

Statistical bulletin

Services producer price inflation, UK: January to March 2017

Quarterly estimates of price changes for services provided by a limited range of UK services industries to other UK businesses and government.



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1 . Main points

- The headline rate of services producer price inflation, as estimated by the Services Producer Price Index (SPPI), continued to fall back in Quarter 1 (Jan to Mar) 2017 following steady growth across 2016.
- The annual rate of growth for SPPI rose 1.0% in Quarter 1 2017, which is down from 1.2% in Quarter 4 (Oct to Dec) 2016 and below average growth of 1.4% across 2016.
- The quarterly rate of growth increased 0.3% in Quarter 1 2017, which is up from Quarter 4 when the rate was flat.
- Prices for information and communication activities provided the largest upward contribution to the annual rate, mainly as a result of rising prices for book publishing services and business telecoms.
- Prices for accommodation and food service activities provided the largest downward contribution to the annual rate, mainly as a result of falling prices from licensed hotels and hotels with restaurants.

2 . Things you need to know about this release

The Services Producer Price Indices (SPPI) 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 service sector is estimated to account for around 78% of the UK economy based on its weight in gross domestic product (GDP). We do not produce an index for every industry in the service sector and so the SPPI is a partial, best estimate, of the overall inflation to UK businesses in the service sector. The SPPIs presented in this statistical bulletin are estimated to 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 SPPI coverage document. As resources allow, we will continue to review the existing indices and expand coverage through developing indices for new industries. As such, the 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 when deciding which indices best meet your needs.

Not all of the industry level indices used to construct the SPPI are [National Statistics](#).

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

All figures presented in this statistical bulletin are calculated on a gross sector basis unless otherwise stated and all index numbers exclude VAT. None of the indices presented in this bulletin are seasonally adjusted.

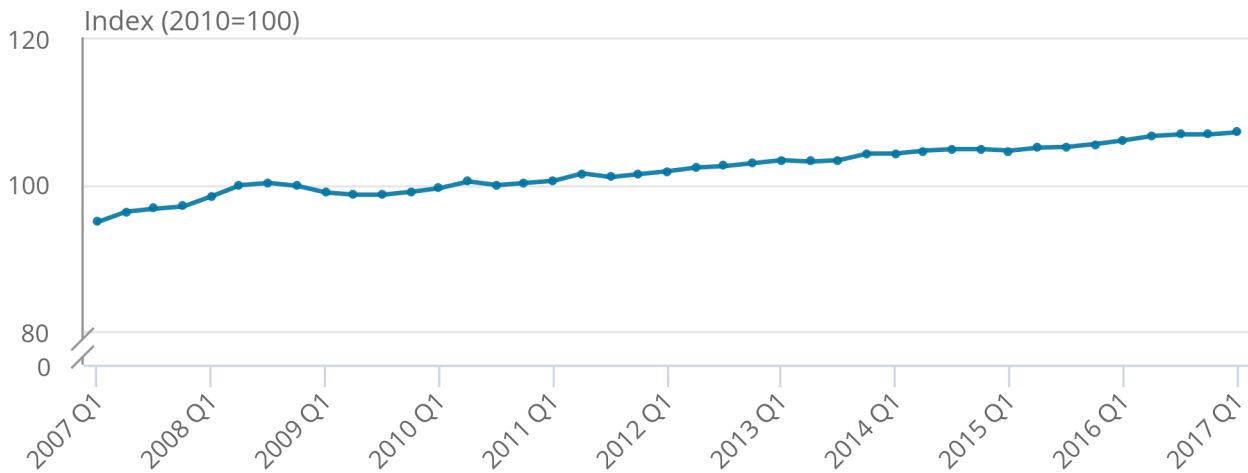
Every 5 years, services producer prices indices are rebased and their weights updated to reflect changes in industry.

3 . Services producer price inflation summary

Figure 1: Services Producer Price Index

Quarter 1 (Jan to Mar) 2007 to Quarter 1 (Jan to Mar) 2017, UK

Figure 1: Services Producer Price Index
Quarter 1 (Jan to Mar) 2007 to Quarter 1 (Jan to Mar) 2017, UK



Source: 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 Services Producer Price Index has reported positive growth for most of the period across the past 10 years. The fastest consecutive quarter-on-quarter growth was in the run-up to the downturn towards the end of 2008. Following the peak in Quarter 3 (July to Sept) 2008, the index fell 1.6% by Quarter 2 (Apr to June) 2009 before levelling off and starting to grow again.

Since Quarter 4 (Oct to Dec) 2008, when growth returned, the index has averaged quarter-on-quarter growth of 0.3%. Average growth across 2016 overall matched this trend, although has slowed since Quarter 2 2016.

4 . The annual rate of growth for SPPI has been slowing since Quarter 3 2016 and is currently below average increases seen across 2016

Table 1: Services producer prices

UK, Quarter 1 (Jan to Mar) 2017		Percentage change	
		1 Quarter	12 month
2015	Q4	0.4	0.7
2016	Q1	0.5	1.3
	Q2	0.6	1.5
	Q3	0.2	1.6
	Q4	0.0	1.2
2017	Q1	0.3	1.0

Source: Office for National Statistics

Notes:

1. Q1 refers to Quarter 1 (Jan to Mar), Q2 refers to Quarter 2 (Apr to June), Q3 refers to Quarter 3 (July to Sept) and Q4 refers to Quarter 4 (Oct to Dec).

The Services Producer Price Index (SPPI) rose 1.0% on the year to Quarter 1 (Jan to Mar) 2017, down from an increase of 1.2% on the year to Quarter 4 (Oct to Dec) of 2016. SPPI increased 0.3% between Quarter 4 2016 and Quarter 1 2017. The annual rate of growth has been slowing since Quarter 3 (July to Sept) 2016 and is currently below the average growth of 1.4% for 2016.

Of the 10 sections (as defined by the 2007 [Standard Industrial Classification](#)) that are combined to form SPPI, seven showed price increases for both the annual and quarterly rates.

Table 2: Services Producer Price Inflation 1-quarter and 12-month percentage change to Quarter 1 (Jan to Mar) 2017

UK

Service group	Percentage change	
	1 quarter	12 month
Water supply, sewerage and waste management	1.9	5.8
Repair and maintenance of motor vehicles	0.3	1.8
Transportation and storage	0.6	1.9
Accommodation and food	-1.6	-1.0
Information and communication	1.1	2.2
Real estate activities	0.6	1.7
Professional, scientific and technical activities	-0.6	-0.2
Administrative and support services	0.8	0.7
Education	1.1	0.3
Other services	-5.5	-3.8
SPPI	0.3	1.0

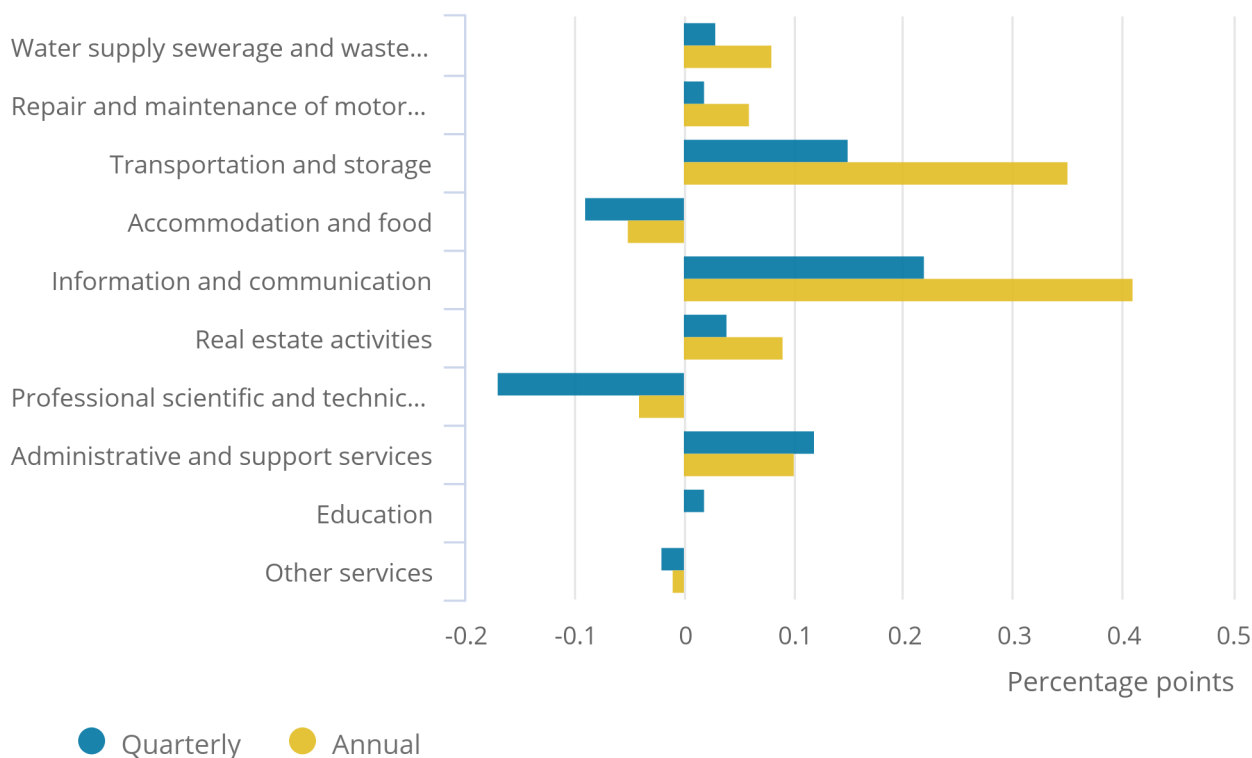
Source: Office for National Statistics

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.

Figure 2: Services Producer Price Index contribution to 1-quarter and 12-month growth rate Quarter 1 (Jan to Mar) 2017, UK

Figure 2: Services Producer Price Index contribution to 1-quarter and 12-month growth rate Quarter 1 (Jan to Mar) 2017, UK



Source: Office for National Statistics

Notes:

1. Not all of the industry-level indices used to construct the section-level indices are National Statistics.

Of the 10 SPPI sectors, six have shown an upward contribution to the annual growth rate and seven to the quarterly growth rate.

Information and communication services and transportation and storage services provided the largest and second-largest contributions to both annual and quarterly growth rates. Professional, scientific and technical services provided the largest downward contribution to the annual rate.

Prices for information and communication services had an annual growth rate of 2.2% (Table 2) and showed an upward contribution of 0.41 percentage points to the SPPI annual rate, while the quarterly rate was 1.1%, up from a fall of 0.9% in Quarter 4 2016. The largest contributor to growth was book publishing services, which increased by a record 5.1% on the quarter.

Transportation and storage service prices increased 1.9% on the year to Quarter 1 2017 (Table 2), the largest increase since Quarter 2 (Apr to June) 2011. This was driven mainly by a record increase of 7.1% in the prices of cargo handling, which has been growing throughout 2016. The quarter-on-quarter prices for transportation and storage also grew steadily throughout 2016 reaching a peak of 0.6% in Quarter 1 2017.

Professional, scientific and technical services decreased on the annual and quarterly rates by 0.2% and 0.6% respectively. This is the first time the index has seen a decrease on the year. The main contributor to the fall in both the annual and quarterly rates was engineering services.

5 . Links to related statistics

In addition to the data included within this statistical bulletin, the following detailed datasets are available:

Higher, lower and equal movements for each Services Producer Price Index are shown in the [SPPI Records](#).

A summary of the revisions to SPPI data are available in the [SPPI revision triangles](#).

Other important measures of inflation and prices include the Consumer Prices Index (CPI) and the [Producer Price Index \(PPI\)](#).

6 . Quality and methodology

The [SPPI Quality and Methodology information document](#) contains important information on:

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

If you would like more information about the reliability of the data, [an SPPI standard errors article](#) was published 28 July 2016. The article presented the calculated standard errors of the Services Producer Price Index (PPI) during the period Quarter 2 (Apr to June) 2012 to Quarter 1 (Jan to Mar) 2016, for both quarter-on-quarter and 12-month growth.

[Guidance on using indices in indexation clauses](#) (2015) has been published on our website. It covers producer prices, services producer prices and consumer prices.

Detailed information on the methods used to compile the SPPI is available in the [SPPI manual](#).

1 Services Producer Price Indices - Aggregate

2010=100 (SIC2007)

	Gross Sector ^{1,2,4}			Net Sector ^{1,3,4}		
	SPPI - All services			SPPI - All services		
	Index (2010=100)	percentage change over		Index (2010=100)	percentage change over	
Quarter		Year	Quarter		Year	
	9907010000			9907020000		
	K8ZU			K8ZW		
2013 Q2	103.1	-0.2	0.8	103.7	-0.1	0.9
Q3	103.3	0.2	0.8	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	104.8	-	0.6	105.4	-	0.7
2015 Q1	104.6	-0.2	0.4	105.4	-	0.6
Q2	105.0	0.4	0.4	105.7	0.3	0.5
Q3	105.1	0.1	0.3	105.7	-	0.3
Q4	105.5	0.4	0.7	106.2	0.5	0.8
2016 Q1	106.0	0.5	1.3	106.7	0.5	1.2
Q2	106.6	0.6	1.5	107.2	0.5	1.4
Q3	106.8	0.2	1.6	107.4	0.2	1.6
Q4	106.8p	-	1.2	107.4p	-	1.1
2017 Q1	107.1p	0.3	1.0	107.7p	0.3	0.9

p = provisional. r = revised

Source: Office for National Statistics

1 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.

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

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

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

2 Services Producer Price Indices - Section 1,2

2010=100 (SIC2007)

	Water Supply, Sewerage and Waste Management			Wholesale, Retail Trade; Repair of Motor Vehicles and Motorcycles		
	Index (2010=100)	percentage change over		Index (2010=100)	percentage change over	
		Quarter	Year		Quarter	Year
	9907101000			9907103000		
	MF8N			MF2J		
2013 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	97.1	-2.2	-7.8	114.7	0.3	1.9
Q4	93.9	-3.3	-9.4	115.0	0.3	1.8
2016 Q1	93.0	-1.0	-5.9	115.6	0.5	1.6
Q2	95.5	2.7	-3.8	116.3	0.6	1.7
Q3	95.5	-	-1.6	116.4	0.1	1.5
Q4	96.6p	1.2	2.9	117.3p	0.8	2.0
2017 Q1	98.4p	1.9	5.8	117.7p	0.3	1.8

	Transportation and Storage			Accommodation and Food		
	Index (2010=100)	percentage change over		Index (2010=100)	percentage change over	
		Quarter	Year		Quarter	Year
	9907104000			9907105000		
	MF2K			MF2L		
2013 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	107.3	-1.2	3.5
Q2	106.3	0.1	0.9	109.7	2.2	-1.2
Q3	106.4	0.1	0.9	109.6	-0.1	-1.0
Q4	106.7	0.3	0.9	109.6	-	0.9
2016 Q1	106.8	0.1	0.6	109.2	-0.4	1.8
Q2	107.1	0.3	0.8	109.8	0.5	0.1
Q3	107.6	0.5	1.1	111.8	1.8	2.0
Q4	108.1p	0.5	1.3	109.9p	-1.7	0.3
2017 Q1	108.8p	0.6	1.9	108.1p	-1.6	-1.0

p = provisional. r = revised

Source: Office for National Statistics

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.

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

2 Services Producer Price Indices - Section 1,2

continued

2010=100 (SIC2007)

	Information and Communication			Real Estate Activities		
	Index (2010=100)	percentage change over		Index (2010=100)	percentage change over	
		Quarter	Year		Quarter	Year
	9907106000			9907108000		
	MF2M			MF8P		
2013 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	99.3	0.3	-0.5	103.4	0.9	3.5
2015 Q1	97.6	-1.7	-1.1	103.9	0.5	3.3
Q2	97.7	0.1	-0.2	105.6	1.6	4.1
Q3	98.3	0.6	-0.7	106.7	1.0	4.1
Q4	98.4r	0.1	-0.9	108.0	1.2	4.4
2016 Q1	99.0	0.6	1.4	108.8	0.7	4.7
Q2	100.8	1.8	3.2	109.7	0.8	3.9
Q3	101.0	0.2	2.7	109.7	-	2.8
Q4	100.1p	-0.9	1.7	110.0p	0.3	1.9
2017 Q1	101.2p	1.1	2.2	110.7p	0.6	1.7

	Professional, Scientific and Technical Activities			Administrative and Support Services		
	Index (2010=100)	percentage change over		Index (2010=100)	percentage change over	
		Quarter	Year		Quarter	Year
	9907109000			9907110000		
	MF8Q			MF8R		
2013 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	109.4	0.6	0.8	102.0	-	-0.6
Q2	109.7	0.3	1.0	102.2	0.2	-0.5
Q3	109.5	-0.2	0.6	101.3	-0.9	-0.7
Q4	110.2	0.6	1.3	102.4	1.1	0.4
2016 Q1	111.4	1.1	1.8	102.0	-0.4	-
Q2	111.6	0.2	1.7	102.0	-	-0.2
Q3	111.6	-	1.9	102.0	-	0.7
Q4	111.9p	0.3	1.5	101.9p	-0.1	-0.5
2017 Q1	111.2p	-0.6	-0.2	102.7p	0.8	0.7

p = provisional. r = revised

Source: Office for National Statistics

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.

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

2 Services Producer Price Indices - Section 1,2

continued

2010=100 (SIC2007)

	Education			Other Services		
	Index (2010=100)	percentage change over		Index (2010=100)	percentage change over	
		Quarter	Year		Quarter	Year
	9907113000			9907116000		
	MF8S			MF8T		
2013 Q2	101.9	–	1.5	101.7	0.2	–
Q3	102.7	0.8	2.7	102.1	0.4	1.5
Q4	102.7	–	2.7	102.1	–	1.5
2014 Q1	104.1	1.4	2.2	102.1	–	0.6
Q2	104.2	0.1	2.3	102.8	0.7	1.1
Q3	104.2	–	1.5	102.8	–	0.7
Q4	102.8	–1.3	0.1	102.8	–	0.7
2015 Q1	103.2	0.4	–0.9	103.6	0.8	1.5
Q2	103.4	0.2	–0.8	103.9	0.3	1.1
Q3	104.5	1.1	0.3	104.0	0.1	1.2
Q4	104.5	–	1.7	104.3	0.3	1.5
2016 Q1	105.5	1.0	2.2	104.6	0.3	1.0
Q2	105.0	–0.5	1.5	106.9	2.2	2.9
Q3	104.8	–0.2	0.3	106.9	–	2.8
Q4	104.7p	–0.1	0.2	106.5p	–0.4	2.1
2017 Q1	105.8p	1.1	0.3	100.6p	–5.5	–3.8

p = provisional. r = revised

Source: Office for National Statistics

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.

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

3 Services Producer Price Indices - Industry

2010 = 100 (SIC2007)

	Water Supply, Sewerage and Waste Management			Wholesale, Retail Trade; Repair of Motor Vehicles and Motorcycles
	Sewerage Services ¹ 37.00	Waste Disposal 38.11	Sorted Recovered Materials Services 38.32	Motor Vehicles 45.20
Annual				
	K8PX	K8Q3	K8QL	K8QW
2013	121.0	106.8	102.7	109.5
2014	124.8	108.6	91.4	112.4
2015	123.6	104.5	73.0	114.5
2016	121.0	104.5	66.1	116.4
Percentage change, latest year on previous year				
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
2016	-2.1	-	-9.5	1.7
Quarterly results (not seasonally adjusted)				
2013 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	122.8	104.8	72.0B	114.7
Q4	122.8	104.7r	60.7B	115.0
2016 Q1	122.8	104.8	57.0B	115.6
Q2	120.4	104.3	67.7B	116.3
Q3	120.4	104.7	67.1B	116.4
Q4	120.4p	104.0p	72.5pB	117.3p
2017 Q1	120.4p	104.5p	77.7pB	117.7p
Percentage change, latest quarter on previous quarter				
2013 Q2	2.5	2.4	-1.5	0.7
Q3	-	-0.4	-9.6	0.3
Q4	-	-0.1	0.9	0.8
2014 Q1	-	0.7	-3.1	1.3
Q2	3.5	1.5	-1.4	0.2
Q3	-	-0.9	-1.5	0.4
Q4	-	0.1	-7.3	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	-	-0.1	-15.7	0.3
2016 Q1	-	0.1	-6.1	0.5
Q2	-2.0	-0.5	18.8	0.6
Q3	-	0.4	-0.9	0.1
Q4	-	-0.7	8.0	0.8
2017 Q1	-	0.5	7.2	0.3
Percentage change, latest quarter on corresponding quarter of previous year				
2013 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	-3.6	-28.9	1.8
2016 Q1	-2.5	0.8	-27.8	1.6
Q2	-2.0	-0.3	-15.6	1.7
Q3	-2.0	-0.1	-6.8	1.5
Q4	-2.0	-0.7	19.4	2.0
2017 Q1	-2.0	-0.3	36.3	1.8

3 Services Producer Price Indices - Industry

continued

2010 = 100 (SIC2007)

	Transportation and Storage					
	Business Rail Fares ¹ 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
2013	114.9	105.4	104.6	104.5	102.8	100.1
2014	118.0	106.0	106.8	104.8	116.8	103.6
2015	120.6	105.1	109.4	104.6	116.8	110.4
2016	121.4	106.1	110.1	104.8	113.5	116.2
Percentage change, latest year on previous year						
2013	4.4	1.7	1.1	0.1	0.6	-3.8
2014	2.7	0.6	2.1	0.3	13.6	3.5
2015	2.2	-0.8	2.4	-0.2	-	6.6
2016	0.7	1.0	0.6	0.2	-2.8	5.3
Quarterly results (not seasonally adjusted)						
2013 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	104.5	116.4	109.9
Q3	120.6	105.4F	109.5	104.5	116.6	114.1
Q4	120.6	104.8F	109.6	104.7	117.6	114.9
2016 Q1	121.4	104.5F	109.8	105.0	112.1	115.1
Q2	121.4	105.9F	110.2	105.0	112.0	115.6
Q3	121.4	107.0F	110.2	104.5	114.5	116.8
Q4	121.4p	107.2pF	110.2p	104.7p	115.5p	117.5p
2017 Q1	122.9p	108.3pF	110.6p	105.0p	115.6p	118.4p
Percentage change, latest quarter on previous quarter						
2013 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	-0.3	-0.2	6.8
Q3	-	-0.1	0.1	-	0.2	3.8
Q4	-	-0.6	0.1	0.2	0.9	0.7
2016 Q1	0.7	-0.3	0.2	0.3	-4.7	0.2
Q2	-	1.3	0.4	-	-0.1	0.4
Q3	-	1.0	-	-0.5	2.2	1.0
Q4	-	0.2	-	0.2	0.9	0.6
2017 Q1	1.2	1.0	0.4	0.3	0.1	0.8
Percentage change, latest quarter on corresponding quarter of previous year						
2013 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	-0.3	-1.0	5.8
Q3	2.2	-1.0	2.7	-0.4	0.2	10.1
Q4	2.2	-1.0	2.0	-0.1	2.0	8.9
2016 Q1	0.7	-0.3	0.5	0.2	-3.9	11.9
Q2	0.7	0.4	0.7	0.5	-3.8	5.2
Q3	0.7	1.5	0.6	-	-1.8	2.4
Q4	0.7	2.3	0.5	-	-1.8	2.3
2017 Q1	1.2	3.6	0.7	-	3.1	2.9

3 Services Producer Price Indices - Industry

continued

2010 = 100 (SIC2007)

	Transportation and Storage					
	Business Air Fares 51.11	Storage & Warehousing ² 52.10	Cargo Handling ² 52.24	Freight Forwarding 52.29	National Post Parcels ¹ 53.10	Courier Services 53.20
Annual						
	K8S9	KS7Z	KHU3	K8SD	K8SW	K8SY
2013	116.2	108.7	110.9	98.8	101.0	98.6
2014	121.2	107.4	112.5	97.1	105.2	99.6
2015	126.6	107.3	111.5	94.5	105.4	101.6
2016	130.2	107.7	114.4	94.8	105.1	103.8
Percentage change, latest year on previous year						
2013	5.4	–	4.7	0.9	2.7	–1.4
2014	4.3	–1.2	1.4	–1.7	4.2	1.0
2015	4.5	–0.1	–0.9	–2.7	0.2	2.0
2016	2.8	0.4	2.6	0.3	–0.3	2.2
Quarterly results (not seasonally adjusted)						
2013 Q2	115.6F	109.7	110.8	97.0	101.7	98.8
Q3	116.6F	110.9	111.0	99.1	101.7	98.3
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	99.3
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	95.7	106.4	100.7
Q2	126.4F	107.7	111.8	94.5	105.1	101.3
Q3	126.7F	106.9	111.6	94.0	105.1	101.3
Q4	127.2F	107.1	111.4	93.9	105.1	102.9
2016 Q1	127.6F	107.4	111.4	93.8	105.1	103.7
Q2	128.1F	107.7	112.2	94.0	105.1	104.2
Q3	131.6F	107.8	116.4	95.0	105.1	104.2
Q4	133.4pF	107.8p	117.6p	96.3p	105.1p	103.0p
2017 Q1	135.3pF	106.8p	119.3p	98.1p	105.1p	104.5p
Percentage change, latest quarter on previous quarter						
2013 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
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	–	0.7
Q4	2.1	–0.7	–0.4	–0.2	–	–0.3
2015 Q1	2.0	1.1	–0.7	–1.4	–	1.0
Q2	0.2	–	0.4	–1.3	–1.2	0.6
Q3	0.2	–0.7	–0.2	–0.5	–	–
Q4	0.4	0.2	–0.2	–0.1	–	1.6
2016 Q1	0.3	0.3	–	–0.1	–	0.8
Q2	0.4	0.3	0.7	0.2	–	0.5
Q3	2.7	0.1	3.7	1.1	–	–
Q4	1.4	–	1.0	1.4	–	–1.2
2017 Q1	1.4	–0.9	1.4	1.9	–	1.5
Percentage change, latest quarter on corresponding quarter of previous year						
2013 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	–2.0	4.6	0.9
2015 Q1	5.4	–0.4	–1.2	–1.7	4.6	1.4
Q2	4.6	–	–0.8	–2.3	–1.2	2.0
Q3	4.7	–0.3	–0.9	–3.4	–1.2	1.3
Q4	2.9	0.6	–0.7	–3.3	–1.2	3.2
2016 Q1	1.2	–0.3	–	–2.0	–1.2	3.0
Q2	1.3	–	0.4	–0.5	–	2.9
Q3	3.9	0.8	4.3	1.1	–	2.9
Q4	4.9	0.7	5.6	2.6	–	0.1
2017 Q1	6.0	–0.6	7.1	4.6	–	0.8

p = provisional. r = revised

F = values are calculated using price quotes from 5 or fewer respondents

3 Services Producer Price Indices - Industry

continued

2010 = 100 (SIC2007)

	Accommodation & Food		Information & Communication				Banking
	Hotels	Canteens & Catering	Publishing Services	Sound Recording & Music Publishing	Business Telecommunications ¹	Computer Services	Financial Intermediation (Banks) ¹
	55.10	56.20	58.10	59.20	61.10	62.00	64.19/1
Annual							
	K8TE	K8TP	K8TV	K8UF	K8UI	K8UK	KB2S
2013	106.0	106.5	113.1	97.7	84.8	101.8	94.4
2014	108.2	108.9	119.3	93.2	83.0	100.5	90.1
2015	107.8	110.6	122.2	92.5	78.7	100.5	87.5
2016	108.5	112.3	126.4	92.2	81.8	101.7	86.8
Percentage change, latest year on previous year							
2013	3.6	3.3	4.0	-	-2.8	0.9	-5.8
2014	2.1	2.3	5.5	-4.6	-2.1	-1.3	-4.6
2015	-0.4	1.6	2.4	-0.8	-5.2	-	-2.9
2016	0.6	1.5	3.4	-0.3	3.9	1.2	-0.8
Quarterly results (not seasonally adjusted)							
2013 Q2	99.5	106.0	112.2B	98.3B	83.7	101.8	96.1
Q3	104.3	106.1	114.0B	98.1B	81.8	101.9	93.8
Q4	114.3	107.9	115.3B	96.1B	87.0	101.7	88.8
2014 Q1	100.0	108.4	117.8B	93.9B	83.6	100.6	90.9
Q2	112.6	109.0	118.7B	93.0B	80.1	100.6	90.5
Q3	112.2	108.7	120.2B	93.0B	83.2	100.7	91.8
Q4	107.9	109.4	120.4B	93.0B	85.0	100.2	87.3
2015 Q1	104.5	110.8	121.3B	93.0B	78.3	100.2	88.0
Q2	108.6	111.1	122.0B	93.0B	77.8	100.4	89.3
Q3	109.2	110.1	122.3B	92.1B	79.3	100.7	88.2
Q4	108.8	110.5	123.1B	92.0B	79.4	100.6	84.7
2016 Q1	107.1	111.7	125.3B	92.2B	78.1	101.6	86.4
Q2	108.0	112.1	126.2B	92.2B	83.6	101.9	87.1
Q3	110.9	112.8	126.7B	92.2B	82.4	102.6	86.7
Q4	107.8p	112.6p	127.3pB	92.2pB	83.1p	100.5p	87.2p
2017 Q1	105.4p	111.6p	133.8pB	92.2pB	83.1p	100.5p	87.9p
Percentage change, latest quarter on previous quarter							
2013 Q2	-6.1	0.1	1.3	0.2	-3.5	0.1	-2.9
Q3	4.8	0.1	1.6	-0.2	-2.3	0.1	-2.4
Q4	9.6	1.7	1.1	-2.0	6.4	-0.2	-5.3
2014 Q1	-12.5	0.5	2.2	-2.3	-3.9	-1.1	2.4
Q2	12.6	0.6	0.8	-1.0	-4.2	-	-0.4
Q3	-0.4	-0.3	1.3	-	3.9	0.1	1.4
Q4	-3.8	0.6	0.2	-	2.2	-0.5	-4.9
2015 Q1	-3.2	1.3	0.7	-	-7.9	-	0.8
Q2	3.9	0.3	0.6	-	-0.6	0.2	1.5
Q3	0.6	-0.9	0.2	-1.0	1.9	0.3	-1.2
Q4	-0.4	0.4	0.7	-0.1	0.1	-0.1	-4.0
2016 Q1	-1.6	1.1	1.8	0.2	-1.6	1.0	2.0
Q2	0.8	0.4	0.7	-	7.0	0.3	0.8
Q3	2.7	0.6	0.4	-	-1.4	0.7	-0.5
Q4	-2.8	-0.2	0.5	-	0.8	-2.0	0.6
2017 Q1	-2.2	-0.9	5.1	-	-	-	0.8
Percentage change, latest quarter on corresponding quarter of previous year							
2013 Q2	-1.4	3.2	3.3	0.6	-3.9	0.9	-6.5
Q3	5.9	3.1	4.5	0.7	-7.0	1.0	-9.8
Q4	2.2	3.3	5.1	-1.6	0.8	0.9	-4.3
2014 Q1	-5.7	2.4	6.3	-4.3	-3.6	-1.1	-8.2
Q2	13.2	2.8	5.8	-5.4	-4.3	-1.2	-5.8
Q3	7.6	2.5	5.4	-5.2	1.7	-1.2	-2.1
Q4	-5.6	1.4	4.4	-3.2	-2.3	-1.5	-1.7
2015 Q1	4.5	2.2	3.0	-1.0	-6.3	-0.4	-3.2
Q2	-3.6	1.9	2.8	-	-2.9	-0.2	-1.3
Q3	-2.7	1.3	1.7	-1.0	-4.7	-	-3.9
Q4	0.8	1.0	2.2	-1.1	-6.6	0.4	-3.0
2016 Q1	2.5	0.8	3.3	-0.9	-0.3	1.4	-1.8
Q2	-0.6	0.9	3.4	-0.9	7.5	1.5	-2.5
Q3	1.6	2.5	3.6	0.1	3.9	1.9	-1.7
Q4	-0.9	1.9	3.4	0.2	4.7	-0.1	3.0
2017 Q1	-1.6	-0.1	6.8	-	6.4	-1.1	1.7

p = provisional. r = revised

3 Services Producer Price Indices - Industry

continued

2010 = 100 (SIC2007)

	Real Estate Activities		Professional Scientific & Technical Activities				
	Property Rentals ¹ 68.20	Real Estate Agencies 68.30	Legal Services ² 69.10	Accountancy ² 69.20	Business Management Consultancy ² 70.22	Architectural Services ² 71.11	Engineering & Related Services ² 71.12
Annual							
	K8VA	K8VC	KHW5	KHX6	KOP4	KHY2	KHY7
2013	98.9	101.8	106.3	106.2	106.2	103.2	104.9
2014	98.9	108.9	110.3	109.5	104.4	104.4	107.6
2015	99.9	119.7	112.8	112.8	103.0	106.3	108.4
2016	102.0	126.2	116.3	115.4	105.5	109.2	109.3
Percentage change, latest year on previous year							
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	1.0	9.9	2.3	3.0	-1.3	1.8	0.7
2016	2.1	5.4	3.1	2.3	2.4	2.7	0.8
Quarterly results (not seasonally adjusted)							
2013 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	113.8	111.6	113.3	103.0	105.8	108.0
Q2	99.4	119.3	112.6	112.4	103.1	106.1	108.7
Q3	99.9	121.6	113.2	112.1	102.8	106.5	108.3
Q4	100.8	124.0	113.9	113.3	103.3	107.0r	108.5
2016 Q1	101.3	125.5	115.7	115.7	105.9	108.0	108.4
Q2	101.7	127.3	114.9	114.7	106.0	109.5	109.2
Q3	102.3	126.0	116.8	116.7	104.5	109.6	109.6
Q4	102.8p	126.1p	117.8p	114.3p	105.7p	109.5p	109.8p
2017 Q1	103.4p	127.0p	118.0p	115.8p	106.4p	109.2p	105.1p
Percentage change, latest quarter on previous quarter							
2013 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	1.0	0.1	2.2	0.4	1.2	0.1
Q2	-	4.8	0.9	-0.8	0.1	0.3	0.6
Q3	0.5	1.9	0.5	-0.3	-0.3	0.4	-0.4
Q4	0.9	2.0	0.6	1.1	0.5	0.5	0.2
2016 Q1	0.5	1.2	1.6	2.1	2.5	0.9	-0.1
Q2	0.4	1.4	-0.7	-0.9	0.1	1.4	0.7
Q3	0.6	-1.0	1.7	1.7	-1.4	0.1	0.4
Q4	0.5	0.1	0.9	-2.1	1.1	-0.1	0.2
2017 Q1	0.6	0.7	0.2	1.3	0.7	-0.3	-4.3
Percentage change, latest quarter on corresponding quarter of previous year							
2013 Q2	-0.5	0.2	2.7	3.3	-0.5	3.2	1.4
Q3	-2.5	1.2	1.7	1.8	-0.4	3.7	2.3
Q4	-2.1	2.8	2.4	2.1	-	1.0	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	7.9	2.0	4.0	-3.2	1.8	0.9
Q2	0.7	11.1	2.2	3.4	-1.8	1.2	0.9
Q3	0.8	10.4	2.8	2.5	-0.8	2.0	0.5
Q4	1.6	10.0	2.2	2.2	0.7	2.4	0.6
2016 Q1	1.9	10.3	3.7	2.1	2.8	2.1	0.4
Q2	2.3	6.7	2.0	2.0	2.8	3.2	0.5
Q3	2.4	3.6	3.2	4.1	1.7	2.9	1.2
Q4	2.0	1.7	3.4	0.9	2.3	2.3	1.2
2017 Q1	2.1	1.2	2.0	0.1	0.5	1.1	-3.0

p = provisional. r = revised

3 Services Producer Price Indices - Industry

continued

2010 = 100 (SIC2007)

Professional Scientific & Technical Activities

	Technical Testing & Analysis 71.20	Advertising Services ¹ 73.12	Market Research 73.20	Commercial Film Processing 74.20	Translation & Interpretation Services 74.30
Annual					
	K8WD	KOQ5	K8X7	K8XC	K8XI
2013	105.6	99.8	101.9	108.2	100.6
2014	107.1	102.8	103.3	110.1	100.6
2015	108.1	104.1	105.8	115.8	101.3
2016	109.4	104.8	107.4	117.7	102.6
Percentage change, latest year on previous year					
2013	1.5	0.1	0.8	5.0	0.7
2014	1.4	3.0	1.4	1.8	-
2015	0.9	1.3	2.4	5.2	0.7
2016	1.2	0.7	1.5	1.6	1.3
Quarterly results (not seasonally adjusted)					
2013 Q2	105.5	99.3	101.9	110.0F	101.0
Q3	106.0	101.5	101.9	110.0F	100.7
Q4	105.9	101.5	101.9	110.0F	100.7
2014 Q1	106.8	100.8	102.8	110.0F	100.6
Q2	107.0	101.7	102.8	110.1F	100.6
Q3	107.3	104.8	103.6	110.1F	100.6
Q4	107.4	103.8	104.2	110.1F	100.6
2015 Q1	107.9	103.4	105.5	110.1F	100.6
Q2	108.7	103.5	106.0	117.7F	101.6
Q3	107.9	103.9	105.9	117.7F	101.6
Q4	108.0	105.4	105.9	117.7F	101.6
2016 Q1	108.9	104.3	107.4	117.8F	102.7
Q2	109.1	105.8	107.4	117.8F	102.7
Q3	109.7	104.1	107.4	117.9F	102.7
Q4	109.9p	105.2p	107.4p	117.3pF	102.2p
2017 Q1	110.8p	105.7p	108.2p	117.3pF	102.2p
Percentage change, latest quarter on previous quarter					
2013 Q2	0.6	2.4	-	6.8	0.8
Q3	0.5	2.2	-	-	-0.3
Q4	-0.1	-	-	-	-
2014 Q1	0.8	-0.7	0.9	-	-0.1
Q2	0.2	0.9	-	0.1	-
Q3	0.3	3.0	0.8	-	-
Q4	0.1	-1.0	0.6	-	-
2015 Q1	0.5	-0.4	1.2	-	-
Q2	0.7	0.1	0.5	6.9	1.0
Q3	-0.7	0.4	-0.1	-	-
Q4	0.1	1.4	-	-	-
2016 Q1	0.8	-1.0	1.4	0.1	1.1
Q2	0.2	1.4	-	-	-
Q3	0.5	-1.6	-	0.1	-
Q4	0.2	1.1	-	-0.5	-0.5
2017 Q1	0.8	0.5	0.7	-	-
Percentage change, latest quarter on corresponding quarter of previous year					
2013 Q2	1.7	0.7	0.8	6.8	1.1
Q3	1.3	1.8	0.7	6.8	0.8
Q4	1.2	-0.7	0.8	6.8	0.8
2014 Q1	1.8	3.9	0.9	6.8	0.4
Q2	1.4	2.4	0.9	0.1	-0.4
Q3	1.2	3.3	1.7	0.1	-0.1
Q4	1.4	2.3	2.3	0.1	-0.1
2015 Q1	1.0	2.6	2.6	0.1	-
Q2	1.6	1.8	3.1	6.9	1.0
Q3	0.6	-0.9	2.2	6.9	1.0
Q4	0.6	1.5	1.6	6.9	1.0
2016 Q1	0.9	0.9	1.8	7.0	2.1
Q2	0.4	2.2	1.3	0.1	1.1
Q3	1.7	0.2	1.4	0.2	1.1
Q4	1.8	-0.2	1.4	-0.3	0.6
2017 Q1	1.7	1.3	0.7	-0.4	-0.5

3 Services Producer Price Indices - Industry

continued

2010 = 100 (SIC2007)

	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						
	K8XQ	K8XZ	K8YH	K8YQ	K8Z2	K8Z9
2013	105.0	102.1	97.6	101.9	103.0	100.8
2014	107.1	102.6	97.4	103.2	104.0	101.0
2015	107.5	102.2	96.6	103.4	103.5	100.1
2016	107.0	101.7	97.3	104.7	106.0	104.4
Percentage change, latest year on previous year						
2013	2.0	0.8	-1.8	0.9	1.3	1.9
2014	2.0	0.5	-0.2	1.3	1.0	0.2
2015	0.4	-0.4	-0.8	0.2	-0.5	-0.9
2016	-0.5	-0.5	0.7	1.3	2.4	4.3
Quarterly results (not seasonally adjusted)						
2013 Q2	104.6	101.7	96.9	101.0	102.9	100.9
Q3	105.2	101.6	96.9	102.0	103.2	100.9
Q4	105.7	103.0	97.2	103.2	103.6	101.0
2014 Q1	106.4	103.1	97.2	103.4	104.1	101.1
Q2	107.4	103.0	97.5	103.9	103.9	101.0
Q3	107.3	102.0	97.4	103.6	104.0	101.1
Q4	107.3	102.2	97.4	102.1	104.0	101.0
2015 Q1	107.5	102.4	96.4	102.6	103.4	100.0
Q2	107.1	102.7	96.3	103.0	103.2	99.9
Q3	107.2	101.2	96.7	103.5	103.9	100.3
Q4	108.0	102.5	96.9r	104.6	103.6	100.2
2016 Q1	107.6	101.6	97.1	104.9	105.7	104.3
Q2	106.9	101.7	97.4	104.9	106.3	104.4
Q3	106.1	101.7	97.3	104.8	106.1	104.4
Q4	107.2p	101.6p	97.4p	104.3p	105.9p	104.4p
2017 Q1	107.3p	102.4p	97.3p	107.6p	106.5p	104.7p
Percentage change, latest quarter on previous quarter						
2013 Q2	-0.1	-0.2	-2.5	-0.3	0.7	0.4
Q3	0.6	-0.1	-	1.0	0.3	-
Q4	0.5	1.4	0.3	1.2	0.4	0.1
2014 Q1	0.7	0.1	-	0.2	0.5	0.1
Q2	0.9	-0.1	0.3	0.5	-0.2	-0.1
Q3	-0.1	-1.0	-0.1	-0.3	0.1	0.1
Q4	-	0.2	-	-1.4	-	-0.1
2015 Q1	0.2	0.2	-1.0	0.5	-0.6	-1.0
Q2	-0.4	0.3	-0.1	0.4	-0.2	-0.1
Q3	0.1	-1.5	0.4	0.5	0.7	0.4
Q4	0.7	1.3	0.2	1.1	-0.3	-0.1
2016 Q1	-0.4	-0.9	0.2	0.3	2.0	4.1
Q2	-0.7	0.1	0.3	-	0.6	0.1
Q3	-0.7	-	-0.1	-0.1	-0.2	-
Q4	1.0	-0.1	0.1	-0.5	-0.2	-
2017 Q1	0.1	0.8	-0.1	3.2	0.6	0.3
Percentage change, latest quarter on corresponding quarter of previous year						
2013 Q2	2.1	0.8	-2.6	0.3	1.6	2.3
Q3	1.4	-0.4	-2.3	0.9	1.1	1.7
Q4	2.2	1.0	-2.2	1.9	1.6	1.7
2014 Q1	1.6	1.2	-2.2	2.1	1.9	0.6
Q2	2.7	1.3	0.6	2.9	1.0	0.1
Q3	2.0	0.4	0.5	1.6	0.8	0.2
Q4	1.5	-0.8	0.2	-1.1	0.4	-
2015 Q1	1.0	-0.7	-0.8	-0.8	-0.7	-1.1
Q2	-0.3	-0.3	-1.2	-0.9	-0.7	-1.1
Q3	-0.1	-0.8	-0.7	-0.1	-0.1	-0.8
Q4	0.7	0.3	-0.5	2.4	-0.4	-0.8
2016 Q1	0.1	-0.8	0.7	2.2	2.2	4.3
Q2	-0.2	-1.0	1.1	1.8	3.0	4.5
Q3	-1.0	0.5	0.6	1.3	2.1	4.1
Q4	-0.7	-0.9	0.5	-0.3	2.2	4.2
2017 Q1	-0.3	0.8	0.2	2.6	0.8	0.4

3 Services Producer Price Indices - Industry

continued

2010 = 100 (SIC2007)

	Education	Other Services
	Adult Education 85.59	Commercial Washing & Dry Cleaning 96.01
Annual		
	K8ZG	K8ZM
2013	102.3	101.8
2014	103.8	102.6
2015	103.9	104.0
2016	105.0	106.2
Percentage change, latest year on previous year		
2013	2.1	0.7
2014	1.5	0.8
2015	0.1	1.4
2016	1.1	2.1
Quarterly results (not seasonally adjusted)		
2013 Q2	101.9	101.7
Q3	102.7	102.1
Q4	102.7	102.1
2014 Q1	104.1	102.1
Q2	104.2	102.8
Q3	104.2	102.8
Q4	102.8	102.8
2015 Q1	103.2	103.6
Q2	103.4	103.9
Q3	104.5	104.0
Q4	104.5	104.3
2016 Q1	105.5	104.6
Q2	105.0	106.9
Q3	104.8	106.9
Q4	104.7p	106.5p
2017 Q1	105.8p	100.6p
Percentage change, latest quarter on previous quarter		
2013 Q2	-	0.2
Q3	0.8	0.4
Q4	-	-
2014 Q1	1.4	-
Q2	0.1	0.7
Q3	-	-
Q4	-1.3	-
2015 Q1	0.4	0.8
Q2	0.2	0.3
Q3	1.1	0.1
Q4	-	0.3
2016 Q1	1.0	0.3
Q2	-0.5	2.2
Q3	-0.2	-
Q4	-0.1	-0.4
2017 Q1	1.1	-5.5
Percentage change, latest quarter on corresponding quarter of previous year		
2013 Q2	1.5	-
Q3	2.7	1.5
Q4	2.7	1.5
2014 Q1	2.2	0.6
Q2	2.3	1.1
Q3	1.5	0.7
Q4	0.1	0.7
2015 Q1	-0.9	1.5
Q2	-0.8	1.1
Q3	0.3	1.2
Q4	1.7	1.5
2016 Q1	2.2	1.0
Q2	1.5	2.9
Q3	0.3	2.8
Q4	0.2	2.1
2017 Q1	0.3	-3.8

1R Services Producer Price Indices - Aggregate Revisions

2010=100 (SIC2007)

	Gross Sector			Net Sector		
	SPPI - All services			SPPI - All services		
	Index (2010=100)	percentage change over		Index (2010=100)	percentage change over	
		Quarter	Year		Quarter	Year
	9907010000			9907020000		
	K8ZU			K8ZW		
2013 Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2014 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2015 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2016 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-0.2	-0.2	-0.2	-0.2	-0.2	-0.2
2017 Q1	..	..	..	..	..	..

Source: Office for National Statistics

	Information and Communication			Real Estate Activities		
	Index 2010=100	percentage change over		Index 2010=100	percentage change over	
		Quarter	Year		Quarter	Year
	9907106000			9907108000		
	MF2M			MF8P		
2013 Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2014 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2015 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2016 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-0.8	-0.8	-0.8	-	-	-
2017 Q1	..	..	..	..	..	..

	Professional, Scientific and Technical Activities			Administrative and Support Services		
	Index 2010=100	percentage change over		Index 2010=100	percentage change over	
		Quarter	Year		Quarter	Year
	9907109000			9907110000		
	MF8Q			MF8R		
2013 Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2014 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2015 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2016 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	0.1	0.1	-	-	-	-
2017 Q1	..	..	..	..	..	..

Source: Office for National Statistics

	Education			Other Services		
	Index 2010=100	percentage change over		Index 2010=100	percentage change over	
		Quarter	Year		Quarter	Year
	9907113000			9907116000		
	MF8S			MF8T		
2013 Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2014 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2015 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2016 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2017 Q1	..	..	..	..	..	..

Source: Office for National Statistics

3R Services Producer Prices Indices - Industry Revisions

2010 = 100 (SIC2007)

	Water Supply, Sewerage and Waste 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				
	K8PX	K8Q3	K8QL	K8QW
2013	-	-	-	-
2014	-	-	-	-
2015	-	-	-	-
2016	-	-0.1	0.1	-
Percentage change, latest year on previous year				
2013	-	-	-	-
2014	-	-	-	-
2015	-	-	-	-
2016	-	-0.1	0.1	-
Quarterly results (not seasonally adjusted)				
2013 Q2	-	-	-	-
Q3	-	-	-	-
Q4	-	-	-	-
2014 Q1	-	-	-	-
Q2	-	-	-	-
Q3	-	-	-	-
Q4	-	-	-	-
2015 Q1	-	-	-	-
Q2	-	-	-	-
Q3	-	-	-	-
Q4	-	-	-	-
2016 Q1	-	-	-	-
Q2	-	-	-	-
Q3	-	-	-	-
Q4	-	-0.5	0.3	-
2017 Q1	..	..	..	..
Percentage change, latest quarter on previous quarter				
2013 Q2	-	-	-	-
Q3	-	-	-	-
Q4	-	-	-	-
2014 Q1	-	-	-	-
Q2	-	-	-	-
Q3	-	-	-	-
Q4	-	-	-	-
2015 Q1	-	-	-	-
Q2	-	-	-	-
Q3	-	-	-	-
Q4	-	-	-	-
2016 Q1	-	-	-	-
Q2	-	-	-	-
Q3	-	-	-	-
Q4	-	-0.5	0.4	-
2017 Q1	..	..	..	..
Percentage change, latest quarter on corresponding quarter of previous year				
2013 Q2	-	-	-	-
Q3	-	-	-	-
Q4	-	-	-	-
2014 Q1	-	-	-	-
Q2	-	-	-	-
Q3	-	-	-	-
Q4	-	-	-	-
2015 Q1	-	-	-	-
Q2	-	-	-	-
Q3	-	-	-	-
Q4	-	-	-	-
2016 Q1	-	-	-	-
Q2	-	-	-	-
Q3	-	-	-	-
Q4	-	-0.5	0.5	-
2017 Q1	..	..	..	..

	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
2013	-	-	-	-	-	-
2014	-	-	-	-	-	-
2015	-	-	-	-	-	-
2016	-	-	-	-	-	-
Percentage change, latest year on previous year						
2013	-	-	-	-	-	-
2014	-	-	-	-	-	-
2015	-	-	-	-	-	-
2016	-	-	-	-	-	-
Quarterly results (not seasonally adjusted)						
2013 Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2014 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2015 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2016 Q1	-	-	-	0.1	-	-
Q2	-	-	-	-0.1	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2017 Q1	..	..	..	..	..	..
Percentage change, latest quarter on previous quarter						
2013 Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2014 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2015 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2016 Q1	-	-	-	0.1	-	-
Q2	-	-	-	-0.2	-	-
Q3	-	-	-	0.1	-	-
Q4	-	-	-	-	-	-
2017 Q1	..	..	..	..	..	..
Percentage change, latest quarter on corresponding quarter of previous year						
2013 Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2014 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2015 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2016 Q1	-	-	-	0.1	-	-
Q2	-	-	-	-0.1	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2017 Q1	..	..	..	..	..	..

3R Services Producer Prices Indices - Industry Revisions

continued

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	Courier Services 53.20
Annual						
	K8S9	KS7Z	KHU3	K8SD	K8SW	K8SY
2013	-	-	-	-	-	-
2014	-	-	-	-	-	-
2015	-	-	-	-	-	-
2016	-	-	-	0.4	-	-
Percentage change, latest year on previous year						
2013	-	-	-	-	-	-
2014	-	-	-	-	-	-
2015	-	-	-	-	-	-
2016	-	-	-	0.4	-	-
Quarterly results (not seasonally adjusted)						
2013 Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2014 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2015 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2016 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	0.6	-	-
Q4	-	-0.1	-	0.9	-	-
2017 Q1	..	..	..	..	..	..
Percentage change, latest quarter on previous quarter						
2013 Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2014 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2015 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2016 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	0.6	-	-
Q4	-	-0.1	-	0.3	-	-
2017 Q1	..	..	..	..	..	..
Percentage change, latest quarter on corresponding quarter of previous year						
2013 Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2014 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2015 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2016 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	0.6	-	-
Q4	-	-0.1	-	1.0	-	-
2017 Q1	..	..	..	..	..	..

	Accommodation & Food		Information & Communication				Banking
	Hotels	Canteens & Catering	Publishing Services	Sound Recording & Music Publishing	Business Telecommunications	Computer Services	Financial Intermediation (Banks)
	55.10	56.20	58.10	59.20	61.10	62.00	64.19/1
Annual							
	K8TE	K8TP	K8TV	K8UF	K8UI	K8UK	KB2S
2013	-	-	-	-	-	-	-
2014	-	-	-	-	-	-	..
2015	-	-	-	-	-	-	..
2016	-0.6	-	-	-	0.1	-0.4	..
Percentage change, latest year on previous year							
2013	-	-	-	-	-	-	-
2014	-	-	-	-	-	-	..
2015	-	-	-	-	-	-	..
2016	-0.6	-	-	-	0.1	-0.4	..
Quarterly results (not seasonally adjusted)							
2013 Q2	-	-	-	-	-	-	-
Q3	-	-	-	-	-	-	-
Q4	-	-	-	-	-	-	-
2014 Q1	-	-	-	-	-	-	-
Q2	-	-	-	-	-	-	-
Q3	-	-	-	-	-	-	..
Q4	-	-	-	-	-	-	..
2015 Q1	-	-	-	-	-	-	..
Q2	-	-	-	-	-	-	..
Q3	-	-	-	-	-	-	..
Q4	-	-	-	-	-	-	..
2016 Q1	-	-	-	-	0.1	-0.1	..
Q2	0.1	-	-	-	-	-	..
Q3	-0.1	-	-	-	-0.1	-	..
Q4	-2.5	-	-0.1	-	0.6	-1.8	..
2017 Q1	..	..	..	..	..	..	..
Percentage change, latest quarter on previous quarter							
2013 Q2	-	-	-	-	-	-	-
Q3	-	-	-	-	-	-	-
Q4	-	-	-	-	-	-	-
2014 Q1	-	-	-	-	-	-	-
Q2	-	-	-	-	-	-	-
Q3	-	-	-	-	-	-	..
Q4	-	-	-	-	-	-	..
2015 Q1	-	-	-	-	-	-	..
Q2	-	-	-	-	-	-	..
Q3	-	-	-	-	-	-	..
Q4	-	-	-	-	-	-	..
2016 Q1	-	-	-	-	0.1	-0.1	..
Q2	0.1	-	-	-	-0.1	0.1	..
Q3	-0.2	-	-	-	-0.1	-	..
Q4	-2.2	-	-0.1	-	0.8	-1.8	..
2017 Q1	..	..	..	..	..	..	..
Percentage change, latest quarter on corresponding quarter of previous year							
2013 Q2	-	-	-	-	-	-	-
Q3	-	-	-	-	-	-	-
Q4	-	-	-	-	-	-	-
2014 Q1	-	-	-	-	-	-	-
Q2	-	-	-	-	-	-	-
Q3	-	-	-	-	-	-	..
Q4	-	-	-	-	-	-	..
2015 Q1	-	-	-	-	-	-	..
Q2	-	-	-	-	-	-	..
Q3	-	-	-	-	-	-	..
Q4	-	-	-	-	-	-	..
2016 Q1	-	-	-	-	0.1	-0.1	..
Q2	0.1	-	-	-	-	-	..
Q3	-0.1	-	-	-	-0.1	-	..
Q4	-2.3	-	-0.1	-	0.8	-1.8	..
2017 Q1	..	..	..	..	..	..	..

	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							
	K8VA	K8VC	KHW5	KHX6	KOP4	KHY2	KHY7
2013	-	-	-	-	-	-	-
2014	-	-	-	-	-	-	-
2015	-	-	-	-	-	-	-
2016	-	-	0.3	-0.2	-	-	0.1
Percentage change, latest year on previous year							
2013	-	-	-	-	-	-	-
2014	-	-	-	-	-	-	-
2015	-	-	-	-	-	-	-
2016	-	-	0.3	-0.2	-	-	0.1
Quarterly results (not seasonally adjusted)							
2013 Q2	-	-	-	-	-	-	-
Q3	-	-	-	-	-	-	-
Q4	-	-	-	-	-	-	-
2014 Q1	-	-	-	-	-	-	-
Q2	-	-	-	-	-	-	-
Q3	-	-	-	-	-	-	-
Q4	-	-	-	-	-	-	-
2015 Q1	-	-	-	-	-	-	-
Q2	-	-	-	-	-	-	-
Q3	-	-	-	-	-	-	-
Q4	-	-	-	-	-	-	-
2016 Q1	-	-	-	-	-	-	-
Q2	-	-	-	-	-	-	-
Q3	-	-	-	-	-	-	-
Q4	-	-	1.3	-1.0	0.2	-	0.3
2017 Q1	..	..	..	..	..	..	..
Percentage change, latest quarter on previous quarter							
2013 Q2	-	-	-	-	-	-	-
Q3	-	-	-	-	-	-	-
Q4	-	-	-	-	-	-	-
2014 Q1	-	-	-	-	-	-	-
Q2	-	-	-	-	-	-	-
Q3	-	-	-	-	-	-	-
Q4	-	-	-	-	-	-	-
2015 Q1	-	-	-	-	-	-	-
Q2	-	-	-	-	-	-	-
Q3	-	-	-	-	-	-	-
Q4	-	-	-	-	-	-	-
2016 Q1	-	-	-	-	-	-	-
Q2	-	-	-	-	-	-	-
Q3	-	-	-	-	-	-	-
Q4	-	-	1.1	-0.9	0.2	-	0.3
2017 Q1	..	..	..	..	..	..	..
Percentage change, latest quarter on corresponding quarter of previous year							
2013 Q2	-	-	-	-	-	-	-
Q3	-	-	-	-	-	-	-
Q4	-	-	-	-	-	-	-
2014 Q1	-	-	-	-	-	-	-
Q2	-	-	-	-	-	-	-
Q3	-	-	-	-	-	-	-
Q4	-	-	-	-	-	-	-
2015 Q1	-	-	-	-	-	-	-
Q2	-	-	-	-	-	-	-
Q3	-	-	-	-	-	-	-
Q4	-	-	-	-	-	-	-
2016 Q1	-	-	-	-	-	-	-
Q2	-	-	-	-	-	-	-
Q3	-	-	-	-	-	-	-
Q4	-	-	1.1	-0.9	0.2	-	0.3
2017 Q1	..	..	..	..	..	..	..

Professional Scientific & Technical Activities

	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	K8XI
2013	—	—	—	—	—
2014	—	—	—	—	—
2015	—	—	—	—	—
2016	—	-0.1	—	0.1	0.1
Percentage change, latest year on previous year					
2013	—	—	—	—	—
2014	—	—	—	—	—
2015	—	—	—	—	—
2016	—	-0.1	—	0.1	0.1
Quarterly results (not seasonally adjusted)					
2013 Q2	—	—	—	—	—
Q3	—	—	—	—	—
Q4	—	—	—	—	—
2014 Q1	—	—	—	—	—
Q2	—	—	—	—	—
Q3	—	—	—	—	—
Q4	—	—	—	—	—
2015 Q1	—	—	—	—	—
Q2	—	—	—	—	—
Q3	—	—	—	—	—
Q4	—	—	—	—	—
2016 Q1	—	—	—	—	—
Q2	—	—	—	—	—
Q3	—	—	—	—	—
Q4	—	-0.2	—	0.4	0.3
2017 Q1	..	..	..	..	..
Percentage change, latest quarter on previous quarter					
2013 Q2	—	—	—	—	—
Q3	—	—	—	—	—
Q4	—	—	—	—	—
2014 Q1	—	—	—	—	—
Q2	—	—	—	—	—
Q3	—	—	—	—	—
Q4	—	—	—	—	—
2015 Q1	—	—	—	—	—
Q2	—	—	—	—	—
Q3	—	—	—	—	—
Q4	—	—	—	—	—
2016 Q1	—	—	—	—	—
Q2	—	—	—	—	—
Q3	—	—	—	—	—
Q4	—	-0.2	—	0.3	0.3
2017 Q1	..	..	..	..	..
Percentage change, latest quarter on corresponding quarter of previous year					
2013 Q2	—	—	—	—	—
Q3	—	—	—	—	—
Q4	—	—	—	—	—
2014 Q1	—	—	—	—	—
Q2	—	—	—	—	—
Q3	—	—	—	—	—
Q4	—	—	—	—	—
2015 Q1	—	—	—	—	—
Q2	—	—	—	—	—
Q3	—	—	—	—	—
Q4	—	—	—	—	—
2016 Q1	—	—	—	—	—
Q2	—	—	—	—	—
Q3	—	—	—	—	—
Q4	—	-0.2	—	0.3	0.3
2017 Q1	..	..	..	..	..

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						
	K8XQ	K8XZ	K8YH	K8YQ	K8Z2	K8Z9
2013	—	—	—	—	—	—
2014	—	—	—	—	..	—
2015	—	—	—	—	..	—
2016	—	—	—	—	..	—
Percentage change, latest year on previous year						
2013	—	—	—	—	—	—
2014	—	—	—	—	..	—
2015	—	—	—	—	..	—
2016	—	—	—	—	..	—
Quarterly results (not seasonally adjusted)						
2013 Q2	—	—	—	—	—	—
Q3	—	—	—	—	—	—
Q4	—	—	—	—	0.1	—
2014 Q1	—	—	—	—	—	—
Q2	—	—	—	—	—	—
Q3	—	—	—	—	..	—
Q4	—	—	—	—	..	—
2015 Q1	—	—	—	—	..	—
Q2	—	—	—	—	..	—
Q3	—	—	—	—	..	—
Q4	—	—	—	—	..	—
2016 Q1	—	—	—	—	..	—
Q2	—	—	—	—	..	—
Q3	-0.1	—	—	—	..	—
Q4	-0.1	—	0.1	—	..	—
2017 Q1	..	..	..	..	..	..
Percentage change, latest quarter on previous quarter						
2013 Q2	—	—	—	—	—	—
Q3	—	—	—	—	—	—
Q4	—	—	—	—	0.1	—
2014 Q1	—	—	—	—	-0.1	—
Q2	—	—	—	—	—	—
Q3	—	—	—	—	..	—
Q4	—	—	—	—	..	—
2015 Q1	—	—	—	—	..	—
Q2	—	—	—	—	..	—
Q3	—	—	—	—	..	—
Q4	—	—	—	—	..	—
2016 Q1	—	—	—	—	..	—
Q2	—	—	—	—	..	—
Q3	-0.1	—	—	—	..	—
Q4	—	—	0.1	—	..	—
2017 Q1	..	..	..	..	..	..
Percentage change, latest quarter on corresponding quarter of previous year						
2013 Q2	—	—	—	—	—	—
Q3	—	—	—	—	—	—
Q4	—	—	—	—	0.1	—
2014 Q1	—	—	—	—	—	—
Q2	—	—	—	—	—	—
Q3	—	—	—	—	..	—
Q4	—	—	—	—	..	—
2015 Q1	—	—	—	—	..	—
Q2	—	—	—	—	..	—
Q3	—	—	—	—	..	—
Q4	—	—	—	—	..	—
2016 Q1	—	—	—	—	..	—
Q2	—	—	—	—	..	—
Q3	-0.1	—	—	—	..	—
Q4	-0.1	—	0.1	—	..	—
2017 Q1	..	..	..	..	..	..

	Education	Other Services
	Adult Education 85.59	Commercial Washing & Dry Cleaning 96.01
Annual		
	K8ZG	K8ZM
2013	-	-
2014	-	-
2015	-	-
2016	-	-
Percentage change, latest year on previous year		
2013	-	-
2014	-	-
2015	-	-
2016	-	-
Quarterly results (not seasonally adjusted)		
2013 Q2	-	-
Q3	-	-
Q4	-	-
2014 Q1	-	-
Q2	-	-
Q3	-	-
Q4	-	-
2015 Q1	-	-
Q2	-	-
Q3	-	-
Q4	-	-
2016 Q1	-	-
Q2	-	-
Q3	-	-
Q4	-	-
2017 Q1	..	..
Percentage change, latest quarter on previous quarter		
2013 Q2	-	-
Q3	-	-
Q4	-	-
2014 Q1	-	-
Q2	-	-
Q3	-	-
Q4	-	-
2015 Q1	-	-
Q2	-	-
Q3	-	-
Q4	-	-
2016 Q1	-	-
Q2	-	-
Q3	-	-
Q4	-	-
2017 Q1	..	..
Percentage change, latest quarter on corresponding quarter of previous year		
2013 Q2	-	-
Q3	-	-
Q4	-	-
2014 Q1	-	-
Q2	-	-
Q3	-	-
Q4	-	-
2015 Q1	-	-
Q2	-	-
Q3	-	-
Q4	-	-
2016 Q1	-	-
Q2	-	-
Q3	-	-
Q4	-	-
2017 Q1	..	..