

Consumer Price Inflation

July 2019

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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 July 2019 are:

- The all items CPIH is 108.0, up from 107.9 in June.
- The all items CPIH annual rate is 2.0%, up from 1.9% in June.
- The annual rate for CPIH excluding indirect taxes, CPIHY, is 1.9%, up from 1.8% last month.
- The OOH component of CPIH is 106.8, up from 106.7 in June.
- The OOH component annual rate is 1.2%, unchanged from last month.
- The CPIH all goods index is 105.1, down from 105.5 in June.
- The CPIH all goods index annual rate is 1.7%, up from 1.5% last month.
- The CPIH all services index is 110.1, up from 109.7 in June.
- 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 July 2019 are:

- The all items CPI is 107.9, unchanged from last month.
- The all items CPI annual rate is 2.1%, up from 2.0% in June.
- The annual rate for CPI excluding indirect taxes, CPIY, is 2.1%, up from 2.0% last month.
- The annual rate for CPI at constant tax rates, CPI-CT, is 2.0%, up from 1.9% last month.
- The CPI all goods index is 105.1, down from 105.5 in June.
- The CPI all goods index annual rate is 1.7%, up from 1.5% last month.
- The CPI all services index is 111.2, up from 110.6 in June.
- The CPI all services index annual rate is 2.5%, unchanged from last month.

Retail Prices Index (RPI)

An error was identified in the dataset underpinning the 2019 RPI weights covering the period February to June 2019. In line with the consumer price inflation statistics [revisions policy](#) RPI has not been revised. The corrected weights have been used in July 2019 RPI onwards. Users should note there will be a discontinuity between June's and July's index levels, which have been calculated using differing weights.

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 July 2019 are:

- The all items RPI is 289.5, down from 289.6 in June.
- The all items RPI annual rate is 2.8%, down from 2.9% last month.
- The annual rate for RPIX, the all items RPI excluding mortgage interest payments (MIPs), is 2.7%, down from 2.8% last month.
- The all goods RPI is 216.8, down from 218.3 in June.
- The all goods RPI annual rate is 2.2%, up from 2.0% last month.

- The all services RPI is 401.3, up from 399.0 in June.
- The all services RPI annual rate is 3.5%, down from 4.0% 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 Jul 2018	% change Jul 2019	
01: Food and non-alcoholic beverages	83	82	0.3	0.1	-0.02
02: Alcoholic beverages and tobacco	34	32	-0.2	-0.1	-
03: Clothing and footwear	57	54	-3.7	-2.9	0.05
04: Housing, water, electricity, gas and other fuels	301	298	0.2	0.1	-0.04
05: Furniture, household equipment and maintenance	48	53	-1.8	-1.7	-0.01
06: Health	21	22	0.1	0.1	-
07: Transport	124	123	1.3	0.4	-0.12
08: Communication	20	20	0.5	-	-0.01
09: Recreation and culture	120	127	0.5	1.1	0.08
10: Education	18	18	-	-	-
11: Restaurants and hotels	97	97	0.2	0.8	0.06
12: Miscellaneous goods and services	77	74	-0.8	-0.1	0.05

Large upward effects came from:

- Recreation and culture**, where within this group, the largest effect came from games, toys and hobbies (in particular from computer games and consoles) where prices overall rose by 8.4% between June and July 2019 compared with a rise of 4.1% between the same two months a year ago. Price movements for these items can often be relatively large depending on the composition of bestseller charts and the upward contribution between the latest two months follows a downward contribution, from computer games purchased online and games consoles, between May and June 2019;
- Restaurants and hotels**, with prices for accommodation services (particularly overnight hotel accommodation) rising by 3.1% between June and July this year compared with a 0.5% rise a year ago;

- **Clothing and footwear**, with prices falling by 2.9% between June and July 2019 compared with a larger fall of 3.7% between the same two months in 2018. The main upward effects came from footwear including repairs and garments; and
- **Miscellaneous goods and services**, where prices rose by 0.6% between June and July 2019 but fell by 4.2% between the same two months a year ago. The main upward effects came from banking services (not elsewhere covered), following the removal of initial charges for investment in some unit trusts in 2018.

Large downward effects came from:

- **Transport**, the price of transport services (particularly from air, international rail and sea fares) rose by 2.6% between June and July this year compared with a larger rise of 6.1% between the same two months a year ago. A smaller downward effect came from the operation of personal transport equipment where diesel pump prices fell by 2.3 pence per litre this year, to stand at 132.0 pence per litre, compared with a fall of 0.5 pence per litre a year ago. Petrol prices had little effect on the change in the 12-month rate where they fell by 0.9 pence per litre between June and July 2019, to stand at an average price of 127.3 pence per litre, compared with a fall of 0.8 pence per litre a year ago. There were further small downward contributions from the cost of car hire, repairs and roadside recovery which were partially offset by a small upward effect from second-hand cars; and
- **Housing and household services**, with prices rising by 0.1% between June and July 2019 compared with a larger rise of 0.2% between the same two months a year ago. Within this broad category, the downward effect came from electricity, gas and other fuels where prices overall rose by 1.3% last year but were little changed between June and July 2019.

Small downward effects came from:

- **Food and non-alcoholic beverages**, where prices rose by 0.1% between June and July 2019 but rose by 0.3% between the same two months a year ago. The downward movements came from milk, cheese and eggs; mineral waters, soft drinks and juices; meat; and sugar, jam, syrups, chocolate and confectionery, partially offset by small upward contributions from fish; and vegetables;
- **Furniture, household equipment and maintenance**, where prices overall fell by 1.7% between June and July 2019 compared with a fall of 1.8% between the same two months a year ago; and
- **Communication**, where prices rose by 0.5% between June and July 2018 but were unchanged this year.

CPIH NOTABLE MOVEMENTS

All items CPIH	Annual rate +2.0%, up from +1.9% last month Also +2.0% in April 2019 and December 2018 Last higher in November 2018 (+2.2%)
All items CPIH excl. energy, food, alcohol and tobacco	Annual rate +1.9%, up from +1.7% last month Also +1.9% in August 2018 Last higher in May 2018 (+2.0%)
Clothing and footwear	Annual rate +0.4%, up from -0.4% last month Also +0.4% in June 2018 Last higher in May 2018 (+1.5%)
Transport	Annual rate +1.3%, down from +2.3% last month Lowest since September 2016 (+1.2%)
Restaurants and hotels	Annual rate +3.1, up from +2.5% last month Also +3.1% in December 2018, January 2018 and December 2017 Last higher in November 2017 (+3.2%)
Miscellaneous goods and services	Annual rate +1.7%, up from +1.1% last month Highest since August 2017 (+2.0%)
All goods	Annual rate +1.7%, up from +1.5% last month Highest since December 2018 (+1.8%)
All services	Annual rate +2.2%, unchanged from last month Also +2.2% in Mar 2019, Feb 2019 and Jan 2019 Last higher in May 2019 (+2.3%) Last lower in December 2018 (+2.1%)
Fuels and lubricants	Annual rate +0.2%, down from +0.7% last month Lowest since August 2016 (-2.6%)

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 Jul 2018	1 month % change Jul 2019	Contribution to CPIH annual rate change
01 Food & non-alcoholic beverages	83	82	0.3	0.1	-0.02

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

01.1 Food	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Jul 2018	1 month % change Jul 2019	Contribution to CPIH annual rate change
01.1 Food	73	72	0.2	0.1	-0.01
01.1.1 Bread and cereals	12	12	0.3	0.6	-
01.1.2 Meat	16	15	0.1	-0.3	-0.01
01.1.3 Fish	3	3	-1.7	1.1	0.01
01.1.4 Milk, cheese and eggs	9	9	1.1	-0.1	-0.01
01.1.5 Oils and fats	2	2	4.2	3.0	-
01.1.6 Fruit	8	8	-0.7	-0.9	-
01.1.7 Vegetables including potatoes	10	11	-0.1	0.5	0.01
01.1.8 Sugar, jam, syrups, chocolate and confectionery	11	10	0.4	-0.2	-0.01
01.1.9 Food products not elsewhere covered	2	2	0.4	0.3	-

- Small downward effect on the all items 12-month rate change.
- Due to **meat; milk, cheese and eggs; and sugar, jam, syrups, chocolate and confectionery**.
- Partially offset by **fish and vegetables including potatoes**.

Meat

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

Fish

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

Milk, cheese and eggs

- Small downward effect.
- Prices overall fell this year but rose a year ago, particularly for yoghurt/fromage frais.

Vegetables including potatoes

- Small upward effect.
- Prices overall rose this year but fell a year ago, particularly for premium potato crisps. Partially offset by a small downward contribution coming from multi-packs of potato crisps, where prices fell this year but rose a year ago.

Sugar, jam, syrups, chocolate and confectionery

- Small downward effect.
- Prices overall fell this year but rose a year ago, with the main downward contribution coming from cartons/boxes of chocolates. Partially offset by a small upward contribution coming from chocolate covered ice cream bars, where prices rose this year but fell a year ago.

01.2 Non-alcoholic beverages	Weight	Weight	1 month	1 month	Contribution to CPIH annual rate change
	2018 Feb-Dec	2019 Feb-Dec	% change Jul 2018	% change Jul 2019	
01.2 Non-alcoholic beverages	10	10	0.3	-0.1	-
01.2.1 Coffee, tea and cocoa	3	3	-0.3	0.5	-
01.2.2 Mineral waters, soft drinks and juices	7	7	0.6	-0.4	-0.01

- Negligible overall effect on the all items 12-month rate change.
- There was a small downward effect coming from **mineral waters, soft drinks and juices**, where prices overall fell this year but rose a year ago, with the main downward contribution coming from bottled cola flavoured drinks.

02 ALCOHOLIC BEVERAGES AND TOBACCO	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Jul 2018	1 month % change Jul 2019	Contribution to CPIH annual rate change
02 Alcoholic beverages and tobacco	34	32	-0.2	-0.1	-

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

02.1 Alcoholic Beverages	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Jul 2018	1 month % change Jul 2019	Contribution to CPIH annual rate change
02.1 Alcoholic beverages	16	15	-0.7	-0.3	0.01
02.1.1 Spirits	5	4	-0.9	-1.4	-
02.1.2 Wine	7	7	-1.6	-0.4	0.01
02.1.3 Beer	4	4	1.1	0.9	-

- Small upward effect on the all items 12-month rate change.
- Due to **wine**, where prices overall fell this year by less than a year ago.

02.2 Tobacco	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Jul 2018	1 month % change Jul 2019	Contribution to CPIH annual rate change
02.2 Tobacco	18	17	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 Jul 2018	1 month % change Jul 2019	Contribution to CPIH annual rate change
03 Clothing and footwear	57	54	-3.7	-2.9	0.05

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

03.1 Clothing	Weight	Weight	1 month	1 month	Contribution to CPIH annual rate change
	2018	2019	% change	% change	
	Feb-Dec	Feb-Dec	Jul 2018	Jul 2019	
03.1 Clothing	47	45	-3.5	-3.1	0.02
03.1.2 Garments	42	41	-3.9	-3.3	0.02
03.1.3 Other clothing and clothing accessories	4	3	-0.9	-1.5	-
03.1.4 Cleaning, repair and hire of clothing	1	1	0.4	0.1	-

- Small upward effect on the all items 12-month rate change.
- Due to **garments**, where prices overall fell this year by less than a year ago, with the main upward contributions coming from children's school trousers and women's showerproof jackets. Partially offset by a small downward contribution from women's long-sleeved tops, where prices fell this year but rose a year ago.

03.2 Footwear including repairs	Weight	Weight	1 month	1 month	Contribution to CPIH annual rate change
	2018	2019	% change	% change	
	Feb-Dec	Feb-Dec	Jul 2018	Jul 2019	
03.2 Footwear including repairs	10	9	-4.1	-1.4	0.03

- Small upward effect on the all items 12-month rate change.
- Prices overall fell this year by less than a year ago, with the main upward contributions coming from women's footwear.

04 HOUSING, WATER, 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	Jul 2018	Jul 2019	
04 Housing, water, electricity, gas and other fuels	301	298	0.2	0.1	-0.04

- Large downward effect on the all items 12-month rate change.
- Due to **electricity, gas and other fuels** and, to a lesser extent, **actual rentals for housing**.

04.1 Actual rentals for housing	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Jul 2018	1 month % change Jul 2019	Contribution to CPIH annual rate change
04.1 Actual rentals for housing	69	69	0.2	-	-0.01

- Small downward effect on the all items 12-month rate change.
- Charges overall were little changed this year but rose a year ago, with the main downward contribution coming from Registered Social Landlord (RSL) rents.

04.2 Owner occupiers' housing costs	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Jul 2018	1 month % change Jul 2019	Contribution to CPIH annual rate change
04.2 Owner occupiers' housing costs	169	165	0.1	0.2	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 England.

04.3 Regular maintenance and repair of the dwelling	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Jul 2018	1 month % change Jul 2019	Contribution to CPIH annual rate change
04.3 Regular maintenance and repair of the dwelling	2	3	-0.9	-	-
04.3.1 Materials for maintenance and repair	1	1	-1.7	-0.3	-
04.3.2 Services for maintenance and repair	1	2	-	0.1	-

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

04.4 Other services related to the dwelling	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Jul 2018	1 month % change Jul 2019	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.

04.5 Electricity, gas and other fuels	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Jul 2018	1 month % change Jul 2019	Contribution to CPIH annual rate change
04.5 Electricity, gas and other fuels	27	26	1.3	-	-0.04
04.5.1 Electricity	13	14	1.8	-	-0.02
04.5.2 Gas	12	10	1.1	-	-0.01
04.5.3 Liquid fuels	1	1	-2.5	-0.6	-
04.5.4 Solid fuels	1	1	0.5	-0.2	-

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

04.9 Council Tax and rates	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Jul 2018	1 month % change Jul 2019	Contribution to CPIH annual rate change
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 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Jul 2018	1 month % change Jul 2019	Contribution to CPIH annual rate change
05 Furniture, household equipment and maintenance	48	53	-1.8	-1.7	-0.01

- Small downward effect on the all items 12-month rate change.
- Due to **household appliances, fitting and repairs**; and **glassware, tableware and household utensils**.
- Partially offset by **furniture, furnishings and carpets**.

05.1 Furniture, furnishings and carpets	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Jul 2018	1 month % change Jul 2019	Contribution to CPIH annual rate change
05.1 Furniture, furnishings and carpets	18	22	-3.7	-2.6	0.01
05.1.1 Furniture and furnishings	14	15	-4.2	-3.5	0.01
05.1.2 Carpets and other floor coverings	4	7	-1.7	-0.5	-

- Small upward effect on the all items 12-month rate change.
- Due to **furniture and furnishings**, where prices overall fell this year by less than a year ago.

05.2 Household textiles	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Jul 2018	1 month % change Jul 2019	Contribution to CPIH annual rate change
05.2 Household textiles	5	5	-2.0	-2.6	-

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

05.3 Household appliances, fitting and repairs	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Jul 2018	1 month % change Jul 2019	Contribution to CPIH annual rate change
05.3 Household appliances, fitting and repairs	7	8	-0.4	-1.2	-0.01
05.3.1/2 Major appliances and small electric goods	6	7	-0.4	-1.5	-0.01
05.3.3 Repair of household appliances	1	1	-	0.2	-

- 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 contribution coming from vacuum cleaners.

05.4 Glassware, tableware and household utensils	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Jul 2018	1 month % change Jul 2019	Contribution to CPIH annual rate change
05.4 Glassware, tableware and household utensils	4	4	-0.8	-2.2	-0.01

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

05.5 Tools and equipment for house and garden	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Jul 2018	1 month % change Jul 2019	Contribution to CPIH annual rate change
05.5 Tools and equipment for house and garden	4	5	-1.2	-0.3	-

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

05.6 Goods and services for routine maintenance	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Jul 2018	1 month % change Jul 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	-0.1	-0.2	-
05.6.2 Domestic services and household services	6	6	0.1	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 Jul 2018	1 month % change Jul 2019	Contribution to CPIH annual rate change
06 Health	21	22	0.1	0.1	-

- 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 Jul 2018	1 month % change Jul 2019	Contribution to CPIH annual rate change
06.1 Medical products, appliances and equipment	9	9	-	-0.1	-
06.1.1 Pharmaceutical products	5	5	-	-0.1	-
06.1.2/3 Other medical and therapeutic equipment	4	4	0.2	-	-

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

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

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

06.3 Hospital services	Weight	Weight	1 month	1 month	Contribution to CPIH annual rate change
	2018	2019	% change	% change	
	Feb-Dec	Feb-Dec	Jul 2018	Jul 2019	
06.3 Hospital Services	5	5	0.2	0.2	-

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

07 TRANSPORT	Weight	Weight	1 month	1 month	Contribution to CPIH annual rate change
	2018	2019	% change	% change	
	Feb-Dec	Feb-Dec	Jul 2018	Jul 2019	
07 Transport	124	123	1.3	0.4	-0.12

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

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	Jul 2018	Jul 2019	
07.1 Purchase of vehicles	38	37	-0.4	0.2	0.02
07.1.1A New cars	22	21	-	0.2	-
07.1.1B Second-hand cars	14	14	-1.0	0.3	0.02
07.1.2/3 Motorcycles and bicycles	2	2	0.1	-0.2	-

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

07.2 Operation of personal transport equipment	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Jul 2018	1 month % change Jul 2019	Contribution to CPIH annual rate change
07.2 Operation of personal transport equipment	58	60	0.1	-0.5	-0.03
07.2.1 Spare parts and accessories	4	4	0.5	0.2	-
07.2.2 Fuels and lubricants	25	24	-0.5	-1.1	-0.01
07.2.3 Maintenance and repairs	19	20	0.7	-0.1	-0.01
07.2.4 Other services	10	12	0.5	-	-0.01

- Small downward effect on the all items 12-month rate change.
- Due to **fuels and lubricants**; **maintenance and repairs**; and **other services**.

Fuels and lubricants

- Small downward effect.
- Prices overall fell this year by more than a year ago.
- The average price of petrol across the month, as recorded for the CPIH, fell by 0.9 pence per litre between June and July 2019, to stand at 127.3 pence per litre.
- Last year, the average price of petrol fell by 0.8 pence per litre between June and July 2018, to stand at 127.2 pence per litre.
- The average price of diesel fell by 2.3 pence per litre between June and July 2019 to stand at 132.0 pence per litre, compared with a fall of 0.5 pence per litre a year earlier, to stand at 131.6 pence per litre.

Maintenance and repairs

- Small downward effect.
- Prices overall fell this year but rose a year ago, with the main downward contributions coming from roadside recovery services and labour costs for car repair.

Other services

- Small downward effect.
- Prices overall were little changed this year but rose a year ago, with the main downward contribution coming from the hire of self-drive vehicles.

07.3 Transport services	Weight	Weight	1 month	1 month	Contribution to CPIH annual rate change
	2018	2019	% change	% change	
	Feb-Dec	Feb-Dec	Jul 2018	Jul 2019	
07.3 Transport services	28	26	6.1	2.6	-0.10
07.3.1 Passenger transport by railway	11	11	3.1	-	-0.03
07.3.2 Passenger transport by road	10	9	1.6	0.7	-0.01
07.3.3 Passenger transport by air	4	4	20.1	12.0	-0.04
07.3.4 Passenger transport by sea and inland waterway	3	2	9.1	2.0	-0.03

- Large downward effect on the all items 12-month rate change.
- Due to **passenger transport by air** and, to a lesser extent, **passenger transport by railway**; **passenger transport by sea and inland waterway**; and **passenger transport by road**.

Passenger transport by railway

- Small downward effect.
- Average charges for rail journeys were little changed this year but rose a year ago, with the main downward contribution coming from international travel.

Passenger transport by road

- Small downward effect.
- Average charges rose this year by less than a year ago, particularly for coach fares.

Passenger transport by air

- Large downward effect.
- Average air fares rose this year by less than a year ago, with the main downward contribution coming from European flights.
- Partially offset by small upward contributions coming from long haul and domestic flights.

Passenger transport by sea and inland waterway

- Small downward effect.
- Average sea fares rose this year by less than a year ago.

08 COMMUNICATION	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Jul 2018	1 month % change Jul 2019	Contribution to CPIH annual rate change
08 Communication	20	20	0.5	-	-0.01

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

08.1 Postal services	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Jul 2018	1 month % change Jul 2019	Contribution to CPIH annual rate change
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 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Jul 2018	1 month % change Jul 2019	Contribution to CPIH annual rate change
08.2/3 Telephone equipment and services	19	19	0.5	-	-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, with the main downward contributions coming from bundled telecommunication services and mobile phone applications.

09 RECREATION AND CULTURE	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Jul 2018	1 month % change Jul 2019	Contribution to CPIH annual rate change
09 Recreation and culture	120	127	0.5	1.1	0.08

- Largest upward 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**.
- Offset by small downward contributions coming from **audio-visual equipment and related products**; and **other major durables for recreation and culture**.

09.1 Audio-visual equipment and related products	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Jul 2018	1 month % change Jul 2019	Contribution to CPIH annual rate change
09.1 Audio-visual equipment and related products	14	17	-0.6	-1.3	-0.01
09.1.1 Equipment for the reception and reproduction of sound and pictures	4	4	-0.8	-1.3	-
09.1.2 Photographic, cinematographic and optical equipment	1	2	-0.9	0.6	-
09.1.3 Data processing equipment	5	7	-0.7	1.0	0.01
09.1.4 Recording media	3	3	-0.7	-7.8	-0.02
09.1.5 Repair of audio-visual equipment and related products	1	1	0.5	0.2	-

- Small downward effect on the all items 12-month rate change.
- Due to **recording media**.
- Partially offset by **data processing equipment**.

Data processing equipment

- Small upward effect.
- Prices overall rose this year but fell a year ago, with the main upward contributions coming from computer software and PC peripherals.
- Partially offset by a small downward contribution coming from laptop computers, where prices fell this year but rose a year ago.

Recording media

- Small downward effect.
- Prices overall fell this year by more than a year ago, with the main downward contributions coming from music downloads, internet bought DVDs and shop bought DVD films.

09.2 Other major durables for recreation and culture	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Jul 2018	1 month % change Jul 2019	Contribution to CPIH annual rate change
09.2.1/2 Major durables for in/outdoor recreation	14	14	1.0	0.1	-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 boats.

09.3 Other recreational items, gardens and pets	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Jul 2018	1 month % change Jul 2019	Contribution to CPIH annual rate change
09.3 Other recreational items, gardens and pets	29	30	2.2	5.0	0.08
09.3.1 Games, toys and hobbies	17	18	4.1	8.4	0.08
09.3.2 Equipment for sport and open-air recreation	2	2	-1.0	0.6	-
09.3.3 Gardens, plants and flowers	3	3	-1.0	0.1	-
09.3.4/5 Pets, related products and services	7	7	0.2	0.2	-

- Large upward effect on the all items 12-month rate change.
- Due to **games, toys and hobbies**, where prices overall rose this year by more than a year ago, with the main upward contributions coming from computer games and computer games consoles.
- Partially offset by a small downward contribution coming from child's pre-school activity toys, where prices rose this year by less than a year ago.

09.4 Recreational and cultural services	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Jul 2018	1 month % change Jul 2019	Contribution to CPIH annual rate change
09.4 Recreational and cultural services	23	22	-0.6	0.2	0.02
09.4.1 Recreational and sporting services	7	6	0.1	0.5	-
09.4.2 Cultural services	16	16	-0.9	0.1	0.02

- Small upward effect on the all items 12-month rate change.
- Due to **cultural services**, where prices overall rose this year but fell a year ago, particularly for live music events.

09.5 Books, newspapers and stationery	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Jul 2018	1 month % change Jul 2019	Contribution to CPIH annual rate change
09.5 Books, newspapers and stationery	9	10	0.2	-0.1	-
09.5.1 Books	3	3	1.6	-0.1	-0.01
09.5.2 Newspapers and periodicals	3	3	-0.6	0.2	-
09.5.3/4 Misc. printed matter, stationery, drawing materials	3	4	-0.3	-0.3	-

- Negligible overall effect on the all items 12-month rate change.
- There is a small downward contribution coming from **books**, where prices overall fell this

year but rose a year ago, particularly for non-fiction hard cover books.

09.6 Package holidays	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Jul 2018	1 month % change Jul 2019	Contribution to CPIH annual rate change
09.6 Package holidays	31	34	0.3	0.4	-

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

10 EDUCATION	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Jul 2018	1 month % change Jul 2019	Contribution to CPIH annual rate change
10 Education	18	18	-	-	-

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

11 RESTAURANTS AND HOTELS	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Jul 2018	1 month % change Jul 2019	Contribution to CPIH annual rate change
11 Restaurants and hotels	97	97	0.2	0.8	0.06

- Large upward effect on the all items 12-month rate change.
- Due to **accommodation services** and, to a lesser extent, **catering services**.

11.1 Catering services	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Jul 2018	1 month % change Jul 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	-	-	-

- Small upward effect on the all items 12-month rate change.
- Due to restaurants and cafés where prices overall rose this year by more than a year ago, with the main upward contribution coming from takeaway sandwiches.

11.2 Accommodation services	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Jul 2018	1 month % change Jul 2019	Contribution to CPIH annual rate change
11.2 Accommodation services	22	21	0.5	3.1	0.06

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

12 MISCELLANEOUS GOODS AND SERVICES	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Jul 2018	1 month % change Jul 2019	Contribution to CPIH annual rate change
12 Misc. goods and services	77	74	-0.8	-0.1	0.05

- Large upward effect on the all items 12-month rate change.
- Due to **financial services not elsewhere covered** and, to a lesser extent, **other services not elsewhere covered**.

12.1 Personal care	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Jul 2018	1 month % change Jul 2019	Contribution to CPIH annual rate change
12.1 Personal care	25	24	-0.3	-0.2	-
12.1.1 Hairdressing and personal grooming establishments	6	6	0.9	0.3	-
12.1.2/3 Appliances and products for personal care	19	18	-0.7	-0.4	0.01

- Negligible overall effect on the all items 12-month rate change.
- There is a small upward contribution coming from **appliances and products for personal care**, where prices fell this year by less than a year ago, with the main upward contributions coming from facial moisturiser and shower gel. Partially offset by a small downward contribution coming from toothbrushes, where prices fell this year but rose a year ago.

12.3 Personal effects not elsewhere covered	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Jul 2018	1 month % change Jul 2019	Contribution to CPIH annual rate change
12.3 Personal effects not elsewhere covered	12	15	-1.4	-0.8	-
12.3.1 Jewellery, clocks and watches	8	10	-0.7	-0.6	-
12.3.2 Other personal effects	4	5	-2.6	-1.1	0.01

- Negligible overall effect on the all items 12-month rate change.
- There is a small upward contribution coming from **other personal effects**, where prices overall fell this year by less than a year ago, with the main upward contribution coming from luggage.

12.4 Social protection	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Jul 2018	1 month % change Jul 2019	Contribution to CPIH annual rate change
12.4 Social protection	14	13	0.4	0.1	-

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

12.5 Insurance	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Jul 2018	1 month % change Jul 2019	Contribution to CPIH annual rate change
12.5 Insurance	7	5	0.1	0.1	-
12.5.2 House contents insurance	2	1	0.6	1.1	-
12.5.3 Health insurance	2	2	-0.4	0.5	-
12.5.4 Transport insurance	3	2	0.1	-0.7	-

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

12.6 Financial services not elsewhere covered	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Jul 2018	1 month % change Jul 2019	Contribution to CPIH annual rate change
12.6 Financial services not elsewhere covered	9	8	-4.2	0.6	0.04

- Large upward effect on the all items 12-month rate change.
- Charges overall rose this year but fell a year ago, with the main upward contribution coming from initial charges for unit trust investments.

12.7 Other services not elsewhere covered	Weight 2018 Feb-Dec	Weight 2019 Feb-Dec	1 month % change Jul 2018	1 month % change Jul 2019	Contribution to CPIH annual rate change
12.7 Other services not elsewhere covered	10	9	-0.3	0.2	0.01

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

RPI SUMMARY

CONTRIBUTIONS TO CHANGE IN THE RPI ANNUAL RATE

GROUPS	Weight 2018	Weight Jul 2019 onwards	1 month % change Jul 2018	1 month % change Jul 2019	Contribution to RPI annual rate change
FOOD	102	101	0.3	-	-0.02
CATERING	50	49	0.1	0.2	0.01
ALCOHOLIC DRINKS	56	59	-0.2	-	0.01
TOBACCO	23	23	0.1	0.1	-
HOUSING	257	258	0.1	0.2	0.01
FUEL AND LIGHT	37	35	1.4	-0.1	-0.08
HOUSEHOLD GOODS	68	68	-2.4	-2.0	0.02
HOUSEHOLD SERVICES	58	62	0.4	-	-0.02
CLOTHING AND FOOTWEAR	43	39	-3.2	-2.7	0.03
PERSONAL GOODS AND SERVICES	42	43	-0.3	-0.2	0.01
MOTORING EXPENDITURE	124	125	-0.4	-0.5	-0.02
FARES AND OTHER TRAVEL COSTS	25	28	10.2	5.7	-0.09
LEISURE GOODS	30	24	0.3	1.1	0.02
LEISURE SERVICES	85	86	0.2	0.7	0.04

RPI NOTABLE MOVEMENTS

All items RPI	Annual rate +2.8%, down from +2.9% last month Lowest since March 2019 (+2.4%)
All items RPI excl. MIPS (RPIX)	Annual rate +2.7%, down from +2.8% last month Lowest since March 2019 (+2.4%)
Catering	Annual rate +3.2%, up from +3.0% last month Highest since April 2012 (+3.3%)
Tobacco	Annual rate +5.6%, down from +5.7% last month Lowest since November 2017 (+5.3%)
Household goods	Annual rate +2.6%, up from +2.2% last month Also +2.6% in May 2018 Lat higher in April 2018 (+3.5%)
Personal goods and services	Annual rate +2.5%, up from +2.3% last month Highest since March 2014 (+2.6%)
All goods	Annual rate +2.2%, up from +2.0% last month Highest since March 2019 (+2.3%)
All services	Annual rate +3.5%, down from +4.0% last month Lowest since March 2019 (+2.7%)
Furniture	Annual rate +5.4%, up from +4.3% last month Highest since February 2018 (+7.8%)

RPI DETAILED BRIEFING

[An error was identified](#) in the dataset underpinning the 2019 RPI weights covering the period February to June 2019. In line with the consumer price inflation statistics [revisions policy](#) RPI has not been revised. The corrected weights have been used in July 2019 RPI onwards. Users should note there will be a discontinuity between June's and July's index levels, which have been calculated using differing weights.

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 Jul 2018	1 month % change Jul 2019	Contribution to RPI annual rate change
FOOD	102	101	0.3	-	-0.02

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

Seasonal Food	Weight 2018	Weight Jul 2019 onwards	1 month % change Jul 2018	1 month % change Jul 2019	Contribution to RPI annual rate change
SEASONAL FOOD	18	18	-0.6	-0.2	0.01
Home killed lamb	1	1	0.4	-0.9	-
Fresh fish	2	2	-3.1	-0.6	0.01
Eggs	1	1	-	-0.6	-
Unprocessed potatoes	1	1	-1.6	-0.1	-
Other fresh vegetables	6	6	0.1	0.7	-
Fresh fruit	7	7	-0.5	-0.8	-

- Small upward effect on the all items 12-month rate change.
- Due to **fresh fish**, where prices overall fell this year by less than a year ago.

Non-Seasonal Food	Weight 2018	Weight Jul 2019 onwards	1 month % change Jul 2018	1 month % change Jul 2019	Contribution to RPI annual rate change
NON-SEASONAL FOOD	84	83	0.4	0.1	-0.03
Bread	4	3	0.4	1.3	-
Cereals	3	3	0.3	0.4	-
Biscuits and cakes	6	6	-1.0	1.3	0.01
Beef	3	3	-0.7	-1.0	-
Imported lamb	1	1	0.3	-	-
Pork	1	1	-2.9	1.6	-
Bacon	1	1	-0.2	0.8	-
Poultry	4	4	0.5	-0.2	-
Other meat	6	6	0.3	-0.7	-0.01
Processed fish	2	2	-1.4	1.7	0.01
Butter	1	1	2.8	-0.2	-
Oils and fats	1	1	4.5	5.6	-
Cheese	3	3	-1.1	2.4	0.01
Milk, fresh	3	3	1.0	-0.7	-
Milk products	4	4	3.3	-1.3	-0.02
Tea	1	1	-0.3	1.6	-
Soft drinks	8	9	0.2	-0.7	-0.01
Sugar and preserves	1	1	-0.2	-0.8	-
Sweets and chocolates	11	11	1.6	-0.2	-0.02
Potato products	3	3	-0.3	-0.6	-
Processed vegetables	2	2	0.6	2.5	0.01
Processed fruit	2	1	-1.1	-3.6	-
Other foods	11	11	0.6	-0.1	-0.01
Coffee and other hot drinks	2	2	0.1	-0.2	-

- Small downward effect on the all items 12-month rate change.
- Due to **milk products, sweets and chocolates, other meat, soft drinks** and **other foods**, where prices overall fell this year but rose a year ago, with the main downward contributions coming from chilled pizza, yoghurt/fromage frais, bottled cola flavoured drinks and small chocolate bars.
- Partially offset by:
 - **Biscuits and cakes, processed fish** and **cheese**, where prices overall rose this year but fell a year ago, with the main upward contributions coming from fish fingers, half coated chocolate biscuits, individual fruit pies and cheddar cheese. Partially offset by a small downward contribution coming from packs of individual cakes, where prices fell this year but rose a year ago; and
 - **Processed vegetables**, where prices overall rose this year by more than a year ago, with the main upward contribution coming from canned tomatoes.

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

- Small upward effect on the all items 12-month rate change.
- Due to **take-away meals and snacks**, where prices overall rose this year but fell a year ago, particularly for takeaway sandwiches.

ALCOHOLIC DRINKS	Weight 2018	Weight Jul 2019 onwards	1 month % change Jul 2018	1 month % change Jul 2019	Contribution to RPI annual rate change
ALCOHOLIC DRINKS	56	59	-0.2	-	0.01
Beer on sales	18	19	0.1	0.1	-
Beer off sales	5	6	1.1	0.6	-
Wines and spirits on sales	19	19	0.1	0.2	-
Wines and spirits off sales	14	15	-1.4	-0.5	0.01

- Small upward effect on the all items 12-month rate change.
- Due to **wines and spirits off sales**, where prices overall fell this year by less than a year ago, with the main upward contribution coming from sparkling wine.

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

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

HOUSING	Weight 2018	Weight Jul 2019 onwards	1 month % change Jul 2018	1 month % change Jul 2019	Contribution to RPI annual rate change
HOUSING	257	258	0.1	0.2	0.01
Rent	76	75	0.2	-	-0.02
Mortgage interest payments	24	25	0.4	0.4	-
Council Tax and rates	38	39	-	-	-
Water and other charges	12	12	-	-	-
Repairs and maintenance charges	9	10	-	0.2	-
DIY materials	8	7	-0.9	-0.3	0.01
Dwelling insurance and ground rent	7	6	0.8	0.8	-
House depreciation	83	84	0.1	0.3	0.02

- Small upward effect on the all items 12-month rate change.
- Due to:
 - **House depreciation**, with the smoothed house price index used to calculate this component rising this year by more than a year ago; and
 - **DIY materials**, where prices overall fell this year by less than a year ago.
- Partially offset by **rent**, where average charges were little changed this year but rose a year ago, with the main downward contribution coming from Registered Social Landlord (RSL) rents.

FUEL AND LIGHT	Weight 2018	Weight Jul 2019 onwards	1 month % change Jul 2018	1 month % change Jul 2019	Contribution to RPI annual rate change
FUEL AND LIGHT	37	35	1.4	-0.1	-0.08
Coal and solid fuels	1	1	0.5	-0.2	-
Electricity	20	17	1.8	-	-0.06
Gas	15	14	1.1	-	-0.03
Oil and other fuels	1	3	-1.5	-0.4	-

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

HOUSEHOLD GOODS	Weight 2018	Weight Jul 2019 onwards	1 month % change Jul 2018	1 month % change Jul 2019	Contribution to RPI annual rate change
HOUSEHOLD GOODS	68	68	-2.4	-2.0	0.02
Furniture	28	27	-4.7	-3.7	0.03
Furnishings	9	9	-1.8	-1.4	-
Electrical appliances	7	7	-1.4	-1.7	-
Other household equipment	4	5	0.1	-1.6	-0.01
Household consumables	11	11	-0.2	-0.2	-
Pet care	9	9	0.2	0.3	-

- Small upward effect on the all items 12-month rate change.
- Due to **furniture**, where prices overall fell this year by less than a year ago, particularly for leather sofas and wardrobes.
- Partially offset by **other household equipment**, where prices overall fell this year but rose a year ago.

HOUSEHOLD SERVICES	Weight 2018	Weight Jul 2019 onwards	1 month % change Jul 2018	1 month % change Jul 2019	Contribution to RPI annual rate change
HOUSEHOLD SERVICES	58	62	0.4	-	-0.02
Domestic services	13	14	0.3	0.1	-
Fees and subscriptions	19	23	0.1	0.5	0.01
Postage	1	1	-	-	-
Telephone charges	25	24	0.7	-0.5	-0.03

- 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, with the main downward contributions coming from mobile phone applications and bundled telecommunication services.
- Partially offset by **fees and subscriptions**, where prices overall rose this year by more than a year ago.

CLOTHING AND FOOTWEAR	Weight 2018	Weight Jul 2019 onwards	1 month % change Jul 2018	1 month % change Jul 2019	Contribution to RPI annual rate change
CLOTHING AND FOOTWEAR	43	39	-3.2	-2.7	0.03
Men's outerwear	9	8	-0.9	-1.9	-0.01
Women's outerwear	16	14	-5.0	-4.2	0.02
Children's outerwear	5	4	-3.4	-1.9	0.01
Other clothing	5	5	-1.3	-2.8	-0.01
Footwear	8	8	-3.3	-0.9	0.02

- Small upward effect on the all items 12-month rate change.
- Due to **women's outerwear**, **footwear** and **children's outerwear**, where prices overall fell this year by less than a year ago, particularly for women's cardigans and skirts. Partially offset by a small downward contribution coming from women's long-sleeved tops, where prices fell this year but rose a year ago.
- Partially offset by **men's outerwear** and **other clothing**, where prices overall fell this year by more than a year ago.

PERSONAL GOODS AND SERVICES	Weight 2018	Weight Jul 2019 onwards	1 month % change Jul 2018	1 month % change Jul 2019	Contribution to RPI annual rate change
PERSONAL GOODS AND SERVICES	42	43	-0.3	-0.2	0.01
Personal articles	11	11	-1.2	-0.5	0.01
Chemists' goods	15	16	-0.4	-0.4	-
Personal services	16	16	0.5	0.3	-

- Small upward effect on the all items 12-month rate change.
- Due to **personal articles**, where prices overall fell this year by less than a year ago, with the main upward contribution coming from luggage trolley cases.

MOTORING EXPENDITURE	Weight 2018	Weight Jul 2019 onwards	1 month % change Jul 2018	1 month % change Jul 2019	Contribution to RPI annual rate change
MOTORING EXPENDITURE	124	125	-0.4	-0.5	-0.02
Purchase of motor vehicles	50	51	-0.5	0.2	0.04
Maintenance of motor vehicles	16	17	0.6	-	-0.01
Petrol and oil	34	35	-1.1	-2.0	-0.04
Vehicle tax and insurance	24	22	0.3	-0.2	-0.01

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

- **Petrol and oil**, where prices overall fell this year by more than a year ago. The price of petrol, as recorded for the RPI, fell by 2.0 pence per litre between June and July 2019, to stand at 126.9 pence per litre, compared with a fall of 1.6 pence per litre last year, to stand at 127.0 pence per litre. Diesel prices fell by 3.7 pence per litre, to stand at 131.7 pence per litre in July 2019, compared with a fall of 1.1 pence per litre last year, to stand at 131.5 pence per litre; and, to a lesser extent
- **Vehicle tax and insurance**, where average premiums for car insurance fell this year but rose a year ago; and
- **Maintenance of motor vehicles**, where prices overall were little changed this year but rose a year ago.
- Partially offset by **purchase of motor vehicles**, where prices overall rose this year but fell a year ago, with the main upward contribution coming from second-hand cars.

FARES AND OTHER TRAVEL COSTS	Weight 2018	Weight Jul 2019 onwards	1 month % change Jul 2018	1 month % change Jul 2019	Contribution to RPI annual rate change
FARES AND OTHER TRAVEL COSTS	25	28	10.2	5.7	-0.09
Rail fares	6	7	3.0	-	-0.02
Bus and coach fares	3	3	2.9	1.3	-
Other travel costs	16	18	13.8	8.2	-0.07

- Largest downward effect on the all items 12-month rate change.
- Due to:
 - **Other travel costs**, where average air fares rose this year by less than a year ago; and, to a lesser extent,
 - **Rail fares**, where average charges for international journeys were little changed this year but rose a year ago.

LEISURE GOODS	Weight 2018	Weight Jul 2019 onwards	1 month % change Jul 2018	1 month % change Jul 2019	Contribution to RPI annual rate change
LEISURE GOODS	30	24	0.3	1.1	0.02
Audio-visual equipment	6	4	-	-1.5	-
CDs and tapes	2	1	-1.3	-6.0	-
Toys, photographic and sports goods	10	9	1.7	3.3	0.01
Books and newspapers	6	5	0.8	1.3	-
Gardening products	6	5	-1.2	0.2	0.01

- Small upward effect on the all items 12-month rate change.
- Due to:
 - **Toys, photographic and sports goods**, where prices overall rose this year by more than a year ago, particularly for computer game downloads; and
 - **Gardening products**, where prices overall rose this year but fell a year ago, particularly for potted shrubs.

LEISURE SERVICES	Weight 2018	Weight Jul 2019 onwards	1 month % change Jul 2018	1 month % change Jul 2019	Contribution to RPI annual rate change
LEISURE SERVICES	85	86	0.2	0.7	0.04
TV licence and rentals	11	10	-	-	-
Entertainment and other recreation	16	16	-0.6	0.5	0.02
Foreign holidays	47	47	0.3	0.6	0.01
UK holidays	11	13	0.8	2.0	0.02

- Largest upward effect on the all items 12-month rate change.
- Due to:
 - **UK holidays** and **foreign holidays**, where prices overall rose this year by more than a year ago, particularly for UK overnight hotel stays and foreign self-catering holidays. Partially offset by a small downward contribution coming from catered UK holidays; and
 - **Entertainment and other recreation**, where prices overall rose this year but fell a year ago, particularly for live music events and game consoles online subscription services.

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 of the [Consumer price inflation dataset](#).

The difference between the CPIH and RPI unrounded annual rates in July 2019 was -0.80 percentage points, narrowing from -0.95 percentage points in June 2019.

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 0.13 percentage points between June and July 2019. The effect came mainly from games, toys and hobbies and equipment for sport and open-air recreation; air fares; and fuels and lubricants. This was partially offset by widening effects from sea fares; furniture and furnishings, carpets and household textiles; second-hand cars; and recording media.
- **Other differences in coverage of goods and services**, which decreased the RPI 12-month rate relative to the CPIH 12-month rate by 0.04 percentage points between June and July 2019. The effect came mainly from financial services.

The main offsetting factor was:

- **Other housing components**, which increased the RPI 12-month rate relative to the CPIH 12-month rate by 0.02 percentage points between June and July 2019. The effect came mainly from house depreciation.

RPI MISCELLANEOUS DATA

Selected Average Prices

Description		May 2019	June 2019	July 2019
Fuel per litre	Diesel	£1.35	£1.35	£1.32
	Petrol	£1.28	£1.29	£1.27
Alcohol pub prices	Draught bitter (pint)	£3.08	£3.08	£3.09
	Draught lager (pint)	£3.69	£3.70	£3.70
	Whisky (per nip)	£2.95	£2.95	£2.96
Cigarettes	Per 20 king size	£10.77	£10.77	£10.77

0.0 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
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
December 2018	+0.4	Down -0.01% points	-0.01% points
January 2019	-0.9	Negligible	-
February 2019	+0.7	Negligible	-
March 2019	0.0	Down -0.01% points	-0.01% points
April 2019	+1.1	Down -0.01% points	-0.01% points
May 2019	+0.3	Negligible	-
June 2019	+0.1	Down -0.02% points	-0.02% points
July 2019	0.0	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

- Seasonal food prices have shown a mixed pattern of rises and falls in August of recent years, but are typically dependent on weather conditions both in the UK and around the world.

Monthly % change for CPIH seasonal food index			
Year	June	July	August
2013	-1.5	0.2	0.1
2014	-0.5	0.2	-0.3
2015	-	-1.4	-0.4
2016	-0.8	0.5	-0.3
2017	-0.3	-0.4	-0.1
2018	-0.9	-0.6	0.8
2019	1.1	0.1	

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

CLOTHING AND FOOTWEAR

- Prices tend to recover in August following summer sales.

Monthly % change for CPIH clothing and footwear index			
Year	June	July	August
2013	-1.9	-3.2	1.9
2014	0.6	-5.7	2.6
2015	-0.4	-3.3	1.5
2016	-0.7	-3.4	1.0
2017	-1.0	-2.9	2.4
2018	-2.1	-3.7	3.1
2019	-1.0	-2.9	

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

FURNITURE, HOUSEHOLD EQUIPMENT AND MAINTENANCE

- Prices tend to recover in August following summer sales.

Monthly % change for CPIH furniture, household equipment and maintenance index			
Year	June	July	August
2013	-0.4	-1.0	1.7
2014	0.2	-1.5	1.0
2015	0.4	-1.5	1.7
2016	-0.3	-1.7	1.4
2017	0.5	-1.2	1.8
2018	0.3	-1.8	1.2
2019	0.7	-1.7	

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

TRANSPORT

Fuels and Lubricants

- Oil prices have slumped again this morning on renewed global economic growth concerns after President Trump threatened to escalate the China trade war. Brent crude is down 1.32% at \$61.07 a barrel. (bbc.co.uk 12 August 2019)
- When considering the price of petrol between July and August 2019, it may be useful to note that the average price of petrol rose by 1.4 pence per litre between July and August 2018, to stand at 128.6 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 have tended to rise more slowly in August compared to July.

Monthly % change for CPIH air fares index			
Year	June	July	August
2013	-2.8	13.9	9.4
2014	7.0	14.0	11.3
2015	0.3	21.6	13.9
2016	10.9	15.9	14.4
2017	14.5	17.9	10.9
2018	8.1	20.1	13.5
2019	4.5	12.0	

- 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 August 2019. The next announcement and minutes from the Bank of England's Monetary Policy Committee are scheduled to be published on 19 September 2019.
- The change in average mortgage interest rates recorded in the RPI was +0.06 percentage points between July and August 2018. The Bank of England Bank Rate remained unchanged at 0.5% in July 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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