

Statistical bulletin

# Services producer price inflation, UK: October to December 2015

A measure of inflation for the UK service sector based on changes in the price received for selected services provided by UK businesses to other UK businesses and government.



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## 1. Main points

The price of services sold by UK companies, as estimated by the aggregate Services Producer Price Index (SPPI), increased 0.6% in the year to quarter 4 of 2015, compared with an increase of 0.2% in the year to quarter 3 of 2015.

Between quarters 3 and 4 of 2015, the aggregate SPPI rose by 0.4%, compared with no movement between quarters 2 and 3 of 2015.

Real estate activities continued to show the largest rise in prices, with prices increasing by 3.7% in the year to guarter 4 of 2015.

Water supply, sewerage and waste management services showed the largest fall in prices, decreasing by 9.4% in the year to guarter 4 of 2015.

#### 2. What is Services Producer Price Inflation?

The <u>Services Producer Price Index (SPPI)</u> provides a measure of inflation for the UK service sector. It is constructed from a statutory quarterly survey which measures changes in the price received for selected services provided by UK businesses to other UK businesses and government. Individual SPPIs are available which provide information on price change for a selection of service industries. These individual price indices are also aggregated together to create a service industry SPPI with limited coverage (it does not provide full coverage of the "service sector").

The primary use of the SPPI is as a deflator in the UK National Accounts. However, it is also important as an inflationary measure to inform monetary policy and to account for inflation in long-term service procurement contracts. For more information on the use made of SPPI please see the separate document <u>Users of Services Producer Price Indices data</u> (67.2 Kb Pdf).

The figures presented in this statistical bulletin are considered provisional for the latest 2 quarters (quarters 3 and 4 of 2015) and may be revised as late data is received.

None of the indices presented in this bulletin are seasonally adjusted.

### **Coverage of SPPI**

The service sector currently accounts for around 78% of the UK economy based on its weight in Gross Domestic Product (GDP). We do not currently produce an SPPI for every industry in the service sector and so the aggregate SPPI is a partial, best estimate, of the overall inflation to UK businesses in the service sector. Currently, we estimate that the SPPIs presented in this statistical bulletin represent 59% of the total service sector at industry level. The SPPI's coverage of the service sector at Standard Industrial Classification (SIC) class, division and section level is available in the <a href="SPPI coverage document">SPPI coverage document</a>. As resources allow, we will continue to review the existing SPPIs and expand coverage through developing SPPIs for new industries. As such, the aggregate SPPI will change composition from time to time but will always remain our best estimate of inflation in the UK service sector. The fact that coverage may change over time should be considered by users when deciding which indices best meet their needs.

#### **Newly developed SPPIs**

A development project to increase the industrial coverage of the SPPI took place between 2009 and 2012, which resulted in the development of 8 new SPPIs. These are:

- accountancy services
- legal services
- architectural services
- engineering services
- · cargo handling services
- advertising services
- business management consultancy
- storage and warehousing

Since their development, these indices have been published as experimental series. Since the quarter 4 2013 release, these indices are no longer published separately but are instead included in this release and make up part of the aggregate SPPI. The inclusion of these new indices has changed the composition of the aggregate SPPI, increasing the coverage of the service industry and improving the measure. Further information about the impact of adding these new indices to the aggregate can be found in the quarter 4 2013 statistical bulletin.

All of the statistics contained in this release are official statistics. However, since these newly developed series have not yet undergone a full assessment against the <u>Code of Practice for Official Statistics by the UK Statistics</u>
<u>Authority</u> they cannot currently be labelled as National Statistics.

### 3. Summary

Between mid-2005 and mid-2008, the annual rate of inflation in the service sector, as estimated by the aggregate Services Producer Price Index (SPPI), rose steadily from an annual rate of 1.3% in quarter 2 of 2005 to a peak of 3.7% during quarters 1 and 2 of 2008. At the end of 2008, the rate of inflation fell rapidly, from annual inflation of 3.6% in quarter 3 of 2008 to deflation (prices lower than they were in the same quarter of the previous year) of 1.6% in quarter 3 of 2009.

The annual rate of inflation began to increase at the end of 2009, reaching its post-economic downturn high of 1.8% in quarter 2 of 2010. Since mid-2010, inflation has tended to remain relatively steady at around 1%. In quarter 4 of 2015, prices increased by 0.6%.

Looking at the latest estimates (Table A) of the aggregate SPPI for quarter 4 of 2015, the main movements were:

- prices received by UK service providers increased 0.6% in the year to quarter 4 of 2015, up from an increase of 0.2% in quarter 3 of 2015
- the main upward contributions to the annual rate came from increases in the prices charged for professional, scientific and technical activities, real estate activities, and transport and storage services, however, these were partially offset by falls in the price of information and communication services, and water supply, sewerage and waste management services
- service prices rose 0.4% between quarter 3 and 4 of 2015, compared with no movement between quarters 2 and 3 of 2015
- the main upward contribution to the quarterly rate of inflation came from professional, scientific and technical activities, and administrative and support services
- water supply, sewerage and waste management services showed the greatest decrease in the quarterly rate of inflation

Table A: Output prices (gross sector) - aggregate Services Producer Price Index

Quarter 4 2015, United Kingdom

Percentage change

	Year	Quarter
2011 Q2	1.1	1.0
Q3	1.1	-0.5
Q4	1.2	0.4
2012 Q1	1.3	0.4
Q2	0.8	0.5
Q3	1.5	0.2
Q4	1.5	0.4
2013 Q1	1.5	0.4
Q2	0.8	-0.2
Q3	0.8	0.2
Q4	1.3	0.9
2014 Q1	0.9	0.0
Q2	1.5	0.4
Q3	1.5	0.2
Q4	0.6	0.0
2015 Q1	0.5	-0.1
Q2	0.4	0.3
Q3	0.2	0.0
Q4	0.6	0.4

Source: Services Producer Price Index (SPPI) - Office for National Statistics

#### Notes:

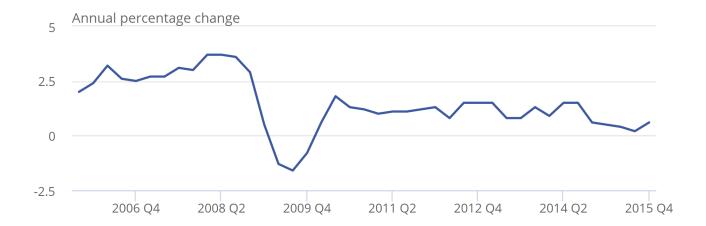
- 1. The aggregate SPPI is calculated on a gross sector basis.
- 2. The aggregate SPPI is an aggregate of the individual industry level SPPIs (excluding Financial Intermediation) published in the SPPI Statistical Bulletin. It does not provide full coverage of the service sector.
- 3. Not all of the industry level SPPIs used to construct the aggregate SPPI are National Statistics.
- 4. Q1 refers to Quarter 1 (January to March), Q2 refers to Quarter 2 (April to June), Q3 refers to Quarter 3 (July to September) and Q4 refers to Quarter 4 (October to December).

#### Figure A: Aggregate Services Producer Price Index

Quarter 4 (Oct to Dec) 2005 to Quarter 4 (Oct to Dec) 2015, United Kingdom

### Figure A: Aggregate Services Producer Price Index

Quarter 4 (Oct to Dec) 2005 to Quarter 4 (Oct to Dec) 2015, United Kingdom



Source: Services Producer Price Index (SPPI) - Office for National Statistics

#### Notes:

- 1. The aggregate SPPI is calculated on a gross sector basis.
- The aggregate SPPI is an aggregate of the individual industry level SPPIs (excluding financial intermediation) published in the SPPI Statistical Bulletin. It does not provide full coverage of the service sector.
- 3. Not all of the industry level SPPIs used to construct the aggregate SPPI are National Statistics.
- 4. Q1 refers to Quarter 1 (January to March), Q2 refers to Quarter 2 (April to June), Q3 refers to Quarter 3 (July to September) and Q4 refers to Quarter 4 (October to December).

### 4. Annual inflation

The aggregate Services Producer Price Index (SPPI) rose by 0.6% in the year to quarter 4 of 2015, up from an increase of 0.2% in the year to quarter 3 of 2015. Of the 10 sections (as defined by the 2007 Standard Industrial Classification) that are combined to form the aggregate SPPI, 8 showed price increases.

The main upward contributions to the annual rate of the aggregate SPPI came from professional, scientific and technical activities, which increased 1.2% in the year to quarter 4 of 2015 (up from an increase of 0.6% in the year to quarter 3 of 2015). Real estate activities, and transportation and storage also had notable contributions to the increase of the aggregate in the year to quarter 4 of 2015, increasing by 3.7% and 0.9%, respectively. These increases were partially offset by falls in the price of information and communication services, and water supply, sewerage and waste management services where prices fell by 0.8% and 9.4%, respectively in the year to quarter 4 of 2015 (Table B and Figure B).

## Table B: Annual growth in SPPI (percentage change, latest quarter on corresponding quarter of previous year)

Quarter 4 (Oct to Dec) 2015, United Kingdom

Section	Annual percentage change
Water Supply, Sewerage & Waste Management	-9.4
Repair & Maintenance of Motor Vehicles	1.8
Transportation & Storage	0.9
Accommodation & Food	0.5
Information & Communication	-0.8
Real Estate Activities	3.7
Professional, Scientific & Technical Activities	1.2
Administrative & Support Services	0.4
Education	1.7
Other Services	2.2
Aggregate SPPI	0.6

Source: Services Producer Price Index (SPPI) - Office for National Statistics

#### Notes:

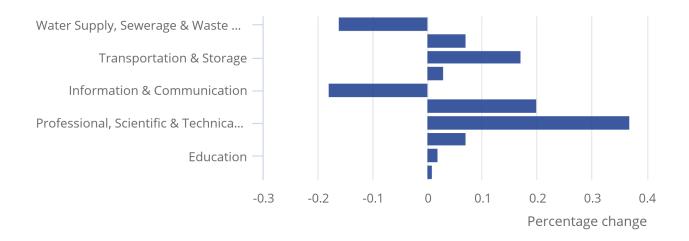
- 1. The section level SPPIs are an aggregate of individual industry level SPPIs (excluding Financial Intermediation) published in the SPPI Statistical Bulletin. They do not provide full coverage of the service sector.
- 2. Not all of the industry level SPPIs used to construct the section level SPPIs are National Statistics.

#### Figure B: Contribution to annual growth rate (0.6%)

#### Quarter 4 (Oct to Dec) 2015, United Kingdom

### Figure B: Contribution to annual growth rate (0.6%)

Quarter 4 (Oct to Dec) 2015, United Kingdom



Source: Services Producer Price Index (SPPI) - Office for National Statistics

#### Notes:

- 1. The section level SPPIs are an aggregate of the individual industry level SPPIs (excluding Financial Intermediation) published in the SPPI Statistical Bulletin. They do not provide full coverage of the section listed.
- 2. Not all of the industry level SPPIs used to construct the section-level SPPIs are National Statistics.

Price increases for professional, scientific and technical activities, real estate, and transport and storage activities, provided the main contributions to the rise in the aggregate SPPI in the year to quarter 4 of 2015.

Professional, scientific and technical activities prices increased by 1.2% in the year to quarter 4 of 2015. Prices rose in all indices within this section, but the largest contribution to the rise was seen in accountancy. Accountancy prices increased by 2.1% in the year to quarter 4 of 2015, compared with an increase of 2.5% in the year to quarter 3 of 2015. This rise is mainly a result of an increase in the prices of tax consultancy.

Real estate activities prices increased 3.7% in the year to quarter 4 of 2015. This increase was mainly due to real estate agency prices which increased by 7.3% in the year to quarter 4 of 2015, from an increase of 7.6% in the year to quarter 3 of 2015. This increase was due to a rise in the prices for office lettings, rest of UK (excluding London).

Transport and storage activities increased 0.9% in the year to quarter 4 of 2015. Increases in sea and coastal water freight and business airfares have been the main contributions to the increase. Sea and coastal water freight prices increased by 8.2% in the year to quarter 4 of 2015, compared to an increase of 10.1% in the year to quarter 3 of 2015, as a result of increases in coastal, European and global freight prices. Business airfare prices increased by 2.9%, from an increase of 4.7% in the year to quarter 3 of 2015. There has been an increase in prices for all fare types.

The increases seen in professional, scientific and technical activities, transportation and storage, and real estate activities were partially offset by falls in the prices charged for information and communication services, and water supply, sewerage and waste management services. Prices fell 0.8% and 9.4%, respectively in the year to quarter 4 of 2015, compared with decreases of 0.6% and 7.8% in the year to quarter 3 of 2015.

The fall seen in the prices for information and communication services was as a result of the decrease in prices for telecommunications, where prices fell 6.4% in the year to quarter 4 of 2015.

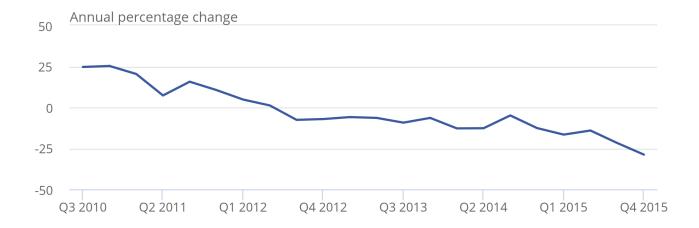
The decrease in the prices for water supply, sewerage and waste management services was a result of the fall in prices for sorted recovered materials services, where prices fell 28.9% in the year to quarter 4 of 2015. Metal prices have shown a downward trend since 2011, which may be linked to a reduction in demand from China. This reduced demand may have contributed to the fall in the price of metals, including the scrap metals that are processed by contributors to SPPI (Figure C).

Figure C: Service Producer Price Index for sorted recovered materials services

Quarter 4 (Oct to Dec) 2005 to Quarter 4 (Oct to Dec) 2015, United Kingdom

## Figure C: Service Producer Price Index for sorted recovered materials services

Quarter 4 (Oct to Dec) 2005 to Quarter 4 (Oct to Dec) 2015, United Kingdom



Source: Services Producer Price Index (SPPI) - Office for National Statistics

#### Notes:

1. Q1 refers to Quarter 1 (January to March), Q2 refers to Quarter 2 (April to June), Q3 refers to Quarter 3 (July to September) and Q4 refers to Quarter 4 (October to December).

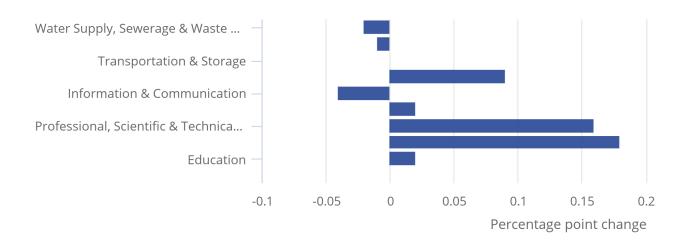
The aggregate SPPI increased 0.6% in the year to quarter 4 of 2015, compared with an increase of 0.2% in the year to quarter 3 of 2015. Figure D shows how the SPPI sections have contributed towards this 0.4 percentage point change. The main contribution to the change came from increasing prices for professional, scientific and technical, and administrative and support services.

Figure D: Contribution to the change in the 12 month growth rate between quarters 3 (July to Sept) and quarter 4 (Oct to Dec) 2015 (0.4 percentage points)

#### **United Kingdom**

Figure D: Contribution to the change in the 12 month growth rate between quarters 3 (July to Sept) and quarter 4 (Oct to Dec) 2015 (0.4 percentage points)

United Kingdom



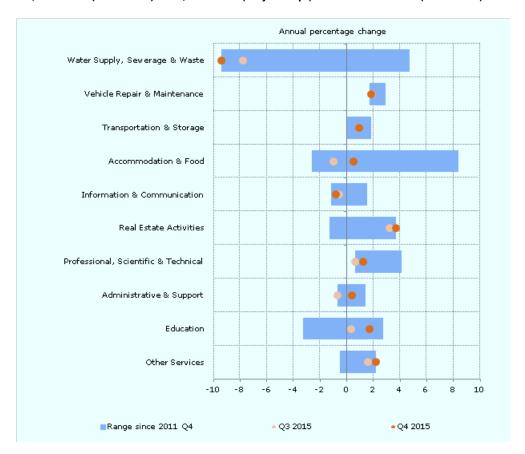
Source: Services Producer Price Index (SPPI) - Office for National Statistics

#### Notes:

- 1. The section level SPPIs are an aggregate of the individual industry level SPPIs (excluding Financial Intermediation) published in the SPPI Statistical Bulletin. They do not provide full coverage of the section listed.
- 2. Not all of the industry level SPPIs used to construct the section-level SPPIs are National Statistics.
- 3. Q1 refers to Quarter 1 (January to March), Q2 refers to Quarter 2 (April to June), Q3 refers to Quarter 3 (July to September) and Q4 refers to Quarter 4 (October to December).

#### Figure E : Services Producer Price Index by section

UK, Quarter 4 (Oct to Dec) 2011, Quarter 3 (July to Sept) 2015 and Quarter 4 (Oct to Dec) 2015



Source: Services Producer Price Index (SPPI) - Office for National Statistics

#### Notes:

1. Q1 refers to Quarter 1 (January to March), Q2 refers to Quarter 2 (April to June), Q3 refers to Quarter 3 (July to September) and Q4 refers to Quarter 4 (October to December).

Examining inflation for each of the sections that contribute to the aggregate SPPI reveals a diverse set of trends. Figure E shows both the range of annual inflation rates experienced by each of the sections since quarter 4 of 2011 and the annual rates of inflation for the 2 most recent quarters. The 10 sections were split evenly between those which saw an increase in inflation relative to the last quarter and those which experienced a fall. There was a rise in the aggregate inflation rate over this period.

SPPI prices for water supply, sewerage and waste management currently stands at a 5-year low, this is the continuation of a downward trend; the inflation rate has fallen from 4.7% in quarter 4 of 2011 to -9.4% in the most recent quarter.

One notable difference between each section is the range of inflation rates that have been experienced since 2010. Education, accommodation and food, and water supply, sewerage, and waste management have experienced a relatively wide range of inflation rates over this period. Although all sections have experienced some variance in inflation, certain industries have experienced inflation consistently higher than others. Vehicle repair and maintenance has not experienced inflation lower than 1.7% at any point in the past 5 years, while administrative and support services, and information and communication have not experienced inflation higher than 1.4%.

## 5. Quarterly inflation

Prices received for the services included in the aggregate Services Producer Price Index (SPPI) rose 0.4% between quarters 3 and 4 of 2015, compared with no movement between quarters 2 and 3 of 2015. Of the 10 sections that make up the aggregate SPPI, 8 sections showed increases in prices between quarters 3 and 4 of 2015.

The largest increases in the quarterly rate came from real estate activities, and administrative and support services, which increased by 1.3% and 1.1%, respectively between quarters 3 and 4 of 2015. The remaining increases were small, ranging from 0.1% to 0.7% (Table C and Figure F).

Table C: Quarterly growth in SPPI (percentage change, latest quarter on previous quarter)

Quarter 4 (Oct to Dec) 2015, United Kingdom

Section	Quarterly percentage change
Water Supply, Sewerage & Waste Management	-3.3
Repair & Maintenance of Motor Vehicles	0.3
Transportation & Storage	0.2
Accommodation & Food	-0.5
Information & Communication	0.1
Real Estate Activities	1.3
Professional, Scientific & Technical Activities	0.5
Administrative & Support Services	1.1
Education	0.0
Other Services	0.7
Aggregate SPPI	0.4

Source: Services Producer Price Index (SPPI) - Office for National Statistics

#### Notes:

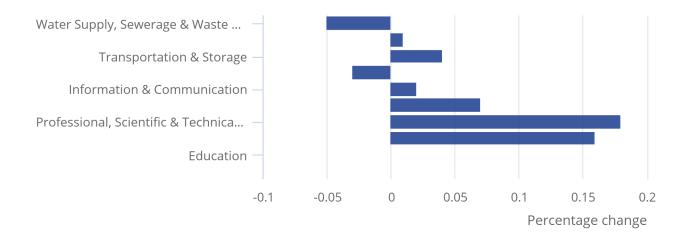
- 1. The section level SPPIs are an aggregate of individual industry level SPPIs (excluding Financial Intermediation) published in the SPPI Statistical Bulletin. They do not provide full coverage of the service sector.
- 2. Not all of the industry level SPPIs used to construct the section level SPPIs are National Statistics.

#### Figure F: Contribution to quarterly growth rate (0.4%)

Quarter 4 (Oct to Dec) 2011 to Quarter 4 (Oct to Dec) 2015, United Kingdom

### Figure F: Contribution to quarterly growth rate (0.4%)

Quarter 4 (Oct to Dec) 2011 to Quarter 4 (Oct to Dec) 2015, United Kingdom



Source: Services Producer Price Index (SPPI) - Office for National Statistics

#### Notes:

1. The section-level SPPIs are an aggregate of the individual industry-level SPPIs (excluding financial intermediation) published in the SPPI Statistical Bulletin. They do not provide full coverage of the section listed.

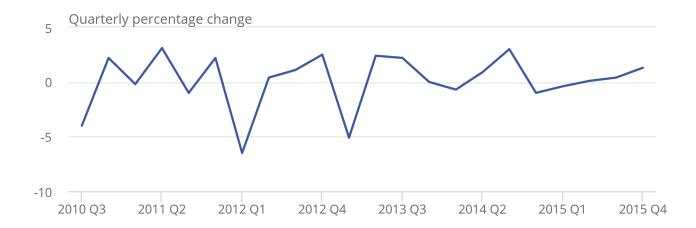
Professional, scientific and technical activities showed the largest contribution to the SPPI aggregate rate between quarters 3 and 4 of 2015 with prices rising by 0.5%, compared with a decrease of 0.2% between quarters 2 and 3 of 2015. The main contributions to this increase were from advertising services, accountancy, and business and management consultancy prices, which increased by 1.3%, 1.0% and 0.7%, respectively, between quarters 3 and 4 of 2015. The movement in advertising services is driven by media planning and buying services. Figure G shows quarterly index movements in advertising services between quarter 3 2010 and quarter 4 2015.

Figure G: Service Producer Price Index for advertising services

UK, Quarter 4 (Oct to Dec) 2010 to Quarter 4 (Oct to Dec) 2015

### Figure G: Service Producer Price Index for advertising services

UK, Quarter 4 (Oct to Dec) 2010 to Quarter 4 (Oct to Dec) 2015



Source: Services Producer Price Index (SPPI) - Office for National Statistics

#### Notes:

1. Q1 refers to Quarter 1 (January to March), Q2 refers to Quarter 2 (April to June), Q3 refers to Quarter 3 (July to September) and Q4 refers to Quarter 4 (October to December).

### 6. Economic context

## Comparison with Average Weekly Earnings

The aggregate Services Producer Price Index (SPPI) captures changes in the prices received by UK business for the provision of a selection of services to other UK businesses and the public sector. For many services, the cost of manpower is the largest component of the price charged by businesses for providing the service, rather than the cost of goods or fuels. As a result, it is expected that the price charged for services should move in a similar way to the wages received by the UK workforce. Figure H shows a comparison of the annual percentage change of the fees received by UK businesses for the provision of services, as estimated by the aggregate SPPI, with an indicator of salaries received by the UK workforce who are employed in the service sector, as estimated by the Average Weekly Earnings (AWE) "Services" pay index excluding bonuses.

Figure H: Services Producer Price Index and 'services' Average Weekly Earnings Index

Quarter 4 (Oct to Dec) 2001 to Quarter 4 (Oct to Dec) 2015, United Kingdom

## Figure H: Services Producer Price Index and 'services' Average Weekly Earnings Index

Quarter 4 (Oct to Dec) 2001 to Quarter 4 (Oct to Dec) 2015, United Kingdom



Source: Services Producer Price Index (SPPI) - Office for National Statistics

#### Notes:

- 1. The aggregate SPPI includes the water supply; sewerage and waste management sector not included in the AWE.
- 2. The AWE index includes financial and insurance activities, public administration and defence: compulsory social security, human health and social work activities and arts, entertainment & recreation sectors not included in the SPPI.
- 3. Q1 refers to Quarter 1 (January to March), Q2 refers to Quarter 2 (April to June), Q3 refers to Quarter 3 (July to September) and Q4 refers to Quarter 4 (October to December).

As would be expected, the annual percentage change for AWE services follows a similar pattern to the SPPI. From 2001 to late 2008, both the AWE for services and the aggregate SPPI show similar trends, although AWE growth was significantly stronger. During the economic downturn in 2008 to 2009, the rate of growth in both wages and service prices slowed dramatically. However, while prices received for services started to fall in 2009, wages continued to grow compared with a year earlier, albeit at a much lower rate. Since quarter 4 of 2010, both AWE and the aggregate SPPI have shown lower growth than before the economic downturn. In the last 2 years the AWE services and SPPI indices have both shown growth of around 1%. However, in the last 4 quarters the AWE services index has shown stronger growth than SPPI. The rises in the AWE services index have been driven by a large increase in the retail and repair sector, which is not measured in the SPPI.

#### **Comparison with Consumer Price Index**

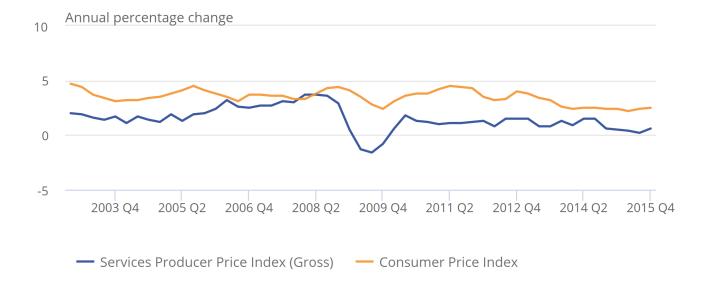
While the SPPI measures the amount received by a company for services they've provided to other businesses, the prices paid by households is estimated by the Consumer Price Index (CPI). While the costs associated with providing services to both businesses and households will be broadly similar, there may be different costs associated with providing services to different customers. Figure I shows a comparison with the "all services" sector of the Consumer Price Index (CPI) which measures the prices paid for services by households.

## Figure I: Comparison of Services Producer Price Index and 'all services' Consumer Price Indices aggregate

Quarter 4 (Oct to Dec) 2002 to Quarter 4 (Oct to Dec) 2015, United Kingdom

Figure I: Comparison of Services Producer Price Index and ' all services' Consumer Price Indices aggregate

Quarter 4 (Oct to Dec) 2002 to Quarter 4 (Oct to Dec) 2015, United Kingdom



Source: Services Producer Price Index (SPPI) - Office for National Statistics

#### Notes:

- 1. SPPI measures changes in the price received by a company, CPI measures changes in the price paid by a consumer. Therefore CPI figures may include taxes and fees that are not retained by the service provider.
- 2. SPPI measures the price received for services provided by UK based suppliers only, excluding imports from non-UK suppliers. CPI aims to measure the price paid by consumers in the UK, who may use non-UK based suppliers.
- 3. SPPI uses Standard Industrial Classification 2007 (SIC 07) to produce its aggregate, CPI uses Classification of Individual Consumption according to Purpose (COICOP), This means that the structure of each index may not always correlate at more detailed levels.
- 4. Q1 refers to Quarter 1 (January to March), Q2 refers to Quarter 2 (April to June), Q3 refers to Quarter 3 (July to September) and Q4 refers to Quarter 4 (October to December).

Generally inflation in the CPI "all services" index runs at a higher rate than the SPPI. Between late 2005 and 2008 the gap between the SPPI and CPI annual rate of inflation narrowed before widening again from 2009 to present. During the economic downturn in 2008 to 2009, the annual rate of inflation for both indices decreased, with prices falling by as much as 1.6% for services sold by UK businesses, while the prices paid by households continued to grow, although at a much lower rate, reaching a low of 2.8% in quarter 1 of 2010. Since quarter 4 of 2010 both indices have shown growth however the SPPI has shown significantly lower growth than CPI.

#### Other measures of service sector inflation

There are other measures of service sector inflation available such as the Chartered Institute of Procurement and Supply (CIPS) purchasing managers' index and the Confederation of British Industry (CBI) service sector survey. There are significant methodological differences between these surveys and SPPI; therefore direct comparisons cannot be made.

### International comparison

All countries within the European Union are required to produce a measure of producer price inflation for the services sector under the Short Term Statistics Regulation. Figure J shows the growth rates of service producer prices for a selection of EU countries since quarter 3 of 2010.

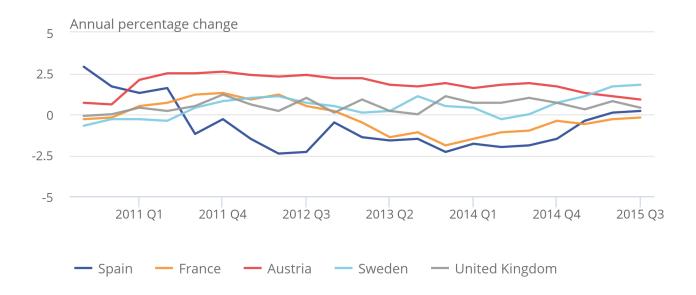
The United Kingdom and Sweden recorded largely stable service producer price indices, growing by 0.5% and 2.5% respectively over the total period, whereas Austrian prices increased more rapidly. These experiences contrast with France, where SPPI inflation has been negative since quarter 1 of 2013.

Figure J: Services Producer Price Indices international comparison

Quarter 3 (Jul to Sep) 2010 to Quarter 3 (Jul to Sep) 2015, United Kingdom

## Figure J: Services Producer Price Indices international comparison

Quarter 3 (Jul to Sep) 2010 to Quarter 3 (Jul to Sep) 2015, United Kingdom



Source: Office for National Statistics, Eurostat

#### Notes:

- The UK growth in this chart does not match that published as the Aggregate Gross Sector SPPI. This is because the indices shown in this comparison only include sections G to N, as per the Standard Industrial Classification 2007 (SIC 07). The aggregate Gross Sector SPPI also includes industries classified to Sections E and G of SIC 07. A full list of all SIC codes included can be found in the SPPI Coverage document.
- 2. Q1 refers to Quarter 1 (January to March), Q2 refers to Quarter 2 (April to June), Q3 refers to Quarter 3 (July to September) and Q4 refers to Quarter 4 (October to December).

However, in recent quarters the range of inflation rates experienced by these countries has narrowed, as the countries with the lowest inflation rates (France and Spain) saw an increase, and the country with the highest rate (Austria) saw a decrease in inflation, Austria's inflation rate was the lowest since 2010. Spain saw negative SPPI inflation from quarter 3 of 2011 and quarter 1 of 2015, however the last 2 quarters have seen positive SPPI inflation, with the Spanish inflation rate at the highest since 2011.

## 7. Net sector aggregate

At the aggregate level, both a net and gross sector Services Producer Price Index (SPPI) is produced. The prices used to construct both of these indices are the same, but different weights are used to construct the net sector index compared with the gross sector.

#### Summary of net sector movements

In quarter 4 of 2015, movements in the net sector aggregate SPPI were:

- annual inflation rose 0.7%, up from 0.3% in quarter 3 of 2015
- between quarters 3 and 4 of 2015, quarterly inflation stood at 0.4%, compared with no change between quarters 2 and 3 of 2015

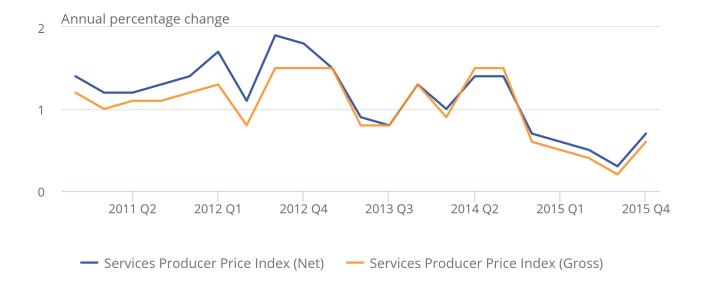
Generally, the movements of the net sector aggregate SPPI are similar to those of the gross sector indices (Figure K).

Figure K: Aggregate Services Producer Price Index (net and gross sectors)

Quarter 4 (Oct to Dec) 2010 to Quarter 4 (Oct to Dec) 2015, United Kingdom

Figure K: Aggregate Services Producer Price Index (net and gross sectors)

Quarter 4 (Oct to Dec) 2010 to Quarter 4 (Oct to Dec) 2015, United Kingdom



Source: Services Producer Price Index (SPPI) - Office for National Statistics

#### Notes:

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- 2. Not all of the industry level SPPIs used to construct the aggregate SPPI are National Statistics.
- 3. Q1 refers to Quarter 1 (January to March), Q2 refers to Quarter 2 (April to June), Q3 refers to Quarter 3 (July to September) and Q4 refers to Quarter 4 (October to December).

### 8. Background notes

#### 1. How are we doing?

We are constantly seeking to improve this release and welcome feedback from our users to help us achieve this. If you have any comments on the format, layout or content of this release please let us know. We would also be interested in knowing how you use these data to inform your work. Please email us: <a href="mailto:sppi@ons.gsi.gov.uk">sppi@ons.gsi.gov.uk</a>.

#### 2. Analysis of Service Producer Price Indices using standard errors

To help users quantify the uncertainty around the estimates of service sector inflation, we plan to calculate standard errors for SPPI. We will present the results of our analysis in an article published as soon as possible.

#### 3. Coverage of SPPI

The SPPI is a measure of inflation for the UK service sector; however prices are not collected from Northern Ireland for any of the service industries which are collected as part of the quarterly survey. This is because the Statistics of Trade Act which makes the SPPI survey mandatory does not extend to Northern Ireland. The omission of prices from Northern Ireland means that the SPPI makes the assumption that prices received by companies in Northern Ireland change at the same rate as prices in the rest of the UK.

#### 4. Re-assessment by the UK Statistics Authority

SPPI has recently undergone a routine re-assessment by the <u>UK Statistics Authority</u> against the <u>Code of Practice for Official Statistics</u>. The final <u>SPPI assessment report</u> is now available.

#### 5. Finding SPPI data

All of the data included in this statistical bulletin, alongside data for the full range of SPPIs, is available in the associated Reference Table (445.5 Kb Excel sheet) or can be downloaded from the Time Series Dataset for SPPI. Each SPPI has 2 unique identifiers: a 10-digit index number which relates to the Standard Industrial Classification code appropriate to the index, and a 4-character alpha-numeric code which can be used to find series when using the Time Series Dataset for SPPI. SPPI records (88.5 Kb Excel sheet) which show higher, lower or equal to movements, are also available to view or download.

#### 6. Article about rebasing the PPI and SPPI onto 2010=100

As previously announced, we have been taking forward the rebasing of PPI and SPPI onto a 2010=100 basis. SPPI has been published on a 2010=100 basis, which was first released on 26 February 2014. A parallel run has been conducted to compare 2010=100 index values with 2005=100, analysing trends in the process. This parallel run will form an assessment of the impact of rebasing. An article <a href="Services Producer Price Index Rebasing (2010=100)">Services Producer Price Index Rebasing (2010=100)</a> describing the results of this assessment is published alongside this release. If you have any questions or queries regarding the impact of rebasing on SPPI data, please <a href="contact SPPI">contact SPPI</a>.

#### 7. Quality and methods

A <u>Quality and Methodology Information (QMI)</u> report is available for the SPPI which describes how the statistics presented in this statistical bulletin are produced and provides information on the quality of the statistics. Detailed information on the methods used to compile the SPPI is available in the <u>SPPI Manual</u> (456.4 Kb Pdf).

#### 8. Guidance for users

The SPPI is calculated on a "business to business" basis. This means that only transactions between UK businesses and other UK businesses or government are included. Sales made to customers outside of the UK or to members of the public are excluded. Index numbers shown in this statistical bulletin are on a gross sector basis unless otherwise stated. This means that they include transactions between UK service sector businesses and all other UK businesses and government. Indices relate to average prices per quarter. The full effect of a price change occurring within a quarter will only be reflected in the index for the following quarter. All index numbers exclude VAT and are not seasonally adjusted. Since SPPIs exclude VAT, they are not affected by the increase in the standard rate of VAT to 20% from 4 January 2011.

#### 9. **Definitions**

#### Gross and net sector series

All figures presented in this statistical bulletin are calculated on a gross sector basis unless otherwise stated.

**Gross sector output (GSO) series** - calculated using weights based on sales to UK businesses and government from all transactions within the UK. This index reflects the "service sector" inflation experienced by all UK businesses.

**Net sector output (NSO) series** - calculated using weights based on sales to UK businesses and government outside of the service sector. For example, sales of legal services to a UK manufacturing company would be included, but sales to an accountancy company (another service provider) would be excluded. This index gives a measure of inflation that is specific to non-service sector businesses.

**GSO weights** - for most industries, sales from the Services Turnover Survey (STS) are used to determine their weight into the aggregate SPPI. Where STS data is unavailable, data from the Annual Business Survey is used as a proxy. In order to make the ABS data more comparable to the STS data, an adjustment factor is applied to remove sales attributed to non-service provision. These sales values are then used to calculate the industry weights.

**NSO weights** - net sector weights are calculated by taking the gross sector sales data and adjusting them to represent only sales to businesses outside the service sector. This adjustment is made using data from the National Accounts Supply and Use Tables. These tables allow for the calculation of a ratio for each industry that approximates the proportion of sales to non-service sector businesses. This ratio is applied to the gross sector sales to give an approximation of the net sector sales. The resulting calculated sales are then used to weight the industries into the net sector aggregate SPPI.

**Reporting periods** - Throughout this release quarter 1 refers to January to March, quarter 2 refers to April to June, quarter 3 refers to July to September and quarter 4 refers to October to December.

#### 10. Data sources

The SPPI is compiled using the results of a mandatory survey carried out under the Statistics of Trade Act (1947). To keep the burden on respondents to a minimum, alternative data sources are used to compile the indices wherever possible. Currently 6 SPPIs are compiled using external data sources, these data sources are:

- property rental payments Investment Property Databank (IPD)
- financial Intermediation (Banks) Bank of England (BoE)

#### 11. SPPI Coverage

We do not produce an SPPI for every industry in the service sector and so the aggregate SPPI is a partial, best estimate, of the overall inflation to UK businesses from the service sector. Similarly, the indices published at section level do not provide full coverage and are the best estimate that can be made of those particular service activities using the data available. As resources allow, we will continue to review the existing SPPIs and expand coverage through developing SPPIs for new industries. As such, the aggregate SPPI will change composition from time to time, but will always remain our best estimate of overall inflation to UK businesses from the service sector. The fact that coverage may change over time should be considered by users when deciding which indices best meet their needs.

#### 12. Revisions

SPPI follows our policy for revisions and corrections and will show significant revisions, but suppress minor changes to avoid unnecessary inconvenience to users. Indices for the most recent 2 quarters are regarded as provisional and may be revised as later data become available.

For this statistical bulletin, <u>Reference Table 1R</u> (445.5 Kb Excel sheet) highlights revisions to movements in price indices previously published in last quarter's statistical bulletin.

#### 13. European comparability

The UK is required to produce a number of the SPPIs included in this statistical bulletin under the <u>Short-Term Statistics Regulation</u>. As a result, all EU countries must publish equivalent series on a comparable basis. Further information about SPPI at an EU level, and access to data for all EU countries is available on the <u>Eurostat website</u>.

#### 14. Publication policy

The complete run of data in the tables of this bulletin are also available to view and download in other electronic formats free of charge using our National Statistics <u>Datasets and Reference Table service</u> (the data associated with this bulletin is available via the Download data link in this release). Users can download the complete release in a choice of zipped formats or view and download their own selections of individual series.

#### 15. Following ONS

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16. Details of the policy governing the release of new data are available by visiting <a href="www.statisticsauthority.gov.uk/assessment/code-of-practice/index.html">www.statisticsauthority.gov.uk/assessment/code-of-practice/index.html</a> or from the Media Relations Office email: <a href="media.relations@ons.gsi.gov.uk">media.relations@ons.gsi.gov.uk</a>

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

	Gi	ross Sector 1,2,4		ĺ	Net Sector 1,3,4	
	SPPI - All services			S	PPI - All services	
		percen change			percen change	
	Index (2010=100)	Quarter	Year	Index (2010=100)	Quarter	Year
	9907010000			9907020000		
	K8ZU			K8ZW		
2012 Q1	101.8	0.4	1.3	102.3	0.7	1.7
Q2	102.3	0.5	8.0	102.8	0.5	1.1
Q3	102.5	0.2	1.5	103.1	0.3	1.9
Q4	102.9	0.4	1.5	103.4	0.3	1.8
2013 Q1	103.3	0.4	1.5	103.8	0.4	1.5
Q2	103.1	-0.2	0.8	103.7	-0.1	0.9
Q3	103.3	0.2	8.0	103.9	0.2	0.8
Q4	104.2	0.9	1.3	104.7	0.8	1.3
2014 Q1	104.2	_	0.9	104.8	0.1	1.0
Q2	104.6	0.4	1.5	105.2	0.4	1.4
Q3	104.8	0.2	1.5	105.4	0.2	1.4
Q4	104.8r	-	0.6	105.4r	-	0.7
2015 Q1	104.7r	-0.1	0.5	105.4r	_	0.6
Q2	105.0	0.3	0.4	105.7	0.3	0.5
Q3	105.0p	_	0.2	105.7p	_	0.3
Q4	105.4p	0.4	0.6	106.1p	0.4	0.7

p = provisional. r = revised

<sup>1</sup> The aggregate SPPI is an aggregate of the individual industry level SPPIs (excluding Financial Intermediation). It does not provided full coverage of the service sector.

<sup>2</sup> The Gross Sector series is calculated using weights based on sales from all transactions in the UK to UK businesses and government.

<sup>3</sup> The Net Sector series is calculated using weights based on sales to UK businesses and government who are not part of the service sector.

<sup>4</sup> Not all of the industry-level SPPIs used to construct the aggregate SPPI are National Statistics.

	Water Supply, Sewerage and Waste Management				Retail Trade; Repair of icles and Motorcycles	
		percent change			percentaç change ov	
	Index (2010=100)	Quarter	Year	Index (2010=100)	Quarter	Year
	9907101000			9907103000		
	MF8N			MF2J		
2012 Q1	107.0	0.9	3.6	105.9	0.3	1.8
Q2	108.2	1.1	2.1	106.8	8.0	2.1
Q3	106.2	-1.8	-0.7	107.3	0.5	1.7
Q4	105.6	-0.6	-0.4	107.5	0.2	1.8
2013 Q1	107.2	1.5	0.2	108.5	0.9	2.5
Q2	108.6	1.3	0.4	109.3	0.7	2.3
Q3	105.5	-2.9	-0.7	109.6	0.3	2.1
Q4	105.7	0.2	0.1	110.5	0.8	2.8
2014 Q1	105.3	-0.4	-1.8	111.9	1.3	3.1
Q2	106.4	1.0	-2.0	112.1	0.2	2.6
Q3	105.3	-1.0	-0.2	112.6	0.4	2.7
Q4	103.6	-1.6	-2.0	113.0	0.4	2.3
2015 Q1	98.8	-4.6	-6.2	113.8	0.7	1.7
Q2	99.3	0.5	-6.7	114.4	0.5	2.1
Q3	97.1p	-2.2	-7.8	114.7p	0.3	1.9
Q4	93.9p	-3.3	-9.4	115.0p	0.3	1.8

	Transp	ortation and Storage		Accom	modation and Food	
	- Indeed	percenta change o		la dess	percentage change over	
	Index (2010=100)	Quarter	Year	Index (2010=100)	Quarter	Year
	9907104000			9907105000		
	MF2K			MF2L		
2012 Q1	102.4	0.1	0.6	99.9	-1.9	0.8
Q2	102.9	0.5	_	101.7	1.8	0.2
Q3	102.7	-0.2	8.0	100.4	-1.3	-1.4
Q4	103.0	0.3	0.7	108.6	8.2	6.7
2013 Q1	104.0	1.0	1.6	105.9	-2.5	6.0
Q2	103.6	-0.4	0.7	102.4	-3.3	0.7
Q3	104.1	0.5	1.4	105.1	2.6	4.7
Q4	103.8	-0.3	0.8	111.5	6.1	2.7
2014 Q1	104.8	1.0	0.8	103.7	-7.0	-2.1
Q2	105.4	0.6	1.7	111.0	7.0	8.4
Q3	105.5	0.1	1.3	110.7	-0.3	5.3
Q4	105.7	0.2	1.8	108.6	-1.9	-2.6
2015 Q1	106.2	0.5	1.3	107.3r	-1.2	3.5
Q2	106.3	0.1	0.9	109.7	2.2	-1.2
Q3	106.4p	0.1	0.9	109.6p	-0.1	-1.0
Q4	106.6p	0.2	0.9	109.1p	-0.5	0.5

p = provisional. r = revised

1 The section-level SPPIs are an aggregate of individual industry-level SPPIs (excluding Financial Intermediation). They do not provide full coverage of the section listed.

<sup>2</sup> Not all of the industry-level SPPIs used to construct the section-level SPPIs are National Statistics.

ontinued 2010=100 (SIC2007)

	Information	on and Communication		Real	<b>Estate Activities</b>	
	Index	percenta change o		Index	percen change	
	(2010=100)	Quarter	Year	(2010=100)	Quarter	Year
	9907106000			9907108000		
	MF2M			MF8P		
2012 Q1	98.2	-0.8	-1.2	100.5	-0.1	-0.2
Q2	98.3	0.1	-0.9	100.4	-0.1	-0.2
Q3	98.7	0.4	0.2	100.7	0.3	_
Q4	98.3	-0.4	-0.7	100.4	-0.3	-0.2
2013 Q1	99.0	0.7	0.8	99.8	-0.6	-0.7
Q2	98.5	-0.5	0.2	100.2	0.4	-0.2
Q3	98.3	-0.2	-0.4	99.4	-0.8	-1.3
Q4	99.8	1.5	1.5	99.9	0.5	-0.5
2014 Q1	98.7	-1.1	-0.3	100.6	0.7	0.8
Q2	97.9	-0.8	-0.6	101.4	0.8	1.2
Q3	99.0	1.1	0.7	102.5	1.1	3.1
Q4	99.3r	0.3	-0.5	103.4	0.9	3.5
2015 Q1	97.7r	-1.6	-1.0	104.0r	0.6	3.4
Q2	97.9	0.2	_	104.8	0.8	3.4
Q3	98.4p	0.5	-0.6	105.8p	1.0	3.2
Q4	98.5p	0.1	-0.8	107.2p	1.3	3.7

## Professional, Scientific and Technical Activities

#### **Administrative and Support Services**

		percenta change o		Index	percentaç change o	
	Index (2010=100)	Quarter	Year	(2010=100)	Quarter	Year
	9907109000			9907110000		
	MF8Q			MF8R		
2012 Q1	104.9	2.2	4.7	100.4	0.1	0.4
Q2	105.4	0.5	3.0	100.7	0.3	0.5
Q3	106.0	0.6	4.5	101.6	0.9	0.9
Q4	106.0	-	3.3	101.7	0.1	1.4
2013 Q1	106.4	0.4	1.4	101.8	0.1	1.4
Q2	106.9	0.5	1.4	101.3	-0.5	0.6
Q3	107.2	0.3	1.1	101.3	_	-0.3
Q4	107.5	0.3	1.4	102.5	1.2	0.8
2014 Q1	108.5	0.9	2.0	102.6	0.1	0.8
Q2	108.6	0.1	1.6	102.7	0.1	1.4
Q3	108.8	0.2	1.5	102.0	-0.7	0.7
Q4	108.8	-	1.2	102.0	-	-0.5
2015 Q1	109.4r	0.6	0.8	102.0	_	-0.6
Q2	109.7	0.3	1.0	102.2	0.2	-0.5
Q3	109.5p	-0.2	0.6	101.3p	-0.9	-0.7
Q4	110.1p	0.5	1.2	102.4p	1.1	0.4

p = provisional. r = revised

<sup>1</sup> The section-level SPPIs are an aggregate of individual industry-level SPPIs (excluding Financial Intermediation). They do not provide full coverage of the section listed.

<sup>2</sup> Not all of the industry-level SPPIs used to construct the section-level SPPIs are National Statistics.

## 2 Services Producer Price Indices - Section <sup>1,2</sup>

ontinued 2010=100 (SIC2007)

		Education			Other Services		
	laday	percen change		Index		percentage change over	
	Index (2010=100)	Quarter	Year	(2010=100)	Quarter	Year	
	9907113000			9907116000			
2012 Q1	MF8S 100.2	1.1	-2.0	MF8T 101.5	0.4	0.8	
Q2 Q3	100.4 100.0	0.2 -0.4	-3.3 1.2	101.7 100.6	0.2 -1.1	0.7 -0.5	
Q4	100.0	_	0.9	100.6	_	-0.5	
2013 Q1 Q2 Q3 Q4	101.9 101.9 102.7 102.7	1.9 - 0.8 -	1.7 1.5 2.7 2.7	101.5 101.7 102.1 102.1	0.9 0.2 0.4	- 1.5 1.5	
2014 Q1 Q2 Q3 Q4	104.1 104.2 104.2 102.8	1.4 0.1 - -1.3	2.2 2.3 1.5 0.1	102.1 102.8 102.8 102.8	0.7 - -	0.6 1.1 0.7 0.7	
2015 Q1 Q2 Q3 Q4	103.2 103.4 104.5p 104.5p	0.4 0.2 1.1	-0.9 -0.8 0.3 1.7	104.0 104.3 104.4p 105.1p	1.2 0.3 0.1 0.7	1.9 1.5 1.6 2.2	

p = provisional. r = revised

<sup>1</sup> The section-level SPPIs are an aggregate of individual industry-level SPPIs (excluding Financial intermediation). They do not provide full coverage of the section listed.

<sup>2</sup> Not all of the industry-level SPPIs used to construct the section-level SPPIs are National Statistics.

	Water Supp	ly, Sewerage and Wast	e Management	2010 = 100 (SIC2007) Wholesale, Retail Trade; Repair of Motor Vehicles and Motorcycles
	Sewerage	Waste	Sorted Recovered	Motor
	Services <sup>1</sup>	Disposal	Materials Services	Vehicles
	37.00	38.11	38.32	45.20
Annual				
2012 2013 2014 2015	K8PX 116.7 121.0 124.8 123.6	K8Q3 103.9 106.8 108.6 104.5	K8QL 110.5 102.7 91.4 73.0	K8QW 106.9 109.5 112.4 114.5
	atest year on previous year			
2012	8.2	2.0	-2.3	1.9
2013	3.7	2.8	-7.1	2.4
2014	3.1	1.7	-11.0	2.6
2015	–1.0	–3.8	-20.1	1.9
Quarterly results (not	seasonally adjusted)			
2012 Q1	110.8	102.8	115.8B	105.9
Q2	118.7	104.0	114.6B	106.8
Q3	118.7	104.3	107.0B	107.3
Q4	118.7	104.4	104.6B	107.5
2013 Q1	118.7	105.1	108.8B	108.5
Q2	121.7	107.6	107.2B	109.3
Q3	121.7	107.2	96.9B	109.6
Q4	121.7	107.1	97.8B	110.5
2014 Q1	121.7	107.9	94.8B	111.9
Q2	125.9	109.5	93.5B	112.1
Q3	125.9	108.5	92.1B	112.6
Q4	125.9	108.6	85.4B	113.0
2015 Q1	125.9	104.0	79.0B	113.8
Q2	122.8	104.6	80.2B	114.4
Q3	122.8p	104.8p	72.0pB	114.7p
Q4	122.8p	104.6p	60.7pB	115.0p
	atest quarter on previous qu	•	00.7μΒ	110.0μ
2012 Q1		0.4	2.8	0.3
Q2	7.1	1.2	-1.0	0.8
Q3	-	0.3	-6.6	0.5
Q4	-	0.1	-2.2	0.2
2013 Q1 Q2 Q3 Q4	2.5 - -	0.7 2.4 -0.4 -0.1	4.0 -1.5 -9.6 0.9	0.9 0.7 0.3 0.8
2014 Q1 Q2 Q3 Q4	3.5 - -	0.7 1.5 -0.9 0.1	-3.1 -1.4 -1.5 -7.3	1.3 0.2 0.4 0.4
2015 Q1	_	-4.2	−7.5	0.7
Q2	_2.5	0.6	1.5	0.5
Q3	_	0.2	−10.2	0.3
Q4	_	-0.2	−15.7	0.3
Percentage change, la	atest quarter on correspondi	ng quarter of previous	year	
2012 Q1	11.7	2.2	4.7	1.8
Q2	7.1	1.9	1.1	2.1
Q3	7.1	1.8	–7.7	1.7
Q4	7.1	2.0	–7.2	1.8
2013 Q1	7.1	2.2	-6.0	2.5
Q2	2.5	3.5	-6.5	2.3
Q3	2.5	2.8	-9.4	2.1
Q4	2.5	2.6	-6.5	2.8
2014 Q1	2.5	2.7	-12.9	3.1
Q2	3.5	1.8	-12.8	2.6
Q3	3.5	1.2	-5.0	2.7
Q4	3.5	1.4	-12.7	2.3
2015 Q1	3.5	-3.6	-16.7	1.7
Q2	-2.5	-4.5	-14.2	2.1
Q3	-2.5	-3.4	-21.8	1.9
Q4	-2.5	-3.7	-28.9	1.8

p = provisional. r = revised
B = values are considered less reliable due to lack of market coverage

<sup>1</sup> Please see Background Note 10 for external sources.

		2010 = 100 (SIC200 Transportation and Storage							
	Business Rail Fares <sup>1</sup> 49.11	Rail Freight 49.21	Bus & Coach Hire 49.39	Freight Transport by Road 49.41	Commercial Vehicle Ferries 50.11	Sea & Coastal Water Freight 50.20			
Annual 2012 2013 2014 2015	K8QY 110.1 114.9 118.0 120.6	K8R2 103.6 105.4 106.0 105.1	K8RE 103.5 104.6 106.8 109.4	K8RO 104.4 104.5 104.8	K8RW 102.2 102.8 116.8 116.8	K8S5 104.0 100.1 103.6 110.2			
	est year on previous year								
2012 2013 2014 2015	3.9 4.4 2.7 2.2	1.2 1.7 0.6 -0.8	2.0 1.1 2.1 2.4	1.2 0.1 0.3	0.6 13.6	-4.2 -3.8 3.5 6.4			
Quarterly results (not se	easonally adjusted)								
2012 Q1	110.1	104.1	102.9	104.4	102.6	106.5			
Q2	110.1	103.5	103.6	104.3	102.7	105.8			
Q3	110.1	102.8	103.7	104.5	101.5	103.6			
Q4	110.1	104.0	104.0	104.6	101.8	100.3			
2013 Q1	114.9	105.3F	103.7	104.8	102.9	98.2			
Q2	114.9	105.6F	104.2	104.9	103.0	99.2			
Q3	114.9	104.9F	104.3	104.3	102.9	101.7			
Q4	114.9	106.0F	106.3	104.2	102.5	101.4			
2014 Q1	118.0	105.1F	106.5	104.5	118.0	101.4			
Q2	118.0	106.6F	106.7	104.8	117.6	103.9			
Q3	118.0	106.5F	106.6	104.9	116.4	103.6			
Q4	118.0	105.9F	107.5	104.8	115.3	105.5			
2015 Q1	120.6	104.8F	109.2	104.8	116.6	102.9			
Q2	120.6	105.5F	109.4	104.7	116.4	109.9			
Q3	120.6p	105.4pF	109.5p	104.7p	116.6p	114.1 <sub> </sub>			
Q4	120.6p	104.8pF	109.6p	104.9p	117.7p	114.1			
Percentage change, late	est quarter on previous qu	ıarter							
2012 Q1	3.9	0.5	0.9	0.6	0.9	-3.6			
Q2	-	-0.6	0.7	-0.1	0.1	-0.7			
Q3	-	-0.7	0.1	0.2	-1.2	-2.1			
Q4	-	1.2	0.3	0.1	0.3	-3.2			
2013 Q1	4.4	1.3	-0.3	0.2	1.1	-2.1			
Q2	-	0.3	0.5	0.1	0.1	1.0			
Q3	-	-0.7	0.1	-0.6	-0.1	2.5			
Q4	-	1.0	1.9	-0.1	-0.4	-0.3			
2014 Q1	2.7	-0.8	0.2	0.3	15.1	-			
Q2	-	1.4	0.2	0.3	-0.3	2.5			
Q3	-	-0.1	-0.1	0.1	-1.0	-0.3			
Q4	-	-0.6	0.8	-0.1	-0.9	1.8			
2015 Q1	2.2	-1.0	1.6	-	1.1	-2.5			
Q2	-	0.7	0.2	-0.1	-0.2	6.8			
Q3	-	-0.1	0.1	-	0.2	3.8			
Q4	-	-0.6	0.1	0.2	0.9	-			
Percentage change, late	est quarter on correspond	ing quarter of previ	ious year						
2012 Q1	3.9	4.2	2.5	2.3	1.0	-0.4			
Q2	3.9	0.4	2.0	1.1	-0.1	-2.6			
Q3	3.9	-0.4	1.9	0.9	-1.3	-4.4			
Q4	3.9	0.4	2.0	0.8	0.1	-9.2			
2013 Q1	4.4	1.2	0.8	0.4	0.3	-7.8			
Q2	4.4	2.0	0.6	0.6	0.3	-6.2			
Q3	4.4	2.0	0.6	-0.2	1.4	-1.8			
Q4	4.4	1.9	2.2	-0.4	0.7	1.1			
2014 Q1	2.7	-0.2	2.7	-0.3	14.7	3.3			
Q2	2.7	0.9	2.4	-0.1	14.2	4.7			
Q3	2.7	1.5	2.2	0.6	13.1	1.9			
Q4	2.7	-0.1	1.1	0.6	12.5	4.0			
2015 Q1	2.2	-0.3	2.5	0.3	-1.2	1.5			
Q2	2.2	-1.0	2.5	-0.1	-1.0	5.8			
Q3	2.2	-1.0	2.7	-0.2	0.2	10.1			
Q4	2.2	-1.0	2.0	0.1	2.1	8.2			

p = provisional. r = revised
F = values are calculated using price quotes from 5 or fewer respondents

<sup>1</sup> Please see Background Note 10 for external sources

An Frame			Transportation and Storage						
R8S    R8S		Air Fares	Warehousing <sup>2</sup>	Handling <sup>2</sup>	Forwarding	Parcels <sup>1</sup>	Courier Services 53.20		
2012	Annual								
2013	2012								
2015   126.6   107.3   111.5   94.3   105.4   101.6	2013	116.2	108.7	110.9	98.8	101.0	98.6		
### 2012   4.7									
2013	Percentage change,	latest year on previous ye	ar						
2014									
2015									
2012 Q1									
Q2	Quarterly results (no	ot seasonally adjusted)							
03									
2013 01	Q3	110.3F	108.7	105.9	98.0	98.9	98.9		
Q2         115.6F         109.7         110.8         97.0         101.7         98.8           Q3         1116.6F         110.9         111.0         99.1         101.7         98.8           2014 Q1         118.6F         108.1         112.7         96.7         100.4         98.8           Q2         120.6F         107.2         112.6         97.3         108.4         98.3           Q3         121.0F         107.2         112.6         97.3         108.4         98.3           Q4         122.6F         106.5         1112.2         97.1         106.4         98.7           2015 Q1         126.1F         107.7         111.4         95.8         106.4         100.7           Q2         126.4F         107.7         111.4         95.8         106.4         100.7           Q3         126.7pF         106.99         111.6p         93.9p         105.1p         1013.3           Percentage change, latest quarter on previous quarter         2012         2         26         2.8         -         -         -         -2.8           Q2         1.2         0.5         0.3         1.0         0.2         -         -         - </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
Q3         116.6F         110.9         111.0         99.1         101.7         98.8           Q4         117.6F         105.3         111.0         99.1         101.7         98.8           2014 Q1         119.6F         108.1         112.7         97.4         101.7         99.3           Q2         120.8F         107.7         112.7         96.7         106.4         190.3           Q3         121.0F         107.7         112.2         97.1         106.4         190.7           2015 Q1         126.1F         107.7         111.8         94.4         105.1         101.3           Q2         126.4F         107.7         111.8         94.4         105.1         101.3           Q3         126.7pF         106.9p         111.4p         93.1p         105.1p         101.30           Percentage change, latest quarter on previous quarter         2012 Q1         0.2         -2.6         2.8         -         -         -2.8           Q2         0.2         0.5         0.3         1.0         2.4         -2.0           Q3         0.9         0.2         0.3         0.0         2.4         -2.0           Q2         0.1									
2014 Q1	Q3	116.6F	110.9	111.0	99.1	101.7	98.3		
Q2         120,8F         107,7         112,7         96,7         106,4         190,3           Q3         121,0F         107,2         112,2         97,1         106,4         193,0           Q4         123,6F         106,5         112,2         97,1         106,4         190,7           2015 Q1         126,1F         107,77         111,4         95,8         106,4         100,7           Q3         126,7pF         106,9p         111,6p         93,3p         105,1p         101,30           Q4         127,2pF         107,1p         111,4p         93,1p         105,1p         101,30           Q4         127,2pF         107,1p         111,6p         93,3p         105,1p         101,30           Q4         127,2pF         107,1p         111,1p         93,3p         105,1p         103,00           Percentage change, latest quarter on previous quarter         28         -         -         -         -2.8           Q2         1,2         0.2         2.8         2.8         -         -         -         -2.8           Q2         1,2         0.9         0.2         0.3         1.0         2.4         -2.8 <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></t<>									
Q3         121.0F         107.2         112.6         97.3         106.4         100.0           Q4         123.6F         106.5         112.2         97.1         106.4         99.7           2015 Q1         126.1F         107.7         111.4         95.8         106.4         100.7           Q2         126.4F         107.7         111.8         94.4         105.1         101.3           Q3         126.7pF         106.9p         111.8p         93.9p         105.1p         101.30           Percentage change, latest quarter on previous quarter           202         2.2         2.6         2.8         -         -         -         -         2.8         -         -         -         -         2.8         -         -         -         -         2.8         -         -         -         -         2.8         -         -         -         -         2.8         -         -         -         -         2.8         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -         -									
2015 Q1	Q3				97.3		100.0		
Q2         128.4F         107.7         111.8bp         993.9p         105.1p         101.3bp           Q3         128.7pF         106.9p         111.8bp         993.9p         105.1p         103.0p           Percentage change, latest quarter on previous quarter           2012 O1         0.2         -2.6         2.8         -         -         -         -2.8           Q3         0.9         0.2         -         -0.1         -         -2.0           Q4         2.4         0.9         0.2         -         -0.1         -         -2.0           Q3         0.9         0.2         -         -0.1         -         -2.0           Q4         2.4         0.9         0.2         0.3         -         -         -2.0           Q2         0.6         0.7         -0.1         -3.1         2.8         0.3         0.2         -         -0.5	Q4	123.6F	106.5	112.2	97.1	106.4	99.7		
Q3         128,79F         106,9p         111,6p         93,9p         105,1p         101,30           Percentage change, latest quarter on previous quarter           2012 Q1         0.2         -2.6         2.8         -         -         -         -2.8           Q2         1.2         0.5         0.3         1.0         2.4         -         -2.0         -2.0         -         -0.1         -         -2.0         -2.0         -         -0.1         -         -2.0         -2.0         -         -0.1         -         -2.0         -2.0         -         -0.1         -         -2.0         -2.0         -         -0.1         -         -2.0         -2.0         -         -0.1         -         -2.0         -2.0         -         -0.1         -         -2.0         -0.2         -0.1         -3.1         2.8         0.3         -0.2         -0.2         -0.2         -0.2         -0.2         -0.2         -0.2         -0.2         -0.2         -0.2         -0.2         -0.2         -0.5         -0.5         -0.2         -0.5         -0.5         -0.5         -0.5         -0.5         -0.5         -0.5         -0.5         -0.5         -0.5 <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td>100.7</td></td<>							100.7		
Percentage change, latest quarter on previous quarter  2012 Q1	Q3	126.7pF	106.9p	111.6p	93.9p	105.1p	101.3		
2012 Q1		·	•	111.4p	93.1p	105.1p	103.0ր		
Q2         1.2         0.5         0.3         1.0         2.4         -2.0           Q3         0.9         0.2         -         -0.1         -         -2.0           Q4         2.4         0.9         0.2         0.3         -         -0.2           2013 Q1         1.7         -0.7         4.5         1.8         -         -0.6           Q2         0.6         0.7         -0.1         -3.1         2.8         0.3           Q3         0.9         1.1         0.2         2.2         -         -0.5           Q4         0.9         -5.0         -         -         -         -         -           2014 Q1         1.7         2.7         1.5         -1.7         -         0.5           2014 Q1         1.7         2.7         1.5         -1.7         -         0.5           Q3         0.2         1.0         -0.4         -         -0.7         4.6         -         -         0.7           Q4         2.1         -0.7         -0.4         -0.2         -         -0.3         -         -1.2         0.6         -         0.7         -0.2         -0.5			-				•		
Q4       2.4       0.9       0.2       0.3       -       0.2         2013 01       1.7       -0.7       4.5       1.8       -       -0.6         Q2       0.6       0.7       -0.1       -3.1       2.8       0.3         Q3       0.9       1.1       0.2       2.2       -       -0.5         Q4       0.9       -5.0       -       -       -       -       0.5         Q4       0.9       -5.0       -       -       -       -       0.5         2014 Q1       1.7       2.7       1.5       -1.7       -       -       0.5         Q2       1.0       -0.4       -       -0.7       -       -       0.7       -       -       0.7         Q3       0.2       -0.5       -0.1       0.6       -       0.7       -       -       0.7         Q2       0.2       0.2       -       0.4       -1.5       -1.2       0.6       -       0.7       -       -       0.6       -       0.7       -       0.2       0.9       -       1.7       -       -       0.2       0.6       0.9       -       0.7						_ 2.4	-2.8 -		
2013 01			0.2	_		-	-2.0 0.2		
O2         0.6         0.7         -0.1         -3.1         2.8         0.3           O3         0.9         1.1         0.2         2.2         -         -0.5           O4         0.9         -5.0         -         -         -         0.5           2014 Q1         1.7         2.7         1.5         -1.7         -         0.5           Q2         1.0         -0.4         -         -0.7         4.6         -         -           Q3         0.2         -0.5         -0.1         0.6         -         -         -         -           Q4         2.1         -0.7         -0.4         -0.2         - <td< td=""><td></td><td></td><td></td><td></td><td></td><td></td><td></td></td<>									
Q3         0.9         1.1         0.2         2.2         -         -0.5           Q4         0.9         -5.0         -         -         -         -         0.5           2014 Q1         1.7         2.7         1.5         -1.7         -         0.5           2014 Q2         1.0         -0.4         -         -0.7         4.6         -         0.7           Q3         0.2         -0.5         -0.1         0.6         -         0.7         -0.3           2015 Q1         2.0         1.1         -0.7         -0.4         -0.2         -         -0.3           2015 Q1         2.0         1.1         -0.7         -1.3         -         1.0         0.2         -0.2         -0.3         0.2         -         -0.3         -0.3         -1.2         0.6         0.6         0.2         -0.2         -0.5         -1.2         0.6         0.6         0.5         -1.2         0.6         0.6         0.2         -0.2         -0.9         -         1.7         -         -0.3         -0.6         0.2         -0.2         -0.9         -         -1.7         1.0         0.2         -0.2         -0.9         - <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
2014 Q1	Q3	0.9	1.1		2.2	-	-0.5		
Q2         1.0         -0.4         -         -0.7         4.6         -         0.7           Q3         0.2         -0.5         -0.1         0.6         -         0.7           Q4         2.1         -0.7         -0.4         -0.2         -         -0.3           2015 Q1         2.0         1.1         -0.7         -1.3         -         1.0           Q2         0.2         -         0.4         -1.5         -1.2         0.6           Q3         0.2         -0.7         -0.2         -0.5         -         -1.2         0.6           Q3         0.2         -0.7         -0.2         -0.5         -         -         -         0.6           Q4         0.4         0.2         -0.2         -0.9         -         1.7         -         -         -         0.6         - <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
Q3         0.2         -0.5         -0.1         0.6         -         0.7           Q4         2.1         -0.7         -0.4         -0.2         -         0.3           2015 Q1         2.0         1.1         -0.7         -1.3         -         1.0           Q2         0.2         -         0.4         -1.5         -1.2         0.6           Q3         0.2         -0.7         -0.2         -0.5         -         -         -           Q4         0.4         0.2         -0.2         -0.9         -         1.7           Percentage change, latest quarter on corresponding quarter of previous year           2012 Q1         6.0         5.5         4.5         -2.5         -3.5         -2.0           Q2         4.3         -1.9         4.4         -3.6         2.4         -2.1           Q3         3.4         -1.5         4.6         1.2         2.4         -4.4           Q4         4.8         -1.1         3.3         1.2         2.4         -4.4           Q2         5.8         1.1         4.6         -1.1         2.8         -2.1           Q3         5.7         2.					–1.7 –0.7				
2015 Q1	Q3	0.2	-0.5	-0.1	0.6	-	0.7		
Q2         0.2         -         0.4         -1.5         -1.2         0.6           Q3         0.2         -0.7         -0.2         -0.9         -         1.7           Percentage change, latest quarter on corresponding quarter of previous year           2012 Q1         6.0         5.5         4.5         -2.5         -3.5         -2.0           Q2         4.3         -1.9         4.4         -3.6         2.4         -2.1           Q3         3.4         -1.5         4.6         1.2         2.4         -4.4           Q4         4.8         -1.1         3.3         1.2         2.4         -4.5           2013 Q1         6.4         0.8         5.0         3.1         2.4         -2.4           Q2         5.8         1.1         4.6         -1.1         2.8         -2.1           Q3         5.7         2.0         4.8         1.1         2.8         0.8           Q4         4.1         -4.0         4.6         0.8         2.8         0.3           Q2         4.5         -1.8         1.7         -0.3         4.6         0.5           Q3         3.8         -3.3						_			
Q3         0.2         -0.7         -0.2         -0.5         -         -         1.7           Percentage change, latest quarter on corresponding quarter of previous year           2012 Q1         6.0         5.5         4.5         -2.5         -3.5         -2.0           Q2         4.3         -1.9         4.4         -3.6         2.4         -2.1           Q3         3.4         -1.5         4.6         1.2         2.4         -4.4           Q4         4.8         -1.1         3.3         1.2         2.4         -4.5           2013 Q1         6.4         0.8         5.0         3.1         2.4         -2.4           Q2         5.8         1.1         4.6         -1.1         2.8         -2.1           Q3         5.7         2.0         4.8         1.1         2.8         -0.6           Q4         4.1         -0.7         1.6         -2.7         2.8         0.8           Q2         4.5         -1.8         1.7         -0.3         4.6         0.5           Q3         3.8         -3.3         1.4         -1.8         4.6         1.7           Q4         5.1							1.0 0.6		
Percentage change, latest quarter on corresponding quarter of previous year  2012 Q1 6.0 5.5 4.5 -2.5 -3.5 -2.0	Q3	0.2	-0.7	-0.2	-0.5	_	_		
2012 Q1 6.0 5.5 4.5 -2.5 -3.5 -2.0 Q2 4.3 -1.9 4.4 -3.6 2.4 -2.1 Q3 3.4 -1.5 4.6 1.2 2.4 -4.4 Q4 4.8 -1.1 3.3 1.2 2.4 -4.5 Q2 5.8 1.1 4.6 -1.1 2.8 -2.1 Q3 5.7 2.0 4.8 1.1 2.8 -2.1 Q3 5.7 2.0 4.8 1.1 2.8 -2.1 Q3 5.7 2.0 4.8 1.1 2.8 -0.6 Q4 4.1 -4.0 4.6 0.8 2.8 -0.3 Q4 4.1 -4.0 4.6 0.8 2.8 -0.3 Q2 4.5 -1.1 2.8 -0.3 4.6 0.5 Q3 3.8 3.8 -3.3 1.4 -1.8 4.6 0.5 Q3 3.8 3.8 -3.3 1.4 -1.8 4.6 0.5 Q4 5.1 1.1 1.1 1.1 -2.0 4.6 0.9 Q4 5.1 1.1 1.1 1.1 -2.0 4.6 0.9 Q5 4.5 0.9 Q5 4.5 -1.8 1.7 -0.3 4.6 0.5 Q3 3.8 -3.3 1.4 -1.8 4.6 1.7 Q4 5.1 1.1 1.1 1.1 -2.0 4.6 0.9 Q5 4.7 -0.3 -0.9 -3.5 -1.2 1.3					-0.9	_	1.7		
Q2       4.3       -1.9       4.4       -3.6       2.4       -2.1         Q3       3.4       -1.5       4.6       1.2       2.4       -4.4         Q4       4.8       -1.1       3.3       1.2       2.4       -4.5         2013 Q1       6.4       0.8       5.0       3.1       2.4       -2.4         Q2       5.8       1.1       4.6       -1.1       2.8       -2.1         Q3       5.7       2.0       4.8       1.1       2.8       -0.6         Q4       4.1       -4.0       4.6       0.8       2.8       -0.3         2014 Q1       4.1       -0.7       1.6       -2.7       2.8       0.8         Q2       4.5       -1.8       1.7       -0.3       4.6       0.5         Q3       3.8       -3.3       1.4       -1.8       4.6       1.7         Q4       5.1       1.1       1.1       1.1       -2.0       4.6       0.9         2015 Q1       5.4       -0.4       -1.2       -1.6       4.6       0.9         2015 Q1       5.4       -0.4       -1.2       -1.6       4.6       0.9 <t< td=""><td></td><td></td><td></td><td>-</td><td>0.5</td><td>0.5</td><td>0.0</td></t<>				-	0.5	0.5	0.0		
Q3       3.4       -1.5       4.6       1.2       2.4       -4.4         Q4       4.8       -1.1       3.3       1.2       2.4       -4.5         2013 Q1       6.4       0.8       5.0       3.1       2.4       -2.4         Q2       5.8       1.1       4.6       -1.1       2.8       -2.1         Q3       5.7       2.0       4.8       1.1       2.8       -0.6         Q4       4.1       -4.0       4.6       0.8       2.8       -0.3         2014 Q1       4.1       -0.7       1.6       -2.7       2.8       0.8         Q2       4.5       -1.8       1.7       -0.3       4.6       0.5         Q3       3.8       -3.3       1.4       -1.8       4.6       1.7         Q4       5.1       1.1       1.1       1.1       -2.0       4.6       0.9         2015 Q1       5.4       -0.4       -1.2       -1.6       4.6       1.4         Q2       4.6       -       -0.8       -2.4       -1.2       2.0         Q3       4.7       -0.3       -0.9       -3.5       -1.2       1.3   <							-2.0 -2.1		
2013 Q1 6.4 0.8 5.0 3.1 2.4 -2.4 Q2 5.8 1.1 4.6 -1.1 2.8 -2.1 Q3 5.7 2.0 4.8 1.1 2.8 -0.6 Q4 4.1 -4.0 4.6 0.8 2.8 -0.3 2014 Q1 4.1 -0.7 1.6 -2.7 2.8 0.8 Q2 4.5 -1.8 1.7 -0.3 4.6 0.5 Q3 3.8 -3.3 1.4 -1.8 4.6 1.7 Q4 5.1 1.1 1.1 1.1 -2.0 4.6 0.9 2015 Q1 5.4 -0.4 -1.2 -1.6 4.6 0.9 2015 Q1 5.4 -0.4 -1.2 -1.6 4.6 1.4 Q2 4.60.8 -2.4 -1.2 2.0 Q3 4.7 -0.3 -0.9 -3.5 -1.2 1.3	Q3	3.4	-1.5	4.6	1.2	2.4	-4.4		
Q2       5.8       1.1       4.6       -1.1       2.8       -2.1         Q3       5.7       2.0       4.8       1.1       2.8       -0.6         Q4       4.1       -4.0       4.6       0.8       2.8       -0.3         2014 Q1       4.1       -0.7       1.6       -2.7       2.8       0.8         Q2       4.5       -1.8       1.7       -0.3       4.6       0.5         Q3       3.8       -3.3       1.4       -1.8       4.6       1.7         Q4       5.1       1.1       1.1       1.1       -2.0       4.6       0.9         2015 Q1       5.4       -0.4       -1.2       -1.6       4.6       1.4         Q2       4.6       -       -0.8       -2.4       -1.2       2.0         Q3       4.7       -0.3       -0.9       -3.5       -1.2       1.3									
Q3							-2.4 -2.1		
2014 Q1	Q3	5.7	2.0	4.8	1.1	2.8	-0.6		
Q2     4.5     -1.8     1.7     -0.3     4.6     0.5       Q3     3.8     -3.3     1.4     -1.8     4.6     1.7       Q4     5.1     1.1     1.1     -2.0     4.6     0.9       2015 Q1     5.4     -0.4     -1.2     -1.6     4.6     1.4       Q2     4.6     -     -0.8     -2.4     -1.2     2.0       Q3     4.7     -0.3     -0.9     -3.5     -1.2     1.3									
Q3 Q4 3.8 -3.3 1.4 -1.8 4.6 1.7 Q4 5.1 1.1 1.1 -2.0 4.6 0.9 2015 Q1 5.4 -0.4 -1.2 -1.6 4.6 1.4 Q2 4.60.8 -2.4 -1.2 2.0 Q3 4.7 -0.3 -0.9 -3.5 -1.2 1.3									
2015 Q1 5.4 -0.4 -1.2 -1.6 4.6 1.4 Q2 4.60.8 -2.4 -1.2 2.0 Q3 4.7 -0.3 -0.9 -3.5 -1.2 1.3	Q3	3.8	-3.3	1.4	-1.8	4.6	1.7		
Q2 4.60.8 -2.4 -1.2 2.0 Q3 4.7 -0.3 -0.9 -3.5 -1.2 1.3	Q4	5.1	1.1	1.1	-2.0	4.6	0.9		
Q3 4.7 -0.3 -0.9 -3.5 -1.2 1.3	2015 Q1						1.4		
	Q3	4.7					1.3		
							3.3		

p = provisional. r = revised F = values are calculated using price quotes from 5 or fewer respondents

<sup>1</sup> Please see Background Note 10 for external sources 2 Not currently a National Statistic

continued			2010 = 100 (SIC2007)				
	Accommoda	tion & Food		Information & Com	munication		Banking
	Hotels 55.10	Canteens & Catering 56.20	Publishing Services 58.10	Sound Recording & Music Publishing 59.20	Business Telecomm- unications <sup>1</sup> 61.10	Computer Services 62.00	Financial Intermediation (Banks) <sup>1</sup> 64.19/1
Annual							
2012 2013 2014 2015	K8TE 102.3 106.0 108.2 107.6	K8TP 103.1 106.5 108.9 110.6	K8TV 108.7 113.1 119.3 122.2	K8UF 97.7 97.7 93.2 92.5	K8UI 87.2 84.8 83.0 79.0	K8UK 100.9 101.8 100.5 100.5	KB2S 100.2 94.4 90.1 87.5
Percentage chan	ge, latest year on pre	vious year					
2012 2013 2014 2015	1.3 3.6 2.1 -0.6	2.0 3.3 2.3 1.6	4.6 4.0 5.5 2.4	-1.1 - -4.6 -0.8	-6.7 -2.8 -2.1 -4.8	0.6 0.9 -1.3 -	-1.0 -5.8 -4.6 -2.9
•	(not seasonally adju	sted)					
2012 Q1 Q2 Q3 Q4	98.1 100.9 98.5 111.8	102.2 102.7 102.9 104.5	107.6B 108.6B 109.1B 109.7B	98.1B 97.7B 97.4B 97.7B	87.5 87.1 88.0 86.3	100.8 100.9 100.9 100.8	101.2 102.8 104.0 92.8
2013 Q1 Q2 Q3 Q4	106.0 99.5 104.3 114.3	105.9 106.0 106.1 107.9	110.8B 112.2B 114.0B 115.3B	98.1B 98.3B 98.1B 96.1B	86.7 83.7 81.8 87.0	101.7 101.8 101.9 101.7	99.0 96.1 93.8 88.8
2014 Q1 Q2 Q3 Q4	100.0 112.6 112.2 107.9	108.4 109.0 108.7 109.4	117.8B 118.7B 120.2B 120.4B	93.9B 93.0B 93.0B 93.0B	83.6 80.1 83.2 85.0r	100.6 100.6 100.7 100.2	90.9 90.5 91.8 87.3
2015 Q1 Q2 Q3 Q4	104.5r 108.6 109.2p 108.0p	110.8 111.1 110.1p 110.5p	121.3B 122.0B 122.3pB 123.1pB	93.0B 93.0B 92.1pB 92.0pB	78.8r 78.2 79.6p 79.6p	100.2 100.5 100.7p 100.6p	88.0 89.3 88.2p 84.7p
Percentage chan	ge, latest quarter on	previous quarter					
2012 Q1 Q2 Q3 Q4	-3.9 2.9 -2.4 13.5	0.9 0.5 0.2 1.6	2.3 0.9 0.5 0.5	0.1 -0.4 -0.3 0.3	-4.9 -0.5 1.0 -1.9	0.2 0.1 - -0.1	4.5 1.6 1.2 –10.8
2013 Q1 Q2 Q3 Q4	-5.2 -6.1 4.8 9.6	1.3 0.1 0.1 1.7	1.0 1.3 1.6 1.1	0.4 0.2 -0.2 -2.0	0.5 -3.5 -2.3 6.4	0.9 0.1 0.1 -0.2	6.7 -2.9 -2.4 -5.3
2014 Q1 Q2 Q3 Q4	-12.5 12.6 -0.4 -3.8	0.5 0.6 -0.3 0.6	2.2 0.8 1.3 0.2	-2.3 -1.0 -	-3.9 -4.2 3.9 2.2	-1.1 - 0.1 -0.5	2.4 -0.4 1.4 -4.9
2015 Q1 Q2 Q3 Q4	-3.2 3.9 0.6 -1.1	1.3 0.3 –0.9 0.4	0.7 0.6 0.2 0.7	- - -1.0 -0.1	-7.3 -0.8 1.8	0.3 0.2 -0.1	0.8 1.5 -1.2 -4.0
Percentage chan	ge, latest quarter on	corresponding qua	rter of previous y	/ear			
2012 Q1 Q2 Q3 Q4	0.6 -0.9 -3.8 9.5	1.2 1.6 1.8 3.2	4.8 4.9 4.6 4.3	-2.9 2.4 -3.3 -0.3	-8.7 -7.9 -3.8 -6.2	0.5 0.7 0.7 0.2	0.1 -1.7 1.8 -4.1
2013 Q1 Q2 Q3 Q4	8.1 -1.4 5.9 2.2	3.6 3.2 3.1 3.3	3.0 3.3 4.5 5.1	0.6 0.7 -1.6	-0.9 -3.9 -7.0 0.8	0.9 0.9 1.0 0.9	-2.2 -6.5 -9.8 -4.3
2014 Q1 Q2 Q3 Q4	–5.7 13.2 7.6 –5.6	2.4 2.8 2.5 1.4	6.3 5.8 5.4 4.4	-4.3 -5.4 -5.2 -3.2	-3.6 -4.3 1.7 -2.3	-1.1 -1.2 -1.2 -1.5	-8.2 -5.8 -2.1 -1.7
2015 Q1 Q2 Q3 Q4	4.5 -3.6 -2.7 0.1	2.2 1.9 1.3 1.0	3.0 2.8 1.7 2.2	-1.0 - -1.0 -1.1	-5.7 -2.4 -4.3 -6.4	-0.4 -0.1 - 0.4	-3.2 -1.3 -3.9 -3.0

p = provisional. r = revised
B = values are considered less reliable due to lack of market coverage

<sup>1</sup> Please see Background Note 10 for external sources

continued	Real Estat	e Activities		Professiona	I Scientific & Technic		= 100 (SIC2007)
	Property Rentals <sup>1</sup> 68.20	Real Estate Agencies 68.30	Legal Services <sup>2</sup> 69.10	Accountancy <sup>2</sup> 69.20	Business Management Consultancy <sup>2</sup> 70.22	Architectural Services <sup>2</sup> 71.11	Engineering & Related Services <sup>2</sup> 71.12
Annual		16016					
2012 2013 2014 2015	K8VA 100.3 98.9 98.9 100.0	K8VC 100.9 101.8 108.9 117.5	KHW5 104.0 106.3 110.3 112.7	KHX6 103.7 106.2 109.5 112.7	KOP4 106.5 106.2 104.4 103.1	KHY2 101.1 103.2 104.4 106.3	KHY7 103.0 104.9 107.6 108.3
Percentage chan	ige, latest year on prev	vious year					
2012	-0.1	-0.3	2.1	1.5	2.5	0.7	2.2
2013	-1.4	0.9	2.2	2.4	-0.3	2.1	1.8
2014	-	7.0	3.8	3.1	-1.7	1.2	2.6
2015	1.1	7.9	2.2	2.9	-1.2	1.8	0.7
Quarterly results	s (not seasonally adjus	sted)					
2012 Q1	100.1	101.3	103.2	104.0	106.7	102.0	102.6
Q2	100.2	101.0	103.2	102.6	106.7	100.2	103.6
Q3	100.7	100.7	104.7	103.7	106.4	100.0	102.8
Q4	100.4	100.6	104.9	104.4	106.0	102.3	103.0
2013 Q1	99.4	100.8	105.2	106.5	106.4	102.5	103.7
Q2	99.7	101.2	106.0	106.0	106.2	103.4	105.0
Q3	98.2	101.9	106.5	105.6	106.0	103.7	105.2
Q4	98.3	103.4	107.4	106.6	106.0	103.3	105.6
2014 Q1	98.4	105.5	109.4	108.9	106.4	103.9	107.0
Q2	98.7	107.4	110.2	108.7	105.0	104.8	107.7
Q3	99.1	110.1	110.1	109.4	103.6	104.4	107.8
Q4	99.2	112.7	111.5	110.9	102.6	104.5	107.9
2015 Q1	99.4	114.3r	111.6	113.3	103.0	105.8	108.0
Q2	99.5	116.3	112.6	112.4	103.1	106.1	108.7
Q3	100.0p	118.5p	113.0p	112.1p	102.8p	106.5p	108.3p
Q4	101.0p	120.9p	113.5p	113.2p	103.5p	106.9p	108.4p
Percentage chan	ige, latest quarter on p	revious quarter					
2012 Q1	-0.1	-0.1	0.4	1.0	-	0.4	1.9
Q2	0.1	-0.3	-	-1.3	-	-1.8	1.0
Q3	0.5	-0.3	1.5	1.1	-0.3	-0.2	-0.8
Q4	-0.3	-0.1	0.2	0.7	-0.4	2.3	0.2
2013 Q1	-1.0	0.2	0.3	2.0	0.4	0.2	0.7
Q2	0.3	0.4	0.8	-0.5	-0.2	0.9	1.3
Q3	-1.5	0.7	0.5	-0.4	-0.2	0.3	0.2
Q4	0.1	1.5	0.8	0.9	-	-0.4	0.4
2014 Q1	0.1	2.0	1.9	2.2	0.4	0.6	1.3
Q2	0.3	1.8	0.7	-0.2	-1.3	0.9	0.7
Q3	0.4	2.5	-0.1	0.6	-1.3	-0.4	0.1
Q4	0.1	2.4	1.3	1.4	-1.0	0.1	0.1
2015 Q1	0.2	1.4	0.1	2.2	0.4	1.2	0.1
Q2	0.1	1.7	0.9	-0.8	0.1	0.3	0.6
Q3	0.5	1.9	0.4	-0.3	-0.3	0.4	-0.4
Q4	1.0	2.0	0.4	1.0	0.7	0.4	0.1
Percentage chan	nge, latest quarter on c	corresponding quart	ter of previous ye	ar			
2012 Q1	-0.4	0.3	2.4	1.2	4.6	1.7	1.4
Q2	-0.3	0.2	1.9	1.4	3.6	0.1	2.8
Q3	0.3	-0.7	1.9	1.7	2.3	0.2	2.3
Q4	0.2	-0.8	2.0	1.4	-0.7	0.7	2.3
2013 Q1 Q2 Q3 Q4	-0.7 -0.5 -2.5 -2.1	-0.5 0.2 1.2 2.8	1.9 2.7 1.7 2.4	2.4 3.3 1.8 2.1	-0.3 -0.5 -0.4	0.5 3.2 3.7 1.0	1.1 1.4 2.3 2.5
2014 Q1	-1.0	4.7	4.0	2.3	-	1.4	3.2
Q2	-1.0	6.1	4.0	2.5	-1.1	1.4	2.6
Q3	0.9	8.0	3.4	3.6	-2.3	0.7	2.5
Q4	0.9	9.0	3.8	4.0	-3.2	1.2	2.2
2015 Q1	1.0	8.3	2.0	4.0	-3.2	1.8	0.9
Q2	0.8	8.3	2.2	3.4	-1.8	1.2	0.9
Q3	0.9	7.6	2.6	2.5	-0.8	2.0	0.5
Q4	1.8	7.3	1.8	2.1	0.9	2.3	0.5

p = provisional. r = revised

Source: Office for National Statistics

<sup>1</sup> Please see Background Note 10 for external sources 2 Not currently a National Statistic

continued		Profess	sional Scientific & Techr		010 = 100 (SIC2007)
	Technical Testing & Analysis 71.20	Advertising Services <sup>1</sup> 73.12	Market Research 73.20	Commercial Film Processing 74.20	Translation & Interpretation Services 74.30
Annual 2012 2013 2014 2015	K8WD 104.0 105.6 107.1 108.1	KOQ5 99.7 99.8 102.8 104.0	K8X7 101.1 101.9 103.3 105.8	K8XC 103.0 108.2 110.1 115.8	K8XI 99.9 100.6 100.6 101.3
Percentage change, latest year	ar on previous year				
2012 2013 2014 2015	3.4 1.5 1.4 0.9	-3.2 0.1 3.0 1.2	0.2 0.8 1.4 2.4	0.4 5.0 1.8 5.2	0.7 - 0.7
Quarterly results (not seasons					
2012 Q1 Q2 Q3 Q4	102.9 103.7 104.6 104.6	98.2 98.6 99.7 102.2	101.1 101.1 101.2 101.1	103.0F 103.0F 103.0F 103.0F	99.9 99.9 99.9 99.9
2013 Q1 Q2 Q3 Q4	104.9 105.5 106.0 105.9	97.0 99.3 101.5 101.5	101.9 101.9 101.9 101.9	103.0F 110.0F 110.0F 110.0F	100.2 101.0 100.7 100.7
2014 Q1 Q2 Q3 Q4	106.8 107.0 107.3 107.4	100.8 101.7 104.8 103.8	102.8 102.8 103.6 104.2	110.0F 110.1F 110.1F 110.1F	100.6 100.6 100.6 100.6
2015 Q1 Q2 Q3 Q4	107.9 108.7 107.9p 107.9p	103.4r 103.5 103.9p 105.3p	105.5 105.8 105.8p 105.9p	110.1F 117.7F 117.7pF 117.7pF	100.6 101.6 101.6p 101.6p
Percentage change, latest qua	arter on previous quarter				
2012 Q1 Q2 Q3 Q4	2.5 0.8 0.9 -	-6.5 0.4 1.1 2.5	0.2 - 0.1 -0.1	- - - -	- - -
2013 Q1 Q2 Q3 Q4	0.3 0.6 0.5 –0.1	-5.1 2.4 2.2 -	0.8 - - -	6.8 - -	0.3 0.8 -0.3
2014 Q1 Q2 Q3 Q4	0.8 0.2 0.3 0.1	-0.7 0.9 3.0 -1.0	0.9 - 0.8 0.6	0.1 - -	-0.1 - - -
2015 Q1 Q2 Q3 Q4	0.5 0.7 –0.7	-0.4 0.1 0.4 1.3	1.2 0.3 - 0.1	6.9 - -	1.0 - -
Percentage change, latest qua	arter on corresponding q	uarter of previous year			
2012 Q1 Q2 Q3 Q4	2.3 3.0 4.0 4.2	-2.4 -4.9 -2.9 -2.7	0.2 0.2 0.3 0.2	1.4 0.1 - -	-0.1 -0.1 -
2013 Q1 Q2 Q3 Q4	1.9 1.7 1.3 1.2	-1.2 0.7 1.8 -0.7	0.8 0.8 0.7 0.8	- 6.8 6.8 6.8	0.3 1.1 0.8 0.8
2014 Q1 Q2 Q3 Q4	1.8 1.4 1.2 1.4	3.9 2.4 3.3 2.3	0.9 0.9 1.7 2.3	6.8 0.1 0.1 0.1	0.4 -0.4 -0.1 -0.1
2015 Q1 Q2 Q3 Q4	1.0 1.6 0.6 0.5	2.6 1.8 –0.9 1.4	2.6 2.9 2.1 1.6	0.1 6.9 6.9 6.9	1.0 1.0 1.0

p = provisional. r = revised F = values are calculated using price quotes from 5 of fewer respondents

continued 2010 = 100 (SIC2007)

			Administrative & Sup	port Services		
	Construction Plant Hire 77.32	Employment Agencies 78.00	Security Services 80.11	Industrial Cleaning 81.22	Secretarial Services 82.10	Contract Packing 82.92
Annual						
2012 2013 2014 2015	K8XQ 102.9 105.0 107.1 107.2	K8XZ 101.3 102.1 102.6 102.2	K8YH 99.4 97.6 97.4 96.7	K8YQ 101.0 101.9 103.2 103.4	K8Z2 101.7 103.0 104.0 103.5	K8Z9 98.9 100.8 101.0 100.1
Percentage change, late	est year on previous year					
2012 2013 2014 2015	-0.7 2.0 2.0 0.1	1.1 0.8 0.5 -0.4	0.3 -1.8 -0.2 -0.7	0.4 0.9 1.3 0.2	0.9 1.3 1.0 –0.5	0.8 1.9 0.2 -0.9
Quarterly results (not s	easonally adjusted)					
2012 Q1 Q2 Q3 Q4	102.1 102.4 103.7 103.4	100.4 100.9 102.0 102.0	99.4 99.5 99.2 99.4	100.7 100.7 101.1 101.3	101.5 101.3 102.1 102.0	98.6 98.6 99.2 99.3
2013 Q1 Q2 Q3 Q4	104.7 104.6 105.2 105.7	101.9 101.7 101.6 103.0	99.4 96.9 96.9 97.2	101.3 101.0 102.0 103.2	102.2 102.9 103.2 103.6	100.5 100.9 100.9 101.0
2014 Q1 Q2 Q3 Q4	106.4 107.4 107.3 107.3	103.1 103.0 102.0 102.2	97.2 97.5 97.4 97.4	103.4 103.9 103.6 102.1	104.1 103.9 104.0 104.0	101.1 101.0 101.1 101.0
2015 Q1 Q2 Q3 Q4	107.5r 107.1 107.2p 107.1p	102.4 102.7 101.2p 102.6p	96.4 96.3 96.7p 97.3p	102.6 103.0 103.5p 104.6p	103.4 103.2 103.9p 103.6p	100.0 99.9 100.3p 100.2p
Percentage change, late	est quarter on previous quar	ter				
2012 Q1 Q2 Q3 Q4	-1.7 0.3 1.3 -0.3	0.2 0.5 1.1	- 0.1 -0.3 0.2	0.3 - 0.4 0.2	1.0 -0.2 0.8 -0.1	0.6 - 0.6 0.1
2013 Q1 Q2 Q3 Q4	1.3 -0.1 0.6 0.5	-0.1 -0.2 -0.1 1.4	-2.5 - 0.3	- -0.3 1.0 1.2	0.2 0.7 0.3 0.4	1.2 0.4 - 0.1
2014 Q1 Q2 Q3 Q4	0.7 0.9 -0.1	0.1 -0.1 -1.0 0.2	0.3 -0.1 -	0.2 0.5 -0.3 -1.4	0.5 -0.2 0.1 -	0.1 -0.1 0.1 -0.1
2015 Q1 Q2 Q3 Q4	0.2 -0.4 0.1 -0.1	0.2 0.3 -1.5 1.4	-1.0 -0.1 0.4 0.6	0.5 0.4 0.5 1.1	-0.6 -0.2 0.7 -0.3	-1.0 -0.1 0.4 -0.1
Percentage change, late	est quarter on corresponding	g quarter of previous ye	ar			
2012 Q1 Q2 Q3 Q4	2.3 0.3 -4.4 -0.5	0.2 0.6 1.7 1.8	0.8 0.3 - -	- -0.1 0.8 0.9	1.6 -0.1 0.6 1.5	0.2 0.7 1.2 1.3
2013 Q1 Q2 Q3 Q4	2.5 2.1 1.4 2.2	1.5 0.8 -0.4 1.0	- -2.6 -2.3 -2.2	0.6 0.3 0.9 1.9	0.7 1.6 1.1 1.6	1.9 2.3 1.7 1.7
2014 Q1 Q2 Q3 Q4	1.6 2.7 2.0 1.5	1.2 1.3 0.4 -0.8	-2.2 0.6 0.5 0.2	2.1 2.9 1.6 -1.1	1.9 1.0 0.8 0.4	0.6 0.1 0.2
2015 Q1 Q2 Q3 Q4	1.0 -0.3 -0.1 -0.2	-0.7 -0.3 -0.8 0.4	-0.8 -1.2 -0.7 -0.1	-0.8 -0.9 -0.1 2.4	-0.7 -0.7 -0.1 -0.4	-1.1 -1.1 -0.8 -0.8

	Education	Other Services
	Adult Education 85.59	Commercial Washing & Dry Cleaning 96.01
Annual 2012 2013 2014 2015	K8ZG 100.2 102.3 103.8 103.9	K8ZM 101.1 101.8 102.6 104.5
Percentage change, latest year o	on previous year	
2012 2013 2014 2015	-0.8 2.1 1.5 0.1	0.1 0.7 0.8 1.9
Quarterly results (not seasonally		
2012 Q1 Q2 Q3 Q4	100.2 100.4 100.0 100.0	101.5 101.7 100.6 100.6
2013 Q1 Q2 Q3 Q4	101.9 101.9 102.7 102.7	101.5 101.7 102.1 102.1
2014 Q1 Q2 Q3 Q4	104.1 104.2 104.2 102.8	102.1 102.8 102.8 102.8
2015 Q1 Q2 Q3 Q4	103.2 103.4 104.5p 104.5p	104.0 104.3 104.4p 105.1p
Percentage change, latest quarte	er on previous quarter	
2012 Q1 Q2 Q3 Q4	1.1 0.2 -0.4 -	0.4 0.2 -1.1
2013 Q1 Q2 Q3 Q4	1.9 - 0.8 -	0.9 0.2 0.4
2014 Q1 Q2 Q3 Q4	1.4 0.1 - -1.3	0.7 _ _
2015 Q1 Q2 Q3 Q4	0.4 0.2 1.1	1.2 0.3 0.1 0.7
Percentage change, latest quarte	er on corresponding quarter of previous year	
2012 Q1 Q2 Q3 Q4	-2.0 -3.3 1.2 0.9	0.8 0.7 -0.5 -0.5
2013 Q1 Q2 Q3 Q4	1.7 1.5 2.7 2.7	- - 1.5 1.5
2014 Q1 Q2 Q3 Q4	2.2 2.3 1.5 0.1	0.6 1.1 0.7 0.7
2015 Q1 Q2 Q3 Q4	-0.9 -0.8 0.3 1.7	1.9 1.5 1.6 2.2

## 1 R Services Producer Price Indices - Aggregate Revisions

2010=100 (SIC2007)

	Gross Sector  SPPI - All services			Net Sector		
				S	SPPI - All services	
	Index (2010=100)	percentage change over			percentage change over	
		Quarter	Year	Index (2010=100)	Quarter	Year
	9907010000			9907020000		
	K8ZU			K8ZW		
2012 Q1	_	_	_	_	_	_
Q2	_	_	_	_	_	_
Q3	_	_	_	_	-	_
Q4	-	-	-	-	-	-
2013 Q1	_	_	_	_	_	_
Q2	_	_	_	_	_	_
Q3	_	_	_	_	_	_
Q4	_	-	-	_	_	-
2014 Q1	-	_	_	_	-	_
Q2	_	_	-	_	_	_
Q3	_	_	_	_	_	_
Q4	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
2015 Q1	-0.2	-0.1	-0.2	-0.1	-	-0.1
Q2	-0.2	_	-0.2	-0.2	-0.1	-0.2
Q3	-0.3	-0.1	-0.3	-0.2	_	-0.2
Q4	<del></del>					

## **2R** Services Producer Price Indices - Section Revisions

2010=100 (SIC2007)

	Water and V	Water Supply, Sewerage and Waste Management			Wholesale, Retail Trade of Motor Vehicles and Motorcycles		
	Index 2010=100	percentage change over			percentage change over		
		Quarter	Year	Index 2010=100	Quarter	Year	
	9907101000			9907103000			
	MF8N			MF2J			
2012 Q1	_	_	-	_	-	_	
Q2	_	_	_	_	_	_	
Q3	_	_	_	_	_	_	
Q4	-	_	_	-	-	-	
2013 Q1	_	_	_	_	-	_	
Q2	_	_	-	_	_	_	
Q3	_	_	_	_	_	_	
Q4	-	_	-	-	-	-	
2014 Q1	_	_	_	_	_	_	
Q2	_	_	_	_	_	_	
Q3	_	_	-	_	_	_	
Q4	-	_	-	-	-	-	
2015 Q1	_	_	_	_	_	_	
Q2	_	_	_	_	_	_	
Q3	-0.1	-0.1	-0.1	_	_	_	
Q4							

	Transp	Transportation and Storage			Accommodation and Food		
	Index	percentage change over		Index	percentage change over		
	2010=100	Quarter	Year	2010=100	Quarter	Year	
	9907104000			9907105000			
	MF2K			MF2L			
2012 Q1	_	_	-	_	-	-	
Q2	_	_	_	_	_	_	
Q3	_	_	_	_	_	_	
Q4	-	-	-	_	_	-	
2013 Q1	_	_	_	_	_	_	
Q2	-	_	_	_	_	_	
Q3	_	_	_	_	_	-	
Q4	-	-	-	-	-	-	
2014 Q1	_	_	_	_	_	_	
Q2	_	_	_	_	_	_	
Q3	_	_	_	_	_	-	
Q4	-	_	-	_	_	-	
2015 Q1	_	_	_	-0.9	-0.8	-0.8	
Q2	_	_	_	-0.1	0.7	-0.1	
Q3	-0.1	-0.1	_	-0.4	-0.3	-0.4	
Q4				<del></del>			

## **2R** Services Producer Price Indices - Section Revisions

2010=100 (SIC2007)

	Information and Communication			Real	Estate Activities	
	Index	percenta change o		Index	percen change	
	2010=100	Quarter	Year	2010=100	Quarter	Year
	9907106000			9907108000		
	MF2M			MF8P		
2012 Q1	_	_	_	_	_	_
Q2	_	_	_	_	_	_
Q3	_	_	_	_	_	_
Q4	_	_	_	_	_	-
2013 Q1	_	_	_	_	_	_
Q2	_	_	_	_	_	_
Q3	_	_	_	_	_	_
Q4	_	-	_	_	_	-
2014 Q1	_	_	_	_	_	_
Q2	_	_	_	_	_	_
Q3	_	_	_	_	_	_
Q4	-0.5	-0.5	-0.5	-	-	-
2015 Q1	-0.8	-0.3	-0.8	-0.1	-0.1	-0.1
Q2	-0.9	-0.1	-0.9	_	0.1	_
Q3	-0.5	0.4	-0.5	-0.1	_	-0.1
Q4						

		Professional, Scientific and Technical Activities			Administrative and Support Services		
	la dan	percenta change o		la da	percentag change ov		
	Index 2010=100	Quarter	Year	Index 2010=100	Quarter	Year	
	9907109000			9907110000			
	MF8Q			MF8R			
2012 Q1	_	_	-	_	_	_	
Q2	_	_	-	_	_	_	
Q3	_	_	-	_	_	_	
Q4	-	-	-	-	_	-	
2013 Q1	-	_	_	_	_	_	
Q2	_	_	-	_	_	_	
Q3	_	_	-	_	_	_	
Q4	-	-	-	-	-	-	
2014 Q1	-	_	_	-	-	_	
Q2	_	_	_	_	_	_	
Q3	_	_	-	_	_	_	
Q4	-	-	-	-		-	
2015 Q1	0.1	0.1	0.1	_	_	_	
Q2	0.1	_	0.1	_	_	_	
Q3	_	-0.1	_	-0.8	-0.8	-0.8	
Q4				-			

## **2R** Services Producer Price Indices - Section Revisions

2010=100 (SIC2007)

	ther Services		Education			
percentage change over		Index	percentage change over		Index	
Year	Quarter	2010=100	Year	Quarter	2010=100	
		9907116000			9907113000	
		MF8T			MF8S	
_	_	_	-	_	_	2012 Q1
_	_	_	_	_	_	Q2
_	_	_	-	_	_	Q3
-	-	-	-	-	_	Q4
_	_	_	_	_	_	2013 Q1
_	_	_	_	_	_	Q2
_	_	_	_	_	_	Q3
-	_	-	-	_	_	Q4
_	_	_	_	_	_	2014 Q1
_	_	_	_	_	_	Q2
-	_	_	_	_	_	Q3
-	-	-	-	-	_	Q4
_	_	_	_	_	_	2015 Q1
_	_	_	_	_	_	
_	_	_	_	_	_	
		- - - - -		- - - -	- - - - -	Q3 Q4 2015 Q1 Q2 Q3 Q4

	Water Supp	oly, Sewerage and Wast	e Management	Wholesale, Retail Trade; Repair of Motor Vehicles and Motorcycles
	Sewerage Services 37.00	Waste Disposal 38.11	Sorted Recovered Materials Services 38.32	Motor Vehicles 45.20
Annual	Keby	K9O2	KeOl	KOOM
2012	K8PX –	K8Q3 -	K8QL -	K8QW _
2013 2014 2015	- - 	- - 	- - 	- - 
Percentage change, lat	est year on previous year			
2012	_	_	_	_
2013	-	_	-	-
2014 2015	- 		<del>-</del> 	<del>-</del> 
Quarterly results (not s	easonally adjusted)			
2012 Q1	_	_	_	_
Q2	-	-	-	-
Q3 Q4				<del>-</del> -
2013 Q1 Q2	-		<del>-</del>	_ _
Q3	-			
Q4	-	-	-	-
2014 Q1	_	_	_	_
Q2	-	-	_	_
Q3 Q4		_	_	_
2015 Q1	-	-	-	-
Q2 Q3	_	0.1	_ _0.1	_ _
Q4				
Percentage change, lat	est quarter on previous qu	arter		
2012 Q1	_	-	_	-
Q2 Q3	- -		_ _	_ _
Q4	_	-	_	-
2013 Q1	_	_	_	_
Q2	-	_	_	_
Q3 Q4	-	_	_	-
	_	_	_	_
2014 Q1	-	-	_	_
Q2 Q3			_ _	_ _
Q4	-	-	_	-
2015 Q1			_	_
Q2		_		
Q3 Q4	-	0.1	-0.1	-
				<del>.</del>
	est quarter on correspond	ing quarter of previous	s year	
2012 Q1 Q2			_ _	_ _
Q3	_	-	_	-
Q4	-	-	_	-
2013 Q1	-	-	_	-
Q2 Q3	<del>-</del>	<del>-</del> -	<del>-</del> -	_ _
Q3 Q4	-	-	-	_ _
2014 01				
2014 Q1 Q2	_ _	_ _	- -	_ _
Q3	-	-	-	-
Q4	_	-	-	-
2015 Q1	_	_	_	-
Q2	-	_	-	-
Q3 Q4		0.1	-0.1 	<del>-</del> 
	••	••	••	•••

		Transportation and Storage					
	Business Rail Fares 49.11	Rail Freight 49.21	Bus & Coach Hire 49.39	Freight Transport by Road 49.41	Commercial Vehicle Ferries 50.11	Sea & Coastal Water Freight 50.20	
Annual	K8QY	K8R2	K8RE	K8RO	K8RW	K8S5	
2012	NOQ1	Non2 -	None -	KonO –	NOUAA	K033	
2013	_	_	_	_	_	-	
2014 2015	- 		- 	<del>-</del>	<del>-</del> 	-	
Percentage change, la	atest year on previous year						
2012	_	_	_	_	_	_	
2013	_	-	-	-	_	-	
2014	-	-	-	-	-	-	
2015			••	••			
Quarterly results (not	seasonally adjusted)						
2012 Q1 Q2	-	_ _	_	_	_	-	
Q2 Q3		_				_	
Q4	-	-	-	_	-	-	
2013 Q1		-	_	-	_	-	
Q2	-	-	-	-	-	-	
Q3 Q4			_	_	_	-	
2014 Q1	-	_	-	-	-	-	
Q2 Q3		_		_	_	_	
Q3 Q4		_		_			
2015 Q1	_	_	_	_	_	_	
Q2	_	_	_	0.1	_	_	
Q3		-	-	0.2	-	-	
Q4				••			
	ntest quarter on previous q	uarter					
2012 Q1 Q2	_ _		_	_	_	_	
Q3	_	_	_	_	_	_	
Q4	-	-	-	-	-	-	
2013 Q1	_	_	_	_	_	_	
Q2	-	-	-	-	-	-	
Q3 Q4	_ _	_ _		_ _		_ _	
2014 Q1							
Q2		_	_	_		_	
Q3	-	-	-	-	-	-	
Q4	-	_	_	_	-	-	
2015 Q1	_	_	_	_	_	_	
Q2	_	_	_	0.1	_	-	
Q3 Q4		-	<del>-</del> 	0.1 	_	-	
	atest quarter on correspon	ding guarter of pre	evious vear				
2012 Q1	_		_	_	_	_	
Q2	_	_	_	_	_	_	
Q3 Q4	-	-	-	-	-	-	
	_	_	_	_	_	_	
2013 Q1	_	-	_	_	-	-	
Q2 Q3		<u>-</u> -	<del>-</del>	<del>-</del>	<del>-</del>	_	
Q3 Q4		_			_ _	_	
2014 Q1	_	_	_	_	_	_	
Q2		_	_	_		_	
Q3	_	_	-	_	_	-	
Q4	_	_	_	-	_	-	
2015 Q1	_	_	_	_	_	-	
O2	-	-	_	0.1	-	-	
Q3 Q4	_	-	_	0.2	-	-	
QŦ	••	••			••	••	

ontinued 2010 = 100 (SIC2007)

		Transportation and Storage					
	Business Air Fares 51.11	Storage & Warehousing 52.10	Cargo Handling 52.24	Freight Forwarding 52.29	National Post Parcels 53.10	Courie Services 53.20	
Annual							
2012	K8S9 _	KS7Z -	KHU3 -	K8SD -	K8SW -	K8SY	
2013	-	_	_	_	_	-	
2014 2015		- 			- 	-	
Percentage change, la	itest year on previous yea	ar					
2012	_	_	_	_	_	-	
2013 2014		_	_	-		-	
2015							
Quarterly results (not	seasonally adjusted)						
2012 Q1	_	_	_	_	_	-	
Q2 Q3			_			-	
Q4	_	_	_	-	_	-	
2013 Q1 Q2	-	_	_	_	-	-	
Q3	_	_	_	-	_	_	
Q4	_	_	_	_	_	-	
2014 Q1	_	_	-	-	_	-	
Q2 Q3						_	
Q4	-	_	_	_	-	-	
2015 Q1	_	-0.1	_	_	_	_	
Q2 Q3	_	-0.1 -		_ 0.1	-	0.1	
Q3 Q4	- 		- 			0.1	
Percentage change, la	itest quarter on previous	quarter					
2012 Q1	-	-	-	_		-	
Q2 Q3						-	
Q4	-	-	-	_	_	-	
2013 Q1	_	-	-	-	-	-	
Q2 Q3						-	
Q4	-	-	-	-	-	-	
2014 Q1	_	_	_	_	_	_	
Q2 Q3	_	_	_	_	_	_	
Q4	_	_	-	-	_	-	
2015 Q1	-	-0.1	_	_	_	_	
Q2 Q3		- 0.1		- 0.1		0.1	
Q4							
Percentage change, la	itest quarter on correspo	nding quarter of previou	ıs year				
2012 Q1	_	_	_	_	_	-	
Q2 Q3		_	_	_		-	
Q4	-	-	-	-	-	-	
2013 Q1	_	_	_	_	_	-	
Q2 Q3	_ _	_ _		_ _	_ _	-	
Q4	_	-	_	_	-	-	
2014 Q1	_	_	_	_	_	_	
Q2 Q3						-	
Q3 Q4						-	
2015 Q1	_	-0.1	_	_	_	-	
Q2		-0.1	-	_		-	
Q3 Q4	<del>-</del>			0.1		0.1	

continued					2010 = 100 (SIC200		
	Accommoda	ation & Food		Banking			
	Hotels 55.10	Canteens & Catering 56.20	Publishing Services 58.10	Sound Recording & Music Publishing 59.20	Business Telecomm- unications 61.10	Computer Services 62.00	Financial Intermediation (Banks) 64.19/1
Annual							
2012	K8TE -	K8TP	K8TV –	K8UF	K8UI –	K8UK –	KB2S
2013	_	_	_	_	_	_	_
2014 2015	<del>-</del> 	<del>-</del> 		<del>-</del>	0.4		
Percentage chan	ge, latest year on pre	evious year					
2012	_	_	-	_	_	_	_
2013 2014	_	_	_		0.5	_	-
2015					0.5		
Quarterly results	(not seasonally adju	isted)					
2012 Q1	_	_	-	-	-	-	-
Q2 Q3	_		_	_ _		_	
Q4			-		_	_	
2013 Q1	_	_	_	_	_	_	_
Q2		_	_		_	_	_
Q3	-	-	_	-	-	-	-
Q4	_	_	_	_	_	_	_
2014 Q1	_	_	-	-	_	-	_
Q2 Q3	_	_	_		_	_	_
Q4	-	-	-	_	1.6	-	
2015 Q1	1.6	_	_	_	2.7	_	
Q2	0.2	-	-	-	3.3	_	••
Q3 Q4	0.7	_	_	-	1.9	-	**
	 ge, latest quarter on	previous quarter		<del></del>			
2012 Q1	_	_	_	_	_	_	_
Q2	_	_	_	-	_	-	-
Q3 Q4	_	_	_		-	_	_
2013 Q1 Q2	_	_	_	_	_	_	
Q3	_	_	_	_	_	_	_
Q4	_	_	-	-	_	-	_
2014 Q1	_	_	_	_	_	_	_
Q2	-	-	_	-	-	-	-
Q3 Q4	_	_	_		- 1.9	_	
2015 Q1 Q2	1.5 -1.4	_	_		1.4 0.8	_	••
Q3	0.5	_	_	_	-1.8	_	
Q4					••		
Percentage chan	ge, latest quarter on	corresponding qua	rter of previous	year			
2012 Q1	-	-	_	_	-	-	_
Q2 Q3		_			_	_	
Q4	-	-	-	_	_	-	_
2013 Q1	_	_	_	_	_	_	_
Q2	_	_	_	_	-	_	-
Q3 Q4			-	_ _		_	
2014 Q1 Q2	_		_		_	_	
Q3	_	_	_	_	_	_	
Q4	-	-	_	-	1.8	-	
2015 Q1	1.6	_	_	_	3.2	_	
Q2	0.2	_	_	_	4.1	_	
Q3 Q4	0.6	_	_	_	2.3	_	
<b>V</b> 4		••	••	••	••		

	Real Estat	Real Estate Activities		Professional Scientific & Technical Activities				
	Property Rentals 68.20	Real Estate Agencies 68.30	Legal Services 69.10	Accountancy 69.20	Business Management Consultancy 70.22	Architectural Services 71.11	Engineering & Related Services 71.12	
Annual	1/01/4	1/01/0	KUNAF	KUMO	1/001	1/11/0	121.157	
2012	K8VA –	K8VC	KHW5	KHX6	KOP4	KHY2	KHY7	
2013	_	_	_	_	_	_	_	
2014	_	_	_	_	_	-	-	
2015	••							
Percentage chang	ge, latest year on previ	ious year						
2012	_	_	_	_	_	_	-	
2013	_	_	_	_	_	_	-	
2014 2015	-	_	_	_	_	-	-	
			••	••	••		••	
	(not seasonally adjust	ted)						
2012 Q1 Q2		_	_	_	-	_	-	
Q2 Q3		_	_	_		_	_	
Q4	-	-	-	-	-	-	-	
2013 Q1								
Q2			_				-	
Q3	_	_	_	_	_	_	-	
Q4	-	_	-	-	-	-	-	
2014 Q1	_	_	_	_	_	_	_	
Q2	_	_	_	_	_	_	_	
Q3	-	_	_	_	_	_	-	
Q4	-	_	_	_	_	_	-	
2015 Q1	_	0.2	_	_	_	_	_	
Q2	_	0.2	_	_	_	_	-	
Q3	-	0.4	0.4	_	_	-	-	
Q4		••					-	
	ge, latest quarter on p	revious quarter						
2012 Q1	-	-	-	-	-	-	-	
Q2 Q3	_	_	_	_	_	_	_	
Q4	_	_	_	_	_	_	-	
22.42.24								
2013 Q1 Q2	_	_	_	_	_	_	_	
Q3	_	_	_	_	_	_	_	
Q4	-	_	_	-	_	_	-	
2014 Q1	_	_	_	_	_	_	_	
Q2	_	_	_	_	_	_	-	
Q3	_	-	_	_	_	-	-	
Q4	-	_	_	_	_	_	-	
2015 Q1	_	0.2	_	_	_	_	_	
Q2	-	_	_	_	_	_	-	
Q3 Q4	-	0.2	0.4	_	_	_	-	
						••	•	
	ge, latest quarter on co	orresponding quarte	er of previous yea	ar				
2012 Q1		_	-	_	_	_	-	
Q2 Q3			_				_	
Q4	-	_	_	-	-	_	-	
2013 Q1	_	_	_	_	_	_		
Q2	_	_	_	_		_	_	
Q3	-	_	_	_	_	_	-	
Q4	_	-	_	-	_	-	-	
2014 Q1		-	_	_	_	_	_	
Q2	_	_	_	-	_	_	-	
	-	_	_	_	_	_	-	
Q3	_	_	_	_	_	_	-	
Q3 Q4								
Q4 2015 Q1	_	0.2	_	_	_	_	-	
Q4 2015 Q1 Q2	_ _	0.2	- -	-	-	<u>-</u>	-	
Q4 2015 Q1	- - - 	0.2 0.2 0.4 	- - 0.4	- - -	- - -	- - -	- - -	

	Technical Testing & Analysis 71.20	Advertising Services 73.12	Market Research 73.20	Commercial Film Processing 74.20	Translation & Interpretation Services 74.30
Annual	K8WD	KOQ5	K8X7	K8XC	K8X
2012	-	-	-	- NOXO	-
2013	-	-	-	-	-
2014 2015	- 		<del>-</del> 	<del>-</del> 	- -
Percentage change, latest ye	ear on previous year				
2012	-	-	_	-	-
2013 2014					_
2015					
Quarterly results (not seasor	nally adjusted)				
2012 Q1	_	-	_	_	_
Q2 Q3				_ 	_
Q4	-	-	-	-	-
2013 Q1	-	-	-	-	-
Q2 Q3	<del>-</del>	<del>-</del>	<del>-</del> -	<del>-</del> -	-
Q4	_				_
2014 Q1	_	_	_	_	-
Q2 Q3	_	-	-	-	-
Q4	_	-		-	_
2015 Q1	_	-0.1	_	_	_
Q2	_	_	-	0.1	-
Q3 Q4	0.1	-0.5 	<del>-</del> 	0.1	
Percentage change, latest qu	ıarter on previous quarter				
2012 Q1	_	_	_	_	_
Q2 Q3	_		_	<del>-</del>	_
Q3 Q4	_	_	_	-	_
2013 Q1	_	_	_	_	_
Q2	-	_	-	-	-
Q3 Q4	_ _			-	_
2014 Q1	_	_	_	_	_
Q2	-	-	-	-	-
Q3 Q4	-	-	_	-	-
2015 Q1 Q2		−0.1 0.1	_	0.1	_
Q3	0.1	-0.5	-	_	-
Q4					
Percentage change, latest qu	larter on corresponding q	uarter of previous year			
2012 Q1 Q2				-	_
Q3	-	_			_
Q4	_	-	_	-	-
2013 Q1 Q2	-	-	-	-	-
Q3	-		_		-
Q4	_	-	_	-	-
2014 Q1	-	-		-	-
Q2 Q3	<del>-</del>	<del>-</del>	<del>-</del>	<del>-</del>	-
Q3 Q4		_		-	_
2015 Q1	_	-0.1	_	_	_
Q2	_	_	_	0.1	_
Q3 Q4	0.1	-0.5	-	0.1	-
<b>Q</b> 4					

	Administrative & Support Services					
	Construction Plant Hire 77.32	Employment Agencies 78.00	Security Services 80.11	Industrial Cleaning 81.22	Secretarial Services 82.10	Contract Packing 82.92
Annual						
2012	K8XQ –	K8XZ –	K8YH –	K8YQ –	K8Z2 -	K8Z9
2013	-	-	_	_	_	-
2014 2015			<del>-</del> 			-
Percentage change, lates	t year on previous year					
2012	-	-	-	_	-	-
2013 2014		_ _				_
2015						
Quarterly results (not sea	sonally adjusted)					
2012 Q1 Q2	_	-	-			_
Q3	_	_	_	_	_	_
Q4	-	_		-	_	_
2013 Q1 Q2	_	_	- -		_ _	_
Q3	_	_	_	_	_	_
Q4	_	_	-	-	-0.1	-
2014 Q1	-	-	-	-	-	-
Q2 Q3					<del>-</del>	_
Q4	_	-	-	-		-
2015 Q1	0.1	-	-	_		-
Q2 Q3	_ _	1.2	_ _	_ _		-0.4
Q4						
Percentage change, lates	t quarter on previous qua	rter				
2012 Q1 Q2			-	_		-
Q3		-				_
Q4	_	-	_	_	_	-
2013 Q1	-	-	-	-	-	-
Q2 Q3						_
Q4	_	-	_	_	-0.1	-
2014 Q1	_	-	-	_	0.1	-
Q2 Q3			_			_
Q3 Q4	-	-	-	-		-
2015 Q1	0.1	_	_	_		-
Q2 Q3	-0.1 -	1.2			**	-0.4
Q4						
Percentage change, lates	t quarter on correspondin	g quarter of previous ye	ear			
2012 Q1	-	-	_	_	-	-
Q2 Q3						-
Q3 Q4	-	-	-	-	-	-
2013 Q1	-	-	-	_	-	-
Q2 Q3	_ _					_
Q4	_	-	_	-	-0.1	-
2014 Q1	_	_	-	-	_	-
Q2 Q3	_ _	- -	_ _	_ _	<del>-</del> 	_
Q4	_	-	_	-		-
2015 Q1	0.1	_	_	_		_
Q2 Q3 Q4	-	- 1.2	-	-		- 0.4
· γυ	_	1.4	_	_		-0.4

continued	Education	2010 = 100 (SIC2007  Other Services		
	Adult Education	Commercial Washing & Dry Cleaning		
	85.59	96.01		
Annual	K8ZG	K8ZM		
2012	- -			
2013 2014	<del>-</del> -	<del>-</del> -		
2015	<del></del>	··		
Percentage change, latest year on	previous year			
2012	-	-		
2013 2014		- -		
2015				
Quarterly results (not seasonally a	djusted)			
2012 Q1	_	_		
Q2 Q3	<del>-</del>	- -		
Q3 Q4		- -		
2013 Q1	_	_		
Q2	<del>-</del> -	- -		
Q3 Q4	_ _	- -		
2014 Q1 Q2	- -	<del>-</del> -		
Q3	-	-		
Q4	-	-		
2015 Q1 Q2	-	-		
Q3	-	_ _		
Q4	·			
Percentage change, latest quarter	on previous quarter			
2012 Q1	-	-		
Q2 Q3	<del>-</del> -	- -		
Q4	-	-		
2013 Q1	-	-		
Q2 Q3		- -		
Q4	-	-		
2014 Q1	_	_		
Q2 Q3	-	-		
Q3 Q4	<u>-</u> -	_ 		
2015 Q1	_	_		
Q2	-	-		
Q3 Q4	<del>-</del> 	<del>-</del>		
	on corresponding quarter of previous year			
	on corresponding quarter or previous year			
2012 Q1 Q2	<del>-</del> -	- -		
Q3 Q4	-	-		
	_	_		
2013 Q1 Q2	<del>-</del> -	<del>-</del> -		
Q3	-	-		
Q4	-	-		
2014 Q1	-	-		
Q2 Q3	- -	- -		
Q4	-	-		
2015 Q1	-	-		
Q2	-	-		
Q3 Q4	<del>-</del> <del></del>	<del>-</del> <del>"</del>		