

Consumer Price Inflation

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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 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 October 2019 are:

- The all items CPIH is 108.3, down from 108.4 in September.
- The all items CPIH annual rate is 1.5%, down from 1.7% in September.
- The annual rate for CPIH excluding indirect taxes, CPIHY, is 1.4%, down from 1.6% last month.
- The OOH component of CPIH is 107.2, up from 107.1 in September.
- The OOH component annual rate is 1.2%, up from 1.1% last month.
- The CPIH all goods index is 105.6, down from 105.9 in September.
- The CPIH all goods index annual rate is 0.4%, down from 0.9% last month.
- The CPIH all services index is 110.3, up from 110.2 in September.
- The CPIH all services index annual rate is 2.2%, unchanged from 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 October 2019 are:

- The all items CPI is 108.3, down from 108.5 in September.
- The all items CPI annual rate is 1.5%, down from 1.7% in September.
- The annual rate for CPI excluding indirect taxes, CPIY, is 1.4%, down from 1.7% last month.
- The annual rate for CPI at constant tax rates, CPI-CT, is 1.4%, down from 1.6% last month.
- The CPI all goods index is 105.6, down from 106.0 in September.
- The CPI all goods index annual rate is 0.5%, down from 1.0% last month.
- The CPI all services index is 111.3, unchanged from last month.
- The CPI all services index annual rate is 2.6%, up from 2.5% 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 October 2019 are:

- The all items RPI is 290.4, down from 291.0 in September.
- The all items RPI annual rate is 2.1%, down from 2.4% last month.
- The annual rate for RPIX, the all items RPI excluding mortgage interest payments (MIPs), is 2.1%, down from 2.4% last month.
- The all goods RPI is 218.5, down from 218.9 in September.
- The all goods RPI annual rate is 1.6%, down from 1.8% last month.
- The all services RPI is 399.8, down from 401.0 in September.
- The all services RPI annual rate is 2.8%, down from 3.2% 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
	2018 Feb-Dec	2019 Feb-Dec	% change Oct 2018	% change Oct 2019	
01: Food and non-alcoholic beverages	83	82	-0.2	-0.6	-0.03
02: Alcoholic beverages and tobacco	34	32	-0.2	0.4	0.02
03: Clothing and footwear	57	54	-0.5	1.0	0.08
04: Housing, water, electricity, gas and other fuels	301	298	0.3	-0.3	-0.18
05: Furniture, household equipment and maintenance	48	53	-0.1	-1.1	-0.06
06: Health	21	22	-0.3	-0.3	-
07: Transport	124	123	-0.4	-0.2	0.02
08: Communication	20	20	0.7	0.1	-0.01
09: Recreation and culture	120	127	0.7	0.4	-0.04
10: Education	18	18	2.1	1.7	-0.01
11: Restaurants and hotels	97	97	-0.2	-0.2	-0.01
12: Miscellaneous goods and services	77	74	-0.1	-	0.01

Large downward effects came from:

- **Housing and household services**, where gas and electricity prices fell by 8.7% and 2.2%, respectively, between September and October 2019. This month's downward movement partially reflected the response from energy providers to Ofgem's six-month energy price cap, which came into effect from 1 October 2019. Gas and electricity prices had both risen by 2.0% between the same two months a year ago.
- **Furniture, household equipment and maintenance**, where prices overall fell by 1.1% between September and October this year compared with a fall of 0.1% a year ago.

- **Recreation and culture**, where prices rose between September and October 2019 but by less than a year ago. The main downward contributions came from games, toys and hobbies (specifically from computer game consoles and toy vehicles); books; and cultural services, which were partially offset by a small upward contribution from late booked package holidays, where prices rose by more than a year ago.

A small upward movement came from:

- **Food and non-alcoholic beverages**, with most of the downward movement coming from vegetables including potatoes and fruit where prices fell this year but rose a year ago. There were small, partially offsetting upward movements across the food division and from non-alcoholic beverages, where prices overall fell by less than a year ago.

A large upward effect came from:

- **Clothing and footwear**, where, across the division, the largest movements came from women's clothes and footwear with prices rising this year compared with falls a year ago. The only two standout items were women's formal trousers and branded trainers.

A small upward effect came from:

- **Transport**, where upward movements from air, sea and rail fares and new cars were partially offset by a downward movement from fuels and lubricants. Petrol prices fell by 0.8 pence per litre, between September and October 2019, to stand at 126.5 pence per litre while diesel prices fell to 131.4 pence per litre – a fall of 0.4 pence per litre. Last year, petrol and diesel prices had risen by 0.4 and 1.8 pence per litre, respectively, between the same two months.
- **Alcoholic beverages**, with upward contributions coming from bottles of whisky, vodka and lager, where prices rose this year but fell a year ago. These movements were partially offset by a small downward movement from sparkling wine, where prices fell this year but rose a year ago.

CPIH NOTABLE MOVEMENTS

All items CPIH	<p>Annual rate +1.5%, down from +1.7% last month</p> <p>Also +1.5% in November 2016</p> <p>Last lower in October 2016 (+1.3%)</p>
All items CPIH excl. energy, food, alcohol and tobacco	<p>Annual rate +1.7%, up from +1.6% last month</p> <p>Highest since July 2019 (+1.9%)</p>
Clothing and footwear	<p>Annual rate +0.5%, up from -0.9% last month</p> <p>Highest since May 2018 (+1.5%)</p>
Housing, water, electricity, gas and other fuels	<p>Annual rate +1.1%, down from +1.7% last month</p> <p>Lowest since December 2010 (+1.0%)</p>
Recreation and culture	<p>Annual rate +1.1%, down from +1.4% last month</p> <p>Lowest since April 2017 (+1.0%)</p>
Education	<p>Annual rate +2.7%, down from +3.2% last month</p> <p>Never lower since official series began in January 1997</p>
Miscellaneous goods and services	<p>Annual rate +1.8%, up from +1.7% last month</p> <p>Also +1.8% in August 2019</p> <p>Last higher in August 2017 (+2.0%)</p>
All goods	<p>Annual rate +0.4%, down from +0.9% last month</p> <p>Lowest since November 2016 (+0.2%)</p>
All services	<p>Annual rate +2.2%, unchanged from last month</p> <p>Also +2.2% in July 2019 and June 2019</p> <p>Last higher in May 2019 (+2.3%)</p> <p>Last lower in August 2019 (+2.0%)</p>
Fuels and lubricants	<p>Annual rate -3.3%, down from -2.1% last month</p> <p>Lowest since July 2016 (-4.3%)</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.

01 FOOD AND NON-ALCOHOLIC BEVERAGES	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Oct 2018	1 month % change Oct 2019	Contribution to CPIH annual rate change
01 Food & non-alcoholic beverages	83	82	-0.2	-0.6	-0.03

- Small downward effect on the all items 12-month rate change.
- Due to **food**, partially offset by **non-alcoholic beverages**.

01.1 Food	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Oct 2018	1 month % change Oct 2019	Contribution to CPIH annual rate change
01.1 Food	73	72	-0.1	-0.6	-0.04
01.1.1 Bread and cereals	12	12	0.8	1.5	0.01
01.1.2 Meat	16	15	-0.6	-0.7	-
01.1.3 Fish	3	3	0.3	-0.9	-
01.1.4 Milk, cheese and eggs	9	9	-1.4	-0.5	0.01
01.1.5 Oils and fats	2	2	-6.3	-0.3	0.01
01.1.6 Fruit	8	8	3.3	-0.1	-0.03
01.1.7 Vegetables including potatoes	10	11	1.2	-2.6	-0.04
01.1.8 Sugar, jam, syrups, chocolate and confectionery	11	10	-1.5	-2.1	-0.01
01.1.9 Food products not elsewhere covered	2	2	-0.4	2.4	0.01

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

Bread and cereals

- Small upward effect.
- Prices overall rose this year by more than a year ago, with the main upward contributions coming from dried potted snacks and chocolate biscuits.
- Partially offset by a small downward contribution coming from chilled pizzas, where prices overall fell this year but rose a year ago.

Milk, cheese and eggs

- Small upward effect.
- Prices overall fell this year by less than a year ago with the main upward contribution coming from yoghurt/fromage frais.

Oils and fats

- Small upward effect.
- Prices overall fell this year by less than a year ago, particularly for margarine/low fat spread.

Fruit

- Small downward effect.
- Prices overall fell this year but rose a year ago, with the main downward contribution coming from grapes and plums.

Vegetables including potatoes

- Large downward effect.
- Prices overall fell this year but rose a year ago, with the main downward contributions coming from fresh tomatoes, onions, potatoes and potato crisps.

Sugar, jam, syrups, chocolate and confectionery

- Small downward effect.
- Prices overall fell this year by more than a year ago, where the main downward contributions came from chocolate covered ice cream bars and large chocolate bars, partially offset by boxes of chocolates.

01.2 Non-alcoholic beverages	Weight	Weight	1 month	1 month	Contribution to CPIH annual rate change
	2018	2019	% change	% change	
	Feb-Dec	Feb-Dec	Oct 2018	Oct 2019	
01.2 Non-alcoholic beverages	10	10	-1.5	-0.3	0.01
01.2.1 Coffee, tea and cocoa	3	3	-0.9	0.5	-
01.2.2 Mineral waters, soft drinks and juices	7	7	-1.7	-0.6	0.01

- Small upward effect on the all items 12-month rate change.
- Due to **mineral waters, soft drinks and juices**, where prices fell this year by less than a year ago.

02 ALCOHOLIC BEVERAGES AND TOBACCO	Weight	Weight	1 month	1 month	Contribution to CPIH annual rate change
	2018	2019	% change	% change	
	Feb-Dec	Feb-Dec	Oct 2018	Oct 2019	
02 Alcoholic beverages and tobacco	34	32	-0.2	0.4	0.02

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

02.1 Alcoholic Beverages	Weight	Weight	1 month	1 month	Contribution to CPIH annual rate change
	2018	2019	% change	% change	
	Feb-Dec	Feb-Dec	Oct 2018	Oct 2019	
02.1 Alcoholic beverages	16	15	-0.7	0.7	0.02
02.1.1 Spirits	5	4	-1.4	2.8	0.02
02.1.2 Wine	7	7	1.2	-0.3	-0.01
02.1.3 Beer	4	4	-3.1	0.3	0.01

- Small upward effect on the all items 12-month rate change.
- Due to:
 - **Spirits**, where prices rose this year but fell last year, particularly for bottles of whisky and vodka; and
 - **Beer**, where prices overall rose this year but fell a year ago, particularly for bottles of lager.

02.2 Tobacco	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Oct 2018	1 month % change Oct 2019	Contribution to CPIH annual rate change
02.2 Tobacco	18	17	0.3	0.1	-

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

03 CLOTHING AND FOOTWEAR	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Oct 2018	1 month % change Oct 2019	Contribution to CPIH annual rate change
03 Clothing and footwear	57	54	-0.5	1.0	0.08

- Largest upward effect on the all items 12-month rate change.
- Due to **clothing** and **footwear including repairs**.

03.1 Clothing	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Oct 2018	1 month % change Oct 2019	Contribution to CPIH annual rate change
03.1 Clothing	47	45	-0.3	0.9	0.06
03.1.2 Garments	42	41	-0.3	0.9	0.05
03.1.3 Other clothing and clothing accessories	4	3	-0.8	1.9	0.01
03.1.4 Cleaning, repair and hire of clothing	1	1	0.2	0.1	-

- Large upward effect on the all items 12-month rate change.
- Due to **garments** and, to a lesser extent, **other clothing and clothing accessories**, where prices overall rose this year but fell a year ago, especially for women's formal trousers.

03.2 Footwear including repairs	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Oct 2018	1 month % change Oct 2019	Contribution to CPIH annual rate change
03.2 Footwear including repairs	10	9	-1.3	1.3	0.03

- Small upward effect on the all items 12-month rate change.
- Prices rose this year but fell a year ago, particularly for women's branded trainers.

04 HOUSING, WATER, ELECTRICITY, GAS AND OTHER FUELS	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Oct 2018	1 month % change Oct 2019	Contribution to CPIH annual rate change
04 Housing, water, electricity, gas and other fuels	301	298	0.3	-0.3	-0.18

- Largest downward effect on the all items 12-month rate change.
- Due to **electricity, gas and other fuels**.

04.1 Actual rentals for housing	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Oct 2018	1 month % change Oct 2019	Contribution to CPIH annual rate change
04.1 Actual rentals for housing	69	69	-	0.1	-

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

04.2 Owner occupiers' housing costs	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Oct 2018	1 month % change Oct 2019	Contribution to CPIH annual rate change
04.2 Owner occupiers' housing costs	169	165	0.1	0.1	0.01

- Small upward effect on the all items 12-month rate change.
- **Owner occupiers' housing costs** rose both this year and a year ago but changes to the item weight resulted in a small upward effect.

04.3 Regular maintenance and repair of the dwelling	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Oct 2018	1 month % change Oct 2019	Contribution to CPIH annual rate change
04.3 Regular maintenance and repair of the dwelling	2	3	-0.2	-0.1	-
04.3.1 Materials for maintenance and repair	1	1	-0.4	-0.8	-
04.3.2 Services for maintenance and repair	1	2	-	0.2	-

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

04.4 Other services related to the dwelling	Weight	Weight	1 month	1 month	Contribution to CPIH annual rate change
	2018	2019	% change	% change	
	Feb-Dec	Feb-Dec	Oct 2018	Oct 2019	
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.

04.5 Electricity, gas and other fuels	Weight	Weight	1 month	1 month	Contribution to CPIH annual rate change
	2018	2019	% change	% change	
	Feb-Dec	Feb-Dec	Oct 2018	Oct 2019	
04.5 Electricity, gas and other fuels	27	26	2.3	-4.4	-0.19
04.5.1 Electricity	13	14	2.0	-2.2	-0.06
04.5.2 Gas	12	10	2.0	-8.7	-0.12
04.5.3 Liquid fuels	1	1	7.2	3.7	-
04.5.4 Solid fuels	1	1	3.7	1.4	-

- Large downward effect on the all items 12-month rate change.
- Due to **gas** and **electricity**, where charges overall fell this year but rose a year ago.

04.9 Council Tax and rates	Weight	Weight	1 month	1 month	Contribution to CPIH annual rate change
	2018	2019	% change	% change	
	Feb-Dec	Feb-Dec	Oct 2018	Oct 2019	
04.9 Council Tax and rates	25	26	-	-	-

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

05 FURNITURE, HOUSEHOLD EQUIPMENT AND MAINTENANCE	Weight	Weight	1 month	1 month	Contribution to CPIH annual rate change
	2018	2019	% change	% change	
	Feb-Dec	Feb-Dec	Oct 2018	Oct 2019	
05 Furniture, household equipment and maintenance	48	53	-0.1	-1.1	-0.06

- Large downward effect on the all items 12-month rate change.
- Due to **furniture, furnishings and carpets; household textiles; household appliances, fitting and repairs; and tools and equipment for house and garden.**

05.1 Furniture, furnishings and carpets	Weight	Weight	1 month	1 month	Contribution to CPIH annual rate change
	2018	2019	% change	% change	
	Feb-Dec	Feb-Dec	Oct 2018	Oct 2019	
05.1 Furniture, furnishings and carpets	18	22	-1.2	-2.1	-0.03
05.1.1 Furniture and furnishings	14	15	-1.5	-2.4	-0.02
05.1.2 Carpets and other floor coverings	4	7	-0.3	-1.3	-0.01

- Small downward effect on the all items 12-month rate change.
- Due to **furniture and furnishings** and **carpets and other floor coverings**.

Furniture and furnishings

- Small downward effect.
- Prices overall fell this year by more than a year ago, with the main downward contributions coming from leather settees.

Carpets and other floor coverings

- Small downward effect.
- Prices overall fell this year by more than a year ago.

05.2 Household textiles	Weight	Weight	1 month	1 month	Contribution to CPIH annual rate change
	2018	2019	% change	% change	
	Feb-Dec	Feb-Dec	Oct 2018	Oct 2019	
05.2 Household textiles	5	5	0.4	-2.7	-0.02

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

05.3 Household appliances, fitting and repairs	Weight	Weight	1 month	1 month	Contribution to CPIH annual rate change
	2018	2019	% change	% change	
	Feb-Dec	Feb-Dec	Oct 2018	Oct 2019	
05.3 Household appliances, fitting and repairs	7	8	1.2	0.3	-0.01
05.3.1/2 Major appliances and small electric goods	6	7	1.4	0.4	-0.01
05.3.3 Repair of household appliances	1	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 rose this year by less than a year ago.

05.4 Glassware, tableware and household utensils	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Oct 2018	1 month % change Oct 2019	Contribution to CPIH annual rate change
05.4 Glassware, tableware and household utensils	4	4	0.1	-0.2	-

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

05.5 Tools and equipment for house and garden	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Oct 2018	1 month % change Oct 2019	Contribution to CPIH annual rate change
05.5 Tools and equipment for house and garden	4	5	1.5	-0.2	-0.01

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

05.6 Goods and services for routine maintenance	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Oct 2018	1 month % change Oct 2019	Contribution to CPIH annual rate change
05.6 Goods and services for routine maintenance	10	9	-	-	-
05.6.1 Non-durable household goods	4	3	-0.6	-0.3	-
05.6.2 Domestic services and household services	6	6	0.4	0.1	-

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

06 HEALTH	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Oct 2018	1 month % change Oct 2019	Contribution to CPIH annual rate change
06 Health	21	22	-0.3	-0.3	-

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

06.1 Medical products, appliances and equipment	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Oct 2018	1 month % change Oct 2019	Contribution to CPIH annual rate change
06.1 Medical products, appliances and equipment	9	9	-0.2	-0.4	-
06.1.1 Pharmaceutical products	5	5	-0.3	-0.8	-
06.1.2/3 Other medical and therapeutic equipment	4	4	-0.2	0.2	-

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

06.2 Out-patient services	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Oct 2018	1 month % change Oct 2019	Contribution to CPIH annual rate change
06.2 Out-patient services	7	8	0.1	0.1	-
06.2.1/3 Medical and paramedical services	4	5	0.1	0.2	-
06.2.2 Dental services	3	3	-	0.1	-

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

06.3 Hospital services	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Oct 2018	1 month % change Oct 2019	Contribution to CPIH annual rate change
06.3 Hospital Services	5	5	-0.9	-0.9	-

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

07 TRANSPORT	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Oct 2018	1 month % change Oct 2019	Contribution to CPIH annual rate change
07 Transport	124	123	-0.4	-0.2	0.02

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

07.1 Purchase of vehicles	Weight	Weight	1 month	1 month	Contribution to CPIH annual rate change
	2018	2019	% change	% change	
	Feb-Dec	Feb-Dec	Oct 2018	Oct 2019	
07.1 Purchase of vehicles	38	37	-	0.2	0.01
07.1.1A New cars	22	21	-0.2	0.4	0.01
07.1.1B Second-hand cars	14	14	0.4	-0.2	-0.01
07.1.2/3 Motorcycles and bicycles	2	2	-0.7	1.0	-

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

07.2 Operation of personal transport equipment	Weight	Weight	1 month	1 month	Contribution to CPIH annual rate change
	2018	2019	% change	% change	
	Feb-Dec	Feb-Dec	Oct 2018	Oct 2019	
07.2 Operation of personal transport equipment	58	60	0.4	-0.1	-0.03
07.2.1 Spare parts and accessories	4	4	0.5	0.6	-
07.2.2 Fuels and lubricants	25	24	0.7	-0.5	-0.03
07.2.3 Maintenance and repairs	19	20	0.1	0.1	-
07.2.4 Other services	10	12	0.3	0.1	-

- Small 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 0.8 pence per litre between September and October 2019, to stand at 126.5 pence per litre. Compared with a rise by 0.4 pence per litre a year earlier, to stand at 130.7 pence per litre.
- The average price of diesel fell by 0.4 pence per litre between September and October 2019 to stand at 131.4 pence per litre, compared with a rise of 1.8 pence per litre a year earlier, to stand at 136.1 pence per litre.

07.3 Transport services	Weight	Weight	1 month	1 month	Contribution to CPIH annual rate change
	2018	2019	% change	% change	
	Feb-Dec	Feb-Dec	Oct 2018	Oct 2019	
07.3 Transport services	28	26	-2.5	-0.9	0.05
07.3.1 Passenger transport by railway	11	11	-1.4	-0.3	0.01
07.3.2 Passenger transport by road	10	9	-0.8	-0.7	-
07.3.3 Passenger transport by air	4	4	-5.0	-1.1	0.02
07.3.4 Passenger transport by sea and inland waterway	3	2	-8.1	-5.5	0.01

- Large upward effect on the all items 12-month rate change.
- There were small upward contributions from **passenger transport by air**, **passenger transport by railway** and **passenger transport by sea and inland waterway**, where ticket prices fell by less than a year ago.

Passenger transport by railway

- Small upward effect.
- Average charges for international rail journeys fell this year by less than a year ago.

Passenger transport by air

- Small upward effect.
- Average air fares fell this year by less than a year ago, with small upward contributions coming from European and long-haul.

Passenger transport by sea and inland waterway

- Small upward effect.
- Average sea fares fell this year by less than a year ago, particularly for international routes.

08 COMMUNICATION	Weight	Weight	1 month	1 month	Contribution to CPIH annual rate change
	2018	2019	% change	% change	
	Feb-Dec	Feb-Dec	Oct 2018	Oct 2019	
08 Communication	20	20	0.7	0.1	-0.01

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

08.1 Postal services	Weight	Weight	1 month	1 month	Contribution to CPIH annual rate change
	2018	2019	% change	% change	
	Feb-Dec	Feb-Dec	Oct 2018	Oct 2019	
08.1 Postal services	1	1	-	-	-

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

08.2/3 Telephone equipment and services	Weight	Weight	1 month	1 month	Contribution to CPIH annual rate change
	2018	2019	% change	% change	
	Feb-Dec	Feb-Dec	Oct 2018	Oct 2019	
08.2/3 Telephone equipment and services	19	19	0.8	0.1	-0.01

- Small downward effect on the all items 12-month rate change.
- Overall prices rose this year by less than a year ago, with the main downward contribution from bundled telecommunication services and telephone charges, partially offset by mobile phone applications and mobile phone charges.

09 RECREATION AND CULTURE	Weight	Weight	1 month	1 month	Contribution to CPIH annual rate change
	2018	2019	% change	% change	
	Feb-Dec	Feb-Dec	Oct 2018	Oct 2019	
09 Recreation and culture	120	127	0.7	0.4	-0.04

- Large downward effect on the all items 12-month rate change.
- Due to **recreational and cultural services; books, newspapers and stationery; and other recreational items, gardens and pets.**
- Partially offset by **package holidays.**

09.1 Audio-visual equipment and related products	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Oct 2018	1 month % change Oct 2019	Contribution to CPIH annual rate change
09.1 Audio-visual equipment and related products	14	17	0.7	0.7	-
09.1.1 Equipment for the reception and reproduction of sound and pictures	4	4	0.1	0.9	-
09.1.2 Photographic, cinematographic and optical equipment	1	2	-1.6	-1.8	-
09.1.3 Data processing equipment	5	7	2.1	2.1	-
09.1.4 Recording media	3	3	0.2	-0.5	-
09.1.5 Repair of audio-visual equipment and related products	1	1	0.2	-	-

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

09.2 Other major durables for recreation and culture	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Oct 2018	1 month % change Oct 2019	Contribution to CPIH annual rate change
09.2.1/2 Major durables for in/outdoor recreation	14	14	0.7	0.6	-

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

09.3 Other recreational items, gardens and pets	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Oct 2018	1 month % change Oct 2019	Contribution to CPIH annual rate change
09.3 Other recreational items, gardens and pets	29	30	1.4	0.7	-0.02
09.3.1 Games, toys and hobbies	17	18	2.3	1.0	-0.02
09.3.2 Equipment for sport and open-air recreation	2	2	-0.1	0.3	-
09.3.3 Gardens, plants and flowers	3	3	-0.1	0.2	-
09.3.4/5 Pets, related products and services	7	7	0.2	0.1	-

- Small downward effect on the all items 12-month rate change.
- Due to **games, toys and hobbies**, where prices overall rose this year by less than a year ago, with the main downward contributions coming from computer game consoles, computer game downloads, and computer games purchased over the internet. Partially offset by small upward contributions coming from shop-bought computer games.

09.4 Recreational and cultural services	Weight	Weight	1 month	1 month	Contribution to CPIH annual rate change
	2018	2019	% change	% change	
	Feb-Dec	Feb-Dec	Oct 2018	Oct 2019	
09.4 Recreational and cultural services	23	22	0.4	-0.3	-0.02
09.4.1 Recreational and sporting services	7	6	-0.2	-0.6	-
09.4.2 Cultural services	16	16	0.6	-0.2	-0.01

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

Cultural services

- Small downward effect.
- Charges overall fell this year but rose a year ago, with the main downward contributions coming from admission charges for theatres and cultural events. Partially offset by live music events.

09.5 Books, newspapers and stationery	Weight	Weight	1 month	1 month	Contribution to CPIH annual rate change
	2018	2019	% change	% change	
	Feb-Dec	Feb-Dec	Oct 2018	Oct 2019	
09.5 Books, newspapers and stationery	9	10	1.2	-0.6	-0.02
09.5.1 Books	3	3	1.7	-3.8	-0.02
09.5.2 Newspapers and periodicals	3	3	1.2	0.3	-
09.5.3/4 Misc. printed matter, stationery, drawing materials	3	4	0.6	1.1	-

- Small downward effect on the all items 12-month rate change. Prices overall fell this year but rose a year ago, with the largest downward contribution coming from eBooks.

09.6 Package holidays	Weight	Weight	1 month	1 month	Contribution to CPIH annual rate change
	2018	2019	% change	% change	
	Feb-Dec	Feb-Dec	Oct 2018	Oct 2019	
09.6 Package holidays	31	34	0.3	0.6	0.01

- Small upward effect on the all items 12-month rate change.
- Prices overall rose this year by more than a year ago with the main upward contribution coming from late booked foreign holidays, partially offset by foreign hotel holidays.

10 EDUCATION	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Oct 2018	1 month % change Oct 2019	Contribution to CPIH annual rate change
10 Education	18	18	2.1	1.7	-0.01

- Small downward effect on the all items 12-month rate change.
- Charges overall rose this year this year by less than a year ago.

11 RESTAURANTS AND HOTELS	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Oct 2018	1 month % change Oct 2019	Contribution to CPIH annual rate change
11 Restaurants and hotels	97	97	-0.2	-0.2	-0.01

- Small downward effect on the all items 12-month rate change.
- Due to **accommodation services**, partially offset by **catering services**.

11.1 Catering services	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Oct 2018	1 month % change Oct 2019	Contribution to CPIH annual rate change
11.1 Catering services	75	76	0.1	0.2	0.01
11.1.1 Restaurants and cafes	69	70	0.1	0.2	0.01
11.1.2 Canteens	6	6	0.4	0.1	-

- Small upward effect on the all items 12-month rate change.
- Prices rose this year by more than a year ago, particularly for **restaurants and cafes**.

11.2 Accommodation services	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Oct 2018	1 month % change Oct 2019	Contribution to CPIH annual rate change
11.2 Accommodation services	22	21	-1.1	-1.8	-0.02

- Small downward effect on the all items 12-month rate change.
- Average charges overall fell this year by more than a year ago.

12 MISCELLANEOUS GOODS AND SERVICES	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Oct 2018	1 month % change Oct 2019	Contribution to CPIH annual rate change
12 Misc. goods and services	77	74	-0.1	-	0.01

- Small upward effect on the all items 12-month rate change.
- Due to **insurance** and **personal care**.

12.1 Personal care	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Oct 2018	1 month % change Oct 2019	Contribution to CPIH annual rate change
12.1 Personal care	25	24	0.4	0.6	0.01
12.1.1 Hairdressing and personal grooming establishments	6	6	-0.2	-0.5	-
12.1.2/3 Appliances and products for personal care	19	18	0.5	0.9	0.01

- 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 by more than a year ago, with the main upward contribution coming from toilet rolls and body moisturising lotion.

12.3 Personal effects not elsewhere covered	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Oct 2018	1 month % change Oct 2019	Contribution to CPIH annual rate change
12.3 Personal effects not elsewhere covered	12	15	-1.0	-0.9	-
12.3.1 Jewellery, clocks and watches	8	10	-1.3	-1.0	-
12.3.2 Other personal effects	4	5	-0.5	-0.9	-

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

12.4 Social protection	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Oct 2018	1 month % change Oct 2019	Contribution to CPIH annual rate change
12.4 Social protection	14	13	0.2	0.2	-

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

12.5 Insurance	Weight	Weight	1 month	1 month	Contribution to CPIH annual rate change
	2018	2019	% change	% change	
	Feb-Dec	Feb-Dec	Oct 2018	Oct 2019	
12.5 Insurance	7	5	-1.2	-0.2	0.01
12.5.2 House contents insurance	2	1	-1.4	-0.8	-
12.5.3 Health insurance	2	2	-0.7	-1.1	-
12.5.4 Transport insurance	3	2	-1.5	0.9	0.01

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

12.6 Financial services not elsewhere covered	Weight	Weight	1 month	1 month	Contribution to CPIH annual rate change
	2018	2019	% change	% change	
	Feb-Dec	Feb-Dec	Oct 2018	Oct 2019	
12.6 Financial services not elsewhere covered	9	8	-0.2	-0.3	-

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

12.7 Other services not elsewhere covered	Weight	Weight	1 month	1 month	Contribution to CPIH annual rate change
	2018	2019	% change	% change	
	Feb-Dec	Feb-Dec	Oct 2018	Oct 2019	
12.7 Other services not elsewhere covered	10	9	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

GROUPS	Weight 2018	Weight Jul 2019 onwards	1 month % change Oct 2018	1 month % change Oct 2019	Contribution to RPI annual rate change
FOOD	102	101	-0.3	-0.4	-
CATERING	50	49	0.3	0.3	-0.01
ALCOHOLIC DRINKS	56	59	-0.2	0.3	0.03
TOBACCO	23	23	0.3	0.1	-0.01
HOUSING	257	258	0.4	-0.1	-0.13
FUEL AND LIGHT	37	35	2.2	-4.4	-0.25
HOUSEHOLD GOODS	68	68	-0.2	-1.1	-0.06
HOUSEHOLD SERVICES	58	62	0.4	0.1	-0.02
CLOTHING AND FOOTWEAR	43	39	-0.2	1.0	0.05
PERSONAL GOODS AND SERVICES	42	43	-0.2	-0.2	-
MOTORING EXPENDITURE	124	125	0.1	0.2	0.01
FARES AND OTHER TRAVEL COSTS	25	28	-2.8	-0.7	0.05
LEISURE GOODS	30	24	1.1	-0.3	-0.04
LEISURE SERVICES	85	86	0.2	0.2	-

RPI NOTABLE MOVEMENTS

All items RPI	Annual rate +2.1%, down from +2.4% last month Lowest since October 2016 (+2.0%)
All items RPI excl. MIPS (RPIX)	Annual rate +2.1%, down from +2.4% last month Lowest since August 2016 (+1.9%)
Non-seasonal food	Annual rate +2.1%, up from +1.4% last month Highest since August 2018 (+2.3%)
Seasonal food	Annual rate -1.1%, down from +2.1% last month Lowest since October 2016 (-1.4%)
Alcoholic drinks	Annual rate +2.2%, up from +1.6% last month Highest since April 2018 (+2.4%)
Tobacco	Annual rate +5.3%, down from +5.5% last month Also +5.3% in November 2017 and October 2017 Last lower in August 2017 (+4.9%)
Housing	Annual rate +1.6%, down from +2.1% last month Also +1.6% in October 2013 and April 2012 Last lower in March 2012 (+1.3%)
Fuel and light	Annual rate -2.2%, down from +4.4% last month Lowest since August 2016 (-2.9%)
Clothing and footwear	Annual rate +6.0%, up from +4.8% last month Highest since August 2018 (+6.3%)
All goods	Annual rate +1.6%, down from +1.8% last month Lowest since October 2016 (+0.9%)
All services	Annual rate +2.8%, down from +3.2% last month Lowest since March 2019 (+2.7%)
Petrol and oil	Annual rate -2.8%, down from -1.8% last month Lowest since August 2016 (-4.5%)

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.

FOOD	Weight 2018	Weight Jul 2019 onwards	1 month % change Oct 2018	1 month % change Oct 2019	Contribution to RPI annual rate change
FOOD	102	101	-0.3	-0.4	-

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

Seasonal Food	Weight 2018	Weight Jul 2019 onwards	1 month % change Oct 2018	1 month % change Oct 2019	Contribution to RPI annual rate change
SEASONAL FOOD	18	18	1.6	-1.6	-0.06
Home killed lamb	1	1	1.7	-1.5	-
Fresh fish	2	2	0.5	-2.5	-0.01
Eggs	1	1	0.2	-0.3	-
Unprocessed potatoes	1	1	1.3	-6.7	-0.01
Other fresh vegetables	6	6	0.9	-2.7	-0.02
Fresh fruit	7	7	2.8	0.3	-0.02

- Large downward effect on the all items 12-month rate change.
- Due to:
 - Other fresh vegetables, fresh fish, and unprocessed potatoes**, where prices overall fell this year but rose a year ago, with the main upward contribution coming from potatoes; onions and tomatoes, partially offset by iceberg lettuce; and
 - Fresh fruit**, where prices overall rose this year by less than a year ago, particularly for plums and grapes, partially offset by strawberries, which rose in price by more than a year ago.

Non-Seasonal Food	Weight 2018	Weight Jul 2019 onwards	1 month % change Oct 2018	1 month % change Oct 2019	Contribution to RPI annual rate change
NON-SEASONAL FOOD	84	83	-0.8	-	0.05
Bread	4	3	-	-0.5	-
Cereals	3	3	0.9	1.6	-
Biscuits and cakes	6	6	-0.5	2.2	0.02
Beef	3	3	-0.6	-	-
Imported lamb	1	1	-4.2	-0.6	-
Pork	1	1	-	-0.5	-
Bacon	1	1	0.9	-1.3	-
Poultry	4	4	-0.6	0.6	-
Other meat	6	6	-1.4	-1.3	-
Processed fish	2	2	0.4	0.5	-
Butter	1	1	-0.6	1.9	-
Oils and fats	1	1	-7.5	-1.4	0.01
Cheese	3	3	-0.5	-0.2	-
Milk, fresh	3	3	-0.4	-0.5	-
Milk products	4	4	-3.9	-1.3	0.01
Tea	1	1	1.5	3.2	-
Soft drinks	8	9	-1.3	-0.8	-
Sugar and preserves	1	1	-5.1	-1.6	-
Sweets and chocolates	11	11	-0.7	-1.6	-0.01
Potato products	3	3	1.1	-2.1	-0.01
Processed vegetables	2	2	-0.3	1.2	-
Processed fruit	2	1	2.2	-0.8	-0.01
Other foods	11	11	0.1	1.8	0.02
Coffee and other hot drinks	2	2	-1.5	-0.4	-

- Large upward effect on the all items 12-month rate change.
- Due to:
 - **Biscuits and cakes**, where prices overall rose this year but fell a year ago, with the main upward contribution coming from chocolate biscuits;
 - **Oils and fats** and **milk products** where prices overall fell this year but by more than a year ago, with the main upward contributions coming from margarine/low fat spread, and yogurt/fromage frais; and
 - **Other foods**, where prices overall rose this year by more than a year ago, with the main upward contributions coming from dried potted snacks and mayonnaise. Partially offset by small downward contributions coming from chilled pizzas and chocolate covered ice cream bars, where prices overall fell this year but rose a year ago.
- Partially offset by:
 - **Sweets and chocolates**, where prices fell this year by more than a year ago with the main downward contribution coming from large chocolate bars.

- **Potato products and processed fruits**, where prices overall fell this year but rose a year ago, with the main downward contributions coming from potato crisps and packet of peanuts.

CATERING	Weight 2018	Weight Jul 2019 onwards	1 month % change Oct 2018	1 month % change Oct 2019	Contribution to RPI annual rate change
CATERING	50	49	0.3	0.3	-0.01
Restaurant meals	30	29	0.4	0.3	-
Canteen meals	3	3	0.5	0.1	-
Take-away meals and snacks	17	17	0.2	0.2	-

- Small downward effect on the all items 12-month rate change.

ALCOHOLIC DRINKS	Weight 2018	Weight Jul 2019 onwards	1 month % change Oct 2018	1 month % change Oct 2019	Contribution to RPI annual rate change
ALCOHOLIC DRINKS	56	59	-0.2	0.3	0.03
Beer on sales	18	19	-0.1	0.1	-
Beer off sales	5	6	-3.0	0.2	0.02
Wines and spirits on sales	19	19	-0.2	0.3	0.01
Wines and spirits off sales	14	15	0.6	0.7	-

- Small upward effect on the all items 12-month rate change.
- Due to **beers off sales** and **wines and spirits on sales**, where prices overall rose this year but fell a year ago, with the main upward contributions coming from lager.

TOBACCO	Weight 2018	Weight Jul 2019 onwards	1 month % change Oct 2018	1 month % change Oct 2019	Contribution to RPI annual rate change
TOBACCO	23	23	0.3	0.1	-0.01
Cigarettes	19	18	0.3	0.1	-
Other tobacco products	4	5	0.5	0.2	-

- Small downward effect on the all items 12-month rate change.

HOUSING	Weight 2018	Weight Jul 2019 onwards	1 month % change Oct 2018	1 month % change Oct 2019	Contribution to RPI annual rate change
HOUSING	257	258	0.4	-0.1	-0.13
Rent	76	75	-	0.1	-
Mortgage interest payments	24	25	3.2	-0.3	-0.08
Council Tax and rates	38	39	-	-	-
Water and other charges	12	12	-	-	-
Repairs and maintenance charges	9	10	-	0.3	-
DIY materials	8	7	-	-0.5	-
Dwelling insurance and ground rent	7	6	0.1	-0.8	-0.01
House depreciation	83	84	0.5	-0.1	-0.04

- Large downward effect on the all items 12-month rate change.
- Due to:
 - **Mortgage interest payments**, where average charges fell this year but rose a year ago;
 - **Dwelling insurance and ground rent**, where prices overall fell this year but rose a year ago; and
 - **House depreciation**, with the smoothed house price index used to calculate this component falling this year but rising a year ago.

FUEL AND LIGHT	Weight 2018	Weight Jul 2019 onwards	1 month % change Oct 2018	1 month % change Oct 2019	Contribution to RPI annual rate change
FUEL AND LIGHT	37	35	2.2	-4.4	-0.25
Coal and solid fuels	1	1	3.8	1.5	-
Electricity	20	17	1.9	-2.1	-0.08
Gas	15	14	2.0	-8.9	-0.17
Oil and other fuels	1	3	6.6	2.8	-

- Largest downward effect on the all items 12-month rate change.
- Due to **gas** and **electricity**, where average charges fell this year but rose a year ago.

HOUSEHOLD GOODS	Weight 2018	Weight Jul 2019 onwards	1 month % change Oct 2018	1 month % change Oct 2019	Contribution to RPI annual rate change
HOUSEHOLD GOODS	68	68	-0.2	-1.1	-0.06
Furniture	28	27	-1.4	-2.4	-0.03
Furnishings	9	9	-	-1.5	-0.01
Electrical appliances	7	7	2.3	0.4	-0.01
Other household equipment	4	5	-	-0.5	-
Household consumables	11	11	0.2	0.3	-
Pet care	9	9	0.9	0.2	-0.01

- Large downward effect on the all items 12-month rate change.
- Due to:
 - **Furniture**, where prices overall fell this year by more than a year ago, with the main downward contributions coming from leather settees and kitchen wall units;
 - **Furnishings**, where prices overall fell this year but where little changes a year ago; and
 - **Electrical appliances** and **pet care**, where prices overall rose this year by less than a year ago, with the main downward contributions coming from smart phone handsets and dry dog food.

HOUSEHOLD SERVICES	Weight 2018	Weight Jul 2019 onwards	1 month % change Oct 2018	1 month % change Oct 2019	Contribution to RPI annual rate change
HOUSEHOLD SERVICES	58	62	0.4	0.1	-0.02
Domestic services	13	14	0.2	0.2	-
Fees and subscriptions	19	23	0.5	-	-0.01
Postage	1	1	-	-	-
Telephone charges	25	24	0.4	0.1	-0.01

- Small downward effect on the all items 12-month rate change.
- Due to:
 - **Fees and subscriptions**, where average prices were little changed this year but rose a year ago; and
 - **Telephone charges**, where prices rose this year by less than a year ago with the main downward contributions coming from bundled telecommunication services and telephone charges, partially offset by mobile phone applications and mobile phone charges.

CLOTHING AND FOOTWEAR	Weight 2018	Weight Jul 2019 onwards	1 month % change Oct 2018	1 month % change Oct 2019	Contribution to RPI annual rate change
CLOTHING AND FOOTWEAR	43	39	-0.2	1.0	0.05
Men's outerwear	9	8	-0.1	0.9	0.01
Women's outerwear	16	14	-0.1	0.8	0.02
Children's outerwear	5	4	0.9	1.7	-
Other clothing	5	5	0.1	0.7	-
Footwear	8	8	-1.0	1.2	0.02

- Large upward effect on the all items 12-month rate change.
- Due to **women's outerwear**, **footwear** and **men's outerwear**, where prices overall rose this year but fell a year ago.

PERSONAL GOODS AND SERVICES	Weight 2018	Weight Jul 2019 onwards	1 month % change Oct 2018	1 month % change Oct 2019	Contribution to RPI annual rate change
PERSONAL GOODS AND SERVICES	42	43	-0.2	-0.2	-
Personal articles	11	11	-0.6	-0.7	-
Chemists' goods	15	16	0.2	0.3	-
Personal services	16	16	-0.3	-0.4	-

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

MOTORING EXPENDITURE	Weight 2018	Weight Jul 2019 onwards	1 month % change Oct 2018	1 month % change Oct 2019	Contribution to RPI annual rate change
MOTORING EXPENDITURE	124	125	0.1	0.2	0.01
Purchase of motor vehicles	50	51	0.2	0.1	-0.01
Maintenance of motor vehicles	16	17	0.2	0.2	-
Petrol and oil	34	35	0.5	-0.5	-0.04
Vehicle tax and insurance	24	22	-1.0	1.2	0.05

- Small upward effect on the all items 12-month rate change.
- Due to:
 - **Vehicle tax and insurance**, where average prices rose this year but fell a year ago, especially for car insurance.

Partially offset by:

- **Petrol and oil**, where average prices fell this year but rose a year ago. The price of petrol, as recorded for the RPI, fell by 0.9 pence per litre between September and October 2019, to stand at 126.9 pence per litre, compared with a rise of 0.5 pence per litre last year, to stand at 130.7 pence per litre. Diesel prices fell by 0.1 pence per litre, to stand at 131.8 pence per litre in October 2019, compared with a rise of 1.1 pence per litre last year, to stand at 135.4 pence per litre; and
- **Purchase of motor vehicles**, where prices rose this year by less than a year ago with the main downward contribution coming from second-hand cars, partially offset by a small upward contribution coming from new cars.

FARES AND OTHER TRAVEL COSTS	Weight 2018	Weight Jul 2019 onwards	1 month % change Oct 2018	1 month % change Oct 2019	Contribution to RPI annual rate change
FARES AND OTHER TRAVEL COSTS	25	28	-2.8	-0.7	0.05
Rail fares	6	7	-1.4	-0.3	0.01
Bus and coach fares	3	3	-2.0	-1.6	-
Other travel costs	16	18	-3.4	-0.7	0.05

- Largest upward effect on the all items 12-month rate change.
- Due to:
 - **Other travel costs**, where prices overall fell this year by less than a year ago, with the main upward contribution coming from air fares; and, to a lesser extent,
 - **Rail fares**, where prices fell by less than a year ago with the main upward contribution coming from international rail fares.

LEISURE GOODS	Weight 2018	Weight Jul 2019 onwards	1 month % change Oct 2018	1 month % change Oct 2019	Contribution to RPI annual rate change
LEISURE GOODS	30	24	1.1	-0.3	-0.04
Audio-visual equipment	6	4	1.4	1.5	-
CDs and tapes	2	1	0.2	-	-
Toys, photographic and sports goods	10	9	1.0	0.2	-0.01
Books and newspapers	6	5	2.3	-3.4	-0.03
Gardening products	6	5	-0.7	0.3	0.01

- Large downward effect on the all items 12-month rate change.

Due to:

- **Books and newspapers**, where prices overall fell this year but rose a year ago, particularly for eBooks; and
- **Toys, photographic and sports goods**, where prices overall rose this year by less than a year ago.
- Partially offset by a small upward contribution coming from **gardening products**, where prices overall rose this year but fell a year ago.

LEISURE SERVICES	Weight 2018	Weight Jul 2019 onwards	1 month % change Oct 2018	1 month % change Oct 2019	Contribution to RPI annual rate change
LEISURE SERVICES	85	86	0.2	0.2	-
TV licence and rentals	11	10	0.3	-	-
Entertainment and other recreation	16	16	0.2	-0.2	-0.01
Foreign holidays	47	47	0.3	0.8	0.03
UK holidays	11	13	-0.2	-1.2	-0.01

- Negligible overall effect on the all items 12-month rate change.
- There is small upward contribution coming from **foreign holidays**, where prices overall went up this year by more than a year ago, with the main upward contribution coming from late booked holidays, partially offset by foreign hotel holidays.
- This was offset by downward contributions coming from:
 - **Entertainment and other recreation**, where prices overall fell this year but rose a year ago; and
 - **UK holidays**, where prices overall fell this year by more than a year ago, with the downward contributions coming from holidays excluding self-catering and single overnight hotel stays.

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 as a measure of owner occupiers' housing costs 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 of the [Consumer price inflation dataset](#).

The difference between the CPIH and RPI unrounded annual rates in October 2019 was -0.61 percentage points, narrowing from -0.77 percentage points in September 2019.

The main factor contributing to the narrowing were:

- **Mortgage interest payments**, which decreased the RPI 12-month rate by 0.08 percentage points between September and October 2019 but are excluded from the CPIH.
- **Other housing components**, which decreased the RPI 12-month rate relative to the CPIH 12-month rate by 0.05 percentage points between September and October 2019. The effect mainly came from house depreciation.
- **The formula effect**, which overall decreased the RPI 12-month rate relative to the CPIH 12-month rate by 0.03 percentage points between September and October 2019.

RPI MISCELLANEOUS DATA

Selected Average Prices

Description		August 2019	September 2019	October 2019
Fuel per litre	Diesel	£1.33	£1.32	£1.32
	Petrol	£1.28	£1.28	£1.27
Alcohol pub prices	Draught bitter (pint)	£3.09	£3.11	£3.11
	Draught lager (pint)	£3.71	£3.72	£3.72
	Whisky (per nip)	£2.97	£2.98	£2.98
Cigarettes	Per 20 king size	£10.77	£10.77	£10.79

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
October 2018	+0.1	Down -0.06% points	-0.06% points
November 2018	0.0	Up +0.07% points	+0.07% points
December 2018	+0.4	Down -0.02% points	-0.02% points
January 2019	-0.9	Down -0.01% points	-0.01% points
February 2019	+0.7	Negligible	-
March 2019	0.0	Negligible	-
April 2019	+1.1	Down -0.01% points	-0.01% points
May 2019	+0.3	Down -0.01% points	-0.01% points
June 2019	+0.1	Negligible	-
July 2019	0.0	Down -0.02% points	-0.02% points
August 2019	+0.8	Negligible	-
September 2019	-0.2	Negligible	-
October 2019	-0.2	Negligible	-

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

- Except for 2013, season food prices tend to rise in November.

Monthly % change for CPIH seasonal food index			
Year	September	October	November
2013	1.1	-	-0.2
2014	-0.5	1.3	0.6
2015	0.4	0.2	0.8
2016	1.2	-0.2	1.2
2017	0.9	2.1	1.0
2018	0.6	1.9	0.6
2019	0.6	-1.5	

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

CLOTHING AND FOOTWEAR

- Historically prices for clothing and footwear have tended to rise in November. However there have been atypical price movements in this sector during 2015.

Monthly % change for CPIH clothing and footwear index			
Year	September	October	November
2013	4.2	1.0	0.7
2014	4.0	0.6	0.7
2015	2.8	2.0	-0.1
2016	5.1	0.3	1.4
2017	3.9	0.2	1.2
2018	3.1	-0.5	1.5
2019	3.0	1.0	

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

FURNITURE, HOUSEHOLD EQUIPMENT AND MAINTENANCE

- Prices have shown a mixed pattern of rises and falls in November of previous years.

Monthly % change for CPIH furniture, household equipment and maintenance index			
Year	September	October	November
2013	0.1	-0.4	-0.1
2014	0.6	-1.1	0.1
2015	0.7	-1.0	-0.2
2016	0.4	0.5	0.5
2017	0.2	-0.4	0.3
2018	-	-0.1	0.2
2019	1.1	-1.1	

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

TRANSPORT

Fuels and Lubricants

- Oil prices have fallen amid lingering uncertainty about the first phase of a trade deal between the United States and China undercut optimism over a trade relations thaw that had previously helped lift crude markets. Brent crude was down \$0.44, or 0.7%, to \$61.85 a barrel, while U.S. West Texas Intermediate (WTI) crude was down \$0.50, or 0.9%, to \$56.65 a barrel. (uk.reuters.com November 2019)
- When considering the price of petrol between October and November 2019, it may be useful to note that the average price of petrol fell by 2.6 pence per litre between October and November 2018, to stand at 128.1 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 fall in November.

Monthly % change for CPIH air fares index			
Year	September	October	November
2013	-18.8	-11.2	-8.1
2014	-21.7	-6.0	-12.3
2015	-20.4	-12.7	-13.0
2016	-24.2	-7.4	-13.4
2017	-26.7	-4.8	-10.4
2018	-27.3	-5.0	-12.1
2019	-33.0	-1.1	

- 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 was unchanged at 0.75% on Thursday 7 November 2019. The next announcement and minutes from the Bank of England's Monetary Policy Committee are scheduled to be published on 19 December 2019.
- The change in average mortgage interest rates recorded in the RPI was +0.07 percentage points between October and November 2018. The Bank of England Bank Rate remained unchanged at 0.75% in October 2018.
- 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.

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