

# Index of Services, February 2015



Coverage: **UK**

Date: **28 April 2015**

Geographical Area: **UK**

Theme: **Economy**

## Main points

- The Index of Services is estimated to have increased by 3.2% in February 2015 compared with February 2014. All of the 4 main components of the services industries increased in the most recent month compared with the same month a year ago.
- The largest contributions came from: business services and finance, which contributed 1.4 percentage points to total growth; and distribution, hotels and restaurants, which contributed 0.9 percentage points to total growth.
- The latest Index of Services estimates show that output increased by 0.3% between January 2015 and February 2015, following a contraction of 0.2% between December 2014 and January 2015.
- The figures within this release are estimates and are on a seasonally adjusted basis. The earliest period open for revision in this release is January 2015.

## Understanding the Index of Services (IoS)

### About the IoS

The monthly IoS provides a timely indicator of growth in the output of the services industries. The IoS is an important economic indicator and shares exactly the same industry coverage as the corresponding quarterly series with UK [gross domestic product](#) (GDP). The primary purpose of the IoS is to produce a short-term measure of the output of the services industries within the UK economy and show the monthly movements in the gross value added (GVA) of the service industries ([2007 Standard Industrial Classification](#) (SIC 2007) sections G to T). The 4 main components of the services industries are: distribution, hotels and restaurants; transport, storage and communication; business services and finance; and government and other services. The IoS is the largest contributor to the output approach to the measurement of GDP, accounting for 78.4% of UK GDP as at 2011.

All data in this bulletin are seasonally adjusted estimates and have had the effect of price changes removed (in other words, the data are deflated). Further information on some of the main concepts (including seasonal adjustment and deflation) underlying the estimates can be found in background note 11.

## The quality of the IoS

The IoS is published around 8 weeks after the end of the reference month. There is no simple way of measuring the accuracy of the IoS, that is, the extent to which the estimate measures the underlying "true" value of the output growth (of the services industries) in the UK for a particular period. All estimates, by definition, are subject to statistical uncertainty and for many well-established statistics the Office for National Statistics (ONS) measures and publishes the sampling error associated with the estimate, using this as an indicator of accuracy. The IoS however, is constructed from a wide variety of data sources, some of which are not based on random samples. As a result ONS does not publish a measure of the sampling error associated with the IoS.

Reliability is one dimension of measuring accuracy using evidence from analyses of revisions to assess the closeness of early estimates to subsequent estimated values. Revisions are an inevitable consequence of the trade-off between timeliness and accuracy. Figures for the most recent months are provisional and subject to revision in light of:

- 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

Revisions to the IoS are typically small (around 0.1 to 0.2 percentage points), with the frequency of upward and downward revisions broadly equal. More information on the most recent revisions analysis can be found in the component analysis section and in background note 16.

It should be noted that care should be taken when using the month-on-month growth rates, due to their volatility (see background note 10).

Further information on the [quality of the IoS \(29 Kb Pdf\)](#) is available in the Quality of the IoS report on the [Index of Services Methods](#) web page on our website. It should be noted that as part of the IoS [industry review](#) process, ONS is continually working on methodological changes to improve the accuracy of the IoS.

## Main information

**Table 1: Index of Services main information, February 2015**

UK

(Percentage change)

	Index number (2011=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
<b>Index of Services</b>	109.0	3.2	3.3	0.3	0.7

Table source: Office for National Statistics

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(26 Kb)

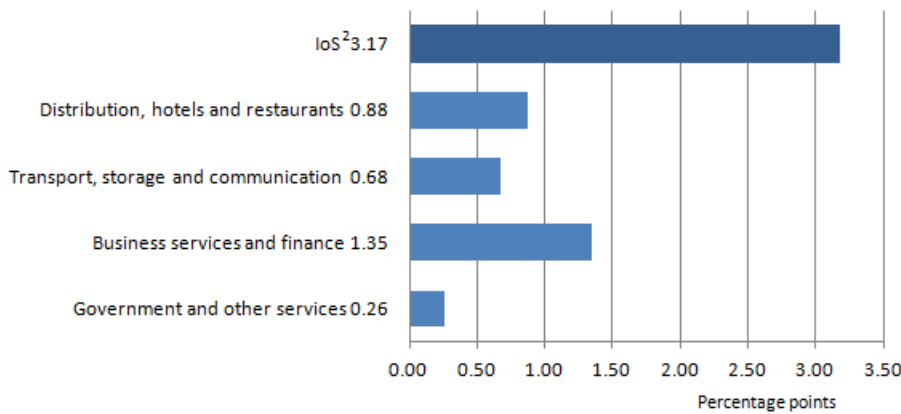
The Index of Services (IoS) measures the quantity of output from all UK services industries, which account for more than three-quarters of the [output approach to the measurement of gross domestic product](#). Index values are presently referenced to 2011 so that the average for 2011 is equal to 100. Therefore, an index value of 110 would indicate that output is 10% higher than the average for 2011.

As seen in Figure 1, the IoS increased by 3.2% in February 2015 compared with February 2014. In order of their contribution to growth (see reference table IOS1): business services and finance increased by 3.4%; distribution, hotels and restaurants increased by 4.8%; transport, storage and communication increased by 5.2%; and government and other services increased by 0.9%.

Further detail on these movements can be found in the component analysis section.

**Figure 1: IoS contributions(1) to the month-on-month a year ago percentage change, February 2015**

UK



Source: Office for National Statistics

**Notes:**

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

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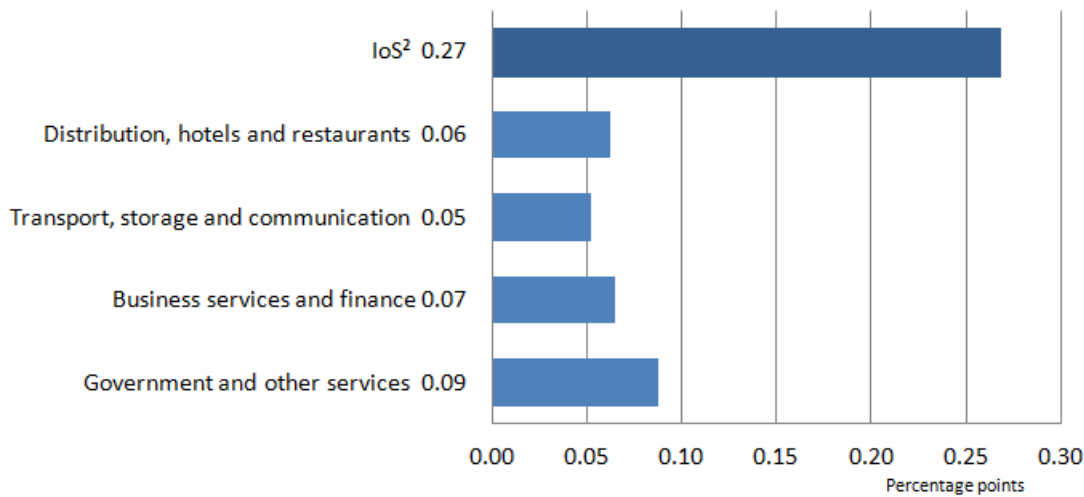
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Between January 2015 and February 2015, as seen in Figure 2, the IoS increased by 0.3%. All of the 4 main components of the services industries increased in the most recent month compared with the previous month. In order of their contribution to growth (see reference table IOS1): government and other services increased by 0.3%; business services and finance increased by 0.2%; distribution, hotels and restaurants increased by 0.3%; and transport, storage and communication increased by 0.4%.

More detail on individual components can be found in the IOSCOMP tables in the data section of this bulletin. The tables also provide information on the growth for the 3 months ending in February 2015 compared with the previous 3 months and compared with the 3 months ending February 2014.

**Figure 2: IoS contributions(1) to the month-on-month percentage change, February 2015**

UK



Source: Office for National Statistics

**Notes:**

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

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**Economic background**

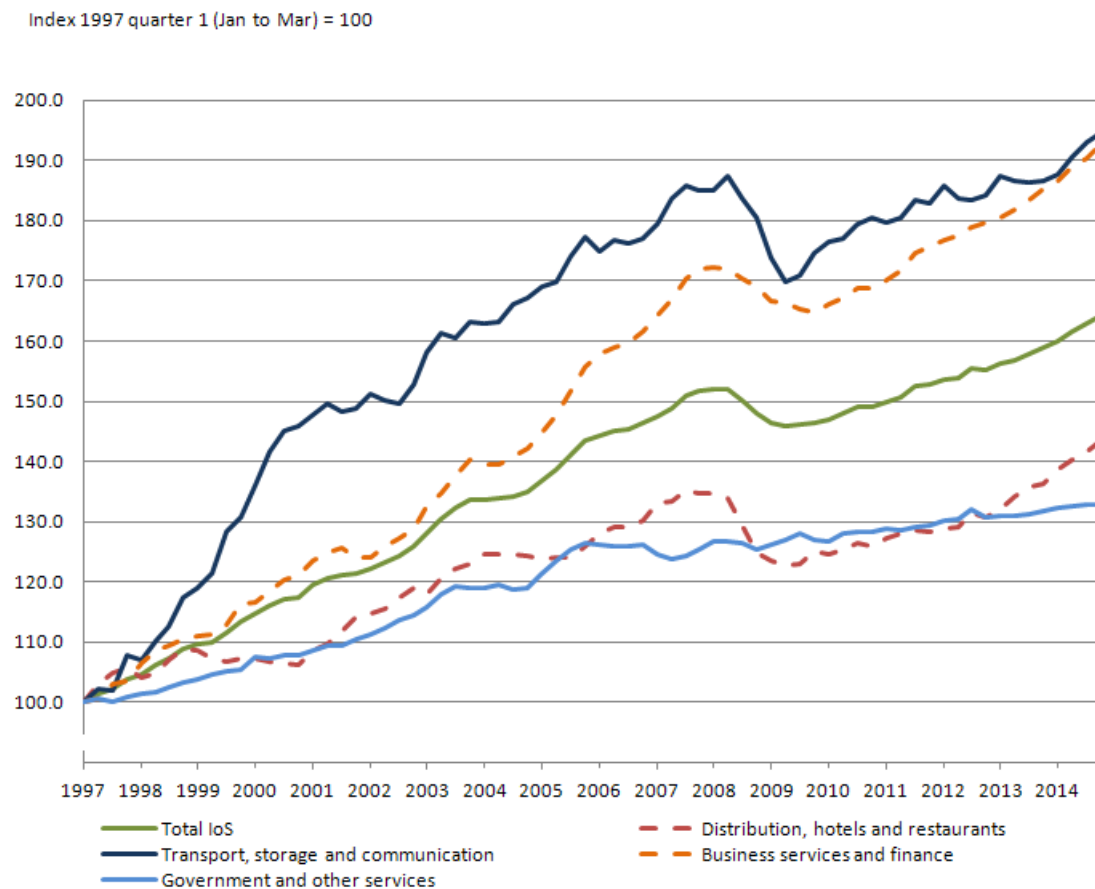
Total services grew by 3.2% between February 2014 and February 2015.

Historically, the services industries have grown at a faster rate than all other headline industries. While GDP has grown at an average annual rate of 2.0% since 1997, services has grown at an average annual rate of 2.8%. This has led to a continuing re-orientation of the economy towards services, despite productivity in the services industries rising more slowly than in the production industries (and manufacturing in particular) since 1997 (more information can be found in the [Labour Productivity, Q4 2014](#) release). The higher output growth therefore reflects the increasing share of the labour force employed in services, which grew from 73% to 79% between 1997 and 2014 (see [Labour Market Statistics, April 2015](#) release, reference table EMP13).

In addition to a strong long run performance, the services industries were also least affected by the downturn in 2008 and they recovered quickly after. They are mainly responsible for the recovery of the economy as a whole, being the only industry grouping to have surpassed its pre-downturn peak.

### Figure 3: Index of Services and sub-components

UK, 1997 to 2014



Source: Office for National Statistics

#### Notes:

1. Please click on the image to view a larger version.

#### Download chart

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However, growth within services has varied, with Figure 3 showing a clear divide between the growth rates of the 4 main industry groupings since 1997. The industry grouping which has grown the most over this period is transport, storage and communication, despite being one of the hardest hit during the 2008 downturn. Much of this growth came from telecommunications and computing, coinciding with advancement in technology in these industries over the period. Business services and finance has also been an important contributor of growth in services. This industry grouping, along with transport, storage and communication, has nearly doubled in size since 1997.

Growth in the remaining 2 industry groupings has been more modest, with neither of them growing as much as overall GDP since 1997. The distribution, hotels and restaurants industry grouping has

seen similar movements to GDP, whereas growth in government and other services has been slower and more stable, even during the economic downturn.

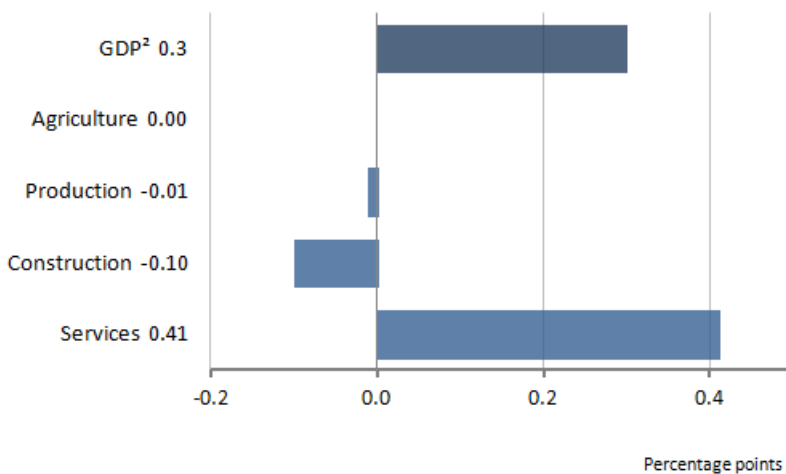
## GDP impact and components

With a weight of 78.4%, the services industries are the largest industrial grouping in the output approach to measuring GDP. The releases for the short-term economic indicators that feed directly into the output approach to measuring GDP include a table detailing growth in the 4 main industrial groupings (Table 2). This will aid understanding of the relationship between the individual short-term releases and GDP output.

In Quarter 1 (Jan to Mar) 2015, GDP was estimated to have increased by 0.3% compared with the previous quarter. The contribution an industry grouping makes to the GDP quarterly growth is dependent on the quarterly change in that industry grouping and its weight within the output approach to measuring GDP.

**Figure 4: GDP contribution(1) to the quarter-on-quarter percentage change, Quarter 1 (Jan to Mar) 2015**

UK



Source: Office for National Statistics

### Notes:

- Contributions are to output gross value added and therefore may not sum to the percentage change in GDP. More information on the difference between the 2 measures can be found in the Short Guide to National Accounts.
- Percentage change to 1 decimal place.

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Monthly estimates are produced for each industrial grouping except agriculture. The February 2015 estimates for [production](#) and [construction](#) were published on 10 April. The [Gross Domestic](#)

[Product Preliminary Estimate](#) for Quarter 1 (Jan to Mar) 2015 was published on 28 April 2015 alongside this bulletin.

**Table 2: GDP output component tables, Quarter 1 (Jan to Mar) 2015, chained volume measure, seasonally adjusted**

UK

(Percentage change)

Publication	% of GDP	Release date	Month of GDP	Most recent 3 months on a year earlier	Most recent 3 months on 3 months earlier	Most recent month on the same month a year ago	Most recent month on the previous month
<b>Index of Production</b>	14.6	10 Apr	Feb	0.7	-0.2	0.1	0.1
			Jan	1.1	0.0	1.2	-0.1
<b>Construction output</b>	6.4	10 Apr	Feb	0.3	-3.2	-1.3	-0.9
			Jan	2.5	-2.8	-3.0	-2.5
<b>Index of Services</b>	78.4	28 Apr	Feb	3.3	0.7	3.2	0.3
			Jan	3.3	0.8	3.2	-0.2
<b>Retail Sales</b>		23 Apr	Mar	5.2	0.9	4.2	-0.5
			Feb	5.0	1.8	5.4	0.6
			Jan	5.3	2.3	5.9	0.2
<b>Agriculture</b>	0.6		Q1	0.9	-0.2	..	..

**Table source:** Office for National Statistics

**Table notes:**

1. No data represented by ..



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**Component analysis****Table 3: Growth rates and contributions(1) to the Index of Services, February 2015**

UK

(Percentage change)

Description	% of Services	Month on a year earlier Volume (SA <sup>2</sup> ) (%)	Contribution to services (% points)	Month-on-month growth Volume (SA) (%)	Contribution to services (% points)
<b>Total services industries</b>	100	3.2	3.2	0.3	0.3
<b>Distribution, hotels and restaurants</b>	18	4.8	0.9	0.3	0.1
<b>Transport, storage and communication</b>	13	5.2	0.7	0.4	0.1
<b>Business services and finance</b>	39	3.4	1.4	0.2	0.1
<b>Government and other services</b>	30	0.9	0.3	0.3	0.1

Table source: Office for National Statistics

**Table notes:**

1. Individual contributions may not sum to the total due to rounding.
2. SA = seasonally adjusted.

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(27.5 Kb)

## Distribution, hotels and restaurants

The index of distribution, hotels and restaurants increased by 4.8% in February 2015 compared with February 2014, following an increase of 5.3% in January 2015 compared with the same month a year earlier. The main contributors to the increase were: retail trade, except of motor vehicles and motorcycles, which rose by 5.4%; wholesale and retail trade and repair of motor vehicles and motorcycles, which rose by 6.4%; and wholesale trade, except of motor vehicles and motorcycles, which rose by 3.2%.

## Transport, storage and communication

The index of transport, storage and communication increased by 5.2% in February 2015 compared with February 2014, following an increase of 4.2% in January 2015 compared with the same month a year earlier. The main contributors to the increase were: computer programming, consultancy and related activities, which rose by 8.5%; land transport, which rose by 7.6%; and publishing audiovisual and broadcasting activities, which rose by 3.9%.

## Business services and finance

The index of business services and finance increased by 3.4% in February 2015 compared with February 2014, following an increase of 3.8% in January 2015 compared with the same month a year earlier. The main contributors to the increase were: other professional service activities, which rose by 7.3%; administrative and support services activities, which rose by 5.7%; and real estate activities, which rose by 1.8%.

## Government and other services

The index of government and other services increased by 0.9% in February 2015 compared with February 2014, following an increase of 0.6% in January 2015 compared with the same month a year earlier. The main contributors to the increase were: human health and social work activities, which rose by 2.1%; and other service activities, which rose by 7.2%.

## Revisions

The Index of Services (IoS) follows the [National Accounts Revisions policy \(43.3 Kb Pdf\)](#). Revisions are caused by a number of factors including, but not limited to, revisions to source data due to late responses, actual data replacing forecast data and revisions to seasonal factors that are re-estimated every period. More information on IoS revisions is available on the [Index of Services Methods](#) page.

We produce revisions triangles of services growth to provide users with one indication of the reliability of this key indicator. Statistical tests are performed on the average revision to test if it is statistically significantly different to 0. Further information can be found in background note 16.

In this release of data, the earliest period open to revision is January 2015. The growth rate for January 2015 compared with the same month a year earlier was unrevised from the previous estimate of 3.2% and the month-on-month growth rate for January 2015 compared with December 2014 (-0.2%) was also unrevised.

Further detail on the revisions to the IoS components can be found in the RIOS1 tables in the [data section](#) of this publication.

## Industry spotlight: Food and beverage service activities

### Industry spotlight: Food and beverage service activities

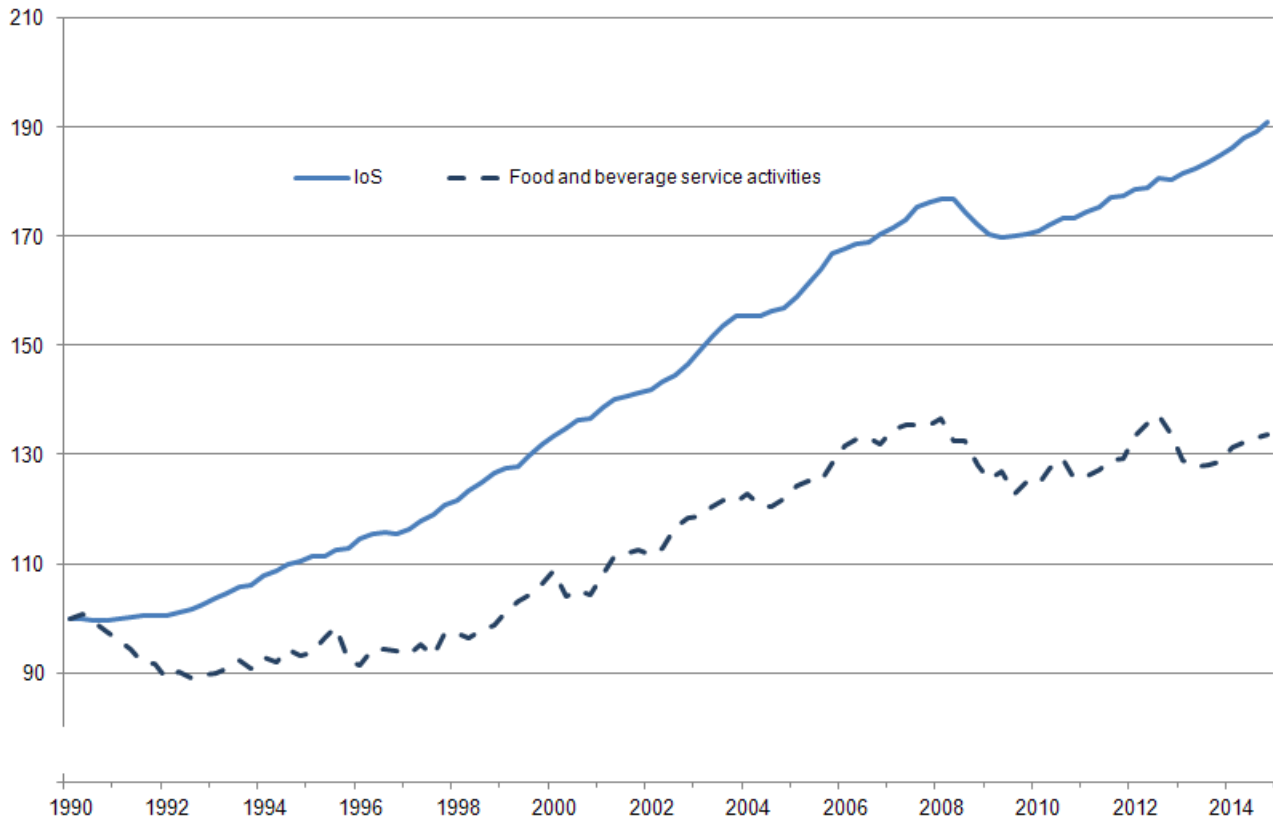
According to the [Standard Industrial Classification 2007 \(SIC2007\)](#), food and beverage service activities (industry 56) cover companies that operate ventures such as cafes, restaurants, or venues that are licensed to serve alcohol on premises. The defining trait for corporations in this industry is that they serve food or drink that is ready for immediate consumption; any companies selling food or drink which involves additional preparation by the consumer is included in wholesale or retail trade. Beverage serving activities (56.3), which includes the output of premises such as public houses and nightclubs, used to be the largest component of the industry but their importance has diminished over time (from 49% of total output in January 1997 to 35% in February 2015). Instead, restaurants and cafes (56.1) have increased in importance and now account for half of the turnover in the industry. Food and beverage service activities are included under the distribution, hotels and restaurants industry grouping within services.

Relative to the entire services industry, this industry has seen significantly lower growth since 1990 in volume terms. However, a clear outlier to this trend can be observed in 2012; output in this industry was particularly strong in this year, possibly reflecting significant sporting events such as the London Olympics. The industry is pro-cyclical, declining more than overall GDP in downturn years. Eating or drinking out might be considered to be discretionary spending by most households and therefore something they cut back on when confidence in the economy is weak.

**Figure 5: Index of Services and food and beverage service activities**

UK, 1990 to 2014

Index 1990 quarter 1 (Jan to Mar) = 100



Source: Office for National Statistics

**Notes:**

1. Please click on the image to view a larger version.

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This industry has grown more slowly than many other industries with a consumer focus, such as the retail trade. Part of the reason may be that prices for restaurants and other catering services have risen significantly more than the overall Consumer Price Index (CPI). While the CPI rose by 47% between January 1996 and March 2015, prices in catering services rose by 84% over the same period (more information can be found in the [Consumer Price Inflation](#) March 2015 release). This has meant that while in nominal terms, spending on catering services as a proportion of overall household expenditure fell from 9.0% in Quarter 1 (Jan to Mar) 1997 to 7.7% in Quarter 4 (Oct to Dec) 2014, in real terms this fall has been larger (more information can be found in [Consumer](#)

[Trends Q4 2014](#) release). The movement in prices could also explain why, despite lower growth in volume terms, the industry's share of total services output has remained relatively stable, only falling from 2.6% in 1990 to 2.5% in 2014.

Food and beverage service activities tend to exhibit a strong degree of seasonality, with higher output in the summer months and large spikes in output in December. This pattern changes across the different sub-industries for example, growth in event catering (56.2) output is especially strong between May and July, possibly reflecting a preference for holding large events such as weddings in these months. The output of beverage serving activities is particularly strong in December, rising by 19% on average between November and December in the years 2002 to 2014, compared to 13% for the industry as a whole. The seasonal adjustment process removes these recurring fluctuations to aid interpretation of the general movement of the series.

## Background notes

### 1. What's new

Following the recent assessment by the UK Statistics Authority covering short-term economic output indicators, the Index of Services (IoS) has been re-designated as a National Statistic. A letter of confirmation was published on 26 March 2015 and is available on the [Assessment reports](#) web page on our website (report number 278).

### 2. Continuous improvement of GDP: sources, methods and communication

The [GDP Output Improvement Report](#) published on 30 September 2014, provides a detailed update of the implementation of improvements for Blue Book 2014, progress on industry reviews and wider cross-cutting improvements, a comprehensive timetable for the industry review project, an update of industry quality ratings and progress on experimental statistics. It also features sections on deflation and annual coherence adjustments to improve the understanding and transparency of the methods involved in producing Index of Production (IoP), IoS, and GDP(O).

[Assessment reports](#) by the UK Statistics Authority are available on our website for the output approach to measuring GDP and the short-term indicators that feed into it. Furthermore, the priorities for national accounts production and development over a 5 year period (financial year ending 2014 to financial year ending 2018) are highlighted in the [National Accounts and Related Statistics Work Plan](#) and an independent review of the UK's national accounts and balance of payments has been produced as part of ONS's programme of [National Statistics Quality Reviews \(NSQRs\)](#).

### 3. What do you think?

As a user of our statistics we would welcome your feedback on this publication. If you would like to get in touch please contact us via email: [stoi.development@ons.gsi.gov.uk](mailto:stoi.development@ons.gsi.gov.uk).

### 4. A review of the experimental statistics status for 9 IoS industries

The IoS has been designated as National Statistics by the UK Statistics Authority, although a number of components are experimental. In August 2012 the article [Index of Services - Industry Reviews \(249.1 Kb Pdf\)](#) was published, highlighting the industries that are classed as experimental and the work that is ongoing to remove the experimental label.

Section 5 of the GDP Output Improvement Report outlines plans to review the removal of experimental statistics status for the following industries:

- SIC07 industry 60 - Programming and broadcasting
- SIC07 industry 62 - Computer programming
- SIC07 industry 63 - Information service activities
- SIC07 industry 68.3 - Real estate activities (fee or contract basis)
- SIC07 industry 77 - Rental and leasing activities
- SIC07 industry 81 - Services to buildings and landscape
- SIC07 industry 86 - Human health
- SIC07 industry 94 - Activities of membership organisations
- SIC07 industry 97 - Activities of households as employers of domestic personnel

Appendix 8 of the report outlines the data sources and methods in use for each industry at Blue Book 2014. The removal of the experimental statistics label and subsequent replacement as National Statistics is a process that follows from adherence to the Code of Practice for Official Statistics. This means that an industry may have a quality rating of C but would still be classified as National Statistics due to the extent to which it follows the principles and protocols that surround the Code of Practice. Users are invited to respond to the review through [ios.quality@ons.gsi.gov.uk](mailto:ios.quality@ons.gsi.gov.uk).

## 5. Special events

ONS maintains a list of candidate special events in the [Special Events Calendar](#). As explained in ONS's [Special Events policy](#), it is not possible to separate the effects of special events from other changes in the series.

## 6. Understanding the data

### Short guide to the Index of Services

The Index of Services shows the monthly movements in the gross value added (GVA) of the service industries (2007 Standard Industrial Classification (SIC 2007) sections G to T). These industries account for around 78% of gross domestic product (GDP) in 2011. The index is estimated using the same data sources and national accounts methodology as the quarterly estimate of services industries' gross value added within the output approach to measuring GDP (GDP (O)). These consist of the distribution, hotels and restaurant industries (SIC 2007 sections G and I); transport, storage and communication (sections H and J); business services and finance (sections K to N); and government and other services (sections O to T).

## 7. International comparison

International comparison with the IoS is difficult, as most comparable economies do not produce equivalent estimates. [Eurostat turnover in services](#) estimates are not comparable with the IoS, as they exclude the wholesale and retail trade; furthermore, most of the estimates are only available quarterly. The [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](#).

## 8. Short guide to national accounts

The national accounts provide an integrated description of all economic activity within the economic territory of the UK, including activity involving both domestic units (that is, individuals and institutions resident in the UK) and external units (those resident in other countries). In addition to being comprehensive, the accounts are fully integrated and internally consistent. More information can be found in [UK national accounts: a short guide](#).

## 9. How our statistics explain the economy

The IoS is mentioned in a video summary which highlights [14 ways ONS statistics help you understand the economy](#). The video summary, along with an [interactive version](#) of the video, was released on our website on 27 June 2014 alongside the Quarterly National Accounts for Quarter 1 (Jan to Mar) 2014.

## 10. Interpreting the data

Some monthly data are volatile. When looking at growth rates, the headline IoS figures focus on the percentage change between the most recent month-on-a-year earlier and the most recent 3-months-on-a-year earlier.

The monthly Index of Services statistical bulletin is usually published on the same days as the Gross Domestic Product Preliminary Estimate statistical bulletin, the Second Estimate of Gross Domestic Product statistical bulletin or the Quarterly National Accounts statistical bulletin.

The data for the IoS in this statistical bulletin are generally consistent with the [Gross Domestic Product Preliminary Estimate](#) published on 28 April 2015. However, rounding can sometimes cause differences between the 3-monthly growth rates presented in this release compared with the quarterly growth rates presented in the Gross Domestic Product Preliminary Estimate. Data for the retail industry are broadly comparable with the [Retail Sales release](#) published on 23 April 2015, but as the 2 series operate under different revisions policies, there can be timing differences in the updating of the 2 series. Also, adjustments to the data within the IoS release are sometimes made at the time of the Blue Book to improve the coherence of the 3 approaches to measuring GDP. Therefore, inconsistencies between the 2 series are not unusual but tend to be small. There are also conceptual and coverage differences between retail sales and retail output which can lead to apparent inconsistencies.

## 11. Definitions and explanations

Definitions found within the main statistical bulletin are listed:

### **Index number**

An index number is a number which indicates the change in magnitude relative to the magnitude at a specified point, the latter usually taken as 100. For example, the level of services for February 2015 is given in Table 1 as 109.0. This means that services output was 9.0% higher than the average in the reference period, which is currently 2011.

### **Seasonal adjustment**

The index numbers in this statistical bulletin are all seasonally adjusted. This aids interpretation by removing annually recurring fluctuations, for example, due to holidays or other regular seasonal patterns. Unadjusted data are also available.

Seasonal adjustment removes regular variation from a time series. Regular variation includes effects due to month lengths, different activity near particular events such as shopping activity before Christmas, and regular holidays such as the May bank holiday.

Some features of the calendar are not regular each year, but are predictable if we have enough data, for example, the number of certain days of the week in a month may have an effect, or the impact of the timing of Easter. As Easter changes between March and April, we can estimate its effect on time series and allocate it between March and April depending on where Easter falls. Estimates of the effect of the day of the week and Easter are used respectively to make trading day and Easter adjustments prior to seasonal adjustment.

X-13-ARIMA-SEATS is the current seasonal adjustment software used for IoS.

### **Value (current price)**

Economic transactions involve the production of goods and the sale of goods and services (commodities). The monetary value (or current price) of these transactions is a product of the quantity produced or sold and the unit price. In a particular period, the total (aggregate) value of all transactions taking place in the economy is simply the sum of the individual transaction values in that period. The current price is sometimes referred to as the "nominal" price.

### **Volume (constant price)**

When it comes to comparing the difference in aggregate values between 2 time periods, the observed movement is generally a combination of changes in quantity and changes in price. In a lot of cases, the interest of users of economic data lies in understanding the degree to which economic growth is being driven by changes in quantities (that is, physical volumes of production and consumption). It is standard practice to present many economic statistics as volume series (showing changes in the level of the series that have not been affected by changes in price) and such series are referred to as "at constant prices" or "real" prices.

### **Deflation**



The process of removing price changes from a value series and converting to a volume series is known as deflation. All index numbers presented in this bulletin are volume measures and have had the effect of price changes removed.

### **Chained volume measures**

The indices in this bulletin are presented as "chained volume" measures, meaning that successive volume estimates have been linked (or chained) together. Annual chain-linking was introduced in 2003 and is considered preferable to producing standard volume series as chained volume measures more accurately reflect volume changes over time. More information on chain-linking can be found in the [Tuke and Reed \(2001\) \(92.8 Kb Pdf\)](#) article, and a paper on chain-linking weights in the output approach to measuring GDP can be found on the [Methods and Sources](#) page.

### **Gross domestic product (GDP)**

The total value of production activity in the economic territory. It is the balancing item on the production account for the whole economy. Domestic product can be measured gross or net of consumption of fixed capital (or depreciation). It is presented in the accounts at market (or purchasers') prices. A further distinction is that it can be at current prices or chained volume measures.

## **12. Methods**

[Index of Services methodology](#) can be found on our website.

## **13. Composition of the data**

The IoS uses a wide variety of different data, from many sources, which are produced on either an annual, quarterly or monthly basis.

Some of the indicators are derived using current price turnover deflated by a suitable price index. This includes data from the monthly business survey (MBS): an ONS short-term survey on different parts of the economy. It is one of the main data sources used in the compilation of the IoS.

More information on monthly business survey data can be found within the [Economic and Labour Market Review release \(2.65 Mb Pdf\)](#).

Other sources use direct volume measures that do not need to be deflated, such as Civil Aviation Authority data for air transport. Other proxies, such as employment numbers, are also used. This is the case with Public Sector Employment and Workforce Jobs data.

Where monthly data are not available (for example, when data are delivered quarterly or annually), monthly estimates are derived by forecasting data. This is done using the X-13-ARIMA-SEATS forecasting method and interpolating a monthly path using a cubic spline.

An X-13-ARIMA-SEATS forecast is also used where actual data at industry level are not available for the latest period (a lower proportion of actual data are available for the latest month). When the forecast is replaced by actual data, this may lead to revisions to the published data.

The IoS adheres to the [Government Statistical Service Disclosure Control Policy \(337 Kb Word document\)](#). More information can be found in the [Quality and Methodology Information \(QMI\) \(207.3 Kb Pdf\)](#) report.

#### 14. Response rates

Approximately 42% of the IoS estimates are based on data collected via the ONS monthly business survey (MBS). In addition, approximately 7% of the IoS estimates are collected via ONS's Retail Sales Inquiry (RSI). The remainder is based on data received from other ONS sources and external data sources. The MBS and RSI response rates for data included in this publication are presented for the current month and 3 months prior in Table 4. The response rates for the historical periods are updated to reflect the current level of response, incorporating data from late returns. There are 2 response rates included; the first is a percentage of the sampled turnover returned and the other is a percentage of the amount of questionnaire forms returned.

**Table 4: Survey response rates, February 2015**

UK

Period	Response rate (%)			
	Nov 2014	Dec 2014	Jan 2015	Feb 2015
<b>Monthly Business Survey (Services)</b>				
Turnover	97.3	96.5	91.6	81.6
Questionnaire	86.0	84.7	83.0	76.0
<b>Retail Sales Inquiry</b>				
Turnover	98.8	98.2	98.6	96.7
Questionnaire	76.9	76.7	76.4	74.3

**Table source:** Office for National Statistics

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(27.5 Kb)

### 15. Basic quality information

Some general information on the quality of the Index of Services (IoS) can be found in the "Understanding the Index of Services" section in the main part of this statistical bulletin.

Additionally a [Quality and Methodology Information \(QMI\) \(207.3 Kb Pdf\)](#) report for the IoS was published on 11 February 2015. The report pulls together qualitative information on the 5 Eurostat criteria of quality (relevance, accuracy, timeliness and punctuality, accessibility and clarity, and comparability and coherence) and provides a summary of the methods used to compile the IoS output, describing the strengths and limitations of the estimates produced.

Further quality information, including details of the quality adjustments process for IoS, was published on 31 October 2014 and can be found on the [Index of Services Methods](#) page on our website.

### 16. National accounts revisions policy

Key documentation explaining the national accounts [revisions policy \(43.3 Kb Pdf\)](#) is available.

### 17. Revisions triangles

SIC 2007 revisions triangles are contained in a zip folder. This folder can be found within the data section of this bulletin.

Revisions to data provide 1 indication of the reliability of key indicators. A statistical test has been applied to the average revision to find out if it is statistically significantly different from 0. An average revision close to 0 is desirable as it suggests that revisions are not predictable in any one direction. The result of the test is that the average revision is not statistically significantly different from 0.

Table 5 presents a summary of the differences published between February 2009 and February 2014 and the estimates published 12 months later.

**Table 5: Revisions between first publication and estimates 12 months later**


UK

(Percentage change)

	Value in latest period	Average over the last 60 months	Average over the last 60 months without regard to sign (average absolute revision)
Index of Services 3 month on 3 month growth rate	0.7	-0.07	0.19
Index of Services 1 month on 1 month growth rate	0.3	-0.03	0.18

Table source: Office for National Statistics

**Download table**

 [XLS format](#)  
(25.5 Kb)

**18. Publication policy**

Details of the policy governing the release of new data are available from our media relations office. Also available is a [Pre Release Access List](#) of those given pre-publication access to the contents of this release

**19. Accessing data**

The data presented in the tables of this statistical bulletin are also available to download from the [data section](#) of this publication. A complete run of data is available as a [time series dataset](#) on our website.

We provide an analysis of past revisions in the IoS and other statistical bulletins; more information can be found in [Revisions information in ONS First Releases \(244.6 Kb Pdf\)](#).

**20. Following ONS**

You can follow ONS on [Twitter](#) and [Facebook](#) and view the latest podcasts on [YouTube](#).

**21. Code of Practice for Official Statistics**

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

Designation can be broadly interpreted to mean that the statistics:

- meet identified user needs;
- are well explained and readily accessible;
- are produced according to sound methods and;
- are managed impartially and objectively in the public interest.

Once statistics have been designated as National Statistics it is a statutory requirement that the Code of Practice shall continue to be observed.

22. Details of the policy governing the release of new data are available by visiting [www.statisticsauthority.gov.uk/assessment/code-of-practice/index.html](http://www.statisticsauthority.gov.uk/assessment/code-of-practice/index.html) or from the Media Relations Office email: [media.relations@ons.gsi.gov.uk](mailto:media.relations@ons.gsi.gov.uk)

These National Statistics are produced to high professional standards and released according to the arrangements approved by the UK Statistics Authority.

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This document is also available on our website at [www.ons.gov.uk](http://www.ons.gov.uk).

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## Index of Services - Publication Tables

Metadata	Breakdown of metadata used in the IOS tables.
Table 1	IOS 1 - Total services & Sections G-T (Index and Annual growth)
Table 2	IOS 1 - Total services & Sections G-T (Month on Month growth)
Table 3	IOS 1 - Total services & Sections G-T ( 3 Months on 3 Months growth)
Table 4	RIOS 1 - Index and Annual revisions
Table 5	RIOS 1 - Month on Month revisions
Table 6	RIOS 1 - 3 Months on 3 Months revisions
Table 7	IOSCOMP - Components 45 - 51 (Index and Annual growth)
Table 8	IOSCOMP - Components 45 - 51 (Month on Month growth)
Table 9	IOSCOMP - Components 45 - 51 ( 3 months on 3 months growth)
Table 10	IOSCOMP - Components 52 - 60 (Index and Annual growth)
Table 11	IOSCOMP - Components 52 - 60 (Month on Month growth)
Table 12	IOSCOMP - Components 52 - 60 ( 3 Months on 3 Months growth)
Table 13	IOSCOMP - Components 61 - 68 (Index and Annual growth)
Table 14	IOSCOMP - Components 61 - 68 (Month on Month growth)
Table 15	IOSCOMP - Components 61 - 68 ( 3 Months on 3 Months growth)
Table 16	IOSCOMP - Components 69 - 85 (Index and Annual growth)
Table 17	IOSCOMP - Components 69 - 85 (Month on Month growth)
Table 18	IOSCOMP - Components 69 - 85 ( 3 Months on 3 Months growth)
Table 19	IOSCOMP - Components 86 - 97 (Index and Annual growth)
Table 20	IOSCOMP - Components 86 - 97 (Month on Month growth)
Table 21	IOSCOMP - components 86 - 97 ( 3 Months on 3 Months growth)



Press this symbol within the tables to return here.

Print All

In line with the re-classification from SIC 03 to SIC 07, the below table provides a breakdown of what is now included under each of the service category sectors.

Distribution, hotels and restaurants	Transport, storage and communication	Business services and finance	Government and other services
Wholesale and retail trade; repair of motorvehicles and motorcycles  Accommodation and food service activities	Transportation and storage  Information and communication	Financial and insurance activities  Real estate activities  Professional, scientific and technical activities  Administrative and support service activities	Public, administration and defence; compulsory social security  Education  Human health and social work activities  Arts, entertainment and recreation  Other service activities  Activities of households as employers



Industry sections (SIC2007)						
	Total service industries	Distribution hotels and restaurants	Transport, storage and communication	Business services and finance	Government and other services	
Section	G-T	G and I	H and J	K-N	O-T	
2011 weights	1000	178	133	391	298	
	S2KU	S2MV	K17B	K17L	K17T	
2010	98.0	98.1	98.2	96.9	99.1	
2011	100.0	100.0	100.0	100.0	100.0	
2012	102.0	101.5	101.4	103.0	101.4	
2013	104.0	105.1	102.8	105.6	101.7	
2014	107.1	110.1	105.4	109.6	102.8	
2013 Feb	103.4	104.2	103.7	104.3	101.6	
Mar	103.2	103.6	103.0	104.4	101.7	
Apr	103.5	104.1	103.0	104.8	101.8	
May	103.7	105.1	102.8	105.0	101.4	
Jun	103.6	105.3	102.2	105.2	101.3	
Jul	104.0	105.8	102.6	105.4	101.6	
Aug	104.3	106.1	102.5	106.1	101.7	
Sep	104.5	106.2	102.7	106.3	102.0	
Oct	104.6	105.7	102.1	106.9	102.3	
Nov	105.0	106.8	102.9	107.1	102.0	
Dec	105.1	107.1	103.4	107.1	102.1	
2014 Jan	105.4	107.4	103.6	107.3	102.4	
Feb	105.7	108.2	103.0	107.9	102.4	
Mar	106.2	109.3	103.2	108.6	102.5	
Apr	106.5	109.3	104.3	108.8	102.7	
May	106.9	109.6	105.0	109.3	102.9	
Jun	107.0	109.7	105.5	109.5	102.9	
Jul	107.4	110.0	106.0	110.0	103.0	
Aug	107.3	110.5	106.2	109.5	103.0	
Sep	107.9	111.1	106.6	110.6	102.9	
Oct	108.2	111.2	107.2	111.1	103.0	
Nov	108.3	112.1	106.8	111.3	102.7	
Dec	108.9	112.9	107.7	112.0	103.2	
2015 Jan	108.7	113.0	108.0	111.4	103.0	
Feb	109.0	113.4	108.4	111.5	103.4	
<b>Percentage change, latest year on previous year</b>						
	S222	S243	K177	K17G	K17O	
2010	1.4	1.6	3.6	1.2	0.6	
2011	2.1	2.0	1.8	3.2	0.9	
2012	2.0	1.5	1.4	3.0	1.4	
2013	1.9	3.5	1.4	2.5	0.3	
2014	3.0	4.7	2.6	3.9	1.1	
<b>Percentage change, latest month on same month a year ago</b>						
	S26Q	S28R	K17A	K17I	K17Q	
2013 Feb	2.3	4.8	2.2	2.4	0.9	
Mar	1.4	1.7	0.5	2.2	0.8	
Apr	2.0	3.3	1.6	2.4	0.8	
May	1.2	3.3	0.3	1.2	0.3	
Jun	2.7	5.5	2.9	3.3	0.2	
Jul	1.7	3.9	2.4	2.2	-0.5	
Aug	1.2	3.1	0.8	2.2	-1.0	
Sep	1.8	2.9	1.7	2.8	-0.1	
Oct	1.9	3.3	-0.1	2.8	0.7	
Nov	2.5	4.3	1.9	3.1	0.7	
Dec	2.9	5.6	2.4	3.3	1.0	
2014 Jan	2.6	5.6	0.9	3.0	1.1	
Feb	2.2	3.8	-0.7	3.4	0.8	
Mar	2.8	5.5	0.2	4.0	0.8	
Apr	2.8	5.0	1.3	3.8	0.9	
May	3.1	4.3	2.2	4.0	1.5	
Jun	3.3	4.2	3.2	4.1	1.6	
Jul	3.3	4.0	3.2	4.3	1.4	
Aug	2.9	4.2	3.5	3.3	1.3	
Sep	3.2	4.6	3.8	4.0	0.9	
Oct	3.4	5.3	5.0	4.0	0.7	
Nov	3.1	4.9	3.8	3.9	0.7	
Dec	3.7	5.4	4.1	4.6	1.1	
2015 Jan	3.2	5.3	4.2	3.8	0.6	
Feb	3.2	4.8	5.2	3.4	0.9	

1 The IOS output is designated as a National Statistic, however, a number of individual series are still experimental.

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](#)

continued

Industry sections (SIC2007)						
	Total service industries	Distribution hotels and restaurants	Transport, storage and communication	Business services and finance	Government and other services	
Section	G-T	G and I	H and J	K-N	O-T	
<b>2011 weights</b>	<b>1000</b>	<b>178</b>	<b>133</b>	<b>391</b>	<b>298</b>	
<b>Percentage change, latest month on previous month</b>						
	S222	S243	KI77	KI7G	KI7O	
2013 Feb	0.7	2.5	1.0	0.2	0.2	
Mar	-0.1	-0.6	-0.7	0.1	0.1	
Apr	0.3	0.5	-	0.4	0.1	
May	0.1	1.0	-0.2	0.2	-0.4	
Jun	-	0.2	-0.5	0.2	-0.1	
Jul	0.3	0.4	0.4	0.2	0.3	
Aug	0.3	0.3	-0.1	0.6	0.1	
Sep	0.2	0.2	0.2	0.3	0.2	
Oct	0.1	-0.5	-0.6	0.5	0.3	
Nov	0.3	1.1	0.8	0.3	-0.2	
Dec	0.1	0.2	0.5	-	-	
2014 Jan	0.2	0.3	0.2	0.2	0.3	
Feb	0.3	0.8	-0.6	0.6	-	
Mar	0.5	1.0	0.2	0.6	0.1	
Apr	0.3	-	1.1	0.3	0.2	
May	0.4	0.3	0.7	0.4	0.2	
Jun	0.2	0.1	0.5	0.2	-	
Jul	0.3	0.2	0.4	0.5	0.1	
Aug	-	0.5	0.2	-0.4	-	
Sep	0.5	0.5	0.4	0.4	-0.1	
Oct	0.3	0.1	0.5	0.5	0.1	
Nov	0.1	0.7	-0.4	0.1	-0.3	
Dec	0.6	0.7	0.8	0.6	0.5	
2015 Jan	-0.2	0.2	0.3	-0.6	-0.2	
Feb	0.3	0.3	0.4	0.2	0.3	
<b>Percentage change, latest 3 months on same 3 months a year ago</b>						
	S2G6	S2I7	KI7C	KI7J	KI7R	
2013 Feb	1.4	2.2	0.6	2.0	0.6	
Mar	1.6	2.5	0.9	2.1	0.7	
Apr	1.9	3.2	1.4	2.3	0.8	
May	1.5	2.8	0.8	1.9	0.6	
Jun	2.0	4.0	1.6	2.3	0.4	
Jul	1.9	4.2	1.8	2.2	-	
Aug	1.9	4.2	2.0	2.6	-0.5	
Sep	1.6	3.3	1.6	2.4	-0.6	
Oct	1.6	3.1	0.8	2.6	-0.2	
Nov	2.0	3.5	1.2	2.9	0.4	
Dec	2.4	4.4	1.4	3.1	0.8	
2014 Jan	2.7	5.2	1.7	3.2	0.9	
Feb	2.6	5.0	0.9	3.3	1.0	
Mar	2.5	5.0	0.2	3.5	0.9	
Apr	2.6	4.8	0.3	3.7	0.9	
May	2.9	5.0	1.2	3.9	1.1	
Jun	3.1	4.5	2.2	4.0	1.3	
Jul	3.2	4.2	2.9	4.1	1.5	
Aug	3.1	4.1	3.3	3.9	1.4	
Sep	3.1	4.2	3.5	3.9	1.2	
Oct	3.2	4.7	4.1	3.7	1.0	
Nov	3.2	4.9	4.2	3.9	0.8	
Dec	3.4	5.2	4.3	4.1	0.8	
2015 Jan	3.3	5.2	4.0	4.1	0.8	
Feb	3.3	5.2	4.5	3.9	0.9	

1 The IOS output is designated as a National Statistic, however, a number of individual series are still experimental.

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 455803; fax 01633 455300 or e-mail [ios.enquiries@ons.gov.uk](mailto:ios.enquiries@ons.gov.uk)

continued

Industry sections (SIC2007)						
	Total service industries	Distribution hotels and restaurants	Transport, storage and communication	Business services and finance	Government and other services	
Section	G-T	G and I	H and J	K-N	O-T	
<b>2011 weights</b>	<b>1000</b>	<b>178</b>	<b>133</b>	<b>391</b>	<b>298</b>	
<b>Percentage change, latest 3 months on previous 3 months</b>						
	S2BG	S2DH	KI7D	KI7K	KI7S	
2013 Feb	0.1	-0.3	1.1	0.3	-0.3	
Mar	0.7	1.1	1.8	0.4	0.2	
Apr	1.0	2.1	1.7	0.6	0.4	
May	0.7	1.8	0.4	0.7	0.3	
Jun	0.5	1.6	-0.4	0.7	-0.1	
Jul	0.4	1.4	-0.6	0.7	-0.3	
Aug	0.5	1.4	-0.4	0.8	-0.1	
Sep	0.6	1.1	-	0.9	0.3	
Oct	0.7	0.6	-0.1	1.1	0.6	
Nov	0.7	0.5	0.1	1.2	0.6	
Dec	0.6	0.5	0.1	1.0	0.4	
2014 Jan	0.6	1.0	0.8	0.7	0.2	
Feb	0.6	1.2	0.8	0.6	0.2	
Mar	0.8	1.7	0.5	0.8	0.3	
Apr	0.9	1.7	0.2	1.2	0.4	
May	1.1	1.7	0.8	1.4	0.4	
Jun	1.0	1.2	1.6	1.2	0.4	
Jul	0.9	0.8	1.9	1.0	0.4	
Aug	0.7	0.6	1.6	0.7	0.3	
Sep	0.7	0.9	1.2	0.8	0.2	
Oct	0.7	1.1	1.1	0.8	-	
Nov	0.8	1.3	0.9	1.2	-0.1	
Dec	0.9	1.4	0.9	1.3	-	
2015 Jan	0.8	1.5	0.8	1.0	-	
Feb	0.7	1.5	1.1	0.6	0.3	

- 1 The IOS output is designated as a National Statistic, however, a number of individual series are still experimental.
- 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 455803; fax 01633 455300 or e-mail [ios.enquiries@ons.gov.uk](mailto:ios.enquiries@ons.gov.uk)

# RIOS1

IOS: Index of Services  
Revisions since previously published estimates

seasonally adjusted 2011 = 100

Industry sections (SIC2007)					
	Total service industries	Distribution hotels and restaurants	Transport, storage and communication	Business services and finance	Government and other services
Section	G-T	G and I	H and J	K-N	O-T
<b>2011 weights</b>	<b>1000</b>	<b>178</b>	<b>133</b>	<b>391</b>	<b>298</b>
	S2KU	S2MV	KI7B	KI7L	KI7T
2010	-	-	-	-	-
2011	-	-	-	-	-
2012	-	-	-	-	-
2013	-	-	-	-	-
2014	-	-	-	-	-
2013 Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-	-	-	-	-
May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2014 Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-	-	-	-	-
May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2015 Jan	-	0.1	-0.2	0.1	-0.1
<b>Percentage change, latest year on previous year</b>					
	S222	S243	KI77	KI7G	KI7O
2010	-	-	-	-	-
2011	-	-	-	-	-
2012	-	-	-	-	-
2013	-	-	-	-	-
2014	-	-	-	-	-
<b>Percentage change, latest month on same month a year ago</b>					
	S26Q	S28R	KI7A	KI7I	KI7Q
2013 Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-	-	-	-	-
May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2014 Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-	-	-	-	-
May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2015 Jan	-	0.1	-0.2	0.1	-

The earliest period open for revision is January 2015.

Sources: For further information on these data please telephone  
01633 455803; fax 01633 455300 or e-mail ios.enquiries@ons.gov.uk

# RIOS1

IOS: Index of Services

Revisions since previously published estimates

seasonally adjusted 2011 = 100

continued

Industry sections (SIC2007)					
	Total service industries	Distribution hotels and restaurants	Transport, storage and communication	Business services and finance	Government and other services
Section	G-T	G and I	H and J	K-N	O-T
<b>2011 weights</b>	<b>1000</b>	<b>178</b>	<b>133</b>	<b>391</b>	<b>298</b>

## Percentage change, latest month on previous month

	S222	S243	KI77	KI7G	KI7O
2013 Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-	-	-	-	-
May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2014 Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-	-	-	-	-
May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2015 Jan	-	0.1	-0.2	-	-0.1

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

	S2G6	S2I7	KI7C	KI7J	KI7R
2013 Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-	-	-	-	-
May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2014 Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-	-	-	-	-
May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2015 Jan	-	-	-0.1	-	-

The earliest period open for revision is January 2015.

Sources: For further information on these data please telephone 01633 455803; fax 01633 455300 or e-mail ios.enquiries@ons.gov.uk

# RIOS1

IOS: Index of Services

Revisions since previously published estimates

seasonally adjusted 2011 = 100

continued

Industry sections (SIC2007)					
	Total service industries	Distribution hotels and restaurants	Transport, storage and communication	Business services and finance	Government and other services
Section	G-T	G and I	H and J	K-N	O-T
<b>2011 weights</b>	<b>1000</b>	<b>178</b>	<b>133</b>	<b>391</b>	<b>298</b>

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

	S2BG	S2DH	KI7D	KI7K	KI7S
2013 Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-	-	-	-	-
May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2014 Jan	-	-	-	-	-
Feb	-	-	-	-	-
Mar	-	-	-	-	-
Apr	-	-	-	-	-
May	-	-	-	-	-
Jun	-	-	-	-	-
Jul	-	-	-	-	-
Aug	-	-	-	-	-
Sep	-	-	-	-	-
Oct	-	-	-	-	-
Nov	-	-	-	-	-
Dec	-	-	-	-	-
2015 Jan	-	-	-	-	-

The earliest period open for revision is January 2015.

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Industry components (SIC2007)						
Component	Wholesale and retail. repair of motor vehicles and motorcycles	Wholesale trade, except motor vehicles and motorcycles	Retail trades except of motor vehicles and motorcycles	Land transport	Air transport	
	45	46	47	49	51	
<b>2011 weights</b>	<b>23</b>	<b>47</b>	<b>72</b>	<b>22</b>	<b>6</b>	
	S2KW	S2KX	S2KY	KFV6	S2L5	
2010	101.6	94.6	99.8	98.7	93.5	
2011	100.0	100.0	100.0	100.0	100.0	
2012	106.4	98.5	100.7	99.2	106.2	
2013	118.7	106.0	102.2	100.9	110.1	
2014	129.4	111.1	106.3	107.6	115.3	
2013 Feb	116.7	103.6	101.6	101.0	110.9	
Mar	116.4	103.6	100.6	103.4	106.3	
Apr	115.7	107.4	99.8	100.2	107.0	
May	115.6	106.3	102.2	100.1	110.7	
Jun	116.7	106.9	102.6	100.6	113.2	
Jul	116.0	107.2	103.4	101.1	110.5	
Aug	119.5	107.4	102.6	100.4	110.7	
Sep	123.2	107.2	103.5	101.9	111.0	
Oct	122.4	106.8	102.4	102.0	111.8	
Nov	124.5	108.2	102.8	101.4	112.3	
Dec	127.0	104.6	105.2	98.6	112.9	
2014 Jan	126.8	108.1	103.4	101.8	113.8	
Feb	126.0	109.4	104.6	103.1	113.1	
Mar	128.1	111.7	104.9	104.5	114.8	
Apr	128.0	109.9	105.8	104.5	115.1	
May	127.3	110.7	105.9	107.7	117.3	
Jun	129.8	110.6	106.1	108.3	116.0	
Jul	129.2	111.3	106.2	109.0	114.5	
Aug	129.9	111.9	106.6	109.5	116.6	
Sep	131.0	113.2	106.1	109.9	116.6	
Oct	130.7	112.0	107.4	110.4	117.3	
Nov	132.0	111.8	109.2	110.8	114.4	
Dec	133.7	112.9	109.4	111.2	114.8	
2015 Jan	133.6	113.5	109.6	111.6	115.3	
Feb	134.1	112.9	110.2	110.9	114.9	
<b>Percentage change, latest year on previous year</b>						
	S224	S225	S226	KFV5	S22B	
2010	5.3	2.4	-0.6	-3.6	-1.5	
2011	-1.6	5.7	0.2	1.3	7.0	
2012	6.4	-1.5	0.7	-0.8	6.2	
2013	11.5	7.6	1.5	1.6	3.7	
2014	9.0	4.9	4.0	6.6	4.7	
<b>Percentage change, latest month on same month a year ago</b>						
	S26S	S26T	S26U	KF16	S26Z	
2013 Feb	16.0	7.1	1.7	3.4	5.5	
Mar	9.4	6.2	-1.4	3.4	0.1	
Apr	10.9	9.7	0.3	1.5	-1.6	
May	9.9	6.4	1.6	0.4	3.3	
Jun	12.1	14.8	1.9	4.9	5.7	
Jul	5.9	10.7	2.4	2.6	4.0	
Aug	11.1	7.4	1.7	-1.1	4.7	
Sep	8.5	7.9	2.3	2.5	4.2	
Oct	12.9	6.5	1.7	1.3	5.9	
Nov	13.0	7.8	2.0	2.8	5.9	
Dec	19.9	3.3	5.3	-1.4	6.7	
2014 Jan	15.0	5.5	3.7	2.3	9.3	
Feb	8.0	5.6	2.9	2.0	2.0	
Mar	10.0	7.8	4.4	1.1	8.0	
Apr	10.6	2.4	6.0	4.3	7.6	
May	10.1	4.1	3.6	7.5	6.0	
Jun	11.2	3.5	3.4	7.6	2.5	
Jul	11.4	3.8	2.6	7.9	3.6	
Aug	8.7	4.2	3.9	9.1	5.3	
Sep	6.4	5.6	2.5	7.8	5.0	
Oct	6.8	4.9	4.9	8.3	5.0	
Nov	6.0	3.2	6.2	9.3	1.9	
Dec	5.2	7.9	4.0	12.7	1.7	
2015 Jan	5.4	5.0	6.0	9.6	1.3	
Feb	6.4	3.2	5.4	7.6	1.6	

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# IOSCOMP

IOS: Index of Services

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

seasonally adjusted 2011 = 100

continued

Component	Industry components (SIC2007)				
	Wholesale and retail. repair of motor vehicles and motorcycles	Wholesale trade, except motor vehicles and motorcycles	Retail trades except of motor vehicles and motorcycles	Land transport	Air transport
	S224	S225	S226	KFV5	S22B
	45	46	47	49	51
<b>2011 weights</b>	<b>23</b>	<b>47</b>	<b>72</b>	<b>22</b>	<b>6</b>

## Percentage change, latest month on previous month

	S224	S225	S226	KFV5	S22B
2013 Feb	5.9	1.1	1.9	1.5	6.5
Mar	-0.2	-	-1.1	2.4	-4.2
Apr	-0.6	3.6	-0.8	-3.1	0.6
May	-0.1	-1.0	2.4	-0.1	3.5
Jun	1.0	0.5	0.4	0.5	2.2
Jul	-0.6	0.3	0.8	0.5	-2.4
Aug	3.0	0.2	-0.8	-0.7	0.2
Sep	3.1	-0.1	0.9	1.5	0.3
Oct	-0.7	-0.4	-1.1	0.1	0.7
Nov	1.7	1.4	0.3	-0.6	0.4
Dec	2.0	-3.4	2.4	-2.7	0.6
2014 Jan	-0.2	3.4	-1.7	3.2	0.8
Feb	-0.6	1.1	1.2	1.2	-0.7
Mar	1.6	2.1	0.4	1.4	1.5
Apr	-0.1	-1.6	0.8	-	0.2
May	-0.5	0.7	0.1	3.0	2.0
Jun	2.0	-0.1	0.2	0.6	-1.1
Jul	-0.5	0.6	0.1	0.7	-1.3
Aug	0.5	0.6	0.4	0.4	1.9
Sep	0.9	1.1	-0.4	0.4	-
Oct	-0.3	-1.1	1.2	0.5	0.6
Nov	1.0	-0.2	1.6	0.3	-2.5
Dec	1.3	1.0	0.2	0.4	0.4
2015 Jan	-	0.5	0.2	0.4	0.5
Feb	0.3	-0.6	0.6	-0.6	-0.4

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

	S2G8	S2G9	S2GA	KFI8	S2GF
2013 Feb	11.9	3.7	-	0.9	2.5
Mar	11.4	5.8	-0.4	2.1	1.9
Apr	12.0	7.7	0.2	2.8	1.3
May	10.1	7.4	0.1	1.8	0.6
Jun	11.0	10.2	1.2	2.3	2.4
Jul	9.2	10.6	1.9	2.6	4.3
Aug	9.7	10.9	2.0	2.1	4.8
Sep	8.5	8.6	2.1	1.3	4.3
Oct	10.8	7.2	1.9	0.9	4.9
Nov	11.4	7.4	2.0	2.2	5.3
Dec	15.2	5.9	3.0	0.9	6.2
2014 Jan	15.9	5.5	3.6	1.2	7.3
Feb	14.1	4.8	3.9	1.0	5.9
Mar	11.0	6.3	3.6	1.8	6.3
Apr	9.5	5.2	4.4	2.5	5.8
May	10.2	4.7	4.6	4.3	7.2
Jun	10.6	3.3	4.3	6.5	5.3
Jul	10.9	3.8	3.2	7.7	4.0
Aug	10.4	3.9	3.3	8.2	3.8
Sep	8.8	4.5	3.0	8.3	4.6
Oct	7.3	4.9	3.7	8.4	5.1
Nov	6.4	4.6	4.5	8.5	3.9
Dec	6.0	5.3	5.0	10.1	2.8
2015 Jan	5.5	5.4	5.4	10.5	1.6
Feb	5.7	5.3	5.1	9.9	1.5

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# IOSCOMP

IOS: Index of Services

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

seasonally adjusted 2011 = 100

continued

Component	Industry components (SIC2007)				
	Wholesale and retail. repair of motor vehicles and motorcycles	Wholesale trade, except motor vehicles and motorcycles	Retail trades except of motor vehicles and motorcycles	Land transport	Air transport
	45	46	47	49	51
<b>2011 weights</b>	<b>23</b>	<b>47</b>	<b>72</b>	<b>22</b>	<b>6</b>

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

	S2BI	S2BJ	S2BK	KFJ2	S2BP
2013 Feb	0.2	2.4	-0.5	0.6	0.9
Mar	5.8	2.6	0.1	1.6	1.2
Apr	6.9	3.4	0.5	2.2	2.6
May	4.5	3.3	0.4	1.0	1.0
Jun	1.4	3.5	0.9	-1.0	3.0
Jul	-0.1	1.8	2.1	-0.9	3.2
Aug	1.3	1.3	2.0	-0.5	3.2
Sep	3.1	0.4	1.6	0.8	0.4
Oct	4.8	0.3	0.1	0.8	-0.3
Nov	5.1	0.3	-	1.0	0.2
Dec	4.2	-0.7	0.3	-0.4	1.4
2014 Jan	3.6	-0.1	0.9	-0.8	1.6
Feb	2.6	-0.1	1.4	-0.6	1.4
Mar	1.9	3.0	0.8	2.5	1.4
Apr	1.0	3.1	1.3	3.4	1.2
May	0.9	3.2	1.1	4.3	2.2
Jun	1.1	0.6	1.6	3.6	2.0
Jul	1.1	0.5	0.9	4.1	1.4
Aug	1.5	0.4	0.7	3.2	-
Sep	1.3	1.6	0.3	2.5	-0.2
Oct	1.4	1.4	0.6	1.5	0.8
Nov	1.2	1.0	1.2	1.3	0.4
Dec	1.6	0.1	2.3	1.2	-0.3
2015 Jan	2.0	0.3	2.5	1.1	-1.7
Feb	1.9	0.7	2.0	0.8	-0.9

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# IOSCOMP

IOS: Index of Services

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

seasonally adjusted 2011 = 100

continued

Component	Industry components (SIC2007)				
	Warehousing and support activities for transportation	Postal and courier activities	Accommodation	Food and beverage service activities	Publishing, audiovisual and broadcasting activities
	52	53	55	56	58-60
<b>2011 weights</b>	<b>14</b>	<b>9</b>	<b>10</b>	<b>26</b>	<b>21</b>
	S2L6	S2L7	S2L9	S2LA	KFW8
2010	96.1	108.8	92.8	99.1	96.8
2011	100.0	100.0	100.0	100.0	100.0
2012	103.2	92.1	100.0	105.6	103.4
2013	104.9	89.9	103.6	100.4	108.2
2014	112.0	90.5	105.7	103.6	103.8
2013 Feb	104.7	91.9	101.4	102.7	108.9
Mar	103.9	90.3	104.0	100.3	109.8
Apr	104.6	88.8	103.7	99.7	106.2
May	105.4	88.3	106.0	101.3	106.1
Jun	104.7	89.9	107.9	99.0	107.0
Jul	106.5	91.4	106.5	100.3	106.9
Aug	105.0	89.2	107.7	100.9	107.8
Sep	104.3	85.7	100.5	99.3	109.9
Oct	104.0	88.9	102.7	99.0	107.8
Nov	104.5	92.1	103.5	101.1	109.4
Dec	105.9	90.8	100.6	101.7	111.1
2014 Jan	110.1	89.9	103.3	101.5	106.4
Feb	107.2	90.4	103.0	102.5	103.6
Mar	108.3	92.1	100.8	104.0	102.3
Apr	109.3	92.5	104.8	103.1	103.3
May	110.1	91.1	106.8	103.6	102.8
Jun	111.9	91.8	103.7	103.2	103.2
Jul	113.3	91.6	103.8	103.7	102.8
Aug	113.4	90.6	106.0	103.4	103.0
Sep	114.1	90.2	107.6	104.9	103.1
Oct	115.1	88.9	109.0	104.2	103.5
Nov	113.5	87.9	109.4	104.1	104.6
Dec	117.7	88.9	110.4	105.1	107.4
2015 Jan	112.7	90.9	110.9	104.5	108.7
Feb	112.6	90.9	113.1	105.4	107.7
<b>Percentage change, latest year on previous year</b>					
	S22C	S22D	S22F	S22G	KFW7
2010	-5.6	1.6	5.9	1.4	2.5
2011	4.1	-8.1	7.8	0.9	3.3
2012	3.2	-7.9	-	5.6	3.4
2013	1.6	-2.4	3.6	-4.9	4.6
2014	6.8	0.7	2.1	3.2	-4.0
<b>Percentage change, latest month on same month a year ago</b>					
	S272	S273	S275	S276	KFM4
2013 Feb	3.6	-5.6	3.6	0.1	7.1
Mar	0.7	-4.9	4.2	-5.3	8.2
Apr	2.2	-3.9	3.1	-5.9	2.7
May	0.5	-7.6	8.7	-5.0	-
Jun	3.4	-3.0	8.6	-6.4	5.0
Jul	3.0	1.0	6.0	-5.6	7.1
Aug	0.3	-0.3	2.6	-6.9	4.6
Sep	0.6	-3.9	-1.2	-7.4	7.9
Oct	-0.6	-3.5	3.0	-6.6	2.8
Nov	-	1.7	5.4	-4.0	3.4
Dec	2.5	3.5	0.4	-0.3	5.1
2014 Jan	4.7	-1.6	5.1	2.0	-0.5
Feb	2.4	-1.7	1.5	-0.2	-4.8
Mar	4.3	2.1	-3.1	3.7	-6.8
Apr	4.5	4.2	1.1	3.4	-2.7
May	4.4	3.2	0.8	2.3	-3.1
Jun	6.9	2.1	-4.0	4.2	-3.6
Jul	6.4	0.2	-2.6	3.4	-3.8
Aug	8.0	1.5	-1.6	2.5	-4.5
Sep	9.3	5.3	7.0	5.6	-6.2
Oct	10.6	0.1	6.2	5.2	-4.0
Nov	8.6	-4.5	5.7	3.0	-4.4
Dec	11.2	-2.1	9.7	3.4	-3.4
2015 Jan	2.3	1.1	7.3	3.0	2.2
Feb	5.0	0.6	9.9	2.8	3.9

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# IOSCOMP

IOS: Index of Services

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

seasonally adjusted 2011 = 100

continued

Component	Industry components (SIC2007)				
	Warehousing and support activities for transportation	Postal and courier activities	Accommodation	Food and beverage service activities	Publishing, audiovisual and broadcasting activities
2011 weights	52	53	55	56	58-60
	14	9	10	26	21

## Percentage change, latest month on previous month

	S22C	S22D	S22F	S22G	KFW7
2013 Feb	-0.5	0.6	3.2	3.2	1.8
Mar	-0.8	-1.8	2.5	-2.3	0.9
Apr	0.7	-1.6	-0.3	-0.6	-3.3
May	0.8	-0.7	2.2	1.6	-0.1
Jun	-0.7	1.8	1.9	-2.2	0.9
Jul	1.7	1.7	-1.3	1.3	-0.1
Aug	-1.4	-2.4	1.1	0.6	0.8
Sep	-0.6	-3.9	-6.7	-1.5	1.9
Oct	-0.3	3.7	2.1	-0.3	-1.9
Nov	0.5	3.6	0.9	2.1	1.5
Dec	1.3	-1.3	-2.8	0.5	1.6
2014 Jan	4.0	-1.1	2.7	-0.1	-4.3
Feb	-2.6	0.5	-0.3	1.0	-2.6
Mar	1.0	2.0	-2.2	1.5	-1.3
Apr	0.9	0.4	4.0	-0.9	1.0
May	0.8	-1.6	1.9	0.5	-0.5
Jun	1.6	0.7	-2.9	-0.5	0.3
Jul	1.3	-0.2	0.1	0.5	-0.3
Aug	0.1	-1.1	2.2	-0.3	0.1
Sep	0.6	-0.4	1.5	1.4	0.1
Oct	0.8	-1.4	1.3	-0.6	0.4
Nov	-1.4	-1.2	0.3	-0.1	1.0
Dec	3.7	1.2	0.9	0.9	2.7
2015 Jan	-4.3	2.2	0.5	-0.5	1.3
Feb	-	0.1	2.0	0.8	-0.9

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

	S2GG	S2GH	S2GJ	S2GK	KFM6
2013 Feb	2.8	-6.4	0.6	-1.7	3.9
Mar	2.5	-4.1	2.4	-3.3	5.6
Apr	2.2	-4.8	3.7	-3.8	6.0
May	1.1	-5.5	5.3	-5.4	3.6
Jun	2.0	-4.9	6.8	-5.8	2.5
Jul	2.3	-3.3	7.8	-5.7	4.0
Aug	2.3	-0.8	5.7	-6.3	5.6
Sep	1.3	-1.0	2.5	-6.7	6.5
Oct	0.1	-2.6	1.5	-7.0	5.1
Nov	-	-1.9	2.4	-6.0	4.7
Dec	0.6	0.5	2.9	-3.7	3.8
2014 Jan	2.4	1.1	3.6	-0.8	2.7
Feb	3.2	-	2.3	0.5	-0.1
Mar	3.8	-0.4	1.1	1.8	-4.1
Apr	3.7	1.5	-0.2	2.3	-4.8
May	4.4	3.1	-0.4	3.1	-4.2
Jun	5.3	3.1	-0.7	3.3	-3.1
Jul	5.9	1.8	-1.9	3.3	-3.5
Aug	7.1	1.3	-2.7	3.4	-4.0
Sep	7.9	2.3	0.8	3.8	-4.8
Oct	9.3	2.2	3.8	4.4	-4.9
Nov	9.5	0.1	6.3	4.6	-4.9
Dec	10.1	-2.2	7.2	3.9	-3.9
2015 Jan	7.3	-1.9	7.5	3.1	-1.9
Feb	6.1	-0.1	8.9	3.0	0.8

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# IOSCOMP

IOS: Index of Services

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

seasonally adjusted 2011 = 100

continued

Component	Industry components (SIC2007)				
	Warehousing and support activities for transportation	Postal and courier activities	Accommodation	Food and beverage service activities	Publishing, audiovisual and broadcasting activities
2011 weights	52	53	55	56	58-60
	14	9	10	26	21

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

	S2BQ	S2BR	S2BT	S2BU	KFM8
2013 Feb	0.1	-0.3	0.1	-4.5	2.9
Mar	0.4	1.1	1.9	-3.4	2.9
Apr	0.1	0.5	4.1	-1.3	2.1
May	0.3	-1.3	4.6	-0.9	0.2
Jun	0.3	-2.4	4.6	-0.9	-1.9
Jul	1.1	-0.5	3.7	-0.7	-1.5
Aug	0.7	1.2	2.7	-0.4	-0.1
Sep	0.3	-0.3	-0.9	0.2	1.6
Oct	-1.0	-2.1	-3.0	-0.5	1.7
Nov	-1.1	-1.4	-4.8	-0.2	1.6
Dec	-0.5	2.0	-2.5	0.4	1.1
2014 Jan	2.3	3.4	-1.1	1.7	0.4
Feb	3.3	1.7	0.1	2.1	-1.8
Mar	3.6	0.2	0.1	2.1	-4.9
Apr	1.4	0.8	0.3	1.7	-5.4
May	1.4	1.7	1.8	1.6	-3.9
Jun	1.7	1.1	2.7	0.6	-0.9
Jul	3.2	-0.2	1.8	0.3	-0.1
Aug	3.3	-0.7	0.4	-0.1	0.2
Sep	2.9	-1.1	0.7	0.7	-0.1
Oct	2.2	-1.7	2.7	0.6	0.2
Nov	1.2	-2.5	4.0	0.9	0.7
Dec	1.6	-2.4	3.6	0.5	2.1
2015 Jan	0.4	-0.7	2.5	0.4	3.6
Feb	0.1	1.4	2.6	0.6	4.1

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# IOSCOMP

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

seasonally adjusted 2011 = 100

continued

Component	Industry components (SIC2007)				
	Telecom -munications	Computer programming, consultancy and related activities	Information service activities	Financial service activities except insurance and pension funding	Real estate activities
2011 weights	61	62	63	64	68
	22	31	5	62	137
	S2LE	S2LF	S2LG	S2LI	KFW4
2010	95.7	98.9	101.1	104.6	97.5
2011	100.0	100.0	100.0	100.0	100.0
2012	100.4	105.0	97.0	97.6	103.1
2013	96.2	108.4	102.9	93.3	105.1
2014	92.8	115.9	106.3	90.4	107.8
2013 Feb	100.1	108.6	101.4	95.3	104.2
Mar	99.3	106.1	95.8	94.5	104.6
Apr	99.0	109.7	103.6	93.7	104.8
May	100.5	107.0	101.8	94.0	104.8
Jun	96.7	106.6	97.5	93.2	104.8
Jul	98.0	106.1	101.7	92.4	104.9
Aug	94.5	109.1	104.1	92.1	105.1
Sep	93.8	109.0	106.2	92.0	105.4
Oct	92.4	107.5	106.6	92.6	105.9
Nov	90.7	110.6	104.7	92.6	106.2
Dec	91.0	112.5	107.7	92.0	106.9
2014 Jan	91.0	113.9	101.7	91.7	106.9
Feb	91.8	112.3	106.3	90.9	107.3
Mar	94.0	110.4	103.8	90.0	107.2
Apr	92.8	114.7	104.7	90.1	107.3
May	91.0	116.8	104.7	89.9	107.8
Jun	92.6	115.6	109.4	90.1	107.5
Jul	92.7	116.9	107.6	90.1	108.0
Aug	92.9	117.4	105.3	89.8	107.8
Sep	94.1	117.8	106.2	89.4	108.4
Oct	93.9	119.1	109.2	90.1	108.4
Nov	93.4	118.2	109.0	90.9	108.4
Dec	93.7	117.6	107.6	91.5	108.8
2015 Jan	93.5	118.6	113.0	91.3	108.8
Feb	93.1	121.8	113.8	90.6	109.2
<b>Percentage change, latest year on previous year</b>					
	S22K	S22L	S22M	S22O	KFW3
2010	5.7	10.3	10.0	-6.8	2.3
2011	4.5	1.1	-1.1	-4.4	2.5
2012	0.4	5.0	-3.0	-2.4	3.1
2013	-4.2	3.3	6.1	-4.4	2.0
2014	-3.5	6.9	3.3	-3.2	2.6
<b>Percentage change, latest month on same month a year ago</b>					
	S27A	S27B	S27C	S27E	KFK8
2013 Feb	0.6	2.1	-3.4	-2.4	2.3
Mar	-1.5	-0.8	-13.6	-3.5	2.5
Apr	-2.2	6.2	0.3	-5.0	2.1
May	-0.7	1.9	3.9	-4.7	1.6
Jun	-5.2	6.3	10.5	-5.5	1.4
Jul	-2.8	1.7	14.2	-6.0	1.1
Aug	-6.3	2.7	17.2	-5.4	1.4
Sep	-6.8	2.9	18.3	-5.6	1.9
Oct	-7.0	0.5	14.9	-3.7	2.0
Nov	-8.7	6.1	21.0	-4.2	2.4
Dec	-6.4	7.9	5.9	-4.0	3.1
2014 Jan	-7.8	5.1	-2.1	-4.3	2.8
Feb	-8.3	3.4	4.8	-4.5	3.0
Mar	-5.3	4.1	8.3	-4.7	2.5
Apr	-6.3	4.6	1.1	-3.8	2.5
May	-9.5	9.2	2.9	-4.4	2.9
Jun	-4.3	8.4	12.3	-3.3	2.6
Jul	-5.3	10.2	5.8	-2.5	3.0
Aug	-1.7	7.6	1.2	-2.4	2.6
Sep	0.4	8.0	-0.1	-2.8	2.9
Oct	1.6	10.8	2.4	-2.7	2.4
Nov	2.9	6.8	4.2	-1.8	2.0
Dec	2.9	4.5	-0.2	-0.5	1.8
2015 Jan	2.7	4.1	11.1	-0.4	1.8
Feb	1.4	8.5	7.1	-0.3	1.8

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# IOSCOMP

IOS: Index of Services

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

seasonally adjusted 2011 = 100

continued

Component	Industry components (SIC2007)				
	Telecom -munications	Computer programming, consultancy and related activities	Information service activities	Financial service activities except insurance and pension funding	Real estate activities
2011 weights	61	62	63	64	68
	22	31	5	62	137

## Percentage change, latest month on previous month

	S22K	S22L	S22M	S22O	KFW3
2013 Feb	1.5	0.2	-2.5	-0.5	0.2
Mar	-0.8	-2.3	-5.5	-0.8	0.4
Apr	-0.3	3.4	8.1	-0.9	0.2
May	1.6	-2.5	-1.7	0.4	-
Jun	-3.8	-0.3	-4.3	-0.9	-
Jul	1.3	-0.5	4.4	-0.8	0.1
Aug	-3.5	2.8	2.3	-0.4	0.2
Sep	-0.8	-0.1	2.1	-0.1	0.3
Oct	-1.4	-1.4	0.4	0.7	0.4
Nov	-1.9	2.9	-1.8	-0.1	0.4
Dec	0.4	1.7	2.9	-0.6	0.7
2014 Jan	-	1.2	-5.6	-0.3	-
Feb	0.9	-1.4	4.5	-0.8	0.3
Mar	2.4	-1.6	-2.3	-1.0	-0.1
Apr	-1.3	3.9	0.9	0.1	0.1
May	-1.9	1.8	-	-0.3	0.5
Jun	1.8	-1.1	4.5	0.2	-0.3
Jul	0.2	1.2	-1.6	0.1	0.4
Aug	0.2	0.4	-2.2	-0.4	-0.1
Sep	1.3	0.3	0.8	-0.5	0.6
Oct	-0.2	1.1	2.9	0.8	-
Nov	-0.6	-0.8	-0.1	0.9	-
Dec	0.4	-0.5	-1.4	0.7	0.4
2015 Jan	-0.2	0.8	5.1	-0.2	-
Feb	-0.4	2.7	0.7	-0.8	0.4

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

	S2GQ	S2GP	S2GQ	S2GS	KFL2
2013 Feb	-2.6	2.6	-3.6	-2.6	2.0
Mar	-1.4	1.2	-7.5	-2.8	2.2
Apr	-1.0	2.4	-5.8	-3.6	2.3
May	-1.5	2.4	-3.5	-4.4	2.1
Jun	-2.7	4.8	4.6	-5.1	1.7
Jul	-2.9	3.2	9.3	-5.4	1.4
Aug	-4.8	3.5	14.0	-5.6	1.3
Sep	-5.3	2.4	16.6	-5.7	1.5
Oct	-6.7	2.0	16.8	-4.9	1.8
Nov	-7.5	3.2	18.0	-4.5	2.1
Dec	-7.4	4.8	13.5	-4.0	2.5
2014 Jan	-7.6	6.3	7.5	-4.2	2.8
Feb	-7.5	5.4	2.8	-4.3	3.0
Mar	-7.2	4.2	3.5	-4.5	2.8
Apr	-6.6	4.0	4.7	-4.4	2.7
May	-7.0	5.9	4.0	-4.3	2.6
Jun	-6.7	7.4	5.3	-3.9	2.7
Jul	-6.4	9.2	6.9	-3.4	2.8
Aug	-3.8	8.7	6.3	-2.8	2.7
Sep	-2.3	8.6	2.3	-2.6	2.8
Oct	0.1	8.8	1.2	-2.7	2.6
Nov	1.6	8.5	2.2	-2.4	2.4
Dec	2.5	7.3	2.1	-1.7	2.1
2015 Jan	2.9	5.1	4.9	-0.9	1.8
Feb	2.4	5.7	5.9	-0.4	1.8

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seasonally adjusted 2011 = 100

continued

Component	Industry components (SIC2007)				
	Telecom -munications	Computer programming, consultancy and related activities	Information service activities	Financial service activities except insurance and pension funding	Real estate activities
2011 weights	61	62	63	64	68
	22	31	5	62	137

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

	S2BY	S2BZ	S2C2	S2C4	KFL4
2013 Feb	-1.1	1.3	14.1	-1.2	0.3
Mar	0.8	2.4	7.2	-1.1	0.5
Apr	1.1	2.4	2.9	-1.7	0.7
May	0.9	0.5	-1.9	-1.6	0.7
Jun	-0.6	0.1	0.6	-1.6	0.5
Jul	-1.1	-1.4	0.1	-1.3	0.3
Aug	-3.2	-0.3	0.7	-1.6	0.2
Sep	-3.4	0.3	3.0	-1.6	0.3
Oct	-4.9	1.8	5.3	-1.0	0.6
Nov	-4.3	1.6	4.7	-0.2	0.9
Dec	-4.2	2.0	2.2	0.2	1.2
2014 Jan	-2.9	3.5	-0.9	-0.2	1.2
Feb	-1.1	3.5	-0.6	-0.9	1.1
Mar	1.0	1.8	-2.3	-1.6	0.7
Apr	2.2	0.1	0.2	-1.9	0.5
May	1.4	1.0	-0.8	-1.7	0.4
Jun	-0.2	3.1	2.3	-1.0	0.4
Jul	-0.8	3.5	2.2	-0.4	0.5
Aug	0.2	2.3	2.9	-	0.3
Sep	1.2	1.4	0.1	-0.3	0.5
Oct	1.7	1.4	-0.4	-0.3	0.4
Nov	1.2	1.5	0.6	0.2	0.6
Dec	0.4	0.8	2.1	1.2	0.4
2015 Jan	-0.2	-	2.8	1.6	0.4
Feb	-0.4	0.8	3.1	1.1	0.5

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continued

Industry components (SIC2007)						
Component	Other professional service activities 69-71	Other professional scientific and technical activities 73-75	Administrative and support service activities 77-82	Public admin and defence; compulsory social security 84	Education 85	
<b>2011 weights</b>	<b>67</b>	<b>17</b>	<b>57</b>	<b>70</b>	<b>87</b>	
	KFX6	KFY2	S2LZ	S2M9	S2MB	
2010	95.5	85.8	93.4	104.2	99.2	
2011	100.0	100.0	100.0	100.0	100.0	
2012	103.1	106.2	108.1	98.4	102.9	
2013	111.1	107.7	114.2	96.5	103.3	
2014	119.0	116.1	125.5	94.5	103.4	
2013 Feb	108.3	104.3	108.5	96.9	103.1	
Mar	108.4	104.4	109.3	96.8	103.5	
Apr	109.5	106.3	111.2	96.6	103.4	
May	110.9	104.1	112.7	96.5	103.0	
Jun	111.4	106.6	113.5	96.5	103.0	
Jul	112.6	106.2	114.4	96.7	103.3	
Aug	113.2	109.8	116.2	96.6	103.4	
Sep	113.4	110.9	117.0	96.2	103.3	
Oct	113.1	111.7	117.9	96.0	103.3	
Nov	113.5	110.6	120.2	95.8	103.3	
Dec	112.3	112.0	120.1	95.7	103.5	
2014 Jan	113.4	110.2	120.8	95.5	103.4	
Feb	114.9	112.4	121.4	95.2	103.5	
Mar	117.0	115.8	123.1	95.0	103.5	
Apr	117.0	117.1	123.6	94.8	103.6	
May	118.3	114.1	125.1	94.5	103.5	
Jun	120.3	116.1	126.0	94.2	103.6	
Jul	119.5	119.1	127.8	94.2	103.7	
Aug	118.9	114.8	126.5	94.2	103.6	
Sep	121.0	117.3	127.6	94.2	103.5	
Oct	122.5	115.6	128.2	94.0	103.2	
Nov	122.0	120.6	126.8	94.0	103.0	
Dec	123.1	120.2	128.7	93.9	103.0	
2015 Jan	121.4	119.8	127.8	93.7	103.1	
Feb	123.3	116.2	128.3	93.7	103.3	
<b>Percentage change, latest year on previous year</b>						
	KFX5	KFX9	S237	S23F	S23H	
2010	0.5	7.3	12.1	-0.8	-0.8	
2011	4.7	16.5	7.1	-4.0	0.8	
2012	3.1	6.2	8.1	-1.6	2.9	
2013	7.8	1.4	5.6	-2.0	0.4	
2014	7.1	7.8	9.9	-2.0	0.1	
<b>Percentage change, latest month on same month a year ago</b>						
	KFO6	KFQ2	S27V	S285	S287	
2013 Feb	4.3	0.4	3.8	-1.5	1.6	
Mar	5.5	0.5	1.5	-1.5	2.5	
Apr	7.0	1.0	6.0	-2.3	1.8	
May	5.4	-2.6	3.8	-2.4	0.8	
Jun	13.2	4.0	7.7	-2.2	0.4	
Jul	12.9	-4.9	6.0	-2.0	-0.2	
Aug	9.5	1.5	5.4	-1.9	-1.0	
Sep	9.3	6.3	6.6	-2.1	-1.2	
Oct	8.8	2.9	4.5	-2.0	-0.8	
Nov	7.8	1.9	9.1	-2.1	-0.3	
Dec	6.4	4.8	9.4	-2.1	0.2	
2014 Jan	6.2	4.2	10.9	-1.6	0.2	
Feb	6.1	7.8	11.9	-1.8	0.4	
Mar	7.9	11.0	12.6	-1.9	-	
Apr	6.8	10.1	11.1	-1.8	0.1	
May	6.7	9.6	11.0	-2.1	0.5	
Jun	8.0	8.9	11.0	-2.4	0.6	
Jul	6.1	12.1	11.7	-2.6	0.3	
Aug	5.0	4.6	8.9	-2.5	0.2	
Sep	6.7	5.7	9.0	-2.1	0.2	
Oct	8.3	3.5	8.7	-2.1	-0.1	
Nov	7.5	9.0	5.5	-1.9	-0.3	
Dec	9.6	7.3	7.1	-1.9	-0.4	
2015 Jan	7.1	8.7	5.8	-1.8	-0.2	
Feb	7.3	3.4	5.7	-1.6	-0.2	

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# IOSCOMP

IOS: Index of Services

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

seasonally adjusted 2011 = 100

continued

Industry components (SIC2007)					
Component	Other professional service activities	Other professional scientific and technical activities	Administrative and support service activities	Public admin and defence; compulsory social security	Education
	69-71	73-75	77-82	84	85
<b>2011 weights</b>	<b>67</b>	<b>17</b>	<b>57</b>	<b>70</b>	<b>87</b>

## Percentage change, latest month on previous month

	KFX5	KFX9	S237	S23F	S23H
2013 Feb	1.5	-1.4	-0.3	-0.1	-0.1
Mar	0.1	0.1	0.7	-0.2	0.4
Apr	1.0	1.8	1.8	-0.2	-
May	1.2	-2.1	1.3	-0.1	-0.4
Jun	0.5	2.4	0.7	-	-
Jul	1.0	-0.3	0.8	0.2	0.4
Aug	0.6	3.4	1.5	-0.1	0.1
Sep	0.2	1.0	0.7	-0.4	-0.1
Oct	-0.3	0.7	0.8	-0.2	0.1
Nov	0.3	-0.9	1.9	-0.2	-
Dec	-1.0	1.2	-0.1	-0.2	0.1
2014 Jan	1.0	-1.6	0.5	-0.2	-0.1
Feb	1.3	2.0	0.5	-0.3	0.1
Mar	1.8	3.0	1.4	-0.2	-
Apr	-	1.1	0.4	-0.1	0.1
May	1.1	-2.6	1.2	-0.3	-
Jun	1.7	1.8	0.7	-0.3	-
Jul	-0.7	2.6	1.4	-0.1	0.1
Aug	-0.5	-3.6	-1.0	0.1	-
Sep	1.8	2.1	0.8	-	-0.1
Oct	1.2	-1.4	0.5	-0.2	-0.2
Nov	-0.4	4.3	-1.1	-0.1	-0.2
Dec	0.9	-0.4	1.5	-0.1	-
2015 Jan	-1.4	-0.3	-0.7	-0.2	0.1
Feb	1.5	-3.0	0.4	-	0.2

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

	KFO8	KFQ4	S2HB	S2HJ	S2HL
2013 Feb	3.2	1.1	4.9	-1.4	1.4
Mar	4.4	0.7	2.8	-1.6	1.8
Apr	5.6	0.6	3.8	-1.8	2.0
May	5.9	-0.4	3.8	-2.0	1.7
Jun	8.4	0.8	5.8	-2.3	1.0
Jul	10.4	-1.3	5.8	-2.2	0.3
Aug	11.9	0.1	6.4	-2.0	-0.3
Sep	10.6	0.8	6.0	-2.0	-0.8
Oct	9.2	3.5	5.5	-2.0	-1.0
Nov	8.6	3.7	6.7	-2.1	-0.8
Dec	7.7	3.2	7.6	-2.1	-0.3
2014 Jan	6.8	3.7	9.8	-1.9	-
Feb	6.2	5.6	10.7	-1.8	0.2
Mar	6.7	7.7	11.8	-1.8	0.2
Apr	6.9	9.6	11.8	-1.8	0.2
May	7.1	10.2	11.6	-1.9	0.2
Jun	7.2	9.6	11.0	-2.1	0.4
Jul	6.9	10.2	11.2	-2.3	0.5
Aug	6.4	8.5	10.5	-2.5	0.4
Sep	5.9	7.4	9.8	-2.4	0.3
Oct	6.7	4.6	8.9	-2.2	0.1
Nov	7.5	6.1	7.7	-2.0	-
Dec	8.5	6.6	7.1	-2.0	-0.3
2015 Jan	8.1	8.3	6.2	-1.9	-0.3
Feb	8.0	6.4	6.2	-1.8	-0.3

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# IOSCOMP

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

seasonally adjusted 2011 = 100

continued

Industry components (SIC2007)					
Component	Other professional service activities	Other professional scientific and technical activities	Administrative and support service activities	Public admin and defence; compulsory social security	Education
	69-71	73-75	77-82	84	85
<b>2011 weights</b>	<b>67</b>	<b>17</b>	<b>57</b>	<b>70</b>	<b>87</b>

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

	KFP2	KFQ6	S2CL	S2CT	S2CV
2013 Feb	2.4	-1.4	-1.7	-0.8	-0.9
Mar	2.8	-2.9	-1.8	-1.0	-0.4
Apr	2.7	-1.9	0.1	-0.8	-
May	2.6	-0.7	1.9	-0.6	0.1
Jun	2.6	0.8	3.3	-0.4	-0.1
Jul	2.7	0.6	3.5	-0.2	-0.3
Aug	2.6	2.5	3.3	-	-0.1
Sep	2.2	3.2	3.0	-	0.2
Oct	1.5	4.9	3.1	-0.3	0.2
Nov	0.8	3.3	3.2	-0.6	0.1
Dec	-0.1	2.2	3.1	-0.7	0.1
2014 Jan	-0.2	0.1	2.8	-0.7	0.1
Feb	0.1	0.4	2.0	-0.6	0.1
Mar	1.9	1.3	1.9	-0.7	0.1
Apr	2.9	3.7	1.9	-0.7	0.1
May	3.4	3.7	2.6	-0.7	0.1
Jun	3.0	2.6	2.6	-0.7	0.1
Jul	2.6	1.1	2.9	-0.7	0.1
Aug	1.8	0.9	2.3	-0.6	0.1
Sep	1.1	1.1	1.9	-0.3	-
Oct	1.2	-0.4	0.9	-0.2	-0.1
Nov	1.9	1.0	0.6	-0.1	-0.3
Dec	2.3	1.5	0.5	-0.3	-0.5
2015 Jan	1.1	3.7	0.3	-0.3	-0.4
Feb	0.6	0.8	0.6	-0.3	-0.1

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# IOSCOMP

IOS: Index of Services

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

seasonally adjusted 2011 = 100

continued

Industry components (SIC2007)				
Component	Human health and social work activities 86-88	Arts, entertainment and recreation 90-93	Other service activities 94-96	Activities of households as employers 97
<b>2011 weights</b>	<b>91</b>	<b>19</b>	<b>27</b>	<b>5</b>
	S2MC	S2MG	S2ML	S2MQ
2010	97.2	96.7	93.4	105.6
2011	100.0	100.0	100.0	100.0
2012	103.0	104.5	95.9	105.0
2013	105.0	107.8	94.3	107.0
2014	106.9	111.4	101.6	108.1
2013 Feb	104.4	104.1	95.6	111.7
Mar	104.4	105.0	95.1	112.6
Apr	104.7	107.6	94.2	108.8
May	104.5	108.1	94.2	98.7
Jun	104.1	108.5	93.9	99.7
Jul	104.9	108.6	92.9	100.8
Aug	105.2	108.3	93.1	102.4
Sep	105.7	109.8	93.4	108.7
Oct	105.6	111.7	95.7	110.4
Nov	105.7	109.3	94.6	112.3
Dec	105.9	110.4	94.1	110.9
2014 Jan	105.9	112.2	97.2	110.1
Feb	106.0	112.2	98.1	108.0
Mar	106.1	112.7	99.5	103.7
Apr	106.2	112.8	100.7	105.0
May	106.5	112.9	102.7	106.3
Jun	107.0	112.6	101.7	108.5
Jul	107.3	111.6	102.4	108.6
Aug	107.6	110.4	102.4	108.0
Sep	107.6	109.4	102.5	107.5
Oct	107.5	109.7	104.5	108.9
Nov	107.5	108.5	102.6	111.1
Dec	107.8	112.1	104.6	111.8
2015 Jan	108.0	110.3	103.4	112.2
Feb	108.2	111.3	105.2	112.1
<b>Percentage change, latest year on previous year</b>				
	S23I	S23M	S23R	S23W
2010	3.9	-2.1	-2.9	11.8
2011	2.9	3.4	7.1	-5.3
2012	3.0	4.5	-4.1	5.0
2013	1.9	3.2	-1.7	1.9
2014	1.9	3.4	7.7	1.1
<b>Percentage change, latest month on same month a year ago</b>				
	S288	S28C	S28H	S28M
2013 Feb	1.5	3.6	-1.2	13.1
Mar	1.4	3.3	-5.4	14.4
Apr	1.8	5.2	-2.6	8.4
May	1.9	5.0	-2.1	-6.3
Jun	1.4	6.1	-1.5	-7.3
Jul	2.1	-0.2	-4.4	-10.2
Aug	2.0	-5.4	-5.2	-4.6
Sep	2.2	1.3	-1.3	2.7
Oct	2.0	7.0	3.2	4.2
Nov	2.1	4.4	2.6	5.2
Dec	2.4	7.0	2.1	3.0
2014 Jan	1.5	9.8	2.5	3.1
Feb	1.5	7.7	2.6	-3.3
Mar	1.7	7.3	4.7	-7.9
Apr	1.4	4.9	6.9	-3.5
May	1.9	4.4	9.0	7.7
Jun	2.7	3.8	8.4	8.8
Jul	2.4	2.7	10.2	7.7
Aug	2.2	1.9	9.9	5.5
Sep	1.8	-0.4	9.8	-1.1
Oct	1.8	-1.8	9.2	-1.4
Nov	1.7	-0.7	8.5	-1.1
Dec	1.9	1.5	11.2	0.8
2015 Jan	1.9	-1.6	6.3	1.9
Feb	2.1	-0.7	7.2	3.8

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seasonally adjusted 2011 = 100

continued

Industry components (SIC2007)				
	Human health and social work activities	Arts, entertainment and recreation	Other service activities	Activities of households as employers
Component	86-88	90-93	94-96	97
<b>2011 weights</b>	<b>91</b>	<b>19</b>	<b>27</b>	<b>5</b>

## Percentage change, latest month on previous month

	S23I	S23M	S23R	S23W
2013 Feb	-	1.9	0.9	4.5
Mar	-	0.9	-0.6	0.9
Apr	0.4	2.4	-0.9	-3.4
May	-0.2	0.5	0.1	-9.2
Jun	-0.4	0.4	-0.4	1.0
Jul	0.7	0.2	-1.0	1.2
Aug	0.4	-0.3	0.2	1.6
Sep	0.4	1.4	0.3	6.1
Oct	-0.1	1.7	2.5	1.6
Nov	0.1	-2.1	-1.2	1.7
Dec	0.1	1.1	-0.5	-1.2
2014 Jan	0.1	1.6	3.3	-0.7
Feb	-	-	0.9	-1.9
Mar	0.1	0.5	1.4	-4.0
Apr	-	0.1	1.2	1.3
May	0.3	-	2.0	1.2
Jun	0.4	-0.3	-0.9	2.0
Jul	0.4	-0.9	0.6	0.2
Aug	0.2	-1.1	-	-0.6
Sep	-	-1.0	0.2	-0.5
Oct	-	0.3	1.9	1.2
Nov	-	-1.0	-1.8	2.1
Dec	0.3	3.3	1.9	0.6
2015 Jan	0.1	-1.6	-1.2	0.4
Feb	0.2	0.9	1.8	-0.1

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

	S2HM	S2HQ	S2HV	S2I2
2013 Feb	1.8	3.5	-4.4	7.7
Mar	1.6	3.1	-3.3	10.1
Apr	1.6	4.0	-3.1	12.0
May	1.7	4.5	-3.4	5.2
Jun	1.7	5.4	-2.1	-1.9
Jul	1.8	3.5	-2.7	-8.0
Aug	1.8	-0.1	-3.7	-7.4
Sep	2.1	-1.5	-3.6	-4.2
Oct	2.0	0.8	-1.2	0.7
Nov	2.1	4.2	1.5	4.0
Dec	2.2	6.1	2.6	4.1
2014 Jan	2.0	7.1	2.4	3.8
Feb	1.8	8.2	2.4	0.9
Mar	1.6	8.3	3.3	-2.8
Apr	1.5	6.6	4.7	-4.9
May	1.6	5.5	6.8	-1.6
Jun	2.0	4.4	8.1	4.1
Jul	2.3	3.6	9.2	8.1
Aug	2.5	2.8	9.5	7.3
Sep	2.1	1.4	10.0	3.9
Oct	1.9	-0.1	9.6	0.9
Nov	1.8	-1.0	9.1	-1.2
Dec	1.8	-0.3	9.6	-0.6
2015 Jan	1.9	-0.3	8.6	0.5
Feb	2.0	-0.3	8.2	2.1

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<b>2011 weights</b>	<b>91</b>	<b>19</b>	<b>27</b>	<b>5</b>

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

	S2CW	S2D2	S2D7	S2DC
2013 Feb	0.5	-2.5	1.1	2.4
Mar	0.8	-0.3	3.0	3.3
Apr	0.7	2.2	2.1	3.7
May	0.5	3.6	0.3	-1.9
Jun	0.1	4.1	-1.1	-7.2
Jul	-	2.7	-1.4	-10.1
Aug	0.2	1.5	-1.3	-5.4
Sep	0.8	0.8	-1.0	1.6
Oct	1.0	1.4	0.4	7.5
Nov	0.9	1.6	1.3	9.4
Dec	0.5	1.4	1.8	6.9
2014 Jan	0.3	0.6	1.3	3.7
Feb	0.2	1.2	2.0	-0.7
Mar	0.3	1.7	3.7	-3.5
Apr	0.2	1.8	4.4	-5.0
May	0.3	1.1	4.7	-4.3
Jun	0.5	0.4	3.5	-0.7
Jul	0.8	-0.2	2.8	2.1
Aug	1.0	-1.1	1.2	3.2
Sep	0.9	-2.0	0.7	1.4
Oct	0.6	-2.3	0.8	0.3
Nov	0.2	-2.1	1.0	0.7
Dec	0.1	-0.3	1.4	2.3
2015 Jan	0.2	0.5	0.4	3.3
Feb	0.4	1.9	1.1	2.6

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