

Statistical bulletin

# Producer price inflation, UK: December 2016

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).



Contact:  
James Wells  
business.prices@ons.gov.uk  
+44 (0) 1633 455582

Release date:  
17 January 2017

Next release:  
14 February 2017

## Table of contents

1. [Main points](#)
2. [Things you need to know about this release](#)
3. [Producer price inflation summary](#)
4. [Input prices are currently just below 2008 pre-downturn levels, while prices for goods leaving the factory gate are 9.7% higher than they were before the downturn](#)
5. [Changes to the value of sterling and crude oil prices have had a large influence on producer price inflation](#)
6. [The last 5 years has seen overall input price deflation for producers, which is in contrast to the previous decade](#)
7. [Links to related statistics](#)
8. [Quality and methodology](#)

# 1 . Main points

- The annual rate of producer price inflation continued to grow in December 2016, although mainly as a result of falling prices a year ago, as growth was relatively flat on the month.
- Factory gate prices (output prices) rose 2.7% on the year to December 2016 and 0.1% on the month, which was the sixth consecutive period of annual growth and the eleventh of monthly growth.
- Prices for materials and fuels paid by UK manufacturers for processing (input prices) rose 15.8% on the year to December 2016 and 1.8% on the month.
- Prices of imported materials and fuels was the largest driver of input price growth, which is largely a result of sterling depreciation and a recovery in global crude oil prices.

## 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 Prices 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

**Table 1: Input prices, UK, December 2001 to December 2016**

	Percentage change			
	All materials and fuels purchased		Imported materials and fuels purchased	
	1 month	12 months	1 month	12 month
2016 Jul	3.2	4.2	4.0	6.0
Aug	0.3	7.8	0.3	9.2
Sep	0.2	7.4	0.0	8.7
Oct	4.4	12.1	4.6	13.8
Nov	-0.6	13.3	-1.4	14.6
Dec	1.8	15.8	1.3	16.9

Source: Office for National Statistics

Notes:

1. Both series are not seasonally adjusted

Input producer prices grew 15.8% on the year to December 2016 and 1.8% between November and December 2016. This is the sixth consecutive period of annual growth.

Prices of imported materials and fuels rose 16.9% on the year to December 2016, which is largely the result of a 14.5% sterling depreciation and a 52.1% annual growth rate for imported inputs of crude oil. Imported materials and fuels is the main driver of input PPI inflation as its weight accounts for around 68% of the input price index.

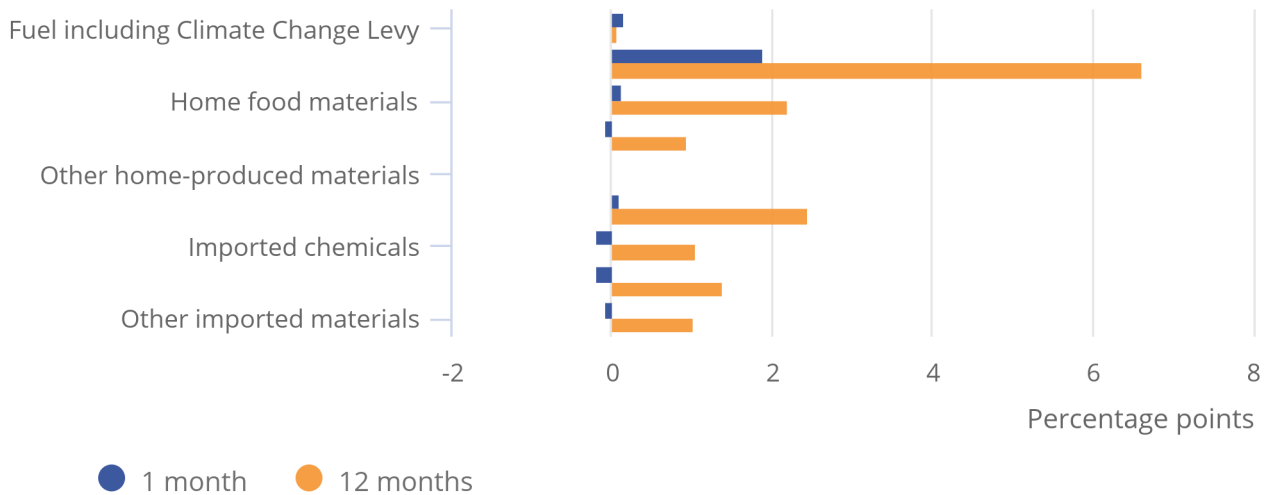
**Table 2 Input prices: 12 months change to December 2016, UK**

Product group	Percentage change
Fuel including Climate Change Levy	0.4
Crude oil	56.7
Home food materials	15.6
Imported food materials	11.7
Other home-produced materials	0.3
Imported metals	36.2
Imported chemicals	7.1
Imported parts and equipment	7.2
Other imported materials	10.8
All manufacturing	15.8

Source: Office for National Statistics

**Figure 1: Input PPI, contribution to 1 month and 12 month growth rate, UK, December 2016**

Figure 1: Input PPI, contribution to 1 month and 12 month growth rate, UK, December 2016



**Source: Office for National Statistics**

Figure 1 shows the contributions by sector to the annual and monthly inflation rate. Most sectors showed only modest contributions to the monthly rate, with crude oil providing the largest contribution of 1.90 percentage points to the monthly rate and 6.64 percentage points to the annual rate. Crude oil prices have increased by 56.7% on the year to December 2016 and 13.8% on the month.

Imported metals and home food materials prices were the second and third largest contributors to the annual rate, with annual growth rates of 36.2% and 15.6% respectively.

The annual rate of inflation for imported metals has now seen 6 months of consecutive growth following 17 months of falling prices. The annual growth rate of 36.2% is also the largest since comparable records began in 1996.

The main contributor to the rise in home food materials was crop and animal production which has increased mainly on the back of a rise in the price of wheat. Home food materials was the third largest contributor to input PPI growth to both the annual and monthly rates.

**Table 3: Output prices, UK, December 2001 to December 2016**

	Percentage change	
	All manufactured products	
	1 month	12 months
2016 Jul	0.2	0.2
Aug	0.2	0.8
Sep	0.3	1.2
Oct	0.7	2.1
Nov	0.1	2.4
Dec	0.1	2.7

Source: Office for National Statistics

Notes:

1. Series is not seasonally adjusted

Factory gate prices continued to grow on the year to December 2016, although growth on the month has slowed in the past 2 months.

The annual rate of inflation for factory gate prices was 2.7% in December 2016, which is the sixth consecutive rise after 2 years of falls and the largest increase since March 2012.

Month-on-month prices were also up, but by a modest 0.1%. This compares with a peak of 0.7% in October 2016, which was the highest month-on-month growth across 2016. Monthly inflation has now been growing since February 2016, which is the longest continuous period of growth since 2011.

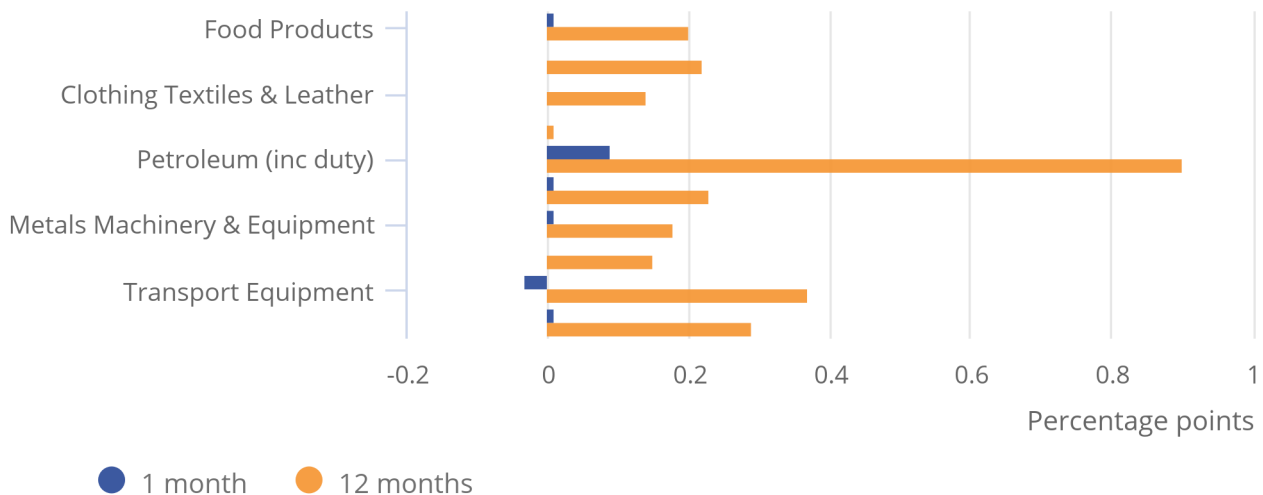
**Table 4 Output prices: 12 months change to December 2016, UK**

Product group	Percentage change
Food products	1.4
Tobacco and alcohol (incl. duty)	2.4
Clothing, textile and leather	1.2
Paper and printing	0.4
Petroleum products (incl. duty)	14.3
Chemical and pharmaceutical	3.3
Metal, machinery and equipment	2.5
Computer, electrical and optical	1.4
Transport equipment	3.1
Other manufactured products	2.0
All manufacturing	2.7

Source: Office for National Statistics

**Figure 2: Output PPI, contribution to 1 month and 12 month growth rate, UK, December 2016**

Figure 2: Output PPI, contribution to 1 month and 12 month growth rate, UK, December 2016



Source: Office for National Statistics

Petroleum products had an annual growth rate of 14.3% and showed an upward contribution of 0.90 percentage points to the PPI output annual rate (Figure 2), which was driven by diesel and gas oil which increased 16.2%. This was the largest annual rise to prices of petroleum products since November 2011 and the fourth consecutive increase after 3 years of falling prices.

All sectors showed upward contributions to the annual rate with transport equipment being the second largest with an annual growth rate of 3.1%, driven by a 2.9% increase in the prices of motor vehicles, trailers and semi-trailers. In comparison the month on month contribution rate fell by 0.03 percentage points.

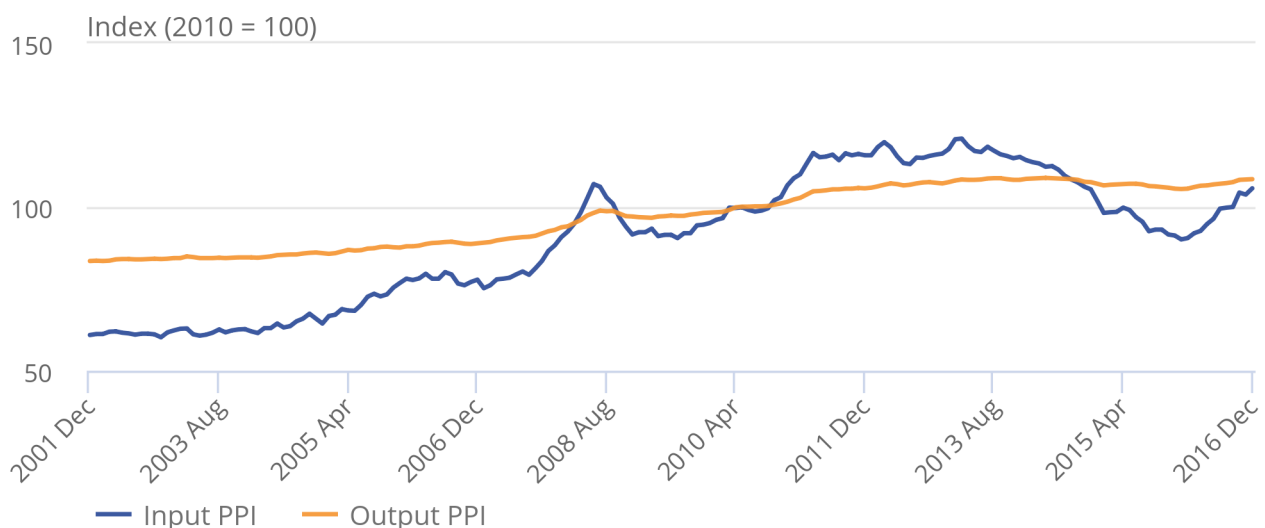
## 4 . Input prices are currently just below 2008 pre-downturn levels, while prices for goods leaving the factory gate are 9.7% higher than they were before the downturn

As this is the first PPI statistical bulletin in the new ONS style we thought it would be interesting to look at PPI over a longer time period and summarise some of the main points relating to producer prices.

Figure 3 looks at input and output PPI and shows that input PPI has experienced larger peaks and troughs over the past 15 years compared to output PPI. The largest contributor to growth from 2004 to 2008 for input PPI came from rising crude oil prices, driven by rising global demand on the back of economic growth in Asia. From early 2004 to the pre-downturn peak in June 2008 input PPI grew more than 70%, while output prices rose 17%.

**Figure 3: Input PPI and output PPI, UK, December 2001 to December 2016**

Figure 3: Input PPI and output PPI, UK, December 2001 to December 2016



Source: Office for National Statistics

Looking at the most recent input PPI figure for December 2016 (Figure 3), it can be seen that despite strong growth since February 2016, the latest figure of 105.7 is just below the pre-downturn peak level of 107.0 in June 2008 and 14.4% below the overall peak in March 2013 when the index reached 120.9. The latest output PPI figure of 108.5 however, is 9.7% higher than its pre-downturn peak of 98.9 in July 2008. Overall input costs for the UK's production sector are therefore currently on par with levels seen in 2008, while the overall price that the sector charges for goods leaving the factory gate is 9.7% higher than it was in 2008. Figure 5 shows how the relationship between input costs and output prices over the most recent 5 years (2011 to 2016) contrasts with the previous 10 years (2001 to 2010).

## **5 . Changes to the value of sterling and crude oil prices have had a large influence on producer price inflation**

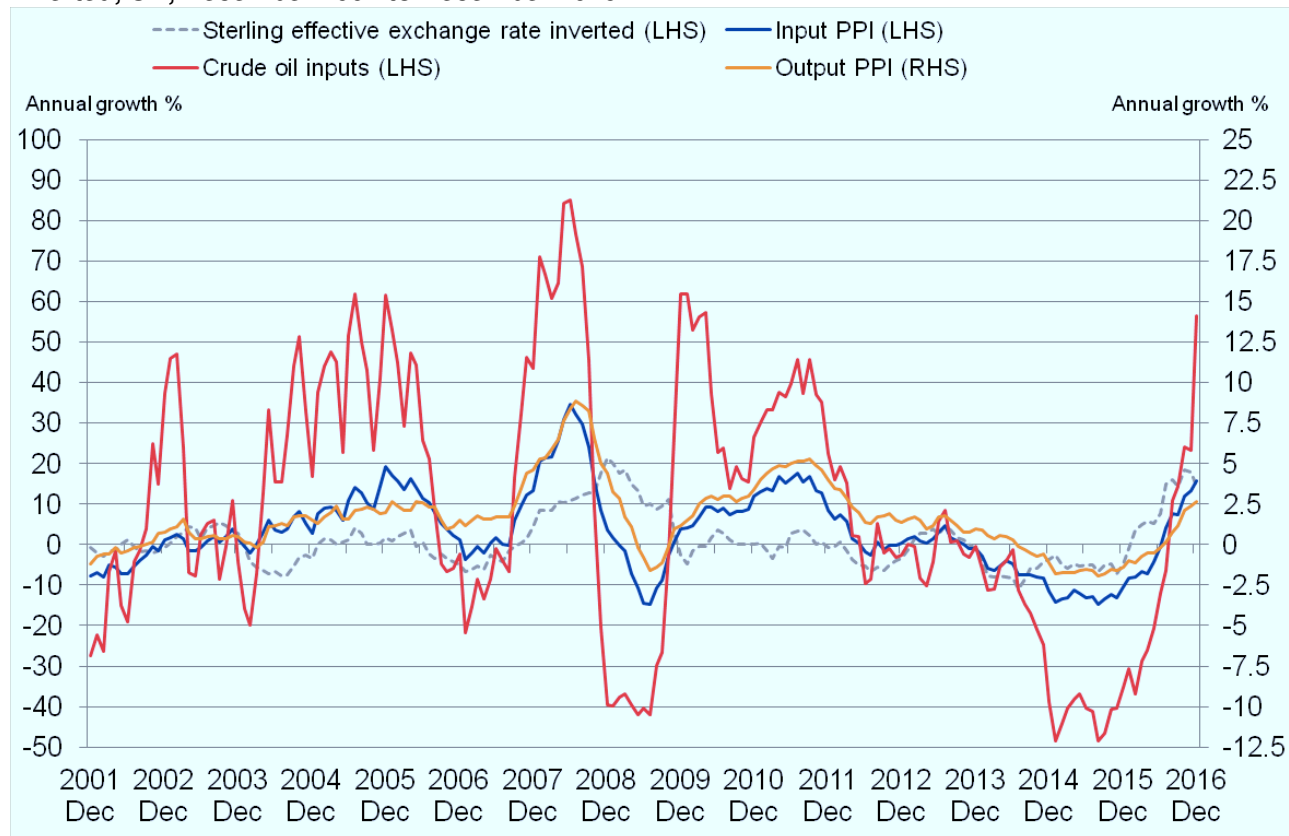
Figure 4 shows that producers raise and lower output prices (right hand scale) broadly in line with changes to the cost of inputs (left hand scale) that are used in the processing of manufactured products; albeit PPI input prices change to a greater magnitude compared with output prices.

It can also be seen that the sterling effective exchange rate has had a strong influence on the value of input PPI over the past 15 years, which along with other factors dictates how producers set output prices. The combined weight of imported materials and fuels in input PPI is around 68%, of which imported materials is 54.5% and imported crude oil and natural gas 13.6%. All else equal, a depreciation of sterling increases the price of UK imports when transacted in a foreign currency, which in turn has a corresponding impact on the prices paid by producers for imported inputs.

Figure 4 also shows that growth of input prices for crude oil products (left hand scale) have been particularly volatile, with the series swinging from a peak of more than 80% annual growth prior to the 2008 downturn, to periods approaching a nearly 50% decrease across 2014 and 2015. Crude oil has an overall weight of 20% in input PPI, of which 13.6% is from imports and the remaining 6.4% from domestic inputs. Crude oil has therefore also had a large influence on input prices.



**Figure 4: Annual growth for input PPI, output PPI, crude oil input PPI and sterling effective exchange rate inverted, UK, December 2001 to December 2016**



Source: Office for National Statistics and Bank of England

## 6 . The last 5 years has seen overall input price deflation for producers, which is in contrast to the previous decade

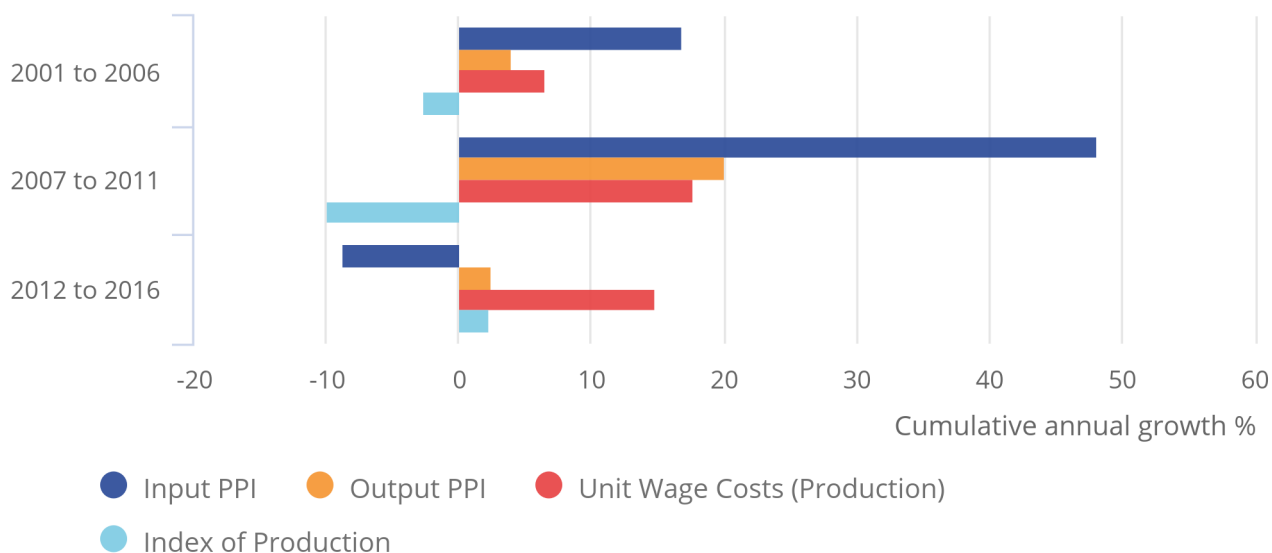
Figure 5 shows that cumulative growth in input producer prices between 2001 to 2006 and 2007 to 2011 was greater than the cumulative growth in output producer prices over equivalent 5 year periods. This alongside continued growth in unit wage costs for producers implies a possible narrowing of producers' margins during these two periods. The period between 2007 and 2011 also reflects the economic downturn when there was a 10% fall in output from the production sector over this period.

In contrast, the most recent 5-year period from January 2012 to December 2016 has shown overall deflation in input producer prices, although there have been rises in producer input prices during 2016 compared with the previous year. This deflation partly reflects cheaper world oil prices particularly in 2014 and 2015 seen in Figure 4.

Between 2012 and 2016, unit wage costs have continued to grow relatively strongly, alongside a slight recovery of production output over 2012 levels.

**Figure 5: Cumulative annual percentage growth in output PPI, input PPI, index of production and unit wage costs for production, 2001 to 2006, 2007 to 2011 and 2012 to 2016**

Figure 5: Cumulative annual percentage growth in output PPI, input PPI, index of production and unit wage costs for production, 2001 to 2006, 2007 to 2011 and 2012 to 2016



Source: Office for National Statistics

Notes:

1. IOP data covers January 2001 to November 2016.
2. Unit wage costs (production) covers Quarter 1 2001 to Quarter 3 2016

## 7 . 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 \(SPPI\)](#).

## 8 . 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 with the [November 2015 release](#). The article presented the calculated standard errors of the Producer Price Index (PPI) during the period December 2014 to November 2015, 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 Jun	106.9	0.3	-0.2	106.6	0.1	0.7	110.1	-0.2	-1.6	89.4	3.5	-6.1
Jul	107.1	0.2	0.2	107.2	0.6	1.2	109.4	-0.6	-2.1	89.6	0.2	-3.9
Aug	107.3	0.2	0.8	107.4	0.2	1.5	109.7	0.3	-1.3	89.0	-0.7	-0.8
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	108.4p	0.1	2.4	108.0p	0.1	2.3	111.1p	0.1	1.0	93.9p	-0.4	8.6
Dec	108.5p	0.1	2.7	108.0p	-	2.1	111.2p	0.1	1.3	95.0p	1.2	14.3

p = provisional  
r = revised

Source: Office for National Statistics

# 2 Net Sector Input Prices, including Climate Change Levy<sup>1</sup>: 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 Jun	96.4	1.7	-0.5	95.2	1.8	0.5	105.3	0.2	-8.8
Jul	99.5	3.2	4.2	98.3	3.3	5.6	108.7	3.2	-6.1
Aug	99.8r	0.3	7.8	98.8r	0.5	9.4	107.2	-1.4	-3.9
Sep	100.0r	0.2	7.4	99.1r	0.3	9.1	106.9	-0.3	-5.6
Oct	104.4	4.4	12.1	103.4	4.3	14.0	112.4	5.1	-1.3
Nov	103.8p	-0.6	13.3	102.1p	-1.3	14.7	117.1p	4.2	2.4
Dec	105.7p	1.8	15.8	104.1p	2.0	18.0	118.9p	1.5	0.4

<sup>1</sup> 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 <sup>1</sup>		
	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 Jun	108.4	0.1	1.7	104.8	–	0.9	108.3	0.1	2.0
Jul	108.7	0.3	1.8	104.9	0.1	0.9	108.5	0.2	2.0
Aug	108.8	0.1	1.5	104.9	–	0.9	108.6	0.1	1.7
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	108.4p	0.1	2.4	108.0p	0.1	2.3	108.8p	–	2.4
Dec	108.5p	0.1	2.7	108.0p	–	2.1	108.9p	0.1	2.6

<sup>1</sup> 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	
								1 month		12 months	
			2016	2016	2016	2016	2016	2016	2016	2016	2016
		Aug	Sep	Oct	Nov	Dec	Nov	Dec	Nov	Dec	
<b>Net sector</b>											
Output of manufactured products	JVZ7	7200700000	107.3	107.6	108.3	108.4p	108.5p	0.1	0.1	2.4	2.7
All manufacturing, excluding duty	JVZ8	7200700010	107.7	108.0	108.8	108.8p	108.9p	-	0.1	2.4	2.6
All manufacturing, excluding food, beverages, tobacco and petroleum	K3BI	7200799000	107.4	107.4	107.9	108.0p	108.0p	0.1	-	2.3	2.1
<b>Gross Sector</b>											
Food products, beverages and tobacco, including duty	K65A	7111101280	109.7	110.3	111.0	111.1p	111.2p	0.1	0.1	1.0	1.3
Food products	K37L	7112100000	108.3	109.0r	109.8	109.9p	110.0p	0.1	0.1	1.0	1.4
Tobacco products, including duty	K37Q	7112120080	150.9	151.8	151.8	153.0p	153.0p	0.8	-	4.8	4.8
Alcoholic beverages, including duty	MC6A	7229110080	110.4 B	110.3 B	110.4 B	110.4pB	105.5pB	-	0.1	0.5	0.8
Soft drinks, mineral waters and other bottled waters	JU5C	1107000000	103.2 B	104.4 B	103.7 B	103.2pB	104.0pB	-0.5	0.8	-2.1	-1.8
Textiles	K37R	7112130000	111.0	111.2	111.0	111.0p	111.2p	-	0.2	-1.3	-1.2
Wearing apparel	K37S	7112140000	113.9	114.0	114.0	114.0p	114.0p	-	-	1.6	1.5
Leather and related products	K37T	7112150000	121.4	122.2	123.0	123.5p	123.0p	0.4	-0.4	3.4	2.9
Wood and products of wood and cork, except furniture	K37U	7112160000	114.2	114.1r	115.4	115.7p	115.8p	0.3	0.1	1.0	1.3
Paper and paper products	K37V	7112170000	106.7	106.8	107.5	107.5p	107.5p	-	-	1.6	1.0
Printing and recording services	K37W	7112180000	99.9	100.2	100.3	100.3p	100.4p	-	0.1	-0.2	-0.5
Coke and refined petroleum products, including duty	K37Y	7112190080	89.0	90.2	94.3	93.9p	95.0p	-0.4	1.2	8.6	14.3
Chemicals and chemical products	K37Z	7112200000	98.7	98.8	100.3	100.9p	101.1p	0.6	0.2	1.3	1.9
Basic pharmaceutical products and pharmaceutical preparations	K382	7112210000	108.5	108.9	109.0	109.0p	108.9p	-	-0.1	5.0	4.9
Rubber and plastic products	K383	7112220000	109.8	109.8r	110.0	110.0p	110.2p	-	0.2	1.8	1.8
Other non-metallic mineral products	K384	7112230000	113.6	113.6	113.9	114.1p	113.9p	0.2	-0.2	2.1	1.8
Basic metals	K385	7112240000	99.5	98.9	100.7	101.9p	102.1p	1.2	0.2	17.0	18.3
Fabricated metal products, except machinery and equipment	K386	7112250000	106.7r	106.8r	107.0	106.8p	107.1p	-0.2	0.3	0.9	1.4
Computer, electronic and optical products	K387	7112260000	99.4	99.3	99.7	99.7p	99.7p	-	-	1.8	1.8
Electrical equipment	K388	7112270000	103.7	103.8	104.1	104.3p	104.3p	0.2	-	0.4	0.1
Machinery and equipment n.e.c.	K389	7112280000	113.4	113.4	114.0	114.1p	114.1p	0.1	-	2.3	2.1
Motor vehicles, trailers and semi-trailers	K38A	7112290000	103.0	102.9	103.9	103.6p	103.4p	-0.3	-0.2	3.4	2.9
Other transport equipment	K38B	7112300000	112.5	112.9	113.4	113.5p	113.5p	0.1	-	4.2	4.1
Furniture	K38C	7112310000	110.1	110.3	110.3	110.5p	110.8p	0.2	0.3	1.0	1.2
Other manufactured goods	K38D	7112320000	111.1	111.2	111.3	111.2p	111.1p	-0.1	-0.1	2.4	2.5
Repair and installation services of machinery and equipment	K38E	7112330000	124.7	124.6	126.5	126.2p	125.5p	-0.2	-0.6	7.2	6.5

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 Levy<sup>1</sup>: 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 Jun	116.8	-0.3	3.0	108.4	-0.8	-	108.9	-0.3	0.1
Jul	118.4	1.4	4.7	109.5	1.0	2.1	110.1	1.1	1.9
Aug	117.2	-1.0	1.8	108.6	-0.8	1.4	109.5	-0.5	1.4
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	97.3r	1.1	-6.9
2016 Jan	90.1	-1.3	-8.2	98.0	0.2	-5.2	97.8	0.5	-5.2
Feb	90.5	0.4	-8.0	98.5	0.5	-3.5	98.2	0.4	-3.3
Mar	92.0	1.7	-6.6	99.0	0.5	-2.8	98.5	0.3	-2.4
Apr	92.7	0.8	-7.1	99.3	0.3	-2.2	99.2	0.7	-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	99.8r	0.3	7.8	104.1r	0.2	6.3	104.6r	-0.1	6.3
Sep	100.0r	0.2	7.4	103.6r	-0.5	5.0	104.0r	-0.6	5.1
Oct	104.4	4.4	12.1	107.7	4.0	9.9	107.2	3.1	9.7
Nov	103.8p	-0.6	13.3	107.6p	-0.1	11.3	106.8p	-0.4	11.0
Dec	105.7p	1.8	15.8	107.7p	0.1	10.1	107.1p	0.3	10.1

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 Levy<sup>1</sup>: Materials and Fuels purchased by selected industries (not seasonally adjusted) - SIC 2007

2010=100, SIC2007

									% change 1 month		% change 12 months	
				2016 Aug	2016 Sep	2016 Oct	2016 Nov	2016 Dec	2016 Nov	2016 Dec	2016 Nov	2016 Dec
<b>Gross sector</b>												
Other mining & quarrying products <sup>2</sup>	MC3K	6107208000		114.9	114.5	116.9	116.9p	117.1p	-	0.2	4.7	4.7
Manufacture of food products, beverages, tobacco	MC35	6107110120		110.6	111.2r	113.0	113.6p	113.8p	0.5	0.2	6.8	6.9
Preserved meat & meat products	MC3V	6107310100		112.2	112.8	114.3	114.9p	115.1p	0.5	0.2	7.6	8.2
Fish, crustaceans, molluscs, fruit & vegetables	MB4X	6107310230		110.5r	111.5r	114.3	116.5p	116.2p	1.9	-0.3	9.6	5.5
Vegetable & animal oils and fats	MC3W	6107310400		118.5	119.6	121.4	120.6p	121.4p	-0.7	0.7	11.3	13.4
Dairy products	MC3X	6107310500		111.8	112.5	114.4	115.8p	116.4p	1.2	0.5	10.8	11.5
Grain mill products, starches & starch products	MC3Y	6107310600		110.6	111.1	112.9	113.7p	114.1p	0.7	0.4	7.1	7.4
Bakery & farinaceous products	MC3Z	6107310700		107.8	108.3r	110.2	110.4p	110.5p	0.2	0.1	3.7	4.0
Other food products	MB4Y	6107310800		107.7r	108.1	109.9	110.3p	110.4p	0.4	0.1	4.3	4.4
Animal feeds	MC42	6107310900		111.2	111.8	113.5	113.5p	113.7p	-	0.2	6.0	6.6
Alcoholic Beverages	MB55	6107411016		107.1	107.3	109.1	109.4p	109.5p	0.3	0.1	3.7	3.7
Soft drinks; mineral waters & other bottled waters	MC4D	6107411070		106.5	106.8r	108.2	108.2p	108.2p	-	-	2.7	2.8
Tobacco products	MC3M	6107212000		144.8	146.0	146.4	148.8p	148.8p	1.6	-	4.7	4.3
Manufacture of textiles & textile products; clothing	MC36	6107113140		109.0	109.2	110.6	110.5p	110.4p	-0.1	-0.1	2.5	2.2
Textiles	MB4P	6107213000		107.4	107.6	109.2	109.2p	109.1p	-	-0.1	2.9	2.6
Wearing apparel	MC3N	6107214000		111.5	111.6	112.6	112.4p	112.4p	-0.2	-	2.1	1.9
Manufacture of leather & related products	MC3O	6107215000		110.8	111.3	112.6	112.5p	112.1p	-0.1	-0.4	3.2	3.0
Manufacture of wood & wood products	MC3P	6107216000		111.1	111.1	113.0	113.0p	113.1p	-	0.1	3.2	3.2
Manufacture of pulp, paper & paper products, recording media & printing services	MC39	6107117180		105.8	105.9	107.2	107.6p	107.8p	0.4	0.2	2.7	2.2
Pulp, paper & paper products	MB4Q	6107217000		105.3	105.5	107.1	107.7p	107.9p	0.6	0.2	2.9	2.2
Printing & recording services	MC3Q	6107218000		106.4	106.5	107.4	107.5p	107.6p	0.1	0.1	2.5	2.1
Manufacture of coke & refined petroleum products	MC3R	6107219000		73.6	75.7	82.9	78.3p	86.9p	-5.5	11.0	21.0	47.0
Manufacture of chemicals, chemical products & man-made fibres	MC3B	6107120000		98.8r	99.2r	101.9	101.8p	101.9p	-0.1	0.1	4.8	5.5
Paints, varnishes & similar coatings, printing ink & mastics	MC43	6107320300		101.7	101.9	104.1	103.9p	103.9p	-0.2	-	4.3	4.6
Soaps, detergents, cleaning & polishing preparations perfumes & toilet preparations	MC44	6107320400		104.4	104.6	105.8	106.1p	106.1p	0.3	-	3.5	3.5
Other chemical products	MC45	6107320500		102.2	102.5	105.0	105.0p	105.2p	-	0.2	4.6	5.1
Industrial gases; other basic inorganic chemicals; fertilisers & nitrogen compounds	MC4E	6107420910		102.1	102.2	105.1	105.2p	105.5p	0.1	0.3	4.5	5.1
Petrochemicals & man made fibres	MC4F	6107420920		96.8	97.3	100.1	99.9p	99.8p	-0.2	-0.1	5.0	5.6
Dyes & pigments: pesticides & other agrochemical products	MC4G	6107420930		99.7	100.1	103.6	103.5p	104.7p	-0.1	1.2	7.1	8.6
Manufacture of basic pharmaceutical products & pharmaceutical preparations	MC3S	6107221000		104.6	104.8	106.1	106.1p	106.0p	-	-0.1	4.9	4.6
Manufacture of rubber & plastic products	MB4R	6107222000		102.3	102.5	104.6	104.6p	104.5p	-	-0.1	4.8	4.8
Manufacture of cement, lime & plaster	MC46	6107323560		110.7	110.5	112.9	113.1p	113.3p	0.2	0.2	4.2	4.1
Manufacture of glass, refractory, clay, other porcelain, ceramic stone products	MB4Z	6107323990		106.5r	106.4	109.2	109.7p	109.7p	0.5	-	4.5	4.0

<sup>1</sup> 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

<sup>2</sup> Indices includes the Aggregate Levy which was introduced in April 2002.

p = provisional  
r = revised



# 6 Input Prices, excluding Climate Change Levy<sup>1</sup>: Materials and Fuels purchased by selected industries (not seasonally adjusted) - SIC 2007

continued

2010=100, SIC2007

			2016 Aug	2016 Sep	2016 Oct	2016 Nov	2016 Dec	% change 1 month		% change 12 months	
								2016 Nov	2016 Dec	2016 Nov	2016 Dec
Manufacture of basic metals & fabricated products	<b>MC3F</b>	6107124250	100.2r	100.0r	102.7	103.6p	104.4p	0.9	0.8	12.9	14.5
Basic iron, steel & alloys: tubes, pipes, hollow profiles	<b>MC47</b>	6107324130	96.9r	97.2	100.5	101.6p	103.0p	1.1	1.4	16.6	19.2
Other basic metals & casting	<b>MB52</b>	6107324450	97.7r	97.3r	101.0	101.5p	103.2p	0.5	1.7	15.2	18.9
Weapons & ammunition	<b>MC48</b>	6107325400	105.3r	105.2r	106.4	106.7p	106.7p	0.3	-	4.0	3.7
Fabricated metal products, excluding machinery & equipment & weapons & ammunition	<b>MB53</b>	6107325990	102.0r	101.8r	104.0	104.9p	105.3p	0.9	0.4	11.2	12.0
Manufacture of computer, electronic and optical products, electrical equipment	<b>MC3G</b>	6107126270	105.7	105.6	107.4	107.4p	107.2p	-	-0.2	6.2	5.8
Computer, electronic & optical products	<b>MB4S</b>	6107226000	106.3	106.2	107.9	107.9p	107.7p	-	-0.2	5.9	5.4
Electrical equipment	<b>MB4T</b>	6107227000	104.7r	104.6r	106.5	106.6p	106.5p	0.1	-0.1	6.7	6.6
Manufacture of machinery & equipment n.e.c	<b>MB4U</b>	6107228000	106.3r	106.2r	107.9	108.1p	108.0p	0.2	-0.1	7.3	7.1
Manufacturing of motor vehicles & other transport equipment	<b>MC3I</b>	6107129300	104.8r	104.3r	106.1	105.9p	105.7p	-0.2	-0.2	5.9	5.3
Motor vehicles, trailers & semi trailers	<b>MB4V</b>	6107229000	102.8	102.2	103.9	103.5p	103.3p	-0.4	-0.2	5.4	4.6
Ships & boats	<b>MC49</b>	6107330100	108.3r	108.2r	109.7	110.1p	110.1p	0.4	-	5.3	4.9
Aircraft & spacecraft & related machinery	<b>MC4A</b>	6107330300	112.5	112.3	114.7	114.6p	114.5p	-0.1	-0.1	8.2	7.9
Other transport equipment	<b>MB54</b>	6107330990	107.3	107.2	108.1	108.3p	108.2p	0.2	-0.1	4.2	4.1
Manufacture of other manufactured goods n.e.c	<b>MC3J</b>	6107131330	110.1r	110.0	112.1	112.1p	112.1p	-	-	7.1	6.9
Furniture	<b>MC3T</b>	6107231000	106.5	106.5	108.1	108.3p	108.4p	0.2	0.1	5.6	5.8
Other manufacturing	<b>MB4W</b>	6107232000	107.6	107.4	109.1	109.2p	109.2p	0.1	-	6.1	6.0
Repair of maintenance of ships & boats	<b>MC4H</b>	6107433150	109.5	109.3	110.7	111.1p	111.1p	0.4	-	4.9	4.4
Repair & maintenance services of aircraft & spacecraft	<b>MC4I</b>	6107433160	124.5	124.2r	128.2	127.7p	127.5p	-0.4	-0.2	11.5	10.9
Other repair; installation	<b>MB56</b>	6107433990	105.8r	105.7	107.3	107.3p	107.2p	-	-0.1	6.0	5.6

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 Aug	2016 Sep	2016 Oct	2016 Nov	2016 Dec	2016 Nov	2016 Dec	2016 Nov	2016 Dec
<b>Fuel incl. CCL<sup>1</sup></b>	<b>K647</b>	6207000060	107.2	106.9	112.4	117.1p	118.9p	4.2	1.5	2.4	0.4
Domestic coal & lignite incl. CCL	<b>MC78</b>	7167205005	102.7	102.5	107.8	105.1p	112.3p	-2.5	6.9	-23.1	-9.4
Imported coal & lignite incl. CCL	<b>MC8U</b>	7169205005	71.9	79.6	93.8	76.5p	76.5p	-18.4	-	5.8	-8.9
Electricity incl. CCL	<b>MC8F</b>	7167335105	117.5	117.3	118.5	123.3p	125.7p	4.1	1.9	5.4	4.2
Gas incl. CCL	<b>MC8H</b>	7167335235	90.8	90.0	102.8	107.9p	108.6p	5.0	0.6	-1.7	-5.6
<b>Fuel excl. CCL</b>	<b>K645</b>	6207000020	107.1	106.5	112.0	116.7p	118.6p	4.2	1.6	2.4	0.3
Domestic coal & lignite excl. CCL	<b>MC77</b>	7167205000	101.4	101.2	107.1	104.1p	112.0p	-2.8	7.6	-25.1	-10.3
Imported coal & lignite excl. CCL	<b>MC8T</b>	7169205000	71.3	79.1	93.8	76.1p	76.0p	-18.9	-0.1	6.6	-8.8
Electricity excl. CCL	<b>MC8E</b>	7167335100	117.3	117.0	118.0	123.4p	126.0p	4.6	2.1	5.4	4.2
Gas excl. CCL	<b>MC8G</b>	7167335230	91.2	89.9	103.0	107.3p	107.8p	4.2	0.5	-1.9	-6.0
<b>Crude petroleum oils &amp; metal ores</b>	<b>MC4P</b>	6207008700	68.9	71.1	78.6	73.1p	83.2p	-7.0	13.8	23.5	56.7
Domestic crude oil & metal ores	<b>MC79</b>	7167206070	66.3	68.7	77.6	71.3p	82.6p	-8.1	15.8	27.3	67.9
Imported crude oil & metal ores	<b>MC8V</b>	7169206070	70.1	72.3	79.1	73.9p	83.5p	-6.6	13.0	21.7	52.1
<b>Food manufacturing:</b>											
<b>Home produced food materials</b>											
Agricultural crop products	<b>MC74</b>	7167201000	112.6	113.8r	114.9	116.4p	117.8p	1.3	1.2	15.1	17.2
Fish & other fish products	<b>MC76</b>	7167203000	99.9r	103.7r	108.9	118.0p	114.4p	8.4	-3.1	19.0	-4.3
<b>Imported food materials</b>											
Agricultural crop products	<b>MC8Q</b>	7169201000	124.9	124.1r	128.5	130.5p	129.3p	1.6	-0.9	10.1	7.9
Fish & fish products	<b>MC8S</b>	7169203000	154.2	153.7	164.4	164.3p	163.9p	-0.1	-0.2	30.4	27.7
Meat & meat products	<b>MC9F</b>	7169310100	99.9	102.4	107.2	107.4p	106.0p	0.2	-1.3	10.8	12.5
Processed fish & fish products; fruit & vegetables	<b>MC9G</b>	7169310230	117.8	117.7	124.2	123.9p	122.5p	-0.2	-1.1	9.0	7.2
Vegetable, animal oils & fats	<b>MC9H</b>	7169310400	108.6	103.0	107.9	107.1p	108.0p	-0.7	0.8	22.3	29.0
Dairy products	<b>MC9I</b>	7169310500	101.8	103.0	107.3	107.4p	105.8p	0.1	-1.5	11.4	12.8
Grain mill products & starches	<b>MC9J</b>	7169310600	111.6	112.1	117.4	117.3p	116.0p	-0.1	-1.1	11.3	12.2
Bakery & farinaceous products	<b>MC9K</b>	7169310700	105.5	106.6	111.1	111.2p	109.6p	0.1	-1.4	11.3	12.6
Other food products	<b>MC9L</b>	7169310800	109.6	110.2	115.2	115.1p	113.8p	-0.1	-1.1	11.1	11.8
Prepared animal feeds	<b>MC9M</b>	7169310900	106.4	107.3	112.0	112.0p	110.6p	-	-1.2	11.3	12.5
<b>Other home produced materials</b>											
Forestry products	<b>MC75</b>	7167202000	145.4	145.4	145.4	145.4p	145.4p	-	-	-5.1	-5.1
Other mining & quarrying products	<b>MC7A</b>	7167208000	117.1	115.9	116.1	116.1p	116.6p	-	0.4	-0.3	0.6
Water collection, treatment & supply	<b>MC7R</b>	7167236000	116.2	116.2	116.2	116.2p	116.2p	-	-	1.2	1.2
<b>Imported metals</b>											
Basic iron, steel & ferro alloys, tubes & pipes	<b>MC9S</b>	7169324130	97.3	98.1r	104.3	109.1p	111.5p	4.6	2.2	36.2	40.6
Other basic metals & casting	<b>MC9T</b>	7169324450	93.7r	93.4r	98.6	101.0p	101.7p	2.4	0.7	32.4	34.2
<b>Imported chemicals</b>											
Paints, varnishes & coatings, printing inks & other mastics	<b>MC9N</b>	7169320300	105.7	105.6	109.1	107.2p	105.1p	-1.7	-2.0	14.8	10.6
Soap, detergents, cleaning & polishing preparations, perfumes & toilet preparations	<b>MC9O</b>	7169320400	104.8	104.7	107.0	106.2p	104.9p	-0.7	-1.2	14.9	13.7

1 The Climate Change Levy was introduced in April 2001.

Source: Office for National Statistics

p = provisional  
r = revised

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

continued

2010=100, SIC2007

								% change 1 month		% change 12 months	
			2016 Aug	2016 Sep	2016 Oct	2016 Nov	2016 Dec	2016 Nov	2016 Dec	2016 Nov	2016 Dec
Other chemical products	MC9P	7169320500	105.8	105.7	108.3	106.9p	105.6p	-1.3	-1.2	8.3	6.2
Industrial gases, inorganic chemicals, fertilisers & nitrogen compounds	MCA3	7169420910	104.0	103.9r	107.8	105.5p	104.5p	-2.1	-0.9	2.8	1.8
Petrochemicals & man made fibres	MCA4	7169420920	103.4	103.6r	106.5	105.5p	103.5p	-0.9	-1.9	11.1	7.9
Dyes & pigments; pesticides & other agro-chemical products	MCA5	7169420930	119.4	119.2	123.7	122.2p	120.3p	-1.2	-1.6	25.5	21.5
Basic pharmaceutical products & pharmaceutical preparations	MC97	7169221000	97.4	97.3	99.0	98.1p	97.4p	-0.9	-0.7	7.7	6.0
Rubber & plastic products	MC98	7169222000	112.9r	113.0r	115.0	114.4p	113.7p	-0.5	-0.6	6.7	5.6
<b>Other imported parts &amp; equipment</b>	MC4N	6207008520	103.6	102.1r	106.1	104.2p	103.1p	-1.8	-1.1	10.3	7.2
Computer, electronic & optical products	MC99	7169226000	123.2	123.0	128.2	126.9p	126.2p	-1.0	-0.6	13.7	12.2
Electrical equipment	MC9A	7169227000	110.4	110.0r	114.0	113.2p	112.1p	-0.7	-1.0	14.8	12.2
Machinery & equipment n.e.c	MC9B	7169228000	111.1	110.9	115.4	113.5p	111.5p	-1.6	-1.8	16.3	12.7
Motor vehicles, trailers & semi-trailers	MC9C	7169229000	90.2	84.9	88.0	84.2p	83.8p	-4.3	-0.5	-5.4	-10.2
Weapons & ammunition	MC9U	7169325400	86.0	85.4	88.8	87.4p	85.9p	-1.6	-1.7	15.2	12.6
Fabricated metal products	MC9V	7169325990	84.7	84.1	87.5	86.0p	84.5p	-1.7	-1.7	15.7	13.3
Ships & boats	MC9W	7169330100	106.8	106.8	108.4	108.1p	108.0p	-0.3	-0.1	3.0	2.7
Aircraft, spacecraft & related machinery	MC9X	7169330300	105.5	105.4	108.3	107.9p	107.7p	-0.4	-0.2	8.4	7.6
Other transport equipment	MC9Y	7169330990	104.4	104.3	106.6	106.2p	106.0p	-0.4	-0.2	5.4	4.7
<b>Other imports</b>	MC4M	6207008510	114.3	114.1	117.9	116.7p	115.9p	-1.0	-0.7	12.9	10.8
Forestry products	MC8R	7169202000	113.8	115.2	122.5	121.3p	116.3p	-1.0	-4.1	10.2	6.9
Other mining & quarrying products	MC8W	7169208000	140.4	139.8	148.7	146.8p	146.1p	-1.3	-0.5	19.0	16.9
Tobacco products	MC8X	7169212000	100.2	99.9	82.4	80.5p	78.7p	-2.3	-2.2	-2.2	-10.1
Textiles	MC8Y	7169213000	118.2r	118.0r	123.2	121.6p	120.4p	-1.3	-1.0	14.3	12.2
Wearing apparel	MC8Z	7169214000	121.5	121.4	123.5	120.3p	117.4p	-2.6	-2.4	16.5	10.9
Leather & related leather products	MC92	7169215000	115.2	115.0	118.3	117.0p	118.2p	-1.1	1.0	9.9	10.0
Wood & wooden products	MC93	7169216000	105.3	105.2	108.9	107.3p	107.0p	-1.5	-0.3	11.2	10.5
Paper & paper products	MC94	7169217000	102.0	102.3	103.2	103.4p	103.4p	0.2	-	5.9	4.2
Printing & recording services	MC95	7169218000	104.6	104.4	109.3	106.4p	104.6p	-2.7	-1.7	20.4	16.0
Coke & refined petroleum products	MC96	7169219000	144.8	144.4	152.4	149.3p	147.1p	-2.0	-1.5	25.1	20.7
Furniture	MC9D	7169231000	60.8	60.8	61.9	61.2p	60.7p	-1.1	-0.8	7.2	5.9
Glass, refractory, clay other porcelain, ceramic stone & abrasive products	MC9R	7169323990	109.9	109.6r	112.9	111.1p	109.9p	-1.6	-1.1	12.0	9.2
Cement, lime, plaster & articles of concrete, cement & plaster	MC9Q	7169323560	109.9	109.5	112.8	111.0p	109.8p	-1.6	-1.1	12.0	9.3
Alcoholic beverages	MC9Z	7169411016	108.1	112.5	117.7	114.9p	112.5p	-2.4	-2.1	25.6	20.4
Soft drinks, mineral water & other bottled waters	MCA2	7169411070	116.4	122.6	128.4	124.8p	121.5p	-2.8	-2.6	29.6	22.7
Other manufactured goods n.e.c	MC9E	7169232000	106.3	105.0	107.6	106.6p	105.5p	-0.9	-1.0	7.6	7.7
<b>Imported materials</b>											
All imported materials - total (incl Crude Oil)	K64F	6207008500	98.8r	98.8r	103.3	101.9p	103.2p	-1.4	1.3	14.6	16.9

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 Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
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	0.1	0.1	0.1	0.1	0.1	0.1
Dec	..	..	..	..	..	..

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

Source: Office for National Statistics

# 9R Net Sector Input Prices, including Climate Change Levy<sup>1</sup>: 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 Jun	-	-	-	-	-	-	-	-	-
Jul	-	-	-	-	-	-	-	-	-
Aug	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-0.3	-0.4	-0.3
2016 Jan	-	-	-	-	-	-	-	0.3	-
Feb	-	-	-	-	-	-	-	-	-
Mar	-	-	-	-	-	-	-	-	-
Apr	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-
Jun	-	-	-	-	-	-	-	-	-
Jul	-	-	-	-	-	-	-	-	-
Aug	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1	-0.1
Sep	-0.1	-	-0.1	-0.2	-0.1	-0.2	-0.2	-0.1	-0.2
Oct	-0.2	-0.1	-0.3	-0.4	-0.1	-0.4	-0.5	-0.3	-0.5
Nov	0.4	0.5	0.4	-0.2	0.2	-0.2	-0.3	0.2	-0.3
Dec	..	..	..	..	..	..	..	..	..

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

Source: Office for National Statistics