Statistical bulletin

Index of Services, UK: June 2019

Monthly movements in output for the services industries.

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Release date:
9 August 2019

Next release:
9 September 2019

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1 . Main points

- Services output increased by 0.1% in Quarter 2 (Apr to June) 2019 compared with Quarter 1 (Jan to Mar) 2019, following growth of 0.4% for Quarter 1 2019.

- The information and communication sector made the largest contribution to this growth, contributing 0.14 percentage points.

- The Index of Services (IoS) was flat between May 2019 and June 2019.

- Month-on-month growth of 0.8% in the professional, scientific and technical activities sector was offset by a fall of 1.4% in the administrative and support service activities sector.

- In the three months to June 2019, services output increased by 1.6% compared with the three months ending June 2018.

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 (9 August 2019) is the GDP first quarterly estimate, UK: April to June 2019.

This June 2019 release publishes updated and revised estimates from April 2019 onwards and is consistent with the National Accounts Revisions Policy.

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 of services industries dataset, which was published alongside this release. Note that the MBS turnover of services industries dataset does not contain data from Value Added Tax (VAT) returns, which have been included in the IoS.

Care should be taken when using the month-on-month growth rates as data can 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 UK 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 IoS 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 . Quarter-on-quarter services growth

During Quarter 2 (Apr to June) 2019, services output increased by 0.1%, weakening from growth of 0.4% in Quarter 1 (Jan to Mar) 2019. This is the lowest quarterly growth since Quarter 2 2016, which also grew by 0.1%. This weakening is widespread, with most of the services sectors contributing less than they did in the second half of 2018. Quarter 2 2019 also has the most sector decreases since Quarter 1 2016.

Information and communication was the largest contributing sector to growth in the latest quarter. It increased by 1.6% and contributed 0.14 percentage points.

The information and communication sector has seen consistent growth between Quarter 1 2015 and Quarter 2 2019, recording only one quarter-on-quarter decrease (Quarter 1 2017 where it fell by 0.1%). The sector is also the best performing services sector over this period, with the computer programming industry the main driver behind this.

Figure 1 shows the quarter-on-quarter Index of Services (IoS) and the information and communication sector seasonally adjusted index from Quarter 1 2015 to Quarter 2 2019.

Figure 1: Services output increased by 0.1% in Quarter 2 (Apr to June) 2019

Quarterly Index of Services and information and communication sector, seasonally adjusted, UK, Quarter 1 (Jan to Mar) 2015 to Quarter 2 (Apr to June) 2019

Figure 1: Services output increased by 0.1% in Quarter 2 (Apr to June) 2019

Quarterly Index of Services and information and communication sector, seasonally adjusted, UK, Quarter 1 (Jan to Mar) 2015 to Quarter 2 (Apr to June) 2019
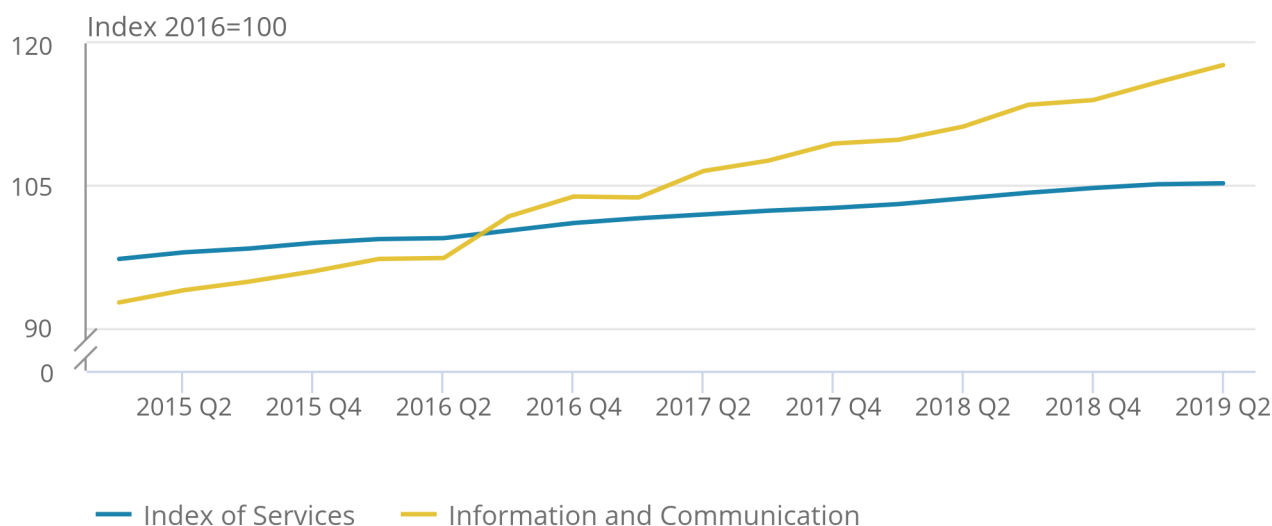
**Source: Office for National Statistics – Index of Services**

Figure 2 shows the quarter-on-quarter contribution of the information and communication sector along with the other IoS sectors for Quarter 2 2019.

Figure 2: Information and communication sector contributed most to quarterly growth in services

Contributions[1] to growth, seasonally adjusted, UK, Quarter 2 (Apr to June) 2019
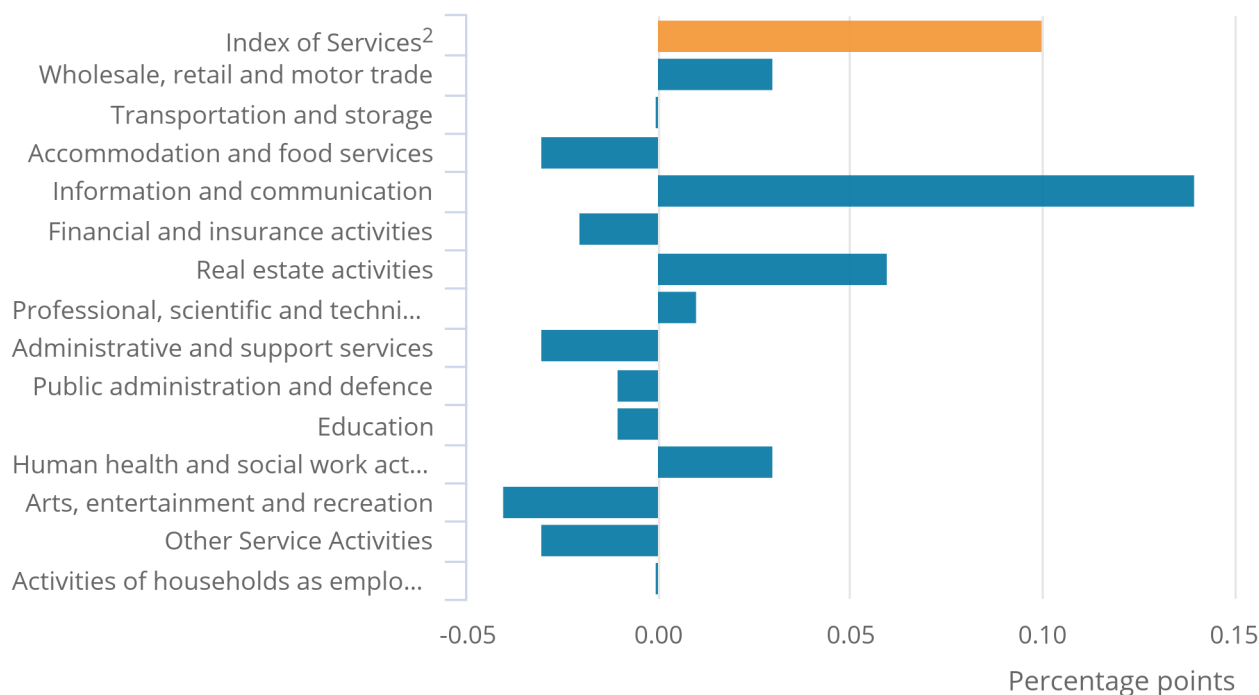
Figure 2: Information and communication sector contributed most to quarterly growth in services

Notes:

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

2. Percentage change.

The two industries contributing to the rise in the information and communication sector were:

- computer programming, which increased by 1.9%, contributing 0.07 percentage points

- motion pictures, which increased by 5.4%, contributing 0.05 percentage points

The real estate sector, predominantly the owned and leased real estate industry, also contributed to the quarterly growth. The industry grew by 1.3% and contributed 0.06 percentage points. Growth in letting of commercial property was the main reason for this.

The professional, scientific and technical activities sector is one of the sectors responsible for the weakening in quarterly growth since Quarter 3 2018 (Figure 3). After consistent contributions to services growth throughout 2018, the sector fell in Quarter 1 2019 for the first time since Quarter 1 2016. Several industries within the sector saw strong growth at the end of 2018 and then saw a fall-back at the start of 2019, with growth from fewer industries offsetting these falls.

Figure 3: Services has weakened since Quarter 3 (July to Sept) 2018

Quarterly Index of Services growth and sector contributions[1] to growth, seasonally adjusted, UK, Quarter 1 (Jan to Mar) 2016 to Quarter 2 (Apr to June) 2019

Figure 3: Services has weakened since Quarter 3 (July to Sept) 2018

Quarterly Index of Services growth and sector contributions^1^ to growth, seasonally adjusted, UK, Quarter 1 (Jan to Mar) 2016 to Quarter 2 (Apr to June) 2019

Legend:
- Index of Services[2]
- Other services sectors
- Professional, scientific and technical activities
- Information and communication
- Wholesale, retail and motor trades
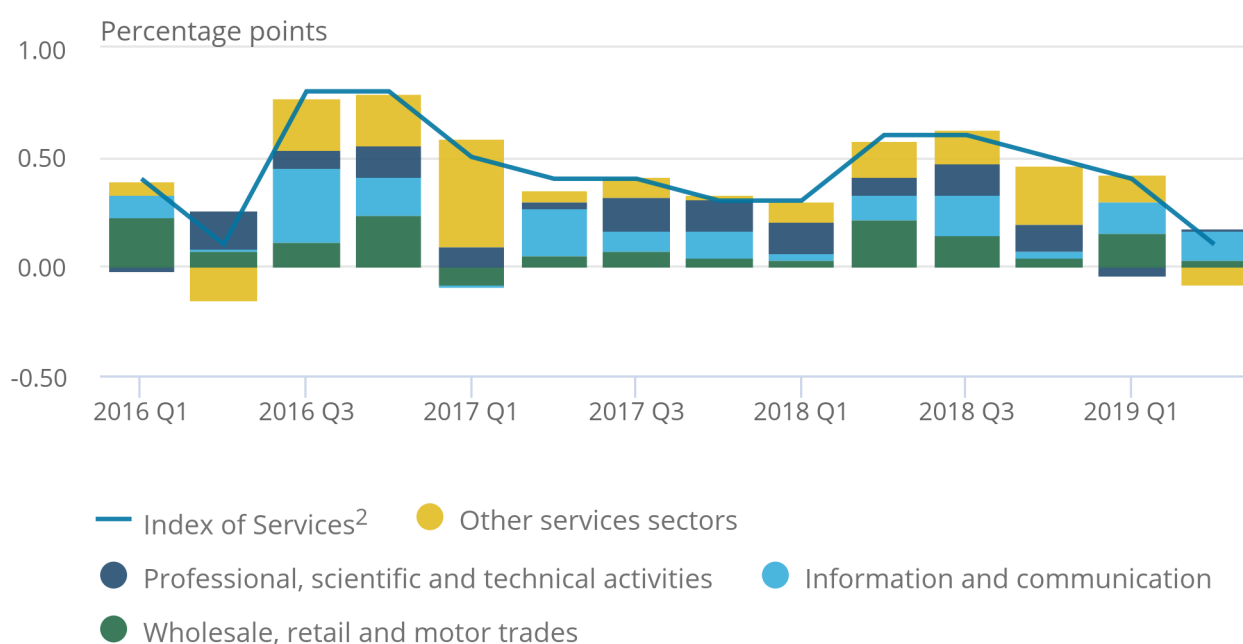
Source: Office for National Statistics – Index of Services

Notes:

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

2. Percentage change.

The professional, scientific and technical activities sector grew by 0.1% in the latest quarter and contributed 0.01 percentage points. A large fall in the architectural and engineering activities industry of 3.3% (negative 0.07 percentage points) offset growth within the sector. This was a widespread fall with the architectural side of the industry the main factor behind the decrease.

There has also been weakening in the other services sectors from the start of 2019. The sectors mainly responsible for this were human health activities, education and real estate activities, all of which saw stronger growth in Quarter 4 2019. The transportation and storage sector has also weakened in 2019 after seeing strong growth through much of 2018.

The financial and insurance activities sector fell again in the latest quarter; it decreased by 0.2% and contributed negative 0.02 percentage points. This sector has not seen positive growth for nine consecutive quarters, the longest period on record without a rise.

4 . Month-on-month services growth

Services output showed no growth to one decimal place in June 2019.

Figure 4 shows the month-on-month Index of Services (IoS) growth rates since January 2012. Figure 5 shows the month-on-month contributions of each of the IoS sectors for June 2019.

IoS growth has been muted more recently and has not seen monthly growth larger than 0.3% since December 2016 (Figure 4). This is also the fourth consecutive month of flat growth.

Care should be taken when using the month-on-month growth rates as data can be volatile.

Figure 4: Services has not seen monthly growth larger than 0.3% since December 2016

Monthly Index of Services growth, seasonally adjusted, UK, January 2012 to June 2019

Figure 4: Services has not seen monthly growth larger than 0.3% since December 2016

Monthly Index of Services growth, seasonally adjusted, UK, January 2012 to June 2019
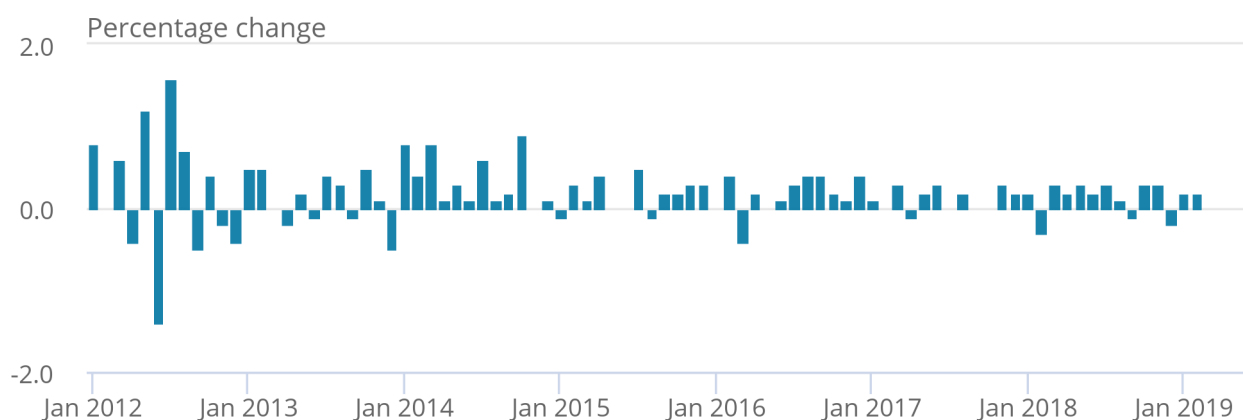
Source: Office for National Statistics – Index of Services

Figure 5: Growth in the professional, scientific and technical sector was offset by a fall in the administrative and support services sector

Contributions[1] to growth, seasonally adjusted, UK, June 2019

Figure 5: Growth in the professional, scientific and technical sector was offset by a fall in the administrative and support services sector

Contributions^1^ to growth, seasonally adjusted, UK, June 2019
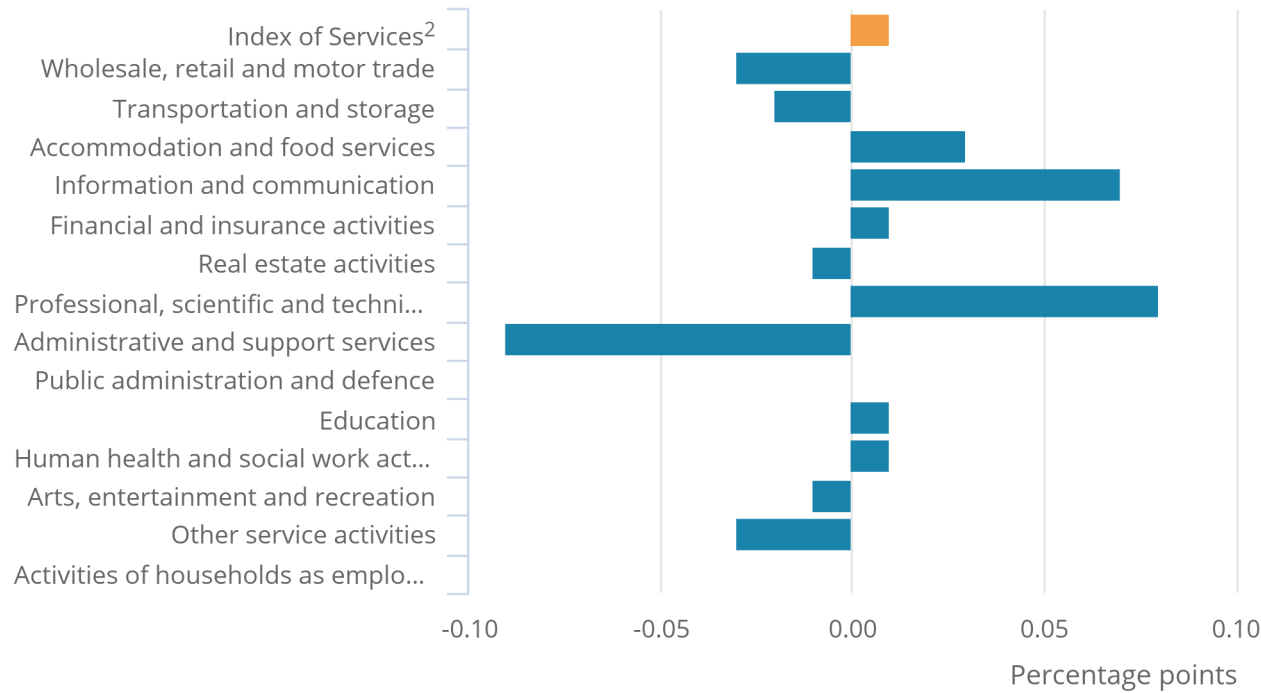
Source: Office for National Statistics – Index of Services

Notes:

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

2. Percentage change.

Sector movement was mixed in June 2019, with falls in 7 out of 14 sectors, while there were increases in six sectors and one sector showed no growth.

The professional, scientific and technical activities sector was the largest positive contributing sector. It increased by 0.8% and contributed 0.08 percentage points. The industries responsible for this rise were:

- head offices and management consultancy, which increased by 1.6%, contributing 0.03 percentage points

- legal activities, which increased by 1.4%, contributing 0.03 percentage points

Large businesses within these industries were behind the growth in June 2019.

The other notable rise was the information and communication sector, which grew by 0.8%, contributing 0.07 percentage points. There was widespread growth within the sector with five out of the six industries increasing in the latest month. The largest contributing industries were motion pictures and publishing activities, which grew by 2.4% and 2.6% respectively, both contributing 0.02 percentage points.

Offsetting this growth was the administrative and support service sector, which decreased by 1.4%, contributing negative 0.09 percentage points. There were widespread falls within this sector, the largest of which was the travel agency and tour operators industry. It decreased by 5.3% and contributed negative 0.04 percentage points. The industry has been gradually declining since the end of 2017, driven by the larger businesses (Figure 6).

Figure 6: Travel agency and tour operators industry has declined since the end of 2017

Monthly and rolling three-month travel agency and tour operators industry index, seasonally adjusted, UK, January 2016 to June 2019

Figure 6: Travel agency and tour operators industry has declined since the end of 2017

Monthly and rolling three-month travel agency and tour operators industry index, seasonally adjusted, UK, January 2016 to June 2019
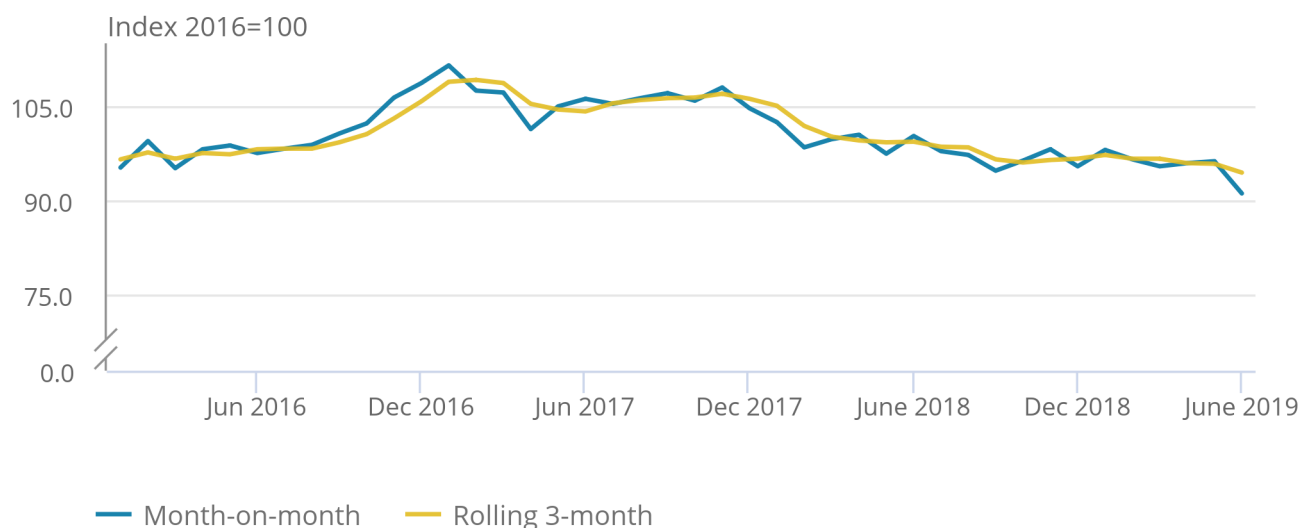
Source: Office for National Statistics – Index of Services

The largest industry contribution in June 2019 came from the retail trade industry, which grew by 1.0% and contributed 0.07 percentage points. Non-food stores provided the largest contribution to this growth; for more information please see Retail sales, Great Britain: June 2019.

This was offset by a fall in the wholesale trade industry, which decreased by 2.0% and contributed negative 0.09 percentage points. Nearly all components within this industry saw falls in June 2019; large businesses within the wholesale on a fee or contract component were the main contributor to the industry decrease.

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

Figure 7 shows the three-month on a year ago Index of Services (IoS) growth rates since January 2015.

Figure 7: Services output increased by 1.6% in the three months to June 2019 compared with the same period a year ago

Three-month on a year Index of Services growth, seasonally adjusted, UK, January 2015 to June 2019

Figure 7: Services output increased by 1.6% in the three months to June 2019 compared with the same period a year ago

Three-month on a year Index of Services growth, seasonally adjusted, UK, January 2015 to June 2019
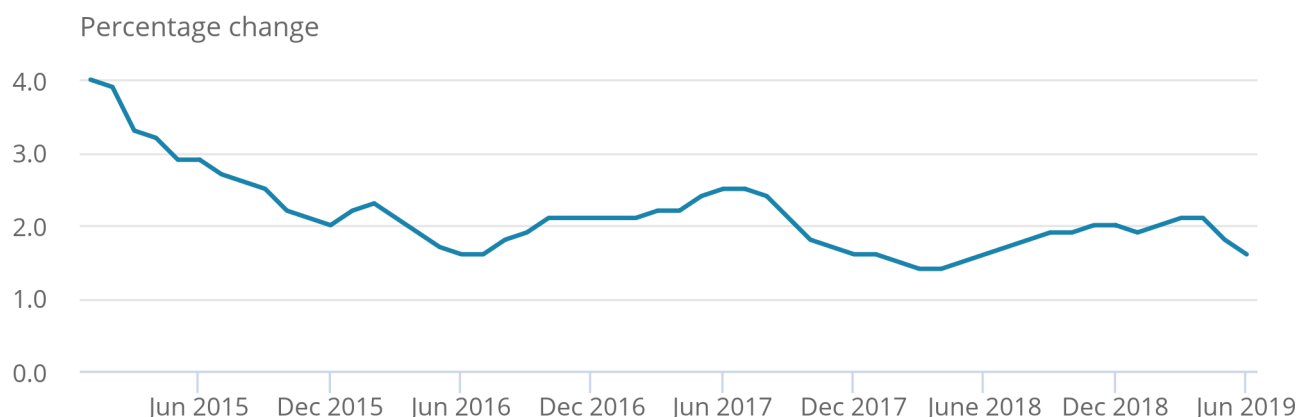
Source: Office for National Statistics – Index of Services

In the three months to June 2019, services output increased by 1.6% compared with the three months ending June 2018. This was a weakening from the three months to May 2019, which grew by 1.8% and is the lowest since the three months to June 2018 (also 1.6%).

6 . Links to related statistics

Alongside this publication, we publish the Index of Production (IoP) and Construction output in Great Britain. This allows for an estimate of monthly gross domestic product (GDP), which is also published today (9 August 2019) as part of the GDP first quarterly estimate, UK: April to June 2019.

On 26 March 2019, we published Services sector performance, UK: 2008 to 2018. The article details the changes that have taken place in the UK services sector from 2008 to 2018. It also looks at the differences between public sector-dominated sectors and the rest of the Index of Services (IoS) and compares the growth of individual IoS sectors in more detail.

International comparisons

International comparison with the 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 quarterly estimates from Ireland.

7 . Upcoming releases

Blue Book 2019

Each year we produce an annual update to the UK National Accounts in the Blue Book and Pink Book and the associated releases. The Blue Book and Pink Book 2019 consistent datasets will be published on 30 September 2019.

Details have already been provided on the scope in the article Latest developments and changes to be implemented in Blue Book and Pink Book 2019. Indicative impacts on headline gross domestic product (GDP) components for the years 1997 to 2016 were published on 27 June 2019 in the article Blue Book 2019 Indicative impacts on GDP current price and chained volume measure estimates: 1997 to 2016.

This year, due to the very demanding set of changes being put through in the annual update, we are not going to fully reconcile 2017 annual data. Instead, we will produce an indicative balance to allow further time for final quality assurance of the data.

Consequently, the reference year and last base year for all chained volume measure series will remain as 2016.

8 . 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) data sources catalogue. In addition, we include Value Added Tax (VAT) data across 42 Standard Industrial Classifications (SICs) 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 September 2018.

Further information on the use of VAT data was published in the VAT turnover data in National Accounts: background and methodology.

The GDP(o) methods and sources pages provide more information on the data that underpin these statistics; of particular note is the GDP(o) data sources catalogue.

Table 1: Percentage of each data source based on their gross value added weight, UK, 2016 to 2019

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

Source: Office for National Statistics – GDP(o) source catalogue

Notes:

1. The Monthly Business Survey (MBS) data are published alongside this release in the MBS turnover of services industries dataset.

2. Data relating to the retail industry are broadly comparable with Retail sales, Great Britain: June 2019, published on 18 July 2019.

3. For further information on what is included within Other, please see the GDP(o) data sources catalogue.

This June 2019 release contains revisions from April 2019 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 IoS 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

IOS1

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

seasonally adjusted 2016 = 100

	Total service industries	Distribution hotels and restaurants	Transport, storage and communication	Business services and finance	Govern- ment and other services
Section	G-T	G and I	H and J	K-N	O-T
2016 weights	**1000**	**168**	**133**	**421**	**278**
	S2KU	S2MV	KI7B	KI7L	KI7T
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
2018	103.9	105.1	108.9	103.8	100.9
2017 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	103.1	107.1	103.6	100.4
Feb	102.7	103.2	106.2	103.0	100.4
Mar	103.0	103.0	107.1	103.4	100.6
Apr	103.3	103.8	107.3	103.5	100.6
May	103.6	105.3	108.0	103.5	100.6
Jun	103.8	105.4	108.9	103.6	100.7
Jul	104.1	106.4	109.1	103.9	100.7
Aug	104.3	106.2	110.1	103.9	101.0
Sep	104.2	105.3	110.7	103.8	101.1
Oct	104.5	106.0	110.3	104.2	101.4
Nov	104.9	107.0	110.7	104.4	101.6
Dec	104.7	106.0	111.4	104.2	101.5
2019 Jan	105.0	107.4	111.7	104.0	101.7
Feb	105.1	107.6	111.9	104.2	101.8
Mar	105.2	107.7	112.2	104.3	101.7
Apr	105.2	107.6	113.1	104.1	101.5
May	105.2	107.6	112.9	104.3	101.5
Jun	105.2	107.6	113.3	104.3	101.4
Percentage change, latest year on previous year					
	S222	S243	KI77	KI7G	KI7O
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
2018	1.7	2.8	3.8	1.6	0.3
Percentage change, latest month on same month a year ago					
	S26Q	S28R	KI7A	KI7I	KI7Q
2017 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	1.8	4.0	1.9	-0.1
Feb	1.3	1.2	3.1	1.6	0.1
Mar	1.3	1.0	3.1	1.6	0.1
Apr	1.6	1.7	3.1	2.3	-0.2
May	1.7	3.7	3.8	1.5	-0.2
Jun	1.6	3.2	3.4	1.4	-
Jul	1.9	3.8	3.9	1.7	0.1
Aug	1.9	3.6	4.8	1.4	0.2
Sep	1.8	2.8	4.8	1.2	0.5
Oct	2.1	3.3	4.2	1.7	0.9
Nov	2.1	3.7	4.2	1.3	1.3
Dec	1.8	3.4	3.4	1.1	1.0
2019 Jan	1.8	4.2	4.3	0.4	1.3
Feb	2.3	4.3	5.4	1.2	1.4
Mar	2.1	4.6	4.8	0.9	1.0
Apr	1.9	3.7	5.4	0.6	0.9
May	1.6	2.1	4.5	0.8	0.9
Jun	1.4	2.0	4.0	0.6	0.7

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

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

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
2016 weights	**1000**	**168**	**133**	**421**	**278**

Percentage change, latest month on previous month

	S222	S243	KI77	KI7G	KI7O
2017 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	0.6	-0.6	0.5	-
Feb	-0.3	-	-0.8	-0.5	-
Mar	0.3	-0.2	0.8	0.3	0.2
Apr	0.2	0.8	0.2	0.2	-
May	0.3	1.5	0.7	-0.1	-
Jun	0.2	0.1	0.8	0.1	0.1
Jul	0.3	0.9	0.2	0.3	-
Aug	0.1	-0.2	1.0	-0.1	0.3
Sep	-0.1	-0.9	0.5	-	0.1
Oct	0.3	0.6	-0.3	0.4	0.3
Nov	0.3	1.0	0.3	0.1	0.2
Dec	-0.2	-1.0	0.6	-0.2	-0.1
2019 Jan	0.2	1.4	0.3	-0.2	0.2
Feb	0.2	0.1	0.2	0.2	0.1
Mar	-	0.2	0.2	-	-0.1
Apr	-	-0.1	0.8	-0.1	-0.1
May	-	-0.1	-0.1	0.1	-
Jun	-	-	0.3	-	-0.1

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

	S2G6	S2I7	KI7C	KI7J	KI7R
2017 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	4.0	2.0	0.1
Feb	1.5	1.2	3.6	1.9	-
Mar	1.4	1.4	3.4	1.7	-
Apr	1.4	1.3	3.1	1.8	-
May	1.5	2.1	3.3	1.8	-0.1
Jun	1.6	2.9	3.4	1.7	-0.1
Jul	1.7	3.5	3.7	1.5	-
Aug	1.8	3.5	4.1	1.5	0.1
Sep	1.9	3.4	4.5	1.4	0.3
Oct	1.9	3.2	4.6	1.5	0.5
Nov	2.0	3.3	4.4	1.4	0.9
Dec	2.0	3.5	3.9	1.4	1.1
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Feb	2.0	3.9	4.4	0.9	1.2
Mar	2.1	4.4	4.8	0.8	1.2
Apr	2.1	4.2	5.2	0.9	1.1
May	1.8	3.5	4.9	0.7	1.0
Jun	1.6	2.6	4.6	0.7	0.9

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Section	G-T	G and I	H and J	K-N	O-T
2016 weights	**1000**	**168**	**133**	**421**	**278**
Percentage change, latest 3 months on previous 3 months					
	S2BG	S2DH	KI7D	KI7K	KI7S
2017 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	1.4	0.7	-0.2
Feb	0.4	0.2	1.1	0.5	-
Mar	0.3	0.3	0.2	0.5	0.1
Apr	0.1	0.4	-0.2	0.1	0.2
May	0.4	1.1	0.4	0.2	0.2
Jun	0.6	1.7	1.2	0.2	0.1
Jul	0.8	2.3	1.7	0.4	0.1
Aug	0.8	1.9	1.8	0.3	0.2
Sep	0.6	1.0	1.8	0.3	0.3
Oct	0.5	0.1	1.6	0.3	0.5
Nov	0.5	0.1	1.1	0.3	0.6
Dec	0.5	0.3	0.8	0.4	0.6
2019 Jan	0.5	0.9	0.8	0.2	0.4
Feb	0.4	0.1	1.0	-	0.3
Mar	0.4	1.2	1.0	-0.1	0.2
Apr	0.3	0.8	1.0	-	0.1
May	0.2	0.6	0.9	0.1	-0.1
Jun	0.1	-	1.0	-	-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.
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RIOS1

IOS: Index of Services
Revisions since previously published estimates

	Total service industries	Distribution hotels and restaurants	Transport, storage and communication	Business services and finance	Govern-ment and other services
			Industry sections (SIC2007)		
Section	G-T	G and I	H and J	K-N	O-T
2016 weights	**1000**	**168**	**133**	**421**	**278**
	S2KU	S2MV	KI7B	KI7L	KI7T
2014	-	-	-	-	-
2015	-	-	-	-	-
2016	-	-	-	-	-
2017	-	-	-	-	-
2018	-	-	-	-	-
2017 May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2018 Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-	-	-	-	-
May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2019 Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-0.1	-0.1	-0.3	-0.1	-0.1
May	-0.1	-0.2	-0.3	-	-0.1

Percentage change, latest year on previous year

	S222	S243	KI77	KI7G	KI7O
2014	-	-	-	-	-
2015	-	-	-	-	-
2016	-	-	-	-	-
2017	-	-	-	-	-
2018	-	-	-	-	-

Percentage change, latest month on same month a year ago

	S26Q	S28R	KI7A	KI7I	KI7Q
2017 May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2018 Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-	-	-	-	-
May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2019 Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-	-0.1	-0.3	-	-
May	-0.1	-0.2	-0.3	0.1	-0.1

The earliest period open for revision is April 2019

RIOS1

IOS: Index of Services
Revisions since previously published estimates

seasonally adjusted 2016 = 100

	Total service industries	Distribution hotels and restaurants	Transport, storage and communication	Business services and finance	Govern- ment and other services
			Industry sections (SIC2007)		
Section	G-T	G and I	H and J	K-N	O-T
2016 weights	**1000**	**168**	**133**	**421**	**278**

Percentage change, latest month on previous month

	S222	S243	KI77	KI7G	KI7O
2017 May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2018 Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-	-	-	-	-
May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2019 Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-0.1	-0.1	-0.3	-	-
May	-	-0.2	-	-	-

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

	S2G6	S2I7	KI7C	KI7J	KI7R
2017 May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2018 Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-	-	-	-	-
May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2019 Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-	-	-0.1	-	-
May	-0.1	-0.1	-0.2	-	-

The earliest period open for revision is April 2019

RIOS1

IOS: Index of Services
Revisions since previously published estimates

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
2016 weights	**1000**	**168**	**133**	**421**	**278**

Percentage change, latest 3 months on previous 3 months

	S2BG	S2DH	KI7D	KI7K	KI7S
2017 May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2018 Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-	-	-	-	-
May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2019 Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-	-	-0.1	-	-
May	-0.1	-0.1	-0.2	-	-

The earliest period open for revision is April 2019

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01633 456387; fax 01633 455300 or e-mail ios.enquiries@ons.gov.uk

IOSCOMP

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

seasonally adjusted 2016 = 100

			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
Component	G	45	46	47	H
2016 weights	**131**	**24**	**43**	**64**	**54**
	S2KV	S2KW	S2KX	S2KY	S2KZ
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
2018	105.0	99.5	108.4	104.7	104.1
2017 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	102.8	100.9	104.4	102.5	103.1
Feb	103.3	99.9	105.6	103.0	102.2
Mar	102.8	98.7	105.8	102.2	101.7
Apr	103.6	99.5	106.3	103.4	102.6
May	105.4	101.3	107.9	105.2	103.6
Jun	105.1	99.5	108.8	104.8	104.0
Jul	106.1	98.7	110.7	105.7	104.8
Aug	106.3	101.1	109.7	106.0	104.9
Sep	105.3	96.3	109.9	105.6	104.5
Oct	105.9	99.3	110.8	105.2	105.7
Nov	107.1	99.8	111.9	106.5	106.1
Dec	105.8	99.2	109.5	105.8	106.4
2019 Jan	107.3	101.3	111.5	106.8	105.8
Feb	107.5	100.9	111.3	107.4	106.1
Mar	107.9	99.9	111.0	108.7	106.7
Apr	107.9	100.9	111.0	108.5	106.5
May	107.9	100.8	111.9	107.9	106.4
Jun	107.7	100.6	109.6	109.0	106.0

Percentage change, latest year on previous year

	S223	S224	S225	S226	S227
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
2018	2.8	-0.3	4.9	2.6	2.0

Percentage change, latest month on same month a year ago

	S26R	S26S	S26T	S26U	S26V
2017 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	1.7	1.0	2.2	1.7	0.8
Feb	1.9	1.0	3.0	1.5	-0.3
Mar	1.0	-4.9	3.8	1.3	-1.4
Apr	1.9	1.9	3.5	0.9	1.0
May	4.0	2.0	5.4	3.9	1.5
Jun	2.8	-0.5	4.2	3.0	3.2
Jul	4.0	-1.4	7.2	3.8	3.1
Aug	3.6	0.4	5.9	3.3	3.3
Sep	2.7	-4.7	5.8	3.2	2.6
Oct	3.2	0.1	6.4	2.2	3.3
Nov	3.8	1.0	6.5	3.0	3.4
Dec	3.4	0.2	5.4	3.2	3.5
2019 Jan	4.4	0.4	6.9	4.2	2.7
Feb	4.1	1.0	5.4	4.3	3.9
Mar	5.0	1.3	5.0	6.3	5.0
Apr	4.1	1.5	4.4	4.9	3.7
May	2.4	-0.5	3.7	2.6	2.7
Jun	2.4	1.0	0.8	4.0	1.9

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IOSCOMP

continued

IOS: Index of Services
Chained volume indices of gross value added [1,2,3]   seasonally adjusted 2016 = 100

	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
2017 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	0.4	1.9	0.4	-0.1	0.3
Feb	0.5	-1.0	1.2	0.5	-0.9
Mar	-0.5	-1.2	0.2	-0.8	-0.4
Apr	0.9	0.8	0.5	1.2	0.9
May	1.6	1.8	1.5	1.7	0.9
Jun	-0.2	-1.7	0.8	-0.4	0.5
Jul	0.9	-0.8	1.8	0.9	0.7
Aug	0.2	2.4	-1.0	0.3	0.1
Sep	-0.9	-4.7	0.2	-0.4	-0.4
Oct	0.6	3.1	0.8	-0.4	1.1
Nov	1.0	0.5	1.0	1.3	0.4
Dec	-1.2	-0.6	-2.1	-0.7	0.3
2019 Jan	1.4	2.0	1.9	0.9	-0.5
Feb	0.1	-0.3	-0.2	0.6	0.3
Mar	0.4	-1.0	-0.2	1.2	0.6
Apr	-	1.0	-0.1	-0.2	-0.3
May	-	-0.1	0.8	-0.6	-0.1
Jun	-0.2	-0.2	-2.0	1.0	-0.4

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

	S2G7	S2G8	S2G9	S2GA	S2GB
2017 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	1.1	-1.2	1.6	1.6	1.1
Feb	1.3	-0.4	1.6	1.7	0.4
Mar	1.5	-1.0	3.0	1.5	-0.3
Apr	1.6	-0.7	3.4	1.2	-0.2
May	2.3	-0.4	4.2	2.0	0.4
Jun	2.9	1.1	4.4	2.6	1.9
Jul	3.6	-	5.6	3.6	2.6
Aug	3.5	-0.5	5.8	3.3	3.2
Sep	3.4	-1.9	6.3	3.4	3.0
Oct	3.2	-1.4	6.0	2.9	3.0
Nov	3.2	-1.2	6.2	2.8	3.1
Dec	3.5	0.5	6.1	2.8	3.4
2019 Jan	3.9	0.6	6.2	3.5	3.2
Feb	4.0	0.6	5.9	3.9	3.3
Mar	4.5	0.9	5.7	5.0	3.8
Apr	4.4	1.3	4.9	5.2	4.2
May	3.8	0.7	4.4	4.6	3.8
Jun	3.0	0.7	3.0	3.8	2.8

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IOSCOMP

continued

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

seasonally adjusted 2016 = 100

	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
Component	G	45	46	47	H
2016 weights	**131**	**24**	**43**	**64**	**54**

Percentage change, latest 3 months on previous 3 months

		S2BH	S2BI	S2BJ	S2BK	S2BL
2017	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	-0.7	0.6	0.2	0.9
	Feb	-	0.2	0.3	-0.2	0.4
	Mar	0.2	0.8	0.8	-0.4	-0.3
	Apr	0.5	-0.2	1.4	0.1	-0.6
	May	1.1	-0.1	1.9	0.9	-
	Jun	1.7	0.3	2.3	1.8	1.1
	Jul	2.2	0.5	3.1	2.3	1.9
	Aug	1.9	-	2.9	1.8	1.9
	Sep	1.2	-1.4	2.3	1.3	1.3
	Oct	0.3	-1.0	0.9	0.4	0.9
	Nov	0.2	-1.3	1.0	0.2	0.8
	Dec	0.3	0.8	0.6	-	1.3
2019	Jan	0.8	1.2	0.8	0.7	1.1
	Feb	0.7	2.0	-0.1	0.8	0.7
	Mar	1.2	1.3	0.5	1.7	0.2
	Apr	1.0	0.5	0.1	1.7	0.3
	May	1.0	0.1	0.5	1.6	0.4
	Jun	0.2	-	-0.4	0.7	-

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	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**
	S2L2	S2L3	S2L4	S2L5	S2L6
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
2018	102.3	97.4	91.9	114.1	108.8
2017 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	98.1	91.4	105.8	108.7
Feb	100.8	95.8	91.6	106.6	108.7
Mar	101.1	95.1	91.7	105.5	106.4
Apr	101.5	96.0	91.7	111.0	107.5
May	101.9	96.1	91.8	114.1	108.6
Jun	102.4	95.9	92.0	114.8	110.5
Jul	102.8	97.4	92.3	115.4	110.6
Aug	103.0	98.3	92.6	117.2	109.1
Sep	103.2	98.3	92.6	117.9	107.7
Oct	103.2	98.2	92.3	119.7	109.5
Nov	103.4	99.0	91.9	120.3	109.7
Dec	103.7	100.2	91.1	121.1	108.4
2019 Jan	104.1	99.6	90.7	121.2	107.7
Feb	104.4	100.0	90.8	122.0	107.5
Mar	104.6	99.9	91.3	123.7	106.9
Apr	104.8	100.3	91.3	117.1	108.3
May	105.2	100.9	91.2	117.6	108.0
Jun	105.7	100.1	90.9	117.1	108.6

Percentage change, latest year on previous year

	S228	S229	S22A	S22B	S22C
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
2018	0.6	-1.0	-3.0	8.6	4.7

Percentage change, latest month on same month a year ago

	S26W	S26X	S26Y	S26Z	S272
2017 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	-3.1	-3.7	3.3	5.6
Feb	-2.4	-5.1	-3.3	1.3	5.4
Mar	-1.4	-5.8	-3.3	-0.5	2.7
Apr	0.3	-2.8	-3.5	4.7	3.9
May	1.7	-2.4	-3.8	7.5	5.4
Jun	1.9	1.0	-3.9	7.8	7.6
Jul	1.4	-0.2	-3.7	7.4	8.8
Aug	0.9	0.5	-3.1	12.7	6.8
Sep	0.9	0.1	-2.2	13.3	3.8
Oct	1.4	0.6	-2.4	15.6	2.7
Nov	2.1	1.9	-2.1	14.9	2.6
Dec	2.8	3.4	-0.9	14.8	1.2
2019 Jan	3.4	1.5	-0.7	14.5	-0.9
Feb	3.6	4.4	-0.8	14.4	-1.1
Mar	3.5	5.0	-0.4	17.2	0.4
Apr	3.3	4.5	-0.5	5.5	0.8
May	3.2	5.0	-0.7	3.1	-0.6
Jun	3.2	4.4	-1.3	2.1	-1.7

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IOSCOMP
continued

	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
2017 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	-0.1	1.2	-0.6	0.3	1.5
Feb	0.1	-2.4	0.2	0.8	-
Mar	0.3	-0.7	0.1	-1.1	-2.1
Apr	0.4	1.0	-	5.2	1.0
May	0.5	-	0.1	2.8	1.1
Jun	0.4	-0.2	0.3	0.6	1.7
Jul	0.4	1.6	0.3	0.5	0.1
Aug	0.3	0.9	0.2	1.6	-1.4
Sep	0.1	-	-	0.6	-1.3
Oct	0.1	-0.1	-0.2	1.5	1.7
Nov	0.2	0.8	-0.5	0.5	0.2
Dec	0.3	1.2	-0.8	0.6	-1.1
2019 Jan	0.4	-0.6	-0.4	0.1	-0.7
Feb	0.3	0.4	0.1	0.7	-0.3
Mar	0.1	-0.1	0.5	1.3	-0.5
Apr	0.2	0.4	-	-5.3	1.3
May	0.3	0.6	-0.1	0.5	-0.3
Jun	0.5	-0.8	-0.3	-0.4	0.6

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

	S2GC	S2GD	S2GE	S2GF	S2GG
2017 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	-0.6	-4.0	-4.2	4.4	5.8
Feb	-1.7	-4.3	-3.5	3.2	5.1
Mar	-1.9	-4.7	-3.4	1.3	4.6
Apr	-1.1	-4.6	-3.4	1.8	4.0
May	0.2	-3.7	-3.5	3.9	4.0
Jun	1.3	-1.4	-3.8	6.7	5.6
Jul	1.7	-0.5	-3.8	7.6	7.3
Aug	1.4	0.5	-3.6	9.3	7.7
Sep	1.0	0.1	-3.0	11.1	6.4
Oct	1.0	0.4	-2.6	13.9	4.4
Nov	1.5	0.9	-2.3	14.6	3.0
Dec	2.1	2.0	-1.8	15.1	2.2
2019 Jan	2.8	2.3	-1.3	14.7	1.0
Feb	3.3	3.1	-0.8	14.6	-0.3
Mar	3.5	3.6	-0.7	15.4	-0.5
Apr	3.4	4.6	-0.6	12.3	-
May	3.3	4.8	-0.5	8.4	0.2
Jun	3.2	4.6	-0.8	3.5	-0.5

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IOSCOMP

continued

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

seasonally adjusted 2016 = 100

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

Percentage change, latest 3 months on previous 3 months

	S2BM	S2BN	S2BO	S2BP	S2BQ
2017 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	-0.5	-2.7	1.4	3.3
Feb	-1.0	-0.8	-2.9	1.8	2.3
Mar	-0.5	-0.9	-2.1	1.3	1.0
Apr	0.2	-1.8	-0.8	2.2	-
May	0.7	-1.2	0.1	3.9	-0.6
Jun	1.1	-0.4	0.3	6.9	0.9
Jul	1.2	0.8	0.4	6.5	2.2
Aug	1.2	1.5	0.6	5.1	2.4
Sep	1.0	2.1	0.7	3.1	0.3
Oct	0.8	1.9	0.5	3.1	-1.1
Nov	0.5	1.3	-0.1	3.0	-1.0
Dec	0.5	1.2	-0.8	3.0	0.1
2019 Jan	0.6	1.3	-1.4	2.2	-0.1
Feb	0.8	1.4	-1.5	1.8	-1.0
Mar	0.9	0.7	-0.9	1.6	-1.7
Apr	0.8	0.5	-0.1	-	-1.0
May	0.7	0.4	0.4	-1.6	-0.1
Jun	0.8	0.6	0.2	-4.1	0.9

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

seasonally adjusted 2016 = 100

	Postal and courier activities	Accommodation and food services	Accommodation	Food and beverage service activities	Information and communication
			Industry components (SIC2007)		
Component	53	I	55	56	J
2016 weights	**8**	**37**	**10**	**27**	**79**
	S2L7	S2L8	S2L9	S2LA	S2LB
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
2018	112.8	105.4	108.1	104.3	112.2
2017 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	111.3	104.2	104.0	104.3	109.8
Feb	109.7	102.7	102.9	102.6	109.0
Mar	112.7	103.7	107.1	102.4	110.7
Apr	110.9	104.5	106.4	103.7	110.5
May	112.6	105.3	108.2	104.2	111.0
Jun	112.3	106.5	110.0	105.2	112.2
Jul	112.4	107.4	112.6	105.4	112.0
Aug	112.1	105.8	108.3	104.8	113.7
Sep	111.3	105.1	107.7	104.1	114.9
Oct	115.2	106.0	109.3	104.7	113.5
Nov	116.0	106.8	109.6	105.8	113.8
Dec	116.8	106.6	111.2	104.8	114.8
2019 Jan	115.6	107.7	110.9	106.5	115.8
Feb	116.3	107.8	110.9	106.6	115.9
Mar	120.1	107.3	109.8	106.3	115.9
Apr	119.5	106.6	109.0	105.8	117.6
May	117.6	106.4	106.7	106.2	117.4
Jun	115.9	107.3	111.3	105.8	118.2

Percentage change, latest year on previous year

	S22D	S22E	S22F	S22G	S22H
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
2018	2.6	2.5	6.8	1.0	5.0

Percentage change, latest month on same month a year ago

	S273	S274	S275	S276	S277
2017 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	3.6	2.1	2.6	1.9	6.2
Feb	2.7	-0.9	2.5	-2.1	5.3
Mar	1.8	1.2	6.9	-0.9	6.1
Apr	5.0	1.1	4.5	-0.1	4.5
May	2.1	2.4	7.4	0.5	5.2
Jun	1.6	4.7	10.6	2.5	3.6
Jul	2.2	3.0	8.9	0.8	4.4
Aug	1.3	3.3	8.0	1.6	5.8
Sep	1.7	3.1	7.5	1.6	6.2
Oct	4.8	3.7	8.1	2.1	4.8
Nov	3.3	3.5	7.6	2.0	4.7
Dec	1.6	3.3	7.4	1.7	3.3
2019 Jan	3.9	3.4	6.6	2.1	5.4
Feb	6.0	5.0	7.8	3.9	6.4
Mar	6.6	3.4	2.5	3.8	4.7
Apr	7.8	2.1	2.4	2.0	6.4
May	4.4	1.0	-1.4	2.0	5.7
Jun	3.3	0.7	1.1	0.6	5.4

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IOSCOMP
continued

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

Percentage change, latest month on previous month

		S22D	S22E	S22F	S22G	S22H
2017	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	-3.1	1.0	0.5	1.2	-1.2
	Feb	-1.4	-1.5	-1.1	-1.6	-0.8
	Mar	2.7	1.0	4.0	-0.1	1.6
	Apr	-1.6	0.7	-0.6	1.3	-0.2
	May	1.6	0.8	1.7	0.4	0.5
	Jun	-0.3	1.1	1.7	0.9	1.0
	Jul	0.2	0.8	2.3	0.3	-0.2
	Aug	-0.3	-1.5	-3.8	-0.6	1.5
	Sep	-0.7	-0.7	-0.5	-0.7	1.1
	Oct	3.5	0.9	1.4	0.6	-1.2
	Nov	0.6	0.8	0.2	1.0	0.2
	Dec	0.7	-0.3	1.5	-0.9	0.9
2019	Jan	-1.0	1.1	-0.3	1.6	0.8
	Feb	0.6	0.1	-	0.1	0.1
	Mar	3.3	-0.5	-1.0	-0.3	-
	Apr	-0.5	-0.6	-0.8	-0.5	1.5
	May	-1.6	-0.3	-2.1	0.4	-0.2
	Jun	-1.4	0.9	4.3	-0.4	0.8

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

		S2GH	S2GI	S2GJ	S2GK	S2GL
2017	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	6.5	1.7	1.4	1.8	5.9
	Feb	4.5	0.9	2.2	0.4	5.8
	Mar	2.7	0.8	4.0	-0.4	5.9
	Apr	3.1	0.5	4.6	-1.0	5.3
	May	2.9	1.6	6.3	-0.2	5.3
	Jun	2.9	2.7	7.5	1.0	4.4
	Jul	2.0	3.3	9.0	1.3	4.4
	Aug	1.7	3.6	9.1	1.6	4.6
	Sep	1.8	3.1	8.1	1.3	5.5
	Oct	2.6	3.4	7.9	1.7	5.6
	Nov	3.3	3.5	7.7	1.9	5.3
	Dec	3.2	3.5	7.7	2.0	4.3
2019	Jan	2.9	3.4	7.2	2.0	4.5
	Feb	3.8	3.9	7.3	2.6	5.0
	Mar	5.5	3.9	5.6	3.3	5.5
	Apr	6.8	3.5	4.2	3.2	5.8
	May	6.2	2.2	1.2	2.6	5.6
	Jun	5.1	1.3	0.7	1.5	5.8

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

Percentage change, latest 3 months on previous 3 months

		S2BR	S2BS	S2BT	S2BU	S2BV
2017	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	2.5	1.4	2.6	0.9	1.8
	Feb	1.3	0.9	2.4	0.4	1.5
	Mar	-1.0	0.7	2.5	-	0.4
	Apr	-1.5	0.1	2.3	-0.7	0.1
	May	0.1	1.1	3.6	0.1	0.7
	Jun	0.6	1.8	3.4	1.2	1.3
	Jul	1.2	2.7	4.6	1.9	1.5
	Aug	0.2	2.0	2.9	1.6	1.7
	Sep	0.1	0.6	1.2	0.4	2.1
	Oct	0.4	-0.7	-1.7	-0.4	2.1
	Nov	1.7	-0.5	-1.3	-0.3	1.3
	Dec	3.6	0.4	0.4	0.3	0.4
2019	Jan	2.8	1.3	1.9	1.1	0.6
	Feb	1.8	1.3	1.9	1.1	1.2
	Mar	1.2	1.1	0.4	1.3	1.6
	Apr	2.2	0.2	-0.6	0.5	1.5
	May	2.4	-0.5	-2.3	0.1	1.3
	Jun	0.3	-0.8	-1.4	-0.5	1.6

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IOSCOMP
continued

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

seasonally adjusted 2016 = 100

		Industry components (SIC2007)			
	Publishing activities	Motion pictures, tv production, sound and music activities	Programming and broadcasting activites	Telecom -munications	Computer programming, consultancy and related activities
Component	58	59	60	61	62
2016 weights	**9**	**8**	**4**	**22**	**32**
	S2LC	S2LD	KFV8	S2LE	S2LF
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
2018	98.0	131.9	104.1	102.0	119.2
2017 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	96.2	130.1	106.7	102.4	114.7
Feb	97.6	128.9	103.8	102.0	112.5
Mar	99.5	131.2	105.8	102.5	115.1
Apr	98.1	128.8	103.3	101.5	116.3
May	99.5	131.4	103.5	101.5	116.5
Jun	97.7	133.6	103.8	100.7	119.8
Jul	96.2	132.0	105.0	101.6	119.3
Aug	100.4	130.8	101.6	102.5	121.9
Sep	97.1	139.1	105.1	103.5	123.3
Oct	95.4	132.3	104.8	102.3	122.9
Nov	97.8	130.8	100.4	102.5	123.3
Dec	100.1	134.2	104.8	101.3	125.0
2019 Jan	100.8	131.5	106.4	100.3	127.0
Feb	101.1	134.6	101.4	99.7	126.6
Mar	100.1	133.8	104.9	102.3	125.1
Apr	101.3	140.2	105.6	100.4	129.0
May	103.8	138.9	103.8	99.1	128.4
Jun	106.5	142.2	106.7	99.7	128.6
Percentage change, latest year on previous year					
	S22I	S22J	KFV7	S22K	S22L
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
2018	-0.6	8.9	0.4	0.8	8.4
Percentage change, latest month on same month a year ago					
	S278	S279	KFJ4	S27A	S27B
2017 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	-5.4	18.4	4.2	-	11.4
Feb	-0.9	15.8	1.0	1.7	6.8
Mar	2.3	8.8	5.5	3.9	7.7
Apr	1.3	11.7	0.1	-1.3	7.2
May	2.7	8.3	-1.8	1.4	8.2
Jun	-3.3	5.1	0.4	-0.8	7.5
Jul	-4.4	13.1	6.5	-1.2	7.1
Aug	2.3	6.1	-5.1	1.7	9.8
Sep	-	11.5	-0.3	2.8	9.2
Oct	-3.4	9.2	-2.8	2.1	8.1
Nov	0.8	3.8	0.2	1.4	8.4
Dec	1.0	-2.0	-2.0	-1.5	9.2
2019 Jan	4.8	1.0	-0.3	-2.0	10.8
Feb	3.5	4.4	-2.3	-2.2	12.6
Mar	0.7	2.0	-0.9	-0.2	8.7
Apr	3.2	8.9	2.2	-1.2	11.0
May	4.3	5.7	0.3	-2.3	10.2
Jun	8.9	6.4	2.7	-0.9	7.4

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

seasonally adjusted 2016 = 100

		Industry components (SIC2007)			
	Publishing activities	Motion pictures, tv production, sound and music activities	Programming and broadcasting activites	Telecom -munications	Computer programming, consultancy and related activities
Component	58	59	60	61	62
2016 weights	**9**	**8**	**4**	**22**	**32**

Percentage change, latest month on previous month

		S22I	S22J	KFV7	S22K	S22L
2017	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	-3.0	-4.9	-0.1	-0.4	0.2
	Feb	1.5	-0.9	-2.7	-0.4	-1.9
	Mar	1.9	1.7	2.0	0.5	2.3
	Apr	-1.4	-1.8	-2.4	-0.9	1.0
	May	1.4	2.0	0.1	-	0.3
	Jun	-1.7	1.7	0.4	-0.8	2.8
	Jul	-1.6	-1.2	1.1	0.9	-0.4
	Aug	4.3	-0.8	-3.2	0.9	2.2
	Sep	-3.3	6.3	3.5	1.0	1.2
	Oct	-1.7	-4.9	-0.3	-1.1	-0.3
	Nov	2.5	-1.2	-4.2	0.2	0.3
	Dec	2.4	2.6	4.3	-1.3	1.4
2019	Jan	0.7	-2.0	1.5	-0.9	1.6
	Feb	0.3	2.4	-4.7	-0.6	-0.3
	Mar	-0.9	-0.6	3.4	2.5	-1.2
	Apr	1.1	4.8	0.6	-1.9	3.1
	May	2.4	-0.9	-1.7	-1.2	-0.4
	Jun	2.6	2.4	2.8	0.6	0.2

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

		S2GM	S2GN	KFJ6	S2GO	S2GP
2017	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	20.1	0.8	0.8	9.9
	Feb	-4.8	18.2	2.1	0.9	9.1
	Mar	-1.4	14.2	3.5	1.8	8.6
	Apr	0.9	12.0	2.1	1.4	7.2
	May	2.1	9.6	1.2	1.3	7.7
	Jun	0.2	8.3	-0.4	-0.2	7.6
	Jul	-1.7	8.8	1.6	-0.2	7.6
	Aug	-1.8	8.0	0.4	-0.1	8.1
	Sep	-0.7	10.2	0.2	1.1	8.7
	Oct	-0.4	8.9	-2.7	2.2	9.0
	Nov	-0.9	8.1	-1.0	2.1	8.6
	Dec	-0.6	3.4	-1.6	0.7	8.6
2019	Jan	2.2	0.9	-0.7	-0.7	9.5
	Feb	3.1	1.1	-1.5	-1.9	10.9
	Mar	3.0	2.5	-1.2	-1.5	10.7
	Apr	2.5	5.1	-0.4	-1.2	10.7
	May	2.7	5.5	0.5	-1.2	10.0
	Jun	5.5	7.0	1.7	-1.5	9.5

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IOSCOMP
continued

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

seasonally adjusted 2016 = 100

			Industry components (SIC2007)		
	Publishing activities	Motion pictures, tv production, sound and music activities	Programming and broadcasting activites	Telecom -munications	Computer programming, consultancy and related activities
Component	58	59	60	61	62
2016 weights	**9**	**8**	**4**	**22**	**32**

Percentage change, latest 3 months on previous 3 months

		S2BW	S2BX	KFJ8	S2BY	S2BZ
2017	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	-0.5	6.4	-2.0	1.5	1.5
	Feb	-	6.4	1.2	1.7	0.3
	Mar	-0.6	1.6	0.5	0.9	0.1
	Apr	1.0	-1.1	-0.3	-0.1	0.3
	May	1.4	-1.2	-1.5	-0.5	1.9
	Jun	0.7	0.9	-1.8	-1.0	3.0
	Jul	-0.6	2.1	-0.2	-0.7	3.4
	Aug	-0.9	1.3	-0.7	-0.2	3.8
	Sep	-0.5	2.1	0.3	1.3	3.4
	Oct	-0.2	1.4	-0.3	1.5	3.5
	Nov	-1.4	1.5	-	1.2	2.4
	Dec	-0.1	-1.1	-0.5	-0.5	1.8
2019	Jan	2.0	-1.5	-	-1.4	1.9
	Feb	4.0	-0.5	0.7	-2.3	2.5
	Mar	2.9	0.6	0.9	-1.2	2.0
	Apr	1.3	3.1	0.1	-0.6	1.5
	May	1.1	3.2	0.5	0.1	1.0
	Jun	3.1	5.4	1.1	-1.0	1.9

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IOS: Index Telecom
Chained unications

seasonally adjusted 2016 = 100

	Information service activities	Financial and insurance activities	Financial service activities except insurance and pension funding	Insurance, except compulsory social security	Pension funding
Component	63	K	64	65.1-2	65.3
2016 weights	**4**	**92**	**55**	**20**	**2**
	S2LG	S2LH	S2LI	S2LJ	S2LK
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
2018	115.5	98.5	100.5	94.3	86.3
2017 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	107.9	99.3	101.2	95.5	86.6
Feb	112.6	99.3	101.2	95.4	86.5
Mar	113.1	99.1	101.1	95.2	86.6
Apr	114.6	98.9	100.9	95.0	86.6
May	115.7	98.7	100.7	94.8	86.6
Jun	116.5	98.7	100.7	94.7	86.6
Jul	117.3	98.6	100.7	94.5	86.6
Aug	121.3	98.5	100.6	94.3	86.4
Sep	116.2	98.2	100.4	93.7	86.3
Oct	115.6	97.8	100.2	93.1	86.0
Nov	118.9	97.4	99.7	92.7	85.7
Dec	116.5	97.1	99.2	92.9	85.4
2019 Jan	126.7	96.7	98.6	92.7	85.1
Feb	134.7	96.4	98.0	93.0	84.7
Mar	132.1	96.3	97.8	93.0	84.3
Apr	129.6	96.2	97.7	92.8	84.0
May	135.7	96.2	97.9	92.6	83.6
Jun	132.4	96.4	98.1	92.7	83.3

Percentage change, latest year on previous year

	S22M	S22N	S22O	S22P	S22Q
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
2018	7.6	-1.8	-1.0	-2.8	-4.7

Percentage change, latest month on same month a year ago

	S27C	S27D	S27E	S27F	S27G
2017 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	2.6	-2.0	-1.4	-2.6	-11.2
Feb	10.2	-1.9	-1.1	-2.9	-9.7
Mar	8.5	-1.9	-0.9	-3.2	-8.1
Apr	10.0	-1.8	-0.7	-3.4	-6.6
May	6.6	-1.8	-0.7	-3.3	-5.1
Jun	8.8	-1.7	-0.8	-3.0	-3.8
Jul	11.5	-1.5	-0.7	-2.7	-2.7
Aug	13.0	-1.4	-0.8	-2.5	-2.0
Sep	7.2	-1.5	-1.1	-2.4	-1.5
Oct	6.9	-1.5	-1.0	-2.6	-1.3
Nov	5.2	-1.8	-1.4	-2.8	-1.3
Dec	1.9	-2.2	-2.0	-2.7	-1.4
2019 Jan	17.4	-2.7	-2.6	-2.9	-1.7
Feb	19.7	-2.9	-3.2	-2.6	-2.1
Mar	16.7	-2.9	-3.3	-2.3	-2.6
Apr	13.1	-2.7	-3.1	-2.3	-3.0
May	17.3	-2.5	-2.8	-2.3	-3.5
Jun	13.6	-2.3	-2.5	-2.1	-3.9

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IOSCOMP
continued

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

seasonally adjusted 2016 = 100

	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
Component	63	K	64	65.1-2	65.3
2016 weights	**4**	**92**	**55**	**20**	**2**

Percentage change, latest month on previous month

		S22M	S22N	S22O	S22P	S22Q
2017	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	-5.6	-	0.1	-	-0.1
	Feb	4.3	-	-	-0.1	-
	Mar	0.5	-0.2	-0.2	-0.2	-
	Apr	1.3	-0.2	-0.2	-0.3	-
	May	0.9	-0.2	-0.2	-0.2	-
	Jun	0.7	-0.1	-	-0.1	-
	Jul	0.7	-0.1	-	-0.2	-0.1
	Aug	3.5	-0.1	-	-0.3	-0.1
	Sep	-4.2	-0.3	-0.2	-0.6	-0.2
	Oct	-0.5	-0.4	-0.2	-0.7	-0.3
	Nov	2.9	-0.4	-0.5	-0.4	-0.3
	Dec	-2.0	-0.3	-0.5	0.2	-0.4
2019	Jan	8.8	-0.5	-0.6	-0.2	-0.4
	Feb	6.3	-0.3	-0.6	0.3	-0.4
	Mar	-1.9	-0.1	-0.2	0.1	-0.4
	Apr	-1.9	-0.1	-	-0.2	-0.4
	May	4.7	-	0.2	-0.2	-0.4
	Jun	-2.5	0.1	0.2	0.1	-0.4

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

		S2GQ	S2GR	S2GS	S2GT	S2GU
2017	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	7.5	-1.6	-0.3	-3.1	-12.1
	Feb	8.0	-1.7	-0.8	-2.8	-11.1
	Mar	7.1	-1.9	-1.2	-2.9	-9.7
	Apr	9.5	-1.9	-0.9	-3.1	-8.1
	May	8.3	-1.8	-0.8	-3.3	-6.6
	Jun	8.4	-1.8	-0.7	-3.2	-5.1
	Jul	8.9	-1.6	-0.7	-3.0	-3.9
	Aug	11.1	-1.5	-0.8	-2.7	-2.8
	Sep	10.6	-1.5	-0.9	-2.5	-2.1
	Oct	9.0	-1.5	-1.0	-2.5	-1.6
	Nov	6.4	-1.6	-1.1	-2.6	-1.3
	Dec	4.6	-1.8	-1.4	-2.7	-1.3
2019	Jan	8.0	-2.2	-2.0	-2.8	-1.5
	Feb	12.9	-2.6	-2.6	-2.7	-1.8
	Mar	17.9	-2.8	-3.0	-2.6	-2.1
	Apr	16.5	-2.8	-3.2	-2.4	-2.6
	May	15.7	-2.7	-3.0	-2.3	-3.0
	Jun	14.7	-2.5	-2.8	-2.2	-3.5

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IOSCOMP
continued

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

seasonally adjusted 2016 = 100

	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
Component	63	K	64	65.1-2	65.3
2016 weights	**4**	**92**	**55**	**20**	**2**

Percentage change, latest 3 months on previous 3 months

		S2C2	S2C3	S2C4	S2C5	S2C6
2017	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	3.5	-0.4	-0.2	-0.6	-1.1
	Feb	1.6	-0.1	-	-0.2	-0.7
	Mar	-0.6	-	-	-0.1	-0.4
	Apr	1.5	-0.2	-0.1	-0.2	-0.1
	May	2.6	-0.4	-0.3	-0.5	-
	Jun	4.0	-0.5	-0.4	-0.6	0.1
	Jul	2.7	-0.4	-0.4	-0.6	0.1
	Aug	3.4	-0.3	-0.2	-0.5	-0.1
	Sep	2.3	-0.4	-0.2	-0.7	-0.2
	Oct	1.1	-0.5	-0.3	-1.1	-0.4
	Nov	-1.2	-0.8	-0.5	-1.4	-0.6
	Dec	-1.0	-1.0	-0.9	-1.3	-0.8
2019	Jan	2.6	-1.1	-1.2	-1.0	-1.0
	Feb	7.8	-1.1	-1.5	-0.3	-1.1
	Mar	12.1	-1.0	-1.6	-	-1.2
	Apr	9.4	-0.8	-1.4	0.2	-1.2
	May	5.1	-0.5	-0.8	-	-1.3
	Jun	1.1	-0.2	-0.2	-0.2	-1.3

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IOSCOMP

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

continued

seasonally adjusted 2016 = 100

		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**
	S2LL	S2LM	S2LN	S2LO	S2LP
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
2018	97.7	102.0	104.1	101.3	100.6
2017 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	98.7	101.6	103.9	100.7	101.1
Feb	98.7	101.7	103.9	100.8	102.2
Mar	98.5	101.8	103.9	100.9	102.3
Apr	98.3	101.8	104.0	101.0	99.4
May	98.1	101.9	104.2	101.1	98.7
Jun	98.0	101.8	103.6	101.2	100.3
Jul	97.8	102.0	103.9	101.3	100.2
Aug	97.5	102.0	103.8	101.4	98.2
Sep	97.1	102.1	104.0	101.5	97.6
Oct	96.5	102.5	104.8	101.7	99.8
Nov	96.3	102.6	104.5	101.8	102.4
Dec	96.5	103.0	105.2	102.0	105.5
2019 Jan	96.2	102.9	105.0	102.0	106.1
Feb	96.5	103.0	105.3	101.9	108.5
Mar	96.5	103.2	106.3	101.8	105.9
Apr	96.3	103.3	106.6	101.9	105.6
May	96.2	103.5	107.0	102.0	108.7
Jun	96.2	103.4	107.0	102.0	103.8

Percentage change, latest year on previous year

	S22R	S22S	S22T	S22U	S22V
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
2018	-2.6	1.0	1.4	0.9	-1.0

Percentage change, latest month on same month a year ago

	S27H	S27I	S27J	S27K	S27L
2017 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	-2.6	1.2	2.5	0.8	-1.7
Feb	-2.7	1.2	2.3	0.8	0.4
Mar	-3.0	1.2	2.0	0.8	4.7
Apr	-3.2	0.9	1.6	0.7	0.3
May	-3.2	0.8	1.6	0.7	-3.6
Jun	-2.9	0.6	1.0	0.6	-1.8
Jul	-2.6	0.7	1.1	0.7	-1.7
Aug	-2.3	0.5	0.4	0.8	-4.8
Sep	-2.0	0.9	1.1	1.0	-4.8
Oct	-2.2	1.2	1.3	1.3	-2.5
Nov	-2.4	1.2	0.8	1.4	-0.6
Dec	-2.3	1.6	1.4	1.5	5.1
2019 Jan	-2.6	1.4	1.0	1.3	4.9
Feb	-2.3	1.3	1.4	1.1	6.1
Mar	-2.0	1.4	2.4	0.9	3.5
Apr	-2.0	1.5	2.6	0.9	6.2
May	-1.9	1.6	2.6	0.9	10.2
Jun	-1.8	1.6	3.3	0.9	3.5

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IOSCOMP

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

continued

seasonally adjusted 2016 = 100

	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
2017	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	-	0.2	0.1	0.2	0.7
	Feb	-	0.1	-	0.2	1.1
	Mar	-0.2	0.1	-	0.1	0.1
	Apr	-0.2	-	0.1	0.1	-2.8
	May	-0.2	0.1	0.2	0.1	-0.8
	Jun	-0.1	-0.1	-0.6	0.1	1.7
	Jul	-0.2	0.2	0.3	0.1	-0.1
	Aug	-0.3	-	-0.1	0.1	-2.0
	Sep	-0.4	0.1	0.1	0.1	-0.6
	Oct	-0.6	0.4	0.8	0.1	2.3
	Nov	-0.3	0.1	-0.2	0.2	2.6
	Dec	0.2	0.4	0.7	0.2	3.1
2019	Jan	-0.3	-	-0.3	-	0.5
	Feb	0.3	0.1	0.4	-0.1	2.3
	Mar	0.1	0.1	1.0	-0.1	-2.4
	Apr	-0.2	0.1	0.3	-	-0.3
	May	-0.1	0.2	0.3	0.1	2.9
	Jun	-	-0.1	-	0.1	-4.5

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

		S2GV	S2GW	S2GX	S2GY	S2GZ
2017	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	-0.3
	Feb	-2.7	1.3	2.8	0.8	-1.2
	Mar	-2.8	1.2	2.3	0.8	1.1
	Apr	-3.0	1.1	2.0	0.8	1.8
	May	-3.1	1.0	1.7	0.7	0.4
	Jun	-3.1	0.8	1.4	0.7	-1.7
	Jul	-2.9	0.7	1.2	0.6	-2.4
	Aug	-2.6	0.6	0.8	0.7	-2.8
	Sep	-2.3	0.7	0.9	0.8	-3.8
	Oct	-2.2	0.9	1.0	1.0	-4.0
	Nov	-2.2	1.1	1.1	1.2	-2.6
	Dec	-2.3	1.3	1.2	1.4	0.6
2019	Jan	-2.4	1.4	1.1	1.4	3.1
	Feb	-2.4	1.4	1.3	1.3	5.4
	Mar	-2.3	1.3	1.6	1.1	4.9
	Apr	-2.1	1.4	2.1	0.9	5.3
	May	-2.0	1.5	2.5	0.9	6.6
	Jun	-1.9	1.6	2.8	0.9	6.6

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IOSCOMP
continued

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

seasonally adjusted 2016 = 100

			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 3 months on previous 3 months

	S2C7	S2C8	S2C9	S2CA	S2CB
2017 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	-0.6	0.1	0.6	-	-1.1
Feb	-0.1	0.3	0.5	0.2	-1.3
Mar	-	0.3	0.2	0.4	-
Apr	-0.2	0.3	0.1	0.4	-0.2
May	-0.4	0.3	0.2	0.4	-1.1
Jun	-0.5	0.1	-	0.3	-2.4
Jul	-0.5	0.1	-	0.2	-1.6
Aug	-0.5	0.1	-0.2	0.3	-0.6
Sep	-0.6	0.2	-	0.3	-0.8
Oct	-0.9	0.3	0.3	0.4	-1.2
Nov	-1.2	0.4	0.6	0.4	0.3
Dec	-1.1	0.7	0.9	0.4	4.0
2019 Jan	-0.8	0.7	0.7	0.4	6.3
Feb	-0.3	0.6	0.7	0.3	6.8
Mar	-	0.4	0.7	0.1	4.2
Apr	0.1	0.3	1.2	-0.1	1.9
May	-	0.3	1.4	-0.1	-
Jun	-0.2	0.4	1.3	-	-0.7

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seasonally adjusted 2016 = 100

	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
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
2018	110.0	106.4	115.5	112.0	108.3
2017 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	109.0	106.4	115.4	109.6	109.7
Feb	107.4	104.2	111.3	109.2	107.2
Mar	108.2	107.0	111.9	108.0	108.4
Apr	109.1	106.9	114.1	109.4	108.8
May	109.0	107.1	113.8	109.7	108.7
Jun	109.1	107.6	112.4	110.9	107.3
Jul	110.4	107.2	115.3	111.2	110.4
Aug	110.5	105.4	117.8	112.4	109.9
Sep	111.1	105.4	119.1	114.6	107.2
Oct	111.9	105.6	121.1	115.6	107.5
Nov	112.3	105.3	117.7	116.8	109.2
Dec	111.9	109.2	116.5	116.7	105.8
2019 Jan	111.0	104.9	117.2	115.8	107.4
Feb	111.6	107.4	118.6	114.1	107.9
Mar	112.0	108.3	121.4	112.9	107.6
Apr	111.3	108.0	119.0	112.3	104.5
May	111.4	108.0	120.8	114.0	104.0
Jun	112.3	109.5	120.7	115.9	103.9

Percentage change, latest year on previous year

	S22W	S22X	S22Y	S22Z	S232
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
2018	5.2	2.8	8.0	4.2	5.8

Percentage change, latest month on same month a year ago

	S27M	S27N	S27O	S27P	S27Q
2017 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	5.0	1.4	11.6	1.8	8.1
Feb	4.7	3.4	8.4	3.2	5.7
Mar	5.0	3.7	6.5	2.0	7.2
Apr	6.5	2.0	13.0	3.3	7.9
May	5.1	5.0	5.6	3.7	6.9
Jun	4.4	3.8	3.8	5.3	5.9
Jul	5.6	4.0	4.4	5.7	9.0
Aug	5.3	2.0	8.2	5.9	7.6
Sep	4.9	1.6	9.9	5.5	4.3
Oct	6.1	1.5	13.4	4.2	4.1
Nov	5.0	0.1	7.6	4.3	4.3
Dec	4.3	5.5	4.2	5.5	-0.6
2019 Jan	1.9	-1.5	1.6	5.7	-2.1
Feb	4.0	3.1	6.6	4.5	0.7
Mar	3.5	1.2	8.5	4.6	-0.7
Apr	2.0	1.0	4.2	2.7	-4.0
May	2.2	0.8	6.1	3.9	-4.3
Jun	2.9	1.7	7.4	4.5	-3.1

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continued

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	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**

Percentage change, latest month on previous month

		S22W	S22X	S22Y	S22Z	S232
2017	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	1.5	2.8	3.2	-1.0	3.0
	Feb	-1.5	-2.1	-3.6	-0.3	-2.3
	Mar	0.8	2.7	0.6	-1.1	1.1
	Apr	0.8	-	2.0	1.3	0.4
	May	-0.1	0.1	-0.3	0.3	-0.1
	Jun	0.1	0.5	-1.3	1.1	-1.4
	Jul	1.2	-0.3	2.6	0.3	2.9
	Aug	0.1	-1.7	2.2	1.1	-0.4
	Sep	0.6	-0.1	1.1	1.9	-2.5
	Oct	0.7	0.2	1.7	0.9	0.3
	Nov	0.4	-0.3	-2.8	1.1	1.5
	Dec	-0.4	3.7	-1.0	-0.1	-3.1
2019	Jan	-0.8	-3.9	0.6	-0.7	1.5
	Feb	0.5	2.4	1.2	-1.5	0.5
	Mar	0.3	0.8	2.4	-1.0	-0.2
	Apr	-0.6	-0.3	-2.0	-0.5	-2.9
	May	-	-	1.5	1.5	-0.4
	Jun	0.8	1.4	-	1.6	-0.1

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

		S2H2	S2H3	S2H4	S2H5	S2H6
2017	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	4.7	2.2	12.6	3.1	5.1
	Feb	4.7	2.0	12.4	2.7	6.3
	Mar	4.9	2.8	8.8	2.3	7.0
	Apr	5.4	3.0	9.2	2.8	6.9
	May	5.5	3.5	8.3	3.0	7.3
	Jun	5.3	3.6	7.3	4.1	6.9
	Jul	5.1	4.3	4.6	4.9	7.2
	Aug	5.1	3.3	5.5	5.6	7.5
	Sep	5.3	2.6	7.5	5.7	6.9
	Oct	5.4	1.7	10.5	5.2	5.3
	Nov	5.3	1.1	10.3	4.7	4.2
	Dec	5.1	2.3	8.4	4.6	2.6
2019	Jan	3.7	1.3	4.4	5.1	0.5
	Feb	3.4	2.3	4.1	5.2	-0.7
	Mar	3.1	0.9	5.5	4.9	-0.7
	Apr	3.2	1.8	6.4	3.9	-1.3
	May	2.6	1.0	6.3	3.7	-3.0
	Jun	2.4	1.2	5.9	3.7	-3.8

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IOSCOMP
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			Industry components (SIC2007)		
Component	M	69.1	69.2	70	71
2016 weights	**95**	**18**	**14**	**16**	**20**

Percentage change, latest 3 months on previous 3 months

		S2CC	S2CD	S2CE	S2CF	S2CG
2017	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	2.2	1.3	3.9	2.0	4.1
	Feb	1.6	0.4	4.3	-0.7	4.1
	Mar	1.5	1.5	3.3	-2.1	3.4
	Apr	0.4	0.9	0.2	-1.7	1.1
	May	0.8	2.2	0.4	-0.7	0.8
	Jun	0.8	1.3	0.5	1.0	-0.1
	Jul	1.2	1.2	1.2	1.6	0.6
	Aug	1.1	-0.2	1.6	2.3	0.5
	Sep	1.5	-1.1	3.5	2.5	0.8
	Oct	1.6	-1.7	4.8	3.3	-0.5
	Nov	1.6	-1.3	3.6	3.7	-1.1
	Dec	1.2	0.6	0.9	3.2	-1.5
2019	Jan	0.5	0.9	-1.8	2.0	-0.7
	Feb	-0.2	1.7	-1.5	-0.1	-0.8
	Mar	-0.4	0.2	0.6	-1.8	0.1
	Apr	-0.1	1.3	2.2	-2.8	-0.7
	May	-	0.9	2.5	-2.1	-1.5
	Jun	0.1	1.5	0.9	-0.2	-3.3

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	Scientific research and development	Advertising and market research	Other professional scientific and technical activities	Veterinary activities	Administrative and support service activities
			Industry components (SIC2007)		
Component	72	73	74	75	N
2016 weights	**7**	**10**	**8**	**2**	**60**
	S2LV	S2LW	S2LX	S2LY	S2LZ
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
2018	107.1	114.0	106.3	109.4	107.0
2017 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	105.5	110.6	102.8	105.2	107.6
Feb	105.5	109.8	103.8	105.5	105.8
Mar	104.3	113.5	102.9	105.2	106.7
Apr	107.2	111.4	104.5	108.3	107.0
May	106.4	111.6	103.7	107.3	106.8
Jun	105.7	113.0	105.6	108.9	107.9
Jul	108.6	112.4	106.3	111.1	107.6
Aug	106.9	113.5	106.2	112.0	107.1
Sep	109.6	114.0	110.1	113.4	106.0
Oct	108.6	116.4	110.5	112.7	107.2
Nov	111.5	118.8	110.5	112.9	107.5
Dec	105.3	123.2	108.1	110.2	106.4
2019 Jan	106.8	121.9	103.8	111.8	107.3
Feb	111.9	120.2	102.7	111.3	108.1
Mar	109.5	119.5	106.3	110.6	107.6
Apr	110.2	121.5	108.5	112.7	107.5
May	107.3	116.7	112.5	111.0	107.6
Jun	110.7	118.0	111.8	111.4	106.1

Percentage change, latest year on previous year

	S233	S234	S235	S236	S237
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
2018	0.7	11.8	2.2	4.1	2.3

Percentage change, latest month on same month a year ago

	S27R	S27S	S27T	S27U	S27V
2017 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	-3.7	10.7	2.9	1.2	4.9
Feb	0.8	10.2	0.6	1.4	2.9
Mar	-5.2	21.8	-1.6	0.9	2.7
Apr	5.4	14.7	0.3	8.8	5.6
May	6.9	10.9	-3.9	4.5	2.6
Jun	-0.5	9.7	0.5	1.7	3.4
Jul	2.7	9.3	1.9	5.2	3.0
Aug	0.8	7.9	2.5	2.4	1.8
Sep	2.1	5.2	5.4	5.1	0.3
Oct	2.8	13.6	5.8	5.3	1.1
Nov	3.0	12.0	7.0	6.9	0.5
Dec	-5.2	16.5	4.8	6.0	-0.6
2019 Jan	1.2	10.2	1.0	6.3	-0.3
Feb	6.1	9.5	-1.1	5.5	2.2
Mar	5.0	5.3	3.3	5.2	0.8
Apr	2.8	9.1	3.8	4.1	0.4
May	0.9	4.6	8.5	3.4	0.7
Jun	4.7	4.4	5.8	2.2	-1.7

IOSCOMP
continued

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

seasonally adjusted 2016 = 100

	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 month on previous month

		S233	S234	S235	S236	S237
2017	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	-5.0	4.7	-0.3	1.2	0.5
	Feb	-	-0.8	0.9	0.3	-1.7
	Mar	-1.1	3.4	-0.9	-0.3	0.9
	Apr	2.7	-1.9	1.6	2.9	0.3
	May	-0.7	0.2	-0.8	-0.9	-0.2
	Jun	-0.6	1.3	1.9	1.5	1.0
	Jul	2.7	-0.6	0.7	2.0	-0.2
	Aug	-1.5	1.0	-0.2	0.8	-0.5
	Sep	2.5	0.4	3.8	1.3	-1.0
	Oct	-0.9	2.1	0.3	-0.6	1.1
	Nov	2.7	2.0	-	0.2	0.3
	Dec	-5.6	3.7	-2.1	-2.4	-1.1
2019	Jan	1.5	-1.0	-4.0	1.4	0.9
	Feb	4.8	-1.4	-1.1	-0.5	0.7
	Mar	-2.1	-0.6	3.5	-0.6	-0.4
	Apr	0.6	1.7	2.1	1.9	-0.1
	May	-2.6	-3.9	3.7	-1.5	0.1
	Jun	3.1	1.1	-0.7	0.4	-1.4

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

		S2H7	S2H8	S2H9	S2HA	S2HB
2017	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	3.2	3.6	3.0	1.8	5.1
	Feb	0.8	5.9	1.0	1.0	4.4
	Mar	-2.8	14.1	0.6	1.2	3.5
	Apr	0.2	15.4	-0.2	3.6	3.7
	May	2.1	15.6	-1.8	4.7	3.6
	Jun	3.8	11.7	-1.1	4.9	3.9
	Jul	2.9	10.0	-0.6	3.8	3.0
	Aug	1.0	9.0	1.6	3.1	2.8
	Sep	1.9	7.4	3.3	4.2	1.7
	Oct	1.9	8.8	4.6	4.3	1.1
	Nov	2.7	10.2	6.0	5.8	0.7
	Dec	0.1	14.0	5.9	6.1	0.3
2019	Jan	-0.4	12.9	4.3	6.4	-0.1
	Feb	0.6	12.0	1.6	5.9	0.4
	Mar	4.1	8.3	1.1	5.6	0.9
	Apr	4.6	7.9	2.0	4.9	1.1
	May	2.9	6.3	5.2	4.2	0.7
	Jun	2.8	6.0	6.0	3.2	-0.2

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

seasonally adjusted 2016 = 100

			Industry components (SIC2007)		
			Other professional		Administrative
	Scientific research and development	Advertising and market research	scientific and technical activities	Veterinary activities	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
2017	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	1.8	2.0	-1.0	-2.9	1.5
	Feb	0.3	2.9	-0.8	-1.8	0.5
	Mar	-3.0	6.3	-0.4	-0.2	-
	Apr	-2.4	3.8	0.6	1.3	-0.7
	May	-1.3	3.2	0.4	1.9	0.1
	Jun	1.2	0.6	1.4	2.7	0.5
	Jul	1.1	0.7	1.5	2.6	0.9
	Aug	1.0	0.7	2.3	3.5	0.6
	Sep	1.8	1.2	2.8	3.7	-0.3
	Oct	1.4	2.0	3.5	3.3	-0.6
	Nov	2.7	3.0	4.1	2.1	-0.6
	Dec	0.1	5.4	2.0	-0.2	0.1
2019	Jan	-0.4	5.8	-1.3	-0.9	0.3
	Feb	-1.7	4.6	-5.0	-1.7	0.3
	Mar	0.9	0.9	-4.9	-0.6	0.6
	Apr	2.5	-0.7	-1.6	-0.1	0.6
	May	0.9	-2.1	4.0	0.3	0.3
	Jun	-	-1.5	6.4	0.4	-0.5

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

seasonally adjusted 2016 = 100

	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**
	S2M2	S2M3	S2M4	S2M5	S2M6
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
2018	103.5	110.7	98.3	107.5	102.4
2017 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	107.8	107.2	102.5	102.1	102.4
Feb	103.3	106.8	98.5	104.0	102.3
Mar	103.8	107.0	99.7	104.8	103.4
Apr	105.6	107.4	100.5	106.0	101.9
May	102.4	109.6	97.5	106.8	103.5
Jun	104.7	112.7	100.3	107.5	102.3
Jul	102.8	112.0	97.9	109.8	101.7
Aug	103.9	111.4	97.3	106.2	100.9
Sep	102.5	111.8	94.8	109.3	101.7
Oct	101.4	114.3	96.4	109.9	103.3
Nov	101.9	114.2	98.2	111.1	104.4
Dec	101.4	114.4	95.5	112.5	100.6
2019 Jan	101.0	115.5	98.1	113.7	99.8
Feb	103.1	117.2	96.6	114.2	97.6
Mar	102.9	117.7	95.5	112.3	99.7
Apr	100.0	117.0	96.0	113.4	102.0
May	100.1	116.6	96.3	115.3	99.4
Jun	99.9	115.3	91.2	111.8	96.6

Percentage change, latest year on previous year

	S238	S239	S23A	S23B	S23C
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
2018	1.7	6.4	-7.6	7.8	1.5

Percentage change, latest month on same month a year ago

	S27W	S27X	S27Y	S27Z	S282
2017 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	3.9	-8.0	2.9	5.2
Feb	4.1	3.6	-8.4	2.9	-0.1
Mar	2.1	3.2	-7.0	2.4	2.2
Apr	5.5	8.9	-0.9	4.5	1.4
May	0.4	6.8	-7.1	8.1	1.6
Jun	3.7	9.4	-5.5	9.6	1.7
Jul	0.3	7.3	-7.1	13.9	2.7
Aug	2.1	6.8	-8.5	5.6	0.3
Sep	1.7	6.9	-11.5	8.9	-
Oct	-1.6	8.0	-9.0	10.4	0.9
Nov	-2.2	6.6	-9.1	9.7	3.0
Dec	-1.8	5.7	-8.8	14.7	-0.2
2019 Jan	-6.4	7.8	-4.3	11.4	-2.5
Feb	-0.2	9.8	-2.0	9.9	-4.6
Mar	-0.8	10.0	-4.3	7.2	-3.6
Apr	-5.3	8.9	-4.5	6.9	0.1
May	-2.2	6.4	-1.3	8.0	-3.9
Jun	-4.6	2.3	-9.1	4.0	-5.7

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

seasonally adjusted 2016 = 100

	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 month on previous month

		S238	S239	S23A	S23B	S23C
2017	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	-0.9	-2.1	4.1	1.5
	Feb	-4.2	-0.4	-3.9	1.8	-0.1
	Mar	0.5	0.2	1.3	0.8	1.1
	Apr	1.7	0.4	0.7	1.2	-1.5
	May	-3.0	2.1	-2.9	0.7	1.6
	Jun	2.3	2.9	2.9	0.7	-1.1
	Jul	-1.8	-0.7	-2.4	2.1	-0.6
	Aug	1.1	-0.5	-0.6	-3.2	-0.7
	Sep	-1.4	0.4	-2.5	2.9	0.8
	Oct	-1.1	2.2	1.6	0.6	1.5
	Nov	0.4	-0.1	1.9	1.1	1.0
	Dec	-0.5	0.1	-2.7	1.2	-3.6
2019	Jan	-0.4	1.0	2.7	1.1	-0.8
	Feb	2.1	1.5	-1.6	0.4	-2.2
	Mar	-0.2	0.4	-1.1	-1.7	2.2
	Apr	-2.9	-0.6	0.5	0.9	2.2
	May	0.1	-0.3	0.3	1.7	-2.5
	Jun	-0.1	-1.1	-5.3	-3.0	-2.9

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

		S2HC	S2HD	S2HE	S2HF	S2HG
2017	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	3.6	5.0	-3.5	1.3	0.3
	Feb	4.1	4.9	-6.7	2.2	1.2
	Mar	4.4	3.6	-7.8	2.8	2.4
	Apr	3.9	5.2	-5.5	3.3	1.2
	May	2.6	6.2	-5.1	5.0	1.7
	Jun	3.2	8.4	-4.6	7.4	1.6
	Jul	1.4	7.9	-6.6	10.5	2.0
	Aug	2.0	7.8	-7.1	9.7	1.6
	Sep	1.3	7.0	-9.1	9.4	1.0
	Oct	0.7	7.3	-9.7	8.3	0.4
	Nov	-0.8	7.2	-9.9	9.7	1.3
	Dec	-1.9	6.8	-9.0	11.6	1.2
2019	Jan	-3.5	6.7	-7.4	11.9	0.1
	Feb	-2.8	7.7	-5.1	11.9	-2.5
	Mar	-2.5	9.2	-3.5	9.5	-3.6
	Apr	-2.1	9.6	-3.6	8.0	-2.7
	May	-2.8	8.4	-3.4	7.3	-2.5
	Jun	-4.1	5.8	-5.0	6.3	-3.2

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IOSCOMP
continued

	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
2017	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	2.5	-1.3	0.3	-0.1
	Feb	2.0	1.5	-4.8	1.0	-
	Mar	1.4	-0.1	-5.6	4.0	1.2
	Apr	-0.9	-0.5	-5.3	4.4	1.0
	May	-0.9	0.5	-2.6	4.4	1.1
	Jun	-0.7	2.7	-0.8	3.0	-0.1
	Jul	-0.9	4.1	-1.0	2.9	-
	Aug	-0.1	3.8	-0.8	1.9	-1.2
	Sep	-1.1	1.7	-2.8	1.6	-1.1
	Oct	-0.6	1.0	-2.5	0.5	-0.5
	Nov	-1.8	1.3	-2.1	2.1	1.4
	Dec	-1.5	2.3	0.1	2.5	1.3
2019	Jan	-1.2	2.0	1.2	3.6	-0.4
	Feb	-0.1	2.0	0.3	3.0	-3.7
	Mar	0.8	2.2	-	2.0	-3.6
	Apr	0.6	2.2	-1.3	0.8	-1.8
	May	-0.8	1.2	-0.9	0.2	1.0
	Jun	-2.3	-0.4	-2.3	0.1	0.3

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

seasonally adjusted 2016 = 100

	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
Component	82	O	84	P	85
2016 weights	**15**	**59**	**59**	**74**	**74**
	S2M7	S2M8	S2M9	S2MA	S2MB
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
2018	113.2	101.2	101.2	100.9	100.9
2017 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	113.9	100.6	100.6	100.3	100.3
Feb	112.8	100.6	100.6	100.4	100.4
Mar	114.5	100.7	100.7	100.6	100.6
Apr	114.1	100.8	100.8	100.9	100.9
May	114.6	101.1	101.1	101.0	101.0
Jun	112.9	101.3	101.3	101.0	101.0
Jul	115.4	101.5	101.5	100.9	100.9
Aug	114.0	101.7	101.7	100.8	100.8
Sep	111.1	101.7	101.7	101.0	101.0
Oct	112.6	101.7	101.7	101.2	101.2
Nov	111.9	101.6	101.6	101.5	101.5
Dec	110.6	101.6	101.6	101.7	101.7
2019 Jan	112.4	101.4	101.4	101.9	101.9
Feb	114.0	101.2	101.2	101.9	101.9
Mar	111.6	101.0	101.0	101.6	101.6
Apr	112.8	101.0	101.0	101.6	101.6
May	114.4	101.0	101.0	101.7	101.7
Jun	114.4	101.1	101.1	101.8	101.8

Percentage change, latest year on previous year

	S23D	S23E	S23F	S23G	S23H
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
2018	3.8	1.0	1.0	0.4	0.4

Percentage change, latest month on same month a year ago

	S283	S284	S285	S286	S287
2017 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	11.6	0.8	0.8	-0.5	-0.5
Feb	8.9	0.8	0.8	-0.6	-0.6
Mar	8.2	0.7	0.7	-0.2	-0.2
Apr	8.2	0.6	0.6	0.3	0.3
May	5.3	0.7	0.7	0.6	0.6
Jun	2.5	1.0	1.0	0.6	0.6
Jul	5.0	1.4	1.4	0.4	0.4
Aug	2.7	1.6	1.6	0.3	0.3
Sep	-1.7	1.6	1.6	0.4	0.4
Oct	0.9	1.3	1.3	0.7	0.7
Nov	-0.4	1.1	1.1	1.1	1.1
Dec	-3.8	1.0	1.0	1.3	1.3
2019 Jan	-1.3	0.8	0.8	1.6	1.6
Feb	1.0	0.6	0.6	1.6	1.6
Mar	-2.5	0.3	0.3	1.0	1.0
Apr	-1.2	0.2	0.2	0.8	0.8
May	-0.2	-	-	0.7	0.7
Jun	1.3	-0.2	-0.2	0.8	0.8

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IOS: Index of Services
Chained volume indices of gross value added [1,2,3]   seasonally adjusted 2016 = 100

	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
			Industry components (SIC2007)		
Component	82	O	84	P	85
2016 weights	**15**	**59**	**59**	**74**	**74**

Percentage change, latest month on previous month

		S23D	S23E	S23F	S23G	S23H
2017	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	-0.9	-	-	-0.1	-0.1
	Feb	-1.0	-	-	0.1	0.1
	Mar	1.5	0.1	0.1	0.2	0.2
	Apr	-0.3	0.2	0.2	0.3	0.3
	May	0.4	0.2	0.2	0.2	0.2
	Jun	-1.6	0.2	0.2	-	-
	Jul	2.2	0.2	0.2	-0.1	-0.1
	Aug	-1.2	0.1	0.1	-	-
	Sep	-2.6	-	-	0.1	0.1
	Oct	1.4	-	-	0.3	0.3
	Nov	-0.6	-0.1	-0.1	0.3	0.3
	Dec	-1.2	-	-	0.2	0.2
2019	Jan	1.6	-0.2	-0.2	0.2	0.2
	Feb	1.4	-0.2	-0.2	-	-
	Mar	-2.0	-0.2	-0.2	-0.4	-0.4
	Apr	1.0	-	-	0.1	0.1
	May	1.4	-	-	0.1	0.1
	Jun	-	-	-	0.1	0.1

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

		S2HH	S2HI	S2HJ	S2HK	S2HL
2017	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	14.5	0.8	0.8	-	-
	Feb	12.4	0.8	0.8	-0.3	-0.3
	Mar	9.6	0.8	0.8	-0.5	-0.5
	Apr	8.4	0.7	0.7	-0.2	-0.2
	May	7.2	0.7	0.7	0.2	0.2
	Jun	5.3	0.8	0.8	0.5	0.5
	Jul	4.3	1.0	1.0	0.5	0.5
	Aug	3.4	1.4	1.4	0.5	0.5
	Sep	2.0	1.5	1.5	0.4	0.4
	Oct	0.6	1.5	1.5	0.5	0.5
	Nov	-0.4	1.3	1.3	0.8	0.8
	Dec	-1.1	1.1	1.1	1.0	1.0
2019	Jan	-1.8	0.9	0.9	1.3	1.3
	Feb	-1.4	0.8	0.8	1.5	1.5
	Mar	-0.9	0.6	0.6	1.4	1.4
	Apr	-0.9	0.4	0.4	1.1	1.1
	May	-1.3	0.2	0.2	0.8	0.8
	Jun	-	-	-	0.7	0.7

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IOSCOMP
continued

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

seasonally adjusted 2016 = 100

	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
Component	82	O	84	P	85
2016 weights	**15**	**59**	**59**	**74**	**74**

Percentage change, latest 3 months on previous 3 months

		S2CR	S2CS	S2CT	S2CU	S2CV
2017	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	1.4	0.2	0.2	-0.1	-0.1
	Mar	0.7	0.1	0.1	-	-
	Apr	0.1	0.1	0.1	0.2	0.2
	May	0.5	0.3	0.3	0.5	0.5
	Jun	0.1	0.5	0.5	0.5	0.5
	Jul	0.4	0.6	0.6	0.4	0.4
	Aug	-0.3	0.6	0.6	0.1	0.1
	Sep	-0.3	0.6	0.6	-0.1	-0.1
	Oct	-1.5	0.4	0.4	-	-
	Nov	-1.9	0.2	0.2	0.3	0.3
	Dec	-1.6	-	-	0.6	0.6
2019	Jan	-0.8	-0.2	-0.2	0.7	0.7
	Feb	0.4	-0.3	-0.3	0.6	0.6
	Mar	0.8	-0.4	-0.4	0.3	0.3
	Apr	1.0	-0.4	-0.4	-	-
	May	0.6	-0.3	-0.3	-0.2	-0.2
	Jun	1.1	-0.1	-0.1	-0.1	-0.1

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seasonally adjusted 2016 = 100

	Human health and social work activities	Human health activities	Residential care activities	Social work activities without accommodation	Arts, entertainment and recreation
			Industry components (SIC2007)		
Component	Q	86	87	88	R
2016 weights	**94**	**70**	**11**	**13**	**19**
	S2MC	S2MD	S2ME	S2MF	S2MG
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
2018	100.2	100.3	98.2	101.3	104.3
2017 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	99.9	99.9	96.8	102.4	104.8
Feb	99.9	100.0	96.8	102.2	104.0
Mar	99.9	100.0	96.9	101.4	104.4
Apr	99.7	100.0	97.1	100.3	104.0
May	99.5	99.8	97.5	99.7	103.5
Jun	99.5	99.7	98.0	100.0	104.2
Jul	99.7	99.6	98.7	100.9	104.5
Aug	100.0	99.8	99.2	101.8	105.1
Sep	100.6	100.5	99.3	102.1	104.2
Oct	101.1	101.2	99.3	101.9	104.3
Nov	101.4	101.8	99.2	101.5	104.7
Dec	101.5	102.0	99.2	101.2	104.0
2019 Jan	101.6	102.0	99.9	100.7	103.6
Feb	101.6	102.1	100.5	100.4	104.0
Mar	101.9	102.4	100.6	100.4	103.8
Apr	101.9	102.4	100.4	100.7	101.8
May	102.0	102.5	100.2	101.0	101.4
Jun	102.1	102.5	100.4	101.1	100.9

Percentage change, latest year on previous year

	S23I	S23J	S23K	S23L	S23M
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
2018	0.5	0.7	-	-0.1	1.6

Percentage change, latest month on same month a year ago

	S288	S289	S28A	S28B	S28C
2017 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	0.2	0.1	-2.4	2.7	1.5
Feb	0.2	0.2	-2.2	2.1	2.7
Mar	0.1	0.4	-1.8	0.2	3.8
Apr	-0.2	0.3	-1.4	-2.0	1.2
May	-0.5	0.1	-0.9	-3.1	2.4
Jun	-0.4	-	-0.3	-2.5	2.5
Jul	-0.3	-0.3	0.4	-0.7	2.9
Aug	0.3	0.1	1.0	0.9	1.6
Sep	1.1	1.0	1.4	1.4	0.9
Oct	1.6	1.7	1.8	1.0	-0.3
Nov	1.9	2.2	2.2	0.1	1.4
Dec	1.8	2.2	2.4	-0.7	-0.7
2019 Jan	1.7	2.1	3.2	-1.7	-1.1
Feb	1.7	2.1	3.7	-1.8	-
Mar	2.0	2.3	3.8	-1.0	-0.6
Apr	2.2	2.4	3.4	0.4	-2.1
May	2.5	2.6	2.9	1.3	-2.0
Jun	2.6	2.9	2.4	1.1	-3.2

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

Percentage change, latest month on previous month

	S23I	S23J	S23K	S23L	S23M
2017 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	0.4	-
Feb	-	0.1	-	-0.1	-0.7
Mar	-	0.1	0.1	-0.8	0.4
Apr	-0.2	-0.1	0.2	-1.1	-0.4
May	-0.2	-0.1	0.4	-0.6	-0.5
Jun	-	-0.2	0.6	0.3	0.6
Jul	0.1	-0.1	0.7	0.9	0.3
Aug	0.4	0.3	0.5	0.8	0.6
Sep	0.5	0.6	0.2	0.3	-0.9
Oct	0.5	0.7	-	-0.2	0.1
Nov	0.4	0.6	-0.1	-0.4	0.4
Dec	0.1	0.2	-	-0.3	-0.7
2019 Jan	-	-	0.7	-0.5	-0.3
Feb	0.1	0.1	0.5	-0.3	0.3
Mar	0.3	0.3	0.1	0.1	-0.2
Apr	-	-	-0.2	0.3	-1.8
May	0.1	-	-0.1	0.3	-0.4
Jun	0.1	0.1	0.2	0.1	-0.5

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

	S2HM	S2HN	S2HO	S2HP	S2HQ
2017 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	2.4	2.0
Feb	0.1	0.1	-2.4	2.4	2.0
Mar	0.2	0.2	-2.1	1.7	2.7
Apr	-	0.3	-1.8	0.1	2.6
May	-0.2	0.2	-1.3	-1.7	2.5
Jun	-0.4	0.1	-0.8	-2.5	2.0
Jul	-0.4	-0.1	-0.3	-2.1	2.6
Aug	-0.1	-	0.4	-0.7	2.3
Sep	0.4	0.3	0.9	0.6	1.8
Oct	1.0	1.0	1.4	1.1	0.7
Nov	1.5	1.6	1.8	0.8	0.6
Dec	1.8	2.0	2.1	0.1	0.1
2019 Jan	1.8	2.2	2.6	-0.7	-0.1
Feb	1.7	2.1	3.1	-1.4	-0.6
Mar	1.8	2.2	3.6	-1.5	-0.6
Apr	2.0	2.3	3.6	-0.8	-0.9
May	2.2	2.5	3.3	0.2	-1.6
Jun	2.4	2.6	2.9	0.9	-2.4

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IOSCOMP
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
2017	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	1.1	0.5
	Feb	0.4	0.4	-0.7	1.2	0.8
	Mar	0.3	0.3	-0.3	0.6	0.2
	Apr	0.1	0.2	-	-0.6	-0.1
	May	-0.1	0.1	0.3	-1.7	-0.5
	Jun	-0.3	-0.1	0.7	-1.9	-0.5
	Jul	-0.2	-0.3	1.2	-1.1	-0.1
	Aug	-	-0.3	1.5	0.5	0.6
	Sep	0.5	0.1	1.6	1.6	0.7
	Oct	1.0	0.8	1.2	1.7	0.4
	Nov	1.3	1.5	0.6	0.9	-0.2
	Dec	1.3	1.7	0.2	-	-0.3
2019	Jan	1.0	1.4	0.2	-0.8	-0.4
	Feb	0.6	0.9	0.6	-1.1	-0.5
	Mar	0.3	0.5	1.1	-1.1	-0.5
	Apr	0.3	0.4	1.0	-0.6	-0.9
	May	0.4	0.4	0.5	-	-1.5
	Jun	0.3	0.3	-	0.5	-2.3

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

seasonally adjusted 2016 = 100

		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
Component	90	91	92	93	S
2016 weights	**5**	**3**	**7**	**4**	**27**
	S2MH	S2MI	S2MJ	S2MK	S2ML
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
2018	109.3	103.5	100.5	105.7	101.1
2017 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	108.8	104.8	101.5	105.5	101.2
Feb	109.8	102.4	101.7	102.1	101.0
Mar	109.6	106.9	100.9	102.7	101.4
Apr	110.2	103.9	99.7	104.2	101.1
May	107.4	104.6	99.0	106.1	100.8
Jun	109.2	104.3	100.2	105.2	100.9
Jul	111.2	104.3	101.5	101.9	100.6
Aug	110.4	102.4	102.5	105.2	101.4
Sep	107.4	100.7	101.2	107.8	100.9
Oct	109.2	100.1	100.2	108.4	102.1
Nov	110.2	104.8	98.7	108.6	101.7
Dec	108.1	102.2	98.3	110.4	100.7
2019 Jan	108.2	101.8	98.9	107.7	102.3
Feb	105.9	105.9	99.8	107.7	103.5
Mar	103.9	104.4	100.2	109.3	103.0
Apr	99.9	105.6	99.1	106.4	102.2
May	101.0	106.8	98.2	103.9	102.0
Jun	97.1	104.2	98.2	107.8	100.9

Percentage change, latest year on previous year

	S23N	S23O	S23P	S23Q	S23R
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
2018	4.3	0.4	0.2	1.6	-3.1

Percentage change, latest month on same month a year ago

	S28D	S28E	S28F	S28G	S28H
2017 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	0.8	-	2.5	1.6	-3.8
Feb	9.2	-4.5	3.5	-1.0	-2.5
Mar	7.1	5.7	3.0	0.1	-3.6
Apr	6.4	-2.1	1.6	-3.2	-4.5
May	2.8	4.9	1.4	1.9	-5.2
Jun	2.8	3.0	1.1	4.4	-3.9
Jul	7.0	4.2	0.8	0.5	-3.6
Aug	3.7	-0.3	0.7	2.0	-4.4
Sep	3.8	-1.6	-1.5	3.0	-3.5
Oct	0.9	-3.8	-2.4	4.1	-1.3
Nov	4.9	4.1	-3.7	4.0	0.1
Dec	2.6	-3.5	-3.8	2.4	-1.3
2019 Jan	-0.5	-2.8	-2.6	2.0	1.1
Feb	-3.6	3.4	-1.9	5.4	2.5
Mar	-5.2	-2.3	-0.6	6.4	1.6
Apr	-9.3	1.7	-0.6	2.1	1.1
May	-5.9	2.0	-0.7	-2.1	1.2
Jun	-11.0	-0.1	-2.0	2.5	-

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	Creative arts and entertainment activities	Libraries, museums and other cultural activities	Gambling and betting activities	Sports activities and recreation activities	Other service activities
Component	90	91	92	93	S
2016 weights	**5**	**3**	**7**	**4**	**27**

Percentage change, latest month on previous month

	S23N	S23O	S23P	S23Q	S23R
2017 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	3.3	-1.1	-0.6	-2.1	-0.8
Feb	0.9	-2.2	0.2	-3.3	-0.2
Mar	-0.2	4.4	-0.8	0.6	0.4
Apr	0.5	-2.8	-1.1	1.4	-0.3
May	-2.5	0.7	-0.8	1.9	-0.4
Jun	1.6	-0.3	1.3	-0.9	0.1
Jul	1.9	-	1.3	-3.1	-0.3
Aug	-0.7	-1.8	1.0	3.2	0.8
Sep	-2.8	-1.7	-1.2	2.5	-0.5
Oct	1.7	-0.6	-1.0	0.5	1.3
Nov	1.0	4.7	-1.5	0.2	-0.4
Dec	-1.9	-2.6	-0.4	1.7	-1.0
2019 Jan	0.1	-0.3	0.7	-2.5	1.6
Feb	-2.2	4.0	0.9	-	1.1
Mar	-1.8	-1.4	0.4	1.5	-0.4
Apr	-3.9	1.2	-1.1	-2.7	-0.8
May	1.1	1.1	-0.9	-2.3	-0.3
Jun	-3.9	-2.4	-	3.8	-1.1

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

	S2HR	S2HS	S2HT	S2HU	S2HV
2017 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	1.0	0.3	3.0	2.7	-2.2
Feb	2.1	-0.7	3.0	2.2	-2.8
Mar	5.6	0.3	3.0	0.2	-3.3
Apr	7.5	-0.4	2.7	-1.4	-3.5
May	5.4	2.7	2.0	-0.5	-4.4
Jun	4.0	1.8	1.3	0.9	-4.5
Jul	4.2	4.0	1.1	2.2	-4.3
Aug	4.5	2.3	0.9	2.3	-4.0
Sep	4.8	0.8	-	1.9	-3.8
Oct	2.8	-1.9	-1.1	3.0	-3.1
Nov	3.2	-0.5	-2.5	3.7	-1.6
Dec	2.8	-1.2	-3.3	3.5	-0.8
2019 Jan	2.3	-0.8	-3.3	2.8	-
Feb	-0.5	-1.0	-2.7	3.3	0.8
Mar	-3.1	-0.6	-1.7	4.6	1.7
Apr	-6.0	0.9	-1.1	4.6	1.7
May	-6.8	0.4	-0.7	2.1	1.3
Jun	-8.8	1.2	-1.1	0.8	0.7

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IOSCOMP
continued

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

seasonally adjusted 2016 = 100

		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
Component	90	91	92	93	S
2016 weights	**5**	**3**	**7**	**4**	**27**

Percentage change, latest 3 months on previous 3 months

		S2D3	S2D4	S2D5	S2D6	S2D7
2017	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	0.7	-0.4	1.9	-3.0
	Feb	2.3	1.9	-0.8	0.7	-1.7
	Mar	3.0	1.1	-1.0	-1.9	-1.1
	Apr	3.2	0.6	-1.2	-2.8	-0.4
	May	1.0	0.7	-1.9	-0.8	-0.3
	Jun	-0.4	-0.4	-1.7	1.6	-0.3
	Jul	-0.5	-	-0.6	1.4	-0.4
	Aug	1.1	-1.4	1.5	-0.3	-0.2
	Sep	0.7	-1.7	2.1	-0.2	-
	Oct	-0.2	-3.2	1.1	2.6	0.7
	Nov	-1.2	-1.8	-1.3	4.0	0.6
	Dec	-0.5	-0.1	-2.6	4.0	0.6
2019	Jan	-0.1	1.8	-2.7	1.7	0.1
	Feb	-1.4	1.4	-1.0	0.3	0.6
	Mar	-2.9	1.6	0.6	-0.8	1.4
	Apr	-5.2	2.3	1.1	-1.0	1.3
	May	-5.4	2.2	0.2	-1.9	0.2
	Jun	-6.3	1.4	-1.2	-2.0	-1.2

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IOSCOMP
continued

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

seasonally adjusted 2016 = 100

	Activities of membership organisations	Repair of computers and household goods	Other personal service activities	Activities of households as employers	Activities of households as employers
Component	94	95	96	T	97
2016 weights	**11**	**2**	**13**	**5**	**5**
	S2MM	S2MN	S2MO	S2MP	S2MQ
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
2018	93.5	117.1	104.5	94.2	94.2
2017 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	92.2	114.6	106.1	91.3	91.3
Feb	93.3	114.6	104.9	92.8	92.8
Mar	93.2	116.7	105.4	96.4	96.4
Apr	92.5	117.9	105.2	95.9	95.9
May	92.1	117.0	104.9	95.0	95.0
Jun	92.9	115.6	104.8	95.0	95.0
Jul	94.2	113.6	103.5	95.3	95.3
Aug	95.1	115.7	104.0	95.1	95.1
Sep	95.1	116.7	102.8	93.9	93.9
Oct	94.4	119.8	105.3	92.8	92.8
Nov	93.7	122.5	104.5	93.3	93.3
Dec	93.4	121.1	103.0	93.7	93.7
2019 Jan	94.3	124.4	105.0	94.0	94.0
Feb	94.9	123.6	106.9	94.1	94.1
Mar	94.7	118.9	107.0	92.7	92.7
Apr	94.1	121.9	105.3	94.1	94.1
May	93.7	119.4	105.6	93.6	93.6
Jun	93.9	115.3	104.0	92.7	92.7

Percentage change, latest year on previous year

	S23S	S23T	S23U	S23V	S23W
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
2018	-1.7	2.9	-5.3	1.6	1.6

Percentage change, latest month on same month a year ago

	S28I	S28J	S28K	S28L	S28M
2017 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	4.5	-4.6	3.0	3.0
Feb	-3.2	9.2	-4.1	3.7	3.7
Mar	-2.9	-0.1	-4.7	7.3	7.3
Apr	-3.6	8.0	-7.2	5.2	5.2
May	-4.4	2.1	-7.2	2.0	2.0
Jun	-3.8	3.0	-5.3	-2.6	-2.6
Jul	-3.2	-0.9	-4.5	-3.8	-3.8
Aug	-1.8	-1.6	-6.9	-3.0	-3.0
Sep	0.3	-0.1	-6.8	-2.2	-2.2
Oct	2.3	1.9	-4.3	0.8	0.8
Nov	3.2	7.5	-3.4	5.5	5.5
Dec	2.5	2.9	-4.7	4.4	4.4
2019 Jan	2.2	8.5	-1.1	3.0	3.0
Feb	1.7	7.9	2.0	1.4	1.4
Mar	1.7	1.8	1.5	-3.8	-3.8
Apr	1.8	3.4	0.1	-1.9	-1.9
May	1.7	2.1	0.7	-1.4	-1.4
Jun	1.1	-0.3	-0.8	-2.4	-2.4

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IOSCOMP

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

continued

seasonally adjusted 2016 = 100

	Activities of membership organisations	Repair of computers and household goods	Other personal service activities	Activities of households as employers	Activities of households as employers
Component	94	95	96	T	97
2016 weights	**11**	**2**	**13**	**5**	**5**

Percentage change, latest month on previous month

	S23S	S23T	S23U	S23V	S23W
2017 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	1.2	-2.6	-1.9	1.7	1.7
Feb	1.1	-	-1.2	1.7	1.7
Mar	-0.1	1.9	0.5	3.9	3.9
Apr	-0.8	1.0	-0.1	-0.5	-0.5
May	-0.3	-0.8	-0.3	-0.9	-0.9
Jun	0.8	-1.1	-0.1	-	-
Jul	1.4	-1.8	-1.3	0.3	0.3
Aug	1.0	1.8	0.4	-0.2	-0.2
Sep	-	0.9	-1.2	-1.2	-1.2
Oct	-0.7	2.6	2.5	-1.2	-1.2
Nov	-0.8	2.3	-0.8	0.6	0.6
Dec	-0.3	-1.2	-1.4	0.4	0.4
2019 Jan	0.9	2.7	1.9	0.3	0.3
Feb	0.6	-0.7	1.9	0.1	0.1
Mar	-0.1	-3.8	-	-1.4	-1.4
Apr	-0.6	2.5	-1.5	1.4	1.4
May	-0.5	-2.0	0.3	-0.5	-0.5
Jun	0.2	-3.5	-1.5	-1.0	-1.0

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

	S2HW	S2HX	S2HY	S2HZ	S2I2
2017 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	8.7	-1.1	0.9	0.9
Feb	-5.0	7.4	-3.2	3.2	3.2
Mar	-3.6	4.4	-4.4	4.7	4.7
Apr	-3.2	5.5	-5.3	5.4	5.4
May	-3.6	3.2	-6.4	4.8	4.8
Jun	-3.9	4.3	-6.6	1.4	1.4
Jul	-3.8	1.4	-5.7	-1.5	-1.5
Aug	-2.9	0.2	-5.5	-3.1	-3.1
Sep	-1.6	-0.9	-6.0	-3.0	-3.0
Oct	0.2	0.1	-6.0	-1.5	-1.5
Nov	1.9	3.0	-4.8	1.3	1.3
Dec	2.7	4.1	-4.2	3.5	3.5
2019 Jan	2.6	6.3	-3.1	4.3	4.3
Feb	2.1	6.4	-1.3	2.9	2.9
Mar	1.8	6.1	0.8	0.1	0.1
Apr	1.7	4.3	1.2	-1.5	-1.5
May	1.7	2.5	0.7	-2.4	-2.4
Jun	1.5	1.7	-	-1.9	-1.9

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seasonally adjusted 2016 = 100

	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
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
2017	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	-1.6	-2.9	-5.8	-5.8
	Feb	-0.4	-0.4	-2.8	-1.0	-1.0
	Mar	1.7	-0.9	-3.0	3.8	3.8
	Apr	1.7	0.9	-2.1	5.8	5.8
	May	0.4	1.4	-1.1	4.9	4.9
	Jun	-0.4	1.3	-0.4	1.9	1.9
	Jul	0.1	-0.9	-0.7	0.1	0.1
	Aug	1.6	-1.9	-1.0	-0.7	-0.7
	Sep	2.5	-1.3	-1.5	-0.6	-0.6
	Oct	1.9	1.7	-0.4	-1.2	-1.2
	Nov	0.4	4.1	0.1	-1.9	-1.9
	Dec	-1.0	5.1	0.8	-1.6	-1.6
2019	Jan	-1.1	4.5	0.1	-0.3	-0.3
	Feb	-0.2	2.8	0.8	0.6	0.6
	Mar	0.8	1.0	2.0	0.3	0.3
	Apr	0.9	-1.0	2.2	-0.1	-0.1
	May	-	-2.4	1.0	-0.5	-0.5
	Jun	-0.8	-2.8	-1.2	-0.2	-0.2

1 Indices reflect values measured at basic prices, which exclude "taxes less subsidies on products".
2 Estimates cannot be regarded as accurate to the last digit shown.
3 Any apparent inconsistencies between the index numbers and the percentage changes shown in these tables are due to rounding.
4 A complete run of data is available on the ONS website as a Time series dataset

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