

# Consumer Price Inflation

## November 2018

Coverage: **UK**  
Date: **19 December 2018**  
Geographical Area: **UK**  
Theme: **Economy**

## CONTENTS

<b>SUMMARY</b>	<b>2</b>
<b>CPIH SUMMARY</b>	<b>4</b>
<b>CPIH NOTABLE MOVEMENTS</b>	<b>6</b>
<b>CPIH DETAILED BRIEFING</b>	<b>7</b>
<b>RPI SUMMARY</b>	<b>24</b>
<b>RPI NOTABLE MOVEMENTS</b>	<b>25</b>
<b>RPI DETAILED BRIEFING</b>	<b>26</b>
<b>RECONCILIATION OF CPIH AND RPI</b>	<b>34</b>
<b>RPI MISCELLANEOUS DATA</b>	<b>35</b>
<b>OUTLOOK</b>	<b>36</b>

*This note is produced as background briefing for the Consumer Price Inflation Statistical Bulletin. Users who require authoritative figures should use the Consumer Price Inflation Statistical Bulletin or Consumer Price Inflation Dataset.*

## SUMMARY

### CPIH

The Consumer Prices Index including owner occupiers' housing costs (CPIH) is the most comprehensive measure of inflation. It extends the Consumer Prices Index (CPI) to include a measure of the costs associated with owning, maintaining and living in one's own home, known as owner occupiers' housing costs (OOH), along with Council Tax. Both of these are significant expenses for many households and are not included in the CPI.

Aside from including owner occupiers' housing costs (OOH) and Council Tax, CPIH is otherwise identical to CPI. This means that, aside from these two components, the factors contributing to the CPI rate are the same as those contributing to the CPIH. For example, if food is reported as increasing the CPIH rate, it is also acting to increase the CPI rate. The size of the contributions for components other than OOH and Council Tax are exaggerated in the CPI compared with the CPIH because they account for a larger proportion of the overall index.

The [National Statistics](#) status of the Consumer Prices Index including owner occupiers' housing costs (CPIH) was reinstated on 31 July 2017. [A letter](#) from the Director General for Regulation to the National Statistician detailed the actions that were taken to meet the requirements as set out in the [CPIH assessment report](#).

The main movements for CPIH in November 2018 are:

- The all items CPIH is 106.9, up from 106.7 in October.
- The all items CPIH annual rate is 2.2%, unchanged from last month.
- The annual rate for CPIH excluding indirect taxes, CPIHY, is 2.0%, down from 2.1% last month.
- The OOH component of CPIH is 106.1, up from 106.0 in October.
- The OOH component annual rate is 1.1%, unchanged from last month.
- The CPIH all goods index is 105.6, up from 105.1 in October.
- The CPIH all goods index annual rate is 2.1%, down from 2.3% last month.
- The CPIH all services index is 107.9, up from 107.8 in October.
- The CPIH all services index annual rate is 2.2%, up from 2.1% last month.

### Consumer Prices Index (CPI)

The CPI continues to be a National Statistic and is a measure of consumer price inflation produced to international standards and in line with European regulations. First published in 1997 as the

Harmonised Index of Consumer Prices (HICP), the CPI is the inflation measure used in the Government's target for inflation.

The CPI is also used for purposes such as uprating pensions, wages and benefits and can aid in the understanding of inflation on family budgets. For more information see [Users and uses of consumer price inflation statistics](#).

The main movements for CPI in November 2018 are:

- The all items CPI is 107.0, up from 106.7 in October.
- The all items CPI annual rate is 2.3%, down from 2.4% in October.
- The annual rate for CPI excluding indirect taxes, CPIY, is 2.2%, down from 2.4% last month.
- The annual rate for CPI at constant tax rates, CPI-CT, is 2.1%, down from 2.3% last month.
- The CPI all goods index is 105.6, up from 105.1 in October.
- The CPI all goods index annual rate is 2.1%, down from 2.3% last month.
- The CPI all services index is 108.5, unchanged from last month.
- The CPI all services index annual rate is 2.5%, unchanged from last month.

### **Retail Prices Index (RPI)**

**In accordance with the Statistics and Registration Service Act 2007, the Retail Prices Index and its derivatives have been assessed against the Code of Practice for Official Statistics and found not to meet the required standard for designation as National Statistics. The [full assessment report](#) can be found on the UK Statistics Authority website.**

The RPI is a legacy measure of UK inflation that continues to be published because of its use in long-term contracts and index-linked gilts. For further information see [Users and uses of consumer price inflation statistics](#).

The main movements for RPI in November 2018 are:

- The all items RPI is 284.6, up from 284.5 in October.
- The all items RPI annual rate is 3.2%, down from 3.3% last month.
- The annual rate for RPIX, the all items RPI excluding mortgage interest payments (MIPs), is 3.1%, down from 3.2% last month.
- The all goods RPI is 216.1, up from 215.1 in October.
- The all goods RPI annual rate is 3.1%, unchanged from last month.
- The all services RPI is 387.5, down from 388.9 in October.
- The all services RPI annual rate is 3.1%, down from 3.4% last month.

## CPIH SUMMARY

### CONTRIBUTIONS TO CHANGE IN THE CPIH ANNUAL RATE

CPIH COICOP DIVISIONS	Weight	Weight	1 month	1 month	Contribution to CPIH annual rate change
	2017 Feb-Dec	2018 Feb-Dec	% change Nov 2017	% change Nov 2018	
01: Food and non-alcoholic beverages	81	83	0.5	0.1	-0.03
02: Alcoholic beverages and tobacco	34	34	-0.4	1.3	0.06
03: Clothing and footwear	58	57	1.2	1.5	0.02
04: Housing, water, electricity, gas and other fuels	294	301	0.1	-	-
05: Furniture, household equipment and maintenance	49	48	0.3	0.2	-
06: Health	21	21	-	-	-
07: Transport	126	124	0.1	-0.4	-0.06
08: Communication	21	20	0.3	-	-0.01
09: Recreation and culture	121	120	0.7	0.1	-0.08
10: Education	17	18	-	-	-
11: Restaurants and hotels	101	97	0.3	0.5	0.02
12: Miscellaneous goods and services	77	77	-0.1	0.2	0.03

#### Large downward effects came from:

- Recreation and culture**, where prices rose by 0.1% between October and November 2018, compared with a 0.7% rise between the same two months a year earlier. The main downward effects came from games, toys and hobbies (particularly computer games including downloads), and cultural services (principally admission fees to live music events). Price movements for both computer games and live music events can often be relatively large depending on the composition of bestseller charts and the bands that are touring at the time of price collection. Within recreation and culture, these downward effects were partially offset by a small upward contribution from data processing equipment, with the price of computer peripherals rising this year but falling a year ago; and

- **Transport**, principally due to price movements of motor fuels. Petrol prices fell by 2.6 pence per litre between October and November 2018, compared with a rise of 1.8 pence per litre between October and November 2017. This was partially offset by an upward contribution from sea fares, which rose this year but fell a year ago.

#### A small downward effect came from:

- **Food and non-alcoholic beverages**, where prices overall rose by 0.1% between October and November 2018, compared with a rise of 0.5% between the same two months a year ago. The main effect came from fruit, where prices rose between October and November this year but by less than a year ago.

#### A large upward effect came from:

- **Alcoholic beverages and tobacco**, with prices rising between October and November this year compared with a fall between the same two months a year ago. The effect came almost entirely from tobacco, where prices rose this year reflecting the increase in duty announced in the October Budget. Last year, a similar increase in duty entered the index one month later, in December 2017.

#### Small upward effects came from:

- **Miscellaneous goods and services**, with prices rising by 0.2% between October and November this year compared with a fall of 0.1% a year ago. The effect came principally from appliances and products for personal care, for example, moisturising cream and liquid soap; and
- **Restaurants and hotels**, where prices overall rose by 0.5% between October and November 2018 compared with a smaller rise of 0.3% in 2017.

## CPIH NOTABLE MOVEMENTS

All items CPIH	<p>Annual rate +2.2%, unchanged from last month  Also +2.2% in September 2018 and April 2018  Last higher in August 2018 (+2.4%)  Last lower in January 2017 (+1.9%)</p>
All items CPIH exc energy, food, alcohol and tobacco	<p>Annual rate +1.8%, unchanged from last month  Also +1.8% in September 2018, July 2018, June 2018, January 2017 and December 2016  Last higher in August 2018 (+1.9%)  Last lower in November 2016 (+1.7%)</p>
Food and non-alcoholic beverages	<p>Annual rate +0.5%, down from +0.9% last month  Lowest since February 2017 (+0.2%)</p>
Alcoholic beverages and tobacco	<p>Annual rate +5.7%, up from +3.9% last month  Also +5.7% in February 2018  Last higher in December 2013 (+5.8%)</p>
Health	<p>Annual rate +2.2%, down from +2.3% last month  Also +2.2% in July 2018, September 2017 and April 2017  Last lower in March 2017 (+2.1%)</p>
All goods	<p>Annual rate +2.1%, down from +2.3% last month  Lowest since February 2017 (+1.9%)</p>
All services	<p>Annual rate +2.2%, up from +2.1% last month  Also +2.2% in August 2018  Last higher in January 2018 (+2.3%)</p>

## CPIH DETAILED BRIEFING

The [National Statistics](#) status of the Consumer Prices Index including owner occupiers' housing costs (CPIH) was reinstated on 31 July 2017. [A letter](#) from the Director General for Regulation to the National Statistician detailed the actions that were taken to meet the requirements as set out in the [CPIH assessment report](#).

- Weights are specified as parts per 1000 in the CPIH.

<b>01 FOOD AND NON-ALCOHOLIC BEVERAGES</b>	Weight 2017 Feb-Dec	Weight 2018 Feb-Dec	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to CPIH annual rate change
01 Food & non-alcoholic beverages	81	83	0.5	0.1	-0.03

- Small downward effect on the all items 12-month rate change.
- Due to **food**.

<b>01.1 Food</b>	Weight 2017 Feb-Dec	Weight 2018 Feb-Dec	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to CPIH annual rate change
01.1 Food	71	73	0.6	0.3	-0.03
01.1.1 Bread and cereals	12	12	0.5	-0.6	-0.01
01.1.2 Meat	16	16	0.1	-	-
01.1.3 Fish	3	3	0.4	-0.5	-
01.1.4 Milk, cheese and eggs	9	9	0.5	0.3	-
01.1.5 Oils and fats	2	2	0.2	1.7	-
01.1.6 Fruit	7	8	2.9	0.7	-0.02
01.1.7 Vegetables including potatoes	10	10	-0.2	0.9	0.01
01.1.8 Sugar, jam, syrups, chocolate and confectionery	10	11	1.5	0.1	-0.01
01.1.9 Food products not elsewhere covered	2	2	-0.9	3.3	0.01

- Small downward effect on the all items 12-month rate change.
- Due to **fruit; bread and cereals; and sugar, jam, syrups, chocolate and confectionery**.
- Partially offset by **vegetables including potatoes and food products not elsewhere covered**.

### Bread and cereals

- Small downward effect.
- Prices overall fell this year but rose a year ago, with the main downward contributions

coming from breakfast cereals and packs of individual cakes.

- Partially offset by a small upward contribution coming from chilled pizzas, where prices overall rose this year but fell a year ago.

#### Fruit

- Small downward effect.
- Prices overall rose this year by less than a year ago, particularly for fresh and chilled fruit.

#### Vegetables including potatoes

- Small upward effect.
- Prices overall rose this year but fell a year ago, particularly for fresh vegetables and potatoes.

#### Sugar, jam, syrups, chocolate and confectionery

- Small downward effect.
- Prices overall rose this year by less than a year ago, with the main downward contribution coming from cartons/boxes of chocolates.

#### Food products not elsewhere covered

- Small upward effect.
- Prices overall rose this year but fell a year ago, particularly for sauces and condiments.

01.2 Non-alcoholic beverages	Weight	Weight	1 month	1 month	Contribution to CPIH annual rate change
	2017 Feb-Dec	2018 Feb-Dec	% change Nov 2017	% change Nov 2018	
01.2 Non-alcoholic beverages	10	10	-0.4	-0.7	-
01.2.1 Coffee, tea and cocoa	3	3	-1.0	-1.4	-
01.2.2 Mineral waters, soft drinks and juices	7	7	-0.1	-0.5	-

- Negligible overall effect on the all items 12-month rate change.

02 ALCOHOLIC BEVERAGES AND TOBACCO	Weight	Weight	1 month	1 month	Contribution to CPIH annual rate change
	2017 Feb-Dec	2018 Feb-Dec	% change Nov 2017	% change Nov 2018	
02 Alcoholic beverages and tobacco	34	34	-0.4	1.3	0.06

- Largest upward effect on the all items 12-month rate change.
- Due to **tobacco**.



02.1 Alcoholic Beverages	Weight	Weight	1 month	1 month	Contribution to CPIH annual rate change
	2017	2018	% change	% change	
	Feb-Dec	Feb-Dec	Nov 2017	Nov 2018	
02.1 Alcoholic beverages	16	16	-1.0	-1.1	-
02.1.1 Spirits	5	5	-0.7	-1.7	-0.01
02.1.2 Wine	7	7	-0.9	-1.5	-
02.1.3 Beer	4	4	-1.7	0.4	0.01

- Negligible overall effect on the all items 12-month rate change.
- There is a small downward contribution coming from **spirits**, where prices overall fell this year by more than a year ago.
- Offset by a small upward contribution coming from **beer**, where average prices for packs of four bottles of lager rose this year but fell a year ago.

02.2 Tobacco	Weight	Weight	1 month	1 month	Contribution to CPIH annual rate change
	2017	2018	% change	% change	
	Feb-Dec	Feb-Dec	Nov 2017	Nov 2018	
02.2 Tobacco	18	18	0.1	3.4	0.06

- Large upward effect on the all items 12-month rate change.
- Prices overall rose this year by more than a year ago, mainly due to price increases for cigarettes and hand rolling tobacco, reflecting duty increases announced in the Autumn Budget.

03 CLOTHING AND FOOTWEAR	Weight	Weight	1 month	1 month	Contribution to CPIH annual rate change
	2017	2018	% change	% change	
	Feb-Dec	Feb-Dec	Nov 2017	Nov 2018	
03 Clothing and footwear	58	57	1.2	1.5	0.02

- Small upward effect on the all items 12-month rate change.
- Due to **clothing**.

<b>03.1 Clothing</b>	Weight 2017 Feb-Dec	Weight 2018 Feb-Dec	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to CPIH annual rate change
03.1 Clothing	49	47	1.3	1.7	0.01
03.1.2 Garments	44	42	1.4	1.7	0.01
03.1.3 Other clothing and clothing accessories	4	4	0.9	1.9	-
03.1.4 Cleaning, repair and hire of clothing	1	1	-	0.3	-

- Small upward effect on the all items 12-month rate change.
- Due to **garments**, where prices overall rose this year by more than a year ago, with the main upward contributions coming from women's jackets and plain T-shirts, and girls' fashion tops. Partially offset by a small downward contribution coming from men's jeans, where prices overall fell this year but rose a year ago.

<b>03.2 Footwear including repairs</b>	Weight 2017 Feb-Dec	Weight 2018 Feb-Dec	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to CPIH annual rate change
03.2 Footwear including repairs	9	10	0.6	0.7	-

- Negligible overall effect on the all items 12-month rate change.

<b>04 HOUSING, WATER, ELECTRICITY, GAS AND OTHER FUELS</b>	Weight 2017 Feb-Dec	Weight 2018 Feb-Dec	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to CPIH annual rate change
04 Housing, water, electricity, gas and other fuels	294	301	0.1	-	-

- Negligible overall effect on the all items 12-month rate change.
- There is a small downward contribution coming from **electricity, gas and other fuels**.
- Offset by a small upward contribution coming from **owner occupiers' housing costs**.

<b>04.1 Actual rentals for housing</b>	Weight 2017 Feb-Dec	Weight 2018 Feb-Dec	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to CPIH annual rate change
04.1 Actual rentals for housing	56	69	-	0.1	-

- Negligible overall effect on the all items 12-month rate change.

<b>4.2 Owner occupiers' housing costs</b>	Weight 2017 Feb-Dec	Weight 2018 Feb-Dec	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to CPIH annual rate change
4.2 Owner occupiers' housing costs	174	169	-	0.1	0.01

- Small upward effect on the all items 12-month rate change.
- Prices overall rose this year but were little changed a year ago, with the main upward contribution coming from costs in England.

<b>04.3 Regular maintenance and repair of the dwelling</b>	Weight 2017 Feb-Dec	Weight 2018 Feb-Dec	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to CPIH annual rate change
04.3 Regular maintenance and repair of the dwelling	2	2	-0.7	0.3	-
04.3.1 Materials for maintenance and repair	1	1	-1.4	0.6	-
04.3.2 Services for maintenance and repair	1	1	-	-	-

- Negligible overall effect on the all items 12-month rate change.

<b>04.4 Other services related to the dwelling</b>	Weight 2017 Feb-Dec	Weight 2018 Feb-Dec	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to CPIH annual rate change
04.4 Other services related to the dwelling	9	9	-	-	-
04.4.1 Water supply	4	4	-	-	-
04.4.3 Sewerage collection	5	5	-	-	-

- Negligible overall effect on the all items 12-month rate change.

<b>04.5 Electricity, gas and other fuels</b>	Weight 2017 Feb-Dec	Weight 2018 Feb-Dec	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to CPIH annual rate change
04.5 Electricity, gas and other fuels	27	27	0.3	-0.3	-0.02
04.5.1 Electricity	13	13	-	-	-
04.5.2 Gas	12	12	-	-	-
04.5.3 Liquid fuels	1	1	9.2	-5.6	-0.02
04.5.4 Solid fuels	1	1	1.0	-0.8	-

- Small downward effect on the all items 12-month rate change.
- Due to **liquid fuels**, where average kerosene prices fell this year but rose a year ago.

<b>4.9 Council Tax and rates</b>	Weight 2017 Feb-Dec	Weight 2018 Feb-Dec	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to CPIH annual rate change
4.9 Council Tax and rates	26	25	-	-	-

- Negligible overall effect on the all items 12-month rate change.

<b>05 FURNITURE, HOUSEHOLD EQUIPMENT AND MAINTENANCE</b>	Weight 2017 Feb-Dec	Weight 2018 Feb-Dec	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to CPIH annual rate change
05 Furniture, household equipment and maintenance	49	48	0.3	0.2	-

- Negligible overall effect on the all items 12-month rate change.
- There are small downward contributions coming from **household appliances, fitting and repairs**; and **glassware, tableware and household utensils**.
- Offset by small upward contributions coming from **furniture, furnishings and carpets**; and **goods and services for routine maintenance**.

<b>05.1 Furniture, furnishings and carpets</b>	Weight 2017 Feb-Dec	Weight 2018 Feb-Dec	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to CPIH annual rate change
05.1 Furniture, furnishings and carpets	18	18	0.3	0.8	0.01
05.1.1 Furniture and furnishings	15	14	0.5	0.8	-
05.1.2 Carpets and other floor coverings	3	4	-0.8	0.8	0.01

- Small upward effect on the all items 12-month rate change.
- Due to **carpets and other floor coverings**, where prices overall rose this year but fell a year ago.

<b>05.2 Household textiles</b>	Weight 2017 Feb-Dec	Weight 2018 Feb-Dec	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to CPIH annual rate change
05.2 Household textiles	6	5	1.1	1.8	-

- Negligible overall effect on the all items 12-month rate change.

<b>05.3 Household appliances, fitting and repairs</b>	Weight 2017 Feb-Dec	Weight 2018 Feb-Dec	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to CPIH annual rate change
05.3 Household appliances, fitting and repairs	7	7	-0.2	-1.7	-0.01
05.3.1/2 Major appliances and small electric goods	6	6	-0.2	-2.0	-0.01
05.3.3 Repair of household appliances	1	1	0.1	0.1	-

- Small downward effect on the all items 12-month rate change.
- Due to **major appliances and small electric goods**, where prices overall fell this year by more than a year ago, with the main downward contributions coming from washing machines and vacuum cleaners.

<b>05.4 Glassware, tableware and household utensils</b>	Weight 2017 Feb-Dec	Weight 2018 Feb-Dec	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to CPIH annual rate change
05.4 Glassware, tableware and household utensils	4	4	1.4	-0.8	-0.01

- Small downward effect on the all items 12-month rate change.
- Prices overall fell this year but rose a year ago.

<b>05.5 Tools and equipment for house and garden</b>	Weight 2017 Feb-Dec	Weight 2018 Feb-Dec	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to CPIH annual rate change
05.5 Tools and equipment for house and garden	4	4	0.4	-	-

- Negligible overall effect on the all items 12-month rate change.

<b>05.6 Goods and services for routine maintenance</b>	Weight 2017 Feb-Dec	Weight 2018 Feb-Dec	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to CPIH annual rate change
05.6 Goods and services for routine maintenance	10	10	-0.5	0.1	0.01
05.6.1 Non-durable household goods	4	4	-1.6	0.1	0.01
05.6.2 Domestic services and household services	6	6	0.2	-	-

- Small upward effect on the all items 12-month rate change.
- Due to **non-durable household goods**, where prices overall rose this year but fell a year ago, particularly for cleaning and maintenance products.

<b>06 HEALTH</b>	Weight 2017 Feb-Dec	Weight 2018 Feb-Dec	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to CPIH annual rate change
06 Health	21	21	-	-	-

- Negligible overall effect on the all items 12-month rate change.

<b>06.1 Medical products, appliances and equipment</b>	Weight 2017 Feb-Dec	Weight 2018 Feb-Dec	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to CPIH annual rate change
06.1 Medical products, appliances and equipment	10	9	-	-0.1	-
06.1.1 Pharmaceutical products	6	5	-0.2	-0.2	-
06.1.2/3 Other medical and therapeutic equipment	4	4	0.3	-	-

- Negligible overall effect on the all items 12-month rate change.

<b>06.2 Out-patient services</b>	Weight 2017 Feb-Dec	Weight 2018 Feb-Dec	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to CPIH annual rate change
06.2 Out-patient services	5	7	0.1	0.1	-
06.2.1/3 Medical and paramedical services	3	4	0.1	0.1	-
06.2.2 Dental services	2	3	0.2	-	-

- Negligible overall effect on the all items 12-month rate change.

<b>06.3 Hospital services</b>	Weight 2017 Feb-Dec	Weight 2018 Feb-Dec	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to CPIH annual rate change
06.3 Hospital Services	6	5	-	-	-

- Negligible overall effect on the all items 12-month rate change.

<b>07 TRANSPORT</b>	Weight 2017 Feb-Dec	Weight 2018 Feb-Dec	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to CPIH annual rate change
07 Transport	126	124	0.1	-0.4	-0.06

- Large downward effect on the all items 12-month rate change.
- Due to **operation of personal transport equipment** and, to a lesser extent, **purchase of vehicles**.
- Partially offset by **transport services**.

<b>07.1 Purchase of vehicles</b>	Weight 2017 Feb-Dec	Weight 2018 Feb-Dec	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to CPIH annual rate change
07.1 Purchase of vehicles	37	38	0.7	0.4	-0.01
07.1.1A New cars	21	22	0.6	0.8	0.01
07.1.1B Second-hand cars	14	14	1.3	-0.1	-0.02
07.1.2/3 Motorcycles and bicycles	2	2	-1.7	-0.7	-

- Small downward effect on the all items 12-month rate change.
- Due to **second-hand cars**, where prices overall fell this year but rose a year ago.
- Partially offset by **new cars**, where prices overall rose this year by more than a year ago.

<b>07.2 Operation of personal transport equipment</b>	Weight 2017 Feb-Dec	Weight 2018 Feb-Dec	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to CPIH annual rate change
07.2 Operation of personal transport equipment	61	58	0.7	-0.5	-0.07
07.2.1 Spare parts and accessories	4	4	-	0.3	-
07.2.2 Fuels and lubricants	26	25	1.6	-1.1	-0.07
07.2.3 Maintenance and repairs	20	19	-	0.1	-
07.2.4 Other services	11	10	-0.1	-0.3	-

- Large downward effect on the all items 12-month rate change.
- Due to **fuels and lubricants**, where prices overall fell this year but rose a year ago.
- The average price of petrol across the month, as recorded for the CPIH, fell by 2.6 pence per litre between October and November 2018, to stand at 128.1 pence per litre.
- Last year, the average price of petrol rose by 1.8 pence per litre between October and November 2017, to stand at 119.1 pence per litre.
- The average price of diesel rose by 0.4 pence per litre between October and November 2018 to stand at 136.5 pence per litre, compared with a larger rise of 2.3 pence per litre a year earlier, to stand at 122.8 pence per litre.

<b>07.3 Transport services</b>	Weight 2017 Feb-Dec	Weight 2018 Feb-Dec	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to CPIH annual rate change
07.3 Transport services	28	28	-1.9	-1.2	0.02
07.3.1 Passenger transport by railway	11	11	-	0.8	0.01
07.3.2 Passenger transport by road	10	10	0.8	-0.1	-0.01
07.3.3 Passenger transport by air	4	4	-10.4	-12.1	-0.01
07.3.4 Passenger transport by sea and inland waterway	3	3	-5.1	4.4	0.03

- Small upward effect on the all items 12-month rate change.
- Due to **passenger transport by sea and inland waterway** and **passenger transport by railway**.
- Partially offset by **passenger transport by road** and **passenger transport by air**.

#### **Passenger transport by railway**

- Small upward effect.
- Average charges for international rail journeys rose this year but fell a year ago.



**Passenger transport by road**

- Small downward effect.
- Average coach fares fell this year but rose a year ago.

**Passenger transport by air**

- Small downward effect.
- Average fares fell this year by more than a year ago, particularly for long haul flights.

**Passenger transport by sea and inland waterway**

- Small upward effect.
- Average international sea fares rose this year but fell a year ago.

<b>08 COMMUNICATION</b>	Weight 2017 Feb-Dec	Weight 2018 Feb-Dec	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to CPIH annual rate change
08 Communication	21	20	0.3	-	-0.01

- Small downward effect on the all items 12-month rate change.
- Due to **telephone equipment and services**.

<b>08.1 Postal services</b>	Weight 2017 Feb-Dec	Weight 2018 Feb-Dec	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to CPIH annual rate change
08.1 Postal services	1	1	-	-	-

- Negligible overall effect on the all items 12-month rate change.

<b>08.2/3 Telephone equipment and services</b>	Weight 2017 Feb-Dec	Weight 2018 Feb-Dec	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to CPIH annual rate change
08.2/3 Telephone equipment and services	20	19	0.3	-	-0.01

- Small downward effect on the all items 12-month rate change.
- Prices overall were little changed this year but rose a year ago.

<b>09 RECREATION AND CULTURE</b>	Weight 2017 Feb-Dec	Weight 2018 Feb-Dec	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to CPIH annual rate change
09 Recreation and culture	121	120	0.7	0.1	-0.08

- Largest downward effect on the all items 12-month rate change.
- Due to **other recreational items, gardens and pets** and, to a lesser extent, **recreational and cultural services; books, newspapers and stationery; and package holidays**.
- Partially offset by **audio-visual equipment and related products**.

<b>09.1 Audio-visual equipment and related products</b>	Weight 2017 Feb-Dec	Weight 2018 Feb-Dec	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to CPIH annual rate change
09.1 Audio-visual equipment and related products	15	14	-	0.9	0.01
09.1.1 Equipment for the reception and reproduction of sound and pictures	3	4	-1.0	-2.4	-0.01
09.1.2 Photographic, cinematographic and optical equipment	2	1	-0.6	0.6	-
09.1.3 Data processing equipment	5	5	-2.3	3.7	0.03
09.1.4 Recording media	4	3	3.9	0.8	-0.01
09.1.5 Repair of audio-visual equipment and related products	1	1	-	-	-

- Small upward effect on the all items 12-month rate change.
- Due to **data processing equipment**.
- Partially offset by **recording media** and **equipment for the reception and reproduction of sound and pictures**.

#### **Equipment for the reception and reproduction of sound and pictures**

- Small downward effect.
- Prices overall fell this year by more than a year ago, particularly for televisions.

#### **Data processing equipment**

- Small upward effect.
- Prices overall rose this year but fell a year ago, particularly for PC peripherals and computer software.

#### **Recording media**

- Small downward effect.
- Prices overall rose this year by less than a year ago, with the main downward contribution

coming from DVDs.

<b>09.2 Other major durables for recreation and culture</b>	Weight 2017 Feb-Dec	Weight 2018 Feb-Dec	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to CPIH annual rate change
09.2.1/2 Major durables for in/outdoor recreation	13	14	-	-	-

- Negligible overall effect on the all items 12-month rate change.

<b>09.3 Other recreational items, gardens and pets</b>	Weight 2017 Feb-Dec	Weight 2018 Feb-Dec	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to CPIH annual rate change
09.3 Other recreational items, gardens and pets	30	29	1.4	-	-0.04
09.3.1 Games, toys and hobbies	16	17	2.2	-	-0.04
09.3.2 Equipment for sport and open-air recreation	3	2	-0.4	-0.5	-
09.3.3 Gardens, plants and flowers	4	3	0.3	1.2	-
09.3.4/5 Pets, related products and services	7	7	0.8	-0.3	-0.01

- Large downward effect on the all items 12-month rate change.
- Due to **games, toys and hobbies** and, to a lesser extent, **pets, related products and services**.

#### **Games, toys and hobbies**

- Large downward effect.
- Prices overall were little changed this year but rose a year ago, with the main downward contributions coming from computer game downloads, computer games and computer game consoles.
- Partially offset by a small upward contribution coming from pre-school activity toys, where prices overall rose this year but fell a year ago.

#### **Pets, related products and services**

- Small downward effect.
- Prices overall fell this year but rose a year ago, particularly for dry dog food.

09.4 Recreational and cultural services	Weight	Weight	1 month	1 month	Contribution to CPIH annual rate change
	2017	2018	% change	% change	
	Feb-Dec	Feb-Dec	Nov 2017	Nov 2018	
09.4 Recreational and cultural services	26	23	0.3	-0.9	-0.03
09.4.1 Recreational and sporting services	8	7	-	-	-
09.4.2 Cultural services	18	16	0.5	-1.3	-0.03

- Small downward effect on the all items 12-month rate change.
- Due to **cultural services**, where average charges for live music events and theatre admissions fell this year but rose a year ago.

09.5 Books, newspapers and stationery	Weight	Weight	1 month	1 month	Contribution to CPIH annual rate change
	2017	2018	% change	% change	
	Feb-Dec	Feb-Dec	Nov 2017	Nov 2018	
09.5 Books, newspapers and stationery	9	9	2.3	0.6	-0.02
09.5.1 Books	3	3	4.3	1.3	-0.01
09.5.2 Newspapers and periodicals	3	3	1.2	-0.7	-0.01
09.5.3/4 Misc. printed matter, stationery, drawing materials	3	3	1.2	1.4	-

- Small downward effect on the all items 12-month rate change.
- Due to **books**; and **newspapers and periodicals**.

#### Books

- Small downward effect.
- Prices overall rose this year by less than a year ago, with the main downward contribution coming from non-fiction hardbacks.

#### Newspapers and periodicals

- Small downward effect.
- Prices overall fell this year but rose a year ago.

09.6 Package holidays	Weight	Weight	1 month	1 month	Contribution to CPIH annual rate change
	2017	2018	% change	% change	
	Feb-Dec	Feb-Dec	Nov 2017	Nov 2018	
09.6 Package holidays	28	31	0.6	0.3	-0.01

- Small downward effect on the all items 12-month rate change.
- Prices overall rose this year by less than a year ago, with the main downward contribution coming from foreign holidays.

<b>10 EDUCATION</b>	Weight 2017 Feb-Dec	Weight 2018 Feb-Dec	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to CPIH annual rate change
10 Education	17	18	-	-	-

- Negligible overall effect on the all items 12-month rate change.

<b>11 RESTAURANTS AND HOTELS</b>	Weight 2017 Feb-Dec	Weight 2018 Feb-Dec	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to CPIH annual rate change
11 Restaurants and hotels	101	97	0.3	0.5	0.02

- Small upward effect on the all items 12-month rate change.
- Due to **accommodation services**.

<b>11.1 Catering services</b>	Weight 2017 Feb-Dec	Weight 2018 Feb-Dec	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to CPIH annual rate change
11.1 Catering services	77	75	0.3	0.3	-
11.1.1 Restaurants and cafes	70	69	0.3	0.3	-
11.1.2 Canteens	7	6	0.8	-	-0.01

- Negligible overall effect on the all items 12-month rate change.
- There is a small downward contribution coming from **canteens**, where prices overall were little changed this year but rose a year ago, with the main downward contribution coming from staff canteen items.

<b>11.2 Accommodation services</b>	Weight 2017 Feb-Dec	Weight 2018 Feb-Dec	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to CPIH annual rate change
11.2 Accommodation services	24	22	0.3	1.5	0.03

- Small upward effect on the all items 12-month rate change.
- Average prices for overnight hotel accommodation rose this year by more than a year ago.

<b>12 MISCELLANEOUS GOODS AND SERVICES</b>	Weight 2017 Feb-Dec	Weight 2018 Feb-Dec	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to CPIH annual rate change
12 Misc. goods and services	77	77	-0.1	0.2	0.03

- Small upward effect on the all items 12-month rate change.
- Due to **personal care, personal effects not elsewhere covered** and **financial services not elsewhere covered**.
- Partially offset by **insurance**.

<b>12.1 Personal care</b>	Weight 2017 Feb-Dec	Weight 2018 Feb-Dec	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to CPIH annual rate change
12.1 Personal care	25	25	-0.3	0.4	0.02
12.1.1 Hairdressing and personal grooming establishments	6	6	-	0.1	-
12.1.2/3 Appliances and products for personal care	19	19	-0.4	0.5	0.02

- Small upward effect on the all items 12-month rate change.
- Due to **appliances and products for personal care**, where prices overall rose this year but fell a year ago, particularly for moisturiser/day cream and liquid soap.

<b>12.3 Personal effects not elsewhere covered</b>	Weight 2017 Feb-Dec	Weight 2018 Feb-Dec	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to CPIH annual rate change
12.3 Personal effects not elsewhere covered	11	12	0.2	1.1	0.01
12.3.1 Jewellery, clocks and watches	7	8	0.3	0.5	-
12.3.2 Other personal effects	4	4	-0.2	2.2	0.01

- Small upward effect on the all items 12-month rate change.
- Due to **other personal effects**, where prices overall rose this year but fell a year ago, with the main upward contributions coming from ladies' handbags/shoulder bags and luggage trolley cases.

<b>12.4 Social protection</b>	Weight 2017 Feb-Dec	Weight 2018 Feb-Dec	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to CPIH annual rate change
-------------------------------	---------------------------	---------------------------	---------------------------------	---------------------------------	---

12.4 Social protection	13	14	0.3	0.3	-
------------------------	----	----	-----	-----	---

- Negligible overall effect on the all items 12-month rate change.

<b>12.5 Insurance</b>	Weight	Weight	1 month	1 month	Contribution to CPIH annual rate change
	2017 Feb-Dec	2018 Feb-Dec	% change Nov 2017	% change Nov 2018	
12.5 Insurance	7	7	0.5	-1.4	-0.01
12.5.2 House contents insurance	2	2	0.4	0.5	-
12.5.3 Health insurance	2	2	-	-	-
12.5.4 Transport insurance	3	3	1.0	-3.6	-0.01

- Small downward effect on the all items 12-month rate change.
- Due to **transport insurance**, where average premiums for car insurance fell this year but rose a year ago.

<b>12.6 Financial services not elsewhere covered</b>	Weight	Weight	1 month	1 month	Contribution to CPIH annual rate change
	2017 Feb-Dec	2018 Feb-Dec	% change Nov 2017	% change Nov 2018	
12.6 Financial services not elsewhere covered	11	9	-1.3	-0.2	0.01

- Small upward effect on the all items 12-month rate change.
- Charges overall fell this year by less than a year ago, with the main upward contribution coming from bank overdraft charges.

<b>12.7 Other services not elsewhere covered</b>	Weight	Weight	1 month	1 month	Contribution to CPIH annual rate change
	2017 Feb-Dec	2018 Feb-Dec	% change Nov 2017	% change Nov 2018	
12.7 Other services not elsewhere covered	10	10	0.1	0.1	-

- Negligible overall effect on the all items 12-month rate change.

## RPI SUMMARY

### CONTRIBUTIONS TO CHANGE IN THE RPI ANNUAL RATE

<b>GROUPS</b>	Weight 2017	Weight 2018	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to RPI annual rate change
FOOD	102	102	0.4	0.2	-0.01
CATERING	48	50	0.3	0.3	-
ALCOHOLIC DRINKS	57	56	-0.2	-0.2	-
TOBACCO	24	23	0.1	3.5	0.08
HOUSING	266	257	-	-0.1	-0.02
FUEL AND LIGHT	38	37	0.4	-0.2	-0.02
HOUSEHOLD GOODS	65	68	0.4	0.2	-0.01
HOUSEHOLD SERVICES	64	58	0.1	-	-0.01
CLOTHING AND FOOTWEAR	41	43	1.1	1.3	0.01
PERSONAL GOODS AND SERVICES	38	42	-0.1	0.6	0.03
MOTORING EXPENDITURE	123	124	1.1	-0.4	-0.19
FARES AND OTHER TRAVEL COSTS	26	25	-4.5	-5.2	-0.01
LEISURE GOODS	29	30	0.5	0.5	-
LEISURE SERVICES	79	85	0.4	0.2	-0.02



## RPI NOTABLE MOVEMENTS

All items RPI	Annual rate +3.2%, down from +3.3% last month Also +3.2% in July 2018 Last lower in March 2017 (+3.1%)
All items RPI exc MIPS (RPIX)	Annual rate +3.1%, down from +3.2% last month Lowest since January 2017 (+2.9%)
Food	Annual rate +0.4%, down from +0.5% last month Lowest since January 2017 (-0.4%)
Tobacco	Annual rate +10.4%, up from +6.8% last month Highest since December 2011 (+11.8%)
Personal goods and services	Annual rate +2.3%, up from +1.7% last month Highest since March 2014 (+2.6%)
All goods	Annual rate +3.1%, unchanged from last month Last higher in September 2018 (+3.2%) Last lower in January 2017 (+2.8%)
All services	Annual rate +3.1%, down from +3.4% last month Also +3.1% in August 2018 Last lower in July 2018 (+2.9%)

## RPI DETAILED BRIEFING

In accordance with the Statistics and Registration Service Act 2007, the Retail Prices Index and its derivatives have been assessed against the Code of Practice for Official Statistics and found not to meet the required standard for designation as National Statistics. A consultation was carried out in March 2013 on whether to maintain this detailed RPI briefing and, based on views received, it was decided to continue with its publication.

- Weights are specified as parts per 1000 in the RPI.

<b>FOOD</b>	Weight 2017	Weight 2018	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to RPI annual rate change
FOOD	102	102	0.4	0.2	-0.01

- Small downward effect on the all items 12-month rate change.
- Due to **non-seasonal food**.

<b>Seasonal Food</b>	Weight 2017	Weight 2018	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to RPI annual rate change
SEASONAL FOOD	18	18	1.1	0.9	-
Home killed lamb	1	1	-4.1	-3.6	-
Fresh fish	2	2	2.0	-0.3	-
Eggs	1	1	-	0.4	-
Unprocessed potatoes	1	1	-2.8	0.5	-
Other fresh vegetables	6	6	-0.7	1.2	0.01
Fresh fruit	7	7	4.0	1.8	-0.02

- Negligible overall effect on the all items 12-month rate change.
- There is a small downward contribution coming from **fresh fruit**, where prices overall rose this year by less than a year ago, particularly for strawberries.
- Offset by a small upward contribution coming from **other fresh vegetables**, where prices overall rose this year but fell a year ago.

<b>Non-Seasonal Food</b>	Weight 2017	Weight 2018	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to RPI annual rate change
NON-SEASONAL FOOD	84	84	0.2	0.1	-0.01
Bread	4	4	0.9	0.1	-
Cereals	3	3	-0.3	-0.5	-
Biscuits and cakes	6	6	1.1	-0.8	-0.01
Beef	4	3	-0.1	0.9	-
Imported lamb	1	1	0.8	3.6	-
Pork	1	1	-0.1	-0.4	-
Bacon	1	1	-0.3	-0.2	-
Poultry	3	4	0.4	0.2	-
Other meat	6	6	0.9	-0.5	-0.01
Processed fish	2	2	-0.3	-1.5	-
Butter	1	1	2.9	-3.0	-0.01
Oils and fats	1	1	-1.9	4.2	0.01
Cheese	3	3	0.5	-	-
Milk, fresh	3	3	1.5	0.2	-
Milk products	4	4	-0.5	0.5	-
Tea	1	1	-4.3	-1.3	-
Soft drinks	8	8	-0.5	-0.7	-
Sugar and preserves	1	1	1.9	-0.7	-
Sweets and chocolates	11	11	1.0	-0.3	-0.01
Potato products	3	3	-0.9	-	-
Processed vegetables	2	2	1.8	0.8	-
Processed fruit	2	2	-0.7	-0.4	-
Other foods	11	11	-0.5	2.2	0.03
Coffee and other hot drinks	2	2	0.9	-1.2	-

- Small downward effect on the all items 12-month rate change.
- Due to **biscuits and cakes**, **other meat**, **butter** and **sweets and chocolates**, where prices overall fell this year but rose a year ago, particularly for carton/boxes of chocolates and packs of individual cakes.
- Partially offset by **other foods** and **oils and fats**, where prices overall rose this year but fell a year ago, with the main upward contributions coming from chilled pizzas, mayonnaise and cook-in sauces. Partially offset by a small downward contribution coming from dried potted snacks, where prices overall fell this year but rose a year ago.

<b>CATERING</b>	Weight 2017	Weight 2018	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to RPI annual rate change
CATERING	48	50	0.3	0.3	-
Restaurant meals	29	30	0.3	0.4	-
Canteen meals	3	3	0.5	-0.1	-
Take-away meals and snacks	16	17	0.2	0.3	-

- Negligible overall effect on the all items 12-month rate change.

<b>ALCOHOLIC DRINKS</b>	Weight 2017	Weight 2018	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to RPI annual rate change
ALCOHOLIC DRINKS	57	56	-0.2	-0.2	-
Beer on sales	19	18	0.1	0.3	-
Beer off sales	5	5	-1.6	0.7	0.01
Wines and spirits on sales	19	19	0.2	0.2	-
Wines and spirits off sales	14	14	-0.8	-1.8	-0.01

- Negligible overall effect on the all items 12-month rate change.
- There is a small upward contribution coming from **beer off sales**, where prices overall rose this year but fell a year ago, particularly for packs of four bottles of lager.
- Offset by a small downward contribution coming from **wines and spirits off sales**, where prices overall fell this year by more than a year ago, particularly for white wine.

<b>TOBACCO</b>	Weight 2017	Weight 2018	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to RPI annual rate change
TOBACCO	24	23	0.1	3.5	0.08
Cigarettes	20	19	0.2	3.4	0.06
Other tobacco products	4	4	-	4.0	0.02

- Largest upward effect on the all items 12-month rate change.
- Due to:
  - **Cigarettes**, where prices overall rose this year by more than a year ago; and
  - **Other tobacco products**, where prices overall rose this year but were little changed a year ago.
- In both cases, the increase in prices reflects duty increases announced in the Autumn Budget.

<b>HOUSING</b>	Weight 2017	Weight 2018	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to RPI annual rate change
HOUSING	266	257	-	-0.1	-0.02
Rent	84	76	0.1	0.1	-
Mortgage interest payments	25	24	0.7	-0.3	-0.02
Council Tax and rates	39	38	-	-	-
Water and other charges	13	12	-	-	-
Repairs and maintenance charges	9	9	-	-	-
DIY materials	6	8	-0.9	0.3	0.01
Dwelling insurance and ground rent	6	7	0.8	0.2	-
House depreciation	84	83	-0.4	-0.4	-

- Small downward effect on the all items 12-month rate change.
- Due to **mortgage interest payments**, where charges overall fell this year but rose a year ago.
- Partially offset by **DIY materials**, where prices overall rose this year but fell a year ago.

<b>FUEL AND LIGHT</b>	Weight 2017	Weight 2018	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to RPI annual rate change
FUEL AND LIGHT	38	37	0.4	-0.2	-0.02
Coal and solid fuels	1	1	1.1	-0.9	-
Electricity	19	20	-	-	-
Gas	16	15	-	-	-
Oil and other fuels	2	1	7.2	-4.7	-0.02

- Small downward effect on the all items 12-month rate change.
- Due to **oil and other fuels**, where average kerosene prices fell this year but rose a year ago.

<b>HOUSEHOLD GOODS</b>	Weight 2017	Weight 2018	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to RPI annual rate change
HOUSEHOLD GOODS	65	68	0.4	0.2	-0.01
Furniture	26	28	0.7	1.0	0.01
Furnishings	10	9	-0.1	1.1	0.01
Electrical appliances	6	7	-1.7	-2.6	-0.01
Other household equipment	4	4	1.5	-0.6	-0.01
Household consumables	11	11	-	0.6	0.01
Pet care	8	9	1.1	-0.7	-0.02

- Small downward effect on the all items 12-month rate change.
- Due to:
  - **Pet care** and **other household equipment**, where prices overall fell this year but rose a year ago, particularly for dry dog food; and
  - **Electrical appliances**, where prices overall fell this year by more than a year ago, with the main downward contributions coming from washing machines and vacuum cleaners.
- Partially offset by:
  - **Furnishings**, where prices overall rose this year but fell a year ago;
  - **Household consumables**, where prices overall rose this year but were little changed a year ago, with the main upward contribution coming from household cleaner cream/liquid; and
  - **Furniture**, where prices overall rose this year by more than a year ago, with the main upward contribution coming from kitchen furniture.

<b>HOUSEHOLD SERVICES</b>	Weight 2017	Weight 2018	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to RPI annual rate change
HOUSEHOLD SERVICES	64	58	0.1	-	-0.01
Domestic services	15	13	0.2	0.2	-
Fees and subscriptions	22	19	-0.1	-	-
Postage	1	1	-	-	-
Telephone charges	26	25	0.1	-0.2	-0.01

- Small downward effect on the all items 12-month rate change.
- Due to **telephone charges**, where prices overall fell this year but rose a year ago.

CLOTHING AND FOOTWEAR	Weight	Weight	1 month	1 month	Contribution to RPI annual rate change
	2017	2018	% change	% change	
			Nov 2017	Nov 2018	
CLOTHING AND FOOTWEAR	41	43	1.1	1.3	0.01
Men's outerwear	8	9	1.7	1.0	-0.01
Women's outerwear	15	16	1.8	2.0	0.01
Children's outerwear	5	5	0.3	1.7	0.01
Other clothing	5	5	0.4	1.1	-
Footwear	8	8	0.2	-0.1	-

- Small upward effect on the all items 12-month rate change.
- Due to **women's outerwear** and **children's outerwear**, where prices overall rose this year by more than a year ago, with the main upward contributions coming from women's plain T-shirts, jackets and vest/strappy tops, and girls' fashion tops.
- Partially offset by **men's outerwear**, where prices overall rose this year by less than a year ago, particularly for men's jeans.

PERSONAL GOODS AND SERVICES	Weight	Weight	1 month	1 month	Contribution to RPI annual rate change
	2017	2018	% change	% change	
			Nov 2017	Nov 2018	
PERSONAL GOODS AND SERVICES	38	42	-0.1	0.6	0.03
Personal articles	9	11	0.3	1.2	0.01
Chemists' goods	15	15	-0.5	0.5	0.01
Personal services	14	16	0.1	0.1	-

- Small upward effect on the all items 12-month rate change.
- Due to:
  - **Chemists' goods**, where prices overall rose this year but fell a year ago; and
  - **Personal articles**, where prices overall rose this year by more than a year ago, particularly for luggage trolley cases.

<b>MOTORING EXPENDITURE</b>	Weight 2017	Weight 2018	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to RPI annual rate change
MOTORING EXPENDITURE	123	124	1.1	-0.4	-0.19
Purchase of motor vehicles	46	50	1.0	0.3	-0.03
Maintenance of motor vehicles	16	16	0.1	0.2	-
Petrol and oil	37	34	1.6	-0.3	-0.07
Vehicle tax and insurance	24	24	1.4	-2.5	-0.09

- Largest downward effect on the all items 12-month rate change.
- Due to:
  - **Vehicle tax and insurance**, where average car insurance premiums fell this year but rose a year ago;
  - **Petrol and oil**, where prices overall fell this year but rose a year ago. The price of petrol, as recorded for the RPI, fell by 1.8 pence per litre between October and November 2018, to stand at 128.9 pence per litre, compared with a rise of 1.7 pence per litre last year, to stand at 118.9 pence per litre. Diesel prices rose by 1.7 pence per litre, to stand at 137.1 pence per litre in November 2018, compared with a larger rise of 2.2 pence per litre last year, to stand at 122.7 pence per litre; and, to a lesser extent
  - **Purchase of motor vehicles**, where prices overall rose this year by less than a year ago, with the main downward contribution coming from second-hand cars.

<b>FARES AND OTHER TRAVEL COSTS</b>	Weight 2017	Weight 2018	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to RPI annual rate change
FARES AND OTHER TRAVEL COSTS	26	25	-4.5	-5.2	-0.01
Rail fares	6	6	-0.1	0.8	0.01
Bus and coach fares	3	3	1.5	-0.3	-0.01
Other travel costs	17	16	-7.0	-8.0	-0.01

- Small downward effect on the all items 12-month rate change.
- Due to:
  - **Other travel costs**, where average air fares fell this year by more than a year ago; and
  - **Bus and coach fares**, where average coach fares fell this year but rose a year ago.
- Partially offset by **rail fares**, where average fares for international rail travel rose this year but fell a year ago.



<b>LEISURE GOODS</b>	Weight 2017	Weight 2018	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to RPI annual rate change
LEISURE GOODS	29	30	0.5	0.5	-
Audio-visual equipment	6	6	-2.7	-	0.01
CDs and tapes	2	2	3.0	1.2	-
Toys, photographic and sports goods	9	10	0.8	0.1	-0.01
Books and newspapers	6	6	1.7	0.8	-0.01
Gardening products	6	6	0.5	1.0	-

- Negligible overall effect on the all items 12-month rate change.
- There is an upward contribution coming from **audio-visual equipment**, where prices overall were little changed this year but fell a year ago, with the main upward contribution coming from PC peripherals.
- Offset by downward contributions coming from **toys, photographic and sports goods** and **books and newspapers**, where prices overall rose this year by less than a year ago, with the main downward contributions coming from computer games and non-fiction hardbacks. Partially offset by a small upward contribution coming from eBooks, where prices overall rose this year but fell a year ago.

<b>LEISURE SERVICES</b>	Weight 2017	Weight 2018	1 month % change Nov 2017	1 month % change Nov 2018	Contribution to RPI annual rate change
LEISURE SERVICES	79	85	0.4	0.2	-0.02
TV licence and rentals	12	11	-	-	-
Entertainment and other recreation	16	16	0.2	-0.8	-0.02
Foreign holidays	40	47	0.7	0.4	-0.01
UK holidays	11	11	0.1	1.0	0.01

- Small downward effect on the all items 12-month rate change.
- Due to:
  - **Entertainment and other recreation**, where average charges for live music events fell this year but rose a year ago; and
  - **Foreign holidays**, where prices overall rose this year by less than a year ago.
- Partially offset by **UK holidays**, where average prices for overnight hotel accommodation rose this year by more than a year ago.

## RECONCILIATION OF CPIH AND RPI

### (Table 5a of the Consumer Price Inflation Dataset)

This table identifies the main factors contributing to the differences between the unrounded inflation rates for the CPIH and the RPI. These differences are broken down into: mortgage interest payments, other housing components excluded from the CPIH, imputed rents (included in CPIH and excluded from RPI), other differences in the coverage of goods and services, and the formula effect. The final component titled 'other differences including weights' is derived as a residual.

The corresponding figures for the Consumer Prices Index (CPI) can be found in Table 5b in the [Consumer price inflation dataset](#).

The difference between the CPIH and RPI unrounded annual rates in November 2018 was -1.01 percentage points, narrowing from -1.13 percentage points in October 2018.

The main factors contributing to the narrowing were:

- **Other differences including weights**, which decreased the RPI 12-month rate relative to the CPIH 12-month rate by 0.07 percentage points between October and November 2018. The effect came mainly from insurance and sea fares. This was partially offset by games, toys and hobbies and equipment for sport and open-air recreation; and food and non-alcoholic beverages.
- **Mortgage Interest Payments**, which decreased the RPI 12-month rate by 0.02 percentage points between October and November 2018 but are excluded from the CPIH.

There were no offsetting factors.

## RPI MISCELLANEOUS DATA

### Selected Average Prices

Description		September 2018	October 2018	November 2018
Petrol per litre	Diesel	£1.34	£1.35	£1.37
	Petrol	£1.30	£1.31	£1.29
Alcohol pub prices	Draught bitter (pint)	£3.06	£3.05	£3.06
	Draught lager (pint)	£3.66	£3.66	£3.67
	Whisky (per nip)	£2.89	£2.89	£2.90
Cigarettes	Per 20 king size	£10.25	£10.28	£10.63

Average prices are as recorded for the RPI.

### Changes in Mortgage Interest Rates

This table gives an estimate of the contribution that changes in the average mortgage interest rate (MI) make to the 1-month percentage change in the RPI.

Month	1-month % change in the RPI	Approx. change in average MI rate	Approx. contribution to the 1-month % change in the RPI
November 2017	+0.2	Up +0.01% points	+0.01% points
December 2017	+0.8	Up +0.09% points	+0.08% points
January 2018	-0.8	Down -0.04% points	-0.04% points
February 2018	+0.8	Down -0.01% points	-0.01% points
March 2018	+0.1	Down -0.02% points	-0.02% points
April 2018	+0.5	Down -0.01% points	-0.01% points
May 2018	+0.4	Down -0.02% points	-0.02% points
June 2018	+0.3	Down -0.01% points	-0.01% points
July 2018	+0.1	Negligible	-
August 2018	+0.9	Up +0.06% points	+0.06% points
September 2018	0.0	Down -0.06% points	-0.06% points
October 2018	+0.1	Up +0.07% points	+0.07% points
November 2018	0.0	Down -0.02% points	-0.02% points

**NB:** A one percentage point change in the average mortgage interest rate contributes approx. 1.0 percentage points to the 1-month percentage change in the RPI.

## OUTLOOK

The outlook is a summary of seasonal trends, selected news cuttings and other sources of information. It gives some indication of expected changes to the annual rate of the CPIH and RPI in the next few months.

### FOOD

#### Seasonal Food

- With the exception of 2015 and 2017, seasonal food prices tend to rise in December.

<b>Monthly % change for CPIH seasonal food index</b>			
<b>Year</b>	<b>October</b>	<b>November</b>	<b>December</b>
2012	0.9	2.3	2.8
2013	-	-0.2	0.9
2014	1.3	0.6	0.6
2015	0.2	0.8	-0.6
2016	-0.2	1.2	0.5
2017	2.1	1.0	-0.4
2018	1.9	0.6	

- Seasonal food prices in the RPI tend to show a similar movement.

### CLOTHING AND FOOTWEAR

- Prices for clothing and footwear tend to fall in December.

<b>Monthly % change for CPIH clothing and footwear index</b>			
<b>Year</b>	<b>October</b>	<b>November</b>	<b>December</b>
2012	1.2	0.6	-1.4
2013	1.0	0.7	-0.9
2014	0.6	0.7	-1.1
2015	2.0	-0.1	-1.3
2016	0.3	1.4	-1.0
2017	0.2	1.2	-0.9
2018	-0.5	1.5	

- The clothing and footwear group in the RPI exhibits a similar seasonal pattern.

## FURNITURE, HOUSEHOLD EQUIPMENT AND MAINTENANCE

- Prices tend to rise in December.

Monthly % change for CPIH furniture, household equipment and maintenance index			
Year	October	November	December
2012	-0.6	-0.1	1.2
2013	-0.4	-0.1	1.7
2014	-1.1	0.1	1.6
2015	-1.0	-0.2	1.1
2016	0.5	0.5	0.9
2017	-0.4	0.3	1.4
2018	-0.1	0.2	

- The household goods group in the RPI exhibits a similar seasonal pattern.

## TRANSPORT

### Fuels and Lubricants

- Oil prices fell after reports of swelling inventories and forecasts of record U.S. and Russian output combined with a sharp sell-off in stock markets as the outlook for global growth deteriorated. U.S. crude oil dropped \$2.04, or 4.1 percent, to a low of \$47.84, its weakest since September 2017, before recovering to around \$48.55. North Sea Brent crude lost \$2.41, or 4.0 percent, to \$57.20, a 14-month low. It last traded around \$58.21, down \$1.40. Both crude oil benchmarks have shed more than 30 percent since early October due to swelling global inventories. ([www.reuters.com](http://www.reuters.com) 18 December 2018)
- When considering the price of petrol between November and December 2018, it may be useful to note that the average price of petrol rose by 0.8 pence per litre between November and December 2017, to stand at 119.9 pence per litre as measured in the CPIH.
- A 1 pence change on average in the cost of a litre of motor fuel contributes approximately 0.02 percentage points to the 1-month change in the CPIH.

### Passenger Transport by Air

- Air fares tend to rise in December.

Monthly % change for CPIH air fares index			
Year	October	November	December
2012	-3.5	-8.3	21.9
2013	-11.2	-8.1	19.8
2014	-6.0	-12.3	19.3
2015	-12.7	-13.0	46.0
2016	-7.4	-13.4	48.9
2017	-4.8	-10.4	52.8
2018	-5.0	-12.1	

- The air fares index used in the RPI is the same as that used in the CPIH, and is included in the **other travel costs** section.

## HOUSING (RPI)

### Mortgage interest payments (MIPs)

- The Bank of England Bank Rate remained unchanged at 0.75% on Thursday 1 November 2018. The next announcement and minutes from the Bank of England's Monetary Policy Committee are scheduled to be published on 20 December 2018.
- The change in average mortgage interest rates recorded in the RPI was +0.09 percentage points between November and December 2017. The Bank of England Bank Rate increased from 0.25% to 0.5% in November 2017.
- A one percentage point change in the average mortgage interest rate contributes approximately 1.0 percentage points to the 1-month percentage change in the RPI.

**Next publication:**

16 January 2019

**Media contact:**

Tel: Luke Croydon +44 (0) 845 6041858  
Out of hours media line +44 (0) 7867 906553  
Email: [media.relations@ons.gsi.gov.uk](mailto:media.relations@ons.gsi.gov.uk)

**Statistical contact:**

Tel: Philip Gooding +44 (0) 1633 455896  
Email: [cpi@ons.gsi.gov.uk](mailto:cpi@ons.gsi.gov.uk)

**Website:** [www.ons.gov.uk](http://www.ons.gov.uk)

**Consumer Price Inflation recorded message** (available after 9.45am on release day):

Tel: +44 (0) 800 0113703

**Consumer Price Inflation Enquiries:**

Tel: +44 (0) 1633 456900