

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

As the most comprehensive measure of inflation, we have expanded the commentary on the Consumer Prices Index including owner occupiers' housing costs (CPIH). CPIH 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. A [blog post](#) by the Deputy National Statistician explains our approach to including housing costs in CPIH and further information is available on our [quality and methodology page](#).

CPIH has been re-assessed to evaluate the extent to which it meets the professional standards set out in the Code of Practice for Official Statistics and the [assessment report](#) was published on 3 March 2016. The report includes a number of requirements that need to be implemented for CPIH to regain its status as a National Statistic and we are working to address these.

CPIH uses an approach called rental equivalence to measure OOH. Rental equivalence uses the rent paid for an equivalent house as a proxy for the costs faced by an owner occupier. In other words, this answers the question "how much would I have to pay in rent to live in a home like mine?" for an owner occupier. OOH does not seek to capture increases in house prices. Although this may be inconsistent with some users' expectations of measures of OOH, the inclusion of an asset price and therefore capital gains would make the index less suitable as a measure of consumption. OOH currently accounts for 17.4% of the expenditure weight of CPIH.

Currently, the method of calculation, the population coverage, the basket of goods and services and the method of deriving the weights are the same as for the Consumer Prices Index (CPI), with the exception of OOH and council tax. A full description of how CPIH is compiled is given in the [Consumer Price Indices Technical Manual](#) and the [CPIH compendium](#).

The main movements for CPIH in February 2017 are:

- The all items CPIH is 102.4, up from 101.8 in January.
- The all items CPIH annual rate is 2.3%, up from 1.9% in January.
- The annual rate for CPIH excluding indirect taxes, CPIHY, is 2.3%, up from 1.9% last month.
- The OOH component of CPIH is 103.9, up from 103.8 in January.
- The OOH component annual rate is 2.5%, unchanged from last month.
- The CPIH all goods index is 100.5, up from 99.6 in January.
- The CPIH all goods index annual rate is 1.9%, up from 1.1% last month.
- The CPIH all services index is 103.8, up from 103.4 in January.

- The CPIH all services index annual rate is 2.6%, up from 2.5% last month.

Consumer Prices Index (CPI)

The CPI 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 February 2017 are:

- The all items CPI is 102.1, up from 101.4 in January.
- The all items CPI annual rate is 2.3%, up from 1.8% in January.
- The annual rate for CPI excluding indirect taxes, CPIY, is 2.2%, up from 1.7% last month.
- The annual rate for CPI at constant tax rates, CPI-CT, is 2.3%, up from 1.8% last month.
- The CPI all goods index is 100.5, up from 99.6 in January.
- The CPI all goods index annual rate is 1.9%, up from 1.1% last month.
- The CPI all services index is 103.9, up from 103.3 in January.
- The CPI all services index annual rate is 2.8%, up from 2.6% 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 long-standing measure of UK inflation that has historically been used for a wide range of purposes such as the indexation of pensions, rents and index-linked gilts. For further information see [Users and uses of consumer price inflation statistics](#).

The main movements for RPI in February 2017 are:

- The all items RPI is 268.4, up from 265.5 in January.
- The all items RPI annual rate is 3.2%, up from 2.6% last month.
- The annual rate for RPIX, the all items RPI excluding mortgage interest payments (MIPs) index, is 3.5%, up from 2.9% last month.

- The all goods RPI is 204.4, up from 201.0 in January.
- The all goods RPI annual rate is 3.8%, up from 2.8% last month.
- The all services RPI is 364.8, up from 362.4 in January.
- The all services RPI annual rate is 2.6%, up from 2.3% last month.

CPIH SUMMARY**CONTRIBUTIONS TO CHANGE IN THE CPIH ANNUAL RATE**

CPIH COICOP DIVISIONS	Weight 2016	Weight 2017 Feb-Dec	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to CPIH annual rate change
01: Food and non-alcoholic beverages	83	81	0.1	0.8	0.06
02: Alcoholic beverages and tobacco	34	34	-0.6	-0.2	0.01
03: Clothing and footwear	58	58	1.3	1.2	-
04: Housing, water, electricity, gas and other fuels	294	294	0.1	0.1	0.01
05: Furniture, household equipment and maintenance	49	49	1.7	2.4	0.04
06: Health	22	21	-	0.3	0.01
07: Transport	122	126	-	1.1	0.15
08: Communication	25	21	0.8	0.9	-
09: Recreation and culture	119	121	-0.1	0.6	0.08
10: Education	20	17	-	-	-
11: Restaurants and hotels	98	101	0.5	0.7	0.02
12: Miscellaneous goods and services	76	77	-	0.3	0.02

Large upward effects came from:

- **Transport**, where prices for motor fuels made the largest contribution, with prices increasing by 1.2% between January and February 2017. Fuel prices tend to reflect movements in global oil prices and part of the increase in oil prices during 2016 to date can be explained by depreciation of sterling against the US dollar. The impact of fuel prices on the change in the 12-month rate is also influenced by what happened in the same period last year, when prices fell by 1.0%. Rising prices of vehicles also had an upward effect, particularly for second hand cars. Smaller upward effects resulted from rises in sea and coach fares;

- **Recreation and culture**, due to a combination of smaller contributions from a wide range of items across the sector. Notably, the price of personal computers (including laptops and tablets) increased by 2.3% between January 2017 and February 2017, having fallen by 5.1% a year ago;
- **Food and non-alcoholic beverages**, where overall food prices rose by 0.8% between January 2017 and February 2017, compared with a smaller rise of 0.1% a year earlier. The upward effect on the change in the 12-month rate came from a wide range of food items, although there were particularly large price rises for certain vegetables, which are consistent with reports of poor growing conditions in southern Europe affecting availability. For example, the price of an iceberg lettuce increased by 67.2% between January and February 2017, having fallen by 0.8% a year earlier; and
- **Furniture, household equipment and maintenance**, where prices overall rose by 2.4% between January and February this year compared with a rise of 1.7% between the same months a year ago.

Small upward effects came from:

- **Restaurants and hotels**, where prices overall rose by 0.7%, compared with a smaller rise of 0.5% a year ago; and
- **Miscellaneous goods and services**, where prices overall rose by 0.3% between January and February this year compared with a negligible change between the same months a year ago. The main upward contribution came from jewellery, clocks and watches, in particular diamond solitaire rings for which prices rose this year but fell a year ago.

CPIH NOTABLE MOVEMENTS

All items CPIH	Annual rate +2.3%, up from +1.9% last month Highest since September 2013 (+2.4%)
All items CPIH exc energy, food, alcohol and tobacco	Annual rate +2.1%, up from +1.8% last month Also +2.1% in June 2013, March 2013 and December 2012 Last higher in November 2012 (+2.4%)
Food and non-alcoholic beverages	Annual rate +0.2%, up from -0.5% last month Highest since April 2014 (+0.6%)
Alcoholic beverages and tobacco	Annual rate +2.9%, up from +2.5% last month Highest since April 2015 (+3.0%)
Furniture, household equipment and maintenance	Annual rate +1.1%, up from +0.4% last month Also +1.1% in July 2014 Last higher in June 2014 (+1.6%)
Transport	Annual rate +6.6%, up from +5.3% last month Highest since November 2011 (+7.2%)
Recreation and culture	Annual rate +1.6%, up from +1.0% last month Also +1.6% in July 2014 and May 2013 Last higher in March 2013 (+1.8%)
Restaurants and hotels	Annual rate +3.2%, up from +3.0% last month Also +3.2% in January 2013 and December 2012 Last higher in November 2012 (+3.3%)
All goods	Annual rate +1.9%, up from +1.1% last month Highest since September 2013 (+2.1%)
All services	Annual rate +2.6%, up from +2.5% last month Also +2.6% in September 2016 Last higher in August 2016 (+2.7%)
Fuels and lubricants	Annual rate +19.4%, up from +16.8% last month Highest since May 2010 (+22.7%)
Electricity, gas and other fuels	Annual rate +0.1%, up from -0.3% last month Highest since November 2014 (+4.3%)

CPIH DETAILED BRIEFING

CPIH is not currently a [National Statistic](#). It has been reassessed by the Office for Statistics Regulation (OSR) against the standards set out in the [Code of Practice for Official Statistics](#). The [assessment report](#) published on 3 March 2016 included a number of requirements that need to be implemented for CPIH to regain its status as a National Statistic and we are working to address these.

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

01 FOOD AND NON-ALCOHOLIC BEVERAGES	Weight 2016	Weight 2017 Feb-Dec	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to CPIH annual rate change
01 Food & non-alcoholic beverages	83	81	0.1	0.8	0.06

- Large upward effect on the all items 12-month rate change.
- Due to **food** and, to a lesser extent, **non-alcoholic beverages**.

01.1 Food	Weight 2016	Weight 2017 Feb-Dec	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to CPIH annual rate change
01.1 Food	74	71	0.1	0.8	0.05
01.1.1 Bread and cereals	12	12	0.2	2.0	0.02
01.1.2 Meat	17	16	-0.4	0.5	0.01
01.1.3 Fish	3	3	1.8	4.7	0.01
01.1.4 Milk, cheese and eggs	10	9	-0.5	0.6	0.01
01.1.5 Oils and fats	2	2	0.8	0.6	-
01.1.6 Fruit	7	7	-	1.3	0.01
01.1.7 Vegetables including potatoes	11	10	2.1	2.2	-
01.1.8 Sugar, jam, syrups, chocolate and confectionery	10	10	-2.5	-3.1	-0.01
01.1.9 Food products not elsewhere covered	2	2	4.1	2.4	-

- Large upward effect on the all items 12-month rate change.
- Due to **bread and cereals; meat; milk, cheese and eggs; fish; and fruit**.
- Partially offset by **sugar, jam, syrups, chocolate and confectionery**.

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 breakfast cereals.

Meat

- Small upward effect.
- Prices overall rose this year but fell a year ago, particularly for fresh boneless chicken breasts.

Fish

- Small upward effect.
- Prices overall rose this year by more than a year ago, with the main upward contributions coming from fresh or chilled fish.

Milk, cheese and eggs

- Small upward effect.
- Prices overall rose this year but fell a year ago, with the main upward contributions coming from yoghurt products.
- Partially offset by a small downward contribution coming from cheese spread, where prices rose this year by less than a year ago.

Fruit

- Small upward effect.
- Prices overall rose this year but were little changed a year ago, with the main upward contribution coming from packets of peanuts.

Sugar, jam, syrups, chocolate and confectionery

- Small downward effect.
- Prices overall fell this year by more than a year ago, with the main downward contributions coming from chocolate covered ice cream bars and other chocolate products.
- Partially offset by a small upward contribution coming from ice cream, where prices overall rose this year but fell a year ago.

01.2 Non-alcoholic beverages	Weight 2016	Weight 2017 Feb-Dec	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to CPIH annual rate change
01.2 Non-alcoholic beverages	9	10	0.4	0.9	0.01
01.2.1 Coffee, tea and cocoa	2	3	0.1	4.2	0.01
01.2.2 Mineral waters, soft drinks and juices	7	7	0.5	-0.5	-0.01

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

- Due to **coffee, tea and cocoa**, where prices overall rose this year by more than a year ago, with the main upward contribution coming from instant coffee.
- Partially offset by **mineral waters, soft drinks and juices**, where prices overall fell this year but rose a year ago, particularly for fruit squashes. Partially offset by a small upward contribution coming from fresh/chilled orange juice, where prices overall rose this year but fell a year ago.

02 ALCOHOLIC BEVERAGES AND TOBACCO	Weight 2016	Weight 2017 Feb-Dec	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to CPIH annual rate change
02 Alcoholic beverages and tobacco	34	34	-0.6	-0.2	0.01

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

02.1 Alcoholic Beverages	Weight 2016	Weight 2017 Feb-Dec	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to CPIH annual rate change
02.1 Alcoholic beverages	15	16	-1.6	-1.1	0.01
02.1.1 Spirits	4	5	-2.0	-3.0	-0.01
02.1.2 Wine	7	7	-2.2	-1.0	0.01
02.1.3 Beer	4	4	-0.1	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, particularly for New World wine.
- Partially offset by **spirits**, where prices overall fell this year by more than a year ago, particularly for whisky.

02.2 Tobacco	Weight 2016	Weight 2017 Feb-Dec	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to CPIH annual rate change
02.2 Tobacco	19	18	0.3	0.7	0.01

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

03 CLOTHING AND FOOTWEAR	Weight 2016	Weight 2017 Feb-Dec	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to CPIH annual rate change
03 Clothing and footwear	58	58	1.3	1.2	-

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

03.1 Clothing	Weight 2016	Weight 2017 Feb-Dec	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to CPIH annual rate change
03.1 Clothing	50	49	1.4	1.3	-
03.1.2 Garments	44	44	1.5	1.6	0.01
03.1.3 Other clothing and clothing accessories	5	4	0.5	-1.9	-0.01
03.1.4 Cleaning, repair and hire of clothing	1	1	0.7	0.3	-

- Negligible overall effect on the all items 12-month rate change.
- There is a small downward contribution coming from **other clothing and clothing accessories**, where prices overall fell this year but rose a year ago, particularly for ladies' scarves.
- Offset by a small upward contribution coming from **garments**, where prices overall rose this year by more than a year ago, with the main upward effects coming from children's trousers, women's formal jackets and men's suits. Partially offset by small downward contributions coming from women's garments such as casual jackets and formal trousers and skirts.

03.2 Footwear including repairs	Weight 2016	Weight 2017 Feb-Dec	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to CPIH annual rate change
03.2 Footwear including repairs	8	9	0.8	0.7	-

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

04 HOUSING, WATER, ELECTRICITY, GAS AND OTHER FUELS	Weight 2016	Weight 2017 Feb-Dec	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to CPIH annual rate change
04 Housing, water, electricity, gas and other fuels	294	294	0.1	0.1	0.01

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

04.1 Actual rentals for housing	Weight 2016	Weight 2017 Feb-Dec	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to CPIH annual rate change
04.1 Actual rentals for housing	58	56	0.1	0.1	-

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

4.2 Owner occupiers' housing costs	Weight 2016	Weight 2017 Feb-Dec	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to CPIH annual rate change
4.2 Owner occupiers' housing costs	171	174	0.1	0.1	-

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

04.3 Regular maintenance and repair of the dwelling	Weight 2016	Weight 2017 Feb-Dec	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to CPIH annual rate change
04.3 Regular maintenance and repair of the dwelling	2	2	-0.3	-0.6	-
04.3.1 Materials for maintenance and repair	1	1	-0.7	-1.3	-
04.3.2 Services for maintenance and repair	1	1	0.1	0.1	-

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

04.4 Other services related to the dwelling	Weight 2016	Weight 2017 Feb-Dec	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to CPIH annual rate change
04.4 Other services related to the dwelling	9	9	-	-	-
04.4.1 Water supply	5	4	-	-	-
04.4.3 Sewerage collection	4	5	-	-	-

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

04.5 Electricity, gas and other fuels	Weight 2016	Weight 2017 Feb-Dec	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to CPIH annual rate change
04.5 Electricity, gas and other fuels	28	27	-0.5	-	0.01
04.5.1 Electricity	14	13	-	-	-
04.5.2 Gas	12	12	-0.7	-	0.01
04.5.3 Liquid fuels	1	1	-4.2	-1.6	-
04.5.4 Solid fuels	1	1	0.1	0.5	-

- Small upward effect on the all items 12-month rate change.
- Due to **gas**, where average charges were unchanged this year but fell a year ago.

4.9 Council tax and rates	Weight 2016	Weight 2017 Feb-Dec	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to CPIH annual rate change
4.9 Council tax and rates	26	26	-	-	-

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

05 FURNITURE, HOUSEHOLD EQUIPMENT AND MAINTENANCE	Weight 2016	Weight 2017 Feb-Dec	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to CPIH annual rate change
05 Furniture, household equipment and maintenance	49	49	1.7	2.4	0.04

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

05.1 Furniture, furnishings and carpets	Weight 2016	Weight 2017 Feb-Dec	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to CPIH annual rate change
05.1 Furniture, furnishings and carpets	16	18	2.8	3.4	0.02
05.1.1 Furniture and furnishings	13	15	3.3	3.8	0.02
05.1.2 Carpets and other floor coverings	3	3	0.9	0.9	-

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

05.2 Household textiles	Weight 2016	Weight 2017 Feb-Dec	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to CPIH annual rate change
05.2 Household textiles	6	6	2.2	3.0	0.01

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

05.3 Household appliances, fitting and repairs	Weight 2016	Weight 2017 Feb-Dec	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to CPIH annual rate change
05.3 Household appliances, fitting and repairs	7	7	0.5	1.2	0.01
05.3.1/2 Major appliances and small electric goods	6	6	0.6	1.4	0.01
05.3.3 Repair of household appliances	1	1	0.1	0.1	-

- Small upward effect on the all items 12-month rate change.
- Due to **major appliances and small electric goods**, where prices overall rose this year by more than a year ago. Partially offset by a small downward contribution coming from vacuum cleaners, where prices overall fell this year but rose a year ago.

05.4 Glassware, tableware and household utensils	Weight 2016	Weight 2017 Feb-Dec	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to CPIH annual rate change
05.4 Glassware, tableware and household utensils	5	4	1.6	3.3	0.01

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

05.5 Tools and equipment for house and garden	Weight 2016	Weight 2017 Feb-Dec	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to CPIH annual rate change
05.5 Tools and equipment for house and garden	4	4	0.2	2.0	0.01

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

05.6 Goods and services for routine maintenance	Weight 2016	Weight 2017 Feb-Dec	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to CPIH annual rate change
05.6 Goods and services for routine maintenance	11	10	1.0	0.9	-
05.6.1 Non-durable household goods	4	4	2.1	2.0	-
05.6.2 Domestic services and household services	7	6	0.4	0.2	-

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

06 HEALTH	Weight 2016	Weight 2017 Feb-Dec	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to CPIH annual rate change
06 Health	22	21	-	0.3	0.01

- Small upward effect on the all items 12-month rate change.
- Due to **medical products, appliances and equipment**.

06.1 Medical products, appliances and equipment	Weight 2016	Weight 2017 Feb-Dec	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to CPIH annual rate change
06.1 Medical products, appliances and equipment	10	10	-0.1	0.5	0.01
06.1.1 Pharmaceutical products	6	6	-0.1	0.8	0.01
06.1.2/3 Other medical and therapeutic equipment	4	4	-0.1	0.2	-

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

06.2 Out-patient services	Weight 2016	Weight 2017 Feb-Dec	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to CPIH annual rate change
06.2 Out-patient services	5	5	0.1	0.1	-
06.2.1/3 Medical and paramedical services	3	3	-	0.2	-
06.2.2 Dental services	2	2	0.1	-	-

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

06.3 Hospital services	Weight 2016	Weight 2017 Feb-Dec	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to CPIH annual rate change
06.3 Hospital Services	7	6	0.1	0.2	-

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

07 TRANSPORT	Weight 2016	Weight 2017 Feb-Dec	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to CPIH annual rate change
07 Transport	122	126	-	1.1	0.15

- Largest upward effect on the all items 12-month rate change.
- Due to **purchase of vehicles; operation of personal transport equipment; and transport services**.

07.1 Purchase of vehicles	Weight	Weight	1 month	1 month	Contribution to CPIH annual rate change
	2016	2017 Feb-Dec	% change Feb 2016	% change Feb 2017	
07.1 Purchase of vehicles	35	37	-0.7	0.7	0.05
07.1.1A New cars	20	21	0.2	0.5	0.01
07.1.1B Second-hand cars	13	14	-1.4	0.6	0.03
07.1.2/3 Motorcycles and bicycles	2	2	-5.5	3.1	0.02

- Large upward effect on the all items 12-month rate change.
- Due to **second-hand cars; motorcycles and bicycles; and new cars.**

New cars

- Small upward effect.
- Prices overall rose this year by more than a year ago.

Second-hand cars

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

Motorcycles and bicycles

- Small upward effect.
- Prices overall rose this year but fell a year ago, particularly for both children's and adult's bicycles.

07.2 Operation of personal transport equipment	Weight	Weight	1 month	1 month	Contribution to CPIH annual rate change
	2016	2017 Feb-Dec	% change Feb 2016	% change Feb 2017	
07.2 Operation of personal transport equipment	58	61	-0.4	0.5	0.05
07.2.1 Spare parts and accessories	4	4	-0.2	0.2	-
07.2.2 Fuels and lubricants	25	26	-1.0	1.2	0.06
07.2.3 Maintenance and repairs	18	20	0.1	-	-
07.2.4 Other services	11	11	0.2	-0.1	-

- Large upward effect on the all items 12-month rate change.
- Due to **fuels and lubricants**, where the average price of petrol across the month, as recorded for the CPIH, rose by 1.6 pence per litre between January and February 2017 to stand at 120.2 pence per litre. Last year, the average price of petrol fell by 0.4 pence per litre between January and February 2016 to stand at 101.4 pence per litre. The average price of diesel rose by 1.3 pence per litre between January and February 2017 to stand at 123.2 pence per litre, compared with a fall of 2.4 pence per litre a year earlier to stand at 101.1

pence per litre.

07.3 Transport services	Weight 2016	Weight 2017 Feb-Dec	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to CPIH annual rate change
07.3 Transport services	29	28	1.5	3.1	0.05
07.3.1 Passenger transport by railway	10	11	0.6	0.2	-
07.3.2 Passenger transport by road	10	10	-0.4	2.2	0.03
07.3.3 Passenger transport by air	6	4	5.6	6.0	-0.01
07.3.4 Passenger transport by sea and inland waterway	3	3	2.1	13.2	0.03

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

Passenger transport by road

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

Passenger transport by air

- Small downward effect.
- The downward contribution is due to weight changes in 2017. Average fares rose this year by more than a year ago. However, as the weight for passenger transport by air has decreased between 2016 and 2017, this has resulted in a small downward effect on the all items 12-month rate change.

Passenger transport by sea and inland waterway

- Small upward effect.
- Average sea fares rose this year by more than a year ago, with the main upward contribution coming from fares for international routes.

08 COMMUNICATION	Weight 2016	Weight 2017 Feb-Dec	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to CPIH annual rate change
08 Communication	25	21	0.8	0.9	-

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

08.1 Postal services	Weight 2016	Weight 2017 Feb-Dec	1 month % change Feb 2016	1 month % change Feb 2017	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 2016	Weight 2017 Feb-Dec	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to CPIH annual rate change
08.2/3 Telephone equipment and services	24	20	0.8	1.0	-

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

09 RECREATION AND CULTURE	Weight 2016	Weight 2017 Feb-Dec	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to CPIH annual rate change
09 Recreation and culture	119	121	-0.1	0.6	0.08

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

09.1 Audio-visual equipment and related products	Weight 2016	Weight 2017 Feb-Dec	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to CPIH annual rate change
09.1 Audio-visual equipment and related products	16	15	-	2.4	0.04
09.1.1 Equipment for the reception and reproduction of sound and pictures	4	3	1.4	3.7	0.01
09.1.2 Photographic, cinematographic and optical equipment	2	2	0.4	2.1	-
09.1.3 Data processing equipment	6	5	-2.8	2.4	0.03
09.1.4 Recording media	3	4	3.6	2.3	-
09.1.5 Repair of audio-visual equipment and related products	1	1	-	-0.2	-

- Large upward effect on the all items 12-month rate change.
- Due to **data processing equipment**; and **equipment for the reception and reproduction**

of sound and pictures.

Equipment for the reception and reproduction of sound and pictures

- Small upward effect.
- Prices overall rose this year by more than a year ago, with the main upward contribution coming from televisions.

Data processing equipment

- Small upward effect.
- Prices overall rose this year but fell a year ago, with the main upward contributions coming from laptops and tablets.

09.2 Other major durables for recreation and culture	Weight 2016	Weight 2017 Feb-Dec	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to CPIH annual rate change
09.2.1/2 Major durables for in/outdoor recreation	9	13	-	0.1	-

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

09.3 Other recreational items, gardens and pets	Weight 2016	Weight 2017 Feb-Dec	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to CPIH annual rate change
09.3 Other recreational items, gardens and pets	27	30	-0.9	-0.3	0.02
09.3.1 Games, toys and hobbies	16	16	-1.7	-1.6	-
09.3.2 Equipment for sport and open-air recreation	2	3	-0.3	-0.4	-
09.3.3 Gardens, plants and flowers	3	4	2.3	2.1	-
09.3.4/5 Pets, related products and services	6	7	-0.6	1.5	0.02

- Small upward effect on the all items 12-month rate change.
- Due to **pets, related products and services**, where prices overall rose this year but fell a year ago, particularly for complete dry dog food.

09.4 Recreational and cultural services	Weight 2016	Weight 2017 Feb-Dec	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to CPIH annual rate change
09.4 Recreational and cultural services	27	26	0.4	0.6	0.01
09.4.1 Recreational and sporting services	8	8	0.3	-0.1	-
09.4.2 Cultural services	19	18	0.4	0.9	0.01

- Small upward effect on the all items 12-month rate change.
- Due to **cultural services**, where average admission prices for live music events rose this year by more than a year ago. Partially offset by a small downward contribution from theatre admissions, where average prices fell this year but rose a year ago.

09.5 Books, newspapers and stationery	Weight 2016	Weight 2017 Feb-Dec	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to CPIH annual rate change
09.5 Books, newspapers and stationery	11	9	0.5	2.0	0.01
09.5.1 Books	3	3	-0.3	5.0	0.02
09.5.2 Newspapers and periodicals	4	3	1.6	0.1	-0.01
09.5.3/4 Misc. printed matter, stationery, drawing materials	4	3	-0.1	0.9	-

- Small upward effect on the all items 12-month rate change.
- Due to **books**.
- Partially offset by **newspapers and periodicals**.

Books

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

Newspapers and periodicals

- Small downward effect.
- Prices overall rose this year by less than a year ago.

09.6 Package holidays	Weight 2016	Weight 2017 Feb-Dec	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to CPIH annual rate change
09.6 Package holidays	29	28	-0.1	0.1	0.01

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

10 EDUCATION	Weight 2016	Weight 2017 Feb-Dec	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to CPIH annual rate change
10 Education	20	17	-	-	-

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

11 RESTAURANTS AND HOTELS	Weight 2016	Weight 2017 Feb-Dec	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to CPIH annual rate change
11 Restaurants and hotels	98	101	0.5	0.7	0.02

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

11.1 Catering services	Weight 2016	Weight 2017 Feb-Dec	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to CPIH annual rate change
11.1 Catering services	81	77	0.2	0.3	0.01
11.1.1 Restaurants and cafes	74	70	0.2	0.4	0.01
11.1.2 Canteens	7	7	0.1	0.2	-

- Small upward effect on the all items 12-month rate change.
- Due to **restaurants and cafes**, where prices overall rose this year by more than a year ago, with the main upward contributions coming from fast food and take away food services.

11.2 Accommodation services	Weight 2016	Weight 2017 Feb-Dec	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to CPIH annual rate change
11.2 Accommodation services	17	24	1.9	1.9	0.01

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

12 MISCELLANEOUS GOODS AND SERVICES	Weight 2016	Weight 2017 Feb-Dec	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to CPIH annual rate change
12 Misc. goods and services	76	77	-	0.3	0.02

- Small upward effect on the all items 12-month rate change.
- Due to **personal effects not elsewhere covered**.

12.1 Personal care	Weight 2016	Weight 2017 Feb-Dec	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to CPIH annual rate change
12.1 Personal care	25	25	-0.8	-0.7	-
12.1.1 Hairdressing and personal grooming establishments	6	6	-0.1	0.3	-
12.1.2/3 Appliances and products for personal care	19	19	-1.0	-1.0	-

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

12.3 Personal effects not elsewhere covered	Weight 2016	Weight 2017 Feb-Dec	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to CPIH annual rate change
12.3 Personal effects not elsewhere covered	12	11	1.1	2.6	0.02
12.3.1 Jewellery, clocks and watches	7	7	0.2	2.2	0.01
12.3.2 Other personal effects	5	4	2.4	3.4	-

- Small upward effect on the all items 12-month rate change.
- Due to **jewellery, clocks and watches**, where prices overall rose this year by more than a year ago, with the main upward contribution coming from diamond solitaire rings.

12.4 Social protection	Weight 2016	Weight 2017 Feb-Dec	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to CPIH annual rate change
12.4 Social protection	13	13	0.2	0.3	-

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

12.5 Insurance	Weight	Weight	1 month	1 month	Contribution
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	2016	2017	% change	% change	to CPIH annual
		Feb-Dec	Feb 2016	Feb 2017	rate change
12.5 Insurance	7	7	0.7	1.3	-
12.5.2 House contents insurance	2	2	-0.3	0.2	-
12.5.3 Health insurance	2	2	-	-	-
12.5.4 Transport insurance	3	3	1.8	2.9	-

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

12.6 Financial services not elsewhere covered	Weight	Weight	1 month	1 month	Contribution
	2016	2017	% change	% change	to CPIH annual
		Feb-Dec	Feb 2016	Feb 2017	rate change
12.6 Financial services not elsewhere covered	9	11	-0.2	-0.4	-

- 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
	2016	2017	% change	% change	to CPIH annual
		Feb-Dec	Feb 2016	Feb 2017	rate change
12.7 Other services not elsewhere covered	10	10	0.2	0.2	-

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

RPI SUMMARY

CONTRIBUTIONS TO CHANGE IN THE RPI ANNUAL RATE

GROUPS	Weight 2016	Weight 2017	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to RPI annual rate change
FOOD	102	102	0.2	1.1	0.10
CATERING	47	48	0.2	0.4	0.01
ALCOHOLIC DRINKS	57	57	-0.4	-0.2	0.01
TOBACCO	25	24	0.3	0.7	0.01
HOUSING	266	266	0.1	0.4	0.07
FUEL AND LIGHT	41	38	-0.5	-0.1	0.02
HOUSEHOLD GOODS	62	65	2.5	3.5	0.08
HOUSEHOLD SERVICES	67	64	0.4	0.7	0.02
CLOTHING AND FOOTWEAR	41	41	4.3	5.0	0.03
PERSONAL GOODS AND SERVICES	42	38	0.3	0.5	0.01
MOTORING EXPENDITURE	117	123	-0.1	1.3	0.18
FARES AND OTHER TRAVEL COSTS	26	26	1.9	3.5	0.04
LEISURE GOODS	29	29	0.9	2.4	0.04
LEISURE SERVICES	78	79	0.3	0.4	0.01

RPI NOTABLE MOVEMENTS

All items RPI	Annual rate +3.2%, up from +2.6% last month Also +3.2% in September 2013 Last higher in August 2013 (+3.3%)
All items RPI exc MIPS (RPIX)	Annual rate +3.5%, up from +2.9% last month Also +3.5% in April 2012 Last higher in March 2012 (+3.7%)
Food	Annual rate +0.5%, up from -0.4% last month Highest since April 2014 (+0.8%)
Non seasonal food	Annual rate +0.1%, up from -0.4% last month Highest since July 2014 (+0.6%)
Seasonal food	Annual rate +2.1%, up from -0.6% last month Highest since November 2013 (+3.8%)
Catering	Annual rate +2.6%, up from +2.4% last month Highest since October 2013 (+2.7%)
Alcoholic drinks	Annual rate +1.8%, up from +1.6% last month Highest since December 2014 (+2.0%)
Fuel and light	Annual rate +0.5%, up from 0.0% last month Highest since November 2014 (+4.0%)
Household goods	Annual rate +3.2%, up from +2.2% last month Also +3.2% in February 2014 Last higher in August 2013 (+3.3%)
Motoring expenditure	Annual rate +8.7%, up from +7.2% last month Also +8.7% in September 2011 and June 2011 Last higher in May 2011 (+9.4%)
Leisure goods	Annual rate +3.7%, up from +2.2% last month Also +3.7% in August 2014 Last higher in June 2014 (+3.8%)
All goods	Annual rate +3.8%, up from +2.8% last month Also +3.8% in April 2012 Last higher in March 2012 (+4.1%)
All services	Annual rate +2.6%, up from +2.3% last month Highest since December 2016 (+2.7%)
Petrol and oil	Annual rate +19.4%, up from +16.2% last month Highest since May 2010 (+23.0%)

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 2016	Weight 2017	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to RPI annual rate change
FOOD	102	102	0.2	1.1	0.10

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

Seasonal Food	Weight 2016	Weight 2017	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to RPI annual rate change
SEASONAL FOOD	18	18	0.1	2.8	0.05
Home killed lamb	1	1	2.3	2.9	-
Fresh fish	2	2	2.1	2.9	-
Eggs	1	1	-0.7	0.4	-
Unprocessed potatoes	1	1	-	-0.7	-
Other fresh vegetables	6	6	-0.7	7.0	0.05
Fresh fruit	7	7	-0.2	-	-

- Large upward effect on the all items 12-month rate change.
- Due to **other fresh vegetables**, where prices overall rose this year but fell a year ago, particularly for lettuce, tomatoes and courgettes. A combination of flooding, cold weather and poor light levels in southern Europe has caused poor growing conditions, leading to stock shortages in British stores. (bbc.co.uk 3 February 2017)

Non-Seasonal Food	Weight 2016	Weight 2017	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to RPI annual rate change
NON-SEASONAL FOOD	84	84	0.2	0.7	0.05
Bread	4	4	2.1	0.6	-0.01
Cereals	4	3	1.3	4.6	0.01
Biscuits and cakes	6	6	-1.7	-1.2	-
Beef	4	4	1.2	1.0	-
Imported lamb	1	1	0.5	8.1	0.01
Pork	1	1	-1.0	0.8	-
Bacon	1	1	-2.8	-0.5	-
Poultry	4	3	-0.2	2.0	0.01
Other meat	6	6	-0.4	-0.3	-
Processed fish	2	2	3.9	5.8	-
Butter	1	1	-0.5	-0.9	-
Oils and fats	1	1	1.4	0.8	-
Cheese	3	3	1.5	0.6	-
Milk, fresh	3	3	0.2	1.0	-
Milk products	4	4	-3.3	0.7	0.02
Tea	1	1	1.5	1.6	-
Soft drinks	9	8	0.7	-0.4	-0.01
Sugar and preserves	1	1	1.1	0.1	-
Sweets and chocolates	11	11	-2.6	-3.3	-0.01
Potato products	2	3	5.7	-2.7	-0.02
Processed vegetables	2	2	5.1	2.7	-
Processed fruit	1	2	0.8	6.6	0.01
Other foods	10	11	1.6	3.1	0.02
Coffee and other hot drinks	2	2	-1.0	6.8	0.02

- Large upward effect on the all items 12-month rate change.
- Due to:
 - **Milk products, coffee and other hot drinks** and **poultry**, where prices overall rose this year but fell a year ago, with the main upward contributions coming from instant coffee, yoghurt/fromage frais and fresh boneless chicken breasts; and
 - **Other foods, cereals, imported lamb** and **processed fruit**, where prices overall rose this year by more than a year ago, with the main upward contributions coming from dried potted snacks, packets of peanuts, frozen legs of imported lamb and chilled pizzas. Partially offset by downward contributions coming from cook-in sauces and mayonnaise.
- Partially offset by:
 - **Potato products** and **soft drinks**, where prices overall fell this year but rose a year ago, particularly for potato crisps and fruit squashes. Partially offset by a small upward contribution coming from fresh/chilled orange juice, where prices rose this year but fell a year ago;
 - **Sweets and chocolates**, where prices overall fell this year by more than a year ago,

particularly for cartons/boxes of chocolates. Partially offset by a small upward contribution coming from bags of non-chocolate sweets, where prices overall rose this year but fell a year ago; and

- **Bread**, where prices overall rose this year by less than a year ago, with the main downward contribution coming from garlic bread.

CATERING	Weight 2016	Weight 2017	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to RPI annual rate change
CATERING	47	48	0.2	0.4	0.01
Restaurant meals	28	29	0.2	0.3	-
Canteen meals	3	3	-	0.3	-
Take-away meals and snacks	16	16	0.2	0.4	-

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

ALCOHOLIC DRINKS	Weight 2016	Weight 2017	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to RPI annual rate change
ALCOHOLIC DRINKS	57	57	-0.4	-0.2	0.01
Beer on sales	19	19	0.3	0.3	-
Beer off sales	5	5	0.2	1.2	-
Wines and spirits on sales	19	19	0.3	0.2	-
Wines and spirits off sales	14	14	-2.4	-1.9	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, particularly for whisky. Partially offset by a small upward contribution coming from New World wine.

TOBACCO	Weight 2016	Weight 2017	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to RPI annual rate change
TOBACCO	25	24	0.3	0.7	0.01
Cigarettes	21	20	0.3	0.6	-
Other tobacco products	4	4	0.1	1.3	-

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

HOUSING	Weight 2016	Weight 2017	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to RPI annual rate change
HOUSING	266	266	0.1	0.4	0.07
Rent	83	84	0.1	0.1	-
Mortgage interest payments	28	25	-0.1	-	-
Council tax and rates	40	39	-	-	-
Water and other charges	13	13	-	-	-
Repairs and maintenance charges	9	9	0.1	0.1	-
DIY materials	7	6	-	0.1	-
Dwelling insurance and ground rent	6	6	0.3	1.5	0.01
House depreciation	80	84	0.3	1.0	0.06

- Large 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 to a lesser extent
 - **Dwelling insurance and ground rent**, where average charges rose this year by more than a year ago, particularly for dwelling insurance.

FUEL AND LIGHT	Weight 2016	Weight 2017	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to RPI annual rate change
FUEL AND LIGHT	41	38	-0.5	-0.1	0.02
Coal and solid fuels	1	1	0.1	0.5	-
Electricity	20	19	-	-	-
Gas	18	16	-0.7	-	0.01
Oil and other fuels	2	2	-3.4	-1.2	-

- Small upward effect on the all items 12-month rate change.
- Due to **gas**, where average charges were unchanged this year but fell a year ago.

HOUSEHOLD GOODS	Weight 2016	Weight 2017	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to RPI annual rate change
HOUSEHOLD GOODS	62	65	2.5	3.5	0.08
Furniture	25	26	4.3	5.1	0.03
Furnishings	8	10	2.5	2.7	0.01
Electrical appliances	7	6	2.8	2.9	-
Other household equipment	4	4	1.3	3.4	0.01
Household consumables	11	11	0.8	1.5	0.01
Pet care	7	8	-0.7	2.2	0.02

- Large upward effect on the all items 12-month rate change.
- Due to:
 - **Furniture, furnishings, other household equipment** and **household consumables**, where prices overall rose this year by more than a year ago, with the main upward contributions coming from bedroom furniture, non-leather suites and bleach. Partially offset by downward contributions coming from household cleaner creams/liquids and dining room furniture; and
 - **Pet care**, where prices overall rose this year but fell a year ago, particularly for complete dry dog food.

HOUSEHOLD SERVICES	Weight 2016	Weight 2017	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to RPI annual rate change
HOUSEHOLD SERVICES	67	64	0.4	0.7	0.02
Domestic services	14	15	0.3	0.3	-
Fees and subscriptions	27	22	0.3	0.1	-0.01
Postage	1	1	-	-	-
Telephone charges	25	26	0.7	1.5	0.02

- Small upward effect on the all items 12-month rate change.
- Due to **telephone charges**, where prices overall rose this year by more than a year ago, with the main upward contributions coming from mobile phone applications and bundled telecommunication services.
- Partially offset by **fees and subscriptions**, where prices overall rose this year by less than a year ago, with the main downward contribution coming from estate agent fees.

CLOTHING AND FOOTWEAR	Weight 2016	Weight 2017	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to RPI annual rate change
CLOTHING AND FOOTWEAR	41	41	4.3	5.0	0.03
Men's outerwear	9	8	2.2	4.4	0.02
Women's outerwear	15	15	7.8	8.4	0.01
Children's outerwear	4	5	1.7	2.4	0.01
Other clothing	5	5	1.8	1.5	-
Footwear	8	8	2.6	2.5	-

- Small upward effect on the all items 12-month rate change.
- Due to **men's outerwear**, **women's outerwear** and **children's outerwear**, where prices overall rose this year by more than a year ago, particularly for women's formal jackets.

PERSONAL GOODS AND SERVICES	Weight 2016	Weight 2017	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to RPI annual rate change
PERSONAL GOODS AND SERVICES	42	38	0.3	0.5	0.01
Personal articles	12	9	2.1	3.1	-
Chemists' goods	15	15	-0.9	-0.7	-
Personal services	15	14	-	0.2	-

- 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 moisturiser/day cream.

MOTORING EXPENDITURE	Weight 2016	Weight 2017	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to RPI annual rate change
MOTORING EXPENDITURE	117	123	-0.1	1.3	0.18
Purchase of motor vehicles	45	46	-0.7	0.7	0.06
Maintenance of motor vehicles	16	16	0.1	-	-
Petrol and oil	33	37	-1.0	1.7	0.10
Vehicle tax and insurance	23	24	2.0	2.9	0.02

- Largest upward effect on the all items 12-month rate change.
- Due to:
 - **Petrol and oil**, where prices overall rose this year but fell a year ago. The price of petrol, as recorded for the RPI, rose by 2.2 pence per litre between January and February 2017, to stand at 120.2 pence per litre, compared with a fall of 0.4 pence per litre last year to stand at 101.5 pence per litre. Diesel prices rose by 1.9 pence per

litre, to stand at 123.2 pence per litre in February 2017, compared with a fall of 2.2 pence per litre last year to stand at 101.2 pence per litre;

- **Purchase of motor vehicles**, where prices overall rose this year but fell a year ago, with the main upward contributions coming from both second-hand and new cars; and to a lesser extent
- **Vehicle tax and insurance**, where average premiums for car insurance rose this year by more than a year ago.

FARES AND OTHER TRAVEL COSTS	Weight 2016	Weight 2017	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to RPI annual rate change
FARES AND OTHER TRAVEL COSTS	26	26	1.9	3.5	0.04
Rail fares	7	6	0.5	0.3	-
Bus and coach fares	3	3	-0.7	4.4	0.02
Other travel costs	16	17	3.0	4.5	0.03

- Large upward effect on the all items 12-month rate change.
- Due to:
 - **Other travel costs**, where prices overall rose this year by more than a year ago, with the main upward contributions coming from air fares and children's bicycles; and
 - **Bus and coach fares**, where average coach fares rose this year but fell a year ago.

LEISURE GOODS	Weight 2016	Weight 2017	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to RPI annual rate change
LEISURE GOODS	29	29	0.9	2.4	0.04
Audio-visual equipment	7	6	1.5	4.3	0.02
CDs and tapes	2	2	2.4	3.8	-
Toys, photographic and sports goods	9	9	0.1	0.3	-
Books and newspapers	6	6	1.2	2.7	0.01
Gardening products	5	6	2.8	2.9	-

- Large upward effect on the all items 12-month rate change.
- Due to **audio-visual equipment** and **books and newspapers**, where prices overall rose this year by more than a year ago, with the main upward contributions coming from laptop computers and eBooks.

LEISURE SERVICES	Weight 2016	Weight 2017	1 month % change Feb 2016	1 month % change Feb 2017	Contribution to RPI annual rate change
LEISURE SERVICES	78	79	0.3	0.4	0.01
TV licence and rentals	12	12	-	-	-
Entertainment and other recreation	16	16	0.7	0.7	-
Foreign holidays	40	40	-0.1	0.1	0.01
UK holidays	10	11	1.2	1.3	-

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

RECONCILIATION OF CPI AND RPI

(Table 5 of the Consumer Price Inflation Dataset)

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

This table currently compares CPI with RPI. In due course it will be updated to compare CPIH with RPI.

The difference between the CPI and RPI unrounded annual rates in February 2017 was -0.93 percentage points, widening from -0.79 percentage points in January 2017.

The main factors contributing to the widening were:

- **The formula effect**, which increased the RPI 12-month rate relative to the CPI 12-month rate by 0.07 percentage points between January 2017 and February 2017. The effect came mainly from clothing and footwear, and furniture, household equipment and maintenance.
- **Other housing components excluded from the CPI**, which increased the RPI 12-month rate relative to the CPI 12-month rate by 0.06 percentage points between January 2017 and February 2017. The effect came mainly from house depreciation.

There were no off-setting factors.

RPI MISCELLANEOUS DATA

Selected Average Prices

Description		December 2016	January 2017	February 2017
Petrol per litre	Diesel	£1.18	£1.21	£1.23
	Petrol	£1.14	£1.18	£1.20
Alcohol pub prices	Draught bitter (pint)	£3.01	£3.02	£3.02
	Draught lager (pint)	£3.52	£3.52	£3.52
	Whisky (per nip)	£2.73	£2.73	£2.73
Cigarettes	Per 20 king size	£9.48	£9.49	£9.21

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
February 2016	+0.5	Down -0.01% points	-0.01% points
March 2016	+0.4	Down -0.01% points	-0.01% points
April 2016	+0.1	Down -0.02% points	-0.02% points
May 2016	+0.3	Down -0.01% points	-0.01% points
June 2016	+0.4	Down -0.02% points	-0.02% points
July 2016	+0.1	Down -0.01% points	-0.01% points
August 2016	+0.4	Down -0.12% points	-0.11% points
September 2016	+0.2	Up +0.06% points	+0.05% points
October 2016	0.0	Down -0.09% points	-0.08% points
November 2016	+0.3	Down -0.03% points	-0.03% points
December 2016	+0.6	Down -0.02% points	-0.02% points
January 2017	-0.6	Down -0.01% points	-0.01% points
February 2017	+1.1	Down -0.01% points	-0.01% points

NB: A one percentage point change in the average mortgage interest rate contributes approx. 0.9 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 tended to fall in March of recent years and are typically dependent on weather conditions both in the UK and around the world.

Monthly % change for CPIH seasonal food index			
Year	January	February	March
2011	-1.1	0.5	-2.0
2012	-1.5	1.3	-0.2
2013	0.2	1.6	-0.7
2014	0.1	-0.4	-0.5
2015	-1.1	-0.3	-0.4
2016	-1.1	1.4	-0.9
2017	-0.8	2.2	

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

ALCOHOLIC BEVERAGES AND TOBACCO

- As announced at the March 2017 Budget, all alcohol duty rates will increase in line with inflation (based on RPI).
- As announced at the March 2017 Budget, duty rates on tobacco products will increase by 2% above the RPI rate of inflation on all tobacco duty rates each year until the end of the next Parliament.

CLOTHING AND FOOTWEAR

- With the exception of 2015, prices for clothing and footwear have tended to rise in March due to continued recoveries following the January sales.

Monthly % change for CPIH clothing and footwear index			
Year	January	February	March
2011	-5.9	3.6	1.1
2012	-4.8	2.8	2.1
2013	-5.4	2.0	2.3
2014	-5.4	1.1	1.8
2015	-3.7	1.3	-0.1
2016	-3.1	1.3	1.0
2017	-4.2	1.2	

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

ELECTRICITY, GAS AND OTHER FUELS

- EDF Energy has announced variable electricity prices will rise by 8.4% from 1 March 2017. (media.edfenergy.com 16 December 2016)
- npower is to increase a typical dual fuel annual energy bill by on average 9.8% or £109. This is made up of an average increase of 4.8% on gas and 15% on electricity. The new charges will come into effect on 16 March. (npowermediacentre.com 3 February 2017)
- ScottishPower is to increase its standard domestic gas and electricity prices from 31 March 2017. Dual fuel prices will increase by an average of 7.8%, electricity prices will increase by an average of 10.8% and gas prices by an average of 4.7%. (scottishpower.com 10 February 2017)
- SSE has announced it is to increase standard GB domestic electricity prices from 28 April. The price change equates to a £73 or an average 6.9% rise for a typical dual fuel customer, as a result of an average 14.9% electricity price increase. (sse.com 13 March 2017)

FURNITURE, HOUSEHOLD EQUIPMENT AND MAINTENANCE

- Prices tend to rise in March due to continued recoveries following the January sales.

Monthly % change for CPIH furniture, household equipment and maintenance index			
Year	January	February	March
2011	-1.8	1.4	1.7
2012	-2.3	1.6	1.4
2013	-2.3	1.5	0.8
2014	-3.1	2.5	0.3
2015	-2.5	1.4	0.4
2016	-2.3	1.7	0.7
2017	-2.5	2.4	

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

HEALTH

Prescription Charges

- The Department of Health has announced that NHS prescription charges for England will rise by 20 pence to £8.60 from 1 April 2017. (www.gov.uk 16 March 2017)

NHS Dental Charges

- The Department of Health has announced that NHS dental charges for England will rise from £19.70 to £20.60 for Band 1, from £53.90 to £56.30 for Band 2 and from £233.70 to £244.30 for Band 3 from 1 April 2017. (www.gov.uk 16 March 2017)

TRANSPORT

Fuels and Lubricants

- Oil prices fell more than 1 percent as investors made record cuts to bets on rising prices after

strong drilling data from the United States fed concerns about the effectiveness of OPEC-led production cuts to curb a supply glut. Benchmark Brent crude futures were down 60 cents at \$51.16 a barrel, U.S. West Texas Intermediate (WTI) crude futures were trading 71 cents lower at \$48.07 a barrel. (uk.reuters.com 20 March 2017)

- When considering the price of petrol between February and March 2017, it may be useful to note that the average price of petrol rose by 0.9 pence per litre between February and March 2016, standing at 102.3 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.

Vehicle Excise Duty (VED)

- The March 2017 Budget announced that from 1 April 2017 VED rates will increase in line with the RPI for cars, vans, and motorcycles registered between 1 March 2001 and 1 April 2017. From 1 April revised VED bands will also come into effect for vehicles first registered after 1 April 2017.

Passenger Transport by Air

- Air fares have tended to rise in March of recent years.

Monthly % change for CPIH air fares index			
Year	January	February	March
2011	-30.9	2.1	2.1
2012	-28.4	-1.6	4.4
2013	-20.5	9.2	5.3
2014	-18.5	3.3	1.9
2015	-17.1	5.3	2.7
2016	-35.8	5.6	22.9
2017	-36.0	6.0	

- 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.

COMMUNICATION

Postal Services

- Royal Mail has announced that from 27 March 2017, the prices of a First Class stamp and a Second Class stamp will rise by 1p to 65p and 56p respectively. (royalmailgroup.com 24 February 2017)

HOUSING (RPI)

Mortgage interest payments (MIPs)

- The Bank of England Bank Rate remained unchanged at 0.25% on Thursday 16 March 2017. The next announcement and minutes from the Bank of England's Monetary Policy Committee are scheduled to be published on 11 May 2017.
- The change in average mortgage interest rates recorded in the RPI was -0.01% between February and March 2016. The Bank of England Bank Rate remained unchanged at 0.5% in February 2016.
- A one percentage point change in the average mortgage interest rate contributes approximately 0.9 percentage points to the 1-month percentage change in the RPI.

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