

Statistical bulletin

Producer price inflation, UK: March 2017

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).



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1 . Main points

- The annual rate of producer price inflation fell back slightly in March 2017.
- Factory gate prices (output prices) rose 3.6% on the year to March 2017, from 3.7% in February 2017, which is the ninth consecutive period of annual price growth.
- Prices for materials and fuels which are paid by UK manufacturers for processing (input prices) rose 17.9% on the year, which is a slight decrease from February 2017; this is the ninth consecutive period of annual price growth.
- Prices of imported materials and fuels increased 17.1% on the year to March 2017, which is the second consecutive month inflation from imported materials and fuels has been lower than total inputs.
- A recent spike in export prices following the depreciation of sterling resulted in a boost to export turnover for manufacturers of motor vehicles, trailers and semi-trailers.

2 . Things you need to know about this release

The factory gate price (output price) is the amount received by UK manufacturers for the goods that they sell to the domestic market. It includes the margin that businesses make on goods, in addition to costs such as labour, raw materials and energy, as well as interest on loans, site or building maintenance, or rent.

The input price measures the price of materials and fuels bought by UK manufacturers for processing. It includes materials and fuels that are both imported or sourced within the domestic market. It is also not limited to materials used in the final product, but includes what is required by businesses in their normal day-to-day running, such as fuels.

Index numbers shown in the main text of this bulletin are on a net sector basis. The index for any sector relates only to transactions between that sector and other sectors; sales and purchases within sectors are excluded.

Indices relate to average prices for a month. The full effect of a price change occurring part way through any month will only be reflected in the following month's index.

All index numbers exclude VAT. Excise duty (on cigarettes, manufactured tobacco, alcoholic liquor and petroleum products) is included, except where labelled otherwise.

Each Producer Price Index (PPI) has 2 unique identifiers: a 10-digit index number, which relates to the [Standard Industrial Classification](#) code appropriate to the index and a 4-character alpha-numeric code, which can be used to find series when using the [time series dataset](#) for PPI.

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

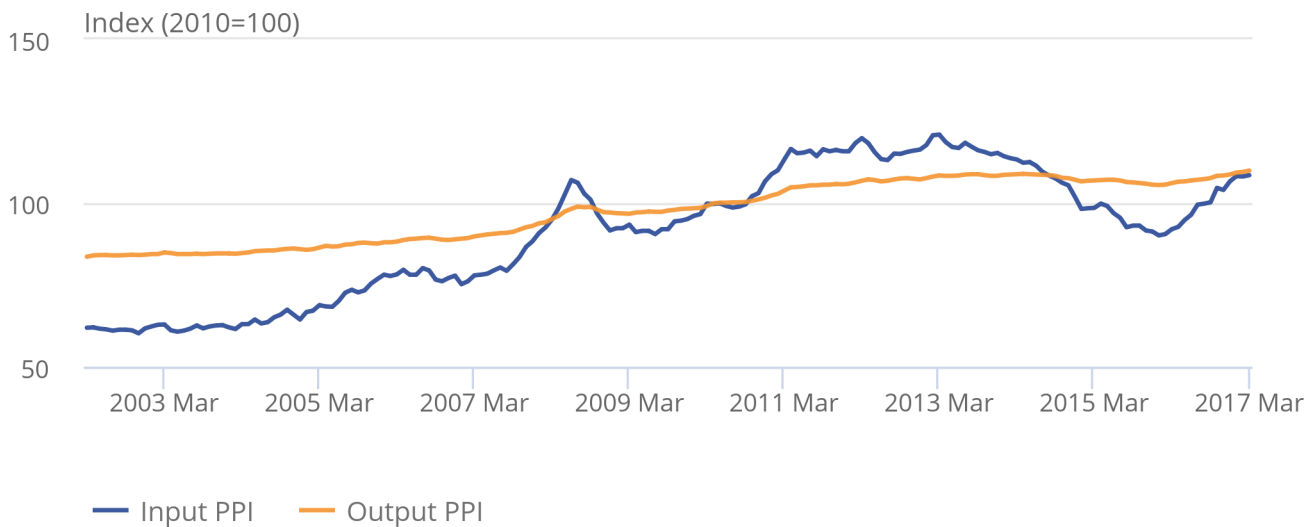
Figures for the latest 2 months are provisional and the latest 5 months are subject to revisions in light of (a) late and revised respondent data and (b) for the seasonally adjusted series, revisions to seasonal adjustment factors are re-estimated every month. A routine seasonal adjustment review is normally conducted in the autumn each year.

Full definitions of the terms used within this analysis can be found in the Quality and methodology section within this bulletin.

3 . Producer price inflation summary

Figure 1: Input and output PPI, UK, March 2002 to March 2017

Figure 1: Input and output PPI, UK, March 2002 to March 2017



Source: Office for National Statistics

Over the past 15 years, input Producer Price Index (PPI) has experienced large peaks and troughs and strong overall growth, driven by global movements in prices for crude oil and commodities (Figure 1). Between March 2002 and March 2017, input prices increased 75%, which was mainly fuelled by crude oil prices which rose 166% over the period. Output prices increased 31% across the same period.

More recently we have seen input prices move out of a period of deflation between November 2013 and June 2016. Since June 2016 the annual rate of input inflation has steadily grown, reaching a peak of 20.1% in January 2017. Output prices also moved out of a period of deflation in July 2016 following 24 months of falling prices.

Since the pre-downturn peak in mid-2008, output prices have grown 11.1%, while input prices are only slightly higher in March 2017 than they were back in June 2008. This suggests that while the UK production sector is currently bearing the same overall cost for materials and fuels that it was in mid-2008, the amount it receives for goods at the factory gate is 11.1% higher.

Table 1: Input prices

UK, October 2016 to March 2017

		Percentage change			
		All materials and fuels purchased		Imported materials and fuels purchased	
		1 month	12 months	1 month	12 months
2016	Oct	4.4	12.4	4.5	14.0
	Nov	-0.6	13.5	-1.5	14.6
	Dec	2.5	16.8	1.7	17.3
2017	Jan	1.5	20.1	2.3	20.2
	Feb	-0.1	19.4	-0.6	19.1
	Mar	0.4	17.9	0.8	17.1

Source: Office for National Statistics

Notes:

1. Both series are not seasonally adjusted.

Manufacturers have seen a steep rise in input costs over the past 12 months. The main drivers of this are higher prices for crude oil and the lower value of sterling, which has led to higher input costs associated with imported materials and fuels.

The annual rate of inflation for all materials and fuels has fallen back slightly in the past 2 months however, from a peak of 20.1% in January 2017 (Table 1). This could be down to the combined effect of a stronger sterling in recent months, following the sharp depreciation after June 2016, and base period effects.

While sterling was down 10.7% on the year in March 2017, it has been moving in an upward direction since its peak fall of 18.4% in October 2016. All else equal, when sterling appreciates in value, as it has since October 2016, prices for imports fall. This is likely to be the main reason why the annual rate of imported materials and fuels has fallen below the rate for all materials and fuels in the past 2 months (Table 1).

In terms of the base period effect, in January 2016 input PPI reached its lowest level following a long period of consecutive falls. After January 2016 prices steadily moved in an upward direction, meaning growth in 2017 needs to exceed growth in 2016 for the annual rate to grow, which has not been the case in February and March.

Table 2: Input prices, 1-month and 12-month percentage change to March 2017

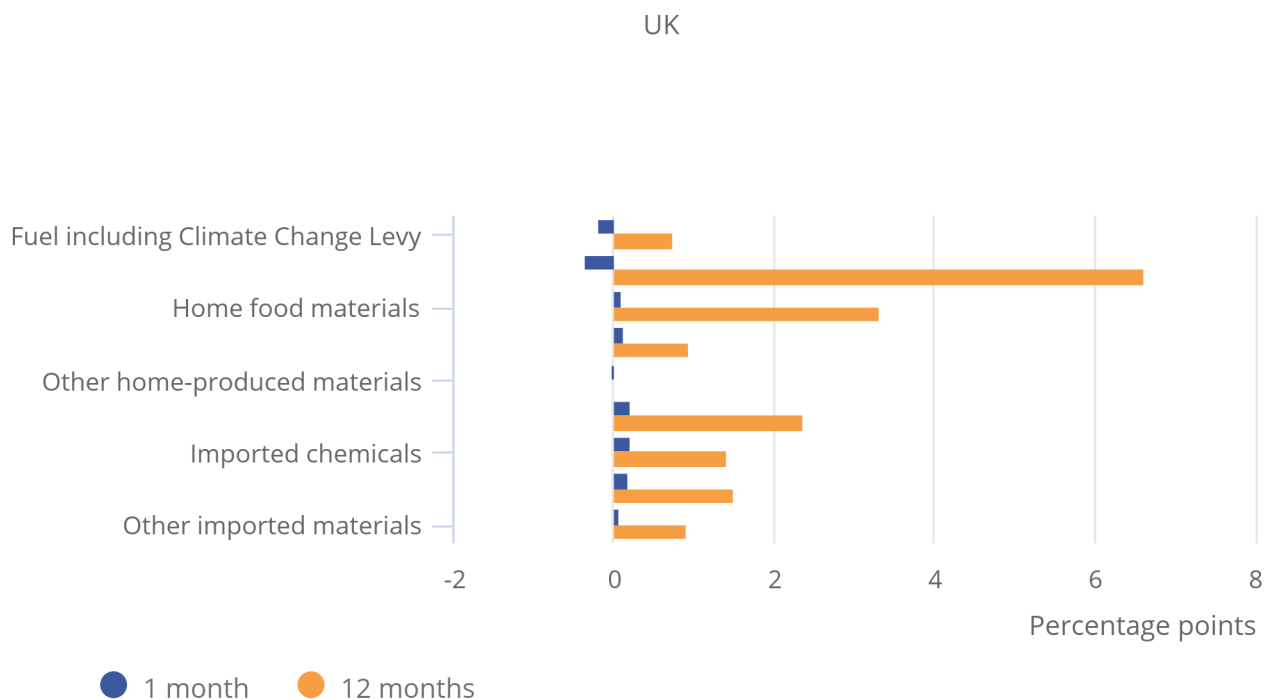
Product group	UK	
	Percentage change	
	1 month	12 month
Fuel including Climate Change Levy	-1.5	6.1
Crude oil	-1.8	56.1
Home food materials	0.6	24.4
Imported food materials	1.5	11.9
Other home-produced materials	0.1	0.7
Imported metals	2.5	33.1
Imported chemicals	1.5	9.8
Imported parts and equipment	1.0	7.7
Other imported materials	0.8	9.4
All manufacturing	0.4	17.9

Source: Office for National Statistics

Figure 2: Input PPI, contribution to 1-month and 12-month growth rate, March 2017

UK

Figure 2: Input PPI, contribution to 1-month and 12-month growth rate, March 2017



Source: Office for National Statistics

Figure 2 shows the contributions by sector to the monthly and annual input price inflation rate. Crude oil provided the largest contribution of 6.64 percentage points to the annual rate, although on the month it provided a downward contribution of 0.34 percentage points. Inputs of crude oil increased 56.1% on the year to March 2017 and decreased by 1.8% on the month, which has reduced from the February figure.

Home food materials and imported metals prices provided the second- and third-largest contributions to the annual rate, with 3.31 and 2.38 percentage points respectively.

The annual rate for home food materials has been growing for the past 11 months, with the March figure being the highest annual increase seen since July 2008 when it was 25.7%. The main contributor to the rise in home food materials was crop and animal production, which increased due to a rise in the price of wheat.

The annual rate of inflation for imported metals has now seen 9 months of consecutive growth following 17 months of falling prices. The annual growth rate of 33.1% has fallen back slightly versus February 2017, but is consistent with increases of more than 30% since November 2016. For further analysis on metal prices refer to section 4 of the [February Producer Price Inflation release](#).

Table 3: Output prices

UK, October 2016 to March 2017

		Percentage change	
		All manufactured products	
		1 month	12 months
2016	Oct	0.7	2.1
	Nov	0.1	2.4
	Dec	0.3	2.9
2017	Jan	0.6	3.6
	Feb	0.2	3.7
	Mar	0.4	3.6

Source: Office for National Statistics

Notes:

1. Series is not seasonally adjusted.

The annual rate of inflation for factory gate prices continued to show positive growth on the year to March 2017 with prices increasing 3.6%.

On the month prices increased 0.4%. Monthly inflation has now been growing since February 2016, which is the longest continuous period of growth since November 2011.

Table 4: Output prices, 1-month and 12-month percentage change to March 2017

Product group	UK	
	Percentage Change	
	1 month	12 month
Food products	0.6	2.8
Tobacco and alcohol (incl. duty)	1.6	3.3
Clothing, textile and leather	0.3	1.4
Paper and printing	0.0	1.1
Petroleum products (incl. duty)	-0.9	19.9
Chemical and pharmaceutical	0.1	4.3
Metal, machinery and equipment	0.5	3.9
Computer, electrical and optical	0.1	1.9
Transport equipment	0.4	3.4
Other manufactured products	0.1	0.8
All manufacturing	0.4	3.6

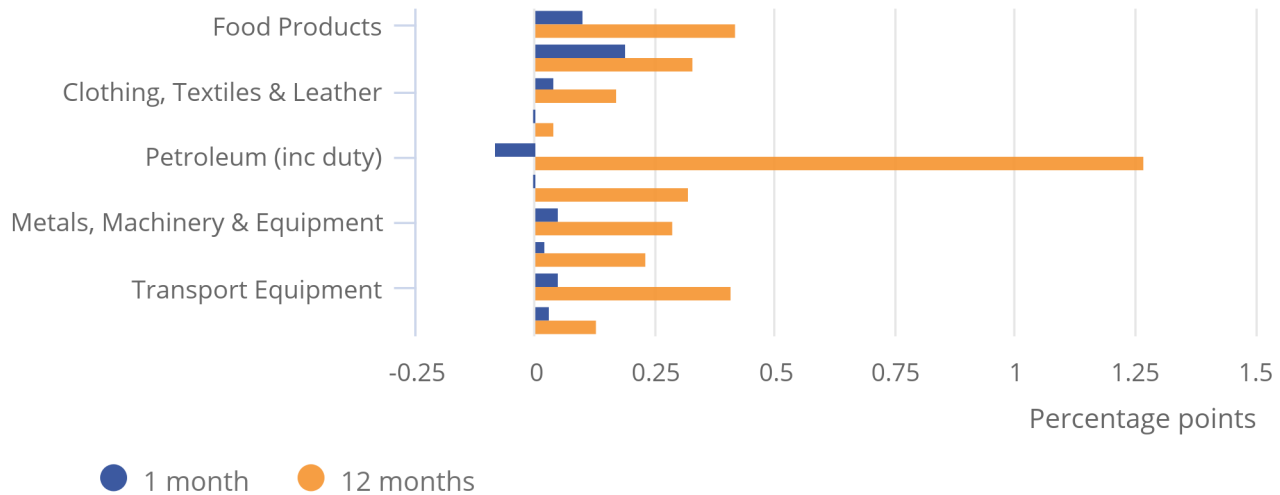
Source: Office for National Statistics

Figure 3: Output PPI, contribution to 1-month and 12-month growth rate

UK, March 2017

Figure 3: Output PPI, contribution to 1-month and 12-month growth rate

UK, March 2017



Source: Office for National Statistics

Petroleum products had an annual growth rate of 19.9% and showed an upward contribution of 1.27 percentage points to the PPI output annual rate (Figure 3). This was driven by diesel and gas oil which increased 17.5% on the year. The rate of increase for petroleum products has slowed versus the previous 2 months of 2017, but is the seventh consecutive increase after 3 years of falling prices.

All sectors showed upward contributions to the annual rate, with food products being the second largest with an annual growth rate of 2.8%, driven by an increase in prices of dairy products. For analysis on food prices please refer to section 4 of [the January Producer Price Inflation release](#). Transport equipment also showed a large annual increase of 3.4% driven by the manufacture of motor vehicles, trailers and semi-trailers (see section 4 for further analysis).

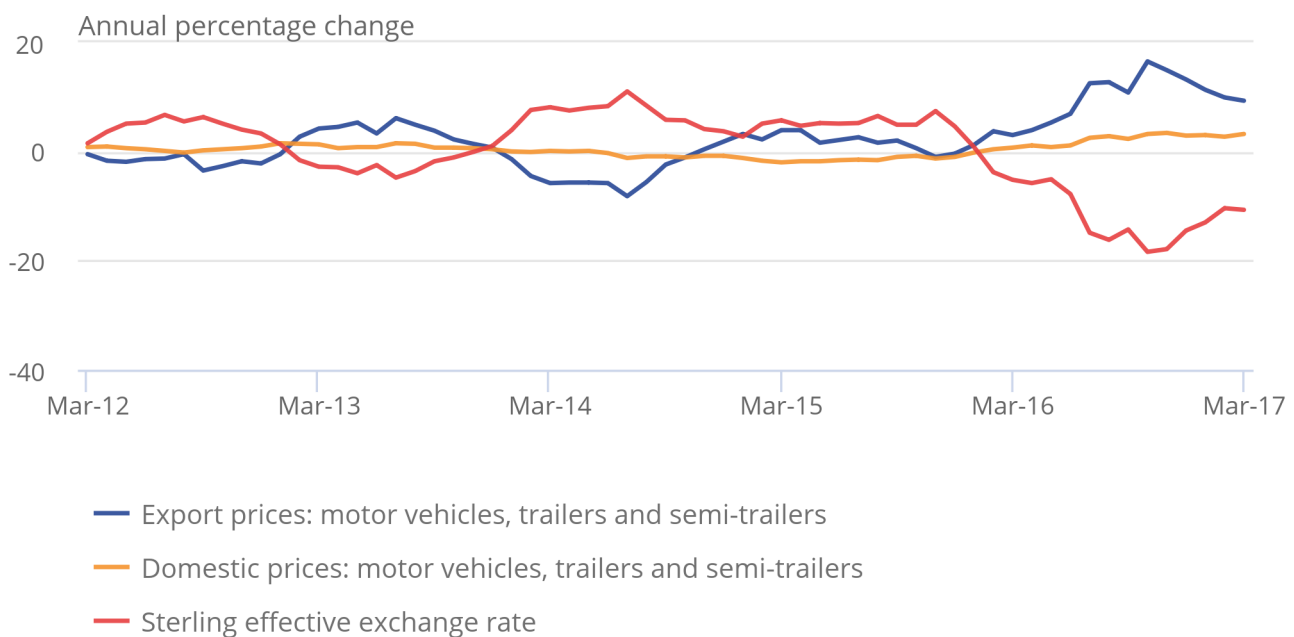
4 . What has led to a rise in factory gate prices and turnover for the manufacture of motor vehicles, trailers and semi-trailers?

Figure 4: Annual price inflation for motor vehicles, trailers and semi-trailers, by domestic and export transactions

UK March 2012 to March 2017

Figure 4: Annual price inflation for motor vehicles, trailers and semi-trailers, by domestic and export transactions

UK March 2012 to March 2017



Source: Office for National Statistics

Notes:

1. Sterling effective exchange rate source: Bank of England.
2. The sterling effective exchange rate is only indicative of the rates applied to producer prices. This is because the sterling effective exchange rate is a trade weighted index that represents all UK trade, whereas producer prices reflect transactions in the production sector.

Figure 4 shows the impact the recent devaluation of sterling had on domestic and export price inflation for motor vehicles, trailers and semi-trailers. Since December 2015 manufacturers have seen a steep rise in the prices they receive for exported goods and to a lesser extent for goods sold domestically. This was largely down to the falling value of sterling across the period, though it is worth noting the different way currency devaluation passes through to domestic and export prices.

Export prices are directly influenced by exchange rate movements, particularly when transactions are carried out in foreign currency. All else equal, a depreciation of sterling leads to an increase in UK export prices when currency is exchanged into sterling, with the opposite being true when sterling appreciates.

Domestic prices can also be influenced by exchange rate movements, though this would be an indirect result of manufacturers passing on changes to input costs associated with imported fuels and materials. The recent increase in domestic prices may therefore be the result of manufacturers raising their domestic prices to compensate for rising input costs over the past year.

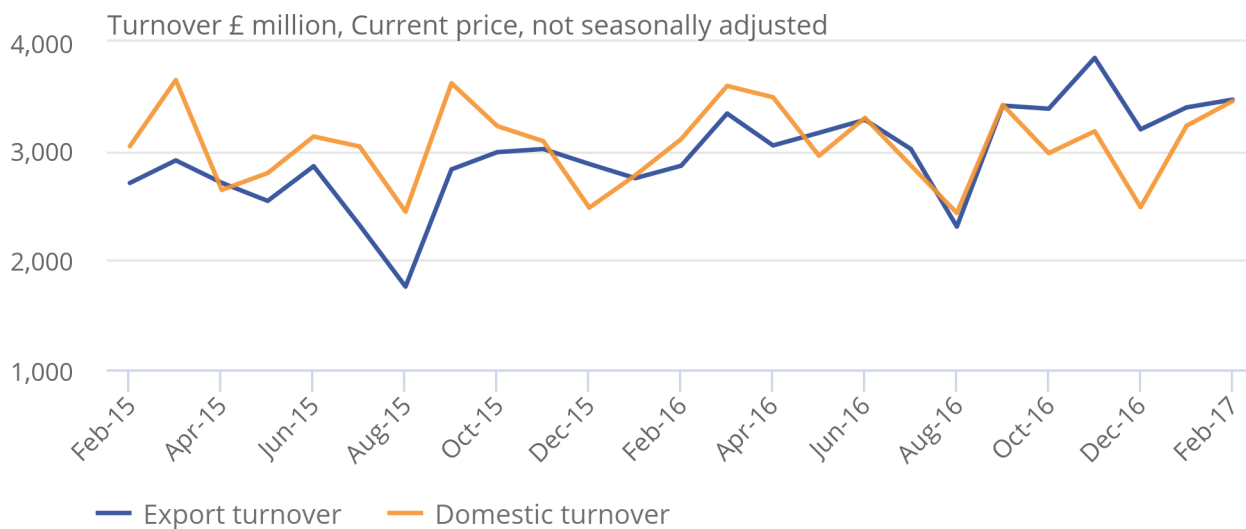
Over the past year motor vehicles, trailers and semi-trailers has been the main contributor to domestic inflation for the transport equipment sector, which in turn has been a key contributor to growth in the domestic PPI headline rate. The transport equipment sector also provided the largest contribution to the manufacturing increase seen in [February Index of Production \(IOP\) growth](#), which has continued its strongest growth since May 2010.

Figure 5: Turnover from domestic and export sales for the manufacture of motor vehicles, trailers and semi-trailers

UK February 2015 to February 2017

Figure 5: Turnover from domestic and export sales for the manufacture of motor vehicles, trailers and semi-trailers

UK February 2015 to February 2017



Source: Office for National Statistics

Notes:

1. Turnover comprises the totals invoiced during the reference period, and this corresponds to market sales of goods supplied to third parties. It does not take into account any inputs costs.
2. Turnover data source: [TOPSI: Manufacturing export turnover](#).

Figure 5 presents domestic and export turnover for the manufacture of motor vehicles, trailers and semi-trailers. The figures show that since September 2016 the spike in export prices (Figure 4) has led to a period where the balance of turnover changed in favour of exports. The figures also suggest the rise in export turnover has helped lift total turnover for this period.

For most of the past 2 years turnover from domestic sales was higher than that from exports. Up until September 2016 turnover from exports was only higher than domestic turnover on 4 separate occasions. However, between October 2016 and January 2017 turnover from export sales exceeded domestic turnover for 4 consecutive periods. In February 2017 the balance of domestic and export turnover reached parity, which is likely down to sterling appreciating in recent months (Figure 4).

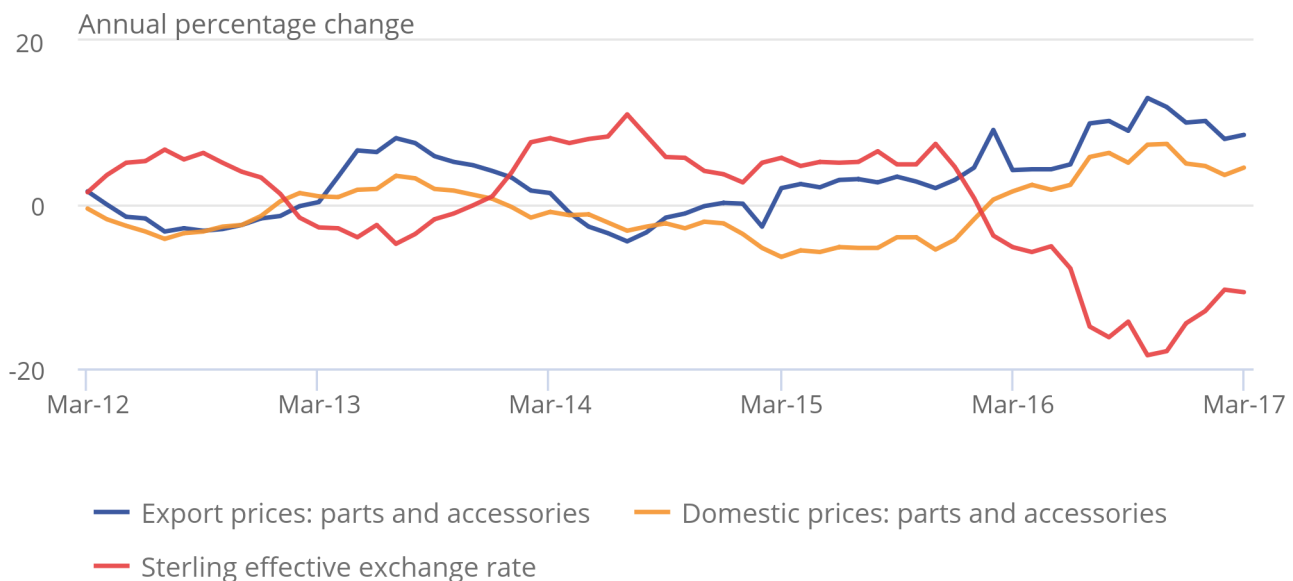
According to [TOPSI: Manufacturing export turnover](#) average total turnover was up 14.1% in the 3 months to February 2017 compared to the same period in 2016. Average turnover from exports increased 18.5% across the same period, while turnover from domestic sales was up 9.6%.

Figure 6: Annual price inflation for parts and accessories, by domestic and export transactions

UK March 2012 to March 2017

Figure 6: Annual price inflation for parts and accessories, by domestic and export transactions

UK March 2012 to March 2017



Source: Office for National Statistics Sterling effective exchange rate source: Bank of England

Notes:

1. Sterling effective exchange rate source: Bank of England.
2. The sterling effective exchange rate is only indicative of the rates applied to producer prices. This is because the sterling effective exchange rate is a trade weighted index that represents all UK trade, whereas producer prices reflect transactions in the production sector.

Figure 6 provides annual price inflation for parts and accessories, which is a contributor to motor vehicles, trailers and semi-trailers. The figures show that movements in the value of sterling have had a larger influence on domestic prices for parts and accessories over the past 5 years compared to domestic prices for motor vehicles, trailers and semi-trailers (Figure 4).

The reason for this is likely to be twofold. Supply chains in the manufacture of parts and accessories tend to be long and complex. Additionally, while parts and accessories are used in the manufacture of motor vehicles, trailers and semi-trailers, the final overall cost for manufacturing motor vehicles, trailers and semi-trailers will include a higher proportion of domestic inputs, such as labour. Exchange rate movements therefore tend to have a lesser influence on the overall price, compared to parts and accessories.

While domestic and export prices for parts and accessories have not tracked each other perfectly over the past 5 years, prices have tended to move more closely together compared to prices for motor vehicles, trailers and semi-trailers (Figure 4). Since December 2015 when the value of sterling started to fall, both domestic and export prices have increased, although domestic prices have seen the steepest rise.

5 . Links to related statistics

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

[PPI Aerospace and Electronic Indices](#)

[PPI MM22 Producer Price Indices](#)

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

A summary of the revisions to PPI data are available in the PPI revision triangles:

[PPI Revision triangle for total output \(12 months\)](#)

[PPI Revision triangle for total output \(1 month\)](#)

[PPI Revision triangle for total input \(12 months\)](#)

[PPI Revision triangle for total input \(1 month\)](#)

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

6 . Quality and methodology

The [PPI 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, [a PPI standard errors article](#) was published March 20 2017. The article presented the calculated standard errors of the Producer Price Index (PPI) during the period January 2016 to December 2016, for both month-on-month and 12-month growth.

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

An up-to-date manual for the PPI, including the import and export index, is now available. [PPI methods and guidance](#) provides an outline of the methods used to produce the PPI as well as information about recent PPI developments.

Gross sector basis figures, which include intra-industry sales and purchases, are shown in [PPI dataset Tables 4 and 6](#).

The detailed input indices of prices of materials and fuels purchased by industry ([PPI dataset Table 6](#)) do not include the Climate Change Levy (CCL). This is because each industry can, in practice, pay its own rate for the various forms of energy, depending on the various negotiated discounts and exemptions that apply.

1 Output Prices: Summary (not seasonally adjusted) - SIC 2007

2010=100, SIC2007

	Net Sector						Gross Sector					
	Output of manufactured products			All manufacturing excluding food, beverages, tobacco and petroleum			Food products, beverages and tobacco, including duty			Coke and refined petroleum products, including duty		
	Index (2010=100)	percentage change over		Index (2010=100)	percentage change over		Index (2010=100)	percentage change over		Index (2010=100)	percentage change over	
		1 mth	12 mths		1 mth	12 mths		1 mth	12 mths		1 mth	12 mths
	7200700000			7200799000			7111101280			7112190080		
	JVZ7			K3BI			K65A			K37Y		
2016 Sep	107.6	0.3	1.2	107.4	–	1.4	110.3	0.5	–0.4	90.2	1.3	1.8
Oct	108.3	0.7	2.1	107.9	0.5	2.0	111.0	0.6	0.6	94.3	4.5	7.5
Nov	108.4	0.1	2.4	108.0	0.1	2.3	111.1	0.1	1.0	93.9	–0.4	8.6
Dec	108.7r	0.3	2.9	108.1	0.1	2.2	111.3	0.2	1.4	95.9	2.1	15.4
2017 Jan	109.3	0.6	3.6	108.6	0.5	2.5	111.8	0.4	1.7	98.2	2.4	23.5
Feb	109.5p	0.2	3.7	108.6p	–	2.4	112.4p	0.5	2.1	98.6p	0.4	23.6
Mar	109.9p	0.4	3.6	108.9p	0.3	2.5	113.1p	0.6	1.9	97.7p	–0.9	19.9

p = provisional
r = revised

Source: Office for National Statistics

2 Net Sector Input Prices, including Climate Change Levy¹: summary (not seasonally adjusted) - SIC 2007

2010=100, SIC2007

	All manufacturing (materials and fuel purchased)			Materials purchased by manufacturing industry			Fuel purchased by manufacturing industry		
	Index (2010=100)	percentage change over		Index (2010=100)	percentage change over		Index (2010=100)	percentage change over	
		1 mth	12 mths		1 mth	12 mths		1 mth	12 mths
		6207000050			6207000010			6207000060	
	K646			K644			K647		
2016 Sep	100.2	0.4	7.6	99.3	0.5	9.4	106.9	–0.3	–5.6
Oct	104.6	4.4	12.4	103.6	4.3	14.2	112.7	5.4	–1.1
Nov	104.0	–0.6	13.5	102.5r	–1.1	15.2	116.9r	3.7	2.3
Dec	106.6r	2.5	16.8	105.0	2.4	19.0	120.7r	3.3	1.9
2017 Jan	108.2	1.5	20.1	107.0	1.9	22.6	119.5	–1.0	5.5
Feb	108.1p	–0.1	19.4	106.7p	–0.3	21.7	120.5p	0.8	6.6
Mar	108.5p	0.4	17.9	107.4p	0.7	19.7	118.7p	–1.5	6.1

¹ The Climate Change Levy was introduced in April 2001.

Source: Office for National Statistics

p = provisional
r = revised

3 Net Sector Output Prices (not seasonally adjusted) - SIC 2007

2010=100, SIC2007

	Output of manufactured products			All manufacturing excluding food, beverages, tobacco and petroleum			All manufacturing, excluding duty ¹		
	Index (2010=100)	percentage change over		Index (2010=100)	percentage change over		Index (2010 = 100)	percentage change over	
		1 month	12 months		1 month	12 months		1 month	12 months
	7200700000			7200799000			7200700010		
	JVZ7			K3BI			JVZ8		
2013 Sep	108.8	-	1.2	104.9	-	0.8	108.6	-	1.4
Oct	108.5	-0.3	0.8	104.9	-	0.8	108.4	-0.2	1.1
Nov	108.3	-0.2	0.8	104.8	-0.1	0.7	108.3	-0.1	1.0
Dec	108.3	-	1.0	104.9	0.1	1.0	108.2	-0.1	1.1
2014 Jan	108.6	0.3	0.9	105.4	0.5	1.2	108.5	0.3	1.0
Feb	108.7	0.1	0.6	105.6	0.2	1.1	108.6	0.1	0.6
Mar	108.8	0.1	0.4	105.8	0.2	1.1	108.9	0.3	0.6
Apr	108.9	0.1	0.6	105.8	-	1.0	108.9	-	0.6
May	108.8	-0.1	0.5	105.8	-	1.0	108.8	-0.1	0.6
Jun	108.7	-0.1	0.3	105.8	-	1.0	108.6	-0.2	0.3
Jul	108.6	-0.1	-0.1	105.7	-0.1	0.8	108.6	-	0.1
Aug	108.5	-0.1	-0.3	105.8	0.1	0.9	108.5	-0.1	-0.1
Sep	108.3	-0.2	-0.5	105.7	-0.1	0.8	108.4	-0.1	-0.2
Oct	107.7	-0.6	-0.7	105.5	-0.2	0.6	107.9	-0.5	-0.5
Nov	107.6	-0.1	-0.6	105.7	0.2	0.9	107.8	-0.1	-0.5
Dec	107.1	-0.5	-1.1	105.7	-	0.8	107.3	-0.5	-0.8
2015 Jan	106.6	-0.5	-1.8	105.9	0.2	0.5	107.0	-0.3	-1.4
Feb	106.8	0.2	-1.7	105.9	-	0.3	107.1	0.1	-1.4
Mar	106.9	0.1	-1.7	105.9	-	0.1	107.3	0.2	-1.5
Apr	107.0	0.1	-1.7	105.9	-	0.1	107.4	0.1	-1.4
May	107.1	0.1	-1.6	105.9	-	0.1	107.4	-	-1.3
Jun	107.1	-	-1.5	105.9	-	0.1	107.4	-	-1.1
Jul	106.9	-0.2	-1.6	105.9	-	0.2	107.3	-0.1	-1.2
Aug	106.4	-0.5	-1.9	105.8	-0.1	-	106.8	-0.5	-1.6
Sep	106.3	-0.1	-1.8	105.9	0.1	0.2	106.7	-0.1	-1.6
Oct	106.1	-0.2	-1.5	105.8	-0.1	0.3	106.5	-0.2	-1.3
Nov	105.9	-0.2	-1.6	105.6	-0.2	-0.1	106.3	-0.2	-1.4
Dec	105.6	-0.3	-1.4	105.8	0.2	0.1	106.1	-0.2	-1.1
2016 Jan	105.5	-0.1	-1.0	106.0	0.2	0.1	106.1	-	-0.8
Feb	105.6	0.1	-1.1	106.1	0.1	0.2	106.2	0.1	-0.8
Mar	106.1	0.5	-0.7	106.2	0.1	0.3	106.6	0.4	-0.7
Apr	106.5	0.4	-0.5	106.4	0.2	0.5	107.0	0.4	-0.4
May	106.6	0.1	-0.5	106.5	0.1	0.6	107.0	-	-0.4
Jun	106.9	0.3	-0.2	106.6	0.1	0.7	107.3	0.3	-0.1
Jul	107.1	0.2	0.2	107.2	0.6	1.2	107.5	0.2	0.2
Aug	107.3	0.2	0.8	107.4	0.2	1.5	107.7	0.2	0.8
Sep	107.6	0.3	1.2	107.4	-	1.4	108.0	0.3	1.2
Oct	108.3	0.7	2.1	107.9	0.5	2.0	108.8	0.7	2.2
Nov	108.4	0.1	2.4	108.0	0.1	2.3	108.8	-	2.4
Dec	108.7r	0.3	2.9	108.1	0.1	2.2	109.1	0.3	2.8
2017 Jan	109.3	0.6	3.6	108.6	0.5	2.5	109.7	0.5	3.4
Feb	109.5p	0.2	3.7	108.6p	-	2.4	109.9p	0.2	3.5
Mar	109.9p	0.4	3.6	108.9p	0.3	2.5	110.1p	0.2	3.3

1 Series JVZ8 excludes excise duties payable on tobacco products, alcoholic liquor and petroleum products.

Source: Office for National Statistics

p = provisional
r = revised

4 Output Prices: Detailed by product (not seasonally adjusted) - SIC 2007

2010=100, SIC2007

								Percentage change		Percentage change	
			2016	2016	2017	2017	2017	1 month		12 months	
			Nov	Dec	Jan	Feb	Mar	2017	2017	2017	2017
						Feb	Mar	Feb	Mar		
Net sector											
Output of manufactured products	JVZ7	7200700000	108.4	108.7r	109.3	109.5p	109.9p	0.2	0.4	3.7	3.6
All manufacturing, excluding duty	JVZ8	7200700010	108.8	109.1	109.7	109.9p	110.1p	0.2	0.2	3.5	3.3
All manufacturing, excluding food, beverages, tobacco and petroleum	K3BI	7200799000	108.0	108.1	108.6	108.6p	108.9p	-	0.3	2.4	2.5
Gross Sector											
Food products, beverages and tobacco, including duty	K65A	7111101280	111.1	111.3	111.8	112.4p	113.1p	0.5	0.6	2.1	1.9
Food products	K37L	7112100000	110.0	110.1	110.8	111.4p	112.1p	0.5	0.6	2.3	2.8
Tobacco products, including duty	K37Q	7112120080	153.0	153.0	153.0	153.0p	157.4p	-	2.9	4.8	6.4
Alcoholic beverages, including duty	MC6A	7229110080	110.3B	110.3B	110.6B	110.9pB	111.8pB	0.3	0.8	0.6	1.5
Soft drinks, mineral waters and other bottled waters	JU5C	1107000000	103.2B	104.0B	103.9B	103.8pB	103.8pB	-0.1	-	-2.5	-6.7
Textiles	K37R	7112130000	111.0	111.6	112.2	112.5p	112.8p	0.3	0.3	-0.8	-0.4
Wearing apparel	K37S	7112140000	114.0	114.1	114.1	114.2p	114.7p	0.1	0.4	1.7	1.9
Leather and related products	K37T	7112150000	123.5	123.0	122.7	123.4p	123.4p	0.6	-	2.4	2.4
Wood and products of wood and cork, except furniture	K37U	7112160000	115.7	115.8	116.5	116.9p	117.0p	0.3	0.1	3.1	2.7
Paper and paper products	K37V	7112170000	107.5	107.3	106.9	107.1p	107.1p	0.2	-	-0.1	-0.1
Printing and recording services	K37W	7112180000	101.6	101.7r	102.0	102.2p	102.2p	0.2	-	2.6	2.4
Coke and refined petroleum products, including duty	K37Y	7112190080	93.9	95.9	98.2	98.6p	97.7p	0.4	-0.9	23.6	19.9
Chemicals and chemical products	K37Z	7112200000	100.9	101.3	102.7	103.8p	104.4p	1.1	0.6	4.6	5.7
Basic pharmaceutical products and pharmaceutical preparations	K382	7112210000	109.0	108.8	108.5	108.4p	107.8p	-0.1	-0.6	4.3	2.6
Rubber and plastic products	K383	7112220000	110.2	110.2	110.3	110.6p	111.1p	0.3	0.5	1.2	1.6
Other non-metallic mineral products	K384	7112230000	113.9	113.7	115.0	115.2p	115.1p	0.2	-0.1	1.9	1.7
Basic metals	K385	7112240000	101.9	103.3	106.1	107.7p	108.3p	1.5	0.6	25.4	22.5
Fabricated metal products, except machinery and equipment	K386	7112250000	107.1	107.4	108.0	108.4p	109.2p	0.4	0.7	2.7	3.2
Computer, electronic and optical products	K387	7112260000	99.7	99.7	99.9	99.9p	100.0p	-	0.1	1.6	1.7
Electrical equipment	K388	7112270000	104.3	104.7	105.2	105.5p	105.8p	0.3	0.3	1.2	2.6
Machinery and equipment n.e.c.	K389	7112280000	114.2	114.3	115.5	115.5p	115.9p	-	0.3	2.8	3.0
Motor vehicles, trailers and semi-trailers	K38A	7112290000	103.6	103.4	104.0	103.9p	104.4p	-0.1	0.5	2.7	3.2
Other transport equipment	K38B	7112300000	113.5	113.5	114.1	114.1p	114.2p	-	0.1	4.0	3.9
Furniture	K38C	7112310000	110.5	110.9	112.4	111.6p	111.8p	-0.7	0.2	2.1	2.2
Other manufactured goods	K38D	7112320000	111.3r	110.9r	110.9	110.0p	110.2p	-0.8	0.2	1.0	0.7
Repair and installation services of machinery and equipment	K38E	7112330000	126.2	125.5	127.1	127.6p	128.1p	0.4	0.4	6.0	6.4

p = provisional
r = revised

Source: Office for National Statistics

B: These index values are considered less reliable mainly due to lack of market coverage.

5 Net Sector Input Prices, including Climate Change Levy¹: Materials and Fuels purchased - SIC 2007

2010=100, SIC2007

	All manufacturing			All manufacturing excluding food, beverages, tobacco and petroleum industries					
	not seasonally adjusted			not seasonally adjusted			seasonally adjusted		
	Index (2010=100)	percentage change over		Index (2010=100)	percentage change over		Index (2010=100)	percentage change over	
	1 month	12 months		1 month	12 months		1 month	12 months	
	6207000050			6207990050			6207998950		
	K646			K655			K658		
2013 Sep	116.1	-0.9	1.0	107.6	-0.9	0.4	108.5	-0.9	0.3
Oct	115.6	-0.4	-	107.8	0.2	-0.2	108.2	-0.3	-0.4
Nov	114.9	-0.6	-0.9	107.5	-0.3	-1.0	107.7	-0.5	-1.1
Dec	115.3	0.3	-0.9	107.2	-0.3	-1.4	107.2	-0.5	-1.6
2014 Jan	114.3	-0.9	-2.9	106.8	-0.4	-2.8	103.2	-3.7	-5.8
Feb	113.7	-0.5	-5.8	106.4	-0.4	-5.1	105.8	2.5	-4.9
Mar	113.3	-0.4	-6.3	106.6	0.2	-5.4	105.4	-0.4	-5.3
Apr	112.3	-0.9	-5.3	105.5	-1.0	-5.0	105.1	-0.3	-4.8
May	112.5	0.2	-3.9	105.0	-0.5	-3.9	105.1	-	-3.8
Jun	111.4	-1.0	-4.6	104.6	-0.4	-3.5	105.1	-	-3.5
Jul	109.5	-1.7	-7.5	103.8	-0.8	-5.2	104.8	-0.3	-4.8
Aug	108.4	-1.0	-7.5	104.3	0.5	-4.0	105.1	0.3	-4.0
Sep	107.5	-0.8	-7.4	104.7	0.4	-2.7	105.5	0.4	-2.8
Oct	106.2	-1.2	-8.1	105.2	0.5	-2.4	105.3	-0.2	-2.7
Nov	105.4	-0.8	-8.3	105.7	0.5	-1.7	105.4	0.1	-2.1
Dec	101.9	-3.3	-11.6	104.7	-0.9	-2.3	104.5	-0.9	-2.5
2015 Jan	98.2	-3.6	-14.1	103.4	-1.2	-3.2	103.2	-1.2	-
Feb	98.4	0.2	-13.5	102.1	-1.3	-4.0	101.6	-1.6	-4.0
Mar	98.5	0.1	-13.1	101.9	-0.2	-4.4	100.9	-0.7	-4.3
Apr	99.8	1.3	-11.1	101.5	-0.4	-3.8	101.0	0.1	-3.9
May	99.1	-0.7	-11.9	100.8	-0.7	-4.0	100.8	-0.2	-4.1
Jun	96.9	-2.2	-13.0	99.9	-0.9	-4.5	100.2	-0.6	-4.7
Jul	95.5	-1.4	-12.8	98.9	-1.0	-4.7	99.8	-0.4	-4.8
Aug	92.6	-3.0	-14.6	97.9	-1.0	-6.1	98.4	-1.4	-6.4
Sep	93.1	0.5	-13.4	98.7	0.8	-5.7	99.0	0.6	-6.2
Oct	93.1	-	-12.3	98.0	-0.7	-6.8	97.7	-1.3	-7.2
Nov	91.6	-1.6	-13.1	96.7	-1.3	-8.5	96.2	-1.5	-8.7
Dec	91.3	-0.3	-10.4	97.8	1.1	-6.6	97.3	1.1	-6.9
2016 Jan	90.1	-1.3	-8.2	98.0	0.2	-5.2	97.6	0.3	-5.4
Feb	90.5	0.4	-8.0	98.5	0.5	-3.5	98.2	0.6	-3.3
Mar	92.0	1.7	-6.6	99.0	0.5	-2.8	98.4r	0.2	-2.5
Apr	92.7	0.8	-7.1	99.3	0.3	-2.2	99.2	0.8	-1.8
May	94.8	2.3	-4.3	98.9	-0.4	-1.9	99.3	0.1	-1.5
Jun	96.4	1.7	-0.5	99.6	0.7	-0.3	100.3	1.0	0.1
Jul	99.5	3.2	4.2	103.9	4.3	5.1	104.7	4.4	4.9
Aug	99.8	0.3	7.8	104.1	0.2	6.3	104.6	-0.1	6.3
Sep	100.2	0.4	7.6	103.9	-0.2	5.3	104.3	-0.3	5.4
Oct	104.6	4.4	12.4	107.9	3.8	10.1	107.5	3.1	10.0
Nov	104.0	-0.6	13.5	107.6r	-0.3	11.3	107.1	-0.4	11.3
Dec	106.6r	2.5	16.8	107.9r	0.3	10.3	107.5r	0.4	10.5
2017 Jan	108.2	1.5	20.1	109.6	1.6	11.8	109.1	1.5	11.8
Feb	108.1p	-0.1	19.4	109.6p	-	11.3	109.4p	0.3	11.4
Mar	108.5p	0.4	17.9	110.5p	0.8	11.6	110.0p	0.5	11.8

1 The Climate Change Levy was introduced in April 2001.

Source: Office for National Statistics

p = provisional
r = revised

6 Input Prices, excluding Climate Change Levy¹: Materials and Fuels purchased by selected industries (not seasonally adjusted) - SIC 2007

2010=100, SIC2007

									% change 1 month		% change 12 months	
				2016 Nov	2016 Dec	2017 Jan	2017 Feb	2017 Mar	2017 Feb	2017 Mar	2017 Feb	2017 Mar
Gross sector												
Other mining & quarrying products ²	MC3K	6107208000		116.9	117.3r	118.0	118.2p	118.4p	0.2	0.2	5.2	5.2
Manufacture of food products, beverages, tobacco	MC35	6107110120		114.0	115.3r	115.5	115.7p	116.3p	0.2	0.5	8.5	9.4
Preserved meat & meat products	MC3V	6107310100		115.4r	117.2	117.2	117.4p	118.1p	0.2	0.6	9.8	10.9
Fish, crustaceans, molluscs, fruit & vegetables	MB4X	6107310230		117.5	117.6	118.1	117.1p	118.2p	-0.8	0.9	8.9	9.7
Vegetable & animal oils and fats	MC3W	6107310400		120.9	122.6	122.9	123.3p	123.6p	0.3	0.2	14.1	14.0
Dairy products	MC3X	6107310500		116.5r	119.4r	119.4	120.0p	120.7p	0.5	0.6	14.2	16.5
Grain mill products, starches & starch products	MC3Y	6107310600		114.1r	115.9r	116.0	116.4p	116.9p	0.3	0.4	9.2	10.6
Bakery & farinaceous products	MC3Z	6107310700		110.4	110.7	111.5	111.9p	112.3p	0.4	0.4	5.1	5.4
Other food products	MB4Y	6107310800		110.7	111.4	111.7	112.0p	112.5p	0.3	0.4	6.0	6.5
Animal feeds	MC42	6107310900		113.7	114.8	115.1	115.4p	115.9p	0.3	0.4	7.6	8.3
Alcoholic Beverages	MB55	6107411016		109.3r	109.7	110.5	110.8p	111.0p	0.3	0.2	4.8	5.0
Soft drinks; mineral waters & other bottled waters	MC4D	6107411070		108.2	108.3	108.7	108.8p	109.4p	0.1	0.6	3.0	3.5
Tobacco products	MC3M	6107212000		149.5	149.7r	149.8	149.9p	148.6p	0.1	-0.9	5.0	3.8
Manufacture of textiles & textile products; clothing	MC36	6107113140		110.5	110.8r	111.7	112.0p	112.4p	0.3	0.4	3.0	3.3
Textiles	MB4P	6107213000		109.2	109.5r	110.5	111.0p	111.4p	0.5	0.4	3.7	4.2
Wearing apparel	MC3N	6107214000		112.4	112.7	113.5	113.6p	113.9p	0.1	0.3	2.1	2.2
Manufacture of leather & related products	MC3O	6107215000		112.5	112.5	113.0	113.2p	113.7p	0.2	0.4	3.6	3.4
Manufacture of wood & wood products	MC3P	6107216000		113.0	113.3	114.0	114.4p	114.6p	0.4	0.2	5.3	5.1
Manufacture of pulp, paper & paper products, recording media & printing services	MC39	6107117180		107.6r	107.9r	108.0	108.3p	108.3p	0.3	-	2.7	2.7
Pulp, paper & paper products	MB4Q	6107217000		107.7r	108.1r	108.3	108.6p	108.6p	0.3	-	3.1	3.2
Printing & recording services	MC3Q	6107218000		107.6	107.6r	107.8	107.8p	108.0p	-	0.2	2.0	2.1
Manufacture of coke & refined petroleum products	MC3R	6107219000		78.4	87.6	90.9	90.5p	89.0p	-0.4	-1.7	72.7	48.6
Manufacture of chemicals, chemical products & man-made fibres	MC3B	6107120000		101.9	102.3r	104.0	105.2p	106.0p	1.2	0.8	8.8	10.0
Paints, varnishes & similar coatings, printing ink & mastics	MC43	6107320300		104.0	104.2	106.0	107.0p	107.8p	0.9	0.7	7.3	8.6
Soaps, detergents, cleaning & polishing preparations perfumes & toilet preparations	MC44	6107320400		106.1	106.2r	106.6	107.1p	107.6p	0.5	0.5	4.1	4.6
Other chemical products	MC45	6107320500		105.0	105.4	106.8	107.7p	108.1p	0.8	0.4	7.8	8.2
Industrial gases; other basic inorganic chemicals; fertilisers & nitrogen compounds	MC4E	6107420910		105.3	106.0r	107.7	108.7p	109.3p	0.9	0.6	8.4	9.2
Petrochemicals & man made fibres	MC4F	6107420920		100.1r	100.3	102.2	103.7p	104.6p	1.5	0.9	9.6	10.9
Dyes & pigments: pesticides & other agrochemical products	MC4G	6107420930		103.5r	105.2r	108.0	108.6p	108.7p	0.6	0.1	13.8	14.4
Manufacture of basic pharmaceutical products & pharmaceutical preparations	MC3S	6107221000		106.1	106.2	106.7	107.0p	107.0p	0.3	-	5.3	4.9
Manufacture of rubber & plastic products	MB4R	6107222000		104.7	104.8	105.7	106.8p	107.5p	1.0	0.7	6.8	7.6
Manufacture of cement, lime & plaster	MC46	6107323560		113.7	114.1r	114.9	115.4p	115.5p	0.4	0.1	6.1	6.0
Manufacture of glass, refractory, clay, other porcelain, ceramic stone products	MB4Z	6107323990		109.6	110.0r	111.0	111.7p	111.9p	0.6	0.2	5.9	6.3

¹ Climate Change Levy is excluded from the detailed industry input index, (see background notes of this Statistical Bulletin for more detail).

Source: Office for National Statistics

² Indices includes the Aggregate Levy which was introduced in April 2002.

p = provisional
r = revised

6 Input Prices, excluding Climate Change Levy¹: Materials and Fuels purchased by selected industries (not seasonally adjusted) - SIC 2007

continued

2010=100, SIC2007

			2016 Nov	2016 Dec	2017 Jan	2017 Feb	2017 Mar	% change 1 month		% change 12 months	
								2017 Feb	2017 Mar	2017 Feb	2017 Mar
Manufacture of basic metals & fabricated products	MC3F	6107124250	103.5	104.9	106.9	107.6p	108.2p	0.7	0.6	18.5	16.8
Basic iron, steel & alloys: tubes, pipes, hollow profiles	MC47	6107324130	101.4	103.8	107.0	107.8p	108.2p	0.7	0.4	26.2	22.4
Other basic metals & casting	MB52	6107324450	101.4r	103.5r	105.1	105.9p	106.4p	0.8	0.5	23.4	21.2
Weapons & ammunition	MC48	6107325400	106.6	106.8	107.9	108.1	108.4	0.2	0.3	4.8	5.0
Fabricated metal products, excluding machinery & equipment & weapons & ammunition	MB53	6107325990	105.0	105.8r	107.6	108.3p	109.1p	0.7	0.7	15.1	14.2
Manufacture of computer, electronic and optical products, electrical equipment	MC3G	6107126270	107.4	107.5r	108.8	109.0p	109.5p	0.2	0.5	6.9	7.1
Computer, electronic & optical products	MB4S	6107226000	107.8	107.9	109.3	109.2	109.8	-0.1	0.5	5.9	6.4
Electrical equipment	MB4T	6107227000	106.7	106.8	108.1	108.6p	109.2p	0.5	0.6	8.1	8.4
Manufacture of machinery & equipment n.e.c	MB4U	6107228000	108.2	108.4r	109.8	110.1p	110.8p	0.3	0.6	8.6	8.5
Manufacturing of motor vehicles & other transport equipment	MC3I	6107129300	105.9	105.9	107.0	107.2p	107.8p	0.2	0.6	5.8	6.2
Motor vehicles, trailers & semi trailers	MB4V	6107229000	103.6	103.5	104.7	104.8p	105.5p	0.1	0.7	5.4	5.9
Ships & boats	MC49	6107330100	110.0r	110.4r	111.4	111.7p	112.1p	0.3	0.4	6.2	6.2
Aircraft & spacecraft & related machinery	MC4A	6107330300	114.6	114.6	115.5	115.8	116.2	0.3	0.3	7.1	7.2
Other transport equipment	MB54	6107330990	108.3	108.4r	109.6	109.8p	110.1p	0.2	0.3	5.3	5.7
Manufacture of other manufactured goods n.e.c	MC3J	6107131330	112.1	112.3	113.5	113.8p	114.3p	0.3	0.4	7.3	7.3
Furniture	MC3T	6107231000	108.3	108.7	110.0	110.4p	110.8p	0.4	0.4	7.5	7.2
Other manufacturing	MB4W	6107232000	109.3	109.4r	110.4	110.6p	111.1p	0.2	0.5	6.7	6.8
Repair of maintenance of ships & boats	MC4H	6107433150	111.0r	111.3r	112.3	112.5p	112.9p	0.2	0.4	5.5	5.6
Repair & maintenance services of aircraft & spacecraft	MC4I	6107433160	127.8	127.6	128.8	129.5p	130.2p	0.5	0.5	8.5	9.0
Other repair; installation	MB56	6107433990	107.3	107.4	108.8	108.9p	109.4p	0.1	0.5	6.6	6.7

1 Climate Change Levy is excluded from the detailed industry input index, (see background notes of this Statistical Bulletin for more detail).

Source: Office for National Statistics

2 Indices includes the Aggregate Levy which was introduced in April 2002.

p = provisional
r = revised

7 Input Prices: detailed by commodity (not seasonally adjusted) - SIC 2007

2010=100, SIC2007

								% change 1 month		% change 12 months	
			2016 Nov	2016 Dec	2017 Jan	2017 Feb	2017 Mar	2017 Feb	2017 Mar	2017 Feb	2017 Mar
Fuel incl. CCL¹	K647	6207000060	116.9r	120.7r	119.5	120.5p	118.7p	0.8	-1.5	6.6	6.1
Domestic coal & lignite incl. CCL	MC78	7167205005	162.0	146.9	147.4	151.7p	148.6p	2.9	-2.0	48.7	26.8
Imported coal & lignite incl. CCL	MC8U	7169205005	117.0	129.5	113.7	113.7p	113.7p	-	-	49.0	62.4
Electricity incl. CCL	MC8F	7167335105	121.5r	126.6r	121.6	122.1p	121.4p	0.4	-0.6	5.2	5.1
Gas incl. CCL	MC8H	7167335235	107.9	110.1	115.2	117.2p	113.5p	1.7	-3.2	7.7	6.6
Fuel excl. CCL	K645	6207000020	116.7r	120.3r	119.0	119.8p	118.0p	0.7	-1.5	6.7	6.1
Domestic coal & lignite excl. CCL	MC77	7167205000	166.9	150.2	150.8	155.5p	152.1p	3.1	-2.2	54.4	29.6
Imported coal & lignite excl. CCL	MC8T	7169205000	117.1	129.8	113.9	113.9p	113.9p	-	-	50.7	64.8
Electricity excl. CCL	MC8E	7167335100	121.8r	126.7r	121.5	122.0p	121.3p	0.4	-0.6	5.0	5.0
Gas excl. CCL	MC8G	7167335230	107.4	109.3	114.8	116.0p	112.1p	1.0	-3.4	8.1	6.6
Crude petroleum oils & metal ores	MC4P	6207008700	73.1	83.7	87.2	86.5p	84.9p	-0.8	-1.8	88.9	56.1
Domestic crude oil & metal ores	MC79	7167206070	71.3	82.5	85.2	84.9p	84.3p	-0.4	-0.7	98.8	64.0
Imported crude oil & metal ores	MC8V	7169206070	73.9	84.3	88.2	87.3p	85.1p	-1.0	-2.5	85.0	52.5
Food manufacturing:											
Home produced food materials	MB57	6207008100	118.0r	121.2	121.0	122.3p	123.0p	1.1	0.6	20.6	24.4
Agricultural crop products	MC74	7167201000	117.6	121.5	121.3	123.1p	123.7p	1.5	0.5	21.4	25.5
Fish & other fish products	MC76	7167203000	122.7	116.3r	116.7	109.7p	113.1p	-6.0	3.1	8.4	9.7
Imported food materials	MC4O	6207008600	121.2r	123.3r	123.5	120.5p	122.3p	-2.4	1.5	11.0	11.9
Agricultural crop products	MC8Q	7169201000	130.6r	135.7r	134.0	129.0p	131.4p	-3.7	1.9	6.7	7.7
Fish & fish products	MC8S	7169203000	164.3	164.0	165.3	163.8p	165.2p	-0.9	0.9	21.0	12.2
Meat & meat products	MC9F	7169310100	107.5	107.3	106.6	104.2p	105.9p	-2.3	1.6	12.3	14.0
Processed fish & fish products; fruit & vegetables	MC9G	7169310230	123.6	122.7	125.8	124.9p	126.9p	-0.7	1.6	6.5	8.0
Vegetable, animal oils & fats	MC9H	7169310400	107.1	108.0	112.9	112.7p	112.4p	-0.2	-0.3	30.7	31.0
Dairy products	MC9I	7169310500	107.1	106.6	107.0	105.3p	107.2p	-1.6	1.8	11.8	13.0
Grain mill products & starches	MC9J	7169310600	117.2	116.8	118.0	116.4p	118.1p	-1.4	1.5	11.9	13.2
Bakery & farinaceous products	MC9K	7169310700	110.9	110.5	111.0	109.2p	111.2p	-1.6	1.8	11.8	13.0
Other food products	MC9L	7169310800	114.8	114.3	115.4	113.8p	115.4p	-1.4	1.4	11.5	12.7
Prepared animal feeds	MC9M	7169310900	111.8	111.4	112.2	110.5p	112.3p	-1.5	1.6	11.8	13.0
Other home produced materials	MC4J	6207008200	118.0	118.2	117.7	118.2p	118.3p	0.4	0.1	0.7	0.7
Forestry products	MC75	7167202000	145.4	145.4	145.4	145.4p	145.4p	-	-	3.0	3.0
Other mining & quarrying products	MC7A	7167208000	116.1	116.4	115.7	116.5p	116.7p	0.7	0.2	0.3	0.3
Water collection, treatment & supply	MC7R	7167236000	116.2	116.2	116.2	116.2p	116.2p	-	-	1.2	1.2
Imported metals	MC4K	6207008300	103.3	103.8	107.5	107.8p	110.5p	0.3	2.5	35.1	33.1
Basic iron, steel & ferro alloys, tubes & pipes	MC9S	7169324130	108.3	110.3	114.6	113.6p	117.2p	-0.9	3.2	39.6	36.1
Other basic metals & casting	MC9T	7169324450	100.8	100.6	103.9	104.8p	107.1p	0.9	2.2	32.7	31.4
Imported chemicals	MC4L	6207008400	107.7r	106.1r	107.8	108.0p	109.6p	0.2	1.5	7.7	9.8
Paints, varnishes & coatings, printing inks & other mastics	MC9N	7169320300	107.4r	105.3r	107.7	107.8p	109.7p	0.1	1.8	10.1	11.4
Soap, detergents, cleaning & polishing preparations, perfumes & toilet preparations	MC9O	7169320400	106.5	105.3	106.7	106.1p	107.6p	-0.6	1.4	12.3	13.4

1 The Climate Change Levy was introduced in April 2001.

Source: Office for National Statistics

7 Input Prices: detailed by commodity (not seasonally adjusted) - SIC 2007

continued

2010=100, SIC2007

								% change 1 month		% change 12 months	
			2016 Nov	2016 Dec	2017 Jan	2017 Feb	2017 Mar	2017 Feb	2017 Mar	2017 Feb	2017 Mar
Other chemical products	MC9P	7169320500	107.0	105.8r	107.6	107.8p	109.0p	0.2	1.1	6.5	8.0
Industrial gases, inorganic chemicals, fertilisers & nitrogen compounds	MCA3	7169420910	105.5	104.9	108.2	109.0p	110.4p	0.7	1.3	5.4	8.2
Petrochemicals & man made fibres	MCA4	7169420920	106.0r	104.0r	105.6	106.0p	108.2p	0.4	2.1	8.9	11.8
Dyes & pigments; pesticides & other agro-chemical products	MCA5	7169420930	121.2	118.7	119.8	119.4p	121.1p	-0.3	1.4	15.8	14.6
Basic pharmaceutical products & pharmaceutical preparations	MC97	7169221000	98.1	97.5	99.3	99.0p	99.4p	-0.3	0.4	5.3	5.5
Rubber & plastic products	MC98	7169222000	114.7	113.6	114.4	114.2p	114.9p	-0.2	0.6	4.8	6.1
Other imported parts & equipment	MC4N	6207008520	104.2	103.4	105.9	105.2p	106.2p	-0.7	1.0	6.9	7.7
Computer, electronic & optical products	MC99	7169226000	126.7	126.4	131.5	130.4p	131.7p	-0.8	1.0	12.5	13.4
Electrical equipment	MC9A	7169227000	113.4	112.4	113.8	113.5p	114.7p	-0.3	1.1	9.1	9.9
Machinery & equipment n.e.c	MC9B	7169228000	113.6	111.9r	113.8	113.5p	115.0p	-0.3	1.3	10.6	11.7
Motor vehicles, trailers & semi-trailers	MC9C	7169229000	84.4	84.1r	87.3	85.9p	86.2p	-1.6	0.3	-6.9	-5.9
Weapons & ammunition	MC9U	7169325400	87.4	86.0	87.0	86.9p	88.8p	-0.1	2.2	10.6	11.7
Fabricated metal products	MC9V	7169325990	86.0	84.6	85.7	85.6p	87.4p	-0.1	2.1	11.0	12.1
Ships & boats	MC9W	7169330100	108.1	108.0	112.3	112.2p	113.1p	-0.1	0.8	6.4	7.1
Aircraft, spacecraft & related machinery	MC9X	7169330300	107.9	107.7	109.0	108.4p	107.1p	-0.6	-1.2	6.3	4.9
Other transport equipment	MC9Y	7169330990	106.2	106.1	108.5	108.1p	107.8p	-0.4	-0.3	5.5	5.1
Other imports	MC4M	6207008510	116.7	116.0r	117.1	117.2p	118.1p	0.1	0.8	8.8	9.4
Forestry products	MC8R	7169202000	121.3	116.3	115.6	116.7p	116.5p	1.0	-0.2	5.1	4.6
Other mining & quarrying products	MC8W	7169208000	146.8	146.3	148.5	146.4p	148.3p	-1.4	1.3	11.6	12.9
Tobacco products	MC8X	7169212000	101.3	99.2	99.2	98.3p	99.8p	-0.9	1.5	6.5	7.5
Textiles	MC8Y	7169213000	121.6	120.4	122.4	121.4p	122.8p	-0.8	1.2	9.2	9.8
Wearing apparel	MC8Z	7169214000	120.3	117.6	120.1	118.7p	120.7p	-1.2	1.7	7.1	8.3
Leather & related leather products	MC92	7169215000	117.0	118.7	119.7	118.8p	119.8p	-0.8	0.8	8.5	7.6
Wood & wooden products	MC93	7169216000	107.4	108.3	108.6	109.3p	110.0p	0.6	0.6	11.9	12.0
Paper & paper products	MC94	7169217000	103.2	103.3	103.9	103.5p	104.3p	-0.4	0.8	3.9	4.3
Printing & recording services	MC95	7169218000	106.6	105.0	107.0	105.9p	107.4p	-1.0	1.4	11.6	12.1
Coke & refined petroleum products	MC96	7169219000	149.3	147.0r	148.5	150.9p	150.8p	1.6	-0.1	16.9	16.4
Furniture	MC9D	7169231000	61.2	60.7	61.3	63.0p	63.4p	2.8	0.6	7.5	7.6
Glass, refractory, clay other porcelain, ceramic stone & abrasive products	MC9R	7169323990	111.0	109.9r	110.9	111.6p	113.0p	0.6	1.3	6.2	8.1
Cement, lime, plaster & articles of concrete, cement & plaster	MC9Q	7169323560	111.0r	109.8r	110.9	111.6p	112.9p	0.6	1.2	6.4	8.0
Alcoholic beverages	MC9Z	7169411016	114.9	112.6	108.7	107.8p	109.4p	-0.8	1.5	7.2	8.0
Soft drinks, mineral water & other bottled waters	MCA2	7169411070	124.8	121.7	115.9	114.8p	116.7p	-0.9	1.7	6.1	7.1
Other manufactured goods n.e.c	MC9E	7169232000	106.6	105.1	106.5	106.4p	107.6p	-0.1	1.1	4.8	5.7
Imported materials											
All imported materials - total (incl Crude Oil)	K64F	6207008500	101.9r	103.6	106.0	105.4p	106.2p	-0.6	0.8	19.1	17.1

1 The Climate Change Levy was introduced in April 2001.

Source: Office for National Statistics

p = provisional
r = revised

8R Output Prices: revisions (not seasonally adjusted) - SIC 2007

2010=100, SIC2007

	Output of manufactured products			All manufacturing excluding food, beverages, tobacco and petroleum		
	Index (2010=100)	percentage change over		Index (2010=100)	percentage change over	
		1 month	12 months		1 month	12 months
	7200700000			7200799000		
	JVZ7			K3BI		
2013 Sep	-	-	-	-	-	-
Oct	-	-	-	-	-	-
Nov	-	-	-	-	-	-
Dec	-	-	-	-	-	-
2014 Jan	-	-	-	-	-	-
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-
Oct	-	-	-	-	-	-
Nov	-	-	-	-	-	-
Dec	-	-	-	-	-	-
2015 Jan	-	-	-	-	-	-
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-
Oct	-	-	-	-	-	-
Nov	-	-	-	-	-	-
Dec	-	-	-	-	-	-
2016 Jan	-	-	-	-	-	-
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-
Oct	-	-	-	-	-	-
Nov	-	-	-	-	-	-
Dec	0.1	0.1	0.1	-	-	-
2017 Jan	-	-	-	-	-	-
Feb	-	-	-	-	-	-
Mar	..	..	..	..	..	..

Please see Statistical Bulletin section entitled 'Revisions' for further information.

Source: Office for National Statistics

9R Net Sector Input Prices, including Climate Change Levy¹: revisions - SIC 2007

2010=100, SIC2007

	All manufacturing industries			All manufacturing excluding food, beverages, tobacco and petroleum industries					
	not seasonally adjusted			not seasonally adjusted			seasonally adjusted		
	Index (2010=100)	percentage change over		Index (2010=100)	percentage change over		Index (2010=100)	percentage change over	
	1 month	12 months		1 month	12 months		1 month	12 months	
	6207000050 K646			6207990050 K655			6207998950 K658		
2013 Sep	-	-	-	-	-	-	-	-	-
Oct	-	-	-	-	-	-	-	-	-
Nov	-	-	-	-	-	-	-	-	-
Dec	-	-	-	-	-	-	-	-	-
2014 Jan	-	-	-	-	-	-	-	-	-
Feb	-	-	-	-	-	-	-	-	-
Mar	-	-	-	-	-	-	-	-	-
Apr	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-
Jun	-	-	-	-	-	-	-	-	-
Jul	-	-	-	-	-	-	-	-	-
Aug	-	-	-	-	-	-	-	-	-
Sep	-	-	-	-	-	-	-	-	-
Oct	-	-	-	-	-	-	-	-	-
Nov	-	-	-	-	-	-	-	-	-
Dec	-	-	-	-	-	-	-	-	-
2015 Jan	-	-	-	-	-	-	-	-	-
Feb	-	-	-	-	-	-	-	-	-
Mar	-	-	-	-	-	-	-	-	-
Apr	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-
Jun	-	-	-	-	-	-	-	-	-
Jul	-	-	-	-	-	-	-	-	-
Aug	-	-	-	-	-	-	-	-	-
Sep	-	-	-	-	-	-	-	-	-
Oct	-	-	-	-	-	-	-	-	-
Nov	-	-	-	-	-	-	-	-	-
Dec	-	-	-	-	-	-	-	-	-
2016 Jan	-	-	-	-	-	-	-	-	-
Feb	-	-	-	-	-	-	-	-	-
Mar	-	-	-	-	-	-	-0.1	-0.1	-0.1
Apr	-	-	-	-	-	-	-	0.1	-
May	-	-	-	-	-	-	-	-	-
Jun	-	-	-	-	-	-	-	-	-
Jul	-	-	-	-	-	-	-	-	-
Aug	-	-	-	-	-	-	-	-	-
Sep	-	-	-	-	-	-	-	-	-
Oct	-	-	-	-	-	-	-	-	-
Nov	-	-	-	-0.1	-0.1	-0.1	-	-	-
Dec	0.1	0.1	0.2	0.2	0.3	0.2	0.2	0.2	0.2
2017 Jan	-	-0.1	-	0.1	-0.1	0.1	0.2	-	0.2
Feb	0.3	0.3	0.3	0.3	0.2	0.3	0.4	0.2	0.4
Mar	..	..	..	..	..	..	..	..	..

¹ The Climate Change levy was introduced in April 2001.
Please see Statistical Bulletin section entitled 'Revisions' for further information.

Source: Office for National Statistics