

Statistical bulletin

Producer price inflation, UK: April 2019

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 headline rate of output inflation for goods leaving the factory gate was 2.1% on the year to April 2019, down from 2.2% in March 2019.
- The growth rate of prices for materials and fuels used in the manufacturing process was 3.8% on the year to April 2019, up from 3.2% in March 2019.
- All product groups provided upward contributions to output annual inflation.
- Crude oil provided the largest upward contribution to the annual rate of input inflation, increasing to 6.9% on the year.

2 . Things you need to know about this release

The [public consultation](#) to collect users' views on possible changes to the level of detail published in the Producer Price Indices (PPI) has now been launched. We would like to know what you think of our proposed changes so the consultation will remain open until 26 June 2019. We will publish our initial findings of the responses within 12 weeks of this date.

The factory gate price (output price) is the amount received by UK producers 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.

The use of core input inflation removes the more volatile indices of food, tobacco, beverages and petrol from our statistics.

Index numbers shown in the main text of this bulletin are on a net sector basis. The index for any industry relates only to transactions between that industry and other industries; sales and purchases within industries 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 Value Added Tax (VAT). The Soft Drinks Industry Levy, introduced in April 2018, is also excluded. Excise Duty (on cigarettes, manufactured tobacco, alcoholic liquor and petroleum products) is included, except where labelled otherwise.

Each Producer Price Index (PPI) has two unique identifiers: a 10-digit index number, which relates to the [Standard Industrial Classification 2007: SIC 2007](#) code appropriate to the index, and a four-character alphanumeric code (series ID), which can be used to find series when using the [time series dataset](#) for PPI.

Figures for the latest two months are provisional and the latest five months are subject to revisions in light of late and revised respondent data. Revisions to seasonal adjustment factors are re-estimated every month for the seasonally adjusted series. A routine seasonal adjustment review is normally conducted in the autumn each year.

3 . Producer price inflation summary

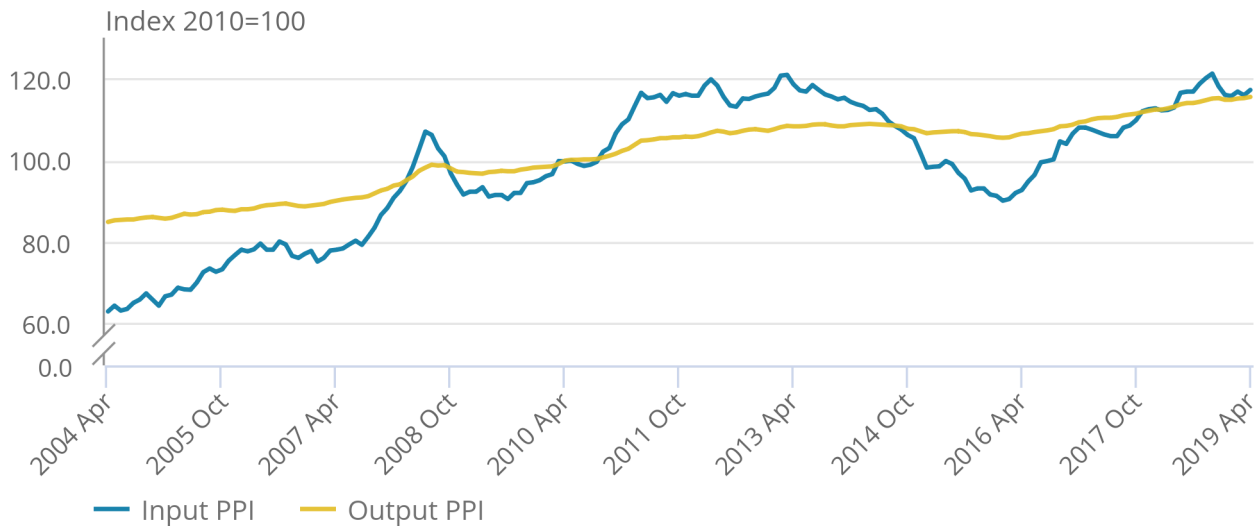
Figure 1 shows input and output Producer Price Indices (PPI) over the past 15 years. Input PPI is driven mostly by commodity prices, which tend to be more volatile over time compared with prices for finished goods (output PPI). Input PPI is also sensitive to exchange rate movements as roughly two-thirds of inputs into the UK manufacturing sector are imported.

Figure 1: Output producer price inflation (PPI) is 115.5, while input PPI is 117.2

Input and output PPI, UK, April 2004 to April 2019

Figure 1: Output producer price inflation (PPI) is 115.5, while input PPI is 117.2

Input and output PPI, UK, April 2004 to April 2019



Source: Office for National Statistics – Producer Price Index

4 . Annual rate of output inflation slows while the monthly rate rises in April 2019

In April 2019, the annual rate of inflation for goods leaving the factory gate (output prices) slowed from 2.2% in March 2019 to 2.1% in April 2019 (Table 1). The 12-month rate of output inflation has remained positive since July 2016. The monthly rate was 0.3% in April 2019, up from 0.1% in March 2019.

Table 1: Output prices, index values, growth rates and percentage point change to the 12-month rate, UK, April 2018 to April 2019

All manufactured products (JVZ7)

	PPI Index (2010=100)	1-month rate	12-month rate	Change in the 12-month rate (percentage points)
2018 Apr	113.1	0.4	2.5	0.0
May	113.7	0.5	3.0	0.5
June	114.0	0.3	3.3	0.3
July	114.0	0.0	3.1	-0.2
Aug	114.3	0.3	3.0	-0.1
Sept	114.7	0.3	3.1	0.1
Oct	115.1	0.3	3.3	0.2
Nov	115.2	0.1	3.0	-0.3
Dec	114.8	-0.3	2.4	-0.6
2019 Jan	114.8	0.0	2.1	-0.3
Feb	115.1	0.3	2.4	0.3
Mar	115.2	0.1	2.2	-0.2
Apr	115.5	0.3	2.1	-0.1

Source: Office for National Statistics – Producer Price Index

Notes

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

Figure 2 shows contributions by product group to the monthly and annual rate of output inflation and Table 2 shows monthly and annual growth rates by product group.

All product groups provided positive contributions to the output annual rate.

Other manufactured products provided the largest upward contribution of 0.33 percentage points to the annual rate (Figure 2), due to price growth of 2.2% on the year to April 2019 (Table 2). This growth was driven mainly by other non-metallic mineral products, which increased by 3.3% on the year to April 2019.

Computers, electrical and optical products displayed the second-largest upward contribution of 0.31 percentage points to the annual rate, with annual growth of 2.6% in April 2019. This is the highest rate for this industry since February 2018.

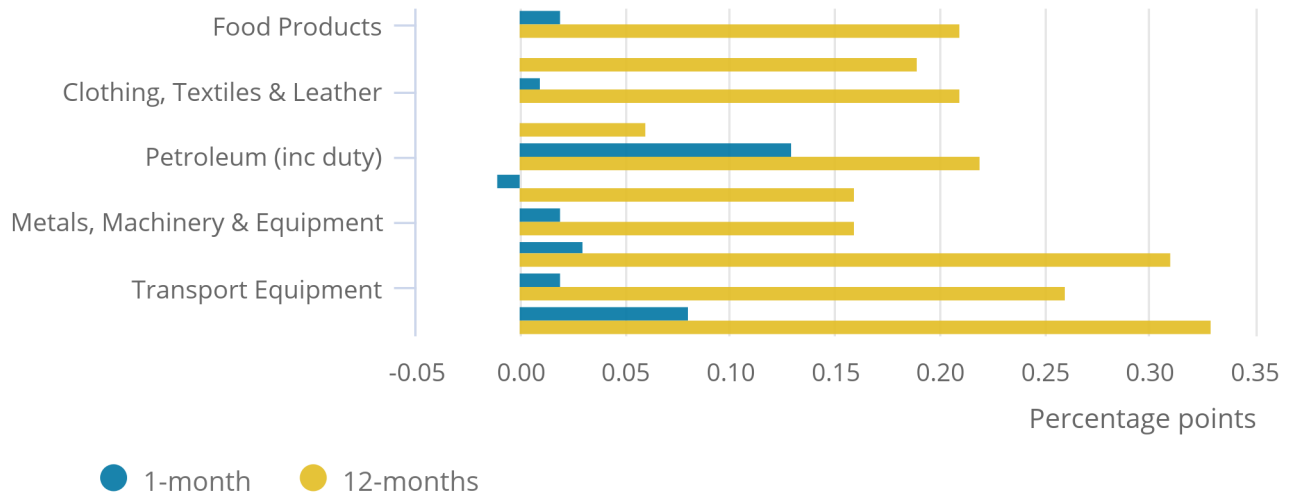
Petroleum products provided the largest upward contribution to the monthly rate of output inflation, at 0.13 percentage points. Prices for this product group rose by 1.3% on the month in April 2019. Chemicals and pharmaceuticals provided the only downward contribution of 0.01 percentage points, falling to 0.1% on the month.

Figure 2: Other manufactured products provided the largest contribution to the annual rate in April 2019

Output prices contribution to 1-month and 12-month growth rate, UK, April 2019

Figure 2: Other manufactured products provided the largest contribution to the annual rate in April 2019

Output prices contribution to 1-month and 12-month growth rate, UK, April 2019



Source: Office for National Statistics – Producer Price Index

Notes:

1. Contributions to the rate may not add up to the rate exactly due to rounding.

Table 2: Output prices, growth rates, UK, April 2019

Product group	Percentage Change	
	1-month rate	12-month rate
Food products	0.1	1.4
Tobacco and alcohol (incl. duty)	0.0	1.9
Clothing, textile and leather	0.1	1.9
Paper and printing	0.0	1.6
Petroleum products (incl. duty)	1.3	2.8
Chemical and pharmaceutical	-0.1	2.0
Metal, machinery and equipment	0.3	2.2
Computer, electrical and optical	0.2	2.6
Transport equipment	0.2	2.1
Other manufactured products	0.3	2.2
All manufacturing	0.3	2.1

Source: Office for National Statistics – Producer Price Index

Figure 3 shows contributions to the change in the annual rate for factory gate prices (output prices).

There was a 0.1 percentage point decrease in the annual rate for outputs between March 2019 and April 2019. The largest downward contribution came from petroleum products at 0.08 percentage points, while alcohol and tobacco, and chemicals and pharmaceuticals both made negative contributions of 0.03 percentage points.

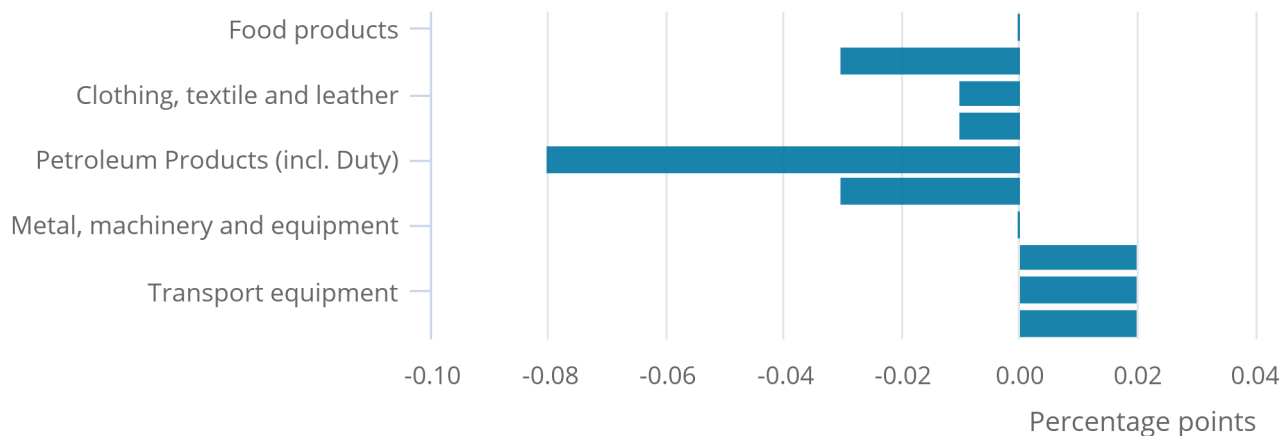
Three industries, computers, electrical and optical equipment, transport equipment, and other manufactured products, each made upward contributions of 0.02 percentage points to the change in the rate.

Figure 3: Five out of 10 industries provided downward contributions to the change in the annual rate, the largest coming from petroleum products

Output PPI, contribution to change in the annual rate, UK, April 2019

Figure 3: Five out of 10 industries provided downward contributions to the change in the annual rate, the largest coming from petroleum products

Output PPI, contribution to change in the annual rate, UK, April 2019



Source: Office for National Statistics – Producer Price Index

Notes:

1. Contributions to the rate may not add up to the rate exactly due to rounding.

5 . Annual rate of input inflation rises in April 2019, supported by a positive movement in the monthly rate

The annual rate of inflation for materials and fuels purchased by manufacturers (input prices) rose to 3.8% in April 2019, up 0.6 percentage points from March 2019 (Table 3). The 12-month rate of input inflation has remained positive since July 2016.

The one-month rate for materials and fuels rose 1.9 percentage points to a positive 1.1% in April 2019 (Table 3).

Table 3: Input prices, index values, growth rates and percentage point change to the 12-month rate, UK, April 2018 to April 2019

All materials and fuels purchased (K646)

	PPI Index (2010=100)	1-month rate	12-month rate	Change in the 12-month rate (percentage points)
2018 Apr	112.9	0.5	5.6	1.1
May	116.5	3.2	9.6	4.0
June	116.8	0.3	10.3	0.7
July	116.8	0.0	10.3	0.0
Aug	118.7	1.6	9.9	-0.4
Sept	120.1	1.2	10.7	0.8
Oct	121.2	0.9	10.4	-0.3
Nov	118.1	-2.6	5.4	-5.0
Dec	116.0	-1.8	3.1	-2.3
2019 Jan	115.7	-0.3	2.7	-0.4
Feb	116.8	1.0	4.1	1.4
Mar	115.9	-0.8	3.2	-0.9
Apr	117.2	1.1	3.8	0.6

Source: Office for National Statistics – Producer Price Index

Notes

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

The annual rate of inflation for imported materials and fuels was 3.3% in April 2019 (Table 4), which is up from March 2019. Imported materials and fuels represent roughly two-thirds of overall materials and fuels (input prices) in terms of index weight.

The sterling effective exchange rate index (ERI) fell 0.5% on the month to 79.5 in April 2019 (Table 4). This is the first time in 2019 that the ERI monthly rate has decreased. On the year, the ERI displayed negative growth of 0.9%, down from 1.0% in March 2019 (source: [Bank of England](#)).

All else equal, a weaker sterling effective exchange rate will lead to more expensive inputs of imported materials and fuels.

Table 4: Imported materials and fuels purchased and sterling effective exchange rate, index values, growth rates and percentage point change to the 12-month rate, UK, April 2018 to April 2019

	Imported materials and fuels purchased (K64F)				Sterling effective exchange rate - month average (BK67)		
	PPI Index (2010=100)	1-month rate	12-month rate	Change in the 12-month rate (percentage points)	Sterling Index (Jan 2005=100)	1-month rate	12-month rate
2018							
Apr	109.8	0.5	4.6	1.5	80.2	1.4	2.4
May	113.8	3.6	9.1	4.5	78.8	-1.7	0.3
June	114.0	0.2	9.2	0.1	78.4	-0.5	1.8
July	114.6	0.5	10.0	0.8	78.1	-0.4	1.4
Aug	115.8	1.0	8.6	-1.4	77.4	-0.9	2.5
Sept	116.1	0.3	8.9	0.3	78.2	1.0	1.4
Oct	117.1	0.9	8.7	-0.2	78.6	0.5	1.8
Nov	114.6	-2.1	4.9	-3.8	78.3	-0.4	0.9
Dec	112.4	-1.9	2.7	-2.2	76.7	-2.0	-1.9
2019							
Jan	111.4	-0.9	1.6	-1.1	77.8	1.4	-1.3
Feb	112.1	0.6	2.7	1.1	78.8	1.3	-0.1
Mar	112.1	0.0	2.7	0.0	79.9	1.4	1.0
Apr	113.4	1.2	3.3	0.6	79.5	-0.5	-0.9

Source: Office for National Statistics – Producer Price Index

Notes

1. Series are not seasonally adjusted. [Back to table](#)
2. The sterling effective exchange rate measures changes in the strength of sterling relative to a basket of other. [Back to table](#)
3. 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 manufacturing sector. [Back to table](#)

Figure 4 shows contributions by product group to the monthly and annual rate of input inflation and Table 5 shows monthly and annual growth rates by product group.

The largest positive contribution to the annual rate in April 2019 came from crude oil, which contributed 1.20 percentage points (Figure 4) and had annual price growth of 6.9% (Table 5). This is the highest the rate has been since November 2018. Crude oil also made the largest contribution to the monthly rate at 0.94 percentage points, with monthly growth of 5.7% in April 2019, up from 2.5% in March 2019. The monthly rate for world crude oil prices rose 7.5% in April 2019, with an average price of \$69 per barrel (source: [World Bank](#))

Inputs of fuel provided the second-largest contribution to the annual rate (0.87 percentage points), with annual price growth of 8.1% in April 2019.

There were no negative contributions to the annual rate from any product group.

The monthly rate of 1.1% was driven by crude oil, with other positive contributions coming from imported parts and equipment, and home food materials of 0.14 and 0.12 percentage points respectively.

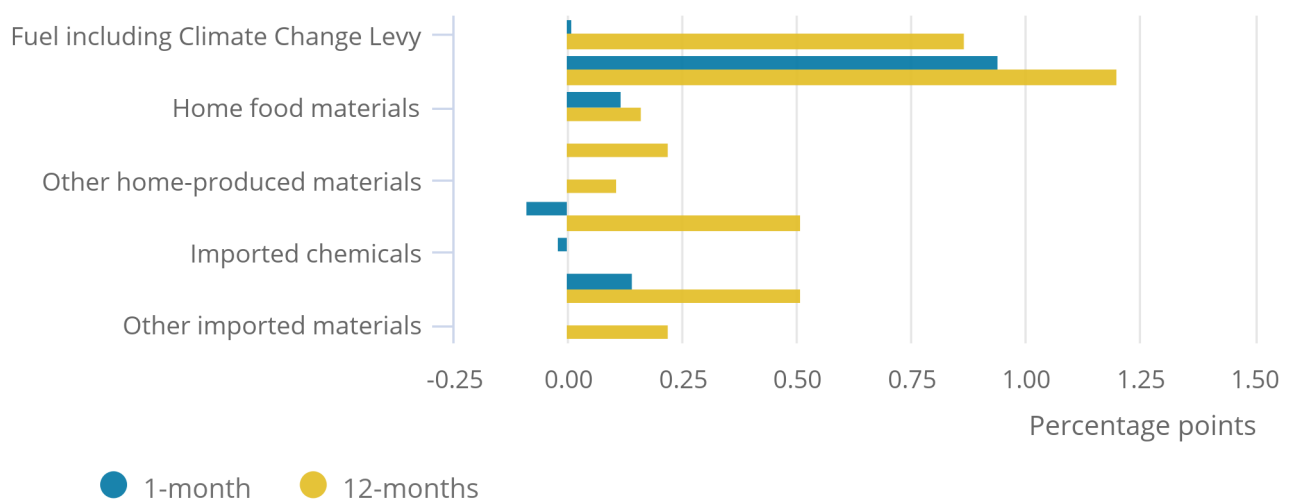
In contrast to March 2019, when seven out of the nine product groups made negative contributions to the monthly rate, only two have contributed negatively in April 2019. Fuel and imported parts and equipment both made notable swings from negative to positive contributions between March and April 2019.

Figure 4: Crude oil provided the largest contribution to the annual rate in April 2019

Input PPI, contribution to 1-month and 12-month growth rate, UK, April 2019

Figure 4: Crude oil provided the largest contribution to the annual rate in April 2019

Input PPI, contribution to 1-month and 12-month growth rate, UK, April 2019



Source: Office for National Statistics – Producer Price Index

Notes:

- Contributions to the rate may not add up to the rate exactly due to rounding.

Table 5: Input prices, growth rates, UK, April 2019

Product group	Percentage change	
	1-month rate	12-month rate
Fuel including Climate Change Levy	0.0	8.1
Crude oil	5.7	6.9
Home food materials	0.9	1.1
Imported food materials	0.0	3.0
Other home-produced materials	-0.1	3.4
Imported metals	-1.1	6.3
Imported chemicals	-0.2	0.0
Imported parts and equipment	0.9	3.1
Other imported materials	0.1	2.6
All manufacturing	1.1	3.8

Source: Office for National Statistics – Producer Price Index

Figure 5 shows contributions to the change in the annual rate of inflation for fuels and materials purchased by manufacturers (input prices).

There was a 0.6 percentage points increase in the annual rate for inputs between March and April 2019, with seven out of the nine product groups displaying upward contributions to the change in the rate. Other imported parts and equipment provided the largest upward contribution of 0.22 percentage points, with crude oil and fuel also making positive contributions, at 0.17 and 0.13 percentage points respectively.

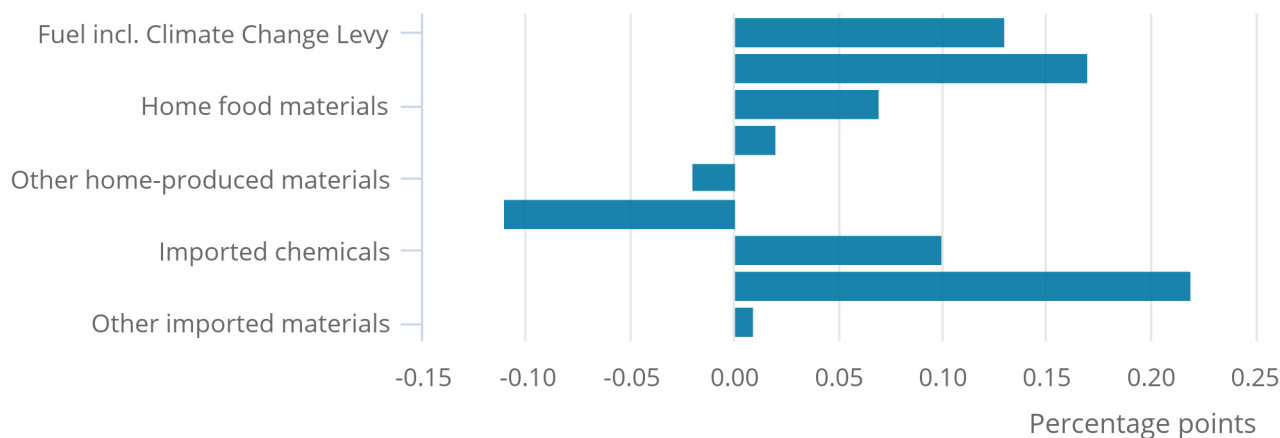
The largest downward contribution came from imported metals at 0.11 percentage points.

Figure 5: Seven of the nine industries provided upward contributions to the change in the rate, the largest coming from other imported parts and equipment

Input PPI, contribution to change in the annual rate, UK, April 2019

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Input PPI, contribution to change in the annual rate, UK, April 2019



Source: Office for National Statistics – Producer Price Index

Notes:

1. Contributions to the rate may not add up to the rate exactly due to rounding.

6 . Links to related statistics

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

- [Aerospace and electronic cost indices time series](#)
- [Producer Price Index time series](#)

Higher, lower and equal movements for each Producer Price Index are shown in the [Producer price inflation records: monthly figures](#).

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

- [Producer price inflation revision triangle: total output 12-months \(JVZ7\)](#)
- [Producer price inflation revision triangle: total output 1-month \(JVZ7\)](#)
- [Producer price inflation revision triangle: total input 12-months \(K646\)](#)
- [Producer price inflation revision triangle: total input 1-month \(K646\)](#)

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

7 . Quality and methodology

The [Producer Price Index \(PPI\) Quality and Methodology Information report](#) contains important information on:

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

If you would like more information about the reliability of the data, [a PPI standard errors article](#) was published on 18 May 2018. The tables present the calculated standard errors of the PPI during the period January 2017 to December 2017, for both month-on-month and 12-month growth.

[Guidance on using indices in indexation clauses \(PDF, 197KB\)](#) 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 \(PDF, 1.18MB\)](#) 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		
2018 Oct	115.1	0.3	3.3	113.1	0.3	2.5	118.1	-	1.5	113.3	2.3	15.4
Nov	115.2	0.1	3.0	113.2	0.1	2.4	118.4	0.3	1.5	110.7	-2.3	10.9
Dec	114.8	-0.3	2.4	113.4	0.2	2.5	118.6	0.2	0.9	104.1	-6.0	3.7
2019 Jan	114.8	-	2.1	113.7	0.3	2.4	118.7	0.1	1.5	101.6	-2.4	0.3
Feb	115.1	0.3	2.4	113.9	0.2	2.3	118.6	-0.1	1.5	102.9	1.3	2.9
Mar	115.2p	0.1	2.2	113.8p	-0.1	2.2	118.9p	0.3	1.5	103.8p	0.9	4.4
Apr	115.5p	0.3	2.1	114.0p	0.2	2.2	119.2p	0.3	1.4	105.2p	1.3	2.8

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		
2018 Oct	121.2	0.9	10.4	119.9	0.9	9.9	133.3	1.4	14.5
Nov	118.1	-2.6	5.4	116.5	-2.8	5.0	132.5	-0.6	9.4
Dec	116.0	-1.8	3.1	113.8	-2.3	2.3	135.3	2.1	9.3
2019 Jan	115.7r	-0.3	2.7	113.1	-0.6	1.4	138.8	2.6	13.1
Feb	116.8	1.0	4.1	114.1	0.9	3.0	141.0	1.6	13.3
Mar	115.9p	-0.8	3.2	114.1p	-	2.8	132.0p	-6.4	6.8
Apr	117.2p	1.1	3.8	115.6p	1.3	3.4	132.0p	-	8.1

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		
2015 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	108.7	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	109.5	0.2	3.7	108.6	-	2.4	109.9	0.2	3.5
Mar	110.0	0.5	3.7	109.0	0.4	2.6	110.2	0.3	3.4
Apr	110.3	0.3	3.6	109.4	0.4	2.8	110.6	0.4	3.4
May	110.4	0.1	3.6	109.5	0.1	2.8	110.7	0.1	3.5
Jun	110.4	-	3.3	109.7	0.2	2.9	110.7	-	3.2
Jul	110.6	0.2	3.3	109.9	0.2	2.5	110.9	0.2	3.2
Aug	111.0	0.4	3.4	110.2	0.3	2.6	111.3	0.4	3.3
Sep	111.2	0.2	3.3	110.1	-0.1	2.5	111.5	0.2	3.2
Oct	111.4	0.2	2.9	110.3	0.2	2.2	111.8	0.3	2.8
Nov	111.8	0.4	3.1	110.5	0.2	2.3	112.1	0.3	3.0
Dec	112.1	0.3	3.1	110.6	0.1	2.3	112.4	0.3	3.0
2018 Jan	112.4	0.3	2.8	111.0	0.4	2.2	112.6	0.2	2.6
Feb	112.4	-	2.6	111.3	0.3	2.5	112.7	0.1	2.5
Mar	112.7	0.3	2.5	111.4	0.1	2.2	112.9	0.2	2.5
Apr	113.1	0.4	2.5	111.6	0.2	2.0	113.3	0.4	2.4
May	113.7	0.5	3.0	111.9	0.3	2.2	113.8	0.4	2.8
Jun	114.0	0.3	3.3	112.3	0.4	2.4	114.1	0.3	3.1
Jul	114.0	-	3.1	112.4	0.1	2.3	114.1	-	2.9
Aug	114.3	0.3	3.0	112.6	0.2	2.2	114.4	0.3	2.8
Sep	114.7	0.3	3.1	112.8	0.2	2.5	114.8	0.3	3.0
Oct	115.1	0.3	3.3	113.1	0.3	2.5	115.2	0.3	3.0
Nov	115.2	0.1	3.0	113.2	0.1	2.4	115.2	-	2.8
Dec	114.8	-0.3	2.4	113.4	0.2	2.5	114.9	-0.3	2.2
2019 Jan	114.8	-	2.1	113.7	0.3	2.4	115.0	0.1	2.1
Feb	115.1	0.3	2.4	113.9	0.2	2.3	115.2	0.2	2.2
Mar	115.2p	0.1	2.2	113.8p	-0.1	2.2	115.3p	0.1	2.1
Apr	115.5p	0.3	2.1	114.0p	0.2	2.2	115.6p	0.3	2.0

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

			2018 Dec	2019 Jan	2019 Feb	2019 Mar	2019 Apr	Percentage change 1 month		Percentage change 12 months	
								2019 Mar	2019 Apr	2019 Mar	2019 Apr
Net sector											
Output of manufactured products	JVZ7	7200700000	114.8	114.8	115.1	115.2p	115.5p	0.1	0.3	2.2	2.1
All manufacturing, excluding duty	JVZ8	7200700010	114.9	115.0	115.2	115.3p	115.6p	0.1	0.3	2.1	2.0
All manufacturing, excluding food, beverages, tobacco and petroleum	K3BI	7200799000	113.4	113.7	113.9	113.8p	114.0p	-0.1	0.2	2.2	2.2
Gross Sector											
Food products, beverages and tobacco, including duty	K65A	7111101280	118.6	118.7	118.6	118.9p	119.2p	0.3	0.3	1.5	1.4
Food products	K37L	7112100000	118.0r	118.0	117.8	118.2p	118.3p	0.3	0.1	1.4	1.4
Tobacco products, including duty	K37Q	7112120080	175.5	175.5	175.5	175.5p	175.5p	-	-	4.7	4.1
Alcoholic beverages, including duty	MC6A	7229110080	112.0B	112.2B	112.5B	112.7pB	112.7pB	0.2	-	0.6	0.4
Soft drinks, mineral waters and other bottled waters	JU5C	1107000000	107.1B	106.9B	107.6B	107.2pB	111.0pB	-0.4	3.5	1.3	3.1
Textiles	K37R	7112130000	114.6	114.8	115.2	116.3p	116.7p	1.0	0.3	1.4	2.0
Wearing apparel	K37S	7112140000	118.5	118.8	118.8	118.9p	118.9p	0.1	-	2.9	2.6
Leather and related products	K37T	7112150000	124.0	125.0	125.0	125.0p	125.0p	-	-	-1.0	-1.0
Wood and products of wood and cork, except furniture	K37U	7112160000	129.6	130.1r	130.3	130.4p	130.7p	0.1	0.2	4.3	3.3
Paper and paper products	K37V	7112170000	113.9	114.2	114.8	114.8p	114.7p	-	-0.1	3.2	3.0
Printing and recording services	K37W	7112180000	104.2	104.4	104.6	104.5p	104.6p	-0.1	0.1	-0.1	-0.2
Coke and refined petroleum products, including duty	K37Y	7112190080	104.1	101.6	102.9	103.8p	105.2p	0.9	1.3	4.4	2.8
Chemicals and chemical products	K37Z	7112200000	115.2	115.7	114.4	113.9p	113.7p	-0.4	-0.2	3.1	1.2
Basic pharmaceutical products and pharmaceutical preparations	K382	7112210000	113.3	113.6	113.4	113.5p	113.5p	0.1	-	1.9	2.9
Rubber and plastic products	K383	7112220000	116.0r	115.9	116.0	116.4p	116.6p	0.3	0.2	1.7	1.8
Other non-metallic mineral products	K384	7112230000	119.3r	120.2r	121.6	121.5p	122.2p	-0.1	0.6	2.9	3.3
Basic metals	K385	7112240000	117.1r	116.8r	116.5	117.6p	118.3p	0.9	0.6	1.1	2.3
Fabricated metal products, except machinery and equipment	K386	7112250000	116.7	116.6	116.5	116.6p	116.9p	0.1	0.3	3.5	3.2
Computer, electronic and optical products	K387	7112260000	103.8	104.0	105.3	105.2p	105.4p	-0.1	0.2	3.1	3.3
Electrical equipment	K388	7112270000	109.3	109.3	109.1	109.4p	109.9p	0.3	0.5	0.2	0.8
Machinery and equipment n.e.c.	K389	7112280000	118.1	118.6r	118.9	119.2p	119.3p	0.3	0.1	1.4	1.4
Motor vehicles, trailers and semi-trailers	K38A	7112290000	108.8	109.6r	109.5	109.3p	109.4p	-0.2	0.1	1.9	2.0
Other transport equipment	K38B	7112300000	116.8	117.1r	116.3	116.2p	116.6p	-0.1	0.3	2.1	2.5
Furniture	K38C	7112310000	116.3r	116.4r	116.4	116.4p	116.3p	-	-0.1	1.9	1.7
Other manufactured goods	K38D	7112320000	112.6	112.5r	112.6	112.4p	112.5p	-0.2	0.1	1.3	1.5
Repair and installation services of machinery and equipment	K38E	7112330000	128.9	128.7	129.0	129.0p	129.1p	-	0.1	1.7	2.1

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		
2015 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	98.4	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	99.5	0.3	–1.3
Jun	96.4	1.7	–0.5	99.6	0.7	–0.3	100.2	0.7	–
Jul	99.5	3.2	4.2	103.9	4.3	5.1	104.5	4.3	4.7
Aug	99.8	0.3	7.8	104.1	0.2	6.3	104.5	–	6.2
Sep	100.2	0.4	7.6	103.9	–0.2	5.3	104.2	–0.3	5.3
Oct	104.6	4.4	12.4	107.9	3.8	10.1	107.5	3.2	10.0
Nov	104.0	–0.6	13.5	107.6	–0.3	11.3	106.9	–0.6	11.1
Dec	106.5	2.4	16.6	107.9	0.3	10.3	107.4	0.5	10.4
2017 Jan	108.0	1.4	19.9	109.6	1.6	11.8	108.9	1.4	11.6
Feb	108.0	–	19.3	109.6	–	11.3	109.2	0.3	11.2
Mar	107.5	–0.5	16.8	109.7	0.1	10.8	109.2	–	11.0
Apr	106.9	–0.6	15.3	108.8	–0.8	9.6	109.1	–0.1	10.0
May	106.3	–0.6	12.1	108.7	–0.1	9.9	109.4	0.3	9.9
Jun	105.9	–0.4	9.9	109.4	0.6	9.8	109.9	0.5	9.7
Jul	105.9	–	6.4	109.3	–0.1	5.2	109.9	–	5.2
Aug	108.0	2.0	8.2	111.1	1.6	6.7	111.3	1.3	6.5
Sep	108.5	0.5	8.3	110.7	–0.4	6.5	110.9	–0.4	6.4
Oct	109.8	1.2	5.0	111.6	0.8	3.4	111.1	0.2	3.3
Nov	112.0	2.0	7.7	112.7	1.0	4.7	112.0	0.8	4.8
Dec	112.5	0.4	5.6	112.8	0.1	4.5	112.4	0.4	4.7
2018 Jan	112.7	0.2	4.4	112.7	–0.1	2.8	112.2	–0.2	3.0
Feb	112.2	–0.4	3.9	113.0	0.3	3.1	112.8	0.5	3.3
Mar	112.3	0.1	4.5	113.0	–	3.0	113.0	0.2	3.5
Apr	112.9	0.5	5.6	112.6	–0.4	3.5	113.5r	0.4	4.0
May	116.5	3.2	9.6	114.6	1.8	5.4	115.4	1.7	5.5
Jun	116.8	0.3	10.3	115.4	0.7	5.5	115.9	0.4	5.5
Jul	116.8	–	10.3	115.7	0.3	5.9	116.4	0.4	5.9
Aug	118.7	1.6	9.9	117.3	1.4	5.6	117.1	0.6	5.2
Sep	120.1	1.2	10.7	118.0	0.6	6.6	117.9	0.7	6.3
Oct	121.2	0.9	10.4	118.0	–	5.7	117.3	–0.5	5.6
Nov	118.1	–2.6	5.4	117.4	–0.5	4.2	116.7	–0.5	4.2
Dec	116.0	–1.8	3.1	118.1	0.6	4.7	117.4	0.6	4.4
2019 Jan	115.7r	–0.3	2.7	117.8r	–0.3	4.5	117.2r	–0.2	4.5
Feb	116.8	1.0	4.1	118.0	0.2	4.4	117.6	0.3	4.3
Mar	115.9p	–0.8	3.2	116.4p	–1.4	3.0	116.8p	–0.7	3.4
Apr	117.2p	1.1	3.8	116.7p	0.3	3.6	117.7p	0.8	3.7

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	
				2018 Dec	2019 Jan	2019 Feb	2019 Mar	2019 Apr	2019 Mar	2019 Apr	2019 Mar	2019 Apr
Gross sector												
Other mining & quarrying products ²	MC3K	6107208000		123.7	124.3	124.8	123.7p	124.1p	-0.9	0.3	3.3	3.6
Manufacture of food products, beverages, tobacco	MC35	6107110120		123.2r	122.8r	122.3	121.8p	122.2p	-0.4	0.3	1.8	2.3
Preserved meat & meat products	MC3V	6107310100		124.1r	123.8r	123.2	122.7p	123.3p	-0.4	0.5	1.6	2.0
Fish, crustaceans, molluscs, fruit & vegetables	MB4X	6107310230		128.3	126.0r	125.5	125.9p	127.3p	0.3	1.1	1.8	3.7
Vegetable & animal oils and fats	MC3W	6107310400		130.5r	130.7r	129.1	127.9p	128.1p	-0.9	0.2	1.4	2.9
Dairy products	MC3X	6107310500		129.1r	128.6r	128.0	126.5p	126.9p	-1.2	0.3	1.4	1.7
Grain mill products, starches & starch products	MC3Y	6107310600		124.3r	124.4r	123.8	122.9p	123.2p	-0.7	0.2	2.4	2.7
Bakery & farinaceous products	MC3Z	6107310700		119.4	119.4	119.0	118.7p	118.7p	-0.3	-	2.6	2.6
Other food products	MB4Y	6107310800		118.8r	118.6r	118.2	117.6p	117.7p	-0.5	0.1	1.4	1.4
Animal feeds	MC42	6107310900		121.9r	122.0r	121.3	121.0p	121.3p	-0.2	0.2	2.4	2.9
Alcoholic Beverages	MB55	6107411016		117.1	117.2r	117.4	116.7p	117.0p	-0.6	0.3	2.9	2.9
Soft drinks; mineral waters & other bottled waters	MC4D	6107411070		114.8	114.6	114.6	114.2p	114.4p	-0.3	0.2	1.7	1.4
Tobacco products	MC3M	6107212000		156.6	156.8	156.9	156.6p	156.6p	-0.2	-	2.3	1.6
Manufacture of textiles & textile products; clothing	MC36	6107113140		117.0	116.9	117.0	116.8p	117.2p	-0.2	0.3	1.6	2.2
Textiles	MB4P	6107213000		117.0	116.9	116.9	116.4p	116.7p	-0.4	0.3	1.5	1.8
Wearing apparel	MC3N	6107214000		116.9	116.8	117.1	117.4p	117.8p	0.3	0.3	1.9	2.4
Manufacture of leather & related products	MC3O	6107215000		118.2	118.1	117.8	118.0p	118.4p	0.2	0.3	1.1	1.5
Manufacture of wood & wood products	MC3P	6107216000		129.6	129.6r	129.7	129.2p	129.4p	-0.4	0.2	5.3	4.6
Manufacture of pulp, paper & paper products, recording media & printing services	MC39	6107117180		116.5	116.9	117.0	116.0p	115.9p	-0.9	-0.1	2.7	2.6
Pulp, paper & paper products	MB4Q	6107217000		118.0	118.6r	118.6	117.2p	117.2p	-1.2	-	3.0	2.9
Printing & recording services	MC3Q	6107218000		114.6	114.9	115.0	114.5p	114.4p	-0.4	-0.1	2.4	2.2
Manufacture of coke & refined petroleum products	MC3R	6107219000		95.6	95.5	101.0	102.9p	107.9p	1.9	4.9	6.3	6.6
Manufacture of chemicals, chemical products & man-made fibres	MC3B	6107120000		116.8	116.6	115.8	114.6p	114.7p	-1.0	0.1	1.5	1.2
Paints, varnishes & similar coatings, printing ink & mastics	MC43	6107320300		117.8	117.8	116.8	115.8p	115.7p	-0.9	-0.1	1.2	1.1
Soaps, detergents, cleaning & polishing preparations perfumes & toilet preparations	MC44	6107320400		115.9	115.9	115.0	114.5p	114.6p	-0.4	0.1	3.0	1.8
Other chemical products	MC45	6107320500		117.3r	117.2	117.0	116.2p	116.3p	-0.7	0.1	2.4	2.3
Industrial gases; other basic inorganic chemicals; fertilisers & nitrogen compounds	MC4E	6107420910		119.3r	119.4r	119.1	117.7p	117.8p	-1.2	0.1	2.4	2.3
Petrochemicals & man made fibres	MC4F	6107420920		116.2	115.8	115.0	113.7p	113.7p	-1.1	-	1.2	0.9
Dyes & pigments: pesticides & other agrochemical products	MC4G	6107420930		119.0r	119.4	118.3	116.9p	117.7p	-1.2	0.7	0.8	0.9
Manufacture of basic pharmaceutical products & pharmaceutical preparations	MC3S	6107221000		113.3	113.2	112.9	112.2p	112.2p	-0.6	-	1.4	2.1
Manufacture of rubber & plastic products	MB4R	6107222000		116.7	116.5	116.1	115.0p	115.1p	-0.9	0.1	1.6	1.5
Manufacture of cement, lime & plaster	MC46	6107323560		122.2	122.9	123.3	122.0p	122.3p	-1.1	0.2	2.9	3.3
Manufacture of glass, refractory, clay, other porcelain, ceramic stone products	MB4Z	6107323990		120.1	120.4r	120.5	118.6p	118.8p	-1.6	0.2	2.2	2.7

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

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

continued

2010=100, SIC2007

			2018 Dec	2019 Jan	2019 Feb	2019 Mar	2019 Apr	% change 1 month		% change 12 months	
								2019 Mar	2019 Apr	2019 Mar	2019 Apr
Manufacture of basic metals & fabricated products	MC3F	6107124250	116.2	116.1	116.8	117.0p	117.5p	0.2	0.4	3.2	3.5
Basic iron, steel & alloys: tubes, pipes, hollow profiles	MC47	6107324130	119.2	118.8	119.6	119.1p	120.1p	-0.4	0.8	2.6	3.5
Other basic metals & casting	MB52	6107324450	112.2	112.5r	114.0	115.1p	115.8p	1.0	0.6	4.3	4.2
Weapons & ammunition	MC48	6107325400	113.7	114.0r	114.1	113.5p	113.6p	-0.5	0.1	2.6	2.7
Fabricated metal products, excluding machinery & equipment & weapons & ammunition	MB53	6107325990	117.2	117.0	117.3	117.4p	117.6p	0.1	0.2	2.9	3.2
Manufacture of computer, electronic and optical products, electrical equipment	MC3G	6107126270	114.0	113.9	114.1	113.9p	114.1p	-0.2	0.2	2.4	2.7
Computer, electronic & optical products	MB4S	6107226000	113.5	113.3r	113.7	113.5p	113.7p	-0.2	0.2	2.7	3.0
Electrical equipment	MB4T	6107227000	114.8	114.6	114.7	114.5p	114.7p	-0.2	0.2	2.0	2.2
Manufacture of machinery & equipment n.e.c	MB4U	6107228000	116.2	116.0	116.2	116.1p	116.4p	-0.1	0.3	2.2	2.6
Manufacturing of motor vehicles & other transport equipment	MC3I	6107129300	112.7	112.5	112.6	112.3p	112.7p	-0.3	0.4	1.7	2.2
Motor vehicles, trailers & semi trailers	MB4V	6107229000	111.0	110.8	110.8	110.6p	110.9p	-0.2	0.3	1.6	1.9
Ships & boats	MC49	6107330100	117.4	117.5	117.8	117.1p	117.3p	-0.6	0.2	2.0	2.3
Aircraft & spacecraft & related machinery	MC4A	6107330300	118.8	118.4	118.6	118.5p	119.0p	-0.1	0.4	2.4	2.9
Other transport equipment	MB54	6107330990	114.3	114.2	114.4	114.2p	114.4p	-0.2	0.2	2.3	2.5
Manufacture of other manufactured goods n.e.c	MC3J	6107131330	118.9	118.7	118.9	118.7p	119.0p	-0.2	0.3	2.3	2.6
Furniture	MC3T	6107231000	118.9	118.8r	118.8	118.7p	118.9p	-0.1	0.2	2.6	2.5
Other manufacturing	MB4W	6107232000	115.8	115.7	115.9	115.7p	115.9p	-0.2	0.2	2.7	2.8
Repair of maintenance of ships & boats	MC4H	6107433150	118.0	118.2	118.5	117.7p	117.9p	-0.7	0.2	2.1	2.3
Repair & maintenance services of aircraft & spacecraft	MC4I	6107433160	129.0	128.4	128.7	128.8p	129.3p	0.1	0.4	2.1	2.7
Other repair; installation	MB56	6107433990	113.6	113.4	113.5	113.3p	113.6p	-0.2	0.3	2.0	2.3

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

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

2010=100, SIC2007

								% change 1 month		% change 12 months	
			2018 Dec	2019 Jan	2019 Feb	2019 Mar	2019 Apr	2019 Mar	2019 Apr	2019 Mar	2019 Apr
Fuel incl. CCL¹	K647	6207000060	135.3	138.8	141.0	132.0p	132.0p	-6.4	-	6.8	8.1
Domestic coal & lignite incl. CCL	MC78	7167205005	120.4	129.4	129.4	129.4p	129.4p	-	-	2.4	3.9
Imported coal & lignite incl. CCL	MC8U	7169205005	140.4	154.8	118.5	118.5p	118.5p	-	-	-9.7	-2.3
Electricity incl. CCL	MC8F	7167335105	136.1	140.7	145.0	137.1p	137.1p	-5.4	-	12.7	11.6
Gas incl. CCL	MC8H	7167335235	134.4	135.7	134.9	123.8p	124.0p	-8.2	0.2	-2.4	2.7
Fuel excl. CCL	K645	6207000020	134.7	138.0	140.1	130.9p	130.8p	-6.6	-0.1	6.7	8.3
Domestic coal & lignite excl. CCL	MC77	7167205000	120.9	130.8	130.8	130.8p	130.8p	-	-	2.6	4.2
Imported coal & lignite excl. CCL	MC8T	7169205000	141.3	155.7	119.0	118.9p	119.0p	-0.1	0.1	-9.8	-2.2
Electricity excl. CCL	MC8E	7167335100	135.9	140.4	144.9	136.9p	136.8p	-5.5	-0.1	12.6	11.8
Gas excl. CCL	MC8G	7167335230	133.7	134.7	133.6	121.8p	121.5p	-8.8	-0.2	-2.6	2.4
Crude petroleum oils & metal ores	MC4P	6207008700	90.6	90.9	97.3	99.7p	105.4p	2.5	5.7	6.2	6.9
Domestic crude oil & metal ores	MC79	7167206070	86.6	88.7	97.1	99.8p	104.6p	2.8	4.8	8.7	9.3
Imported crude oil & metal ores	MC8V	7169206070	92.5	92.0	97.4	99.6p	105.8p	2.3	6.2	5.0	5.8
Food manufacturing:											
Home produced food materials	MB57	6207008100	131.8r	130.8r	130.0	128.5p	129.7p	-1.2	0.9	0.5	1.1
Agricultural crop products	MC74	7167201000	131.3r	131.1r	130.3	128.2p	129.1p	-1.6	0.7	0.5	0.5
Fish & other fish products	MC76	7167203000	139.7r	126.7r	125.4	132.7p	138.9p	5.8	4.7	1.0	10.0
Imported food materials	MC4O	6207008600	128.4	127.2r	125.9	125.1p	125.1p	-0.6	-	2.6	3.0
Agricultural crop products	MC8Q	7169201000	138.1	137.2r	135.7	135.1p	135.0p	-0.4	-0.1	3.4	5.6
Fish & fish products	MC8S	7169203000	165.0	164.1	162.9	161.5p	161.8p	-0.9	0.2	1.8	1.6
Meat & meat products	MC9F	7169310100	111.3	110.3	109.4	109.7p	111.5p	0.3	1.6	2.2	3.0
Processed fish & fish products; fruit & vegetables	MC9G	7169310230	138.6	137.3	137.6	136.6p	135.8p	-0.7	-0.6	7.6	7.7
Vegetable, animal oils & fats	MC9H	7169310400	113.9	113.0	110.1	106.8p	106.8p	-3.0	-	-6.2	-8.3
Dairy products	MC9I	7169310500	132.4	126.8	126.1	128.8p	124.7p	2.1	-3.2	28.0	17.1
Grain mill products & starches	MC9J	7169310600	116.8	115.8	114.8	113.1p	112.7p	-1.5	-0.4	-3.5	-2.7
Bakery & farinaceous products	MC9K	7169310700	115.5	112.5r	111.5	110.7p	110.9p	-0.7	0.2	0.5	-0.6
Other food products	MC9L	7169310800	122.4	120.3	119.7	119.7p	119.1p	-	-0.5	4.7	2.1
Prepared animal feeds	MC9M	7169310900	115.7	114.6	114.2	113.2p	113.2p	-0.9	-	1.6	4.6
Other home produced materials	MC4J	6207008200	129.2	130.6	130.9	130.5p	130.4p	-0.3	-0.1	4.2	3.4
Forestry products	MC75	7167202000	254.2	254.2	254.2	254.2p	254.2p	-	-	22.8	22.8
Other mining & quarrying products	MC7A	7167208000	121.7	123.7	124.2	123.5p	123.5p	-0.6	-	1.7	1.7
Water collection, treatment & supply	MC7R	7167236000	118.7	118.7	118.7	118.7p	118.7p	-	-	2.6	-
Imported metals	MC4K	6207008300	120.5	119.3r	121.6	123.2p	121.8p	1.3	-1.1	7.7	6.3
Basic iron, steel & ferro alloys, tubes & pipes	MC9S	7169324130	121.1	119.2	123.4	124.0p	123.3p	0.5	-0.6	0.1	-0.3
Other basic metals & casting	MC9T	7169324450	120.2	119.4r	120.7	122.8p	121.1p	1.7	-1.4	12.0	10.0
Imported chemicals	MC4L	6207008400	116.7	115.6r	114.1	113.0p	112.8p	-1.0	-0.2	-0.8	-
Paints, varnishes & coatings, printing inks & other mastics	MC9N	7169320300	116.5	116.0	115.2	113.7p	111.1p	-1.3	-2.3	2.0	0.8
Soap, detergents, cleaning & polishing preparations, perfumes & toilet preparations	MC9O	7169320400	111.1	109.9	108.9	107.7p	107.9p	-1.1	0.2	-1.6	0.2

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	
			2018 Dec	2019 Jan	2019 Feb	2019 Mar	2019 Apr	2019 Mar	2019 Apr	2019 Mar	2019 Apr
Other chemical products	MC9P	7169320500	119.8	118.6r	117.4	116.0p	116.0p	-1.2	-	0.5	1.1
Industrial gases, inorganic chemicals, fertilisers & nitrogen compounds	MCA3	7169420910	132.0	128.6r	127.2	124.7p	123.8p	-2.0	-0.7	-1.7	-1.7
Petrochemicals & man made fibres	MCA4	7169420920	114.0	113.2r	111.4	110.6p	110.3p	-0.7	-0.3	-2.5	-1.7
Dyes & pigments; pesticides & other agro-chemical products	MCA5	7169420930	107.7	107.1r	106.0	105.1p	105.3p	-0.8	0.2	2.0	2.5
Basic pharmaceutical products & pharmaceutical preparations	MC97	7169221000	99.5	97.9	96.6	95.5p	95.7p	-1.1	0.2	-2.1	-0.5
Rubber & plastic products	MC98	7169222000	122.9	121.9	120.9	120.0p	120.2p	-0.7	0.2	3.9	5.0
Other imported parts & equipment	MC4N	6207008520	109.3	108.3r	107.8	106.9p	107.9p	-0.8	0.9	1.6	3.1
Computer, electronic & optical products	MC99	7169226000	128.8	127.6r	126.9	126.1p	126.7p	-0.6	0.5	3.0	3.9
Electrical equipment	MC9A	7169227000	116.9	115.9	115.1	114.3p	114.7p	-0.7	0.3	1.9	2.8
Machinery & equipment n.e.c	MC9B	7169228000	117.3	117.2r	115.9	114.8p	115.4p	-0.9	0.5	1.5	2.5
Motor vehicles, trailers & semi-trailers	MC9C	7169229000	97.7	95.3	96.3	94.9p	97.2p	-1.5	2.4	0.3	3.7
Weapons & ammunition	MC9U	7169325400	90.5	90.0	89.4	88.6p	89.2p	-0.9	0.7	1.3	2.4
Fabricated metal products	MC9V	7169325990	88.8	88.3	87.6	86.9p	87.5p	-0.8	0.7	1.4	2.6
Ships & boats	MC9W	7169330100	118.0r	116.7r	116.2	115.4p	116.1p	-0.7	0.6	0.3	1.0
Aircraft, spacecraft & related machinery	MC9X	7169330300	107.5	106.9	106.8	106.4p	107.5p	-0.4	1.0	1.1	2.4
Other transport equipment	MC9Y	7169330990	112.7r	111.8r	111.1	111.1p	111.7p	-	0.5	1.9	2.6
Other imports	MC4M	6207008510	124.7	123.5	122.4	121.4p	121.5p	-0.8	0.1	2.4	2.6
Forestry products	MC8R	7169202000	141.2	140.1	139.6	139.1p	139.3p	-0.4	0.1	8.3	8.2
Other mining & quarrying products	MC8W	7169208000	145.2	142.8	141.2	139.8p	141.1p	-1.0	0.9	5.8	7.4
Tobacco products	MC8X	7169212000	104.5	102.9	101.4	99.8p	100.2p	-1.6	0.4	-2.0	-0.2
Textiles	MC8Y	7169213000	125.3	123.7	122.8	121.8p	122.4p	-0.8	0.5	1.7	2.9
Wearing apparel	MC8Z	7169214000	123.0	122.7	122.8	122.2p	123.0p	-0.5	0.7	1.4	3.3
Leather & related leather products	MC92	7169215000	126.9r	125.4	124.1	123.4p	124.1p	-0.6	0.6	2.6	3.4
Wood & wooden products	MC93	7169216000	124.6	122.9r	121.9	121.2p	120.3p	-0.6	-0.7	5.1	3.1
Paper & paper products	MC94	7169217000	115.3r	115.6r	113.8	112.7p	113.3p	-1.0	0.5	1.3	1.4
Printing & recording services	MC95	7169218000	108.2	108.0	108.0	108.0p	108.3p	-	0.3	1.2	1.4
Coke & refined petroleum products	MC96	7169219000	160.4	156.5	156.6	155.6p	153.5p	-0.6	-1.3	3.7	3.2
Furniture	MC9D	7169231000	64.8	64.1	63.5	62.9p	63.2p	-0.9	0.5	-2.9	-2.2
Glass, refractory, clay other porcelain, ceramic stone & abrasive products	MC9R	7169323990	116.2	115.5r	115.4	114.6p	114.8p	-0.7	0.2	0.7	1.8
Cement, lime, plaster & articles of concrete, cement & plaster	MC9Q	7169323560	116.2	115.5	115.3	114.5p	114.8p	-0.7	0.3	0.7	1.9
Alcoholic beverages	MC9Z	7169411016	111.4	110.1	108.8	107.5p	107.9p	-1.2	0.4	1.5	2.0
Soft drinks, mineral water & other bottled waters	MCA2	7169411070	116.7	115.1	113.5	111.9p	112.4p	-1.4	0.4	-1.7	-0.3
Other manufactured goods n.e.c	MC9E	7169232000	100.2	98.9	98.1	97.2p	97.8p	-0.9	0.6	-1.3	-0.4
Imported materials											
All imported materials - total (incl Crude Oil)	K64F	6207008500	112.4	111.4	112.1	112.1p	113.4p	-	1.2	2.7	3.3

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		
2015 Oct	-	-	-	-	-	-
Nov	-	-	-	-	-	-
Dec	-	-	-	-	-	-
2016 Jan	-	-	-	-	-	-
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-
Oct	-	-	-	-	-	-
Nov	-	-	-	-	-	-
Dec	-	-	-	-	-	-
2017 Jan	-	-	-	-	-	-
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-
Oct	-	-	-	-	-	-
Nov	-	-	-	-	-	-
Dec	-	-	-	-	-	-
2018 Jan	-	-	-	-	-	-
Feb	-	-	-	-	-	-
Mar	-	-	-	-	-	-
Apr	-	-	-	-	-	-
May	-	-	-	-	-	-
Jun	-	-	-	-	-	-
Jul	-	-	-	-	-	-
Aug	-	-	-	-	-	-
Sep	-	-	-	-	-	-
Oct	-	-	-	-	-	-
Nov	-	-	-	-	-	-
Dec	-	-	-	-	-	-
2019 Jan	-	-	-	-	-	-
Feb	-	-	-	-	-	-
Mar	-0.2	-0.2	-0.2	-0.1	-0.1	-
Apr	..	..	..	..	..	..

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		
2015 Oct	-	-	-	-	-	-	-	-	-
Nov	-	-	-	-	-	-	-	-	-
Dec	-	-	-	-	-	-	-	-	-
2016 Jan	-	-	-	-	-	-	-	-	-
Feb	-	-	-	-	-	-	-	-	-
Mar	-	-	-	-	-	-	-	-	-
Apr	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-
Jun	-	-	-	-	-	-	-	-	-
Jul	-	-	-	-	-	-	-	-	-
Aug	-	-	-	-	-	-	-	-	-
Sep	-	-	-	-	-	-	-	-	-
Oct	-	-	-	-	-	-	-	-	-
Nov	-	-	-	-	-	-	-	-	-
Dec	-	-	-	-	-	-	-	-	-
2017 Jan	-	-	-	-	-	-	-	-	-
Feb	-	-	-	-	-	-	-	-	-
Mar	-	-	-	-	-	-	-	-	-
Apr	-	-	-	-	-	-	-	-	-
May	-	-	-	-	-	-	-	-	-
Jun	-	-	-	-	-	-	-	-	-
Jul	-	-	-	-	-	-	-	-	-
Aug	-	-	-	-	-	-	-	-	-
Sep	-	-	-	-	-	-	-	-	-
Oct	-	-	-	-	-	-	-	-	-
Nov	-	-	-	-	-	-	-	-	-
Dec	-	-	-	-	-	-	-	-	-
2018 Jan	-	-	-	-	-	-	-	-	-
Feb	-	-	-	-	-	-	-	-	-
Mar	-	-	-	-	-	-	-	-	-
Apr	-	-	-	-	-	-	0.4	0.3	0.3
May	-	-	-	-	-	-	-	-0.3	-
Jun	-	-	-	-	-	-	-	-	-
Jul	-	-	-	-	-	-	-	-	-
Aug	-	-	-	-	-	-	-	-	-
Sep	-	-	-	-	-	-	-	-	-
Oct	-	-	-	-	-	-	-	-	-
Nov	-	-	-	-	-	-	-	-	-
Dec	-	-	-	-	-	-	-	-	-
2019 Jan	0.1	-	0.1	0.1	-	0.1	0.1	0.1	0.1
Feb	0.1	-	0.1	0.2	0.1	0.2	0.2	-	0.2
Mar	-0.6	-0.6	-0.5	-0.6	-0.7	-0.5	-0.2	-0.4	-0.1
Apr	..	..	..	..	..	..	..	..	..

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