	Residential care activities	Social work activities without accommodation	Arts, entertainment and recreation
	Q	86	87	88	R
<b>2016 weights</b>	<b>94</b>	<b>70</b>	<b>11</b>	<b>13</b>	<b>19</b>

## Percentage change, latest month on previous month

	S23I	S23J	S23K	S23L	S23M
2016 Nov	-0.1	-0.1	0.2	-0.2	0.8
Dec	0.1	0.2	-0.2	0.2	2.1
2017 Jan	-0.1	-0.1	-0.1	-	0.5
Feb	-	-0.1	-0.3	0.5	-1.9
Mar	0.1	-0.1	-0.3	1.1	-0.7
Apr	0.2	0.1	-0.2	1.1	2.2
May	0.1	0.1	-0.1	0.6	-1.6
Jun	-0.1	-0.1	-	-0.3	0.5
Jul	-	0.2	-	-0.9	-
Aug	-0.2	-0.1	-0.1	-0.8	1.8
Sep	-0.3	-0.3	-0.3	-0.2	-0.2
Oct	-	-	-0.4	0.3	1.3
Nov	0.1	0.2	-0.4	0.5	-1.2
Dec	0.2	0.2	-0.2	0.5	1.4
2018 Jan	0.1	0.1	-0.1	0.3	-0.8
Feb	-	0.1	-	-0.2	-0.7
Mar	-	0.1	0.1	-0.7	1.3
Apr	-0.1	-	0.2	-0.8	-0.4
May	-0.1	-0.1	0.4	-0.5	-0.5
Jun	-	-0.1	0.5	0.2	1.1
Jul	-0.1	-0.3	0.5	0.6	-0.4
Aug	0.2	-	0.4	0.6	0.1
Sep	0.2	0.2	0.2	0.3	0.5
Oct	0.3	0.4	-	-	-0.4
Nov	0.2	0.3	-	-0.1	-0.7

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

	S2HM	S2HN	S2HO	S2HP	S2HQ
2016 Nov	0.6	1.1	-0.1	-1.6	-0.1
Dec	0.4	0.9	0.4	-2.2	0.2
2017 Jan	0.2	0.7	0.5	-2.7	0.5
Feb	-0.1	0.4	-0.1	-2.8	0.6
Mar	-0.4	-	-0.9	-1.9	1.1
Apr	-0.4	-0.3	-1.9	0.2	2.0
May	-0.3	-0.4	-2.7	2.6	2.6
Jun	-0.1	-0.5	-2.9	4.0	3.2
Jul	-0.1	-0.5	-2.5	3.9	1.8
Aug	-0.3	-0.5	-1.8	2.6	2.7
Sep	-0.4	-0.5	-1.3	1.4	3.1
Oct	-0.4	-0.5	-1.4	1.0	4.5
Nov	-0.3	-0.4	-1.9	1.3	3.6
Dec	-0.2	-0.2	-2.3	1.9	3.1
2018 Jan	-	-0.1	-2.5	2.3	1.7
Feb	0.1	-	-2.4	2.2	1.5
Mar	0.1	0.2	-2.2	1.5	2.2
Apr	-	0.3	-1.8	0.1	2.3
May	-0.1	0.3	-1.3	-1.5	2.5
Jun	-0.2	0.2	-0.9	-2.3	2.2
Jul	-0.3	-	-0.4	-1.9	2.7
Aug	-0.1	-0.1	0.1	-0.8	2.2
Sep	0.1	-	0.6	0.3	1.7
Oct	0.5	0.4	1.1	0.8	0.8
Nov	0.8	0.7	1.5	0.7	0.6

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# IOSCOMP

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

seasonally adjusted 2016 = 100

continued

Industry components (SIC2007)					
	Human health and social work activities	Human health activities	Residential care activities	Social work activities without accommodation	Arts, entertainment and recreation
Component	Q	86	87	88	R
2016 weights	94	70	11	13	19

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

	S2CW	S2CX	S2CY	S2CZ	S2D2
2016 Nov	-0.3	-0.4	-0.7	0.6	0.6
Dec	-0.3	-0.4	-0.1	-0.1	1.5
2017 Jan	-0.2	-0.2	0.1	-0.2	3.0
Feb	-	-0.1	-0.2	0.1	2.3
Mar	-	-0.1	-0.4	0.8	0.6
Apr	0.1	-0.1	-0.7	1.7	-0.7
May	0.2	-0.1	-0.7	2.4	-0.9
Jun	0.2	-	-0.6	2.3	0.2
Jul	0.2	0.1	-0.4	1.1	-0.1
Aug	-0.1	-	-0.2	-0.5	0.7
Sep	-0.3	-0.1	-0.2	-1.5	0.9
Oct	-0.4	-0.2	-0.4	-1.5	2.3
Nov	-0.4	-0.2	-0.8	-0.7	1.5
Dec	-0.1	-	-1.0	0.4	1.4
2018 Jan	0.2	0.2	-1.0	1.0	0.2
Feb	0.3	0.4	-0.7	1.0	0.2
Mar	0.3	0.3	-0.3	0.4	-0.3
Apr	0.1	0.3	-	-0.5	-0.1
May	-	0.2	0.4	-1.4	0.1
Jun	-0.1	-	0.7	-1.5	0.2
Jul	-0.2	-0.2	1.0	-0.9	0.3
Aug	-0.1	-0.3	1.3	0.2	0.4
Sep	0.1	-0.3	1.3	1.1	0.4
Oct	0.4	0.1	1.0	1.2	0.4
Nov	0.6	0.5	0.6	0.8	-0.1

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# IOSCOMP

IOS: Index of Services

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

seasonally adjusted 2016 = 100

continued

Component	Industry components (SIC2007)				
	Creative arts and entertainment activities	Libraries, museums and other cultural activities	Gambling and betting activities	Sports activities and recreation activities	Other service activities
	90	91	92	93	S
<b>2016 weights</b>	<b>5</b>	<b>3</b>	<b>7</b>	<b>4</b>	<b>27</b>
	S2MH	S2MI	S2MJ	S2MK	S2ML
2013	90.6	113.6	96.2	96.5	88.9
2014	89.0	110.7	100.6	102.3	98.6
2015	97.1	97.4	102.4	100.0	102.1
2016	100.0	100.0	100.0	100.0	100.0
2017	104.8	103.0	100.2	104.0	104.4
2016 Nov	99.3	102.7	99.0	103.9	102.0
Dec	108.9	103.2	99.3	101.5	104.3
2017 Jan	108.0	104.7	99.0	103.9	105.2
Feb	100.6	107.2	98.3	103.2	103.6
Mar	102.3	101.1	97.9	102.7	105.1
Apr	103.6	106.1	98.2	107.7	105.9
May	104.5	99.8	97.6	104.2	106.4
Jun	106.2	101.3	99.1	100.8	105.0
Jul	103.9	100.1	100.7	101.4	104.3
Aug	106.5	102.8	101.8	103.1	106.1
Sep	103.4	102.3	102.8	104.7	104.5
Oct	108.1	104.0	102.7	104.1	103.5
Nov	105.1	100.8	102.4	104.4	101.5
Dec	105.4	105.9	102.2	107.8	102.0
2018 Jan	107.5	103.8	101.4	104.3	103.2
Feb	108.2	101.8	102.1	100.0	102.2
Mar	110.3	105.9	102.2	100.7	102.8
Apr	110.2	102.5	101.4	102.5	102.9
May	107.5	103.8	100.5	104.1	102.2
Jun	109.2	104.2	101.4	105.6	102.3
Jul	109.9	103.6	102.2	101.6	102.3
Aug	109.9	101.6	102.9	102.5	101.7
Sep	111.9	98.6	103.1	104.2	100.8
Oct	111.7	97.0	102.3	104.8	102.4
Nov	108.2	101.3	101.5	103.8	102.1
<b>Percentage change, latest year on previous year</b>					
	S23N	S23O	S23P	S23Q	S23R
2013	-4.6	6.6	-4.2	-8.1	0.2
2014	-1.7	-2.5	4.6	6.0	11.0
2015	9.0	-12.0	1.8	-2.3	3.6
2016	3.0	2.7	-2.3	-	-2.1
2017	4.8	3.0	0.2	4.0	4.4
<b>Percentage change, latest month on same month a year ago</b>					
	S28D	S28E	S28F	S28G	S28H
2016 Nov	2.5	6.7	-5.9	7.5	-0.9
Dec	5.9	-2.3	-5.5	0.8	2.5
2017 Jan	5.9	3.7	-4.5	8.3	5.3
Feb	-0.9	11.3	-4.1	4.5	2.3
Mar	8.9	-5.0	-3.0	2.0	5.1
Apr	7.4	11.5	-1.4	8.8	6.5
May	5.1	3.1	-1.4	5.7	7.0
Jun	3.2	7.8	0.2	0.6	6.4
Jul	-1.2	3.1	1.6	-1.0	5.3
Aug	11.1	4.1	2.5	4.6	7.3
Sep	3.5	1.3	3.5	5.5	7.6
Oct	14.2	-3.4	3.6	2.6	3.6
Nov	5.8	-1.8	3.4	0.5	-0.5
Dec	-3.3	2.6	2.9	6.2	-2.2
2018 Jan	-0.5	-0.9	2.3	0.4	-1.9
Feb	7.6	-5.1	3.9	-3.1	-1.3
Mar	7.8	4.7	4.3	-2.0	-2.3
Apr	6.4	-3.4	3.2	-4.8	-2.8
May	2.9	4.1	3.0	-0.1	-3.9
Jun	2.9	2.8	2.3	4.8	-2.6
Jul	5.8	3.5	1.6	0.2	-2.0
Aug	3.2	-1.1	1.1	-0.6	-4.2
Sep	8.2	-3.6	0.3	-0.5	-3.5
Oct	3.3	-6.8	-0.4	0.7	-1.0
Nov	3.0	0.5	-0.9	-0.6	0.5

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# IOSCOMP

IOS: Index of Services

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

seasonally adjusted 2016 = 100

continued

Component	Industry components (SIC2007)				
	Creative arts and entertainment activities	Libraries, museums and other cultural activities	Gambling and betting activities	Sports activities and recreation activities	Other service activities
	90	91	92	93	S
<b>2016 weights</b>	<b>5</b>	<b>3</b>	<b>7</b>	<b>4</b>	<b>27</b>

## Percentage change, latest month on previous month

	S23N	S23O	S23P	S23Q	S23R
2016 Nov	4.9	-4.7	-0.1	2.4	2.1
Dec	9.7	0.6	0.3	-2.3	2.2
2017 Jan	-0.9	1.5	-0.2	2.3	0.9
Feb	-6.9	2.4	-0.7	-0.7	-1.5
Mar	1.8	-5.7	-0.4	-0.5	1.5
Apr	1.2	5.0	0.3	4.8	0.7
May	0.9	-6.0	-0.6	-3.2	0.5
Jun	1.6	1.5	1.6	-3.3	-1.3
Jul	-2.2	-1.2	1.6	0.6	-0.6
Aug	2.5	2.7	1.1	1.7	1.7
Sep	-2.9	-0.4	0.9	1.5	-1.5
Oct	4.6	1.7	-0.1	-0.5	-1.0
Nov	-2.9	-3.1	-0.2	0.3	-1.9
Dec	0.3	5.1	-0.3	3.2	0.5
2018 Jan	2.0	-2.0	-0.8	-3.3	1.1
Feb	0.7	-1.9	0.8	-4.2	-0.9
Mar	1.9	4.0	-	0.7	0.6
Apr	-0.1	-3.2	-0.8	1.8	0.1
May	-2.4	1.3	-0.8	1.5	-0.7
Jun	1.6	0.3	0.9	1.5	0.1
Jul	0.6	-0.5	0.8	-3.8	-
Aug	-	-1.9	0.7	0.9	-0.6
Sep	1.8	-2.9	0.1	1.6	-0.9
Oct	-0.2	-1.7	-0.8	0.6	1.6
Nov	-3.2	4.5	-0.8	-0.9	-0.4

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

	S2HR	S2HS	S2HT	S2HU	S2HV
2016 Nov	1.5	8.5	-4.8	1.4	-3.0
Dec	3.6	5.3	-5.5	3.6	-0.1
2017 Jan	4.8	2.6	-5.3	5.5	2.3
Feb	3.7	4.0	-4.7	4.5	3.3
Mar	4.6	3.0	-3.9	4.9	4.2
Apr	5.0	5.5	-2.9	5.1	4.6
May	7.1	2.9	-1.9	5.5	6.2
Jun	5.2	7.5	-0.9	5.0	6.6
Jul	2.3	4.7	0.1	1.8	6.2
Aug	4.1	5.0	1.4	1.4	6.3
Sep	4.3	2.9	2.5	3.0	6.7
Oct	9.5	0.6	3.2	4.2	6.1
Nov	7.7	-1.4	3.5	2.8	3.5
Dec	5.2	-0.9	3.3	3.1	0.3
2018 Jan	0.5	-	2.9	2.3	-1.5
Feb	1.2	-1.2	3.0	1.1	-1.8
Mar	4.9	-0.5	3.5	-1.5	-1.8
Apr	7.3	-1.4	3.8	-3.3	-2.1
May	5.7	1.7	3.5	-2.3	-3.0
Jun	4.0	1.1	2.8	-0.2	-3.1
Jul	3.8	3.5	2.3	1.6	-2.8
Aug	3.9	1.7	1.6	1.4	-2.9
Sep	5.7	-0.4	1.0	-0.3	-3.2
Oct	4.9	-3.9	0.3	-0.1	-2.9
Nov	4.8	-3.3	-0.4	-0.1	-1.4

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# IOSCOMP

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

seasonally adjusted 2016 = 100

continued

Component	Industry components (SIC2007)				
	Creative arts and entertainment activities	Libraries, museums and other cultural activities	Gambling and betting activities	Sports activities and recreation activities	Other service activities
	90	91	92	93	S
<b>2016 weights</b>	<b>5</b>	<b>3</b>	<b>7</b>	<b>4</b>	<b>27</b>

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

	S2D3	S2D4	S2D5	S2D6	S2D7
2016 Nov	-3.3	7.5	-	1.2	0.8
Dec	0.6	5.7	-0.1	2.3	3.7
2017 Jan	8.8	1.0	-0.2	3.4	5.3
Feb	8.0	1.2	-0.3	1.3	4.7
Mar	2.6	-0.2	-0.7	0.9	2.5
Apr	-3.1	1.2	-1.0	1.3	1.0
May	-2.2	-2.6	-1.0	1.9	1.4
Jun	1.1	-1.9	-0.1	0.9	1.0
Jul	2.7	-4.2	1.0	-2.3	0.4
Aug	2.0	-0.9	2.7	-2.9	-0.6
Sep	-0.1	-0.6	3.5	-1.1	-0.7
Oct	1.1	2.6	3.3	1.8	-0.5
Nov	-	1.0	2.1	2.6	-1.9
Dec	1.5	1.8	0.7	2.3	-2.5
2018 Jan	-	0.4	-0.4	1.5	-2.3
Feb	1.4	1.4	-0.7	-0.3	-0.7
Mar	2.4	0.2	-0.5	-3.6	0.4
Apr	3.4	-0.1	-0.1	-4.2	0.4
May	2.2	0.2	-0.5	-1.6	0.2
Jun	0.3	-0.3	-0.8	2.4	-0.2
Jul	-0.7	0.5	-0.5	2.7	-0.3
Aug	0.3	-0.9	0.8	0.8	-0.5
Sep	1.4	-2.1	1.6	-1.3	-0.8
Oct	2.1	-4.6	1.3	0.1	-0.6
Nov	0.8	-4.0	0.1	1.0	-0.3

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# IOSCOMP

IOS: Index of Services

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

seasonally adjusted 2016 = 100

continued

Component	Industry components (SIC2007)				
	Activities of membership organisations	Repair of computers and household goods	Other personal service activities	Activities of households as employers	Activities of households as employers
	94	95	96	T	97
2016 weights	11	2	13	5	5
	S2MM	S2MN	S2MO	S2MP	S2MQ
2013	91.8	75.0	88.9	98.6	98.6
2014	100.1	93.8	98.1	93.6	93.6
2015	100.4	104.4	103.3	92.5	92.5
2016	100.0	100.0	100.0	100.0	100.0
2017	95.1	113.8	110.4	92.8	92.8
2016 Nov	98.2	100.5	105.5	91.4	91.4
Dec	97.8	108.3	109.2	87.3	87.3
2017 Jan	96.9	109.7	111.2	88.6	88.6
Feb	96.3	104.9	109.3	89.5	89.5
Mar	95.9	116.9	110.6	89.8	89.8
Apr	95.9	109.2	113.4	91.2	91.2
May	96.4	114.6	113.0	93.2	93.2
Jun	96.5	112.3	110.6	97.5	97.5
Jul	97.2	114.6	108.3	99.0	99.0
Aug	96.8	117.5	111.6	98.0	98.0
Sep	94.8	116.9	110.2	96.0	96.0
Oct	92.3	117.6	110.1	92.1	92.1
Nov	90.8	113.9	108.1	88.5	88.5
Dec	91.1	117.6	108.1	89.8	89.8
2018 Jan	92.3	115.7	109.8	92.4	92.4
Feb	93.5	115.5	106.9	95.1	95.1
Mar	93.5	117.6	107.7	99.9	99.9
Apr	92.9	119.0	108.2	99.4	99.4
May	92.5	116.3	107.6	97.9	97.9
Jun	93.1	114.2	107.7	98.0	98.0
Jul	94.3	111.2	107.3	97.5	97.5
Aug	95.2	111.7	105.2	99.2	99.2
Sep	95.5	110.9	103.3	100.9	100.9
Oct	95.3	113.4	106.3	101.2	101.2
Nov	95.0	116.1	105.3	101.3	101.3
Percentage change, latest year on previous year					
	S23S	S23T	S23U	S23V	S23W
2013	-2.5	-1.9	2.7	1.9	1.9
2014	9.1	25.0	10.4	-5.1	-5.1
2015	0.3	11.3	5.2	-1.2	-1.2
2016	-0.4	-4.2	-3.2	8.1	8.1
2017	-4.9	13.8	10.4	-7.2	-7.2
Percentage change, latest month on same month a year ago					
	S28I	S28J	S28K	S28L	S28M
2016 Nov	-5.3	-2.3	3.1	-8.7	-8.7
Dec	-4.9	2.3	9.0	-12.3	-12.3
2017 Jan	-5.1	12.1	13.0	-7.3	-7.3
Feb	-6.2	5.5	9.0	-5.8	-5.8
Mar	-5.9	16.5	12.5	-7.4	-7.4
Apr	-5.2	7.2	16.2	-11.0	-11.0
May	-5.1	19.0	15.4	-13.0	-13.0
Jun	-4.0	20.9	12.8	-10.9	-10.9
Jul	-2.9	14.5	10.5	-9.7	-9.7
Aug	-1.4	14.5	12.8	-8.2	-8.2
Sep	-2.7	14.9	14.7	-6.0	-6.0
Oct	-5.9	19.6	8.3	-4.5	-4.5
Nov	-7.6	13.4	2.5	-3.2	-3.2
Dec	-6.9	8.6	-1.0	2.9	2.9
2018 Jan	-4.8	5.5	-1.3	4.3	4.3
Feb	-2.9	10.2	-2.2	6.4	6.4
Mar	-2.5	0.6	-2.6	11.2	11.2
Apr	-3.1	9.0	-4.6	9.1	9.1
May	-4.0	1.5	-4.8	5.1	5.1
Jun	-3.5	1.7	-2.7	0.5	0.5
Jul	-3.1	-2.9	-1.0	-1.5	-1.5
Aug	-1.6	-4.9	-5.8	1.2	1.2
Sep	0.7	-5.1	-6.2	5.1	5.1
Oct	3.2	-3.6	-3.4	9.9	9.9
Nov	4.6	1.9	-2.6	14.5	14.5

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# IOSCOMP

IOS: Index of Services

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

seasonally adjusted 2016 = 100

continued

Component	Industry components (SIC2007)				
	Activities of membership organisations	Repair of computers and household goods	Other personal service activities	Activities of households as employers	Activities of households as employers
	94	95	96	T	97
<b>2016 weights</b>	<b>11</b>	<b>2</b>	<b>13</b>	<b>5</b>	<b>5</b>

## Percentage change, latest month on previous month

	S23S	S23T	S23U	S23V	S23W
2016 Nov	0.1	2.2	3.8	-5.2	-5.2
Dec	-0.4	7.7	3.5	-4.5	-4.5
2017 Jan	-0.9	1.3	1.8	1.5	1.5
Feb	-0.6	-4.4	-1.7	1.0	1.0
Mar	-0.4	11.5	1.2	0.4	0.4
Apr	-	-6.6	2.6	1.5	1.5
May	0.5	4.9	-0.3	2.2	2.2
Jun	0.2	-2.0	-2.1	4.7	4.7
Jul	0.7	2.1	-2.1	1.5	1.5
Aug	-0.5	2.5	3.0	-1.0	-1.0
Sep	-2.0	-0.5	-1.3	-2.0	-2.0
Oct	-2.6	0.6	-0.1	-4.1	-4.1
Nov	-1.7	-3.1	-1.8	-3.9	-3.9
Dec	0.4	3.2	-	1.4	1.4
2018 Jan	1.3	-1.7	1.5	3.0	3.0
Feb	1.3	-0.1	-2.6	3.0	3.0
Mar	-	1.8	0.7	5.0	5.0
Apr	-0.7	1.2	0.5	-0.5	-0.5
May	-0.4	-2.3	-0.6	-1.6	-1.6
Jun	0.6	-1.8	0.1	0.1	0.1
Jul	1.2	-2.6	-0.3	-0.5	-0.5
Aug	1.0	0.4	-2.0	1.7	1.7
Sep	0.3	-0.7	-1.7	1.7	1.7
Oct	-0.2	2.3	2.9	0.3	0.3
Nov	-0.3	2.4	-0.9	0.1	0.1

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

	S2HW	S2HX	S2HY	S2HZ	S2I2
2016 Nov	-5.1	-3.5	-1.3	1.6	1.6
Dec	-5.1	-1.2	4.5	-6.6	-6.6
2017 Jan	-5.1	3.9	8.3	-9.5	-9.5
Feb	-5.4	6.5	10.3	-8.5	-8.5
Mar	-5.8	11.4	11.5	-6.8	-6.8
Apr	-5.8	9.8	12.5	-8.1	-8.1
May	-5.4	14.2	14.7	-10.6	-10.6
Jun	-4.8	15.5	14.8	-11.7	-11.7
Jul	-4.0	18.1	12.9	-11.2	-11.2
Aug	-2.8	16.5	12.1	-9.6	-9.6
Sep	-2.3	14.6	12.7	-8.0	-8.0
Oct	-3.3	16.3	11.9	-6.3	-6.3
Nov	-5.4	15.9	8.3	-4.6	-4.6
Dec	-6.8	13.7	3.1	-1.7	-1.7
2018 Jan	-6.4	9.0	-	1.3	1.3
Feb	-4.9	8.1	-1.5	4.5	4.5
Mar	-3.4	5.2	-2.0	7.3	7.3
Apr	-2.9	6.4	-3.2	8.9	8.9
May	-3.2	3.6	-4.0	8.4	8.4
Jun	-3.6	4.0	-4.1	4.8	4.8
Jul	-3.5	0.1	-2.9	1.3	1.3
Aug	-2.7	-2.1	-3.2	0.1	0.1
Sep	-1.3	-4.3	-4.4	1.6	1.6
Oct	0.7	-4.5	-5.1	5.3	5.3
Nov	2.8	-2.3	-4.1	9.7	9.7

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Component	Industry components (SIC2007)				
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Component	94	95	96	T	97
2016 weights	11	2	13	5	5

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

	S2D8	S2D9	S2DA	S2DB	S2DC
2016 Nov	-1.7	1.7	2.8	-11.0	-11.0
Dec	-0.6	0.9	8.0	-13.6	-13.6
2017 Jan	-0.2	5.2	9.9	-12.4	-12.4
Feb	-0.9	7.4	8.7	-8.5	-8.5
Mar	-1.7	7.9	4.7	-2.6	-2.6
Apr	-1.7	3.9	2.3	1.2	1.2
May	-1.0	5.5	2.3	3.3	3.3
Jun	-0.1	1.4	1.8	5.2	5.2
Jul	0.7	3.2	-0.4	7.1	7.1
Aug	0.8	1.1	-1.9	7.4	7.4
Sep	-	3.8	-2.1	4.0	4.0
Oct	-2.1	3.1	-	-1.2	-1.2
Nov	-4.4	1.2	-0.7	-6.1	-6.1
Dec	-5.1	0.1	-1.2	-7.7	-7.7
2018 Jan	-3.4	-1.3	-1.8	-5.4	-5.4
Feb	-0.3	0.1	-1.1	0.3	0.3
Mar	1.9	-0.1	-0.6	6.4	6.4
Apr	2.1	1.4	-1.0	8.8	8.8
May	0.7	1.1	-0.4	7.2	7.2
Jun	-0.3	0.2	-0.3	2.7	2.7
Jul	-	-3.0	-0.1	-0.4	-0.4
Aug	1.3	-4.5	-1.0	-0.9	-0.9
Sep	2.3	-4.5	-2.4	0.8	0.8
Oct	2.2	-1.7	-2.4	2.7	2.7
Nov	1.1	1.0	-1.6	2.9	2.9

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