Office for National Statistics

Statistical bulletin

Index of Services, UK: October 2018

Monthly movements in output for the services industries.

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10 December 2018

Next release:
11 January 2019

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1 . Main points

- In the three months to October 2018, services output increased by 0.3% compared with the three months ending July 2018.
- The information and communication, and professional, scientific and technical activities sectors were responsible for this growth.
- The Index of Services increased by 0.2% between September 2018 and October 2018.
- The professional, scientific and technical activities sector made the largest contribution to the month-on-month growth, contributing 0.11 percentage points.
- In the three months to October 2018, services output increased by 1.7% compared with the three months ending October 2017.

2 . Things you need to know about this release

The monthly Index of Services (IoS) provides a timely indicator of growth in the output of the services industries. It is the largest contributor to the output approach to the measurement of gross domestic product (GDP), accounting for 79.6% of UK GDP in 2016. Also published today (10 December 2018) is the GDP monthly estimate, UK: October 2018.

This October 2018 release contains no revisions and is consistent with the National Accounts Revisions Policy. Further to this release, the Quarterly national accounts published on 21 December 2018 will include revised services data from January 2017 to September 2018. This revised data will also include Value Added Tax (VAT) data for the first time in Quarter 2 (Apr to June) 2018.

We have introduced improvements to some of our import price deflators within this release. The improvements incorporate some of the sample work we have been carrying out on the Import Price Index (IPI) first announced in 2016. We have completed the first stage of work to increase the number of underlying low level price series that contribute to our deflators, thereby improving the representativeness of price movements. Work to estimate the impact of these improvements has demonstrated these deliver negligible revisions to our chained volume measures, with no revisions to one decimal place when these will be published as part of Quarterly National Accounts later this month. These changes form part of long-term ongoing work to improve deflators and we plan to complete further improvements in time for Blue Book 2019.

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

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

The IoS is an important economic indicator and one of the earliest short-term measures of economic activity. It is used in the compilation of the national accounts and widely used by private and public sector institutions, particularly by the Bank of England and Her Majesty's Treasury to assist in informed decision- and policy-making.

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

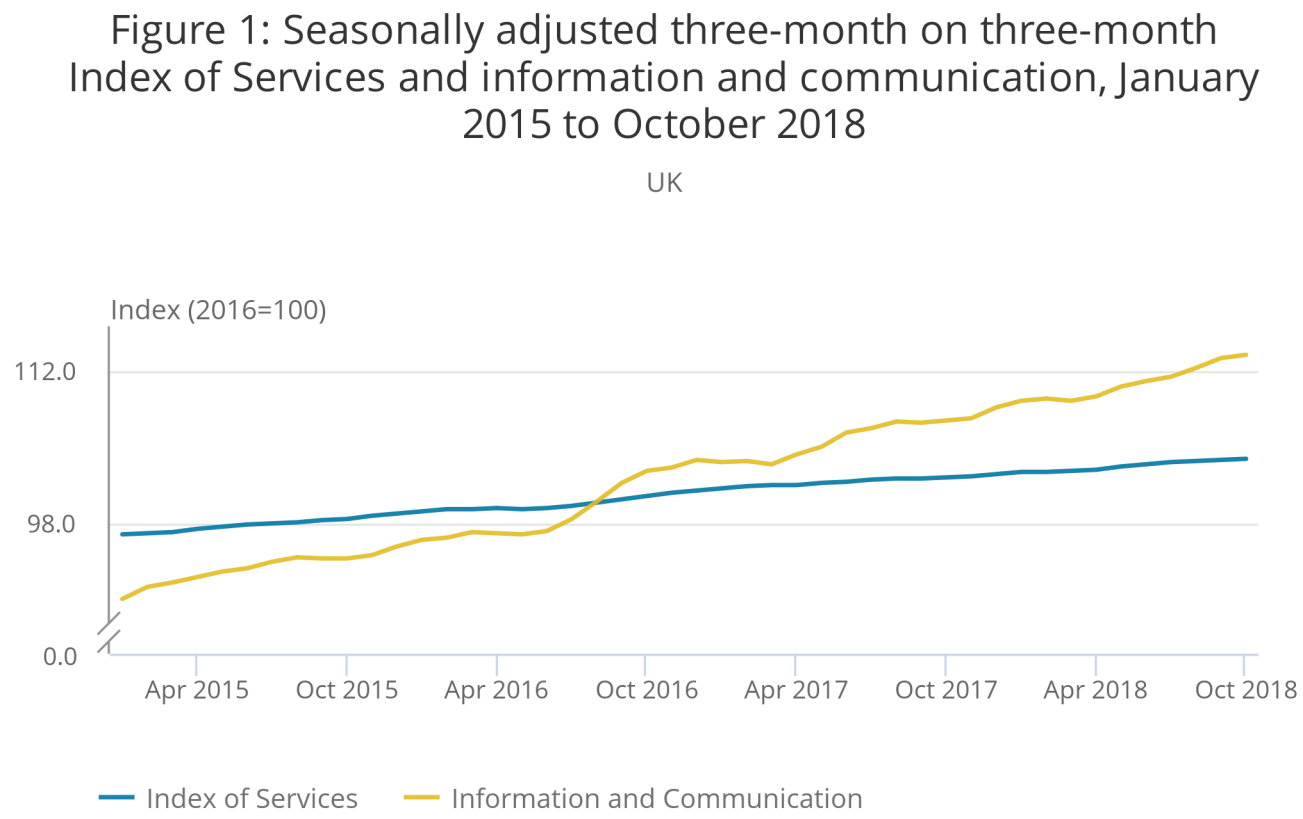
3 . Three-month on three-month services growth

In the three months to October 2018, services output increased by 0.3% compared with the three months ending July 2018; the lowest since the three months to April 2018.

Figure 1 shows the three-month on three-month Index of Services (IoS) and the information and communication seasonally adjusted index from January 2015 to October 2018.

Figure 1: Seasonally adjusted three-month on three-month Index of Services and information and communication, January 2015 to October 2018

UK



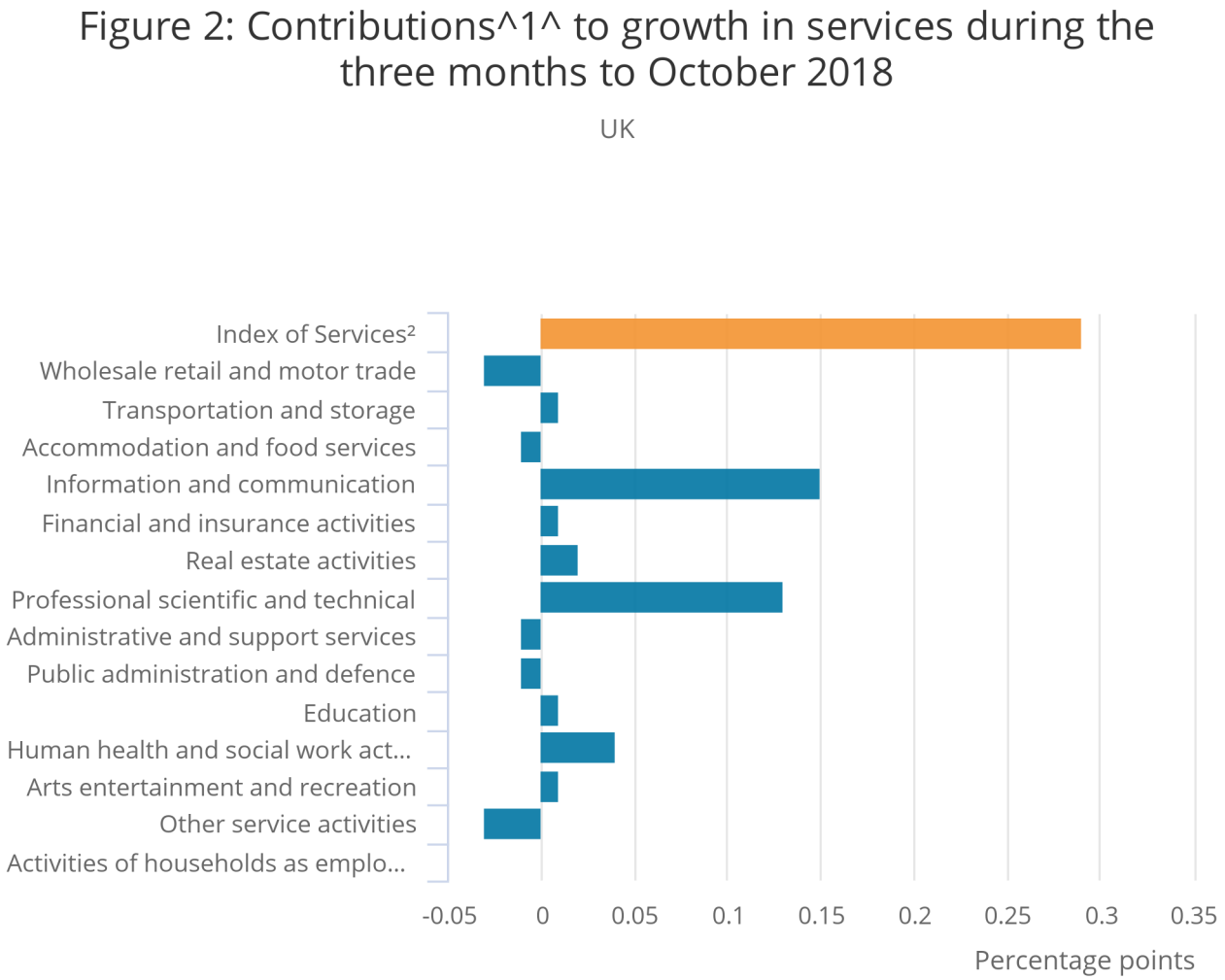
Source: Office for National Statistics, Index of Services

The information and communication sector was the largest contributor to growth in the three months to October 2018. It increased by 1.7% and contributed 0.15 percentage points.

Growth in this sector has outperformed total Index of Services (IoS) for much of the period since January 2015. The sector has only seen one decrease over this period, falling in March 2017. Figure 2 shows the three-month on three-month contribution of the information and communication sector along with the other IoS sectors for October 2018.

Figure 2: Contributions[1] to growth in services during the three months to October 2018

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Source: Office for National Statistics, Index of Services

Notes:

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

2. Percentage change.

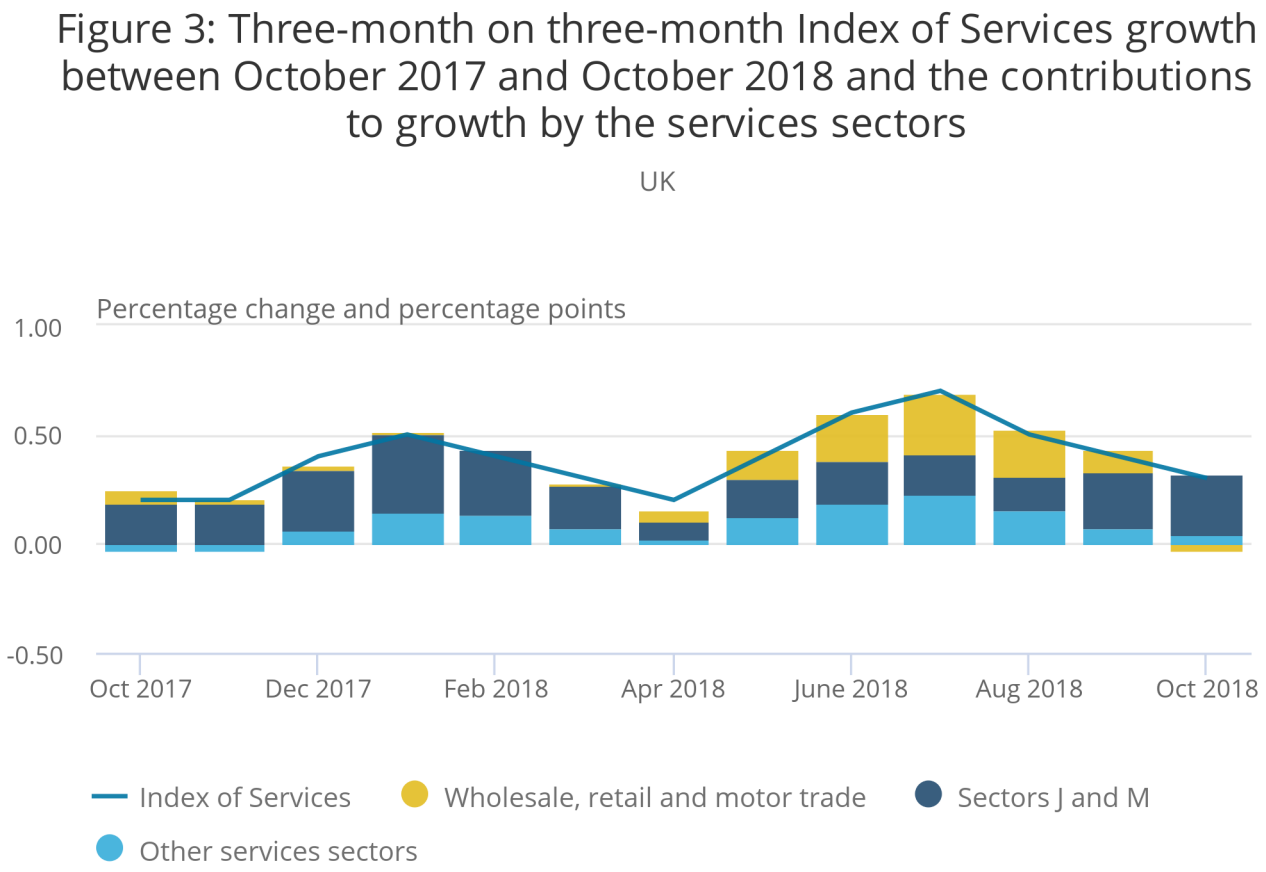
Within the information and communication sector, the computer programming industry contributed the most, increasing by 2.6% and contributing 0.09 percentage points. Large programming businesses were the main reason for this three-month on three-month rise.

Professional, scientific and technical activities was the other sector behind the services growth in the three months to October 2018. This increased by 1.3% and contributed 0.13 percentage points. Within this sector, the accounting and auditing activities industry contributed the most and was also the largest contributing industry to the three-month on three-month services growth. This industry's growth has strengthened in each consecutive month since the three months to April 2018 and is driven by the largest businesses within the industry.

Figure 3 shows the contribution to growth from the wholesale, retail and motor trade sector along with information and communication (Sector J), and professional, scientific and technical activities (Sector M) from October 2017. Sectors J and M combined were responsible for nearly all the growth in the latest three months.

Figure 3: Three-month on three-month Index of Services growth between October 2017 and October 2018 and the contributions to growth by the services sectors

UK



Source: Office for National Statistics, Index of Services

Notes:

1. Individual contributions by the sectors may not sum to total Index of Services growth rate due to rounding.
2. Sector J – Information and communication.
3. Sector M – Professional, scientific and technical activities.

The information and communication, and professional, scientific and technical activities sectors together have contributed consistent contributions to positive Index of Services (IoS) growth since the three months to October 2017.

In comparison, the wholesale, retail and motor trade sector has been less consistent. There was little contribution from October 2017 to April 2018. The sector then saw strong contributions over the summer months due mainly to the retail trade industry. This also resulted in higher services growths; the 0.7% IoS growth in the three months to July 2018 was the highest since the three months to January 2017. It grew by 6.1% and contributed 0.10 percentage points. However, the sector has now seen a fall in the latest three months, decreasing by 0.2% and contributing negative 0.03 percentage points.

The motor trade industry was responsible for the fall in the wholesale, retail and motor trade sector. This industry made the largest negative contribution to overall three-month on three-month growth, decreasing by 2.2% and contributing negative 0.05 percentage points.

Motor trade businesses reported a significant impact over the latest three months due to the worldwide harmonised light vehicle test procedure (WLTP). This was applied to all new car registrations starting from September 2018. These tests are part of new regulations that are used to measure fuel consumption and CO2 emissions from passenger cars, as well as their pollutant emissions.

These changes impacted the sale of new cars component within the motor trade industry, with businesses reporting that testing affected supply. This resulted in a large decrease for the industry in September 2018 as there were fewer models available to sell. The industry still saw a rise in monthly turnover, which is traditional for September due to the new car registrations, however, the industry saw a fall in turnover when compared with September 2017. Businesses have also reported that as the WLTP created delivery backlogs in September 2018, this stock has come through later resulting in some displaced activity to October 2018. October still saw a fall in monthly turnover which is normal, however, this was less of a fall than previous years.

The Monthly Business Survey turnover in services industries dataset is published alongside this release. The impact from the introduction of the WLTP was also reported in the Society of Motor Manufacturers and Traders (SMMT) September 2018 publication, which measures the new car market. In January 2019, we intend to publish a blog exploring recent developments in the motor trade and motor vehicles production industries.

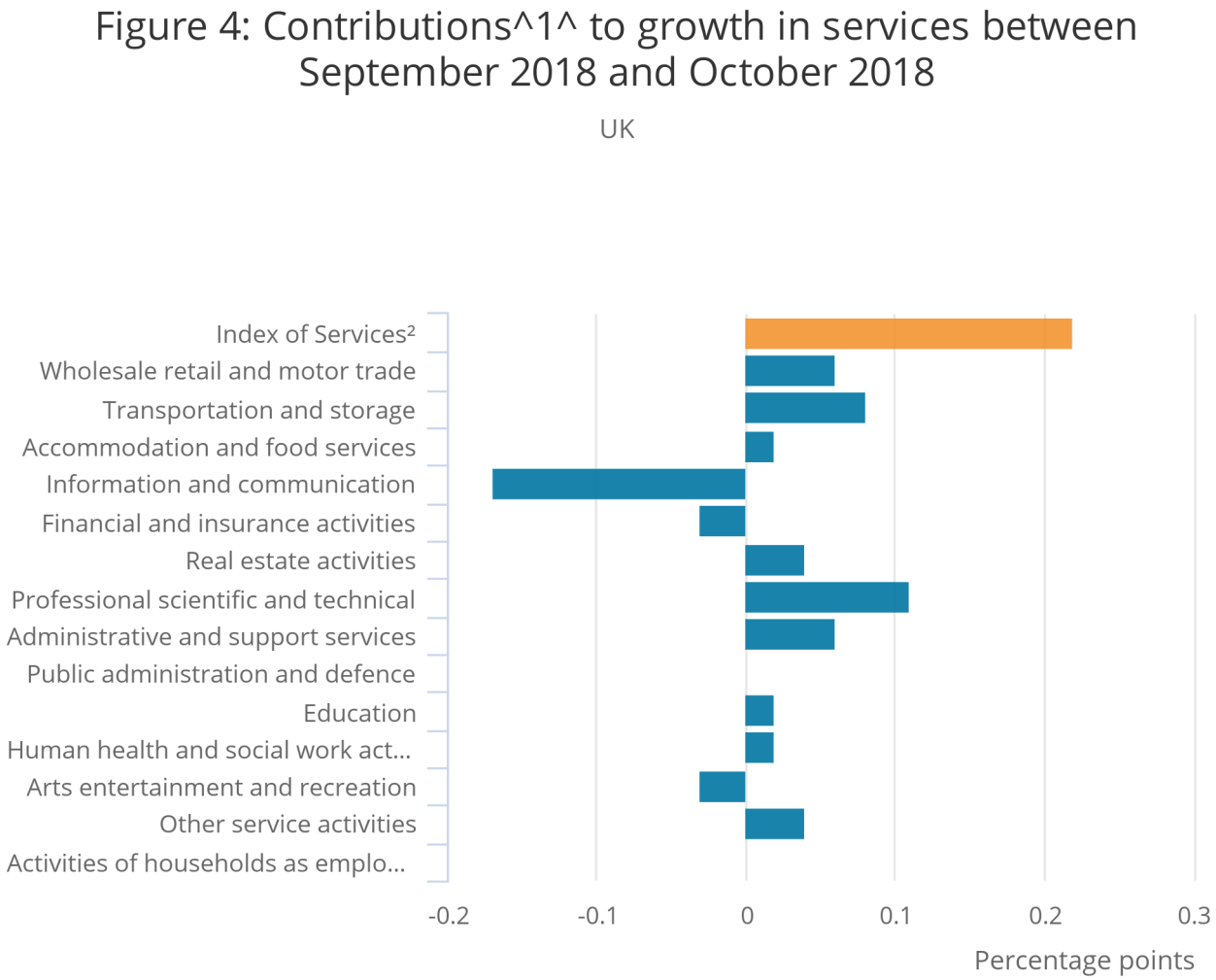
4 . Month-on-month services growth

Services output increased by 0.2% in October 2018, following a decrease of 0.1% in September 2018.

Figure 4 shows the month-on-month contributions of each of the Index of Services sectors for October 2018.

Figure 4: Contributions[1] to growth in services between September 2018 and October 2018

UK



Source: Office for National Statistics, Index of Services

Notes:

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

2. Percentage change.

There was widespread growth at sector level in October 2018, with increases in 10 of the 14 sectors, while there were falls in three sectors and one sector showed no growth.

The professional, scientific and technical activities sector contributed the most to the monthly increase. It grew by 1.1% and contributed 0.11 percentage points. The accounting and auditing activities industry was the industry largely responsible for this rise after seeing growth for the fourth consecutive month. It increased by 3.6%, contributing 0.06 percentage points. The largest businesses within this industry continued to be behind this growth.

Across the rest of the sectors, the other notable industry rises contributing to the 0.2% services growth were:

- motor trade, which increased by 2.6%, contributing 0.06 percentage points
- office admin, which increased by 3.0%, contributing 0.05 percentage points
- wholesale trade, which increased by 0.8%, contributing 0.04 percentage points

There was continued impact due to the worldwide harmonised light vehicle test procedure (WLTP) in the motor trade industry (see Section 3 for more information).

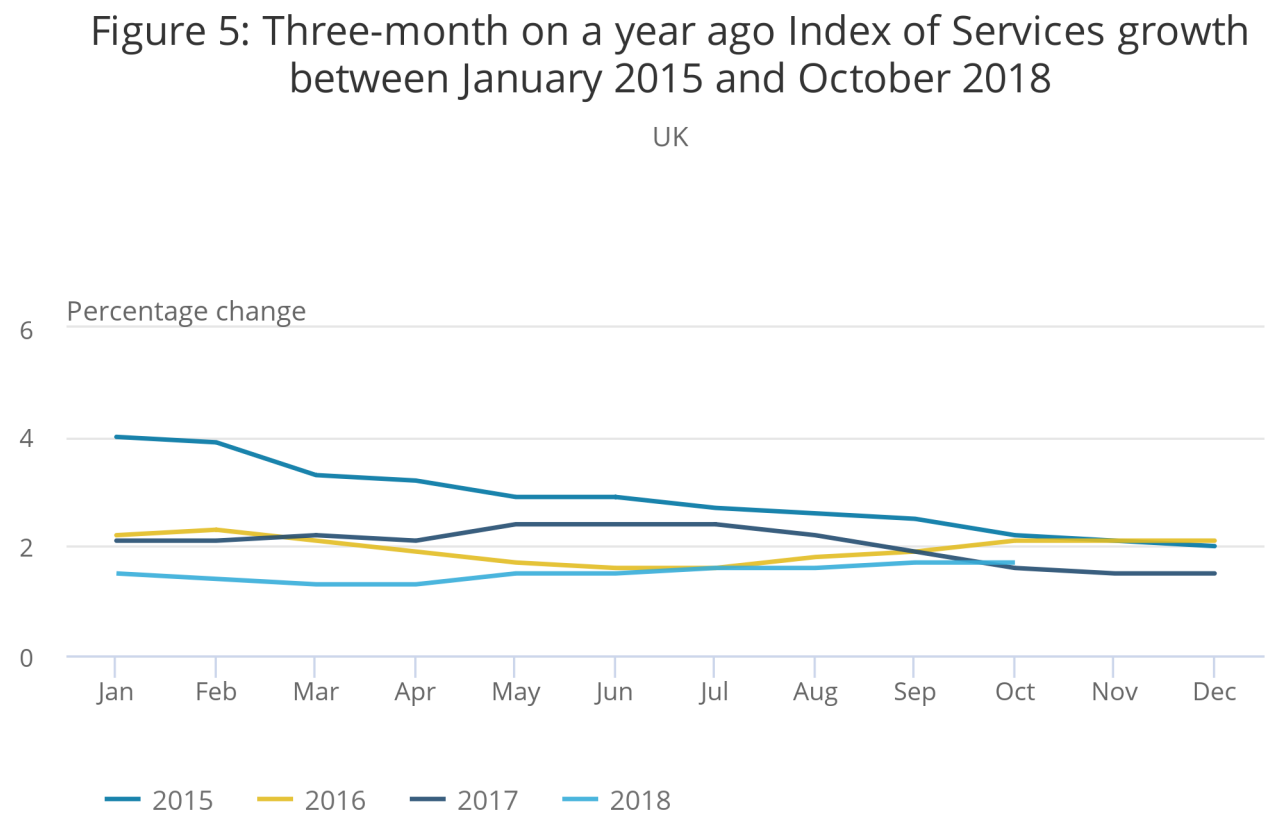
Partially offsetting these growths was a large sector decrease in information and communication. This sector decreased by 1.9% and contributed negative 0.17 percentage points. Within this sector, the motion pictures industry was the main reason behind this, falling back after a strong September 2018. It saw a decrease of 6.9% and contributed negative 0.08 percentage points.

5 . Three month on a year ago services growth

Figure 5 shows the three month on a year ago Index of Services (IoS) growth rates for each year since 2015.

Figure 5: Three-month on a year ago Index of Services growth between January 2015 and October 2018

UK



Source: Office for National Statistics, Index of Services

Notes:

1. Rolling 3 Month (%).

In the three months to October 2018, services output increased by 1.7% compared with the three months ending October 2017. This is the largest growth since the three months to September 2017, which grew by 1.9%.

The three month on a year growth has strengthened in 2018, since the 1.3% growth in the three months to April 2018. This is also the first time this year that the three month on a year ago growth has surpassed the equivalent month in 2017.

6 . Links to related statistics

Alongside this publication we publish the Index of Production (IoP) and Construction output in Great Britain, allowing for an estimate of monthly gross domestic product (GDP), which is also published today (10 December 2018)

International comparisons

International comparison with the Index of Services (IoS) is difficult, as most comparable economies do not produce equivalent estimates. Eurostat turnover in services estimates are not comparable with the IoS, as they exclude the wholesale and retail trade; furthermore, most of the estimates are only available quarterly. The US Bureau of Economic Analysis also produces services output estimates, but only on a quarterly basis, with a four-month lag time. Japan has a direct equivalent of the IoS, but the estimates are not seasonally adjusted. The closest equivalent estimates are from Canada, which produces a monthly output estimate of GDP with a breakdown by industry (including an aggregate for services). There are also comparable quarterly estimates from Sweden and Ireland.

7 . Upcoming changes

In January 2019 we intend to publish a blog exploring recent developments in the motor trade and motor vehicles production industries.

8 . Feedback on this bulletin

We welcome your feedback on this bulletin via our short survey.

9 . Quality and methodology

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

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

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

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

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

	Percentage
Index of Services	**100.0**
Monthly Business Survey[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, Index of Services

Notes:

1. The Monthly Business Survey (MBS) data is published alongside this release in MBS Turnover in services industries.
2. Data relating to the retail industry are broadly comparable with Retail sales, Great Britain: October 2018, published on 15 November 2018.
3. For further information on what's included within Other, please see GDP(O) source catalogue.

This October 2018 release contains no revisions and is consistent with the National Accounts Revisions Policy. Revisions can be made for a variety of reasons. The most common include:

- late responses to surveys and administrative sources
- forecasts being replaced by actual data
- revisions to seasonal adjustment factors, which are re-estimated every month and reviewed annually
- Her Majesty's Revenue and Customs (HMRC) VAT returns replacing MBS data for small- and medium-sized businesses when VAT estimates become available every quarter

Published alongside this release, the Index of Services datasets contain additional material, including:

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

The Index of Services Quality and Methodology Information report contains important information on:

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

IOS1

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**
		S2KU	S2MV	KI7B	KI7L	KI7T
2013		92.6	88.3	90.4	92.2	97.0
2014		95.5	92.2	92.9	95.5	99.1
2015		98.1	96.3	96.7	98.0	100.0
2016		100.0	100.0	100.0	100.0	100.0
2017		102.0	102.1	104.6	102.1	100.4
2016	Oct	100.8	101.9	102.6	100.5	99.7
	Nov	100.9	101.8	102.0	100.9	99.9
	Dec	101.3	102.0	103.8	101.0	100.3
2017	Jan	101.4	101.2	102.7	101.6	100.5
	Feb	101.4	101.8	102.8	101.4	100.3
	Mar	101.6	101.8	103.8	101.6	100.4
	Apr	101.6	101.9	104.0	101.2	100.7
	May	101.8	101.6	103.9	102.0	100.7
	Jun	102.1	102.2	105.0	102.2	100.5
	Jul	102.0	102.4	104.6	102.1	100.4
	Aug	102.2	102.4	105.0	102.4	100.6
	Sep	102.1	102.0	105.3	102.4	100.3
	Oct	102.2	102.2	105.3	102.5	100.4
	Nov	102.5	102.9	105.8	103.0	100.1
	Dec	102.7	102.2	107.5	103.0	100.3
2018	Jan	102.9	102.8	106.5	103.5	100.3
	Feb	102.6	102.9	105.5	103.1	100.3
	Mar	102.8	102.4	106.5	103.3	100.7
	Apr	103.2	103.3	107.0	103.6	100.9
	May	103.5	104.9	107.6	103.4	100.8
	Jun	103.5	104.8	108.5	103.2	100.8
	Jul	103.8	105.7	108.5	103.7	100.6
	Aug	103.9	105.6	109.3	103.6	100.7
	Sep	103.8	104.2	109.9	103.7	100.8
	Oct	104.0	104.7	109.2	104.1	101.0
Percentage change, latest year on previous year						
		S222	S243	KI77	KI7G	KI7O
2013		1.8	3.4	1.8	2.4	0.2
2014		3.2	4.4	2.8	3.5	2.2
2015		2.7	4.5	4.1	2.6	0.9
2016		1.9	3.8	3.4	2.1	-
2017		2.0	2.1	4.6	2.1	0.4
Percentage change, latest month on same month a year ago						
		S26Q	S28R	KI7A	KI7I	KI7Q
2016	Oct	2.2	4.9	5.3	1.8	-0.4
	Nov	2.0	4.7	3.9	2.2	-0.7
	Dec	2.1	3.6	6.7	1.8	-0.4
2017	Jan	2.2	2.5	4.6	2.6	0.3
	Feb	1.8	3.1	4.7	1.7	-0.2
	Mar	2.4	3.0	6.4	2.4	0.4
	Apr	2.2	3.2	6.0	1.4	0.9
	May	2.4	2.1	6.2	2.6	0.7
	Jun	2.6	2.9	6.6	2.5	0.5
	Jul	2.2	3.3	4.8	2.1	0.3
	Aug	2.0	2.2	3.8	2.1	0.8
	Sep	1.5	0.8	3.2	1.8	0.7
	Oct	1.4	0.3	2.6	2.0	0.6
	Nov	1.6	1.0	3.7	2.1	0.2
	Dec	1.4	0.3	3.5	2.1	-
2018	Jan	1.5	1.6	3.7	1.9	-0.2
	Feb	1.2	1.0	2.6	1.6	-
	Mar	1.2	0.6	2.5	1.6	0.3
	Apr	1.6	1.4	2.9	2.3	0.2
	May	1.6	3.2	3.6	1.4	0.1
	Jun	1.4	2.5	3.3	1.0	0.3
	Jul	1.8	3.2	3.8	1.6	0.2
	Aug	1.6	3.1	4.1	1.2	0.1
	Sep	1.6	2.2	4.4	1.2	0.5
	Oct	1.8	2.4	3.7	1.6	0.6

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

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

IOS1

IOS: Index of Services [1]

Chained volume indices of gross value added [2,3,4]

seasonally adjusted 2016 = 100

continued

	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
2016 Oct	0.2	0.7	0.6	-0.1	0.1
Nov	0.1	-	-0.6	0.4	0.2
Dec	0.4	0.1	1.7	0.1	0.4
2017 Jan	-	-0.8	-1.0	0.6	0.2
Feb	-	0.7	-	-0.2	-0.2
Mar	0.3	-	1.0	0.2	0.1
Apr	-0.1	0.1	0.1	-0.4	0.2
May	0.2	-0.3	-0.1	0.8	-
Jun	0.3	0.6	1.0	0.2	-0.1
Jul	-0.1	0.2	-0.4	-0.1	-0.1
Aug	0.2	-	0.4	0.2	0.2
Sep	-0.1	-0.4	0.3	0.1	-0.3
Oct	0.1	0.2	0.1	-	-
Nov	0.3	0.7	0.4	0.5	-0.3
Dec	0.2	-0.6	1.6	0.1	0.2
2018 Jan	0.2	0.5	-0.9	0.5	0.1
Feb	-0.3	0.1	-1.0	-0.5	-
Mar	0.2	-0.5	1.0	0.2	0.4
Apr	0.4	0.9	0.5	0.3	0.2
May	0.2	1.5	0.6	-0.2	-0.1
Jun	-	-0.1	0.8	-0.2	-
Jul	0.3	0.9	-	0.5	-0.1
Aug	-	-	0.7	-0.1	-
Sep	-0.1	-1.3	0.5	0.1	0.2
Oct	0.2	0.5	-0.6	0.4	0.2
Percentage change, latest 3 months on same 3 months a year ago					
	S2G6	S2I7	KI7C	KI7J	KI7R
2016 Oct	2.1	4.5	5.0	2.0	-0.5
Nov	2.1	4.6	5.2	2.0	-0.6
Dec	2.1	4.4	5.3	1.9	-0.5
2017 Jan	2.1	3.6	5.1	2.2	-0.3
Feb	2.1	3.1	5.3	2.0	-0.1
Mar	2.2	2.9	5.2	2.2	0.2
Apr	2.1	3.1	5.7	1.8	0.4
May	2.4	2.8	6.2	2.1	0.6
Jun	2.4	2.7	6.2	2.2	0.7
Jul	2.4	2.8	5.8	2.4	0.5
Aug	2.2	2.8	5.0	2.3	0.5
Sep	1.9	2.1	3.9	2.0	0.6
Oct	1.6	1.1	3.2	2.0	0.7
Nov	1.5	0.7	3.2	1.9	0.5
Dec	1.5	0.5	3.3	2.0	0.3
2018 Jan	1.5	1.0	3.6	2.0	-
Feb	1.4	1.0	3.3	1.9	-0.1
Mar	1.3	1.1	2.9	1.7	-
Apr	1.3	1.0	2.7	1.9	0.1
May	1.5	1.7	3.0	1.8	0.2
Jun	1.5	2.3	3.3	1.6	0.2
Jul	1.6	3.0	3.6	1.3	0.2
Aug	1.6	2.9	3.7	1.2	0.2
Sep	1.7	2.8	4.1	1.3	0.3
Oct	1.7	2.6	4.1	1.3	0.4

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Chained volume indices of gross value added [2,3,4]

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continued

		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
2016	Oct	1.0	1.8	3.2	0.7	-0.3
	Nov	0.9	2.1	2.4	0.7	-0.2
	Dec	0.8	1.7	1.8	0.5	0.1
2017	Jan	0.7	0.6	0.9	0.7	0.5
	Feb	0.6	-	0.9	0.7	0.7
	Mar	0.4	-0.3	0.3	0.8	0.5
	Apr	0.3	0.2	0.7	0.3	0.2
	May	0.3	0.1	0.8	0.3	0.2
	Jun	0.4	0.3	1.1	0.2	0.2
	Jul	0.5	0.2	0.9	0.7	0.1
	Aug	0.4	0.5	0.9	0.6	-0.1
	Sep	0.3	0.3	0.6	0.5	-0.2
	Oct	0.2	0.1	0.7	0.3	-0.1
	Nov	0.2	-	0.6	0.4	-0.3
	Dec	0.4	0.2	1.2	0.5	-0.2
2018	Jan	0.5	0.4	1.4	0.8	-0.2
	Feb	0.4	0.3	1.0	0.6	0.1
	Mar	0.3	0.2	-	0.5	0.2
	Apr	0.2	0.2	-0.3	0.1	0.4
	May	0.4	0.9	0.5	0.2	0.5
	Jun	0.6	1.6	1.5	0.1	0.4
	Jul	0.7	2.2	1.8	0.1	0.1
	Aug	0.5	1.8	1.6	0.1	-0.1
	Sep	0.4	0.8	1.4	0.3	-0.1
	Oct	0.3	-0.2	1.1	0.4	0.1

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

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

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**
	S2KU	S2MV	KI7B	KI7L	KI7T
2013	-	-	-	-	-
2014	-	-	-	-	-
2015	-	-	-	-	-
2016	-	-	-	-	-
2017	-	-	-	-	-
2016 Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2017 Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-	-	-	-	-
May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2018 Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-	-	-	-	-
May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-

Percentage change, latest year on previous year

	S222	S243	KI77	KI7G	KI7O
2013	-	-	-	-	-
2014	-	-	-	-	-
2015	-	-	-	-	-
2016	-	-	-	-	-
2017	-	-	-	-	-

Percentage change, latest month on same month a year ago

	S26Q	S28R	KI7A	KI7I	KI7Q
2016 Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2017 Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-	-	-	-	-
May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2018 Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-	-	-	-	-
May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-

There are no periods open for revision

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RIOS1

IOS: Index of Services

Revisions since previously published estimates

seasonally adjusted 2016 = 100

continued

	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
2016 Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2017 Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-	-	-	-	-
May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2018 Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-	-	-	-	-
May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-
Percentage change, latest 3 months on same 3 months a year ago					
	S2G6	S2I7	KI7C	KI7J	KI7R
2016 Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2017 Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-	-	-	-	-
May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2018 Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-	-	-	-	-
May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-

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RIOS1

IOS: Index of Services

Revisions since previously published estimates

seasonally adjusted 2016 = 100

continued

	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
2016 Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2017 Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-	-	-	-	-
May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2018 Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-	-	-	-	-
May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-

There are no periods open for revision

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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
2013	87.4	76.9	91.6	88.8	94.1
2014	91.7	83.6	96.2	91.9	99.0
2015	95.8	91.5	98.8	95.5	100.3
2016	100.0	100.0	100.0	100.0	100.0
2017	101.9	100.3	102.9	101.8	102.1
2016 Oct	102.1	102.1	101.2	102.6	101.2
Nov	101.9	100.5	102.1	102.2	100.8
Dec	102.0	102.1	104.2	100.7	102.1
2017 Jan	100.9	100.3	101.9	100.5	102.3
Feb	101.3	99.2	102.4	101.3	102.5
Mar	101.6	104.2	101.7	100.6	103.2
Apr	101.6	97.7	102.5	102.4	101.6
May	101.3	100.2	102.2	101.0	102.0
Jun	102.3	101.0	104.2	101.6	100.7
Jul	101.9	101.1	102.8	101.7	101.3
Aug	102.5	101.0	103.0	102.7	101.7
Sep	102.1	100.9	103.1	102.0	101.7
Oct	102.3	99.4	103.5	102.5	102.5
Nov	102.9	99.5	104.0	103.3	102.9
Dec	101.9	99.1	103.2	102.1	103.0
2018 Jan	102.4	100.5	103.6	102.2	102.6
Feb	102.9	99.1	104.9	103.0	101.3
Mar	102.1	97.9	105.0	101.9	101.0
Apr	103.2	98.5	105.2	103.6	102.1
May	104.9	101.1	106.8	105.1	103.0
Jun	104.5	99.1	107.4	104.5	103.5
Jul	105.3	98.1	109.0	105.5	104.0
Aug	105.6	100.6	107.9	106.0	103.6
Sep	104.0	94.3	107.5	105.2	103.0
Oct	104.4	96.8	108.3	104.7	104.6
Percentage change, latest year on previous year					
	S223	S224	S225	S226	S227
2013	5.0	11.0	8.1	1.2	1.1
2014	4.9	8.8	5.1	3.5	5.2
2015	4.5	9.3	2.7	4.0	1.3
2016	4.4	9.3	1.2	4.7	-0.3
2017	1.9	0.3	2.9	1.8	2.1
Percentage change, latest month on same month a year ago					
	S26R	S26S	S26T	S26U	S26V
2016 Oct	6.2	9.6	2.5	7.3	0.6
Nov	5.4	7.3	3.9	5.6	0.7
Dec	4.3	4.7	4.9	3.8	2.0
2017 Jan	2.4	1.7	2.9	2.3	2.7
Feb	2.8	-1.1	4.2	3.2	2.8
Mar	2.9	3.7	3.0	2.5	4.7
Apr	2.6	-2.5	3.3	4.1	2.1
May	1.7	1.3	3.8	0.5	2.7
Jun	3.2	2.0	4.4	2.8	1.2
Jul	2.7	4.7	4.3	0.9	2.2
Aug	2.4	2.0	2.9	2.1	1.6
Sep	1.1	-1.5	2.5	1.2	1.1
Oct	0.2	-2.6	2.3	-0.1	1.3
Nov	1.0	-1.0	1.9	1.1	2.0
Dec	-0.1	-2.9	-1.0	1.4	0.9
2018 Jan	1.4	0.2	1.7	1.7	0.3
Feb	1.6	-0.1	2.4	1.6	-1.1
Mar	0.5	-6.0	3.2	1.3	-2.2
Apr	1.6	0.8	2.6	1.2	0.5
May	3.6	0.9	4.5	4.0	1.0
Jun	2.1	-1.9	3.1	2.9	2.8
Jul	3.3	-2.9	6.1	3.8	2.7
Aug	3.1	-0.4	4.8	3.2	1.8
Sep	1.8	-6.5	4.2	3.2	1.3
Oct	2.1	-2.6	4.7	2.1	2.0

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

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

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

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IOSCOMP

IOS: Index of Services

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

continued

		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 month on previous month						
		S223	S224	S225	S226	S227
2016	Oct	1.0	-0.3	0.6	1.8	0.5
	Nov	-0.2	-1.6	0.9	-0.4	-0.3
	Dec	0.2	1.6	2.1	-1.5	1.2
2017	Jan	-1.1	-1.8	-2.3	-0.2	0.3
	Feb	0.4	-1.1	0.5	0.8	0.2
	Mar	0.3	5.0	-0.6	-0.7	0.7
	Apr	-	-6.2	0.8	1.8	-1.6
	May	-0.3	2.5	-0.3	-1.3	0.5
	Jun	1.1	0.8	2.0	0.6	-1.3
	Jul	-0.4	0.1	-1.4	0.1	0.6
	Aug	0.5	-0.1	0.2	1.0	0.4
	Sep	-0.3	-0.1	0.1	-0.7	-0.1
	Oct	0.1	-1.4	0.4	0.5	0.8
	Nov	0.6	0.1	0.5	0.8	0.4
	Dec	-0.9	-0.4	-0.8	-1.2	0.1
2018	Jan	0.4	1.4	0.4	0.1	-0.3
	Feb	0.5	-1.3	1.2	0.8	-1.3
	Mar	-0.7	-1.3	0.1	-1.1	-0.3
	Apr	1.0	0.6	0.2	1.7	1.1
	May	1.7	2.7	1.5	1.4	0.9
	Jun	-0.4	-2.0	0.6	-0.5	0.5
	Jul	0.8	-0.9	1.5	0.9	0.5
	Aug	0.3	2.5	-1.1	0.4	-0.4
	Sep	-1.6	-6.2	-0.4	-0.7	-0.6
	Oct	0.5	2.6	0.8	-0.5	1.5
Percentage change, latest 3 months on same 3 months a year ago						
		S2G7	S2G8	S2G9	S2GA	S2GB
2016	Oct	5.3	9.6	1.9	5.8	0.1
	Nov	5.5	9.1	3.1	5.6	0.4
	Dec	5.3	7.1	3.8	5.5	1.1
2017	Jan	4.0	4.5	3.9	3.9	1.8
	Feb	3.1	1.7	4.0	3.1	2.5
	Mar	2.7	1.4	3.4	2.7	3.4
	Apr	2.8	-	3.5	3.3	3.2
	May	2.4	0.8	3.4	2.3	3.2
	Jun	2.5	0.3	3.9	2.4	2.0
	Jul	2.5	2.7	4.2	1.4	2.1
	Aug	2.7	2.9	3.9	1.9	1.7
	Sep	2.0	1.7	3.2	1.4	1.6
	Oct	1.2	-0.7	2.5	1.1	1.3
	Nov	0.7	-1.7	2.2	0.7	1.5
	Dec	0.3	-2.2	1.0	0.8	1.4
2018	Jan	0.8	-1.3	0.8	1.4	1.1
	Feb	1.0	-1.0	1.0	1.6	-
	Mar	1.2	-2.0	2.4	1.5	-1.0
	Apr	1.2	-1.9	2.8	1.4	-0.9
	May	1.9	-1.5	3.4	2.1	-0.2
	Jun	2.4	-0.1	3.4	2.7	1.4
	Jul	3.0	-1.3	4.6	3.5	2.1
	Aug	2.8	-1.7	4.7	3.3	2.4
	Sep	2.7	-3.3	5.0	3.4	1.9
	Oct	2.3	-3.2	4.6	2.8	1.7

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

IOS: Index of Services

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

seasonally adjusted 2016 = 100

continued

	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
2016 Oct	1.8	3.1	1.8	1.3	1.4
Nov	2.2	3.6	1.9	1.8	1.3
Dec	1.8	2.3	2.8	1.1	1.4
2017 Jan	0.5	-0.2	2.1	-0.2	1.1
Feb	-0.2	-1.1	1.5	-1.0	1.4
Mar	-0.7	-0.3	-0.5	-1.0	1.3
Apr	-0.1	-0.6	-0.5	0.3	0.7
May	-	0.1	-0.7	0.5	-
Jun	0.4	-1.6	1.0	0.8	-1.2
Jul	0.4	0.4	0.9	-	-1.1
Aug	0.8	0.3	1.1	0.7	-1.0
Sep	0.5	1.3	-	0.5	0.1
Oct	0.5	-0.3	0.1	1.0	0.6
Nov	0.2	-1.1	0.2	0.6	1.1
Dec	0.2	-1.6	0.6	0.5	1.2
2018 Jan	0.1	-0.7	0.4	0.1	0.8
Feb	-	-0.4	0.3	-0.2	-
Mar	0.1	-0.2	0.9	-0.3	-1.1
Apr	0.3	-1.2	1.3	0.2	-1.3
May	1.0	-0.4	1.7	1.0	-0.3
Jun	1.7	0.4	1.9	2.0	1.2
Jul	2.1	1.0	2.6	2.2	2.0
Aug	1.7	0.1	2.4	1.8	1.6
Sep	0.8	-1.9	1.6	1.1	0.6
Oct	-0.2	-2.2	0.1	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.
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IOSCOMP

IOS: Index of Services

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

seasonally adjusted 2016 = 100

continued

	Industry components (SIC2007)				
	Rail transport	Land transport, excluding rail transport	Water transport	Air transport	Warehousing and support activities for transportation
Component	49.1-2	49.3-5	50	51	52
2016 weights	**4**	**19**	**4**	**6**	**13**
	S2L2	S2L3	S2L4	S2L5	S2L6
2013	91.5	86.6	130.5	85.8	96.1
2014	97.1	93.2	127.3	90.5	104.0
2015	99.2	97.8	109.7	93.0	104.2
2016	100.0	100.0	100.0	100.0	100.0
2017	101.7	98.4	92.4	105.0	103.1
2016 Oct	100.0	102.4	100.8	101.8	99.3
Nov	100.5	101.4	99.2	99.9	99.7
Dec	101.6	101.8	95.3	100.4	102.6
2017 Jan	102.8	101.4	94.5	102.5	101.9
Feb	103.3	101.0	93.8	105.4	102.2
Mar	102.5	101.0	93.3	106.0	102.8
Apr	101.1	98.9	93.1	105.8	102.7
May	100.2	98.6	93.0	105.8	102.3
Jun	100.5	94.8	92.9	106.1	101.8
Jul	101.4	97.3	92.8	105.8	101.0
Aug	102.2	98.3	92.3	104.4	101.3
Sep	102.3	98.3	91.5	104.4	102.4
Oct	101.8	97.7	91.5	104.2	105.3
Nov	101.2	97.1	90.9	104.9	105.9
Dec	100.8	96.8	89.1	105.2	107.0
2018 Jan	100.7	97.6	88.6	105.3	106.8
Feb	100.8	94.6	88.7	105.1	106.7
Mar	101.1	93.8	89.0	104.5	105.1
Apr	101.5	95.2	89.0	109.5	106.7
May	101.9	95.5	88.9	112.4	108.0
Jun	102.1	95.6	88.6	112.7	110.4
Jul	102.3	97.1	88.7	113.2	110.3
Aug	102.5	97.3	88.7	114.0	108.5
Sep	102.7	96.3	88.4	114.1	107.8
Oct	102.9	97.1	88.1	115.3	110.4
Percentage change, latest year on previous year					
	S228	S229	S22A	S22B	S22C
2013	1.9	1.2	-7.5	3.8	2.6
2014	6.2	7.6	-2.4	5.5	8.2
2015	2.1	5.0	-13.9	2.8	0.3
2016	0.8	2.2	-8.8	7.5	-4.1
2017	1.7	-1.6	-7.6	5.0	3.1
Percentage change, latest month on same month a year ago					
	S26W	S26X	S26Y	S26Z	S272
2016 Oct	0.7	3.9	-4.0	5.9	-3.0
Nov	1.0	1.5	-4.7	3.6	-3.3
Dec	1.7	3.6	-8.0	6.1	2.4
2017 Jan	3.6	2.3	-7.1	5.2	2.2
Feb	3.7	1.7	-7.5	5.5	2.7
Mar	2.7	2.4	-7.5	8.7	4.1
Apr	1.3	-0.4	-7.7	8.1	1.6
May	0.8	-0.2	-7.4	6.5	2.6
Jun	0.9	-5.2	-6.9	6.0	2.5
Jul	1.1	-0.3	-6.7	4.5	-
Aug	1.9	-1.8	-7.5	2.2	0.9
Sep	2.3	-3.4	-8.9	1.8	3.5
Oct	1.8	-4.6	-9.2	2.4	6.1
Nov	0.8	-4.2	-8.4	5.0	6.3
Dec	-0.7	-4.9	-6.5	4.8	4.3
2018 Jan	-2.1	-3.7	-6.2	2.7	4.8
Feb	-2.4	-6.3	-5.4	-0.3	4.4
Mar	-1.3	-7.1	-4.6	-1.4	2.3
Apr	0.4	-3.7	-4.3	3.5	3.9
May	1.7	-3.1	-4.4	6.3	5.5
Jun	1.7	0.8	-4.7	6.2	8.4
Jul	0.9	-0.3	-4.4	7.0	9.2
Aug	0.3	-0.9	-4.0	9.2	7.1
Sep	0.4	-2.0	-3.4	9.3	5.3
Oct	1.0	-0.6	-3.7	10.7	4.8

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IOSCOMP

IOS: Index of Services

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

continued

	Industry components (SIC2007)				
	Rail transport	Land transport, excluding rail transport	Water transport	Air transport	Warehousing and support activities for transportation
Component	49.1-2	49.3-5	50	51	52
2016 weights	**4**	**19**	**4**	**6**	**13**
Percentage change, latest month on previous month					
	S228	S229	S22A	S22B	S22C
2016 Oct	-	0.6	0.3	-0.7	0.4
Nov	0.4	-0.9	-1.5	-1.8	0.4
Dec	1.1	0.4	-4.0	0.5	2.9
2017 Jan	1.2	-0.4	-0.9	2.1	-0.7
Feb	0.4	-0.3	-0.7	2.8	0.3
Mar	-0.8	-	-0.5	0.6	0.5
Apr	-1.3	-2.1	-0.3	-0.2	-0.1
May	-0.9	-0.3	-0.1	-	-0.3
Jun	0.3	-3.9	-	0.4	-0.5
Jul	0.9	2.7	-0.2	-0.3	-0.8
Aug	0.8	1.0	-0.5	-1.3	0.3
Sep	0.1	-	-0.9	-	1.1
Oct	-0.5	-0.6	-	-0.2	2.9
Nov	-0.6	-0.6	-0.6	0.7	0.5
Dec	-0.4	-0.4	-2.0	0.2	1.0
2018 Jan	-0.1	0.9	-0.5	0.1	-0.2
Feb	0.1	-3.0	0.1	-0.2	-0.1
Mar	0.3	-0.9	0.3	-0.5	-1.5
Apr	0.4	1.5	-	4.8	1.5
May	0.4	0.3	-0.2	2.6	1.2
Jun	0.2	0.1	-0.3	0.3	2.2
Jul	0.2	1.5	0.1	0.4	-0.1
Aug	0.2	0.3	-	0.7	-1.6
Sep	0.2	-1.1	-0.3	0.1	-0.7
Oct	0.2	0.8	-0.3	1.1	2.4
Percentage change, latest 3 months on same 3 months a year ago					
	S2GC	S2GD	S2GE	S2GF	S2GG
2016 Oct	0.8	2.8	-5.2	8.2	-3.9
Nov	0.8	2.7	-4.6	6.3	-3.9
Dec	1.1	3.0	-5.6	5.2	-1.4
2017 Jan	2.1	2.5	-6.6	5.0	0.4
Feb	3.0	2.5	-7.5	5.6	2.4
Mar	3.3	2.1	-7.4	6.5	3.0
Apr	2.6	1.2	-7.6	7.4	2.8
May	1.6	0.6	-7.5	7.8	2.8
Jun	1.0	-1.9	-7.3	6.9	2.2
Jul	0.9	-1.9	-7.0	5.7	1.7
Aug	1.3	-2.4	-7.0	4.2	1.1
Sep	1.8	-1.9	-7.7	2.9	1.5
Oct	2.0	-3.3	-8.5	2.1	3.5
Nov	1.6	-4.1	-8.8	3.1	5.3
Dec	0.6	-4.6	-8.0	4.0	5.5
2018 Jan	-0.7	-4.3	-7.0	4.2	5.1
Feb	-1.7	-5.0	-6.1	2.4	4.5
Mar	-1.9	-5.7	-5.4	0.3	3.8
Apr	-1.1	-5.7	-4.8	0.6	3.5
May	0.3	-4.7	-4.5	2.8	3.9
Jun	1.3	-2.0	-4.5	5.3	5.9
Jul	1.4	-0.9	-4.5	6.5	7.7
Aug	1.0	-0.1	-4.3	7.4	8.3
Sep	0.5	-1.1	-3.9	8.5	7.2
Oct	0.6	-1.2	-3.7	9.7	5.7

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IOSCOMP

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

seasonally adjusted 2016 = 100

continued

		Industry components (SIC2007)				
		Rail transport	Land transport, excluding rail transport	Water transport	Air transport	Warehousing and support activities for transportation
Component		49.1-2	49.3-5	50	51	52
2016 weights		**4**	**19**	**4**	**6**	**13**
Percentage change, latest 3 months on previous 3 months						
		S2BM	S2BN	S2BO	S2BP	S2BQ
2016	Oct	0.4	2.7	0.4	1.9	-0.5
	Nov	0.1	2.6	0.5	0.2	-0.9
	Dec	0.5	2.0	-1.5	-1.2	0.4
2017	Jan	1.5	0.1	-4.0	-1.2	1.9
	Feb	2.4	-0.5	-5.6	1.3	3.0
	Mar	2.1	-0.7	-4.6	3.9	1.8
	Apr	0.6	-1.2	-3.1	4.7	1.2
	May	-1.3	-1.9	-1.5	3.0	0.4
	Jun	-2.2	-3.7	-0.9	1.2	-
	Jul	-1.6	-3.4	-0.5	0.2	-0.8
	Aug	0.1	-2.7	-0.5	-0.4	-1.2
	Sep	1.4	0.6	-0.9	-1.0	-0.7
	Oct	1.4	1.2	-1.2	-1.5	1.3
	Nov	0.4	0.9	-1.5	-0.9	3.2
	Dec	-0.7	-0.8	-1.8	-0.1	4.5
2018	Jan	-1.2	-0.9	-2.4	0.8	3.5
	Feb	-1.0	-1.4	-2.7	0.6	2.2
	Mar	-0.4	-1.9	-1.9	0.2	0.1
	Apr	0.2	-2.7	-0.7	1.2	-0.4
	May	0.7	-1.6	0.2	3.5	-0.2
	Jun	1.0	0.1	0.1	6.3	2.0
	Jul	1.0	1.6	-0.2	6.0	3.2
	Aug	0.8	1.9	-0.3	4.1	2.9
	Sep	0.6	1.5	-0.3	2.0	0.5
	Oct	0.6	0.9	-0.4	1.5	-0.6

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IOSCOMP

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

seasonally adjusted 2016 = 100

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**
	S2L7	S2L8	S2L9	S2LA	S2LB
2013	99.2	91.5	84.6	94.2	87.9
2014	98.4	94.0	86.7	96.9	89.0
2015	101.0	98.5	96.6	99.2	94.3
2016	100.0	100.0	100.0	100.0	100.0
2017	112.9	102.7	101.1	103.3	106.4
2016 Oct	101.7	101.0	101.3	100.9	103.6
Nov	103.2	101.7	101.9	101.7	102.9
Dec	107.3	101.7	101.8	101.6	105.0
2017 Jan	109.4	102.1	100.9	102.5	103.0
Feb	108.9	103.8	100.2	105.1	103.0
Mar	113.2	102.5	99.8	103.5	104.3
Apr	108.1	103.3	101.9	103.9	105.7
May	112.9	102.9	100.9	103.7	105.2
Jun	113.4	101.7	99.7	102.5	108.0
Jul	112.8	104.0	103.3	104.3	106.8
Aug	114.1	102.1	99.7	103.0	107.2
Sep	112.1	101.4	99.6	102.0	107.7
Oct	114.3	102.0	101.2	102.2	107.3
Nov	117.4	103.0	101.8	103.5	107.8
Dec	118.1	103.3	103.8	103.1	110.6
2018 Jan	114.6	104.2	103.7	104.4	109.2
Feb	112.8	102.9	102.4	103.0	108.3
Mar	115.1	103.2	105.4	102.3	110.3
Apr	113.0	104.0	103.7	104.1	110.3
May	114.4	104.7	104.8	104.6	110.8
Jun	113.2	105.7	105.5	105.8	111.9
Jul	112.7	106.8	108.0	106.3	111.6
Aug	111.6	105.5	104.7	105.8	113.2
Sep	111.2	105.0	103.9	105.4	114.6
Oct	114.8	105.6	104.0	106.2	112.4
Percentage change, latest year on previous year					
	S22D	S22E	S22F	S22G	S22H
2013	1.5	-2.7	3.2	-4.7	2.3
2014	-0.7	2.7	2.4	2.8	1.3
2015	2.6	4.8	11.4	2.4	6.0
2016	-1.0	1.5	3.6	0.8	6.0
2017	12.9	2.7	1.1	3.3	6.4
Percentage change, latest month on same month a year ago					
	S273	S274	S275	S276	S277
2016 Oct	-1.9	0.2	0.2	0.4	8.5
Nov	6.4	2.0	4.3	1.2	6.3
Dec	0.9	1.0	2.9	0.3	10.0
2017 Jan	7.9	3.0	5.0	2.4	5.9
Feb	9.5	4.4	-1.2	6.5	5.9
Mar	16.2	3.5	-1.0	5.2	7.6
Apr	10.6	5.1	3.1	5.9	8.7
May	13.9	3.5	2.1	4.0	8.5
Jun	16.1	1.7	0.4	2.1	10.3
Jul	16.4	5.8	4.3	6.4	6.5
Aug	15.8	1.6	-1.8	2.8	5.3
Sep	12.6	-	0.3	-0.2	4.6
Oct	12.4	0.9	-0.1	1.3	3.5
Nov	13.8	1.3	-0.1	1.8	4.8
Dec	10.1	1.6	1.9	1.4	5.3
2018 Jan	4.7	2.1	2.7	1.9	5.9
Feb	3.5	-0.9	2.1	-1.9	5.2
Mar	1.7	0.6	5.6	-1.2	5.7
Apr	4.6	0.6	1.8	0.2	4.4
May	1.3	1.7	3.9	0.9	5.3
Jun	-0.2	3.9	5.8	3.2	3.7
Jul	-0.2	2.6	4.6	1.9	4.5
Aug	-2.1	3.3	5.0	2.7	5.6
Sep	-0.8	3.6	4.3	3.3	6.4
Oct	0.5	3.6	2.7	3.9	4.8

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IOSCOMP

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

seasonally adjusted 2016 = 100

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
2016	Oct	2.1	-0.4	2.1	-1.3	0.7
	Nov	1.5	0.7	0.5	0.8	-0.7
	Dec	4.0	-0.1	-	-0.1	2.1
2017	Jan	2.0	0.4	-0.9	0.8	-1.9
	Feb	-0.4	1.7	-0.7	2.5	-0.1
	Mar	3.9	-1.2	-0.5	-1.5	1.2
	Apr	-4.5	0.8	2.1	0.3	1.3
	May	4.5	-0.4	-0.9	-0.2	-0.4
	Jun	0.5	-1.1	-1.2	-1.1	2.6
	Jul	-0.5	2.2	3.6	1.7	-1.1
	Aug	1.1	-1.9	-3.4	-1.3	0.3
	Sep	-1.7	-0.7	-0.1	-0.9	0.5
	Oct	1.9	0.6	1.7	0.2	-0.4
	Nov	2.7	1.0	0.5	1.2	0.5
	Dec	0.6	0.2	2.0	-0.4	2.6
2018	Jan	-3.0	0.9	-0.1	1.3	-1.3
	Feb	-1.6	-1.3	-1.3	-1.3	-0.8
	Mar	2.1	0.3	3.0	-0.7	1.8
	Apr	-1.9	0.8	-1.6	1.7	0.1
	May	1.3	0.7	1.1	0.6	0.4
	Jun	-1.1	1.0	0.6	1.1	1.0
	Jul	-0.5	1.0	2.4	0.5	-0.3
	Aug	-0.9	-1.2	-3.0	-0.5	1.4
	Sep	-0.4	-0.5	-0.8	-0.3	1.2
	Oct	3.2	0.5	0.1	0.7	-1.9
Percentage change, latest 3 months on same 3 months a year ago						
		S2GH	S2GI	S2GJ	S2GK	S2GL
2016	Oct	-2.5	1.7	2.2	1.6	8.4
	Nov	0.8	1.3	1.5	1.3	8.5
	Dec	1.7	1.1	2.5	0.6	8.3
2017	Jan	5.0	2.0	4.1	1.3	7.4
	Feb	6.0	2.8	2.2	3.0	7.3
	Mar	11.1	3.6	0.9	4.7	6.5
	Apr	12.1	4.3	0.3	5.9	7.4
	May	13.6	4.0	1.4	5.0	8.3
	Jun	13.5	3.4	1.9	4.0	9.2
	Jul	15.5	3.6	2.3	4.2	8.4
	Aug	16.1	3.0	0.9	3.8	7.3
	Sep	14.9	2.4	0.9	3.0	5.5
	Oct	13.6	0.8	-0.5	1.3	4.5
	Nov	12.9	0.7	0.1	1.0	4.3
	Dec	12.1	1.3	0.6	1.5	4.5
2018	Jan	9.5	1.7	1.5	1.7	5.3
	Feb	6.1	0.9	2.3	0.4	5.5
	Mar	3.3	0.6	3.5	-0.4	5.6
	Apr	3.2	0.1	3.2	-1.0	5.1
	May	2.5	1.0	3.8	-	5.2
	Jun	1.8	2.1	3.9	1.4	4.5
	Jul	0.3	2.7	4.8	2.0	4.5
	Aug	-0.8	3.3	5.2	2.6	4.6
	Sep	-1.0	3.2	4.6	2.7	5.5
	Oct	-0.8	3.5	4.0	3.3	5.6

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

seasonally adjusted 2016 = 100

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 3 months on previous 3 months						
		S2BR	S2BS	S2BT	S2BU	S2BV
2016	Oct	2.0	1.7	1.7	1.7	4.5
	Nov	3.9	1.8	0.9	2.1	3.2
	Dec	5.8	1.4	1.7	1.3	2.1
2017	Jan	6.7	0.8	0.8	0.8	0.9
	Feb	7.0	1.1	0.2	1.4	0.5
	Mar	6.2	1.3	-1.3	2.3	-0.4
	Apr	3.2	1.4	-0.9	2.2	0.6
	May	2.6	0.4	-0.2	0.6	1.3
	Jun	0.9	-0.1	0.5	-0.3	2.7
	Jul	2.7	-0.3	0.6	-0.6	2.3
	Aug	1.9	-0.3	-	-0.4	2.1
	Sep	1.4	-0.2	-	-0.2	0.9
	Oct	0.4	-1.1	-1.1	-1.0	0.7
	Nov	1.0	-0.5	-	-0.7	0.3
	Dec	3.2	0.2	1.4	-0.2	1.3
2018	Jan	2.8	1.7	2.9	1.2	1.7
	Feb	0.5	1.3	2.4	0.9	1.6
	Mar	-2.1	0.6	1.5	0.3	0.6
	Apr	-2.6	-0.2	0.7	-0.5	0.4
	May	-0.8	0.5	1.3	0.2	1.0
	Jun	-0.5	1.3	0.8	1.5	1.6
	Jul	-0.2	2.3	2.2	2.4	1.6
	Aug	-1.5	2.0	1.4	2.2	1.6
	Sep	-1.5	0.9	0.8	1.0	1.9
	Oct	-0.8	-0.3	-1.8	0.2	1.7

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continued

	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
2013	112.4	71.8	85.8	105.2	77.8
2014	103.3	70.3	86.6	100.2	83.6
2015	97.8	90.9	88.4	104.3	88.2
2016	100.0	100.0	100.0	100.0	100.0
2017	98.5	118.2	101.0	100.6	110.4
2016 Oct	101.3	101.7	102.4	101.9	106.3
Nov	103.5	103.8	103.0	99.7	104.4
Dec	107.4	113.6	105.8	101.6	104.7
2017 Jan	101.5	109.5	99.3	102.0	102.8
Feb	97.8	110.6	99.6	100.0	105.3
Mar	96.6	123.3	97.6	98.4	106.8
Apr	96.7	114.3	100.5	102.7	108.9
May	96.6	118.6	102.5	99.5	108.4
Jun	100.8	122.5	101.8	101.1	112.1
Jul	100.4	112.6	96.6	102.3	111.8
Aug	99.3	118.7	101.5	100.5	111.8
Sep	98.2	120.3	102.5	100.0	113.3
Oct	98.4	115.0	105.4	99.1	114.1
Nov	96.9	120.1	96.6	100.1	114.3
Dec	99.1	133.4	108.2	101.4	114.7
2018 Jan	96.1	125.8	105.7	101.4	114.8
Feb	97.9	124.6	103.1	101.6	112.0
Mar	99.0	131.4	106.3	102.1	114.1
Apr	98.4	133.5	105.4	101.4	114.4
May	99.5	136.4	105.9	101.9	113.9
Jun	98.5	143.0	105.4	101.3	115.9
Jul	97.2	137.7	107.4	102.1	115.7
Aug	103.8	136.7	102.7	102.8	117.7
Sep	100.7	149.4	104.7	103.7	118.3
Oct	96.7	139.1	104.3	102.0	118.4
Percentage change, latest year on previous year					
	S22I	S22J	KFV7	S22K	S22L
2013	1.3	5.7	10.3	-4.6	3.9
2014	-8.1	-2.0	1.0	-4.7	7.4
2015	-5.3	29.2	2.1	4.1	5.6
2016	2.2	10.0	13.1	-4.1	13.4
2017	-1.5	18.2	1.0	0.6	10.4
Percentage change, latest month on same month a year ago					
	S278	S279	KFJ4	S27A	S27B
2016 Oct	3.2	3.2	14.9	-1.5	18.8
Nov	4.5	3.5	15.9	-3.4	13.5
Dec	9.3	20.4	19.8	-1.3	14.8
2017 Jan	3.4	20.9	6.8	-0.5	7.4
Feb	3.2	15.6	3.0	-0.8	10.9
Mar	-3.0	30.6	-1.9	-1.0	12.5
Apr	-2.8	27.3	4.6	3.2	12.8
May	-0.5	30.7	7.8	3.6	9.2
Jun	4.4	28.0	-0.9	2.2	14.4
Jul	1.2	7.6	-4.6	3.0	11.3
Aug	-1.3	12.5	-0.9	0.7	9.1
Sep	-4.1	5.6	0.6	-0.3	10.8
Oct	-2.9	13.1	3.0	-2.7	7.3
Nov	-6.4	15.7	-6.3	0.3	9.5
Dec	-7.8	17.4	2.3	-0.2	9.6
2018 Jan	-5.3	14.9	6.4	-0.5	11.7
Feb	0.2	12.7	3.5	1.6	6.3
Mar	2.5	6.6	8.8	3.8	6.9
Apr	1.8	16.8	4.9	-1.3	5.0
May	3.0	15.0	3.3	2.4	5.0
Jun	-2.3	16.7	3.5	0.2	3.4
Jul	-3.2	22.3	11.2	-0.2	3.5
Aug	4.6	15.2	1.2	2.3	5.2
Sep	2.5	24.2	2.2	3.7	4.4
Oct	-1.7	21.0	-1.0	2.9	3.8

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IOSCOMP

IOS: Index of Services

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

seasonally adjusted 2016 = 100

continued

	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
2016 Oct	-1.1	-10.7	0.5	1.5	4.0
Nov	2.2	2.1	0.6	-2.1	-1.8
Dec	3.9	9.5	2.7	1.9	0.3
2017 Jan	-5.6	-3.6	-6.1	0.3	-1.8
Feb	-3.6	1.0	0.3	-2.0	2.4
Mar	-1.2	11.5	-2.0	-1.6	1.4
Apr	0.2	-7.3	2.9	4.5	2.0
May	-0.1	3.8	2.0	-3.2	-0.5
Jun	4.4	3.3	-0.7	1.6	3.4
Jul	-0.4	-8.1	-5.1	1.2	-0.2
Aug	-1.2	5.4	5.0	-1.7	-
Sep	-1.0	1.3	1.1	-0.5	1.3
Oct	0.1	-4.4	2.8	-0.9	0.7
Nov	-1.5	4.4	-8.4	1.0	0.1
Dec	2.3	11.0	12.1	1.3	0.4
2018 Jan	-3.1	-5.6	-2.3	-	0.1
Feb	2.0	-1.0	-2.4	0.1	-2.5
Mar	1.1	5.5	3.0	0.5	1.9
Apr	-0.6	1.6	-0.8	-0.7	0.2
May	1.1	2.2	0.5	0.5	-0.5
Jun	-1.0	4.9	-0.5	-0.6	1.8
Jul	-1.2	-3.7	1.9	0.8	-0.2
Aug	6.7	-0.7	-4.4	0.7	1.7
Sep	-3.0	9.3	2.0	0.9	0.5
Oct	-4.0	-6.9	-0.4	-1.6	0.1
Percentage change, latest 3 months on same 3 months a year ago					
	S2GM	S2GN	KFJ6	S2GO	S2GP
2016 Oct	5.7	15.8	14.0	-4.1	16.2
Nov	6.1	12.7	14.5	-2.8	16.0
Dec	5.7	8.8	16.9	-2.1	15.7
2017 Jan	5.7	14.6	14.1	-1.7	11.8
Feb	5.3	18.9	9.6	-0.9	11.0
Mar	1.1	22.4	2.5	-0.8	10.3
Apr	-0.9	24.4	1.9	0.5	12.1
May	-2.1	29.6	3.4	1.9	11.5
Jun	0.4	28.7	3.7	3.0	12.1
Jul	1.7	21.5	0.6	2.9	11.6
Aug	1.4	15.7	-2.1	2.0	11.6
Sep	-1.4	8.5	-1.6	1.1	10.4
Oct	-2.7	10.3	0.9	-0.8	9.1
Nov	-4.5	11.3	-0.9	-0.9	9.2
Dec	-5.7	15.5	-0.3	-0.9	8.8
2018 Jan	-6.5	16.0	0.8	-0.2	10.2
Feb	-4.4	15.0	4.0	0.3	9.2
Mar	-1.0	11.2	6.2	1.6	8.3
Apr	1.5	11.8	5.7	1.3	6.1
May	2.4	12.6	5.6	1.6	5.6
Jun	0.7	16.2	3.9	0.4	4.5
Jul	-0.9	17.9	5.9	0.8	3.9
Aug	-0.3	18.0	5.2	0.8	4.0
Sep	1.3	20.6	4.7	1.9	4.4
Oct	1.8	20.1	0.8	3.0	4.5

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IOSCOMP

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

seasonally adjusted 2016 = 100

continued

	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
2016 Oct	3.9	10.3	2.5	2.7	4.5
Nov	3.6	4.4	0.3	1.3	4.0
Dec	3.3	-1.5	1.9	1.3	3.3
2017 Jan	2.7	1.8	0.5	0.4	0.3
Feb	-0.2	4.5	-0.8	0.5	-
Mar	-5.2	7.6	-4.7	-1.0	-0.1
Apr	-6.8	6.5	-3.4	-0.7	3.0
May	-5.5	6.7	-1.3	-1.0	3.6
Jun	-0.6	3.5	2.8	1.0	4.6
Jul	2.3	1.6	1.1	0.6	3.5
Aug	3.7	-0.7	-0.3	1.1	3.6
Sep	1.3	-1.1	-1.4	-0.2	2.3
Oct	-0.7	0.1	2.8	-1.1	2.1
Nov	-2.3	0.4	1.6	-1.5	1.8
Dec	-1.2	4.8	3.2	-0.7	1.8
2018 Jan	-1.3	7.1	0.3	1.1	1.4
Feb	-0.1	8.0	4.1	1.7	-
Mar	-0.5	3.6	1.6	1.5	-0.6
Apr	1.2	2.7	1.4	0.7	-1.0
May	1.3	4.6	0.2	0.3	0.3
Jun	1.2	8.1	0.5	-0.2	0.9
Jul	-0.1	7.1	1.2	0.1	1.4
Aug	0.9	4.0	-0.7	0.3	2.0
Sep	1.8	2.7	-0.6	1.4	2.2
Oct	2.0	2.0	-2.2	1.1	2.6

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IOSCOMP

IOS: Inde Telecom
Chained unications

seasonally adjusted 2016 = 100

continued

	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**
	S2LG	S2LH	S2LI	S2LJ	S2LK
2013	83.5	101.3	102.5	99.1	112.5
2014	95.2	99.5	98.9	98.0	110.8
2015	100.1	96.6	97.4	98.6	102.1
2016	100.0	100.0	100.0	100.0	100.0
2017	107.4	100.4	101.5	97.4	96.6
2016 Oct	101.1	100.8	100.6	100.3	99.7
Nov	104.0	100.9	100.8	99.3	99.4
Dec	102.7	100.5	101.0	98.2	99.0
2017 Jan	105.5	101.4	102.7	98.0	98.7
Feb	102.0	101.2	102.3	98.2	98.3
Mar	104.4	101.1	101.9	98.5	97.9
Apr	104.5	100.9	101.5	98.6	97.5
May	108.6	100.7	101.4	98.5	97.1
Jun	107.8	100.6	101.4	98.1	96.7
Jul	105.6	100.3	101.3	97.6	96.3
Aug	108.8	100.1	101.4	96.9	95.9
Sep	108.8	99.9	101.5	96.3	95.6
Oct	106.4	99.5	101.1	95.8	95.3
Nov	112.4	99.4	101.1	95.7	95.0
Dec	114.3	99.6	101.1	96.1	94.7
2018 Jan	109.1	99.8	101.1	96.7	94.4
Feb	114.5	100.0	101.2	97.1	94.1
Mar	114.3	100.0	101.2	97.2	93.9
Apr	116.0	100.0	101.2	97.0	93.6
May	117.8	99.9	101.2	96.9	93.3
Jun	117.3	100.0	101.2	97.0	93.0
Jul	118.9	100.4	101.5	97.8	92.8
Aug	122.5	100.6	101.6	98.2	92.5
Sep	120.0	100.2	101.4	97.4	92.2
Oct	114.8	99.9	101.1	97.0	91.9
Percentage change, latest year on previous year					
	S22M	S22N	S22O	S22P	S22Q
2013	13.6	-2.2	-3.3	-0.3	0.5
2014	14.0	-1.7	-3.5	-1.1	-1.5
2015	5.1	-2.9	-1.5	0.5	-7.9
2016	-0.1	3.5	2.6	1.5	-2.0
2017	7.4	0.4	1.5	-2.6	-3.4
Percentage change, latest month on same month a year ago					
	S27C	S27D	S27E	S27F	S27G
2016 Oct	2.6	5.0	3.9	0.8	-0.7
Nov	4.5	4.3	3.7	-2.7	-0.9
Dec	7.1	2.1	3.2	-4.4	-1.4
2017 Jan	5.9	2.7	4.0	-3.0	-1.4
Feb	-4.0	2.6	2.7	-1.4	-1.9
Mar	8.0	2.4	2.4	-0.4	-2.4
Apr	2.4	2.0	2.1	-	-2.8
May	13.2	1.3	1.8	-0.6	-3.3
Jun	15.1	0.7	1.3	-2.1	-3.7
Jul	9.9	-0.6	1.2	-3.8	-3.9
Aug	8.9	-0.9	1.1	-4.9	-4.2
Sep	6.7	-1.6	1.1	-4.9	-4.3
Oct	5.2	-1.3	0.6	-4.4	-4.4
Nov	8.1	-1.4	0.3	-3.6	-4.4
Dec	11.3	-0.9	0.1	-2.1	-4.4
2018 Jan	3.4	-1.5	-1.5	-1.4	-4.3
Feb	12.3	-1.2	-1.1	-1.2	-4.2
Mar	9.5	-1.0	-0.7	-1.3	-4.1
Apr	11.0	-0.9	-0.3	-1.6	-4.0
May	8.5	-0.8	-0.1	-1.6	-3.9
Jun	8.9	-0.7	-0.2	-1.1	-3.8
Jul	12.7	0.2	0.2	0.3	-3.7
Aug	12.6	0.5	0.2	1.3	-3.6
Sep	10.3	0.3	-0.1	1.1	-3.6
Oct	7.9	0.4	-	1.2	-3.5

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IOSCOMP

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

seasonally adjusted 2016 = 100

continued

	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
2016 Oct	-0.9	-0.7	0.2	-1.0	-0.2
Nov	2.9	0.1	0.2	-0.9	-0.3
Dec	-1.3	-0.4	0.3	-1.1	-0.3
2017 Jan	2.8	0.9	1.6	-0.2	-0.4
Feb	-3.4	-0.1	-0.4	0.2	-0.4
Mar	2.3	-0.1	-0.4	0.2	-0.4
Apr	0.1	-0.2	-0.4	0.1	-0.4
May	3.9	-0.1	-0.1	-0.1	-0.4
Jun	-0.7	-0.1	-	-0.4	-0.4
Jul	-2.1	-0.3	-0.1	-0.6	-0.4
Aug	3.1	-0.2	0.1	-0.7	-0.4
Sep	-	-0.2	-	-0.6	-0.4
Oct	-2.2	-0.4	-0.3	-0.5	-0.3
Nov	5.6	-0.1	-	-0.1	-0.3
Dec	1.7	0.1	-	0.4	-0.3
2018 Jan	-4.5	0.2	-	0.6	-0.3
Feb	4.9	0.2	-	0.4	-0.3
Mar	-0.2	-	-	0.1	-0.3
Apr	1.5	-0.1	-	-0.2	-0.3
May	1.6	-0.1	-	-0.1	-0.3
Jun	-0.4	-	-	0.1	-0.3
Jul	1.4	0.5	0.3	0.9	-0.3
Aug	3.0	0.2	0.1	0.3	-0.3
Sep	-2.0	-0.4	-0.2	-0.8	-0.3
Oct	-4.4	-0.4	-0.3	-0.5	-0.3
Percentage change, latest 3 months on same 3 months a year ago					
	S2GQ	S2GR	S2GS	S2GT	S2GU
2016 Oct	3.9	5.8	4.0	3.4	-0.7
Nov	3.5	5.2	3.8	0.6	-0.7
Dec	4.7	3.8	3.6	-2.1	-1.0
2017 Jan	5.8	3.0	3.6	-3.4	-1.2
Feb	2.8	2.5	3.3	-3.0	-1.6
Mar	3.1	2.6	3.0	-1.6	-1.9
Apr	1.9	2.4	2.4	-0.6	-2.4
May	7.8	1.9	2.1	-0.4	-2.8
Jun	10.0	1.3	1.7	-0.9	-3.3
Jul	12.7	0.5	1.4	-2.2	-3.6
Aug	11.2	-0.3	1.2	-3.6	-3.9
Sep	8.4	-1.1	1.1	-4.5	-4.1
Oct	6.9	-1.3	0.9	-4.8	-4.3
Nov	6.7	-1.5	0.7	-4.3	-4.4
Dec	8.2	-1.2	0.3	-3.4	-4.4
2018 Jan	7.5	-1.3	-0.4	-2.4	-4.4
Feb	8.9	-1.2	-0.8	-1.6	-4.3
Mar	8.3	-1.3	-1.1	-1.3	-4.2
Apr	10.9	-1.1	-0.7	-1.4	-4.1
May	9.6	-0.9	-0.4	-1.5	-4.0
Jun	9.4	-0.8	-0.2	-1.4	-3.9
Jul	10.0	-0.4	-	-0.8	-3.8
Aug	11.4	-	0.1	0.1	-3.7
Sep	11.8	0.3	0.1	0.9	-3.6
Oct	10.3	0.4	-	1.2	-3.6

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IOSCOMP

IOS: Index of Services

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

seasonally adjusted 2016 = 100

continued

	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
2016 Oct	6.1	1.0	0.5	0.9	-0.4
Nov	6.0	0.4	0.4	-0.9	-0.6
Dec	3.3	-0.4	0.6	-2.2	-0.7
2017 Jan	3.0	-0.2	1.1	-2.6	-0.9
Feb	1.0	-	1.4	-2.1	-1.0
Mar	1.3	0.5	1.5	-1.0	-1.1
Apr	-0.4	0.1	0.4	-0.1	-1.2
May	2.3	-0.1	-0.4	0.3	-1.2
Jun	2.9	-0.5	-0.8	0.2	-1.2
Jul	3.6	-0.5	-0.6	-0.4	-1.2
Aug	1.5	-0.6	-0.2	-1.0	-1.2
Sep	0.7	-0.6	-0.1	-1.5	-1.2
Oct	0.7	-0.7	-	-1.7	-1.1
Nov	1.7	-0.7	-0.1	-1.6	-1.1
Dec	3.1	-0.6	-0.3	-1.1	-1.0
2018 Jan	3.6	-0.2	-0.2	-0.2	-1.0
Feb	3.1	0.2	-0.1	0.7	-0.9
Mar	1.5	0.4	0.1	1.1	-0.9
Apr	2.7	0.4	0.1	0.9	-0.9
May	3.0	0.2	0.1	0.4	-0.9
Jun	3.9	-	-	-	-0.9
Jul	2.7	0.1	0.1	0.2	-0.9
Aug	3.1	0.4	0.2	0.7	-0.9
Sep	3.0	0.5	0.3	0.9	-0.9
Oct	0.9	0.1	-	0.3	-0.9

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IOSCOMP

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

seasonally adjusted 2016 = 100

continued

	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
2013	100.6	93.1	89.9	94.8	85.6
2014	104.2	96.0	94.1	96.9	92.5
2015	91.7	99.4	98.5	99.7	100.5
2016	100.0	100.0	100.0	100.0	100.0
2017	100.5	101.0	102.7	100.4	101.7
2016 Oct	102.5	99.8	100.0	99.8	98.5
Nov	103.3	99.8	100.1	99.7	99.7
Dec	101.5	99.9	100.3	99.6	102.9
2017 Jan	101.3	100.3	101.4	99.8	102.8
Feb	101.6	100.5	101.5	100.0	101.7
Mar	101.8	100.5	101.8	100.2	97.8
Apr	101.9	100.8	102.3	100.3	99.1
May	101.7	101.1	102.6	100.4	102.2
Jun	101.3	101.1	102.6	100.5	102.1
Jul	100.7	101.2	102.8	100.6	102.2
Aug	100.0	101.4	103.4	100.6	102.4
Sep	99.3	101.2	102.8	100.5	102.4
Oct	98.8	101.3	103.4	100.4	102.7
Nov	98.7	101.4	103.7	100.4	104.0
Dec	99.1	101.4	103.7	100.5	100.5
2018 Jan	99.6	101.5	103.8	100.7	100.1
Feb	100.1	101.6	103.7	100.8	101.8
Mar	100.2	101.6	103.6	100.9	101.5
Apr	100.0	101.5	103.8	100.8	98.7
May	99.9	101.6	104.1	100.8	98.7
Jun	100.0	101.5	103.7	100.7	99.0
Jul	100.8	101.6	104.0	100.8	98.7
Aug	101.2	101.6	103.8	100.9	97.2
Sep	100.5	101.6	104.0	100.9	95.9
Oct	100.0	101.8	104.5	100.9	98.2
Percentage change, latest year on previous year					
	S22R	S22S	S22T	S22U	S22V
2013	-1.0	2.5	3.2	1.7	12.8
2014	3.6	3.1	4.8	2.2	8.0
2015	-12.0	3.5	4.6	2.9	8.7
2016	9.0	0.6	1.6	0.3	-0.5
2017	0.5	1.0	2.7	0.4	1.7
Percentage change, latest month on same month a year ago					
	S27H	S27I	S27J	S27K	S27L
2016 Oct	15.6	-0.4	0.8	-0.6	-5.9
Nov	17.4	-0.4	0.9	-0.8	-3.1
Dec	6.3	-0.7	0.5	-1.0	-2.1
2017 Jan	6.2	0.1	1.6	-0.6	2.4
Feb	8.0	-0.2	0.4	-0.5	0.1
Mar	6.6	-	1.1	-0.1	-7.1
Apr	4.9	0.6	2.1	0.3	-5.4
May	2.8	1.3	3.4	0.4	2.6
Jun	2.0	1.3	2.8	0.6	4.6
Jul	-2.5	1.5	3.3	0.7	5.6
Aug	-2.9	1.6	3.6	0.7	5.8
Sep	-6.3	1.6	3.4	0.6	6.8
Oct	-3.6	1.5	3.4	0.6	4.2
Nov	-4.4	1.5	3.6	0.6	4.3
Dec	-2.5	1.5	3.4	0.9	-2.3
2018 Jan	-1.7	1.2	2.4	0.8	-2.7
Feb	-1.5	1.2	2.2	0.8	-
Mar	-1.6	1.1	1.8	0.7	3.8
Apr	-1.8	0.7	1.4	0.5	-0.5
May	-1.8	0.5	1.5	0.3	-3.5
Jun	-1.3	0.3	1.1	0.2	-3.1
Jul	0.1	0.3	1.2	0.2	-3.4
Aug	1.2	0.1	0.4	0.3	-5.1
Sep	1.2	0.4	1.2	0.4	-6.3
Oct	1.1	0.6	1.1	0.5	-4.4

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IOSCOMP

IOS: Index of Services

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

seasonally adjusted 2016 = 100

continued

		Industry components (SIC2007)				
		Activities auxiliary to financial services and insurance	Real estate activities	Buying, selling and renting of own or leased real estate	Imputed rent	Real estate activities on fee or contract basis
Component		66	L	68.1-2	68.2Imp	68.3
2016 weights		**16**	**174**	**47**	**122**	**5**
Percentage change, latest month on previous month						
		S22R	S22S	S22T	S22U	S22V
2016	Oct	-3.3	0.2	0.6	-	2.8
	Nov	0.8	-	0.2	-0.1	1.2
	Dec	-1.7	-	0.2	-0.1	3.2
2017	Jan	-0.2	0.5	1.0	0.2	-0.1
	Feb	0.2	0.1	0.2	0.2	-1.1
	Mar	0.2	0.1	0.3	0.2	-3.9
	Apr	0.1	0.3	0.5	0.1	1.4
	May	-0.1	0.3	0.3	0.1	3.1
	Jun	-0.4	0.1	-	0.1	-0.1
	Jul	-0.6	0.1	0.2	0.1	-
	Aug	-0.7	0.2	0.6	-	0.2
	Sep	-0.7	-0.2	-0.6	-0.1	-
	Oct	-0.5	0.1	0.6	-0.1	0.3
	Nov	-0.1	0.1	0.3	-	1.3
	Dec	0.3	-	-	0.1	-3.4
2018	Jan	0.6	0.1	0.1	0.2	-0.4
	Feb	0.5	0.1	-0.1	0.1	1.7
	Mar	0.1	-	-0.1	-	-0.3
	Apr	-0.2	-0.1	0.1	-	-2.8
	May	-0.1	-	0.3	-0.1	-
	Jun	0.1	-0.1	-0.4	-	0.3
	Jul	0.8	0.1	0.3	0.1	-0.3
	Aug	0.4	-	-0.2	0.1	-1.5
	Sep	-0.7	-	0.2	-	-1.3
	Oct	-0.5	0.2	0.5	-	2.4
Percentage change, latest 3 months on same 3 months a year ago						
		S2GV	S2GW	S2GX	S2GY	S2GZ
2016	Oct	15.7	-0.5	0.1	-0.4	-7.2
	Nov	16.8	-0.5	0.4	-0.6	-5.8
	Dec	12.9	-0.5	0.7	-0.8	-3.7
2017	Jan	9.8	-0.3	1.0	-0.8	-1.0
	Feb	6.8	-0.3	0.8	-0.7	0.1
	Mar	6.9	-	1.0	-0.4	-1.6
	Apr	6.5	0.1	1.2	-0.1	-4.2
	May	4.8	0.6	2.2	0.2	-3.4
	Jun	3.2	1.1	2.8	0.4	0.5
	Jul	0.7	1.4	3.2	0.6	4.3
	Aug	-1.2	1.5	3.2	0.6	5.3
	Sep	-3.9	1.6	3.4	0.7	6.1
	Oct	-4.3	1.5	3.5	0.6	5.6
	Nov	-4.8	1.5	3.5	0.6	5.1
	Dec	-3.5	1.5	3.5	0.7	2.0
2018	Jan	-2.9	1.4	3.1	0.8	-0.3
	Feb	-1.9	1.3	2.7	0.8	-1.7
	Mar	-1.6	1.1	2.1	0.8	0.3
	Apr	-1.6	1.0	1.8	0.7	1.1
	May	-1.7	0.8	1.6	0.5	-0.1
	Jun	-1.6	0.5	1.3	0.3	-2.3
	Jul	-1.0	0.4	1.2	0.2	-3.3
	Aug	-	0.3	0.9	0.2	-3.9
	Sep	0.8	0.3	0.9	0.3	-4.9
	Oct	1.2	0.4	0.9	0.4	-5.2

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seasonally adjusted 2016 = 100

continued

	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
2016	Oct	3.3	-	0.2	-0.1	-1.0
	Nov	2.0	-	0.1	-0.1	1.0
	Dec	-1.6	0.1	0.6	-0.2	4.0
2017	Jan	-1.7	0.3	0.9	-0.1	4.9
	Feb	-2.4	0.5	1.2	-	4.6
	Mar	-0.9	0.6	1.4	0.3	0.4
	Apr	-0.3	0.6	1.3	0.4	-2.2
	May	0.3	0.6	1.2	0.5	-2.7
	Jun	0.1	0.6	0.9	0.4	0.4
	Jul	-0.5	0.5	0.8	0.4	2.6
	Aug	-1.1	0.5	0.7	0.3	2.5
	Sep	-1.6	0.3	0.5	0.1	1.1
	Oct	-1.8	0.1	0.5	-	0.3
	Nov	-1.7	-	0.3	-0.2	0.8
	Dec	-1.2	0.1	0.6	-0.2	0.1
2018	Jan	-0.3	0.1	0.5	-	-0.9
	Feb	0.6	0.2	0.4	0.2	-2.2
	Mar	1.1	0.2	0.1	0.4	-1.3
	Apr	1.0	0.2	-	0.3	-0.9
	May	0.5	0.1	0.1	0.1	-1.2
	Jun	-	-	0.1	-	-2.3
	Jul	0.2	-	0.2	-0.1	-1.8
	Aug	0.7	-	-	-	-1.3
	Sep	0.9	-	0.1	0.1	-1.5
	Oct	0.3	0.1	0.2	0.1	-1.7

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continued

		Industry components (SIC2007)				
		Professional, scientific and technical activities	Legal activities	Accounting and auditing activities	Activities of head offices; management consultancy	Architectural and engineering activities
Component		M	69.1	69.2	70	71
2016 weights		**95**	**18**	**14**	**16**	**20**
		S2LQ	S2LR	S2LS	S2LT	S2LU
2013		86.7	90.8	90.4	75.1	88.2
2014		92.2	93.0	93.9	81.6	96.9
2015		96.7	100.1	98.5	89.3	97.3
2016		100.0	100.0	100.0	100.0	100.0
2017		104.4	104.0	106.1	107.3	102.5
2016	Oct	101.0	102.6	99.0	105.9	99.7
	Nov	102.2	101.3	100.4	107.2	102.7
	Dec	102.9	102.2	95.2	107.4	101.2
2017	Jan	103.6	104.9	103.3	107.4	101.5
	Feb	102.4	101.3	102.5	105.5	101.5
	Mar	102.9	103.1	104.9	105.4	101.3
	Apr	102.1	105.2	100.3	105.4	101.2
	May	103.5	102.9	106.5	105.2	102.2
	Jun	104.3	104.6	106.3	104.6	101.6
	Jul	104.1	104.1	107.3	104.6	101.5
	Aug	104.8	104.3	107.6	105.7	102.5
	Sep	105.6	104.3	106.8	108.7	102.7
	Oct	105.6	104.2	106.7	111.5	103.0
	Nov	107.1	105.7	109.1	112.7	104.8
	Dec	107.3	103.9	111.5	110.7	106.3
2018	Jan	108.8	106.1	114.8	109.8	109.3
	Feb	107.6	104.4	111.5	109.5	107.8
	Mar	108.2	107.8	112.2	109.0	108.3
	Apr	109.4	107.5	115.5	110.6	108.6
	May	108.8	106.6	116.1	111.1	108.5
	Jun	108.0	106.5	114.4	110.9	106.7
	Jul	109.6	106.1	117.9	111.2	110.5
	Aug	109.3	104.0	120.8	111.8	110.1
	Sep	110.1	104.2	122.3	112.7	108.4
	Oct	111.3	104.7	126.7	113.8	109.8
Percentage change, latest year on previous year						
		S22W	S22X	S22Y	S22Z	S232
2013		5.6	9.6	-1.1	7.9	9.5
2014		6.3	2.3	3.9	8.7	9.9
2015		4.9	7.7	4.9	9.4	0.4
2016		3.4	-0.1	1.5	12.0	2.8
2017		4.4	4.0	6.1	7.3	2.5
Percentage change, latest month on same month a year ago						
		S27M	S27N	S27O	S27P	S27Q
2016	Oct	2.8	1.7	-1.3	14.9	1.1
	Nov	4.3	0.2	0.7	15.3	5.9
	Dec	5.0	1.8	-2.3	15.5	2.8
2017	Jan	6.7	7.3	5.0	16.2	6.1
	Feb	3.9	-2.1	2.0	13.7	4.3
	Mar	5.1	5.6	1.6	12.0	1.3
	Apr	2.2	6.3	-5.5	9.6	0.9
	May	4.0	4.9	3.6	7.7	3.7
	Jun	4.8	6.2	9.5	5.1	-0.6
	Jul	4.1	2.0	11.5	3.8	1.0
	Aug	4.1	4.6	6.7	3.3	2.2
	Sep	4.7	6.8	6.5	4.6	1.1
	Oct	4.5	1.5	7.8	5.3	3.3
	Nov	4.8	4.3	8.7	5.1	2.0
	Dec	4.4	1.6	17.2	3.1	5.0
2018	Jan	5.0	1.1	11.2	2.2	7.7
	Feb	5.0	3.1	8.7	3.8	6.2
	Mar	5.2	4.5	6.9	3.4	6.9
	Apr	7.1	2.2	15.1	5.0	7.4
	May	5.2	3.6	9.1	5.6	6.2
	Jun	3.6	1.8	7.6	6.0	5.0
	Jul	5.3	1.9	9.9	6.3	9.0
	Aug	4.4	-0.3	12.2	5.7	7.3
	Sep	4.2	-0.2	14.6	3.7	5.6
	Oct	5.4	0.5	18.8	2.0	6.5

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continued

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		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
2016	Oct	0.1	5.0	-1.3	2.0	-1.8
	Nov	1.2	-1.2	1.4	1.2	3.0
	Dec	0.6	0.9	-5.2	0.1	-1.5
2017	Jan	0.7	2.7	8.5	-	0.3
	Feb	-1.1	-3.5	-0.7	-1.8	-0.1
	Mar	0.4	1.8	2.4	-0.1	-0.2
	Apr	-0.7	2.0	-4.4	-	-0.1
	May	1.4	-2.2	6.1	-0.2	1.0
	Jun	0.7	1.7	-0.2	-0.5	-0.5
	Jul	-0.2	-0.5	1.0	-0.1	-0.2
	Aug	0.6	0.2	0.3	1.1	1.1
	Sep	0.9	-	-0.8	2.8	0.2
	Oct	-	-0.2	-0.1	2.6	0.3
	Nov	1.4	1.4	2.3	1.0	1.7
	Dec	0.2	-1.7	2.2	-1.8	1.4
2018	Jan	1.4	2.1	3.0	-0.8	2.9
	Feb	-1.2	-1.6	-2.9	-0.3	-1.4
	Mar	0.6	3.2	0.6	-0.5	0.5
	Apr	1.0	-0.3	3.0	1.5	0.3
	May	-0.5	-0.8	0.6	0.5	-0.1
	Jun	-0.7	-0.1	-1.5	-0.2	-1.6
	Jul	1.4	-0.4	3.1	0.2	3.6
	Aug	-0.2	-2.0	2.4	0.6	-0.4
	Sep	0.7	0.2	1.3	0.8	-1.5
	Oct	1.1	0.5	3.6	1.0	1.2
Percentage change, latest 3 months on same 3 months a year ago						
		S2H2	S2H3	S2H4	S2H5	S2H6
2016	Oct	3.4	-0.5	-0.6	14.3	3.1
	Nov	3.5	-0.7	-0.5	14.8	3.6
	Dec	4.0	1.2	-1.0	15.2	3.3
2017	Jan	5.3	3.1	1.1	15.7	4.9
	Feb	5.2	2.3	1.6	15.1	4.4
	Mar	5.2	3.5	2.8	14.0	3.9
	Apr	3.7	3.2	-0.7	11.7	2.1
	May	3.8	5.6	-0.1	9.7	2.0
	Jun	3.7	5.8	2.3	7.4	1.3
	Jul	4.3	4.4	8.1	5.5	1.3
	Aug	4.3	4.3	9.2	4.1	0.9
	Sep	4.3	4.4	8.2	3.9	1.5
	Oct	4.5	4.3	7.0	4.4	2.2
	Nov	4.7	4.1	7.6	5.0	2.2
	Dec	4.6	2.5	11.1	4.5	3.5
2018	Jan	4.7	2.3	12.3	3.5	4.9
	Feb	4.8	1.9	12.2	3.0	6.3
	Mar	5.1	2.9	8.9	3.1	6.9
	Apr	5.8	3.2	10.2	4.1	6.8
	May	5.8	3.4	10.3	4.7	6.8
	Jun	5.3	2.5	10.5	5.5	6.2
	Jul	4.7	2.5	8.9	6.0	6.7
	Aug	4.4	1.2	9.9	6.0	7.1
	Sep	4.6	0.5	12.2	5.2	7.3
	Oct	4.7	-	15.2	3.8	6.5

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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
2016	Oct	1.2	0.5	1.3	4.7	0.1
	Nov	1.4	0.5	1.8	4.7	0.3
	Dec	1.5	2.3	-1.0	4.4	0.4
2017	Jan	2.0	2.8	-0.4	3.2	1.3
	Feb	1.6	2.3	0.4	1.0	0.1
	Mar	0.9	1.1	5.5	-0.7	0.2
	Apr	-0.4	0.4	3.0	-1.8	-0.5
	May	-0.1	0.9	3.6	-1.4	0.2
	Jun	0.3	1.0	0.8	-1.0	0.2
	Jul	1.4	0.6	4.0	-0.6	0.4
	Aug	1.5	0.6	3.0	-0.3	0.3
	Sep	1.5	-	2.8	1.2	0.6
	Oct	1.3	0.4	0.3	3.7	1.0
	Nov	1.7	0.4	0.4	5.7	1.6
	Dec	1.8	0.3	1.7	5.0	2.4
2018	Jan	2.3	0.9	4.5	2.2	3.9
	Feb	1.7	0.1	4.7	-0.9	4.1
	Mar	1.4	1.5	3.4	-2.0	3.6
	Apr	0.6	1.3	1.1	-1.2	1.3
	May	0.8	2.3	1.8	0.2	0.6
	Jun	0.5	0.7	2.2	1.3	-0.5
	Jul	0.4	-0.1	2.7	1.3	0.3
	Aug	0.2	-1.6	2.7	1.0	0.6
	Sep	0.8	-2.0	4.3	0.9	1.6
	Oct	1.3	-2.0	6.1	1.5	0.8

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IOSCOMP

IOS: Index of Services

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

seasonally adjusted 2016 = 100

continued

	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**
	S2LV	S2LW	S2LX	S2LY	S2LZ
2013	80.6	92.1	94.5	89.9	84.9
2014	84.8	92.5	106.8	94.9	92.8
2015	92.3	97.4	105.9	95.0	97.9
2016	100.0	100.0	100.0	100.0	100.0
2017	105.5	102.2	103.5	104.4	104.3
2016 Oct	99.7	103.3	92.3	100.1	100.9
Nov	100.1	102.8	96.7	101.5	101.8
Dec	105.2	108.4	103.7	103.7	101.7
2017 Jan	108.3	99.7	99.5	103.9	102.5
Feb	103.8	99.7	102.7	103.8	102.8
Mar	107.9	93.4	104.2	103.5	103.8
Apr	101.2	96.7	102.7	99.0	101.4
May	99.4	100.5	107.3	101.6	104.1
Jun	105.8	102.8	105.6	105.9	104.3
Jul	105.4	103.2	103.6	104.7	104.3
Aug	104.7	105.2	102.9	108.1	104.8
Sep	107.2	107.2	104.3	106.9	104.8
Oct	104.1	104.6	103.9	107.1	105.4
Nov	107.1	106.9	102.8	104.8	106.5
Dec	110.8	106.6	102.7	103.8	106.4
2018 Jan	106.5	110.6	102.4	104.2	106.8
Feb	106.7	108.9	103.2	105.3	104.8
Mar	103.5	111.6	102.6	103.2	105.3
Apr	107.6	110.4	102.8	108.9	105.7
May	105.0	109.4	101.5	105.1	105.3
Jun	103.3	109.6	101.0	106.1	105.3
Jul	105.8	108.9	101.9	108.1	105.6
Aug	103.9	108.6	100.9	107.9	104.9
Sep	109.1	108.5	104.3	108.7	104.8
Oct	105.8	110.2	104.4	109.7	105.9
Percentage change, latest year on previous year					
	S233	S234	S235	S236	S237
2013	4.6	4.4	-4.5	3.8	4.9
2014	5.2	0.4	13.0	5.5	9.4
2015	8.9	5.3	-0.9	0.2	5.5
2016	8.3	2.7	-5.5	5.3	2.1
2017	5.5	2.2	3.5	4.4	4.3
Percentage change, latest month on same month a year ago					
	S27R	S27S	S27T	S27U	S27V
2016 Oct	5.3	7.7	-15.6	4.6	2.0
Nov	5.6	7.5	-12.1	9.3	3.0
Dec	12.8	10.2	-4.3	7.2	3.6
2017 Jan	15.0	-0.4	-7.6	6.2	3.6
Feb	2.4	6.8	-1.5	6.7	2.4
Mar	12.7	-0.8	6.4	6.0	4.8
Apr	3.6	-3.0	1.7	-0.6	1.8
May	-3.0	0.4	7.5	1.5	5.9
Jun	7.5	4.1	6.2	6.4	5.4
Jul	7.9	2.0	4.1	4.8	5.0
Aug	2.6	6.0	3.4	8.3	5.3
Sep	1.8	8.4	6.4	3.6	3.2
Oct	4.4	1.2	12.6	7.0	4.5
Nov	6.9	4.0	6.3	3.3	4.6
Dec	5.4	-1.7	-1.0	0.1	4.7
2018 Jan	-1.7	11.0	2.9	0.3	4.2
Feb	2.7	9.2	0.5	1.5	1.9
Mar	-4.1	19.5	-1.6	-0.3	1.5
Apr	6.3	14.2	0.1	10.0	4.2
May	5.6	8.8	-5.4	3.4	1.2
Jun	-2.4	6.6	-4.3	0.2	0.9
Jul	0.3	5.5	-1.7	3.3	1.3
Aug	-0.8	3.3	-1.9	-0.2	0.1
Sep	1.7	1.2	-	1.6	-
Oct	1.7	5.4	0.4	2.4	0.5

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IOSCOMP

IOS: Index of Services

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

seasonally adjusted 2016 = 100

continued

	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
2016	Oct	-5.3	4.5	-5.8	-3.1	-0.6
	Nov	0.4	-0.5	4.7	1.4	0.9
	Dec	5.0	5.5	7.3	2.2	-0.2
2017	Jan	3.0	-8.1	-4.1	0.2	0.8
	Feb	-4.1	-	3.2	-0.1	0.3
	Mar	3.9	-6.3	1.5	-0.3	1.0
	Apr	-6.2	3.5	-1.4	-4.4	-2.3
	May	-1.8	4.0	4.5	2.7	2.6
	Jun	6.5	2.3	-1.6	4.2	0.2
	Jul	-0.4	0.4	-1.9	-1.1	-0.1
	Aug	-0.7	1.9	-0.7	3.3	0.5
	Sep	2.3	1.9	1.4	-1.1	0.1
	Oct	-2.9	-2.4	-0.4	0.1	0.6
	Nov	2.9	2.2	-1.1	-2.1	1.0
	Dec	3.5	-0.3	-0.1	-1.0	-0.1
2018	Jan	-3.9	3.8	-0.3	0.4	0.3
	Feb	0.2	-1.6	0.8	1.0	-1.9
	Mar	-3.0	2.4	-0.6	-2.0	0.5
	Apr	4.0	-1.1	0.2	5.4	0.4
	May	-2.4	-0.9	-1.2	-3.5	-0.4
	Jun	-1.7	0.1	-0.5	0.9	-
	Jul	2.5	-0.6	0.8	1.9	0.3
	Aug	-1.8	-0.2	-0.9	-0.2	-0.6
	Sep	5.0	-0.1	3.4	0.7	-0.1
	Oct	-3.0	1.6	0.1	0.9	1.0

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

		S2H7	S2H8	S2H9	S2HA	S2HB
2016	Oct	9.8	4.3	-8.9	5.0	1.6
	Nov	8.6	6.4	-11.9	6.9	2.5
	Dec	7.9	8.5	-10.7	7.0	2.9
2017	Jan	11.1	5.7	-8.0	7.5	3.4
	Feb	9.9	5.5	-4.5	6.7	3.2
	Mar	9.9	1.8	-1.1	6.3	3.6
	Apr	6.1	0.9	2.1	4.0	3.0
	May	4.3	-1.1	5.2	2.3	4.2
	Jun	2.6	0.5	5.1	2.4	4.3
	Jul	4.0	2.1	6.0	4.3	5.4
	Aug	6.0	4.0	4.6	6.5	5.2
	Sep	4.1	5.4	4.6	5.5	4.5
	Oct	2.9	5.1	7.3	6.3	4.3
	Nov	4.3	4.5	8.4	4.6	4.1
	Dec	5.6	1.1	5.7	3.4	4.6
2018	Jan	3.4	4.2	2.7	1.2	4.5
	Feb	2.1	5.9	0.8	0.6	3.6
	Mar	-1.1	13.1	0.6	0.5	2.5
	Apr	1.5	14.2	-0.3	3.6	2.5
	May	2.4	14.0	-2.3	4.3	2.3
	Jun	3.1	9.8	-3.3	4.4	2.1
	Jul	1.1	7.0	-3.8	2.3	1.1
	Aug	-1.0	5.1	-2.7	1.1	0.8
	Sep	0.4	3.3	-1.2	1.6	0.5
	Oct	0.9	3.3	-0.5	1.3	0.2

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seasonally adjusted 2016 = 100

continued

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

Percentage change, latest 3 months on previous 3 months

		S2CH	S2CI	S2CJ	S2CK	S2CL
2016	Oct	2.8	0.5	-2.9	1.2	1.8
	Nov	2.3	1.9	-3.8	1.9	2.2
	Dec	-	5.1	-1.5	0.8	1.3
2017	Jan	2.2	3.1	3.4	2.0	1.3
	Feb	4.0	0.9	6.6	2.2	0.8
	Mar	4.9	-6.9	4.7	1.9	1.5
	Apr	-0.2	-6.8	3.3	-0.9	0.7
	May	-2.8	-5.6	2.7	-2.3	0.8
	Jun	-4.2	2.5	3.0	-1.5	0.3
	Jul	-0.7	5.8	2.2	1.9	1.5
	Aug	2.4	7.1	-0.7	4.8	1.3
	Sep	3.6	5.2	-1.5	4.3	1.3
	Oct	1.7	3.4	-1.7	3.2	0.7
	Nov	0.7	2.4	-0.3	0.1	1.1
	Dec	1.4	0.8	-0.4	-1.2	1.5
2018	Jan	2.7	2.2	-1.0	-2.9	1.5
	Feb	1.8	2.3	-0.9	-1.7	0.4
	Mar	-1.7	4.1	-0.4	-0.9	-0.5
	Apr	-2.0	2.1	0.2	1.4	-1.2
	May	-2.4	1.6	-0.4	1.2	-0.5
	Jun	-0.2	-0.5	-0.9	2.3	-0.2
	Jul	-1.2	-0.9	-1.4	0.6	0.1
	Aug	-1.0	-1.3	-1.0	1.6	-0.2
	Sep	0.9	-1.0	0.6	1.5	-0.3
	Oct	1.5	-0.1	1.7	2.2	-0.2

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IOSCOMP

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

seasonally adjusted 2016 = 100

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**
	S2M2	S2M3	S2M4	S2M5	S2M6
2013	83.6	82.8	82.0	97.5	89.4
2014	88.7	95.0	87.8	94.9	99.0
2015	97.4	98.4	93.5	96.2	101.0
2016	100.0	100.0	100.0	100.0	100.0
2017	102.0	104.3	106.2	99.9	100.8
2016 Oct	103.4	100.2	102.3	102.7	101.3
Nov	101.3	103.2	106.4	101.1	104.1
Dec	102.2	100.9	108.7	97.4	102.2
2017 Jan	100.8	103.4	110.9	99.0	97.4
Feb	99.5	103.3	107.3	100.8	102.5
Mar	102.0	103.8	107.1	102.2	101.3
Apr	100.7	98.9	101.5	101.7	100.6
May	102.5	102.9	105.2	98.8	102.0
Jun	101.9	103.4	106.3	98.1	100.6
Jul	103.4	104.3	105.6	97.2	98.7
Aug	103.0	104.2	106.2	100.0	100.3
Sep	101.1	104.9	106.4	99.7	101.9
Oct	102.6	106.4	105.8	100.1	102.4
Nov	103.6	107.6	108.1	102.7	101.7
Dec	103.2	108.3	104.5	98.3	100.7
2018 Jan	105.7	107.9	104.1	102.7	102.0
Feb	101.3	107.1	99.2	104.2	102.1
Mar	101.4	107.3	100.0	104.3	102.6
Apr	103.6	106.9	101.1	103.8	102.3
May	100.7	109.4	96.6	104.3	104.6
Jun	101.5	110.2	100.5	104.1	103.1
Jul	99.8	109.6	100.0	105.6	102.0
Aug	99.3	109.1	99.1	103.5	101.9
Sep	98.4	110.8	98.1	103.0	104.1
Oct	97.4	111.4	99.6	104.7	104.7
Percentage change, latest year on previous year					
	S238	S239	S23A	S23B	S23C
2013	1.5	14.6	-0.6	-4.4	-5.5
2014	6.1	14.8	7.0	-2.6	10.7
2015	9.8	3.6	6.5	1.3	2.0
2016	2.6	1.6	7.0	4.0	-0.9
2017	2.0	4.3	6.2	-0.1	0.8
Percentage change, latest month on same month a year ago					
	S27W	S27X	S27Y	S27Z	S282
2016 Oct	6.6	2.2	4.7	7.4	-0.5
Nov	3.4	7.6	10.6	-2.6	5.3
Dec	8.6	3.3	10.7	-7.7	10.5
2017 Jan	4.0	3.2	16.4	-2.4	1.4
Feb	-1.3	5.0	7.8	1.6	7.5
Mar	3.9	4.8	12.5	3.1	3.2
Apr	4.5	-2.1	3.3	4.4	-0.4
May	4.3	3.0	6.4	-1.9	3.8
Jun	3.7	3.8	8.9	-1.9	0.5
Jul	3.4	5.7	7.5	-3.1	-3.3
Aug	2.2	6.2	7.3	-1.2	1.0
Sep	-2.3	4.2	5.7	0.2	-0.4
Oct	-0.8	6.2	3.4	-2.4	1.0
Nov	2.3	4.2	1.6	1.6	-2.3
Dec	0.9	7.3	-3.8	0.9	-1.5
2018 Jan	4.8	4.4	-6.1	3.7	4.8
Feb	1.7	3.7	-7.5	3.4	-0.3
Mar	-0.6	3.4	-6.6	2.0	1.3
Apr	2.9	8.1	-0.4	2.1	1.7
May	-1.7	6.4	-8.2	5.5	2.6
Jun	-0.4	6.6	-5.4	6.2	2.6
Jul	-3.5	5.1	-5.4	8.7	3.4
Aug	-3.7	4.7	-6.7	3.5	1.5
Sep	-2.6	5.6	-7.8	3.4	2.2
Oct	-5.0	4.7	-5.9	4.6	2.3

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seasonally adjusted 2016 = 100

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 month on previous month						
		S238	S239	S23A	S23B	S23C
2016	Oct	-0.1	-0.5	1.6	3.2	-0.9
	Nov	-2.0	3.0	4.1	-1.5	2.7
	Dec	0.9	-2.2	2.1	-3.6	-1.8
2017	Jan	-1.4	2.4	2.1	1.7	-4.7
	Feb	-1.3	-0.1	-3.3	1.8	5.3
	Mar	2.5	0.4	-0.2	1.4	-1.2
	Apr	-1.2	-4.7	-5.2	-0.6	-0.7
	May	1.8	4.0	3.6	-2.8	1.4
	Jun	-0.6	0.6	1.1	-0.7	-1.4
	Jul	1.5	0.9	-0.6	-0.9	-1.9
	Aug	-0.3	-0.1	0.5	2.9	1.7
	Sep	-1.9	0.7	0.2	-0.3	1.5
	Oct	1.5	1.4	-0.6	0.5	0.5
	Nov	1.0	1.1	2.2	2.6	-0.6
	Dec	-0.5	0.7	-3.3	-4.3	-1.0
2018	Jan	2.4	-0.4	-0.4	4.5	1.3
	Feb	-4.2	-0.7	-4.7	1.5	0.1
	Mar	0.1	0.1	0.8	-	0.4
	Apr	2.2	-0.3	1.1	-0.5	-0.3
	May	-2.8	2.4	-4.5	0.5	2.3
	Jun	0.7	0.7	4.1	-0.1	-1.4
	Jul	-1.7	-0.6	-0.6	1.4	-1.1
	Aug	-0.5	-0.4	-0.9	-2.0	-0.1
	Sep	-0.8	1.6	-1.0	-0.5	2.2
	Oct	-1.0	0.5	1.5	1.7	0.6
Percentage change, latest 3 months on same 3 months a year ago						
		S2HC	S2HD	S2HE	S2HF	S2HG
2016	Oct	4.9	0.2	4.5	6.4	-3.4
	Nov	5.2	3.5	6.7	2.3	0.2
	Dec	6.2	4.3	8.7	-1.2	5.0
2017	Jan	5.3	4.7	12.5	-4.3	5.7
	Feb	3.7	3.8	11.6	-2.9	6.5
	Mar	2.2	4.3	12.2	0.7	4.1
	Apr	2.3	2.5	7.8	3.0	3.4
	May	4.2	1.9	7.3	1.8	2.2
	Jun	4.2	1.6	6.2	0.2	1.3
	Jul	3.8	4.1	7.6	-2.3	0.3
	Aug	3.1	5.2	7.9	-2.1	-0.7
	Sep	1.1	5.3	6.8	-1.4	-0.9
	Oct	-0.3	5.5	5.5	-1.2	0.5
	Nov	-0.3	4.9	3.5	-0.2	-0.6
	Dec	0.8	5.9	0.3	-	-0.9
2018	Jan	2.7	5.3	-2.8	2.1	0.3
	Feb	2.5	5.1	-5.8	2.7	0.9
	Mar	2.0	3.8	-6.7	3.1	1.9
	Apr	1.3	5.0	-4.9	2.5	0.9
	May	0.2	5.9	-5.1	3.2	1.9
	Jun	0.2	7.0	-4.7	4.6	2.3
	Jul	-1.9	6.0	-6.3	6.8	2.9
	Aug	-2.5	5.4	-5.8	6.1	2.5
	Sep	-3.3	5.1	-6.6	5.2	2.4
	Oct	-3.8	5.0	-6.8	3.8	2.0

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IOSCOMP

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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
2016 Oct	3.8	0.3	2.4	0.7	0.9
Nov	3.0	2.6	4.9	0.6	2.0
Dec	0.8	2.3	6.5	-	1.3
2017 Jan	-1.1	2.8	8.0	-1.9	0.2
Feb	-1.8	1.1	5.6	-2.0	-1.9
Mar	-1.5	2.0	2.5	0.3	-2.1
Apr	-0.6	-0.5	-3.1	2.4	0.2
May	0.9	-0.7	-4.0	1.9	0.6
Jun	0.9	-1.7	-3.8	-1.1	0.7
Jul	1.8	1.5	0.4	-3.5	-1.0
Aug	1.0	2.1	1.4	-2.4	-1.4
Sep	0.8	2.7	1.7	-0.6	-0.7
Oct	-0.3	1.6	0.4	1.9	1.1
Nov	-0.3	2.2	0.7	2.4	2.1
Dec	0.6	2.8	0.1	1.4	1.3
2018 Jan	1.9	2.6	-0.5	1.3	-0.1
Feb	0.9	1.4	-3.9	0.9	-0.4
Mar	-0.3	-	-4.7	3.4	0.6
Apr	-2.0	-0.8	-5.2	2.8	0.8
May	-1.4	0.1	-3.3	2.3	1.5
Jun	-0.8	1.3	-1.7	0.3	1.1
Jul	-1.4	2.5	-1.1	0.6	0.9
Aug	-1.7	1.7	0.6	0.3	-0.8
Sep	-2.8	0.9	-0.4	-	-0.6
Oct	-2.3	0.6	-0.1	-0.9	0.3

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IOSCOMP

IOS: Index of Services

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

seasonally adjusted 2016 = 100

continued

	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**
	S2M7	S2M8	S2M9	S2MA	S2MB
2013	85.6	105.8	105.8	97.4	97.4
2014	94.1	103.8	103.8	98.9	98.9
2015	99.3	101.8	101.8	100.6	100.6
2016	100.0	100.0	100.0	100.0	100.0
2017	107.5	100.3	100.3	100.5	100.5
2016 Oct	98.5	99.9	99.9	99.7	99.7
Nov	97.5	99.8	99.8	99.9	99.9
Dec	98.5	99.8	99.8	100.3	100.3
2017 Jan	101.8	99.8	99.8	100.8	100.8
Feb	103.2	99.9	99.9	101.0	101.0
Mar	105.1	100.1	100.1	100.8	100.8
Apr	104.7	100.3	100.3	100.5	100.5
May	108.0	100.4	100.4	100.4	100.4
Jun	109.1	100.4	100.4	100.3	100.3
Jul	108.3	100.3	100.3	100.4	100.4
Aug	109.0	100.2	100.2	100.4	100.4
Sep	109.3	100.3	100.3	100.5	100.5
Oct	109.1	100.4	100.4	100.5	100.5
Nov	110.2	100.6	100.6	100.4	100.4
Dec	112.8	100.6	100.6	100.3	100.3
2018 Jan	111.3	100.6	100.6	100.2	100.2
Feb	109.9	100.6	100.6	100.3	100.3
Mar	111.1	100.7	100.7	100.6	100.6
Apr	110.9	100.7	100.7	100.9	100.9
May	110.5	100.7	100.7	101.0	101.0
Jun	107.8	100.6	100.6	100.8	100.8
Jul	111.5	100.6	100.6	100.7	100.7
Aug	110.5	100.6	100.6	100.7	100.7
Sep	108.9	100.6	100.6	101.0	101.0
Oct	112.1	100.6	100.6	101.2	101.2
Percentage change, latest year on previous year					
	S23D	S23E	S23F	S23G	S23H
2013	9.3	-2.4	-2.4	0.7	0.7
2014	9.9	-1.8	-1.8	1.5	1.5
2015	5.6	-1.9	-1.9	1.7	1.7
2016	0.7	-1.8	-1.8	-0.6	-0.6
2017	7.5	0.3	0.3	0.5	0.5
Percentage change, latest month on same month a year ago					
	S283	S284	S285	S286	S287
2016 Oct	-2.9	-1.2	-1.2	-1.2	-1.2
Nov	-5.1	-1.2	-1.2	-1.1	-1.1
Dec	-4.5	-1.3	-1.3	-0.9	-0.9
2017 Jan	-0.7	-0.9	-0.9	0.2	0.2
Feb	-1.7	-0.7	-0.7	-	-
Mar	3.0	-0.1	-0.1	0.8	0.8
Apr	3.1	0.3	0.3	1.1	1.1
May	12.2	0.7	0.7	0.3	0.3
Jun	10.4	0.7	0.7	0.4	0.4
Jul	10.0	0.5	0.5	0.6	0.6
Aug	9.3	0.4	0.4	0.7	0.7
Sep	7.7	0.4	0.4	0.9	0.9
Oct	10.8	0.6	0.6	0.8	0.8
Nov	13.1	0.7	0.7	0.4	0.4
Dec	14.6	0.8	0.8	-	-
2018 Jan	9.4	0.8	0.8	-0.5	-0.5
Feb	6.5	0.7	0.7	-0.7	-0.7
Mar	5.8	0.6	0.6	-0.2	-0.2
Apr	5.9	0.4	0.4	0.3	0.3
May	2.3	0.3	0.3	0.6	0.6
Jun	-1.3	0.2	0.2	0.5	0.5
Jul	2.9	0.3	0.3	0.4	0.4
Aug	1.4	0.3	0.3	0.3	0.3
Sep	-0.4	0.2	0.2	0.5	0.5
Oct	2.7	0.1	0.1	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

continued

		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 month on previous month						
		S23D	S23E	S23F	S23G	S23H
2016	Oct	-3.0	-	-	0.1	0.1
	Nov	-1.0	-	-	0.2	0.2
	Dec	1.0	-	-	0.4	0.4
2017	Jan	3.3	-	-	0.5	0.5
	Feb	1.4	0.1	0.1	0.2	0.2
	Mar	1.8	0.2	0.2	-0.2	-0.2
	Apr	-0.4	0.2	0.2	-0.2	-0.2
	May	3.1	0.1	0.1	-0.2	-0.2
	Jun	1.1	-	-	-0.1	-0.1
	Jul	-0.8	-0.1	-0.1	-	-
	Aug	0.7	-0.1	-0.1	0.1	0.1
	Sep	0.3	0.1	0.1	0.1	0.1
	Oct	-0.2	0.1	0.1	-	-
	Nov	1.0	0.1	0.1	-0.1	-0.1
	Dec	2.4	0.1	0.1	-	-
2018	Jan	-1.3	-	-	-0.1	-0.1
	Feb	-1.2	-	-	0.1	0.1
	Mar	1.1	-	-	0.3	0.3
	Apr	-0.2	-	-	0.3	0.3
	May	-0.4	-	-	0.1	0.1
	Jun	-2.4	-0.1	-0.1	-0.2	-0.2
	Jul	3.4	-	-	-0.1	-0.1
	Aug	-0.8	-	-	-	-
	Sep	-1.5	-	-	0.3	0.3
	Oct	3.0	-	-	0.2	0.2
Percentage change, latest 3 months on same 3 months a year ago						
		S2HH	S2HI	S2HJ	S2HK	S2HL
2016	Oct	0.3	-1.3	-1.3	-1.2	-1.2
	Nov	-1.6	-1.2	-1.2	-1.2	-1.2
	Dec	-4.2	-1.2	-1.2	-1.1	-1.1
2017	Jan	-3.4	-1.1	-1.1	-0.6	-0.6
	Feb	-2.3	-0.9	-0.9	-0.2	-0.2
	Mar	0.2	-0.6	-0.6	0.3	0.3
	Apr	1.4	-0.2	-0.2	0.6	0.6
	May	6.0	0.3	0.3	0.7	0.7
	Jun	8.5	0.5	0.5	0.6	0.6
	Jul	10.9	0.6	0.6	0.4	0.4
	Aug	9.9	0.5	0.5	0.6	0.6
	Sep	9.0	0.4	0.4	0.7	0.7
	Oct	9.3	0.5	0.5	0.8	0.8
	Nov	10.5	0.6	0.6	0.7	0.7
	Dec	12.8	0.7	0.7	0.4	0.4
2018	Jan	12.3	0.8	0.8	-	-
	Feb	10.1	0.8	0.8	-0.4	-0.4
	Mar	7.2	0.7	0.7	-0.5	-0.5
	Apr	6.1	0.6	0.6	-0.2	-0.2
	May	4.6	0.4	0.4	0.3	0.3
	Jun	2.3	0.3	0.3	0.5	0.5
	Jul	1.3	0.3	0.3	0.5	0.5
	Aug	1.0	0.3	0.3	0.4	0.4
	Sep	1.3	0.3	0.3	0.4	0.4
	Oct	1.2	0.2	0.2	0.5	0.5

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seasonally adjusted 2016 = 100

continued

	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
2016	Oct	2.1	0.1	0.1	-0.3	-0.3
	Nov	0.1	-	-	-0.1	-0.1
	Dec	-1.7	-	-	0.3	0.3
2017	Jan	-0.7	-0.1	-0.1	0.7	0.7
	Feb	2.0	-	-	0.9	0.9
	Mar	5.3	0.1	0.1	0.9	0.9
	Apr	5.1	0.3	0.3	0.4	0.4
	May	4.7	0.5	0.5	-0.1	-0.1
	Jun	3.8	0.5	0.5	-0.4	-0.4
	Jul	4.0	0.3	0.3	-0.4	-0.4
	Aug	2.7	-	-	-0.2	-0.2
	Sep	1.5	-0.1	-0.1	-	-
	Oct	0.6	-0.1	-0.1	0.1	0.1
	Nov	0.7	0.1	0.1	0.1	0.1
	Dec	1.7	0.2	0.2	-0.1	-0.1
2018	Jan	2.1	0.3	0.3	-0.2	-0.2
	Feb	1.6	0.2	0.2	-0.2	-0.2
	Mar	0.1	0.1	0.1	-	-
	Apr	-0.7	0.1	0.1	0.3	0.3
	May	-0.5	0.1	0.1	0.5	0.5
	Jun	-1.0	-	-	0.5	0.5
	Jul	-0.7	-	-	0.3	0.3
	Aug	-0.8	-0.1	-0.1	-0.1	-0.1
	Sep	0.5	-0.1	-0.1	-0.1	-0.1
	Oct	0.6	-0.1	-0.1	0.1	0.1

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

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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**
	S2MC	S2MD	S2ME	S2MF	S2MG
2013	93.8	92.2	99.0	98.4	96.7
2014	96.9	96.1	100.0	98.9	99.1
2015	98.4	97.7	100.6	100.9	99.8
2016	100.0	100.0	100.0	100.0	100.0
2017	99.6	99.7	96.5	101.2	102.2
2016 Oct	99.8	99.9	99.4	99.6	99.9
Nov	99.7	99.7	99.5	99.4	100.7
Dec	99.8	99.9	99.3	99.6	102.8
2017 Jan	99.7	99.8	98.9	99.6	103.3
Feb	99.6	99.7	98.4	100.1	101.5
Mar	99.7	99.7	97.8	101.3	100.6
Apr	99.8	99.7	97.3	102.5	102.3
May	99.9	99.8	96.9	103.0	100.6
Jun	99.7	99.6	96.6	102.5	101.0
Jul	99.6	99.7	96.4	101.4	101.1
Aug	99.3	99.6	96.1	100.5	102.8
Sep	99.1	99.5	95.6	100.4	102.9
Oct	99.3	99.6	95.1	100.8	103.9
Nov	99.5	99.9	94.7	101.3	102.4
Dec	99.6	100.1	94.4	101.7	104.1
2018 Jan	99.6	100.1	94.2	101.7	103.1
Feb	99.6	100.1	94.3	101.4	102.8
Mar	99.7	100.3	94.4	100.8	104.5
Apr	99.7	100.4	94.6	100.1	105.6
May	99.7	100.5	94.9	99.6	105.9
Jun	99.8	100.6	95.1	99.5	107.5
Jul	99.8	100.6	95.1	99.6	106.8
Aug	100.0	100.8	95.2	99.8	106.7
Sep	100.1	100.9	95.2	99.9	108.4
Oct	100.4	101.2	95.3	100.0	107.0
Percentage change, latest year on previous year					
	S23I	S23J	S23K	S23L	S23M
2013	2.3	2.8	0.2	1.3	-3.6
2014	3.4	4.3	1.0	0.5	2.5
2015	1.5	1.6	0.5	2.0	0.7
2016	1.6	2.4	-0.5	-0.9	0.2
2017	-0.4	-0.3	-3.5	1.2	2.2
Percentage change, latest month on same month a year ago					
	S288	S289	S28A	S28B	S28C
2016 Oct	0.6	1.0	0.1	-1.5	0.9
Nov	0.3	0.7	0.8	-2.2	0.5
Dec	0.3	0.9	0.5	-2.8	-0.8
2017 Jan	-0.1	0.5	-0.2	-3.2	2.0
Feb	-0.6	-0.1	-1.4	-2.5	1.0
Mar	-0.6	-0.4	-2.8	0.1	0.6
Apr	-0.3	-0.4	-4.1	3.1	4.4
May	-0.2	-0.4	-4.6	4.9	2.0
Jun	-0.4	-0.6	-4.3	4.3	1.6
Jul	-0.5	-0.6	-3.6	2.3	0.2
Aug	-0.8	-0.6	-3.2	0.7	4.6
Sep	-0.7	-0.5	-3.5	0.4	3.2
Oct	-0.5	-0.3	-4.2	1.2	4.0
Nov	-0.2	0.1	-4.8	2.0	1.7
Dec	-0.2	0.2	-5.0	2.1	1.3
2018 Jan	-	0.3	-4.7	2.1	-0.2
Feb	-	0.4	-4.2	1.3	1.3
Mar	-	0.6	-3.5	-0.5	3.9
Apr	-0.2	0.6	-2.7	-2.3	3.2
May	-0.2	0.7	-2.1	-3.3	5.2
Jun	0.1	0.9	-1.6	-2.9	6.4
Jul	0.3	0.9	-1.3	-1.8	5.6
Aug	0.7	1.2	-0.9	-0.7	3.8
Sep	1.0	1.5	-0.4	-0.4	5.4
Oct	1.1	1.6	0.1	-0.8	3.0

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	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 month on previous month					
	S23I	S23J	S23K	S23L	S23M
2016 Oct	-0.1	-0.1	0.2	-0.3	0.2
Nov	-0.1	-0.1	0.2	-0.2	0.8
Dec	0.1	0.2	-0.2	0.2	2.1
2017 Jan	-0.1	-0.1	-0.4	-	0.5
Feb	-	-0.1	-0.5	0.5	-1.7
Mar	0.1	-0.1	-0.6	1.1	-0.9
Apr	0.2	0.1	-0.6	1.2	1.7
May	0.1	0.1	-0.4	0.5	-1.6
Jun	-0.2	-0.2	-0.3	-0.5	0.4
Jul	-0.1	0.1	-0.2	-1.1	0.1
Aug	-0.2	-0.1	-0.3	-0.9	1.6
Sep	-0.2	-0.2	-0.4	-0.1	0.1
Oct	0.1	0.2	-0.5	0.4	1.0
Nov	0.2	0.3	-0.5	0.5	-1.4
Dec	0.1	0.2	-0.3	0.3	1.6
2018 Jan	-	-	-0.2	-	-0.9
Feb	-	-	-	-0.3	-0.3
Mar	-	0.1	0.2	-0.6	1.7
Apr	-	0.1	0.2	-0.7	1.0
May	-	0.1	0.3	-0.5	0.3
Jun	0.1	0.1	0.2	-0.1	1.5
Jul	-	-	0.1	0.1	-0.6
Aug	0.2	0.2	0.1	0.2	-0.2
Sep	0.1	0.1	-	0.1	1.7
Oct	0.2	0.3	-	-	-1.4
Percentage change, latest 3 months on same 3 months a year ago					
	S2HM	S2HN	S2HO	S2HP	S2HQ
2016 Oct	0.9	1.6	-1.0	-1.2	-0.4
Nov	0.6	1.1	-0.1	-1.6	-0.1
Dec	0.4	0.9	0.4	-2.2	0.2
2017 Jan	0.2	0.7	0.4	-2.7	0.6
Feb	-0.1	0.4	-0.4	-2.8	0.7
Mar	-0.5	-	-1.5	-1.8	1.2
Apr	-0.5	-0.3	-2.8	0.2	2.0
May	-0.4	-0.4	-3.8	2.7	2.3
Jun	-0.3	-0.5	-4.3	4.1	2.7
Jul	-0.4	-0.6	-4.2	3.8	1.3
Aug	-0.6	-0.6	-3.7	2.4	2.1
Sep	-0.7	-0.6	-3.4	1.1	2.6
Oct	-0.7	-0.5	-3.7	0.8	3.9
Nov	-0.5	-0.2	-4.2	1.2	3.0
Dec	-0.3	-	-4.7	1.7	2.3
2018 Jan	-0.1	0.2	-4.9	2.0	0.9
Feb	-0.1	0.3	-4.6	1.8	0.8
Mar	-	0.4	-4.2	1.0	1.7
Apr	-0.1	0.6	-3.5	-0.5	2.8
May	-0.1	0.6	-2.8	-2.0	4.1
Jun	-0.1	0.8	-2.1	-2.8	4.9
Jul	0.1	0.8	-1.6	-2.7	5.7
Aug	0.3	1.0	-1.2	-1.8	5.3
Sep	0.6	1.2	-0.9	-1.0	4.9
Oct	0.9	1.4	-0.4	-0.7	4.0

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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
Component		Q	86	87	88	R
2016 weights		**94**	**70**	**11**	**13**	**19**
Percentage change, latest 3 months on previous 3 months						
		S2CW	S2CX	S2CY	S2CZ	S2D2
2016	Oct	-0.2	-0.2	-1.5	1.3	-0.4
	Nov	-0.3	-0.4	-0.7	0.6	0.6
	Dec	-0.3	-0.4	-0.1	-0.1	1.5
2017	Jan	-0.2	-0.2	-	-0.3	3.0
	Feb	-0.1	-0.1	-0.5	0.1	2.4
	Mar	-0.1	-0.1	-1.0	0.8	0.7
	Apr	-	-0.1	-1.4	1.7	-0.8
	May	0.1	-0.1	-1.6	2.5	-1.3
	Jun	0.1	-	-1.5	2.3	-0.5
	Jul	-	-	-1.3	1.0	-0.5
	Aug	-0.3	-0.1	-1.0	-0.8	0.4
	Sep	-0.4	-0.1	-0.9	-1.8	0.9
	Oct	-0.5	-0.1	-1.0	-1.7	2.2
	Nov	-0.2	-	-1.2	-0.6	1.4
	Dec	0.1	0.2	-1.3	0.5	1.2
2018	Jan	0.3	0.4	-1.2	1.0	-
	Feb	0.3	0.5	-0.9	0.8	0.3
	Mar	0.2	0.3	-0.5	-	-
	Apr	0.1	0.2	-	-0.8	1.1
	May	-	0.3	0.4	-1.4	1.9
	Jun	0.1	0.3	0.6	-1.5	2.7
	Jul	0.1	0.3	0.6	-1.2	2.3
	Aug	0.2	0.3	0.5	-0.5	1.6
	Sep	0.3	0.3	0.4	-	1.0
	Oct	0.4	0.4	0.2	0.3	0.6

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IOSCOMP

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

seasonally adjusted 2016 = 100

continued

	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
2013	90.6	113.6	96.2	96.5	88.9
2014	89.0	110.7	100.6	102.3	98.6
2015	97.1	97.4	102.4	100.0	102.1
2016	100.0	100.0	100.0	100.0	100.0
2017	103.2	102.5	100.5	103.9	103.9
2016 Oct	94.7	107.7	99.1	101.5	99.9
Nov	99.3	102.7	99.0	103.9	102.0
Dec	108.9	103.2	99.3	101.5	104.3
2017 Jan	107.9	104.8	99.2	104.0	105.0
Feb	100.6	108.0	98.6	103.4	103.5
Mar	101.7	101.3	98.2	102.9	104.9
Apr	102.4	105.3	98.4	107.1	105.5
May	102.8	99.6	97.7	103.9	106.2
Jun	104.0	100.6	99.3	100.8	104.7
Jul	102.3	99.7	100.9	101.1	103.9
Aug	104.2	102.5	102.1	102.4	105.3
Sep	101.8	101.3	103.1	104.9	103.2
Oct	105.9	101.9	102.9	104.4	102.9
Nov	102.1	99.6	102.6	104.4	100.8
Dec	102.6	105.5	102.3	108.1	101.0
2018 Jan	104.8	102.9	101.5	104.2	102.0
Feb	105.6	101.9	102.5	100.7	101.3
Mar	108.8	107.5	102.8	100.4	102.3
Apr	112.3	106.7	102.2	102.7	102.5
May	112.2	107.7	101.0	105.6	101.3
Jun	116.6	110.3	100.9	106.1	100.9
Jul	117.2	109.5	101.8	101.5	100.7
Aug	115.8	106.7	102.6	102.9	100.1
Sep	123.4	104.7	102.8	103.0	99.0
Oct	119.8	102.3	102.1	103.3	100.4
Percentage change, latest year on previous year					
	S23N	S23O	S23P	S23Q	S23R
2013	-4.6	6.6	-4.2	-8.1	0.2
2014	-1.7	-2.5	4.6	6.0	11.0
2015	9.0	-12.0	1.8	-2.3	3.6
2016	3.0	2.7	-2.3	-	-2.1
2017	3.2	2.5	0.5	3.9	3.9
Percentage change, latest month on same month a year ago					
	S28D	S28E	S28F	S28G	S28H
2016 Oct	2.3	12.1	-5.0	2.6	-1.8
Nov	2.5	6.7	-5.9	7.5	-0.9
Dec	5.9	-2.3	-5.5	0.8	2.5
2017 Jan	5.8	3.8	-4.3	8.4	5.1
Feb	-0.9	12.1	-3.8	4.8	2.2
Mar	8.3	-4.9	-2.7	2.3	4.9
Apr	6.2	10.6	-1.2	8.2	6.1
May	3.4	3.0	-1.3	5.4	6.8
Jun	1.0	7.0	0.3	0.7	6.1
Jul	-2.7	2.7	1.8	-1.2	4.9
Aug	8.7	3.9	2.8	3.9	6.4
Sep	1.9	0.3	3.8	5.8	6.3
Oct	11.8	-5.4	3.9	2.9	3.1
Nov	2.9	-3.0	3.6	0.4	-1.1
Dec	-5.8	2.2	3.0	6.4	-3.1
2018 Jan	-2.9	-1.9	2.3	0.2	-2.9
Feb	5.1	-5.6	3.9	-2.6	-2.1
Mar	6.9	6.1	4.6	-2.5	-2.5
Apr	9.7	1.4	3.8	-4.1	-2.9
May	9.1	8.1	3.4	1.6	-4.5
Jun	12.1	9.7	1.7	5.2	-3.7
Jul	14.5	9.8	0.9	0.4	-3.1
Aug	11.1	4.1	0.4	0.5	-4.9
Sep	21.2	3.3	-0.3	-1.8	-4.1
Oct	13.2	0.4	-0.9	-1.1	-2.5

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continued

	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 month on previous month					
	S23N	S23O	S23P	S23Q	S23R
2016 Oct	-5.2	6.7	-0.2	2.3	2.8
Nov	4.9	-4.7	-0.1	2.4	2.1
Dec	9.7	0.6	0.3	-2.3	2.2
2017 Jan	-0.9	1.6	-0.1	2.4	0.7
Feb	-6.8	3.0	-0.6	-0.6	-1.5
Mar	1.2	-6.2	-0.4	-0.4	1.4
Apr	0.6	3.9	0.2	4.0	0.6
May	0.4	-5.4	-0.7	-3.0	0.6
Jun	1.1	0.9	1.6	-3.0	-1.3
Jul	-1.6	-0.8	1.7	0.3	-0.8
Aug	1.9	2.8	1.2	1.3	1.3
Sep	-2.3	-1.2	0.9	2.5	-1.9
Oct	4.0	0.6	-0.1	-0.5	-0.3
Nov	-3.5	-2.3	-0.3	-	-2.0
Dec	0.5	5.9	-0.3	3.5	0.2
2018 Jan	2.1	-2.5	-0.8	-3.6	0.9
Feb	0.8	-0.9	0.9	-3.4	-0.7
Mar	3.0	5.5	0.3	-0.3	1.0
Apr	3.2	-0.7	-0.6	2.3	0.2
May	-0.1	1.0	-1.1	2.8	-1.1
Jun	3.9	2.4	-0.1	0.5	-0.4
Jul	0.5	-0.7	0.9	-4.3	-0.2
Aug	-1.2	-2.6	0.7	1.3	-0.6
Sep	6.5	-1.9	0.2	0.1	-1.2
Oct	-2.9	-2.3	-0.7	0.2	1.4
Percentage change, latest 3 months on same 3 months a year ago					
	S2HR	S2HS	S2HT	S2HU	S2HV
2016 Oct	0.7	7.5	-3.8	-1.1	-3.9
Nov	1.5	8.5	-4.8	1.4	-3.0
Dec	3.6	5.3	-5.5	3.6	-0.1
2017 Jan	4.8	2.6	-5.3	5.5	2.2
Feb	3.6	4.3	-4.6	4.6	3.2
Mar	4.3	3.4	-3.6	5.1	4.1
Apr	4.4	5.6	-2.6	5.1	4.4
May	5.9	2.6	-1.7	5.3	6.0
Jun	3.5	6.9	-0.7	4.7	6.4
Jul	0.5	4.2	0.3	1.6	5.9
Aug	2.1	4.5	1.6	1.1	5.8
Sep	2.4	2.3	2.8	2.8	5.9
Oct	7.4	-0.5	3.5	4.2	5.2
Nov	5.4	-2.7	3.8	3.0	2.7
Dec	2.6	-2.1	3.5	3.2	-0.5
2018 Jan	-2.1	-0.9	3.0	2.3	-2.4
Feb	-1.4	-1.8	3.1	1.3	-2.7
Mar	2.9	-0.6	3.6	-1.6	-2.5
Apr	7.2	0.5	4.1	-3.0	-2.5
May	8.6	5.2	3.9	-1.7	-3.3
Jun	10.3	6.3	3.0	0.8	-3.7
Jul	11.9	9.2	2.0	2.4	-3.8
Aug	12.6	7.8	1.0	2.0	-3.9
Sep	15.6	5.7	0.4	-0.3	-4.0
Oct	15.1	2.6	-0.2	-0.8	-3.8

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continued

	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
2016 Oct	-5.5	6.8	0.3	-0.6	-0.4
Nov	-3.3	7.5	-	1.2	0.8
Dec	0.6	5.7	-0.1	2.3	3.7
2017 Jan	8.8	1.1	-0.1	3.4	5.2
Feb	8.0	1.5	-0.1	1.4	4.6
Mar	2.4	0.2	-0.4	1.1	2.4
Apr	-3.6	1.2	-0.7	1.3	0.8
May	-3.3	-3.1	-0.9	1.6	1.2
Jun	-0.3	-2.8	-0.2	0.5	1.0
Jul	1.4	-4.6	0.9	-2.4	0.3
Aug	1.2	-1.1	2.7	-3.1	-0.9
Sep	-0.3	-0.6	3.6	-1.1	-1.3
Oct	0.9	2.0	3.4	1.9	-1.1
Nov	-0.2	-	2.1	3.1	-2.2
Dec	0.8	1.1	0.6	2.8	-2.4
2018 Jan	-0.8	0.7	-0.6	1.6	-2.4
Feb	1.0	2.5	-0.8	-0.2	-0.9
Mar	2.8	1.7	-0.3	-3.7	0.2
Apr	5.6	2.6	0.3	-4.0	0.7
May	6.5	3.7	-0.1	-1.4	0.6
Jun	6.8	4.0	-0.9	3.0	-0.3
Jul	5.9	3.6	-1.2	3.1	-1.0
Aug	4.9	1.4	-0.2	0.6	-1.4
Sep	4.5	-1.2	1.0	-2.2	-1.6
Oct	3.8	-4.2	1.2	-1.3	-1.1

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continued

	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**
	S2MM	S2MN	S2MO	S2MP	S2MQ
2013	91.8	75.0	88.9	98.6	98.6
2014	100.1	93.8	98.1	93.6	93.6
2015	100.4	104.4	103.3	92.5	92.5
2016	100.0	100.0	100.0	100.0	100.0
2017	93.7	114.4	110.4	92.3	92.3
2016 Oct	98.1	98.3	101.6	96.4	96.4
Nov	98.2	100.5	105.5	91.4	91.4
Dec	97.8	108.3	109.2	87.3	87.3
2017 Jan	96.6	110.1	111.0	88.4	88.4
Feb	95.7	105.2	109.5	88.7	88.7
Mar	95.2	117.0	110.7	89.2	89.2
Apr	95.1	109.8	113.3	91.3	91.3
May	95.4	115.6	113.3	92.3	92.3
Jun	95.2	112.9	111.1	96.7	96.7
Jul	95.4	115.9	108.8	98.4	98.4
Aug	94.6	118.2	111.7	97.5	97.5
Sep	92.6	117.0	109.5	95.3	95.3
Oct	90.3	118.7	110.4	91.4	91.4
Nov	89.0	115.6	107.9	88.3	88.3
Dec	89.6	117.3	107.5	90.1	90.1
2018 Jan	90.8	116.3	108.5	92.8	92.8
Feb	91.9	116.3	106.3	95.3	95.3
Mar	91.7	118.3	108.0	99.1	99.1
Apr	90.7	119.4	109.1	98.0	98.0
May	90.1	115.5	108.0	95.5	95.5
Jun	90.5	113.8	107.1	94.5	94.5
Jul	91.5	110.1	106.6	92.1	92.1
Aug	92.4	110.9	104.6	93.5	93.5
Sep	92.6	111.9	101.9	94.9	94.9
Oct	92.4	114.6	104.3	95.2	95.2
Percentage change, latest year on previous year					
	S23S	S23T	S23U	S23V	S23W
2013	-2.5	-1.9	2.7	1.9	1.9
2014	9.1	25.0	10.4	-5.1	-5.1
2015	0.3	11.3	5.2	-1.2	-1.2
2016	-0.4	-4.2	-3.2	8.1	8.1
2017	-6.3	14.4	10.4	-7.7	-7.7
Percentage change, latest month on same month a year ago					
	S28I	S28J	S28K	S28L	S28M
2016 Oct	-5.1	-3.7	1.3	1.7	1.7
Nov	-5.3	-2.3	3.1	-8.7	-8.7
Dec	-4.9	2.3	9.0	-12.3	-12.3
2017 Jan	-5.5	12.5	12.8	-7.5	-7.5
Feb	-6.8	5.8	9.2	-6.6	-6.6
Mar	-6.6	16.7	12.6	-8.0	-8.0
Apr	-5.9	7.9	16.1	-10.9	-10.9
May	-6.0	20.0	15.6	-13.9	-13.9
Jun	-5.4	21.6	13.3	-11.7	-11.7
Jul	-4.7	15.8	10.9	-10.2	-10.2
Aug	-3.7	15.2	12.9	-8.7	-8.7
Sep	-5.0	15.0	14.0	-6.7	-6.7
Oct	-7.9	20.8	8.7	-5.2	-5.2
Nov	-9.4	15.0	2.3	-3.4	-3.4
Dec	-8.5	8.3	-1.6	3.2	3.2
2018 Jan	-5.9	5.7	-2.3	4.9	4.9
Feb	-4.0	10.6	-3.0	7.4	7.4
Mar	-3.7	1.1	-2.4	11.2	11.2
Apr	-4.6	8.7	-3.7	7.4	7.4
May	-5.6	-	-4.6	3.5	3.5
Jun	-5.0	0.8	-3.6	-2.2	-2.2
Jul	-4.1	-4.9	-2.0	-6.5	-6.5
Aug	-2.4	-6.2	-6.3	-4.1	-4.1
Sep	-	-4.3	-7.0	-0.4	-0.4
Oct	2.3	-3.5	-5.5	4.2	4.2

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		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 month on previous month						
		S23S	S23T	S23U	S23V	S23W
2016	Oct	0.6	-3.4	5.8	-5.6	-5.6
	Nov	0.1	2.2	3.8	-5.2	-5.2
	Dec	-0.4	7.7	3.5	-4.5	-4.5
2017	Jan	-1.3	1.6	1.7	1.3	1.3
	Feb	-0.9	-4.4	-1.3	0.3	0.3
	Mar	-0.5	11.2	1.0	0.5	0.5
	Apr	-0.1	-6.1	2.4	2.4	2.4
	May	0.3	5.2	-	1.1	1.1
	Jun	-0.2	-2.3	-1.9	4.8	4.8
	Jul	0.2	2.6	-2.1	1.8	1.8
	Aug	-0.8	2.0	2.7	-1.0	-1.0
	Sep	-2.1	-1.0	-1.9	-2.3	-2.3
	Oct	-2.5	1.5	0.9	-4.1	-4.1
	Nov	-1.4	-2.6	-2.3	-3.4	-3.4
	Dec	0.6	1.4	-0.4	2.0	2.0
2018	Jan	1.4	-0.8	1.0	3.0	3.0
	Feb	1.2	-	-2.1	2.7	2.7
	Mar	-0.2	1.8	1.7	4.0	4.0
	Apr	-1.1	0.9	1.0	-1.1	-1.1
	May	-0.7	-3.2	-1.0	-2.6	-2.6
	Jun	0.4	-1.5	-0.8	-1.1	-1.1
	Jul	1.1	-3.3	-0.5	-2.6	-2.6
	Aug	1.0	0.7	-1.8	1.5	1.5
	Sep	0.3	0.9	-2.6	1.5	1.5
	Oct	-0.2	2.5	2.4	0.3	0.3
Percentage change, latest 3 months on same 3 months a year ago						
		S2HW	S2HX	S2HY	S2HZ	S2I2
2016	Oct	-4.2	-3.4	-3.7	12.8	12.8
	Nov	-5.1	-3.5	-1.3	1.6	1.6
	Dec	-5.1	-1.2	4.5	-6.6	-6.6
2017	Jan	-5.2	4.0	8.2	-9.5	-9.5
	Feb	-5.8	6.8	10.3	-8.8	-8.8
	Mar	-6.3	11.7	11.5	-7.4	-7.4
	Apr	-6.5	10.1	12.6	-8.6	-8.6
	May	-6.2	14.7	14.7	-11.0	-11.0
	Jun	-5.8	16.3	15.0	-12.2	-12.2
	Jul	-5.4	19.1	13.3	-11.9	-11.9
	Aug	-4.6	17.4	12.4	-10.2	-10.2
	Sep	-4.5	15.3	12.6	-8.6	-8.6
	Oct	-5.5	16.9	11.8	-6.9	-6.9
	Nov	-7.4	16.9	8.1	-5.2	-5.2
	Dec	-8.6	14.5	3.0	-1.9	-1.9
2018	Jan	-7.9	9.5	-0.6	1.5	1.5
	Feb	-6.1	8.2	-2.3	5.2	5.2
	Mar	-4.5	5.6	-2.6	7.8	7.8
	Apr	-4.1	6.6	-3.0	8.6	8.6
	May	-4.6	3.2	-3.6	7.3	7.3
	Jun	-5.1	3.1	-4.0	2.8	2.8
	Jul	-4.9	-1.4	-3.4	-1.8	-1.8
	Aug	-3.8	-3.5	-4.0	-4.3	-4.3
	Sep	-2.2	-5.2	-5.1	-3.7	-3.7
	Oct	-	-4.7	-6.3	-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

IOSCOMP

IOS: Index of Services

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

seasonally adjusted 2016 = 100

continued

	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
2016 Oct	-2.8	4.7	0.9	-6.4	-6.4
Nov	-1.7	1.7	2.8	-11.0	-11.0
Dec	-0.6	0.9	8.0	-13.6	-13.6
2017 Jan	-0.4	5.4	9.8	-12.5	-12.5
Feb	-1.2	7.7	8.8	-8.8	-8.8
Mar	-2.2	8.2	4.7	-3.2	-3.2
Apr	-2.2	4.1	2.4	0.8	0.8
May	-1.5	5.8	2.3	3.1	3.1
Jun	-0.6	1.8	1.9	5.2	5.2
Jul	-	3.7	-0.1	6.7	6.7
Aug	-0.2	1.3	-1.7	7.3	7.3
Sep	-1.1	3.8	-2.3	3.9	3.9
Oct	-3.0	2.8	-0.5	-1.1	-1.1
Nov	-4.7	1.3	-1.1	-6.0	-6.0
Dec	-4.8	0.2	-1.3	-7.3	-7.3
2018 Jan	-2.9	-1.3	-2.3	-4.6	-4.6
Feb	0.2	-0.4	-1.7	1.2	1.2
Mar	2.1	-0.2	-0.9	6.5	6.5
Apr	1.8	1.4	-0.1	7.9	7.9
May	0.1	0.9	0.9	5.2	5.2
Jun	-1.2	-0.6	0.4	0.3	0.3
Jul	-0.8	-4.1	-0.5	-3.5	-3.5
Aug	0.7	-5.2	-2.1	-4.3	-4.3
Sep	1.9	-4.5	-3.5	-2.7	-2.7
Oct	2.0	-0.6	-3.4	0.5	0.5

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