

Statistical bulletin

# Services producer price inflation, UK: July to September 2019

Quarterly estimates monitoring the changes in prices charged for services provided to UK-based customers for a range of industries.



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## 1 . Main points

- The annual rate of growth for the Services Producer Price Index (SPPI) was 1.9% in Quarter 3 (July to Sept) 2019, up from 1.4% in Quarter 2 (Apr to June) 2019.
- The price of services sold by UK companies rose to 1.1% in Quarter 3 2019, up from 0.3% in Quarter 2 2019.
- Professional, scientific and technical activities provided the largest upward contribution to both the annual and quarterly rate.

## 2 . Things you need to know about this release

The Services Produce Price Index (SPPI) provides a measure of inflation for the UK services sector. It is constructed from a statutory quarterly survey, which measures changes in the price of services provided to UK-based customers for a range of industries. Individual SPPIs are available, which provide information on price change for a selection of services industries. These individual price indices are also aggregated to create a services industry SPPI with limited coverage (it does not provide full coverage of the services sector).

The services sector is estimated to account for around 80% of the UK economy based on its weight in gross domestic product (GDP). We do not produce an index for every industry in the services sector and so the SPPI is a partial, best estimate of the overall inflation to UK businesses in the services sector. The SPPIs presented in this statistical bulletin are estimated to represent 59% of the total services sector at industry level. The SPPI's coverage of the services sector at Standard Industrial Classification (SIC) class, division and section level is available in the [SPPI user guidance and methodology article](#).

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 services sector. Users should consider that coverage may change over time when deciding which indices best meet their needs.

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

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

Every five years, SPPIs are rebased and their weights updated to reflect changes in industry.

## 3 . Services producer price inflation summary

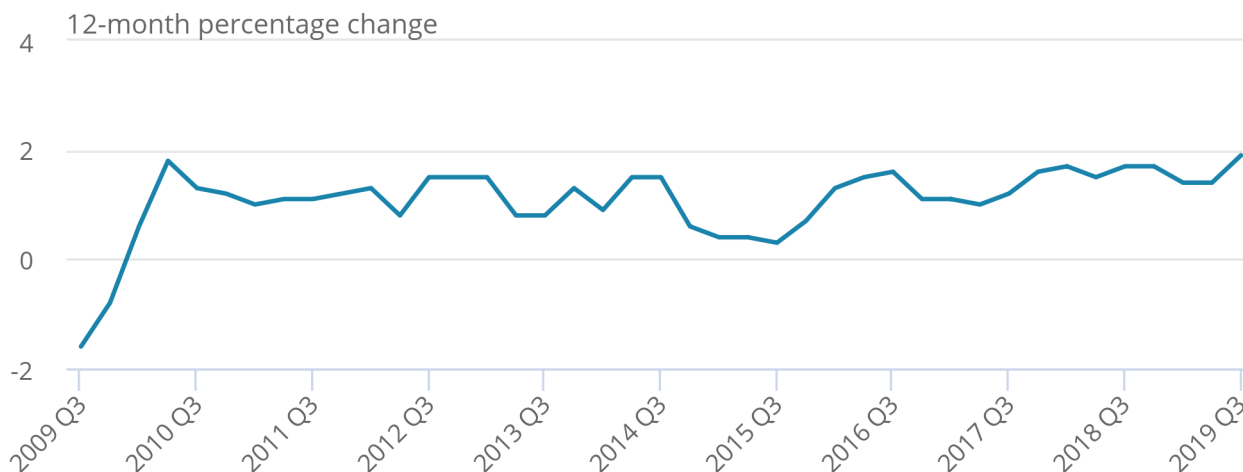
The Services Producer Price Index (SPPI) has reported positive growth for most of the period across the past 10 years (Figure 1). SPPI annual growth slowed from negative 1.3% in Quarter 2 (Apr to June) 2009 to a negative 1.6% in Quarter 3 (July to Sept) 2009, before returning to more typical growth from early 2010. The annual inflation rate was 1.9% in Quarter 3 2019, up from 1.4% in Quarter 2 2019.

## Figure 1: The annual rate of inflation for Services producer price inflation (SPPI) rose in Quarter 3 (July to Sept) 2019

Services Producer Price Index, annual rate of inflation, UK, Quarter 3 2009 to Quarter 3 2019

### Figure 1: The annual rate of inflation for Services producer price inflation (SPPI) rose in Quarter 3 (July to Sept) 2019

Services Producer Price Index, annual rate of inflation, UK, Quarter 3 2009 to Quarter 3 2019



Source: Office for National Statistics

Notes:

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

## 4 . Annual inflation rate shows highest growth since Quarter 4 (Oct to Dec) 2008

The Services Producer Price Index (SPPI) rose to 1.9% on the year to Quarter 3 (July to Sept) 2019, up from 1.4% on the year to Quarter 2 (Apr to Jun) 2019. This is the highest the annual rate has been since Quarter 4 (Oct to Dec) 2008. The price of services sold by UK companies rose by 1.1% between Quarter 2 (Apr to Jun) 2019 and Quarter 3 (July to Sept) 2019.

The annual rate has remained positive since Quarter 1 (Jan to Mar) 2010, whilst the quarterly rate has remained positive for 11 consecutive quarters.

Table 1: Services Producer Prices, UK  
Quarter 3 (July to Sept) 2019

	SPPI Index (2010=100)	1-Quarter	12-months rate	Change in the 12-month (percentage points)
<b>2018</b> Q2	109.3	0.3	1.5	-0.2
Q3	109.9	0.5	1.7	0.2
Q4	110.2	0.3	1.7	0.0
<b>2019</b> Q1	110.5	0.3	1.4	-0.3
Q2	110.8	0.3	1.4	0.0
Q3	112.0	1.1	1.9	0.5

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). [Back to table](#)
2. Series are not seasonally adjusted. [Back to table](#)

## 5 . Professional, scientific and technical activities provided the largest upward contribution to the annual and quarterly rate

Of the 10 sections (as defined by the [Standard Industrial Classification 2007: SIC 2007](#)) that are combined to form the Services Producer Price Index (SPPI), nine showed annual price increases, only Water supply, sewerage and waste management showed negative price inflation (Table 2). On a quarterly basis eight sections showed positive quarterly growth, only prices for Water supply, sewerage and waste management and Information and communication showed negative price inflation.

“Other services” showed the largest price increase on the year to Quarter 3 (July to Sept) 2019 at 4.5%; the highest positive growth we have seen in this index. This was driven by services provided within Commercial washing and dry cleaning, which increased by 4.5% in the year to Quarter 3 2019.

Table 2: Services Producer Prices Inflation  
1-quarter and 12-month percentage change to Quarter 3 (July to Sept) 2019

Service group	Percentage change	
	1-quarter	12-months
<b>Water supply, sewerage and waste management</b>	-0.7	-2.1
<b>Repair and maintenance of motor vehicles</b>	0.2	2.1
<b>Transportation and storage</b>	0.6	2.6
<b>Accommodation and food</b>	1.3	2.7
<b>Information and communication</b>	-0.7	0.8
<b>Real estate activities</b>	0.4	1.9
<b>Professional, scientific and technical activities</b>	3.4	2.9
<b>Administrative and support services</b>	0.2	0.9
<b>Education</b>	0.0	0.2
<b>Other services</b>	1.1	4.5
<b>SPPI</b>	1.1	1.9

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. [Back to table](#)

Professional, scientific and technical activities provided the largest upward contribution to the annual rate, contributing 0.81 percentage points (Figure 2). Prices for Professional, scientific and technical activities rose 2.9% over the year (Table 2), driven by advertising services whose prices were up 7.2% on the year from 0.7% in Quarter 2 (Apr to June) 2019.

Transportation and storage provided the second-largest upward contribution to the annual rate, contributing 0.50 percentage points (Figure 2). Prices for Transportation and storage rose 2.6% over the year (Table 2), driven by freight forwarding whose prices were rose 6.2% on the year, up from 4.9% in Quarter 2 2019.

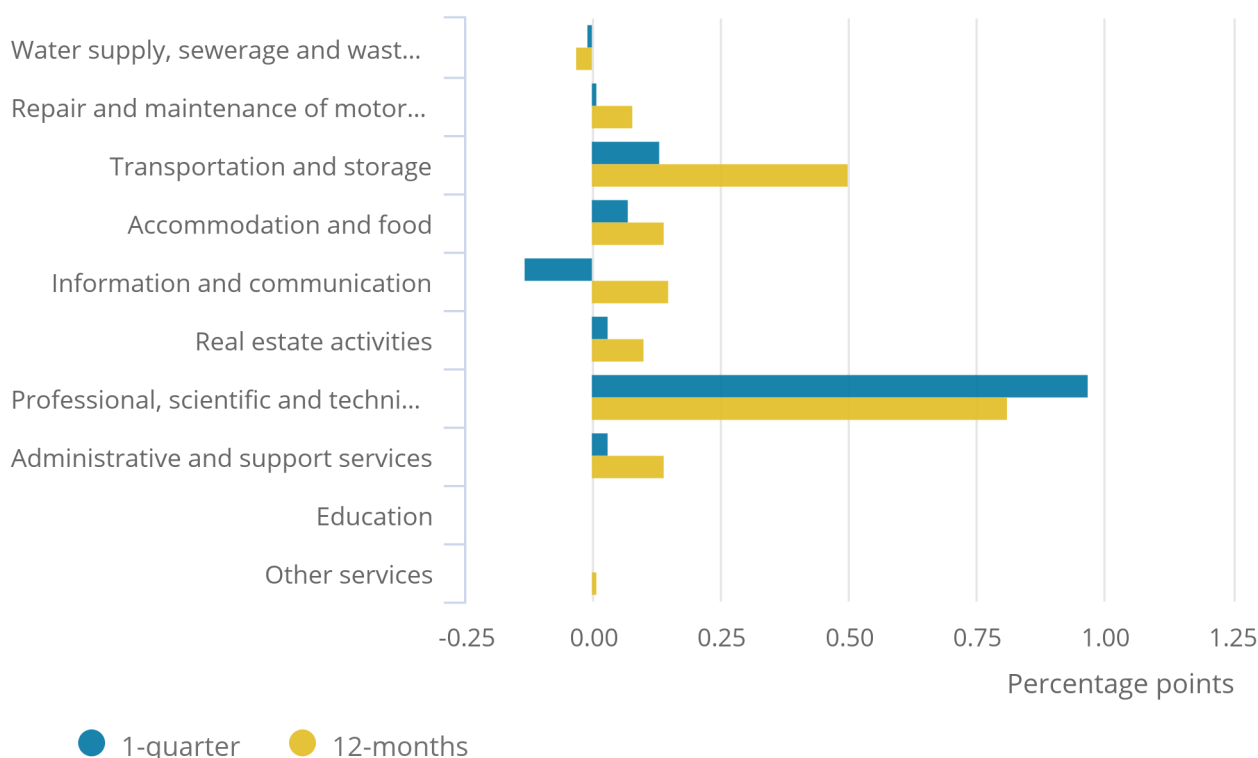
Six industries displayed positive contributions to the quarterly price increase of 1.1%. Professional, scientific and technical activities was the main contributor to the quarterly rate, at 0.97 percentage points (Figure 2). Prices within the industry rose to 3.4% between Quarter 2 2019 and Quarter 3 2019, driven mainly by prices for Management consultancy, which rose to 6.1% on the quarter. Information and communication provided the largest downward contribution to the quarterly rate, with a contribution of negative 0.13 percentage points (Figure 2), this was mainly driven by Computer programming where prices fell 1.4% on the quarter.

**Figure 2: Professional, scientific and technical activities made the largest contribution to the Services producer price inflation (SPPI) annual and quarterly growth rate**

Services producer prices, contribution to 1-quarter and 12-month growth rates, UK, Quarter 3 (July to Sept) 2019

Figure 2: Professional, scientific and technical activities made the largest contribution to the Services producer price inflation (SPPI) annual and quarterly growth rate

Services producer prices, contribution to 1-quarter and 12-month growth rates, UK, Quarter 3 (July to Sept) 2019



Source: 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.

## 6 . Links to related statistics

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

Details of when the annual and monthly inflation rates were previously higher than, lower than, or at the same rate as the current quarter are shown in the [Services producer price inflation \(SPPI\) records](#).

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

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

CPI estimates the rate at which the price of goods or services bought by households rise or fall using price indices.

PPI measures changes in the prices of goods bought and sold by UK manufacturers, including price indices of materials and fuels purchased (input prices) and factory gate prices (output prices).

## 7 . Quality and methodology

The [Services Producer Price Indices \(SPPI\) Quality and Methodology information report](#) contains important information on:

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

If you would like more information about the reliability of the data, the latest [SPPI standard errors](#) were published on 4 December 2017. The article presents calculated standard errors for the period between Quarter 1 (Jan to Mar) 2016 and Quarter 3 (July to Sept) 2017, for both quarter-on-quarter and 12-month growth. A previous [SPPI standard errors article](#) presents the calculated standard errors for the period Quarter 2 (Apr to June) 2012 to Quarter 1 2016.

[Guidance on using indices in indexation clauses](#) (last revised in 2016) has been published. 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 <sup>1,2,4</sup>			Net Sector <sup>1,3,4</sup>		
	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		
2015 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	106.7	-0.1	1.1	107.4	-	1.1
2017 Q1	107.2	0.5	1.1	107.9	0.5	1.1
Q2	107.7	0.5	1.0	108.3	0.4	1.0
Q3	108.1	0.4	1.2	108.7	0.4	1.2
Q4	108.4	0.3	1.6	109.2	0.5	1.7
2018 Q1	109.0	0.6	1.7	109.8	0.5	1.8
Q2	109.3	0.3	1.5	110.1	0.3	1.7
Q3	109.9r	0.5	1.7	110.7	0.5	1.8
Q4	110.2r	0.3	1.7	111.0	0.3	1.6
2019 Q1	110.5	0.3	1.4	111.3	0.3	1.4
Q2	110.8p	0.3	1.4	111.4p	0.1	1.2
Q3	112.0p	1.1	1.9	112.9p	1.3	2.0

*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		
2015 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	96.6	1.2	2.9	117.3	0.8	2.0
2017 Q1	98.5	2.0	5.9	117.7	0.3	1.8
Q2	99.2	0.7	3.9	119.2	1.3	2.5
Q3	102.1	2.9	6.9	120.4	1.0	3.4
Q4	103.0r	0.9	6.6	121.1	0.6	3.2
2018 Q1	103.4	0.4	5.0	122.4	1.1	4.0
Q2	103.8	0.4	4.6	123.2	0.7	3.4
Q3	103.1	-0.7	1.0	124.5	1.1	3.4
Q4	102.6	-0.5	-0.4	125.3	0.6	3.5
2019 Q1	101.1	-1.5	-2.2	125.6	0.2	2.6
Q2	101.6p	0.5	-2.1	126.8p	1.0	2.9
Q3	100.9p	-0.7	-2.1	127.1p	0.2	2.1

	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		
2015 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	107.7	0.6	1.2	111.8	1.8	2.0
Q4	108.1	0.4	1.3	109.8	-1.8	0.2
2017 Q1	108.8	0.6	1.9	109.8	-	0.5
Q2	109.2	0.4	2.0	112.3	2.3	2.3
Q3	109.6	0.4	1.8	112.7	0.4	0.8
Q4	110.3	0.6	2.0	108.8	-3.5	-0.9
2018 Q1	111.4	1.0	2.4	108.3	-0.5	-1.4
Q2	111.7	0.3	2.3	109.2	0.8	-2.8
Q3	112.7	0.9	2.8	109.8	0.5	-2.6
Q4	114.0	1.2	3.4	110.3r	0.5	1.4
2019 Q1	115.1	1.0	3.3	109.9	-0.4	1.5
Q2	114.9p	-0.2	2.9	111.3p	1.3	1.9
Q3	115.6p	0.6	2.6	112.8p	1.3	2.7

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)

	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		
2015 Q4	98.4	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	100.1	-0.9	1.7	109.9	0.2	1.8
2017 Q1	101.3	1.2	2.3	110.4	0.5	1.5
Q2	101.4	0.1	0.6	111.0	0.5	1.2
Q3	101.4	-	0.4	111.8	0.7	1.9
Q4	101.4	-	1.3	112.7	0.8	2.5
2018 Q1	102.3	0.9	1.0	113.1	0.4	2.4
Q2	102.9	0.6	1.5	112.3	-0.7	1.2
Q3	102.7r	-0.2	1.3	112.4	0.1	0.5
Q4	103.2r	0.5	1.8	112.8	0.4	0.1
2019 Q1	103.4	0.2	1.1	113.4	0.5	0.3
Q2	104.2p	0.8	1.3	114.0p	0.5	1.5
Q3	103.5p	-0.7	0.8	114.5p	0.4	1.9

	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		
2015 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	111.8	0.2	1.5	102.0	-	-0.4
2017 Q1	111.8	-	0.4	102.0	-	-
Q2	112.1	0.3	0.4	102.5	0.5	0.5
Q3	112.6	0.4	0.9	102.7	0.2	0.7
Q4	113.8	1.1	1.8	102.6	-0.1	0.6
2018 Q1	114.3	0.4	2.2	103.1	0.5	1.1
Q2	114.1	-0.2	1.8	103.6	0.5	1.1
Q3	114.9	0.7	2.0	104.1	0.5	1.4
Q4	114.6	-0.3	0.7	104.1	-	1.5
2019 Q1	115.1	0.4	0.7	103.7	-0.4	0.6
Q2	114.3p	-0.7	0.2	104.8p	1.1	1.2
Q3	118.2p	3.4	2.9	105.0p	0.2	0.9

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		
2015 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	104.7	-0.1	0.2	106.5	-0.4	2.1
2017 Q1	105.8	1.1	0.3	101.5	-4.7	-3.0
Q2	106.7	0.9	1.6	101.7	0.2	-4.9
Q3	103.2	-3.3	-1.5	101.7	-	-4.9
Q4	103.8	0.6	-0.9	101.7	-	-4.5
2018 Q1	102.8	-1.0	-2.8	102.0	0.3	0.5
Q2	109.9	6.9	3.0	102.1	0.1	0.4
Q3	110.6	0.6	7.2	102.2	0.1	0.5
Q4	107.4	-2.9	3.5	104.1	1.9	2.4
2019 Q1	109.5	2.0	6.5	104.9	0.8	2.8
Q2	110.8p	1.2	0.8	105.6p	0.7	3.4
Q3	110.8p	-	0.2	106.8p	1.1	4.5

*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 <sup>1</sup> 37.00	Waste Disposal 38.11	Sorted Recovered Materials Services 38.32	Motor Vehicles 45.20
<b>Annual</b>				
	K8PX	K8Q3	K8QL	K8QW
2015	123.6	104.5	73.0	114.5
2016	121.0	104.5	66.1	116.4
2017	120.8	105.0	84.7	119.6
2018	121.9	106.3	90.7	123.9
<b>Percentage change, latest year on previous year</b>				
2015	-1.0	-3.8	-20.1	1.9
2016	-2.1	-	-9.5	1.7
2017	-0.2	0.5	28.1	2.7
2018	0.9	1.2	7.1	3.6
<b>Quarterly results (not seasonally adjusted)</b>				
2015 Q4	122.8	104.7	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	120.4	104.0	72.5B	117.3
2017 Q1	120.4	104.2	78.9B	117.7
Q2	120.9	104.5	80.4B	119.2
Q3	120.9	105.6	88.5B	120.4
Q4	120.9	105.9r	91.0B	121.1
2018 Q1	120.9	106.0	92.5 B	122.4
Q2	120.6	107.1	91.5 B	123.2
Q3	120.6	106.2	91.0 B	124.5
Q4	125.4	106.1	87.8 B	125.3
2019 Q1	125.4	106.3	82.1 B	125.6
Q2	124.6p	106.7p	83.0pB	126.8p
Q3	124.6p	106.3p	81.5pB	127.1p
<b>Percentage change, latest quarter on previous quarter</b>				
2015 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	-	0.2	8.8	0.3
Q2	0.4	0.3	1.9	1.3
Q3	-	1.1	10.1	1.0
Q4	-	0.3	2.8	0.6
2018 Q1	-	0.1	1.6	1.1
Q2	-0.2	1.0	-1.1	0.7
Q3	-	-0.8	-0.5	1.1
Q4	4.0	-0.1	-3.5	0.6
2019 Q1	-	0.2	-6.5	0.2
Q2	-0.6	0.4	1.1	1.0
Q3	-	-0.4	-1.8	0.2
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>				
2015 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	-0.6	38.4	1.8
Q2	0.4	0.2	18.8	2.5
Q3	0.4	0.9	31.9	3.4
Q4	0.4	1.8	25.5	3.2
2018 Q1	0.4	1.7	17.2	4.0
Q2	-0.2	2.5	13.8	3.4
Q3	-0.2	0.6	2.8	3.4
Q4	3.7	0.2	-3.5	3.5
2019 Q1	3.7	0.3	-11.2	2.6
Q2	3.3	-0.4	-9.3	2.9
Q3	3.3	0.1	-10.4	2.1

# 3 Services Producer Price Indices - Industry

continued

2010 = 100 (SIC2007)

	Transportation and Storage					
	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
<b>Annual</b>						
	K8QY	K8R2	K8RE	K8RO	K8RW	K8S5
2015	120.6	105.1	109.4	104.6	116.8	110.4
2016	121.4	106.1	110.1	104.8	113.5	116.6
2017	122.9	109.4	110.8	105.5	116.3	117.5
2018	126.4	111.4	112.1	107.3	116.5	122.2
<b>Percentage change, latest year on previous year</b>						
2015	2.2	-0.8	2.4	-0.2	-	6.6
2016	0.7	1.0	0.6	0.2	-2.8	5.6
2017	1.2	3.1	0.6	0.7	2.5	0.8
2018	2.8	1.8	1.2	1.7	0.2	4.0
<b>Quarterly results (not seasonally adjusted)</b>						
2015 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	117.3
Q4	121.4	107.2F	110.2	104.7	115.5	118.3
2017 Q1	122.9	108.3F	110.6	105.0	115.6	117.1
Q2	122.9	109.5F	110.7	105.3	115.6	116.6
Q3	122.9	109.4F	111.2	105.5	117.3	114.4
Q4	122.9	110.3F	110.8	106.0	116.8	121.8
2018 Q1	126.4	110.2 F	112.6	106.2	116.6	121.1
Q2	126.4	110.9 F	109.3	106.6	116.0	122.6
Q3	126.4	111.9 F	112.5	108.0	116.2	123.2
Q4	126.4	112.7 F	114.0r	108.6	117.0	122.1
2019 Q1	130.0	113.8 F	112.3	109.2	118.5	124.0
Q2	130.0p	113.8pF	111.2p	110.1p	116.9p	122.4p
Q3	130.0p	115.1pF	112.4p	110.5p	117.5p	124.0p
<b>Percentage change, latest quarter on previous quarter</b>						
2015 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	1.5
Q4	-	0.2	-	0.2	0.9	0.9
2017 Q1	1.2	1.0	0.4	0.3	0.1	-1.0
Q2	-	1.1	0.1	0.3	-	-0.4
Q3	-	-0.1	0.5	0.2	1.5	-1.9
Q4	-	0.8	-0.4	0.5	-0.4	6.5
2018 Q1	2.8	-0.1	1.6	0.2	-0.2	-0.6
Q2	-	0.6	-2.9	0.4	-0.5	1.2
Q3	-	0.9	2.9	1.3	0.2	0.5
Q4	-	0.7	1.3	0.6	0.7	-0.9
2019 Q1	2.8	1.0	-1.5	0.6	1.3	1.6
Q2	-	-	-1.0	0.8	-1.4	-1.3
Q3	-	1.1	1.1	0.4	0.5	1.3
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>						
2015 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	2.8
Q4	0.7	2.3	0.5	-	-1.8	3.0
2017 Q1	1.2	3.6	0.7	-	3.1	1.7
Q2	1.2	3.4	0.5	0.3	3.2	0.9
Q3	1.2	2.2	0.9	1.0	2.4	-2.5
Q4	1.2	2.9	0.5	1.2	1.1	3.0
2018 Q1	2.8	1.8	1.8	1.1	0.9	3.4
Q2	2.8	1.3	-1.3	1.2	0.3	5.1
Q3	2.8	2.3	1.2	2.4	-0.9	7.7
Q4	2.8	2.2	2.9	2.5	0.2	0.2
2019 Q1	2.8	3.3	-0.3	2.8	1.6	2.4
Q2	2.8	2.6	1.7	3.3	0.8	-0.2
Q3	2.8	2.9	-0.1	2.3	1.1	0.6

# 3 Services Producer Price Indices - Industry

continued

2010 = 100 (SIC2007)

Transportation and Storage						
	Air Fares 51.11	Storage & Warehousing <sup>2</sup> 52.10	Cargo Handling <sup>2</sup> 52.24	Freight Forwarding 52.29	National Post Parcels <sup>1</sup> 53.10	Courier Services 53.20
<b>Annual</b>						
	K8S9	KS7Z	KHU3	K8SD	K8SW	K8SY
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
2017	136.8	107.0	120.6	101.1	105.1	104.1
2018	144.4	112.5	122.6	103.4	106.1	105.0
<b>Percentage change, latest year on previous year</b>						
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
2017	5.1	-0.6	5.4	6.6	-	0.3
2018	5.6	5.1	1.7	2.3	1.0	0.9
<b>Quarterly results (not seasonally adjusted)</b>						
2015 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	104.1
Q4	133.4F	107.8	117.6	96.3	105.1	103.0
2017 Q1	135.3F	107.0	119.2	98.5	105.1	104.5
Q2	136.4F	106.4	120.0	100.9	105.1	103.8
Q3	137.2F	106.8	121.4	102.5	105.1	104.1
Q4	138.4F	107.8	121.7	102.5	105.1	104.2
2018 Q1	142.3 F	110.0	121.9	102.6	105.1	105.0
Q2	142.5 F	112.1	121.9	101.6	106.4	104.9
Q3	144.3 F	113.2	121.9	102.9	106.4	105.1
Q4	148.7 F	114.8	124.5	106.4	106.4	105.1r
2019 Q1	150.2 F	114.5	124.7	109.1	106.4	105.6
Q2	150.4pF	114.3p	125.6p	106.6p	106.4p	105.8p
Q3	151.1pF	115.0p	125.7p	109.3p	106.4p	105.5p
<b>Percentage change, latest quarter on previous quarter</b>						
2015 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	-	-0.1
Q4	1.4	-	1.0	1.4	-	-1.1
2017 Q1	1.4	-0.7	1.4	2.3	-	1.5
Q2	0.8	-0.6	0.7	2.4	-	-0.7
Q3	0.6	0.4	1.2	1.6	-	0.3
Q4	0.9	0.9	0.2	-	-	0.1
2018 Q1	2.8	2.0	0.2	0.1	-	0.8
Q2	0.1	1.9	-	-1.0	1.2	-0.1
Q3	1.3	1.0	-	1.3	-	0.2
Q4	3.0	1.4	2.1	3.4	-	-
2019 Q1	1.0	-0.3	0.2	2.5	-	0.5
Q2	0.1	-0.2	0.7	-2.3	-	0.2
Q3	0.5	0.6	0.1	2.5	-	-0.3
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>						
2015 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	-	2.8
Q4	4.9	0.7	5.6	2.6	-	0.1
2017 Q1	6.0	-0.4	7.0	5.0	-	0.8
Q2	6.5	-1.2	7.0	7.3	-	-0.4
Q3	4.3	-0.9	4.3	7.9	-	-
Q4	3.7	-	3.5	6.4	-	1.2
2018 Q1	5.2	2.8	2.3	4.2	-	0.5
Q2	4.5	5.4	1.6	0.7	1.2	1.1
Q3	5.2	6.0	0.4	0.4	1.2	1.0
Q4	7.4	6.5	2.3	3.8	1.2	0.9
2019 Q1	5.6	4.1	2.3	6.3	1.2	0.6
Q2	5.5	2.0	3.0	4.9	-	0.9
Q3	4.7	1.6	3.1	6.2	-	0.4

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	Telecommunications	Computer Services	Financial Intermediation (Banks) <sup>1</sup>
	55.10	56.20	58.10	59.20	61.10	62.00	64.19/1
<b>Annual</b>							
	K8TE	K8TP	K8TV	K8UF	K8UI	K8UK	KB2S
2015	107.8	110.6	122.2	92.5	78.7	100.5	87.5
2016	108.4	112.3	126.4	92.2	81.8	101.6	86.8
2017	111.2	110.5	134.8	92.2	83.3	100.5	87.2
2018	106.5	113.1	140.2	90.2	82.2	102.0	86.3
<b>Percentage change, latest year on previous year</b>							
2015	-0.4	1.6	2.4	-0.8	-5.2	-	-2.9
2016	0.6	1.5	3.4	-0.3	3.9	1.1	-0.8
2017	2.6	-1.6	6.6	-	1.8	-1.1	0.5
2018	-4.2	2.4	4.0	-2.2	-1.3	1.5	-1.0
<b>Quarterly results (not seasonally adjusted)</b>							
2015 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	112.2	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	107.7	112.6	127.3B	92.2B	83.1	100.4	87.2
2017 Q1	108.3	111.8	133.8B	92.2B	83.7	100.4	87.9
Q2	113.9	110.2	134.5B	92.2B	83.5	100.5	85.8
Q3	114.9	109.9	135.1B	92.2B	83.8	100.2	88.1
Q4	107.8	110.1	135.7B	92.2B	82.1	100.7	87.1
2018 Q1	105.3	112.0	138.5 B	90.3 B	81.7	101.8	87.9
Q2	106.5	112.6	140.5 B	90.2 B	81.7	102.2	84.4
Q3	107.4r	112.9	141.1 B	90.2 B	81.7r	101.7	86.8r
Q4	106.6r	115.0	140.9 B	90.2 B	83.8r	102.3	86.0
2019 Q1	105.0	116.0	143.2 B	90.2 B	81.1	103.4	83.3
Q2	107.1p	116.7p	144.8pB	89.9pB	81.1p	104.3p	83.6p
Q3	109.6p	116.8p	145.7pB	90.2pB	81.1p	102.7p	83.3p
<b>Percentage change, latest quarter on previous quarter</b>							
2015 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	0.5	0.4	-	-1.4	0.7	-0.5
Q4	-2.9	-0.2	0.5	-	0.8	-2.1	0.6
2017 Q1	0.6	-0.7	5.1	-	0.7	-	0.8
Q2	5.2	-1.4	0.5	-	-0.2	0.1	-2.4
Q3	0.9	-0.3	0.4	-	0.4	-0.3	2.7
Q4	-6.2	0.2	0.4	-	-2.0	0.5	-1.1
2018 Q1	-2.3	1.7	2.1	-2.1	-0.5	1.1	0.9
Q2	1.1	0.5	1.4	-0.1	-	0.4	-4.0
Q3	0.8	0.3	0.4	-	-	-0.5	2.8
Q4	-0.7	1.9	-0.1	-	2.6	0.6	-0.9
2019 Q1	-1.5	0.9	1.6	-	-3.2	1.1	-3.1
Q2	2.0	0.6	1.1	-0.3	-	0.9	0.4
Q3	2.3	0.1	0.6	0.3	-	-1.5	-0.4
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>							
2015 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	1.0	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	-1.0	1.9	3.4	0.2	4.7	-0.2	3.0
2017 Q1	1.1	0.1	6.8	-	7.2	-1.2	1.7
Q2	5.5	-1.8	6.6	-	-0.1	-1.4	-1.5
Q3	3.6	-2.6	6.6	-	1.7	-2.3	1.6
Q4	0.1	-2.2	6.6	-	-1.2	0.3	-0.1
2018 Q1	-2.8	0.2	3.5	-2.1	-2.4	1.4	-
Q2	-6.5	2.2	4.5	-2.2	-2.2	1.7	-1.6
Q3	-6.5	2.7	4.4	-2.2	-2.5	1.5	-1.5
Q4	-1.1	4.5	3.8	-2.2	2.1	1.6	-1.3
2019 Q1	-0.3	3.6	3.4	-0.1	-0.7	1.6	-5.2
Q2	0.6	3.6	3.1	-0.3	-0.7	2.1	-0.9
Q3	2.0	3.5	3.3	-	-0.7	1.0	-4.0

p = provisional. r = revised

# 3 Services Producer Price Indices - Industry

continued

2010 = 100 (SIC2007)

	Real Estate Activities		Professional Scientific & Technical Activities				
	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	Management Consultancy <sup>2</sup> 70.22	Architectural Services <sup>2</sup> 71.11	Engineering & Related Services <sup>2</sup> 71.12
<b>Annual</b>							
	K8VA	K8VC	KHW5	KHX6	KOP4	KHY2	KHY7
2015	99.9	119.7	112.8	112.8	103.0	106.3	108.4
2016	102.0	126.1	116.3	115.4	105.5	109.2	109.2
2017	103.7	128.7	119.3	119.8	106.8	110.0	105.6
2018	104.4	131.0	124.0	124.6	107.8	111.3	107.1
<b>Percentage change, latest year on previous year</b>							
2015	1.0	9.9	2.3	3.0	-1.3	1.8	0.7
2016	2.1	5.3	3.1	2.3	2.4	2.7	0.7
2017	1.7	2.1	2.6	3.8	1.2	0.7	-3.3
2018	0.7	1.8	3.9	4.0	0.9	1.2	1.4
<b>Quarterly results (not seasonally adjusted)</b>							
2015 Q4	100.8	124.0	113.9	113.3	103.3	107.0	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	102.8	125.7	117.8	114.3	105.7	109.5	109.5
2017 Q1	103.1	126.7	117.9	118.0	106.6	109.4	105.1
Q2	103.5	127.5	118.4	119.4	105.8	109.6	104.9
Q3	104.2	128.7	119.9	119.4	107.5	110.4	106.3
Q4	104.0	131.8	120.8	122.4	107.4	110.8	106.1
2018 Q1	104.1	133.1	122.7	124.8	107.9	110.7	106.5
Q2	104.4	129.9	122.7	123.5	108.0	110.6	106.5
Q3	104.3	130.3	125.5	127.3	107.4	111.1	107.5
Q4	104.7	130.7	125.0	122.8	107.9	112.7	108.0
2019 Q1	105.4	131.3	125.1	126.3	108.2	110.9	108.4
Q2	106.0p	131.5p	126.8p	123.5p	104.4p	111.5p	108.6p
Q3	106.6p	132.1p	129.2p	129.5p	110.8p	113.4p	108.9p
<b>Percentage change, latest quarter on previous quarter</b>							
2015 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	-0.2	0.9	-2.1	1.1	-0.1	-0.1
2017 Q1	0.3	0.8	0.1	3.2	0.9	-0.1	-4.0
Q2	0.4	0.6	0.4	1.2	-0.8	0.2	-0.2
Q3	0.7	0.9	1.3	-	1.6	0.7	1.3
Q4	-0.2	2.4	0.8	2.5	-0.1	0.4	-0.2
2018 Q1	0.1	1.0	1.6	2.0	0.5	-0.1	0.4
Q2	0.3	-2.4	-	-1.0	0.1	-0.1	-
Q3	-0.1	0.3	2.3	3.1	-0.6	0.5	0.9
Q4	0.4	0.3	-0.4	-3.5	0.5	1.4	0.5
2019 Q1	0.7	0.5	0.1	2.9	0.3	-1.6	0.4
Q2	0.6	0.2	1.4	-2.2	-3.5	0.5	0.2
Q3	0.6	0.5	1.9	4.9	6.1	1.7	0.3
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>							
2015 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	1.4	3.4	0.9	2.3	2.3	0.9
2017 Q1	1.8	1.0	1.9	2.0	0.7	1.3	-3.0
Q2	1.8	0.2	3.0	4.1	-0.2	0.1	-3.9
Q3	1.9	2.1	2.7	2.3	2.9	0.7	-3.0
Q4	1.2	4.9	2.5	7.1	1.6	1.2	-3.1
2018 Q1	1.0	5.1	4.1	5.8	1.2	1.2	1.3
Q2	0.9	1.9	3.6	3.4	2.1	0.9	1.5
Q3	0.1	1.2	4.7	6.6	-0.1	0.6	1.1
Q4	0.7	-0.8	3.5	0.3	0.5	1.7	1.8
2019 Q1	1.2	-1.4	2.0	1.2	0.3	0.2	1.8
Q2	1.5	1.2	3.3	-	-3.3	0.8	2.0
Q3	2.2	1.4	2.9	1.7	3.2	2.1	1.3



# 3 Services Producer Price Indices - Industry

continued

2010 = 100 (SIC2007)

## Professional Scientific & Technical Activities

	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
<b>Annual</b>					
	K8WD	KOQ5	K8X7	K8XC	K8XI
2015	108.1	104.1	105.8	115.8	101.3
2016	109.4	104.8	107.4	117.7	102.6
2017	111.8	107.9	108.2	117.5	101.6
2018	114.4	106.7	110.1	117.8	106.2
<b>Percentage change, latest year on previous year</b>					
2015	0.9	1.3	2.4	5.2	0.7
2016	1.2	0.7	1.5	1.6	1.3
2017	2.2	3.0	0.7	-0.2	-1.0
2018	2.3	-1.1	1.8	0.3	4.5
<b>Quarterly results (not seasonally adjusted)</b>					
2015 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	109.9	105.0	107.4	117.3F	102.2
2017 Q1	110.7	107.3	108.1	117.3F	102.2
Q2	112.1	108.5	108.2	117.1F	99.7
Q3	112.0	105.6	108.2	117.7F	100.4
Q4	112.2	110.1	108.2	117.8F	104.0
2018 Q1	113.3	107.2	109.6	117.9 F	104.0
Q2	114.2	107.0	110.3	117.9 F	104.1
Q3	114.3	105.6	109.6	117.9 F	108.3
Q4	115.7	106.9	110.8	117.4 F	108.3
2019 Q1	116.9	105.0	109.5	117.7 F	107.6
Q2	117.1p	107.7p	108.9p	118.0pF	107.6p
Q3	117.4p	113.2p	109.4p	118.0pF	107.3p
<b>Percentage change, latest quarter on previous quarter</b>					
2015 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	0.9	-	-0.5	-0.5
2017 Q1	0.7	2.2	0.7	-	-
Q2	1.3	1.1	0.1	-0.2	-2.4
Q3	-0.1	-2.7	-	0.5	0.7
Q4	0.2	4.3	-	0.1	3.6
2018 Q1	1.0	-2.6	1.3	0.1	-
Q2	0.8	-0.2	0.6	-	0.1
Q3	0.1	-1.3	-0.6	-	4.0
Q4	1.2	1.2	1.1	-0.4	-
2019 Q1	1.0	-1.8	-1.2	0.3	-0.6
Q2	0.2	2.6	-0.5	0.3	-
Q3	0.3	5.1	0.5	-	-0.3
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>					
2015 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	-0.4	1.4	-0.3	0.6
2017 Q1	1.7	2.9	0.7	-0.4	-0.5
Q2	2.7	2.6	0.7	-0.6	-2.9
Q3	2.1	1.4	0.7	-0.2	-2.2
Q4	2.1	4.9	0.7	0.4	1.8
2018 Q1	2.3	-0.1	1.4	0.5	1.8
Q2	1.9	-1.4	1.9	0.7	4.4
Q3	2.1	-	1.3	0.2	7.9
Q4	3.1	-2.9	2.4	-0.3	4.1
2019 Q1	3.2	-2.1	-0.1	-0.2	3.5
Q2	2.5	0.7	-1.3	0.1	3.4
Q3	2.7	7.2	-0.2	0.1	-0.9

p = provisional. r = revised

# 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
<b>Annual</b>						
	K8XQ	K8XZ	K8YH	K8YQ	K8Z2	K8Z9
2015	107.5	102.2	96.6	103.4	103.5	100.1
2016	106.9	101.7	97.3	104.9	106.0	104.4
2017	106.2	101.8	97.2	108.6	107.7	108.0
2018	106.8	102.8	99.4	109.6	107.0	111.1
<b>Percentage change, latest year on previous year</b>						
2015	0.4	-0.4	-0.8	0.2	-0.5	-0.9
2016	-0.6	-0.5	0.7	1.5	2.4	4.3
2017	-0.7	0.1	-0.1	3.5	1.6	3.4
2018	0.6	1.0	2.3	0.9	-0.6	2.9
<b>Quarterly results (not seasonally adjusted)</b>						
2015 Q4	108.0	102.5	96.9	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	104.7	106.3	104.4
Q3	106.1	101.7	97.3	104.8	106.1	104.4
Q4	107.1	101.6	97.3	105.2	105.9	104.4
2017 Q1	107.0	101.4	96.9	107.6	106.5	104.7
Q2	106.5	102.0	97.8	107.7	106.5	105.1
Q3	106.6	101.8	96.6	110.1	108.5	111.0
Q4	104.9	101.8	97.7	109.2	109.1	111.1
2018 Q1	105.1	102.2	98.1	110.0	108.8	111.1
Q2	107.3	102.4	99.7	110.7	106.2	111.1
Q3	107.5	103.3	99.5	109.6r	106.3	111.1
Q4	107.4	103.4	100.2	108.0r	106.8	111.3
2019 Q1	107.8	102.9	99.6	107.2	107.3	111.4
Q2	107.7p	104.3p	100.9p	107.6p	107.9p	112.9p
Q3	107.5p	104.5p	101.1p	107.7p	108.1p	113.9p
<b>Percentage change, latest quarter on previous quarter</b>						
2015 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	-0.2	0.6	0.1
Q3	-0.7	-	-0.1	0.1	-0.2	-
Q4	0.9	-0.1	-	0.4	-0.2	-
2017 Q1	-0.1	-0.2	-0.4	2.3	0.6	0.3
Q2	-0.5	0.6	0.9	0.1	-	0.4
Q3	0.1	-0.2	-1.2	2.2	1.9	5.6
Q4	-1.6	-	1.1	-0.8	0.6	0.1
2018 Q1	0.2	0.4	0.4	0.7	-0.3	-
Q2	2.1	0.2	1.6	0.6	-2.4	-
Q3	0.2	0.9	-0.2	-1.0	0.1	-
Q4	-0.1	0.1	0.7	-1.5	0.5	0.2
2019 Q1	0.4	-0.5	-0.6	-0.7	0.5	0.1
Q2	-0.1	1.4	1.3	0.4	0.6	1.3
Q3	-0.2	0.2	0.2	0.1	0.2	0.9
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>						
2015 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	1.7	3.0	4.5
Q3	-1.0	0.5	0.6	1.3	2.1	4.1
Q4	-0.8	-0.9	0.4	0.6	2.2	4.2
2017 Q1	-0.6	-0.2	-0.2	2.6	0.8	0.4
Q2	-0.4	0.3	0.4	2.9	0.2	0.7
Q3	0.5	0.1	-0.7	5.1	2.3	6.3
Q4	-2.1	0.2	0.4	3.8	3.0	6.4
2018 Q1	-1.8	0.8	1.2	2.2	2.2	6.1
Q2	0.8	0.4	1.9	2.8	-0.3	5.7
Q3	0.8	1.5	3.0	-0.5	-2.0	0.1
Q4	2.4	1.6	2.6	-1.1	-2.1	0.2
2019 Q1	2.6	0.7	1.5	-2.5	-1.4	0.3
Q2	0.4	1.9	1.2	-2.8	1.6	1.6
Q3	-	1.2	1.6	-1.7	1.7	2.5

p = provisional. r = revised

Source: Office for National Statistics

# 3 Services Producer Price Indices - Industry

continued

2010 = 100 (SIC2007)

	Education	Other Services
	Adult Education 85.59	Commercial Washing & Dry Cleaning 96.01
<b>Annual</b>		
	K8ZG	K8ZM
2015	103.9	104.0
2016	105.0	106.2
2017	104.9	101.6
2018	107.7	102.6
<b>Percentage change, latest year on previous year</b>		
2015	0.1	1.4
2016	1.1	2.1
2017	-0.1	-4.3
2018	2.7	1.0
<b>Quarterly results (not seasonally adjusted)</b>		
2015 Q4	104.5	104.3
2016 Q1	105.5	104.6
Q2	105.0	106.9
Q3	104.8	106.9
Q4	104.7	106.5
2017 Q1	105.8	101.5
Q2	106.7	101.7
Q3	103.2	101.7
Q4	103.8	101.7
2018 Q1	102.8	102.0
Q2	109.9	102.1
Q3	110.6	102.2
Q4	107.4	104.1
2019 Q1	109.5	104.9
Q2	110.8p	105.6p
Q3	110.8p	106.8p
<b>Percentage change, latest quarter on previous quarter</b>		
2015 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	-4.7
Q2	0.9	0.2
Q3	-3.3	-
Q4	0.6	-
2018 Q1	-1.0	0.3
Q2	6.9	0.1
Q3	0.6	0.1
Q4	-2.9	1.9
2019 Q1	2.0	0.8
Q2	1.2	0.7
Q3	-	1.1
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>		
2015 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	-3.0
Q2	1.6	-4.9
Q3	-1.5	-4.9
Q4	-0.9	-4.5
2018 Q1	-2.8	0.5
Q2	3.0	0.4
Q3	7.2	0.5
Q4	3.5	2.4
2019 Q1	6.5	2.8
Q2	0.8	3.4
Q3	0.2	4.5

# 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		
2015 Q4	-	-	-	-	-	-
2016 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2017 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2018 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-0.1	-0.1	-0.1	-	-	-
Q4	-0.1	-	-0.1	-	-	-
2019 Q1	-0.3	-0.2	-0.3	-0.3	-0.2	-0.2
Q2	-0.3	-	-0.2	-0.3	-	-0.3
Q3	..	..	..	..	..	..

Source: Office for National Statistics

# 2R Services Producer Price Indices - Section Revisions

2010=100 (SIC2007)

	Water Supply, Sewerage and Waste Management			Wholesale, Retail Trade 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		
2015 Q4	-	-	-	-	-	-
2016 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2017 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2018 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2019 Q1	-	-	-	-	-	-
Q2	-0.1	-0.1	-0.1	0.1	0.1	0.1
Q3	..	..	..	..	..	..

	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		
2015 Q4	-	-	-	-	-	-
2016 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2017 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2018 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	0.1	0.1	0.1
2019 Q1	-	-	-	-0.1	-0.2	-0.1
Q2	-	-	-	0.1	0.2	0.1
Q3	..	..	..	..	..	..

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		
2015 Q4	-	-	-	-	-	-
2016 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2017 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2018 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-0.3	-0.3	-0.3	-	-	-
Q4	-0.3	-	-0.3	-	-	-
2019 Q1	-1.1	-0.8	-1.1	-	-	-
Q2	-1.0	0.1	-0.9	0.1	0.1	0.1
Q3	..	..	..	..	..	..

	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		
2015 Q4	-	-	-	-	-	-
2016 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2017 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2018 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2019 Q1	-	-	-	-0.5	-0.5	-0.5
Q2	-0.3	-0.3	-0.2	0.1	0.6	0.1
Q3	..	..	..	..	..	..

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		
2015 Q4	-	-	-	-	-	-
2016 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2017 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2018 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2019 Q1	-	-	-	-	-	-
Q2	-	-	-	-0.1	-0.1	-0.1
Q3	..	..	..	..	..	..

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
<b>Annual</b>				
	K8PX	K8Q3	K8QL	K8QW
2015	-	-	-	-
2016	-	-	-	-
2017	-	-	-	-
2018	-	-	-	-
<b>Percentage change, latest year on previous year</b>				
2015	-	-	-	-
2016	-	-	-	-
2017	-	-	-	-
2018	-	-	-	-
<b>Quarterly results (not seasonally adjusted)</b>				
2015 Q4	-	-	-	-
2016 Q1	-	-	-	-
Q2	-	-	-	-
Q3	-	-	-	-
Q4	-	-	-	-
2017 Q1	-	-	-	-
Q2	-	-	-	-
Q3	-	-	-	-
Q4	-	-	-	-
2018 Q1	-	-	-	-
Q2	-	-	-	-
Q3	-	-	-	-
Q4	-	-	-	-
2019 Q1	-	-	-	-
Q2	-	-0.3	0.3	0.1
Q3	..	..	..	..
<b>Percentage change, latest quarter on previous quarter</b>				
2015 Q4	-	-	-	-
2016 Q1	-	-	-	-
Q2	-	-	-	-
Q3	-	-	-	-
Q4	-	-	-	-
2017 Q1	-	-	-	-
Q2	-	-	-	-
Q3	-	-	-	-
Q4	-	-	-	-
2018 Q1	-	-	-	-
Q2	-	-	-	-
Q3	-	-	-	-
Q4	-	-	-	-
2019 Q1	-	-	-	-
Q2	-	-0.3	0.4	0.1
Q3	..	..	..	..
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>				
2015 Q4	-	-	-	-
2016 Q1	-	-	-	-
Q2	-	-	-	-
Q3	-	-	-	-
Q4	-	-	-	-
2017 Q1	-	-	-	-
Q2	-	-	-	-
Q3	-	-	-	-
Q4	-	-	-	-
2018 Q1	-	-	-	-
Q2	-	-	-	-
Q3	-	-	-	-
Q4	-	-	-	-
2019 Q1	-	-	-	-
Q2	-	-0.3	0.3	0.1
Q3	..	..	..	..



# 3R Services Producer Prices Indices - Industry Revisions

continued

2010 = 100 (SIC2007)

	Transportation and Storage					
	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
<b>Annual</b>						
	K8QY	K8R2	K8RE	K8RO	K8RW	K8S5
2015	-	-	-	-	-	-
2016	-	-	-	-	-	-
2017	-	-	-	-	-	-
2018	-	-	-	-	-	-
<b>Percentage change, latest year on previous year</b>						
2015	-	-	-	-	-	-
2016	-	-	-	-	-	-
2017	-	-	-	-	-	-
2018	-	-	-	-	-	-
<b>Quarterly results (not seasonally adjusted)</b>						
2015 Q4	-	-	-	-	-	-
2016 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2017 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2018 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-0.1	-	-	-
2019 Q1	-	-	-0.1	-	-	-
Q2	-	-	-3.1	-	-	-
Q3	..	..	..	..	..	..
<b>Percentage change, latest quarter on previous quarter</b>						
2015 Q4	-	-	-	-	-	-
2016 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2017 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2018 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-0.1	-	-	-
2019 Q1	-	-	-	-	-	-
Q2	-	-	-2.7	-	-	-
Q3	..	..	..	..	..	..
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>						
2015 Q4	-	-	-	-	-	-
2016 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2017 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2018 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-0.1	-	-	-
2019 Q1	-	-	-0.1	-	-	-
Q2	-	-	-2.8	-	-	-
Q3	..	..	..	..	..	..

# 3R Services Producer Prices Indices - Industry Revisions

continued

2010 = 100 (SIC2007)

	Transportation and Storage					
	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
<b>Annual</b>	K8S9	KS7Z	KHU3	K8SD	K8SW	K8SY
2015	-	-	-	-	-	-
2016	-	-	-	-	-	-
2017	-	-	-	-	-	-
2018	-	-	-	-	-	-
<b>Percentage change, latest year on previous year</b>						
2015	-	-	-	-	-	-
2016	-	-	-	-	-	-
2017	-	-	-	-	-	-
2018	-	-	-	-	-	-
<b>Quarterly results (not seasonally adjusted)</b>						
2015 Q4	-	-	-	-	-	-
2016 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2017 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2018 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	0.1
2019 Q1	-	-	-	-	-	-
Q2	-	-	0.1	0.1	-	0.1
Q3	..	..	..	..	..	..
<b>Percentage change, latest quarter on previous quarter</b>						
2015 Q4	-	-	-	-	-	-
2016 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2017 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2018 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	0.1
2019 Q1	-	-	-	-	-	-0.1
Q2	-	-	0.1	0.1	-	0.1
Q3	..	..	..	..	..	..
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>						
2015 Q4	-	-	-	-	-	-
2016 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2017 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	-
2018 Q1	-	-	-	-	-	-
Q2	-	-	-	-	-	-
Q3	-	-	-	-	-	-
Q4	-	-	-	-	-	0.1
2019 Q1	-	-	-	-	-	-
Q2	-	-	0.1	0.1	-	0.1
Q3	..	..	..	..	..	..

	Accommodation & Food		Information & Communication				Banking
	Hotels	Canteens & Catering	Publishing Services	Sound Recording & Music Publishing	Telecommunications	Computer Services	Financial Intermediation (Banks)
	55.10	56.20	58.10	59.20	61.10	62.00	64.19/1
<b>Annual</b>							
	K8TE	K8TP	K8TV	K8UF	K8UI	K8UK	KB2S
2015	-	-	-	-	-	-	..
2016	-	-	-	-	-	-	..
2017	-	-	-	-	-	-	..
2018	0.1	-	-	-	-0.6	-	..
<b>Percentage change, latest year on previous year</b>							
2015	-	-	-	-	-	-	..
2016	-	-	-	-	-	-	..
2017	-	-	-	-	-	-	..
2018	0.1	-	-	-	-0.7	-	..
<b>Quarterly results (not seasonally adjusted)</b>							
2015 Q4	-	-	-	-	-	-	..
2016 Q1	-	-	-	-	-	-	..
Q2	-	-	-	-	-	-	..
Q3	-	-	-	-	-	-	..
Q4	-	-	-	-	-	-	..
2017 Q1	-	-	-	-	-	-	..
Q2	-	-	-	-	-	-	..
Q3	-	-	-	-	-	-	..
Q4	-	-	-	-	-	-	..
2018 Q1	-	-	-	-	-	-	..
Q2	-	-	-	-	-	-	..
Q3	0.1	-	-	-	-1.1	-	..
Q4	0.1	-	-	-	-1.0	-	..
2019 Q1	-0.3	-	-	-	-3.7	-	..
Q2	-	0.1	-0.1	0.2	-3.7	-	..
Q3	..	..	..	..	..	..	..
<b>Percentage change, latest quarter on previous quarter</b>							
2015 Q4	-	-	-	-	-	-	..
2016 Q1	-	-	-	-	-	-	..
Q2	-	-	-	-	-	-	..
Q3	-	-	-	-	-	-	..
Q4	-	-	-	-	-	-	..
2017 Q1	-	-	-	-	-	-	..
Q2	-	-	-	-	-	-	..
Q3	-	-	-	-	-	-	..
Q4	-	-	-	-	-	-	..
2018 Q1	-	-	-	-	-	-	..
Q2	-	-	-	-	-	-	..
Q3	0.1	-	-	-	-1.3	-	..
Q4	-	-	-	-	0.2	-	..
2019 Q1	-0.4	-	-	-	-3.2	-	..
Q2	0.3	0.1	-0.1	0.2	-	-	..
Q3	..	..	..	..	..	..	..
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>							
2015 Q4	-	-	-	-	-	-	..
2016 Q1	-	-	-	-	-	-	..
Q2	-	-	-	-	-	-	..
Q3	-	-	-	-	-	-	..
Q4	-	-	-	-	-	-	..
2017 Q1	-	-	-	-	-	-	..
Q2	-	-	-	-	-	-	..
Q3	-	-	-	-	-	-	..
Q4	-	-	-	-	-	-	..
2018 Q1	-	-	-	-	-	-	..
Q2	-	-	-	-	-	-	..
Q3	0.1	-	-	-	-1.3	-	..
Q4	0.1	-	-	-	-1.2	-	..
2019 Q1	-0.3	-	-	-	-4.5	-	..
Q2	-	0.1	-0.1	0.2	-4.5	-	..
Q3	..	..	..	..	..	..	..

# 3R Services Producer Prices Indices - Industry Revisions

continued

2010 = 100 (SIC2007)

	Real Estate Activities		Professional Scientific & Technical Activities				
	Property Rentals 68.20	Real Estate Agencies 68.30	Legal Services 69.10	Accountancy 69.20	Management Consultancy 70.22	Architectural Services 71.11	Engineering & Related Services 71.12
<b>Annual</b>							
	K8VA	K8VC	KHW5	KHX6	KOP4	KHY2	KHY7
2015	-	-	-	-	-	-	-
2016	-	-	-	-	-	-	-
2017	-	-	-	-	-	-	-
2018	-	-	-	-	-	-	-
<b>Percentage change, latest year on previous year</b>							
2015	-	-	-	-	-	-	-
2016	-	-	-	-	-	-	-
2017	-	-	-	-	-	-	-
2018	-	-	-	-	-	-	-
<b>Quarterly results (not seasonally adjusted)</b>							
2015 Q4	-	-	-	-	-	-	-
2016 Q1	-	-	-	-	-	-	-
Q2	-	-	-	-	-	-	-
Q3	-	-	-	-	-	-	-
Q4	-	-	-	-	-	-	-
2017 Q1	-	-	-	-	-	-	-
Q2	-	-	-	-	-	-	-
Q3	-	-	-	-	-	-	-
Q4	-	-	-	-	-	-	-
2018 Q1	-	-	-	-	-	-	-
Q2	-	-	-	-	-	-	-
Q3	-	-	-	-	-	-	-
Q4	-	-	-	-	-	-	-
2019 Q1	-	-	-0.2	-	-	-	-
Q2	-	-	0.3	1.0	-	-	-0.2
Q3	..	..	..	..	..	..	..
<b>Percentage change, latest quarter on previous quarter</b>							
2015 Q4	-	-	-	-	-	-	-
2016 Q1	-	-	-	-	-	-	-
Q2	-	-	-	-	-	-	-
Q3	-	-	-	-	-	-	-
Q4	-	-	-	-	-	-	-
2017 Q1	-	-	-	-	-	-	-
Q2	-	-	-	-	-	-	-
Q3	-	-	-	-	-	-	-
Q4	-	-	-	-	-	-	-
2018 Q1	-	-	-	-	-	-	-
Q2	-	-	-	-	-	-	-
Q3	-	-	-	-	-	-	-
Q4	-	-	-	-	-	-	-
2019 Q1	-	-	-0.2	-	-	-	-
Q2	-	-	0.4	0.8	-	-	-0.2
Q3	..	..	..	..	..	..	..
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>							
2015 Q4	-	-	-	-	-	-	-
2016 Q1	-	-	-	-	-	-	-
Q2	-	-	-	-	-	-	-
Q3	-	-	-	-	-	-	-
Q4	-	-	-	-	-	-	-
2017 Q1	-	-	-	-	-	-	-
Q2	-	-	-	-	-	-	-
Q3	-	-	-	-	-	-	-
Q4	-	-	-	-	-	-	-
2018 Q1	-	-	-	-	-	-	-
Q2	-	-	-	-	-	-	-
Q3	-	-	-	-	-	-	-
Q4	-	-	-	-	-	-	-
2019 Q1	-	-	-0.2	-	-	-	-
Q2	-	-	0.2	0.8	-	-	-0.2
Q3	..	..	..	..	..	..	..

### 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
<b>Annual</b>					
	K8WD	KOQ5	K8X7	K8XC	K8XI
2015	-	-	-	-	-
2016	-	-	-	-	-
2017	-	-	-	-	-
2018	-	-	-	-	-
<b>Percentage change, latest year on previous year</b>					
2015	-	-	-	-	-
2016	-	-	-	-	-
2017	-	-	-	-	-
2018	-	-	-	-	-
<b>Quarterly results (not seasonally adjusted)</b>					
2015 Q4	-	-	-	-	-
2016 Q1	-	-	-	-	-
Q2	-	-	-	-	-
Q3	-	-	-	-	-
Q4	-	-	-	-	-
2017 Q1	-	-	-	-	-
Q2	-	-	-	-	-
Q3	-	-	-	-	-
Q4	-	-	-	-	-
2018 Q1	-	-	-	-	-
Q2	-	-	-	-	-
Q3	-	-	-	-	-
Q4	-	-	-	-	-
2019 Q1	-	-	-	-	-
Q2	-0.1	-2.9	-0.2	-	-
Q3	..	..	..	..	..
<b>Percentage change, latest quarter on previous quarter</b>					
2015 Q4	-	-	-	-	-
2016 Q1	-	-	-	-	-
Q2	-	-	-	-	-
Q3	-	-	-	-	-
Q4	-	-	-	-	-
2017 Q1	-	-	-	-	-
Q2	-	-	-	-	-
Q3	-	-	-	-	-
Q4	-	-	-	-	-
2018 Q1	-	-	-	-	-
Q2	-	-	-	-	-
Q3	-	-	-	-	-
Q4	-	-	-	-	-
2019 Q1	-	-	-	-	-
Q2	-0.1	-2.8	-0.2	-	-
Q3	..	..	..	..	..
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>					
2015 Q4	-	-	-	-	-
2016 Q1	-	-	-	-	-
Q2	-	-	-	-	-
Q3	-	-	-	-	-
Q4	-	-	-	-	-
2017 Q1	-	-	-	-	-
Q2	-	-	-	-	-
Q3	-	-	-	-	-
Q4	-	-	-	-	-
2018 Q1	-	-	-	-	-
Q2	-	-	-	-	-
Q3	-	-	-	-	-
Q4	-	-	-	-	-
2019 Q1	-	-	-	-	-
Q2	-0.1	-2.7	-0.2	-	-
Q3	..	..	..	..	..

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
<b>Annual</b>	K8XQ	K8XZ	K8YH	K8YQ	K8Z2	K8Z9
2015	-	-	-	-	..	-
2016	-	-	-	-	..	-
2017	-	-	-	-	..	-
2018	-	-	-	-0.4	..	-
<b>Percentage change, latest year on previous year</b>						
2015	-	-	-	-	..	-
2016	-	-	-	-	..	-
2017	-	-	-	-	..	-
2018	-	-	-	-0.4	..	-
<b>Quarterly results (not seasonally adjusted)</b>						
2015 Q4	-	-	-	-	..	-
2016 Q1	-	-	-	-	..	-
Q2	-	-	-	-	..	-
Q3	-	-	-	-	..	-
Q4	-	-	-	-	..	-
2017 Q1	-	-	-	-	..	-
Q2	-	-	-	-	..	-
Q3	-	-	-	-	..	-
Q4	-	-	-	-	..	-
2018 Q1	-	-	-	-	..	-
Q2	-	-	-	-	..	-
Q3	-	-	-	-0.7	..	-
Q4	-	-	-	-0.8	..	-
2019 Q1	0.5	-0.8	0.1	-0.8	..	-
Q2	0.5	0.2	-	-0.7	..	0.2
Q3	..	..	..	..	..	..
<b>Percentage change, latest quarter on previous quarter</b>						
2015 Q4	-	-	-	-	..	-
2016 Q1	-	-	-	-	..	-
Q2	-	-	-	-	..	-
Q3	-	-	-	-	..	-
Q4	-	-	-	-	..	-
2017 Q1	-	-	-	-	..	-
Q2	-	-	-	-	..	-
Q3	-	-	-	-	..	-
Q4	-	-	-	-	..	-
2018 Q1	-	-	-	-	..	-
Q2	-	-	-	-	..	-
Q3	-	-	-	-0.6	..	-
Q4	-	-	-	-0.1	..	-
2019 Q1	0.5	-0.8	0.1	-	..	-
Q2	-	1.0	-0.1	0.1	..	0.2
Q3	..	..	..	..	..	..
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>						
2015 Q4	-	-	-	-	..	-
2016 Q1	-	-	-	-	..	-
Q2	-	-	-	-	..	-
Q3	-	-	-	-	..	-
Q4	-	-	-	-	..	-
2017 Q1	-	-	-	-	..	-
Q2	-	-	-	-	..	-
Q3	-	-	-	-	..	-
Q4	-	-	-	-	..	-
2018 Q1	-	-	-	-	..	-
Q2	-	-	-	-	..	-
Q3	-	-	-	-0.6	..	-
Q4	-	-	-	-0.7	..	-
2019 Q1	0.5	-0.8	0.1	-0.7	..	-
Q2	0.5	0.2	-	-0.6	..	0.2
Q3	..	..	..	..	..	..

# 3R Services Producer Prices Indices - Industry Revisions

continued

2010 = 100 (SIC2007)

	Education	Other Services
	Adult Education 85.59	Commercial Washing & Dry Cleaning 96.01
<b>Annual</b>		
	K8ZG	K8ZM
2015	-	-
2016	-	-
2017	-	-
2018	-	-
<b>Percentage change, latest year on previous year</b>		
2015	-	-
2016	-	-
2017	-	-
2018	-	-
<b>Quarterly results (not seasonally adjusted)</b>		
2015 Q4	-	-
2016 Q1	-	-
Q2	-	-
Q3	-	-
Q4	-	-
2017 Q1	-	-
Q2	-	-
Q3	-	-
Q4	-	-
2018 Q1	-	-
Q2	-	-
Q3	-	-
Q4	-	-
2019 Q1	-	-
Q2	-	-0.1
Q3	..	..
<b>Percentage change, latest quarter on previous quarter</b>		
2015 Q4	-	-
2016 Q1	-	-
Q2	-	-
Q3	-	-
Q4	-	-
2017 Q1	-	-
Q2	-	-
Q3	-	-
Q4	-	-
2018 Q1	-	-
Q2	-	-
Q3	-	-
Q4	-	-
2019 Q1	-	-
Q2	-	-0.1
Q3	..	..
<b>Percentage change, latest quarter on corresponding quarter of previous year</b>		
2015 Q4	-	-
2016 Q1	-	-
Q2	-	-
Q3	-	-
Q4	-	-
2017 Q1	-	-
Q2	-	-
Q3	-	-
Q4	-	-
2018 Q1	-	-
Q2	-	-
Q3	-	-
Q4	-	-
2019 Q1	-	-
Q2	-	-0.1
Q3	..	..