Office for National Statistics

Statistical bulletin

Index of Services, UK: May 2017

Monthly movements in output for the services industries: distribution, hotels and restaurants; transport, storage and communication; business services and finance; and government and other services.

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1 . Main points

- Services output increased by 0.2% between April and May 2017.

- The largest contribution to the month-on-month growth came from business services and finance, which contributed 0.23 percentage points.

- In the 3 months to May 2017, services output increased by 0.4% compared with the 3 months ending February 2017, with all four main components increasing.

- Services output increased by 2.4% in May 2017 compared with May 2016, following growth of 2.1% in April 2017 compared with April 2016.

2 . Things you need to know about this release

The monthly Index of Services (IoS) provides a timely indicator of growth in the output of the services industries and is the largest contributor to the output approach to the measurement of gross domestic product (GDP), accounting for 78.8% of UK GDP in 2013.

The IoS measures the UK output in: distribution, hotels and restaurants; transport, storage and communication; business services and finance; and government and other services. These data are used to produce seasonally adjusted estimates of output at chained volume measures (removing the effect of inflation). Unless otherwise stated, all estimates included in this release are based on seasonally adjusted data.

Data relating to the retail industry are broadly comparable with Retail sales in Great Britain: June 2017, published on 20 July 2017.

This May 2017 release contains revisions from April 2017. This means that we have incorporated additional data since this period.

Revisions can be made for a variety of reasons, the most common include:

- late responses to surveys and administrative sources

- forecasts being replaced by actual data

- revisions to seasonal adjustment factors, which are re-estimated every month and reviewed annually

This revisions period is consistent with the National Accounts Revisions Policy.

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

3 . Index of Services (IoS) main figures and the longer-term trend

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

Table 1: Index of Services main figures, May 2017

UK   Percentage Change

	Percentage of Services [1]	Index number (2013 = 100)	Most recent month on a year earlier	Most recent 3 months on a year earlier	Most recent month on previous month	Most recent 3 months on previous 3 months
Index of Services	100.0	110.9	2.4	2.4	0.2	0.4
Distribution, hotels and restaurants	17.3	118.2	3.5	3.7	-0.1	0.6
Transport, storage and communication	13.5	113.0	4.0	4.1	0.4	0.3
Business services and finance	40.3	111.6	2.4	2.1	0.6	0.4
Government and other services	29.0	104.8	1.1	1.2	0.0	0.2

Source: Office for National Statistics

Notes:

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

Figure 1 shows the seasonally adjusted index time series for the IoS over the past decade; this shows continued services growth following the economic downturn. The monthly IoS series can be volatile and therefore we recommend that monthly growths are viewed in the context of the longer-term trend and 3-month on 3-month growth rates.

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

UK

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

UK

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

Index (2013 = 100)

120.0

100.0

80.0

0.0

May 2007   May 2008   May 2009   May 2010   May 2011   May 2012   May 2013   May 2014   May 2015   May 2016   May 2017

—— Rolling 3 months   —— Month on Month
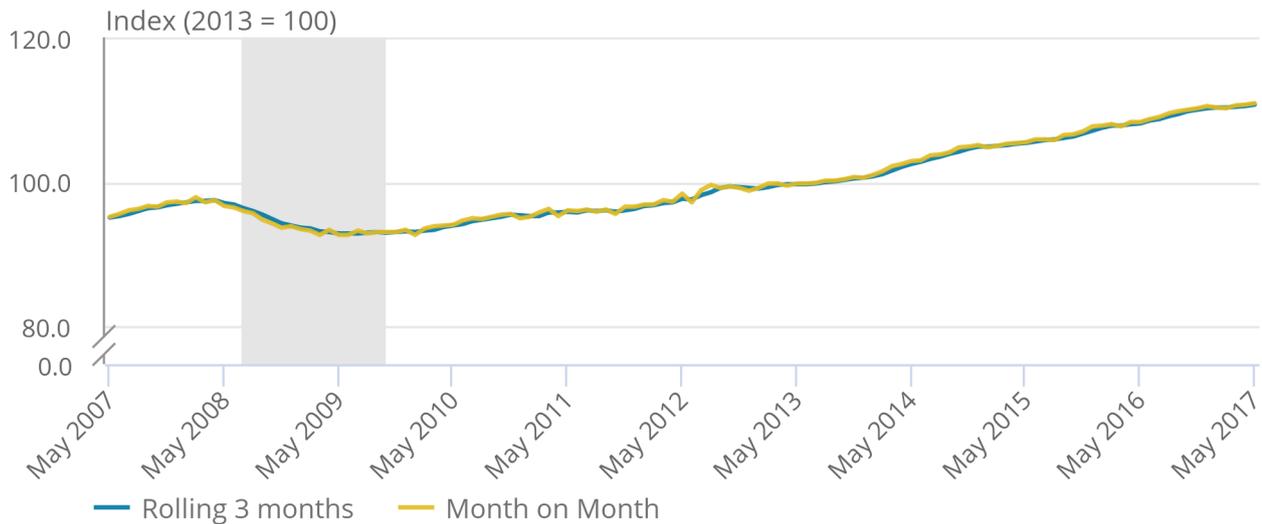
Source: Office for National Statistics

4 . Month-on-month services growth increased in May 2017

During May 2017, services output increased by 0.2% following a rise of 0.1% during April 2017.

Figure 2 shows the pattern of Index of Services (IoS) headline growth rates since January 2015 and Figure 3 shows the month-on-month contributions of each of the main IoS components.

Figure 2: Index of Services headline growth rates from January 2015 to May 2017

UK

Figure 2: Index of Services headline growth rates from January 2015 to May 2017

UK
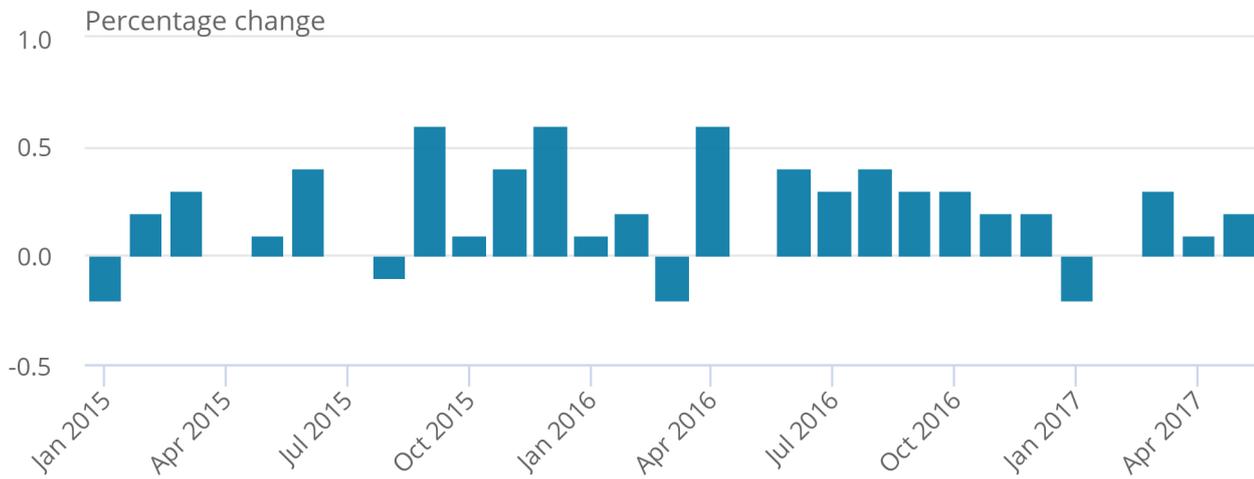
Source: Office for National Statistics

Figure 3: Contributions[1] to growth in services between April 2017 and May 2017
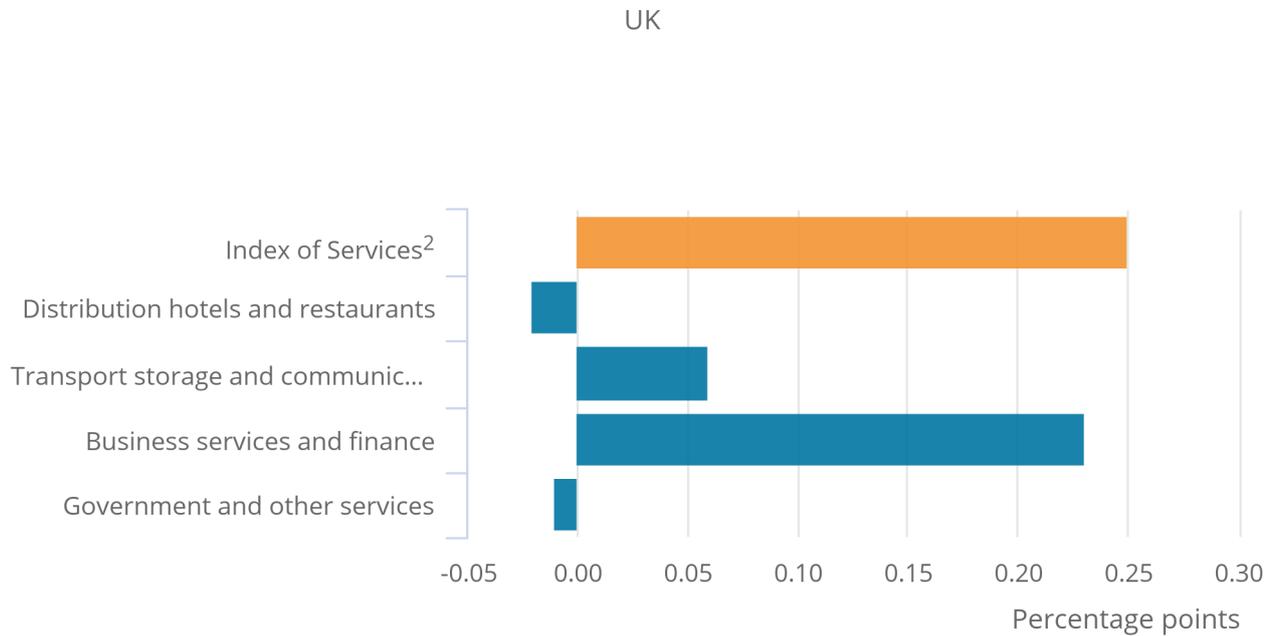
UK

Source: Office for National Statistics

Notes:

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

2. Percentage change.

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

- business services and finance increased by 0.6%, contributing 0.23 percentage points

- transport, storage and communication increased by 0.4%, contributing 0.06 percentage points

In contrast distribution hotels and restaurants decreased by 0.1%, contributing negative 0.02 percentage points. Government and other services was flat.

The main sector driving IoS growth is business services and finance, with employment activities increasing by 3.7%, contributing 0.05 percentage points. In addition, other professional, scientific and technical activities grew by 4.8%, contributing 0.04 percentage points, and accounting activities grew by 2.5%, contributing 0.03 percentage points to headline growth.

Motor trades were the largest contribution in the distribution, hotels and restaurants sector, increasing by 2.7%, contributing 0.07 percentage points. This is the joint largest contribution to IoS. Further information on car registrations in May can be found on the Society of Motor Manufacturers and Traders (SMMT) website. Retail trade offset this and decreased by 1.1%, contributing negative 0.08 percentage points. Please see the Retail Sales – June 2017 release for more information.

Motion picture activities were the largest contribution in the transport, storage and communication sector, increasing by 6.2%, contributing 0.07 percentage points. This is the joint largest contribution to IoS. Further information on the high-grossing films in May can be found on the British Film Institute (BFI) website. Telecommunications partially offset some of this and decreased by 2.9%, contributing negative 0.06 percentage points.

5 . Motion picture activities in more detail

With an Index of Services (IoS) weight of 7.8 parts per thousand, the motion pictures industry, or motion picture, video and television programme production, sound recording and music publishing activities (UK Standard Industrial Classifications 2007 (SIC 2007)), covers:

- production of theatrical and non-theatrical motion pictures whether on film, video tape or disc for direct projection in theatres or for broadcasting on television

- supporting activities such as film editing, cutting, dubbing

- distribution of motion pictures and other film productions to other industries

- motion picture or other film productions projection

- buying and selling of motion picture or other film productions distribution rights is also included

- sound recording activities, that is production of original sound master recordings, releasing, promoting and distributing them, publishing of music as well as sound recording service activities in a studio or elsewhere.

Data for this industry is collected via the monthly business survey with the larger businesses within the sample more associated with television programme production, motion picture production and distribution, and projection as opposed to sound recording.

Figure 4: Seasonally adjusted Index of motion pictures output, May 2007 to May 2017

UK

Figure 4: Seasonally adjusted Index of motion pictures output, May 2007 to May 2017

UK

Index (2013 = 100)

— Rolling 3 months — Month on Month

Source: Office for National Statistics

Figure 4 shows that the industry was not significantly impacted during the downturn between Quarter 2 (Apr to June) 2008 and Quarter 2 2009. By the latter half of 2011 the industry had passed its pre-downturn peak and has shown gradual positive growth. From the start of 2015 onwards the industry has shown accelerated growth.

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

6 . 3-month on 3-month services growth increased in May 2017

Figure 5 shows that services output increased by 0.4% in the 3 months ending May 2017 when compared with the 3 months ending February 2017.

Figure 5: Contributions[1] to growth in services during most recent 3 months compared with previous 3 months

UK

Figure 5: Contributions^1^ to growth in services during most recent 3 months compared with previous 3 months

UK
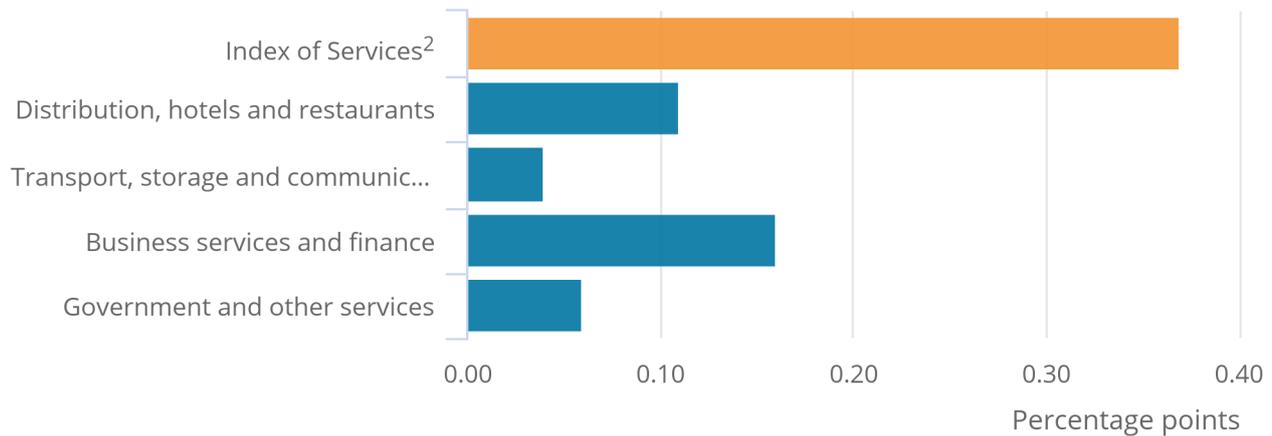
Source: Office for National Statistics

Notes:

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

2. Percentage change.

All four main components of the services industries increased during the most recent 3 months to May 2017 compared with the previous 3 months to February 2017. In order of their contribution to growth:

- business services and finance increased by 0.4%, contributing 0.16 percentage points

- distribution, hotels and restaurants increased by 0.6%, contributing 0.11 percentage points

- government and other services increased by 0.2%, contributing 0.06 percentage points

- transport, storage and communication increased by 0.3%, contributing 0.04 percentage points

Industries contributing to the 0.4% rise in May were:

- motion picture activities, which increased by 9.4%, contributing 0.10 percentage points

- office administrative activities, which increased by 5.5%, contributing 0.09 percentage points

- food and beverage service activities, which increased by 2.4%, contributing 0.07 percentage points

- accounting activities, which increased by 4.8%, contributing 0.06 percentage points

- retail trade, which increased by 0.8%, contributing 0.06 percentage points

More detail on individual components can be found in the Index of Services publication tables dataset.

7 . Services grew by 2.4% between May 2016 and May 2017

Figure 6 shows services output increased by 2.4% in May 2017 compared with May 2016, following growth of 2.1% in April 2017 compared with April 2016.

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

UK

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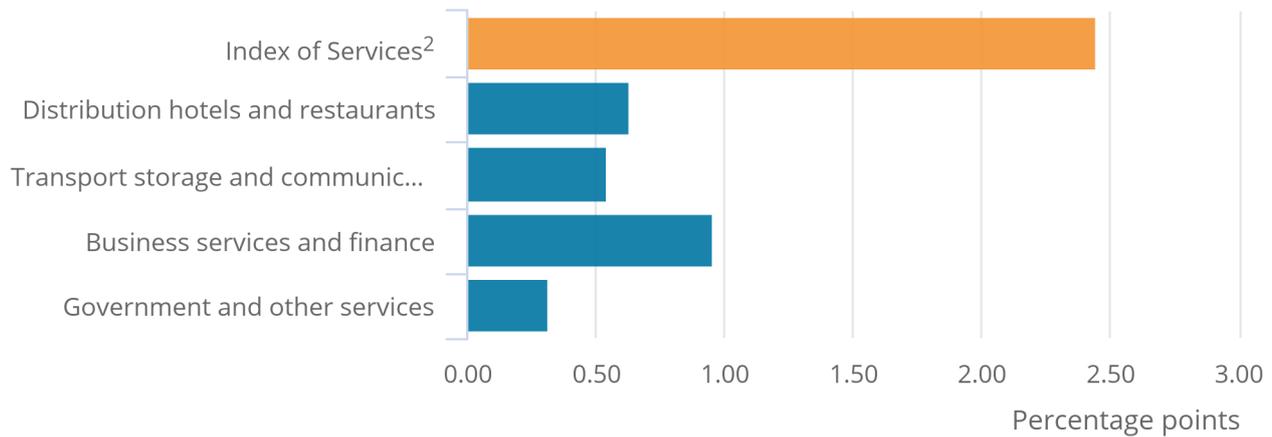
UK

Source: Office for National Statistics

Notes:

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

2. Percentage change.

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

- business services and finance increased by 2.4%, contributing 0.96 percentage points

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

- transport, storage and communication increased by 4.0%, contributing 0.54 percentage points

- government and other services increased by 1.1%, contributing 0.32 percentage points

Industries contributing to the 2.4% rise in May were:

- motion picture activities, which increased by 26.2%, contributing 0.24 percentage points

- wholesale trade, which increased by 5.1%, contributing 0.21 percentage points

- food and beverage service activities, which increased by 7.7%, contributing 0.21 percentage points

8 . What is the contribution of services to GDP?

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

Also published today (26 July 2017) is the Gross domestic product, preliminary estimate: Apr to June 2017 reporting that GDP in Quarter 2 (Apr to June) 2017, increased by 0.3% compared with the previous quarter. The services aggregate was the dominant contributor to the quarter-on-quarter percentage change in GDP, contributing 0.42 percentage points. Both production and construction contributed negative 0.06 percentage points and agriculture 0.00 percentage points to the headline figure.

9 . Links to related statistics

Tables such as response rates and revisions, previously found in the background notes, can now be found in the main datasets.

Monthly economic commentary was published alongside this release, presenting new analysis on the latest economic data.

Methods and sources

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

International comparisons

International comparison with the Index of Services is difficult, as most comparable economies don't produce equivalent estimates. Eurostat turnover in services estimates are not comparable with the Index of Services (IoS), as they exclude the wholesale and retail trade; furthermore, most of the estimates are only available quarterly. The USA also produces services output estimates, but only on a quarterly basis, with a 4-month lag time. Japan has a direct equivalent of the IoS, but the estimates are not seasonally adjusted. The closest equivalent estimates are from Canada, which produces a monthly output estimate of GDP with a breakdown by industry (including an aggregate for services). There are also comparable quarterly estimates from Sweden and Ireland.

10 . Feedback on this bulletin

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

11 . Quality and methodology

The monthly Index of Services (IoS) was developed to provide a timely indicator of growth in the output of services industries, at constant prices for the UK. The IoS is an important component of monthly output (GDP(O)), representing about 78.8% of UK gross domestic product (GDP) as of 2013. The IoS shares the exact same industry coverage as the corresponding quarterly series within GDP(O).

The Index of Services datasets contain additional material, including:

- Monthly Business Survey (MBS) response rates

- publication tables

- revisions triangles

- lower-level time series data

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

- the strengths and limitations of the data and how it compares with related data

- uses and users of the data

- how the output was created

- the quality of the output including the accuracy of the data

IOS1 IOS: Index of Services [1]
Chained volume indices of gross value added [2,3,4]   seasonally adjusted 2013 = 100

			Industry sections (SIC2007)		
	Total service industries	Distribution hotels and restaurants	Transport, storage and communication	Business services and finance	Govern-ment and other services
Section	G-T	G and I	H and J	K-N	O-T
2013 weights	**1000**	**173**	**135**	**403**	**290**
	S2KU	S2MV	KI7B	KI7L	KI7T
2012	98.3	96.6	98.3	97.9	99.7
2013	100.0	100.0	100.0	100.0	100.0
2014	103.3	104.8	103.0	103.9	101.7
2015	106.0	109.5	106.8	106.9	102.2
2016	109.0	115.1	110.8	109.5	103.8
2015 May	105.5	108.5	106.3	106.3	102.1
Jun	105.9	109.5	107.2	106.6	102.2
Jul	105.9	109.8	106.8	106.7	102.2
Aug	105.8	109.1	107.2	106.6	102.1
Sep	106.5	110.5	106.9	107.5	102.5
Oct	106.6	110.6	107.4	107.7	102.5
Nov	107.0	111.1	108.1	107.9	102.9
Dec	107.7	111.7	109.3	108.4	103.5
2016 Jan	107.8	112.9	109.4	108.2	103.5
Feb	108.0	113.2	109.1	108.6	103.6
Mar	107.7	113.2	107.5	108.5	103.5
Apr	108.3	113.7	109.4	109.2	103.5
May	108.3	114.2	108.7	109.0	103.6
Jun	108.7	114.5	109.9	109.4	103.7
Jul	109.0	114.3	111.5	109.7	103.9
Aug	109.5	115.6	112.4	109.9	103.9
Sep	109.8	116.3	112.4	110.2	104.0
Oct	110.0	117.8	112.6	110.2	104.0
Nov	110.2	118.0	112.2	110.6	104.2
Dec	110.5	117.5	114.4	110.5	104.4
2017 Jan	110.3	116.4	111.9	111.1	104.7
Feb	110.2	117.6	111.4	110.8	104.6
Mar	110.6	117.2	113.2	111.1	104.7
Apr	110.7	118.3	112.6	111.0	104.8
May	110.9	118.2	113.0	111.6	104.8
Percentage change, latest year on previous year					
	S222	S243	KI77	KI7G	KI7O
2012	2.4	1.6	2.1	3.2	1.9
2013	1.8	3.5	1.8	2.1	0.3
2014	3.3	4.8	3.0	3.9	1.7
2015	2.6	4.5	3.7	2.9	0.5
2016	2.9	5.1	3.7	2.4	1.6
Percentage change, latest month on same month a year ago					
	S26Q	S28R	KI7A	KI7I	KI7Q
2015 May	2.5	4.1	3.8	2.9	0.2
Jun	2.8	4.8	4.3	3.0	0.6
Jul	2.2	4.8	3.2	2.2	0.1
Aug	2.0	3.5	3.0	2.4	-
Sep	2.3	4.3	2.6	2.6	0.4
Oct	1.7	4.1	1.7	1.8	0.2
Nov	2.1	3.6	3.2	1.8	1.0
Dec	2.5	3.7	3.9	2.0	1.6
2016 Jan	2.8	5.2	3.9	2.0	2.1
Feb	2.8	4.9	3.1	2.4	1.9
Mar	2.3	4.2	2.0	1.9	1.7
Apr	2.8	4.5	3.5	2.7	1.6
May	2.7	5.2	2.2	2.5	1.5
Jun	2.6	4.5	2.5	2.6	1.5
Jul	2.9	4.1	4.4	2.8	1.7
Aug	3.4	5.9	4.8	3.0	1.7
Sep	3.1	5.3	5.2	2.5	1.5
Oct	3.2	6.5	4.8	2.4	1.5
Nov	3.0	6.2	3.7	2.5	1.3
Dec	2.6	5.2	4.7	2.0	0.8
2017 Jan	2.3	3.1	2.4	2.7	1.2
Feb	2.1	3.9	2.1	2.0	1.0
Mar	2.7	3.5	5.3	2.4	1.2
Apr	2.1	4.0	2.9	1.6	1.3
May	2.4	3.5	4.0	2.4	1.1

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

seasonally adjusted 2013 = 100

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2013 weights	**1000**	**173**	**135**	**403**	**290**

Percentage change, latest month on previous month

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

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

	S2G6	S2I7	KI7C	KI7J	KI7R
2015 May	2.8	4.6	4.1	3.3	0.3
Jun	2.7	4.5	4.1	3.1	0.3
Jul	2.5	4.6	3.8	2.7	0.3
Aug	2.3	4.4	3.5	2.5	0.2
Sep	2.1	4.2	2.9	2.4	0.1
Oct	2.0	4.0	2.5	2.2	0.2
Nov	2.0	4.0	2.5	2.1	0.5
Dec	2.1	3.8	2.9	1.9	0.9
2016 Jan	2.5	4.1	3.7	1.9	1.5
Feb	2.7	4.6	3.7	2.1	1.9
Mar	2.6	4.8	3.0	2.1	1.9
Apr	2.6	4.5	2.9	2.3	1.7
May	2.6	4.6	2.6	2.4	1.6
Jun	2.7	4.7	2.7	2.6	1.5
Jul	2.8	4.6	3.0	2.6	1.6
Aug	3.0	4.8	3.9	2.8	1.6
Sep	3.1	5.1	4.8	2.8	1.6
Oct	3.2	5.9	4.9	2.6	1.5
Nov	3.1	6.0	4.6	2.4	1.4
Dec	2.9	6.0	4.4	2.3	1.2
2017 Jan	2.6	4.8	3.6	2.4	1.1
Feb	2.3	4.1	3.1	2.2	1.0
Mar	2.3	3.5	3.2	2.4	1.1
Apr	2.3	3.8	3.4	2.0	1.2
May	2.4	3.7	4.1	2.1	1.2

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

seasonally adjusted 2013 = 100

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

Percentage change, latest 3 months on previous 3 months

	S2BG	S2DH	KI7D	KI7K	KI7S
2015 May	0.4	1.0	0.4	0.2	0.2
Jun	0.5	0.9	0.9	0.2	0.5
Jul	0.5	0.7	1.1	0.2	0.4
Aug	0.5	0.7	1.2	0.3	0.3
Sep	0.5	0.8	0.5	0.5	0.2
Oct	0.5	0.7	0.3	0.7	0.2
Nov	0.8	1.1	0.4	1.0	0.5
Dec	1.0	1.2	1.2	0.9	0.7
2016 Jan	1.1	1.7	1.6	0.8	0.9
Feb	1.0	1.7	1.6	0.6	0.8
Mar	0.7	1.8	0.4	0.4	0.5
Apr	0.5	1.3	-0.2	0.6	0.2
May	0.3	1.0	-0.7	0.5	-
Jun	0.6	0.9	0.6	0.7	0.1
Jul	0.6	0.8	1.3	0.6	0.2
Aug	0.9	0.9	2.5	0.7	0.3
Sep	0.9	1.1	2.6	0.7	0.3
Oct	1.0	2.0	2.2	0.7	0.2
Nov	0.9	2.2	1.0	0.6	0.2
Dec	0.8	2.0	0.8	0.5	0.3
2017 Jan	0.5	0.6	0.3	0.6	0.5
Feb	0.3	-0.1	0.2	0.4	0.4
Mar	0.1	-0.6	-0.8	0.5	0.4
Apr	0.2	0.3	-0.4	0.2	0.2
May	0.4	0.6	0.3	0.4	0.2

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RIOS1

Section		Total service industries	Distribution hotels and restaurants	Transport, storage and communication	Business services and finance	Govern- ment and other services
				Industry sections (SIC2007)		
Section		G-T	G and I	H and J	K-N	O-T
2013 weights		**1000**	**173**	**135**	**403**	**290**
		S2KU	S2MV	KI7B	KI7L	KI7T
2012		-	-	-	-	-
2013		-	-	-	-	-
2014		-	-	-	-	-
2015		-	-	-	-	-
2016		-	-	-	-	-
2015	Apr	-	-	-	-	-
	May	-	-	-	-	-
	Jun	-	-	-	-	-
	Jul	-	-	-	-	-
	Aug	-	-	-	-	-
	Sep	-	-	-	-	-
	Oct	-	-	-	-	-
	Nov	-	-	-	-	-
	Dec	-	-	-	-	-
2016	Jan	-	-	-	-	-
	Feb	-	-	-	-	-
	Mar	-	-	-	-	-
	Apr	-	-	-	-	-
	May	-	-	-	-	-
	Jun	-	-	-	-	-
	Jul	-	-	-	-	-
	Aug	-	-	-	-	-
	Sep	-	-	-	-	-
	Oct	-	-	-	-	-
	Nov	-	-	-	-	-
	Dec	-	-	-	-	-
2017	Jan	-	-	-	-	-
	Feb	-	-	-	-	-
	Mar	-	-	-	-	-
	Apr	-0.1	-0.1	0.2	-0.4	-

Percentage change, latest year on previous year

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

Percentage change, latest month on same month a year ago

		S26Q	S28R	KI7A	KI7I	KI7Q
2015	Apr	-	-	-	-	-
	May	-	-	-	-	-
	Jun	-	-	-	-	-
	Jul	-	-	-	-	-
	Aug	-	-	-	-	-
	Sep	-	-	-	-	-
	Oct	-	-	-	-	-
	Nov	-	-	-	-	-
	Dec	-	-	-	-	-
2016	Jan	-	-	-	-	-
	Feb	-	-	-	-	-
	Mar	-	-	-	-	-
	Apr	-	-	-	-	-
	May	-	-	-	-	-
	Jun	-	-	-	-	-
	Jul	-	-	-	-	-
	Aug	-	-	-	-	-
	Sep	-	-	-	-	-
	Oct	-	-	-	-	-
	Nov	-	-	-	-	-
	Dec	-	-	-	-	-
2017	Jan	-	-	-	-	-
	Feb	-	-	-	-	-
	Mar	-	-	-	-	-
	Apr	-0.2	-0.1	0.1	-0.4	-

The earliest period open for revision is April 2017

RIOS1

IOS: Index of Services
Revisions since previously published estimates

seasonally adjusted 2013 = 100

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

Percentage change, latest month on previous month

	S222	S243	KI77	KI7G	KI7O
2015 Apr	-	-	-	-	-
May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2016 Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-	-	-	-	-
May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2017 Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-0.1	-0.1	0.1	-0.4	-

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

	S2G6	S2I7	KI7C	KI7J	KI7R
2015 Apr	-	-	-	-	-
May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2016 Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-	-	-	-	-
May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2017 Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-	-	-	-0.2	-

The earliest period open for revision is April 2017

RIOS1

IOS: Index of Services
Revisions since previously published estimates

seasonally adjusted 2013 = 100

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

Percentage change, latest 3 months on previous 3 months

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

The earliest period open for revision is April 2017

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

IOSCOMP

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

seasonally adjusted 2013 = 100

	Industry components (SIC2007)				
	Wholesale and retail. repair of motor vehicles and motorcycles	Wholesale trade, except motor vehicles and motorcycles	Retail trades except of motor vehicles and motorcycles	Land transport	Air transport
Component	45	46	47	49	51
2013 weights	**23**	**42**	**71**	**22**	**6**
	S2KW	S2KX	S2KY	KFV6	S2L5
2012	89.8	92.5	98.7	98.5	96.3
2013	100.0	100.0	100.0	100.0	100.0
2014	109.2	105.4	103.9	107.5	105.9
2015	118.3	107.9	108.6	111.7	107.7
2016	131.3	110.3	113.6	112.9	116.8
2015 May	116.7	106.9	107.9	111.1	108.1
Jun	120.3	108.2	108.4	111.7	108.0
Jul	119.6	109.2	108.5	110.9	108.7
Aug	117.9	108.9	108.1	111.6	108.7
Sep	120.4	106.4	110.6	112.6	109.1
Oct	120.7	107.8	109.2	112.4	110.7
Nov	121.4	107.3	111.1	113.5	110.0
Dec	126.2	108.8	109.6	112.5	108.0
2016 Jan	128.1	109.1	112.1	113.2	110.6
Feb	129.8	108.8	111.4	113.0	114.8
Mar	132.5	108.4	111.0	110.1	111.8
Apr	130.9	109.3	112.2	114.3	113.6
May	130.0	108.3	113.4	111.5	115.7
Jun	131.4	110.1	112.3	112.3	117.4
Jul	127.5	108.6	114.3	111.1	119.1
Aug	130.6	110.2	114.7	113.3	118.5
Sep	134.0	110.9	114.5	114.4	119.1
Oct	133.6	112.1	116.8	114.6	120.3
Nov	132.3	113.5	116.5	112.9	120.6
Dec	134.6	114.2	114.1	114.2	120.1
2017 Jan	131.2	112.9	113.6	114.6	120.0
Feb	130.5	114.2	115.3	113.4	121.3
Mar	133.9	112.9	113.8	114.2	121.8
Apr	129.2	113.7	116.6	113.5	118.9
May	132.8	113.8	115.3	114.0	122.6

Percentage change, latest year on previous year

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

Percentage change, latest month on same month a year ago

	S26S	S26T	S26U	KFI6	S26Z
2015 May	8.4	2.2	4.2	3.3	1.5
Jun	10.2	3.4	4.5	3.3	1.3
Jul	9.6	3.4	4.5	1.9	4.0
Aug	7.0	2.5	3.4	1.3	1.4
Sep	8.7	-1.7	6.9	2.9	1.7
Oct	8.8	0.8	3.8	1.2	3.5
Nov	8.1	-0.2	4.4	1.9	3.8
Dec	11.4	1.3	2.2	1.5	2.1
2016 Jan	13.6	1.1	4.8	2.2	4.9
Feb	13.9	1.6	4.1	1.6	12.9
Mar	15.6	0.5	3.4	-0.7	5.9
Apr	13.5	1.2	3.9	3.2	4.7
May	11.3	1.3	5.1	0.4	7.0
Jun	9.2	1.7	3.5	0.6	8.7
Jul	6.6	-0.5	5.4	0.2	9.5
Aug	10.8	1.2	6.1	1.5	9.0
Sep	11.3	4.3	3.5	1.6	9.2
Oct	10.6	4.0	7.0	1.9	8.7
Nov	8.9	5.8	4.9	-0.6	9.6
Dec	6.7	4.9	4.0	1.5	11.2
2017 Jan	2.4	3.5	1.4	1.2	8.5
Feb	0.5	4.9	3.6	0.4	5.6
Mar	1.1	4.1	2.5	3.7	8.9
Apr	-1.3	4.0	3.9	-0.7	4.7
May	2.2	5.1	1.7	2.2	6.0

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.
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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

	Industry components (SIC2007)				
	Wholesale and retail. repair of motor vehicles and motorcycles	Wholesale trade, except motor vehicles and motorcycles	Retail trades except of motor vehicles and motorcycles	Land transport	Air transport
Component	45	46	47	49	51
2013 weights	**23**	**42**	**71**	**22**	**6**

Percentage change, latest month on previous month

	S224	S225	S226	KFV5	S22B
2015 May	1.2	-1.1	-0.1	0.3	-0.3
Jun	3.1	1.3	0.5	0.5	-0.1
Jul	-0.6	0.8	-	-0.7	0.7
Aug	-1.5	-0.3	-0.4	0.6	-
Sep	2.1	-2.3	2.3	0.9	0.4
Oct	0.3	1.4	-1.2	-0.2	1.5
Nov	0.6	-0.5	1.7	1.0	-0.6
Dec	3.9	1.4	-1.3	-0.9	-1.8
2016 Jan	1.6	0.2	2.2	0.6	2.4
Feb	1.3	-0.2	-0.7	-0.2	3.8
Mar	2.0	-0.3	-0.4	-2.5	-2.6
Apr	-1.2	0.8	1.1	3.8	1.6
May	-0.8	-1.0	1.1	-2.5	1.8
Jun	1.1	1.7	-1.0	0.8	1.5
Jul	-3.0	-1.4	1.8	-1.1	1.5
Aug	2.5	1.5	0.3	1.9	-0.5
Sep	2.6	0.7	-0.2	1.0	0.5
Oct	-0.3	1.1	2.1	0.1	1.0
Nov	-1.0	1.3	-0.2	-1.5	0.2
Dec	1.8	0.6	-2.1	1.1	-0.4
2017 Jan	-2.6	-1.1	-0.4	0.4	-0.1
Feb	-0.5	1.2	1.5	-1.0	1.1
Mar	2.6	-1.1	-1.4	0.6	0.4
Apr	-3.5	0.7	2.5	-0.6	-2.4
May	2.7	0.1	-1.1	0.4	3.1

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

	S2G8	S2G9	S2GA	KFI8	S2GF
2015 May	7.5	2.8	4.5	5.1	1.5
Jun	8.7	3.1	4.4	4.3	1.8
Jul	9.4	3.0	4.4	2.8	2.3
Aug	8.9	3.1	4.1	2.2	2.2
Sep	8.4	1.4	4.9	2.0	2.4
Oct	8.1	0.5	4.7	1.8	2.2
Nov	8.5	-0.4	5.0	2.0	3.0
Dec	9.5	0.6	3.4	1.5	3.1
2016 Jan	11.1	0.7	3.8	1.8	3.6
Feb	13.0	1.4	3.7	1.8	6.6
Mar	14.4	1.1	4.1	1.0	7.8
Apr	14.3	1.1	3.8	1.4	7.7
May	13.5	1.0	4.1	1.0	5.9
Jun	11.3	1.4	4.2	1.4	6.8
Jul	9.0	0.8	4.7	0.4	8.4
Aug	8.9	0.8	5.0	0.7	9.1
Sep	9.6	1.6	5.0	1.1	9.2
Oct	10.9	3.2	5.5	1.7	8.9
Nov	10.3	4.7	5.1	1.0	9.1
Dec	8.7	4.9	5.3	1.0	9.8
2017 Jan	6.0	4.7	3.4	0.7	9.7
Feb	3.2	4.4	3.0	1.0	8.4
Mar	1.3	4.2	2.5	1.7	7.7
Apr	0.1	4.4	3.4	1.1	6.4
May	0.6	4.4	2.7	1.7	6.5

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

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

seasonally adjusted 2013 = 100

	Wholesale and retail. repair of motor vehicles and motorcycles	Wholesale trade, except motor vehicles and motorcycles	Retail trades except of motor vehicles and motorcycles	Land transport	Air transport
			Industry components (SIC2007)		
Component	45	46	47	49	51
2013 weights	**23**	**42**	**71**	**22**	**6**

Percentage change, latest 3 months on previous 3 months

	S2BI	S2BJ	S2BK	KFJ2	S2BP
2015 May	2.0	0.1	0.6	-	3.0
Jun	3.2	0.1	1.0	0.2	3.8
Jul	3.7	0.4	0.8	0.3	2.9
Aug	3.2	1.1	0.5	0.5	1.0
Sep	1.6	0.4	0.9	0.5	0.6
Oct	0.6	-0.4	0.9	0.9	1.2
Nov	1.3	-1.5	1.8	1.3	1.4
Dec	2.9	-0.1	0.8	1.0	0.7
2016 Jan	4.6	0.7	1.5	0.8	-
Feb	5.9	1.6	0.7	-	1.1
Mar	6.0	0.7	1.4	-0.6	2.6
Apr	4.7	0.4	0.5	-0.5	3.5
May	2.4	-0.2	1.1	-0.8	2.3
Jun	0.5	0.4	1.0	0.5	2.8
Jul	-1.1	0.1	1.7	-0.8	3.5
Aug	-1.0	0.9	1.4	0.2	4.1
Sep	-0.1	0.6	1.7	0.2	2.9
Oct	2.4	1.9	1.8	2.2	1.7
Nov	2.7	2.3	1.9	1.6	1.4
Dec	2.1	3.1	1.1	0.8	1.2
2017 Jan	-	2.2	-0.5	-0.2	0.8
Feb	-0.9	1.4	-1.4	0.1	0.4
Mar	-1.2	-	-1.4	0.2	0.6
Apr	-1.1	0.1	0.4	-0.2	0.4
May	-0.1	-0.2	0.8	-0.2	0.5

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IOSCOMP

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

seasonally adjusted 2013 = 100

	Warehousing and support activities for transportation	Postal and courier activities	Accommodation	Food and beverage service activities	Publishing, audiovisual and broadcasting activities
			Industry components (SIC2007)		
Component	52	53	55	56	58-60
2013 weights	**13**	**8**	**10**	**27**	**21**
	S2L6	S2L7	S2L9	S2LA	KFW8
2012	97.4	98.4	96.9	104.8	95.3
2013	100.0	100.0	100.0	100.0	100.0
2014	108.6	99.6	102.8	103.2	96.4
2015	107.1	102.4	113.3	105.4	105.0
2016	103.2	104.6	120.2	110.9	114.5
2015 May	108.2	100.2	111.1	105.0	104.1
Jun	108.2	102.2	111.8	104.2	109.0
Jul	107.2	104.8	113.0	104.6	105.7
Aug	106.4	103.8	112.0	103.9	103.0
Sep	107.2	102.8	115.8	106.2	104.2
Oct	104.6	104.1	119.2	106.7	106.0
Nov	106.0	100.1	115.1	106.8	107.7
Dec	103.2	110.0	116.9	107.6	113.3
2016 Jan	103.3	106.7	114.4	107.7	109.0
Feb	103.1	105.3	120.9	107.8	109.6
Mar	102.1	101.2	120.3	107.7	111.7
Apr	104.2	102.8	119.1	108.1	107.6
May	102.1	105.0	119.2	110.5	108.4
Jun	101.7	102.9	118.9	110.8	114.2
Jul	103.4	100.3	119.3	109.8	119.4
Aug	103.4	103.9	121.5	111.7	118.1
Sep	102.7	104.4	117.8	113.8	119.4
Oct	102.6	105.7	122.7	113.7	114.2
Nov	104.1	107.0	123.1	114.5	116.9
Dec	106.0	110.6	124.9	114.7	125.0
2017 Jan	104.8	109.0	119.4	115.5	115.4
Feb	104.9	104.8	116.5	118.3	113.6
Mar	105.9	109.8	117.3	118.5	123.0
Apr	105.1	104.3	122.0	119.4	118.3
May	105.3	110.2	121.3	119.0	121.7

Percentage change, latest year on previous year

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

Percentage change, latest month on same month a year ago

	S272	S273	S275	S276	KFM4
2015 May	1.9	-0.3	6.3	2.2	9.5
Jun	1.3	2.1	9.7	1.0	15.2
Jul	-1.7	4.8	12.2	1.0	9.5
Aug	-4.0	5.1	8.7	0.3	6.7
Sep	-2.9	1.6	10.8	1.2	8.5
Oct	-8.5	3.8	13.3	2.8	8.9
Nov	-4.9	-0.1	7.4	2.1	9.9
Dec	-8.7	9.0	9.3	2.3	14.2
2016 Jan	-4.8	6.5	6.6	4.2	6.8
Feb	-4.4	6.0	9.0	2.6	6.6
Mar	-6.4	0.8	4.8	1.3	9.4
Apr	-3.9	1.5	6.7	2.1	7.2
May	-5.7	4.8	7.3	5.2	4.1
Jun	-6.0	0.7	6.4	6.3	4.7
Jul	-3.6	-4.3	5.6	4.9	13.0
Aug	-2.8	0.1	8.5	7.5	14.7
Sep	-4.2	1.6	1.7	7.2	14.5
Oct	-1.9	1.5	3.0	6.6	7.7
Nov	-1.8	6.9	6.9	7.3	8.5
Dec	2.8	0.5	6.9	6.6	10.3
2017 Jan	1.4	2.2	4.4	7.3	5.9
Feb	1.7	-0.4	-3.7	9.7	3.6
Mar	3.7	8.5	-2.6	10.0	10.1
Apr	0.9	1.4	2.5	10.5	9.9
May	3.1	4.9	1.7	7.7	12.3

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IOSCOMP

continued

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

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

Percentage change, latest month on previous month

	S22C	S22D	S22F	S22G	KFW7
2015 May	-0.2	-1.2	-0.5	-0.8	3.7
Jun	-	2.0	0.6	-0.7	4.8
Jul	-0.9	2.5	1.1	0.4	-3.1
Aug	-0.7	-0.9	-0.8	-0.7	-2.5
Sep	0.7	-0.9	3.4	2.2	1.2
Oct	-2.5	1.2	2.9	0.5	1.7
Nov	1.4	-3.8	-3.4	0.1	1.6
Dec	-2.7	9.8	1.6	0.7	5.2
2016 Jan	0.2	-3.0	-2.1	0.1	-3.8
Feb	-0.2	-1.3	5.7	0.2	0.6
Mar	-1.0	-3.9	-0.5	-0.2	2.0
Apr	2.0	1.6	-1.0	0.4	-3.7
May	-2.0	2.1	0.1	2.2	0.7
Jun	-0.4	-2.0	-0.2	0.3	5.3
Jul	1.6	-2.5	0.3	-0.9	4.6
Aug	-	3.6	1.8	1.8	-1.1
Sep	-0.7	0.5	-3.1	1.9	1.1
Oct	-0.1	1.2	4.2	-0.1	-4.3
Nov	1.5	1.3	0.3	0.7	2.3
Dec	1.8	3.3	1.5	0.2	7.0
2017 Jan	-1.2	-1.4	-4.4	0.8	-7.7
Feb	0.1	-3.8	-2.4	2.4	-1.6
Mar	1.0	4.7	0.7	0.1	8.3
Apr	-0.7	-5.0	4.1	0.8	-3.9
May	0.2	5.6	-0.6	-0.4	2.9

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

	S2GG	S2GH	S2GJ	S2GK	KFM6
2015 May	2.5	0.8	11.4	2.6	7.7
Jun	2.3	1.3	8.7	2.1	9.9
Jul	0.5	2.2	9.3	1.4	11.4
Aug	-1.5	4.0	10.2	0.7	10.5
Sep	-2.9	3.8	10.6	0.8	8.2
Oct	-5.2	3.5	11.0	1.4	8.0
Nov	-5.5	1.8	10.5	2.0	9.1
Dec	-7.4	4.2	10.0	2.4	11.0
2016 Jan	-6.2	5.1	7.7	2.9	10.3
Feb	-6.0	7.2	8.3	3.0	9.2
Mar	-5.2	4.4	6.8	2.7	7.6
Apr	-4.9	2.7	6.8	2.0	7.8
May	-5.3	2.3	6.2	2.9	6.9
Jun	-5.2	2.3	6.8	4.5	5.3
Jul	-5.1	0.3	6.4	5.5	7.3
Aug	-4.2	-1.2	6.8	6.2	10.7
Sep	-3.5	-0.9	5.2	6.5	14.1
Oct	-3.0	1.1	4.3	7.1	12.3
Nov	-2.6	3.3	3.8	7.0	10.2
Dec	-0.3	2.9	5.6	6.8	8.9
2017 Jan	0.8	3.1	6.1	7.1	8.3
Feb	1.9	0.8	2.4	7.9	6.7
Mar	2.2	3.4	-0.7	9.0	6.6
Apr	2.1	3.1	-1.3	10.1	7.9
May	2.6	4.9	0.5	9.4	10.8

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

seasonally adjusted 2013 = 100

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

Percentage change, latest 3 months on previous 3 months

	S2BQ	S2BR	S2BT	S2BU	KFM8
2015 May	-1.1	0.5	3.8	1.1	0.9
Jun	-0.2	1.3	0.4	0.1	2.2
Jul	-0.6	2.0	-0.5	-1.0	4.4
Aug	-1.2	2.9	-0.2	-1.3	3.6
Sep	-1.2	2.5	1.9	-0.1	-0.2
Oct	-1.7	1.2	3.3	0.9	-1.7
Nov	-1.3	-1.2	4.0	2.2	0.1
Dec	-2.2	0.9	3.0	2.0	4.5
2016 Jan	-1.8	2.0	-0.2	1.7	5.3
Feb	-2.6	4.9	0.6	1.1	4.4
Mar	-1.6	-0.3	1.3	0.7	1.0
Apr	-1.0	-2.4	4.0	0.5	-0.3
May	-0.4	-4.0	1.8	1.0	-1.2
Jun	-0.2	-0.8	0.4	1.9	-
Jul	-0.8	-0.4	-0.8	2.3	4.0
Aug	-	-0.6	0.3	1.9	7.3
Sep	0.5	-0.7	0.4	1.8	8.1
Oct	0.5	1.9	1.3	2.5	2.8
Nov	0.3	3.3	1.1	2.9	-0.4
Dec	1.1	4.7	3.4	2.3	-0.2
2017 Jan	2.0	4.0	1.5	1.6	1.6
Feb	2.0	2.3	-0.8	1.9	1.0
Mar	0.9	0.1	-4.8	2.8	-1.1
Apr	0.3	-2.4	-3.2	3.3	-0.7
May	0.2	-0.1	-0.1	2.4	2.5

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IOSCOMP

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

continued

seasonally adjusted 2013 = 100

		Industry components (SIC2007)			
	Telecom -munications	Computer programming, consultancy and related activities	Information service activities	Financial service activities except insurance and pension funding	Real estate activities
Component	61	62	63	64	68
2013 weights	**23**	**31**	**4**	**56**	**155**
	S2LE	S2LF	S2LG	S2LI	KFW4
2012	104.7	96.5	90.6	105.5	98.1
2013	100.0	100.0	100.0	100.0	100.0
2014	95.5	107.9	104.6	95.8	103.6
2015	98.6	113.8	110.3	97.3	105.2
2016	95.8	126.7	111.8	99.4	106.1
2015 May	99.9	110.9	119.5	96.7	105.0
Jun	99.2	112.4	110.5	95.9	105.2
Jul	97.9	113.7	110.9	95.5	105.4
Aug	102.1	115.1	104.9	95.6	105.6
Sep	98.4	114.4	108.9	96.2	105.6
Oct	97.8	116.6	108.5	96.5	105.5
Nov	97.2	118.8	111.5	97.2	105.4
Dec	98.0	120.4	105.1	98.3	105.9
2016 Jan	97.9	122.7	110.3	98.7	105.9
Feb	95.9	121.6	116.0	98.8	106.3
Mar	94.6	119.5	108.6	98.6	106.4
Apr	96.6	123.5	114.8	98.5	106.3
May	92.2	125.8	111.8	98.7	106.0
Jun	94.9	125.7	108.9	99.3	105.9
Jul	95.3	129.5	108.2	99.5	105.8
Aug	94.8	131.2	112.9	99.8	106.1
Sep	95.8	129.3	113.1	100.0	105.9
Oct	97.3	132.0	110.7	100.2	106.0
Nov	95.7	129.4	115.2	100.3	106.1
Dec	98.0	130.1	111.7	100.4	106.4
2017 Jan	96.2	127.5	113.9	100.5	106.5
Feb	94.4	129.6	110.8	100.7	106.7
Mar	92.3	130.4	112.6	100.9	106.6
Apr	96.6	130.1	113.1	101.2	107.0
May	93.8	128.9	115.5	101.5	107.3

Percentage change, latest year on previous year

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

Percentage change, latest month on same month a year ago

	S27A	S27B	S27C	S27E	KFK8
2015 May	5.8	2.1	18.1	3.1	1.3
Jun	3.3	4.3	2.6	1.6	1.9
Jul	2.0	4.5	5.7	0.6	1.2
Aug	7.4	4.9	0.9	0.5	1.5
Sep	2.7	4.0	3.9	0.7	1.2
Oct	2.1	4.0	0.4	-0.9	1.1
Nov	1.7	8.1	3.7	-1.7	1.1
Dec	2.6	9.5	-3.7	-1.9	1.5
2016 Jan	1.8	11.3	-0.8	-0.8	1.4
Feb	-1.9	8.5	3.3	-0.7	1.7
Mar	-5.5	10.1	-2.2	-0.3	1.6
Apr	-2.7	10.4	5.1	0.8	1.2
May	-7.7	13.5	-6.4	2.0	0.9
Jun	-4.3	11.8	-1.4	3.5	0.6
Jul	-2.6	13.9	-2.4	4.1	0.4
Aug	-7.1	14.0	7.6	4.4	0.4
Sep	-2.6	13.0	3.8	4.0	0.2
Oct	-0.5	13.2	2.0	3.9	0.5
Nov	-1.5	8.9	3.3	3.2	0.6
Dec	-	8.1	6.3	2.1	0.5
2017 Jan	-1.8	3.9	3.3	1.8	0.6
Feb	-1.5	6.5	-4.5	1.9	0.3
Mar	-2.5	9.1	3.7	2.4	0.1
Apr	-	5.3	-1.5	2.7	0.6
May	1.7	2.4	3.3	2.9	1.3

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IOSCOMP

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

	Telecom -munications	Computer programming, consultancy and related activities	Information service activities	Financial service activities except insurance and pension funding	Real estate activities
Component	61	62	63	64	68
2013 weights	**23**	**31**	**4**	**56**	**155**

Percentage change, latest month on previous month

	S22K	S22L	S22M	S22O	KFW3
2015 May	0.7	-0.9	9.4	-1.1	-0.1
Jun	-0.8	1.4	-7.6	-0.8	0.2
Jul	-1.3	1.1	0.4	-0.4	0.2
Aug	4.3	1.2	-5.4	0.1	0.2
Sep	-3.6	-0.6	3.8	0.6	-
Oct	-0.6	1.9	-0.4	0.3	-0.1
Nov	-0.6	1.9	2.7	0.7	-
Dec	0.9	1.3	-5.7	1.2	0.4
2016 Jan	-0.1	2.0	5.0	0.4	-
Feb	-2.1	-0.9	5.2	0.1	0.4
Mar	-1.3	-1.7	-6.4	-0.2	0.1
Apr	2.1	3.3	5.8	-	-0.1
May	-4.5	1.9	-2.6	0.1	-0.3
Jun	2.9	-0.1	-2.6	0.6	-0.1
Jul	0.4	3.0	-0.6	0.2	-0.1
Aug	-0.5	1.3	4.3	0.4	0.3
Sep	1.0	-1.4	0.1	0.2	-0.2
Oct	1.5	2.1	-2.1	0.2	0.2
Nov	-1.6	-2.0	4.1	0.1	0.1
Dec	2.4	0.5	-3.0	0.1	0.3
2017 Jan	-1.8	-2.0	2.0	0.1	0.1
Feb	-1.8	1.7	-2.7	0.2	0.1
Mar	-2.3	0.6	1.6	0.3	-0.1
Apr	4.7	-0.3	0.4	0.3	0.4
May	-2.9	-0.9	2.1	0.3	0.3

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

	S2GO	S2GP	S2GQ	S2GS	KFL2
2015 May	4.1	4.3	10.6	4.2	1.7
Jun	4.2	3.8	8.7	2.9	1.7
Jul	3.7	3.6	8.6	1.8	1.5
Aug	4.2	4.6	3.1	0.9	1.5
Sep	4.0	4.5	3.5	0.6	1.3
Oct	4.1	4.3	1.7	0.1	1.3
Nov	2.2	5.4	2.7	-0.7	1.1
Dec	2.1	7.2	0.1	-1.5	1.2
2016 Jan	2.0	9.6	-0.3	-1.5	1.3
Feb	0.8	9.7	-0.4	-1.2	1.5
Mar	-1.9	9.9	0.1	-0.6	1.6
Apr	-3.4	9.6	2.1	-0.1	1.5
May	-5.3	11.3	-1.3	0.8	1.2
Jun	-4.9	11.9	-1.1	2.1	0.9
Jul	-4.9	13.0	-3.5	3.2	0.6
Aug	-4.7	13.2	1.2	4.0	0.5
Sep	-4.1	13.6	2.9	4.2	0.3
Oct	-3.5	13.4	4.4	4.1	0.4
Nov	-1.6	11.7	3.0	3.7	0.5
Dec	-0.7	10.0	3.8	3.1	0.6
2017 Jan	-1.1	6.9	4.3	2.4	0.6
Feb	-1.1	6.1	1.5	1.9	0.5
Mar	-1.9	6.5	0.8	2.0	0.3
Apr	-1.3	6.9	-0.9	2.3	0.4
May	-0.3	5.5	1.8	2.7	0.7

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IOSCOMP

continued

	Telecom -munications	Computer programming, consultancy and related activities	Information service activities	Financial service activities except insurance and pension funding	Real estate activities
			Industry components (SIC2007)		
Component	61	62	63	64	68
2013 weights	**23**	**31**	**4**	**56**	**155**

Percentage change, latest 3 months on previous 3 months

	S2BY	S2BZ	S2C2	S2C4	KFL4
2015 May	3.4	-0.3	2.2	-2.0	0.5
Jun	1.4	1.3	1.4	-2.5	0.5
Jul	-0.1	1.3	2.5	-2.7	0.4
Aug	-0.1	3.0	-4.0	-2.2	0.5
Sep	-	2.4	-4.3	-1.1	0.4
Oct	0.4	2.7	-5.4	-	0.3
Nov	-1.9	2.6	0.8	1.0	0.1
Dec	-1.8	3.7	0.1	1.7	-
2016 Jan	-1.7	4.6	1.4	2.1	0.2
Feb	-0.5	4.2	0.8	2.0	0.5
Mar	-1.5	2.3	3.0	1.4	0.6
Apr	-2.0	0.8	3.9	0.6	0.6
May	-2.9	1.2	1.2	-	0.2
Jun	-1.6	3.1	0.2	0.2	-0.1
Jul	-1.6	4.5	-3.1	0.5	-0.4
Aug	0.6	4.7	-1.5	0.9	-0.3
Sep	0.8	4.0	-0.4	1.0	-0.1
Oct	1.9	3.0	2.3	0.9	0.1
Nov	1.3	1.2	2.7	0.7	0.1
Dec	1.7	0.4	1.0	0.5	0.2
2017 Jan	0.7	-1.4	1.2	0.4	0.3
Feb	-	-0.9	-0.7	0.3	0.5
Mar	-2.7	-1.0	-	0.4	0.4
Apr	-2.2	0.8	-1.2	0.6	0.4
May	-2.1	0.6	1.4	0.7	0.4

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	Other professional service activities	Other professional scientific and technical activities	Administrative and support service activities	Public admin and defence; compulsory social security	Education
Component	69-71	73-75	77-82	84	85
2013 weights	**67**	**18**	**59**	**66**	**80**
	KFX6	KFY2	S2LZ	S2M9	S2MB
2012	92.9	98.7	95.1	102.2	99.6
2013	100.0	100.0	100.0	100.0	100.0
2014	106.8	107.3	109.7	98.4	101.2
2015	112.0	110.2	115.2	96.0	102.0
2016	116.5	116.6	118.3	94.3	102.0
2015 May	112.2	108.0	113.3	96.2	101.9
Jun	112.5	111.0	114.8	95.8	102.0
Jul	111.6	109.1	117.4	95.4	102.2
Aug	111.5	108.0	116.5	95.4	102.3
Sep	114.5	110.1	117.2	95.3	102.3
Oct	114.1	112.9	116.6	95.2	102.1
Nov	114.1	111.9	116.5	95.2	102.1
Dec	113.9	113.6	115.7	95.1	102.3
2016 Jan	111.9	115.0	116.1	95.0	102.5
Feb	113.7	111.8	117.1	94.9	102.5
Mar	115.0	110.0	116.8	94.6	101.7
Apr	116.6	115.3	118.3	94.5	101.4
May	115.9	117.9	116.4	94.3	101.8
Jun	116.8	116.3	117.6	94.2	101.8
Jul	117.3	117.5	117.9	94.1	101.6
Aug	117.3	116.5	118.5	94.1	101.5
Sep	117.6	117.0	120.3	94.0	101.9
Oct	117.9	118.0	120.4	93.9	102.1
Nov	119.9	120.6	120.7	93.9	102.3
Dec	118.7	123.1	119.8	93.8	102.3
2017 Jan	121.3	116.7	121.4	93.9	102.7
Feb	119.4	116.3	121.1	93.9	102.9
Mar	120.6	114.8	121.9	93.9	102.9
Apr	120.1	114.9	120.9	93.8	103.1
May	121.0	119.0	122.2	93.7	103.3
Percentage change, latest year on previous year					
	KFX5	KFX9	S237	S23F	S23H
2012	3.9	6.6	8.2	-1.4	3.0
2013	7.6	1.3	5.1	-2.2	0.4
2014	6.8	7.3	9.7	-1.6	1.2
2015	4.9	2.7	5.1	-2.5	0.8
2016	4.0	5.8	2.7	-1.8	-0.1
Percentage change, latest month on same month a year ago					
	KFO6	KFQ2	S27V	S285	S287
2015 May	6.5	2.5	3.5	-2.3	0.6
Jun	5.0	3.5	4.2	-2.5	0.6
Jul	4.0	-0.6	5.1	-3.1	0.4
Aug	4.0	0.6	5.1	-3.1	0.6
Sep	5.7	2.2	5.2	-3.1	0.7
Oct	2.8	6.5	3.3	-3.1	0.7
Nov	3.6	-0.4	4.5	-3.0	0.8
Dec	3.6	1.5	2.1	-2.9	0.8
2016 Jan	2.2	2.4	3.2	-2.5	0.8
Feb	3.8	2.2	3.8	-2.4	0.7
Mar	4.9	-1.3	1.4	-2.4	-0.1
Apr	4.9	10.3	3.4	-2.2	-0.4
May	3.3	9.1	2.7	-2.0	-0.1
Jun	3.8	4.8	2.4	-1.7	-0.2
Jul	5.1	7.7	0.5	-1.3	-0.6
Aug	5.2	7.9	1.7	-1.3	-0.8
Sep	2.7	6.2	2.6	-1.3	-0.4
Oct	3.4	4.6	3.3	-1.4	-
Nov	5.1	7.8	3.6	-1.3	0.1
Dec	4.2	8.4	3.5	-1.4	-
2017 Jan	8.5	1.5	4.5	-1.2	0.2
Feb	5.1	4.0	3.4	-1.0	0.4
Mar	4.9	4.4	4.4	-0.8	1.2
Apr	3.0	-0.3	2.2	-0.7	1.7
May	4.4	0.9	5.0	-0.6	1.4

Industry components (SIC2007)

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

continued

			Industry components (SIC2007)		
	Other professional service activities	Other professional scientific and technical activities	Administrative and support service activities	Public admin and defence; compulsory social security	Education
Component	69-71	73-75	77-82	84	85
2013 weights	**67**	**18**	**59**	**66**	**80**

Percentage change, latest month on previous month

	KFX5	KFX9	S237	S23F	S23H
2015 May	0.9	3.3	-1.0	-0.4	0.1
Jun	0.2	2.7	1.3	-0.5	0.1
Jul	-0.9	-1.6	2.3	-0.5	0.1
Aug	-	-1.0	-0.8	-	0.2
Sep	2.6	1.9	0.7	-0.1	-
Oct	-0.3	2.5	-0.5	-0.1	-0.2
Nov	-	-0.9	-0.1	-0.1	0.1
Dec	-0.1	1.6	-0.7	-0.1	0.2
2016 Jan	-1.8	1.2	0.3	-0.1	0.2
Feb	1.6	-2.8	0.8	-0.1	-0.1
Mar	1.2	-1.6	-0.2	-0.2	-0.7
Apr	1.4	4.8	1.3	-0.2	-0.4
May	-0.6	2.3	-1.6	-0.2	0.5
Jun	0.8	-1.4	1.0	-0.1	-
Jul	0.4	1.1	0.3	-	-0.2
Aug	-	-0.8	0.5	-	-0.1
Sep	0.2	0.4	1.6	-0.1	0.4
Oct	0.3	0.9	0.1	-0.1	0.2
Nov	1.6	2.1	0.2	-	0.2
Dec	-1.0	2.1	-0.7	-0.1	-
2017 Jan	2.2	-5.2	1.3	0.1	0.3
Feb	-1.6	-0.4	-0.2	-	0.2
Mar	1.0	-1.2	0.7	-	-
Apr	-0.4	0.1	-0.9	-0.1	0.2
May	0.7	3.6	1.1	-0.1	0.2

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

	KFO8	KFQ4	S2HB	S2HJ	S2HL
2015 May	5.6	1.1	5.8	-2.0	0.8
Jun	5.9	0.9	4.6	-2.3	0.6
Jul	5.2	1.8	4.3	-2.6	0.5
Aug	4.3	1.1	4.8	-2.9	0.5
Sep	4.6	0.7	5.1	-3.1	0.5
Oct	4.2	3.1	4.5	-3.1	0.6
Nov	4.0	2.7	4.4	-3.1	0.7
Dec	3.3	2.5	3.3	-3.0	0.7
2016 Jan	3.1	1.2	3.3	-2.8	0.8
Feb	3.2	2.0	3.0	-2.6	0.8
Mar	3.6	1.1	2.8	-2.4	0.5
Apr	4.5	3.6	2.9	-2.3	0.1
May	4.3	5.9	2.5	-2.2	-0.2
Jun	4.0	8.0	2.9	-2.0	-0.2
Jul	4.1	7.2	1.8	-1.7	-0.3
Aug	4.7	6.8	1.5	-1.4	-0.5
Sep	4.3	7.3	1.6	-1.3	-0.6
Oct	3.7	6.2	2.5	-1.3	-0.4
Nov	3.7	6.2	3.1	-1.3	-0.1
Dec	4.2	6.9	3.5	-1.4	0.1
2017 Jan	5.9	5.8	3.9	-1.3	0.1
Feb	5.9	4.6	3.8	-1.2	0.2
Mar	6.1	3.3	4.1	-1.0	0.6
Apr	4.3	2.7	3.3	-0.8	1.1
May	4.1	1.6	3.8	-0.7	1.4

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seasonally adjusted 2013 = 100

	Industry components (SIC2007)				
	Other professional service activities	Other professional scientific and technical activities	Administrative and support service activities	Public admin and defence; compulsory social security	Education
Component	69-71	73-75	77-82	84	85
2013 weights	**67**	**18**	**59**	**66**	**80**

Percentage change, latest 3 months on previous 3 months

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

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	Industry components (SIC2007)			
	Human health and social work activities	Arts, entertainment and recreation	Other service activities	Activities of households as employers
Component	86-88	90-93	94-96	97
2013 weights	**93**	**18**	**27**	**5**
	S2MC	S2MG	S2ML	S2MQ
2012	97.5	103.6	99.5	98.0
2013	100.0	100.0	100.0	100.0
2014	102.0	102.2	111.3	94.6
2015	103.6	101.9	114.8	94.8
2016	107.0	103.3	121.0	109.1
2015 May	103.5	101.8	113.0	95.5
Jun	104.0	101.4	114.4	94.1
Jul	104.1	101.7	114.5	91.6
Aug	104.2	100.1	114.4	91.3
Sep	104.4	102.4	115.5	95.0
Oct	104.9	100.5	115.9	97.4
Nov	105.1	101.6	117.8	101.7
Dec	105.3	106.4	119.4	104.7
2016 Jan	105.9	102.2	119.0	104.7
Feb	106.3	100.7	120.2	104.9
Mar	106.5	100.9	121.1	106.3
Apr	106.6	101.2	121.6	108.0
May	106.6	102.9	120.8	108.2
Jun	106.7	104.5	121.1	108.1
Jul	106.9	105.2	122.2	109.3
Aug	107.2	102.4	123.0	111.0
Sep	107.3	104.6	121.5	110.1
Oct	107.6	104.0	120.7	111.4
Nov	107.8	104.9	120.8	112.8
Dec	108.0	106.6	120.2	114.6
2017 Jan	108.1	106.0	122.7	115.3
Feb	108.3	102.2	122.4	113.9
Mar	108.5	103.8	122.5	113.8
Apr	108.7	106.6	120.9	112.0
May	109.0	106.5	119.8	110.2

Percentage change, latest year on previous year

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

Percentage change, latest month on same month a year ago

	S288	S28C	S28H	S28M
2015 May	1.8	-1.4	0.9	-1.8
Jun	2.1	-1.0	2.8	3.2
Jul	1.8	-1.4	1.3	1.2
Aug	1.6	-1.9	1.0	2.3
Sep	1.6	1.2	1.2	7.9
Oct	1.7	-0.3	-0.3	10.5
Nov	2.2	2.5	3.4	13.9
Dec	3.1	4.1	4.5	17.9
2016 Jan	4.1	2.8	5.6	17.8
Feb	4.8	-2.0	5.4	16.5
Mar	4.4	-1.7	6.9	14.5
Apr	3.7	-1.4	7.9	14.1
May	3.0	1.1	6.9	13.3
Jun	2.6	3.0	5.9	14.9
Jul	2.7	3.5	6.8	19.4
Aug	2.8	2.3	7.5	21.5
Sep	2.8	2.2	5.1	15.8
Oct	2.6	3.5	4.1	14.4
Nov	2.5	3.2	2.6	10.8
Dec	2.6	0.1	0.7	9.5
2017 Jan	2.1	3.7	3.1	10.1
Feb	1.8	1.5	1.9	8.5
Mar	1.9	2.8	1.1	7.0
Apr	2.0	5.4	-0.6	3.8
May	2.2	3.5	-0.9	1.9

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	Industry components (SIC2007)			
	Human health and social work activities	Arts, entertainment and recreation	Other service activities	Activities of households as employers
Component	86-88	90-93	94-96	97
2013 weights	**93**	**18**	**27**	**5**

Percentage change, latest month on previous month

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

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

	S2HM	S2HQ	S2HV	S2I2
2015 May	1.3	-0.9	3.0	-6.1
Jun	1.7	-0.9	2.2	-2.0
Jul	1.9	-1.3	1.7	0.8
Aug	1.8	-1.4	1.7	2.2
Sep	1.7	-0.7	1.1	3.8
Oct	1.6	-0.3	0.6	6.9
Nov	1.8	1.1	1.4	10.8
Dec	2.3	2.1	2.5	14.1
2016 Jan	3.1	3.1	4.5	16.5
Feb	4.0	1.6	5.2	17.4
Mar	4.4	-0.3	6.0	16.2
Apr	4.3	-1.7	6.7	15.0
May	3.7	-0.6	7.2	13.9
Jun	3.1	0.9	6.9	14.1
Jul	2.8	2.6	6.5	15.8
Aug	2.7	3.0	6.7	18.6
Sep	2.8	2.7	6.5	18.9
Oct	2.7	2.7	5.6	17.2
Nov	2.6	2.9	3.9	13.6
Dec	2.6	2.2	2.4	11.5
2017 Jan	2.4	2.3	2.1	10.1
Feb	2.2	1.7	1.9	9.4
Mar	1.9	2.6	2.0	8.5
Apr	1.9	3.2	0.8	6.4
May	2.0	3.9	-0.1	4.2

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Component	86-88	90-93	94-96	97
2013 weights	**93**	**18**	**27**	**5**

Percentage change, latest 3 months on previous 3 months

	S2CW	S2D2	S2D7	S2DC
2015 May	0.9	0.8	-0.5	5.7
Jun	1.7	0.3	-	4.5
Jul	1.8	-1.0	0.5	1.3
Aug	1.3	-1.3	1.2	-2.1
Sep	0.8	-0.5	1.3	-2.2
Oct	0.6	-0.6	1.2	0.9
Nov	0.7	0.5	1.7	6.2
Dec	0.8	1.5	2.5	9.3
2016 Jan	0.9	2.4	3.0	9.7
Feb	1.0	1.6	2.7	6.9
Mar	1.1	-1.5	2.1	4.0
Apr	1.0	-2.4	1.9	2.6
May	0.7	-1.4	1.4	2.6
Jun	0.4	1.5	0.9	2.6
Jul	0.3	3.2	0.3	2.0
Aug	0.4	2.3	0.8	1.8
Sep	0.5	1.2	0.9	1.9
Oct	0.6	-0.5	0.3	2.1
Nov	0.6	0.4	-0.9	1.8
Dec	0.6	1.0	-1.4	2.6
2017 Jan	0.6	2.0	-0.4	3.1
Feb	0.5	0.4	0.6	2.9
Mar	0.5	-1.1	1.6	1.2
Apr	0.5	-1.5	0.6	-0.9
May	0.5	0.7	-0.6	-2.3

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