

Statistical bulletin

Consumer price inflation, UK: June 2016

Price indices, percentage changes and weights for the different measures of consumer price inflation.



Contact: Philip Gooding cpi@ons.gsi.gov.uk +44 (0)1633 456900 Release date: 19 July 2016 Next release: 16 August 2016

Table of contents

- 1. Main points
- 2. A brief description of consumer price inflation
- 3. Consumer Prices Index (CPI)
- 4. <u>CPIH</u>
- 5. Retail Prices Index (RPI) and RPIJ
- 6. Guide to data
- 7. Background notes

1. Main points

The Consumer Prices Index (CPI) rose by 0.5% in the year to June 2016, compared with a 0.3% rise in the year to May.

The June rate is a little above the position seen for most of 2016, though it is still relatively low historically.

Rises in air fares, prices for motor fuels and a variety of recreational and cultural goods and services were the main contributors to the increase in the rate.

These upward pressures were partially offset by falls in the price of furniture and furnishings and accommodation services.

CPIH (not a National Statistic) rose by 0.8% in the year to June 2016, up from 0.7% in May.

2. A brief description of consumer price inflation

Consumer price inflation is the rate at which the prices of goods and services bought by households rise or fall. It is estimated by using price indices. A way to understand this is to think of a very large shopping basket containing all the goods and services bought by households. Movements in price indices represent the changing cost of this basket. The infographic <u>How is the Consumer Price Index calculated?</u> explains how consumer price inflation is calculated. Consumer price indices are published monthly.

A price index can be used to measure inflation in a number of ways. The most common is to look at how the index has changed over a year. This is calculated by comparing the price index for the latest month with the same month a year ago. This is known as the 12-month inflation rate. This bulletin measures inflation to June 2016, so the 12-month rate measures changes in prices between June 2015 and June 2016.

A range of measures of consumer price and other price inflation are published. <u>A tale of many price indices</u> summarises information on the different measures.

3. Consumer Prices Index (CPI)

What is the 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 UK 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 <u>Users and uses of consumer price inflation</u> <u>statistics (2013)</u>.

Latest figure and long-term trend

The CPI 12-month rate (the amount prices change over a year) between June 2015 and June 2016 stood at 0.5%. This means that a basket of goods and services that would have cost $\pounds100.00$ in June 2015 cost $\pounds100.50$ in June 2016.

The rate is the same as observed for March and slightly above the 0.3% recorded for all other months of 2016. The rates for 2016 to date are still relatively low but are above those generally experienced in 2015, which was a year of historically low inflation, with the rate being at or around zero for much of the year. The largest downward pull on inflation in June 2016 and for 2016 to date comes from prices for food and non-alcoholic beverages. There also continues to be a downward pressure from transport prices, but this has eased during 2016 from the 2015 position. Upward pressures come from a variety of categories, most notably restaurant and hotel bills.

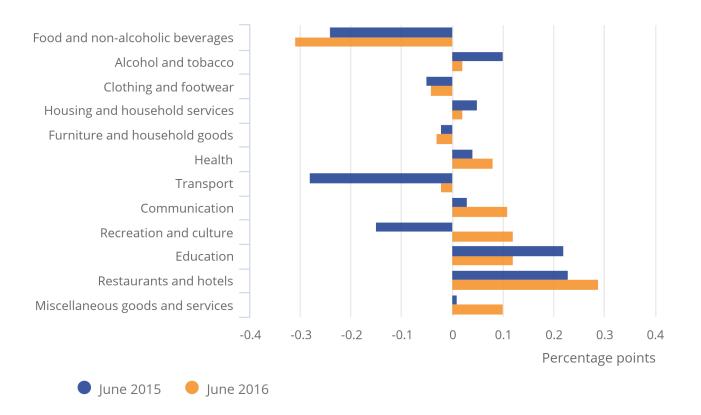
Figure A shows the contributions to the CPI 12-month rate in June 2016 compared with the contributions to the 12-month rate a year earlier.

Figure A: Contributions to the CPI 12-month rate, June 2015 and June 2016

UK

Figure A: Contributions to the CPI 12-month rate, June 2015 and June 2016

UK



Source: Office for National Statistics

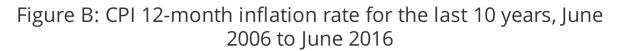
Notes:

- 1. Individual contributions may not sum to the total due to rounding.
- 2. More information on the contents of each group can be found in Table 3 in the accompanying consumer price inflation dataset tables.

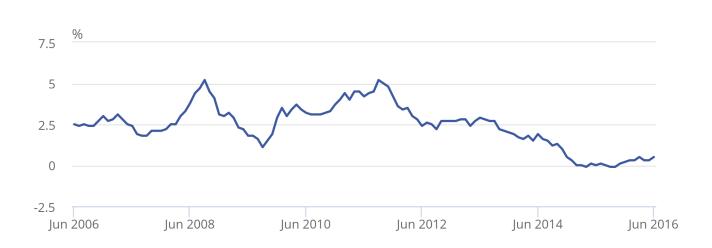
Figure B shows the CPI 12-month rate for the last 10 years. Table A shows the CPI 1-month rate (the amount prices change between 2 consecutive months), 12-month rate and index values for the last year.

Figure B: CPI 12-month inflation rate for the last 10 years, June 2006 to June 2016

UK







Source: Office for National Statistics

		Index ¹ (UK, 2015 = 100)	1-month rate	12-month rate
2015	Jun	100.2	0.0	0.0
	Jul	100.0	-0.2	0.1
	Aug	100.3	0.2	0.0
	Sep	100.2	-0.1	-0.1
	Oct	100.3	0.1	-0.1
	Nov	100.3	0.0	0.1
	Dec	100.3	0.1	0.2
2016	Jan	99.5	-0.8	0.3
	Feb	99.8	0.2	0.3
	Mar	100.2	0.4	0.5
	Apr	100.2	0.1	0.3
	May	100.4	0.2	0.3
	Jun	100.6	0.2	0.5

Table A: CPI index values, 1-month and 12-month rates, June 2015 to June 2016

Source: Office for National Statistics

Notes:

UK

1. From February 2016, CPI and CPIH indices have been re-referenced and published with 2015=100. This does not impact on published inflation rates.

Consumer Prices Index (CPI): What are the main movements?

This section explains which goods and services had the biggest impact on the change to the 12-month rate between May and June 2016 and, where relevant, considers the longer-term inflationary trends for these goods and services.

The change in the CPI 12-month rate can be calculated by comparing the 12-month rates for 2 consecutive months. An alternative, and equally valid, approach is to calculate it by comparing the price change between the latest 2 months and the price change between the same 2 months a year ago. The diagram <u>explaining the</u> <u>contribution to change in the 12-month rate (2013)</u> explains the calculation.

The CPI rose by 0.2% between May and June 2016, compared with a negligible change between the same 2 months a year earlier. The 1-month movement was therefore 0.2 percentage points higher this year compared with a year ago, leading to a rise in the CPI 12-month rate.

Between May and June 2016, the main upward contributions to the change in the CPI 12-month rate came from the following groups.

Transport: prices, overall, rose by 1.1% between May and June this year compared with a rise of 0.2% between the same 2 months a year ago. Within transport, the largest upward effect came from air fares, which rose by more than a year ago, with the main contribution coming from European routes. The 10.9% rise in fares this year was the largest May to June movement on record although it is important to note that air fares are highly variable. Motor fuel prices also rose by more than a year ago, with petrol and diesel prices rising by 2.3 and 2.6 pence per litre respectively between May and June 2016. A smaller upward effect came from changes in sea transport fares, though this was offset by a downward pull from rail transport.

Recreation and culture: prices, overall, rose by 0.6% this year compared with a fall of 0.1% a year ago. The upward contribution came principally from games, toys and hobbies (particularly computer games) with prices rising between May and June 2016 compared with a fall last year. Other smaller upward effects came from cultural services and books.

Communication: the upward contribution came from telephone equipment and services with prices, overall, rising by 0.6% between May and June this year compared with a fall of 0.2% between the same 2 months a year ago. The effect came principally from mobile phone charges which fell this year but by less than a year ago.

The main downward contributions to the change in the CPI 12-month rate between May and June 2016 came from the following groups.

Furniture, household equipment and maintenance: prices, overall, fell by 0.3% between May and June this year but rose by 0.3% between the same 2 months a year ago. The downward contribution came almost entirely from furniture and furnishings, particularly kitchen units.

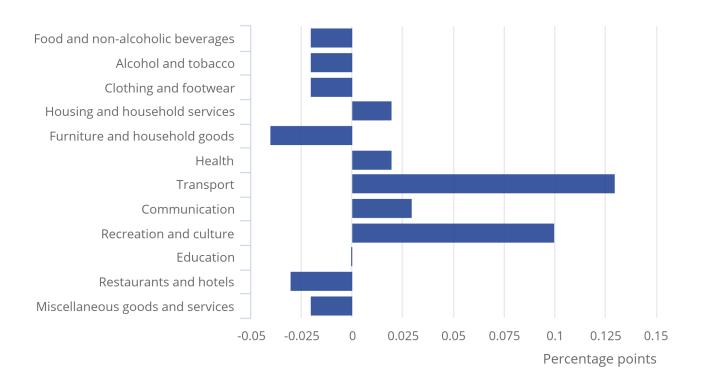
Restaurants and hotels: prices, overall, rose by 0.1% this year compared with a larger rise of 0.4% a year ago. The downward effect came from accommodation services, where prices for overnight hotel accommodation fell this year but rose a year ago.

Figure C shows the contributions to the change from each part of the CPI basket of goods and services.

UK

Figure C: Contributions to the change in the CPI 12-month rate, June 2016

UK



Source: Office for National Statistics

Notes:

- 1. Individual contributions may not sum to the total due to rounding.
- 2. More information on the contents of each group can be found in Table 3 in the accompanying consumer price inflation dataset tables.

4.CPIH

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 <u>Statistics on consumer Price Inflation including</u>. <u>Owner Occupiers' Housing Costs</u>, 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. The actions taken to address these requirements will be reported to the UK Statistics Authority by September 2016.

CPIH is a measure of UK consumer price inflation that includes owner occupiers' housing costs (OOH). These are the costs of housing services associated with owning, maintaining and living in one's own home. OOH does not include costs such as utility bills, minor repairs and maintenance, which are already included in the index.

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 for a measure of consumption. OOH currently accounts for 16.5% of the expenditure weight of CPIH. This compares with a weight of 19.5% in 2005.

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. A full description of how CPIH is compiled is given in the <u>Consumer Price Indices technical manual</u> and in various papers published on the <u>prices guidance and methodology webpage</u>.

In June 2016, the 12-month rate (the rate at which prices increased between June 2015 and June 2016) for CPIH stood at 0.8%, up from 0.7% in May 2016. The difference between the CPI and CPIH annual rates in June 2016 was 0.3 percentage points, down from 0.4 percentage points in May. This narrowing was principally due to rounding. Owner occupiers' housing costs increased by 0.1% between May and June 2016, the same as the movement between these months a year earlier. This meant that they had a negligible impact on the change in the CPIH 12-month rate between the 2 months.

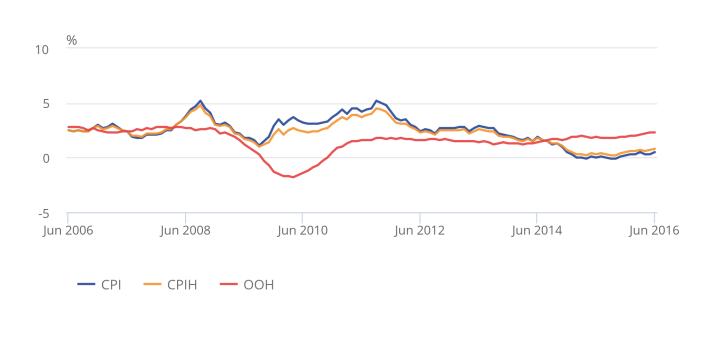
Figure D shows the CPIH and OOH component 12-month rates for the last 10 years. The CPI 12-month rate has been included for comparative purposes. Table B shows the CPIH and OOH component 1-month and 12-month rates and index values for the last year. More CPIH data are available in Tables 21 to 34 of the <u>Consumer Price</u><u>Inflation dataset</u>.

Figure D: CPIH, OOH component and CPI 12-month rates for the last 10 years, June 2006 to June 2016

UK







Source: Office for National Statistics

Notes:

1. 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. The assessment report includes a number of requirements that need to be implemented for CPIH to regain its status as a National Statistic.

UK							
		CPIH Index ^{1,2} (UK, 2015 = 100)	OOH Index ^{1,2} (UK, 2015 = 100)	² rate	OOH 1-month ² rate	CPIH 12-month ² rate	OOH 12-month ² rate
2015	Jun	100.1	99.9	0.1	0.1	0.3	1.9
	Jul	100.0	100.0	-0.1	0.1	0.4	1.8
	Aug	100.3	100.2	0.2	0.2	0.3	1.8
	Sep	100.2	100.4	-0.1	0.1	0.2	1.8
	Oct	100.3	100.5	0.1	0.2	0.2	1.8
	Nov	100.3	100.8	0.0	0.3	0.4	1.9
	Dec	100.4	100.9	0.1	0.2	0.5	1.9
2016	Jan	99.8	101.2	-0.6	0.3	0.6	2.0
	Feb	100.1	101.3	0.2	0.1	0.6	2.0
	Mar	100.4	101.5	0.3	0.2	0.7	2.1
	Apr	100.5	101.8	0.1	0.3	0.6	2.2
	Мау	100.7	102.1	0.2	0.3	0.7	2.3
	Jun	100.9	102.2	0.2	0.1	0.8	2.3

Source: Office for National Statistics

Notes:

1. From February 2016, CPI and CPIH indices have been re-referenced and published with 2015=100. This does not impact on published inflation rates.

2. 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. The assessment report includes a number of requirements that need to be implemented for CPIH to regain its status as a National Statistic.

5. Retail Prices Index (RPI) and RPIJ

In accordance with the Statistics and Registration Service Act 2007, the Retail Prices Index (RPI) 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 <u>full assessment report</u> 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 <u>Users and uses of consumer price inflation statistics (2013)</u>.

RPIJ is an improved variant of the RPI and is calculated using formulae that meet international standards. The rationale for creating RPIJ was to give users a better alternative to the RPI if their needs were for a measure of inflation based on the same population, classifications, weights, and so on as the RPI. Currently, RPIJ also acts as an analytical series, in that it allows users to see the impact of using the Jevons (which meets international standards) in place of the Carli formula (which does not meet international standards) in the RPI. The use of the different formulae at the elementary aggregate level is currently the only difference between the 2 indices. Detailed goods and services indices are not produced for RPIJ.

In June 2016, the 12-month rate for RPIJ stood at 0.9%, up from 0.7% in May.

The RPI 12-month rate for June 2016 stood at 1.6%, meaning that it was 0.7 percentage points higher than it would have been had it used formulae that meet international standards.

Figure E shows the RPI and RPIJ 12-month rates for the last 10 years. Over this period the RPIJ 12-month rate has been, on average, 0.6 percentage points lower than the RPI.

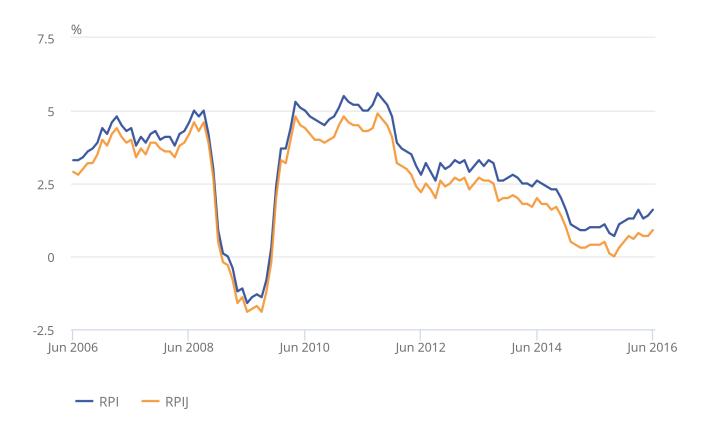
Table C shows the RPI and RPIJ 1-month and 12-month rates and index values for the last year.

Figure E: RPI and RPIJ 12-month rates for the last 10 years, June 2006 to June 2016

UK

Figure E: RPI and RPIJ 12-month rates for the last 10 years, June 2006 to June 2016

UK



Source: Office for National Statistics

Notes:

1. The RPI has been de-designated as a National Statistic.

		RPI Index ¹ (UK, 1987 = 100)	RPIJ Index (UK, 1987 = 100)	RPI 1- month ¹ rate	RPIJ 1-month rate	RPI 12- month ¹ rate	RPIJ 12-month rate
2015	Jun	258.9	238.7	0.2	0.1	1.0	0.4
	Jul	258.6	238.4	-0.1	-0.1	1.0	0.4
	Aug	259.8	239.4	0.5	0.4	1.1	0.5
	Sep	259.6	239.1	-0.1	-0.1	0.8	0.1
	Oct	259.5	238.9	0.0	-0.1	0.7	0.0
	Nov	259.8	239.1	0.1	0.1	1.1	0.3
	Dec	260.6	239.8	0.3	0.3	1.2	0.5
2016	Jan	258.8	238.1	-0.7	-0.7	1.3	0.7
	Feb	260.0	238.7	0.5	0.3	1.3	0.6
	Mar	261.1	239.4	0.4	0.3	1.6	0.8
	Apr	261.4	239.6	0.1	0.1	1.3	0.7
	Мау	262.1	240.1	0.3	0.2	1.4	0.7
	Jun	263.1	240.9	0.4	0.3	1.6	0.9

Table C: RPI and RPIJ index values, 1-month and 12-month rates, June 2015 to June 2016

Source: Office for National Statistics

Notes:

UK

1. The RPI has been de-designated as a National Statistic.

If you would like to understand the causes of the difference between the CPI and RPI, please see Table 5 in the Consumer Price Inflation dataset.

6. Guide to data

Table D outlines where data for all consumer price inflation statistics can be found.

Table D: Guide to data

	Statistical bulletin	Detailed briefing note	Dataset tables (Excel format)	Time series dataset
CPI	H, T, D ²	H, D	H, T, D	T, D
CPIY	:	н	Н, Т	т
CPI-CT	:	Н	Н, Т	т
CPIH ¹	H, T, D	н	H, T, D	T, D
CPIHY ¹	:	Н	Н, Т	т
RPIJ	Н, Т	н	Н, Т	т
RPI ¹	Н, Т	H, D	H, T, D	T, D
RPIX ¹	:	н	Н, Т	Т
RPIY ¹	:	н	Н, Т	Т
TPI ¹	:	н	Н, Т	Т
RPI pensioner indices ¹	:	:	Н, Т	Т
International comparisons	:	:	Н, Т	т

Source: Office for National Statistics

Notes:

1. These statistics are not National Statistics.

2. H = Latest headline figures, D = Detailed data (including disaggegations), T = Time series data.

7. Background notes

1. News

Household Inflation Index

On 9 March 2016, the UK Statistics Authority published a letter from the National Statistician to the Chair of the Authority about the future of consumer inflation statistics. In the letter, he acknowledged calls for a measure of inflation showing the effect of changes in payments for goods and services, a so-called "Household Inflation Index" (HII). This index would be fundamentally different in a number of important aspects from the traditional measurement of consumer inflation. These differences include the potential inclusion of asset prices and interest payments, as well as giving each household's expenditure equal weight. The HII could also be a vehicle for measuring different households' experience of changes in prices. In July/August, we will publish a discussion paper based on our early explorations into the concepts of the HII. We are keen to receive feedback from users on the paper.

Re-assessment of CPIH

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 <u>Statistics on consumer Price Inflation</u> including Owner Occupiers' Housing Costs, 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. The actions taken to address these requirements will be reported to the UK Statistics Authority by September 2016.

Personal Inflation Calculator

The interactive Personal Inflation Calculator which could be used by people to calculate their personal inflation based on their spending patterns has currently been removed from the website. The facility was used by a very small number of people.

2. Understanding and accessing the data

A full description of how consumer price indices are compiled is given in the <u>Consumer Price Indices</u> <u>Technical Manual</u>. This is supplemented by further information available from the <u>prices guidance and</u> <u>methodology webpage</u>.

A more detailed <u>Consumer Price Inflation Quality and Methodology report</u> for this statistical bulletin is available. The report assesses consumer price inflation statistics against standard dimensions of quality such as relevance, accuracy and accessibility. The report was last updated in October 2013.

The mini Triennial Review of the CPI and RPI Central Collection of Prices is available.

All consumer price inflation data (including Excel dataset, time series data and explorable datasets) can be found on the <u>Consumer Price Inflation: June 2016</u>.

To help users further, very detailed data are available, including the <u>individual price quotes (for locally</u> <u>collected items only) and item indices</u> that underpin the consumer price inflation statistics. The item indices behind the measurement of owner occupiers' housing costs are included for the first time in the first quarter 2016 data. Please note, the data that are published are at a level which means that no individual retailer or service provider can be identified. The data published cover January 1996 to March 2016. These data are updated once a quarter with around a 2-month lag with the latest CPI publication. For example, the data will next be updated when the August CPI is published on 13 September 2016, at which point the detailed data published will be extended to June 2016.

Internationally, the CPI is known as the Harmonised Index of Consumer Prices (HICP). HICPs are calculated in each member state of the European Union (EU) according to rules specified in a series of European regulations developed by the European Commission (Eurostat) in conjunction with the EU member states. Eurostat released figures for the Harmonised Index of Consumer Prices (HICP) for the month of June 2016 for EU member states, together with an EU average, on 15 July 2016. A summary of the latest European data is available from Eurostat's database tables. Further information on HICP for the EU, Euro area and other EU member states is available from Eurostat's HICP web page.

3. Methods CPI and other measures of inflation

The CPI, CPIH, RPIJ and RPI are compiled using the same underlying price data, based on a large and representative selection of around 700 individual goods and services for which price movements are measured in around 140 randomly selected areas throughout the UK. Around 180,000 separate price quotations are used every month to compile the indices. The outlets in which the prices are collected are selected randomly. Expenditure weights are held constant for 1 year at a time.

The selection of goods and services that are priced to compile these indices is reviewed annually. The contents of the 2016 basket are described in an article <u>Consumer Price Inflation Basket of Goods and Services: 2016</u>. The expenditure weights used to compile the indices are also updated each year. Additional details of the updated weights for 2016 are available in an article published on 22 March 2016 entitled <u>Consumer Price Index and Retail Prices Index – updating weights: 2016</u>.

Rates of change for the CPI and CPIH are calculated from unrounded index levels, rather than from the published indices, which are rounded to 1 decimal place. The use of unrounded indices increases the accuracy of the calculation. The unrounded index levels for the CPI and CPIH are available from Tables 63 and 64 of the <u>Consumer Price Inflation dataset</u>. By contrast, rates of change for the RPI and RPIJ are calculated from the published rounded indices.

Further information on the methods used to construct the CPI, CPIH, RPI and RPIJ, including differences in the methods used for each index, can be found in the <u>Consumer Price Indices technical manual</u>. <u>Users</u> and <u>uses of consumer price inflation statistics (2013)</u> provides further details of how consumer price statistics are used more generally.

4. Revisions policy

On 15 October 2013, the <u>Consumer price inflation revisions policy</u> was published for the suite of consumer price inflation statistics. The policy reaffirms the existing practices for CPI and RPI and sets out the policies for the new CPIH and RPIJ measures.

In summary, CPI, CPIH and RPIJ are revisable in theory, though revisions only occur under exceptional circumstances. The RPI is never revised once published.

5. Publication policy

This bulletin includes the June 2016 data, collected on and around 14 June 2016. Future <u>publication dates</u> for this statistical bulletin are available to January 2018 (the publication of the December 2017 inflation figures). Publication dates from February 2017 onwards are provisional.

Consumer price inflation for July 2015 to July 2016 will be published on 16 August 2016.

6. Recorded message

Consumer price inflation recorded message (available after 9.45am on release day):

Tel: + 44 (0) 800 0113703

7. Code of Practice

<u>National Statistics</u> are produced to high professional standards set out in the <u>Code of Practice for Official</u> <u>Statistics</u>. They undergo regular quality assurance reviews to ensure that they meet customer needs. They are produced free from any political interference and released according to the arrangements approved by the <u>UK Statistics Authority</u>.

CPI: Detailed figures by division^{1,2}

	Food and non- alcoholic beverages	Alcoholic beverages and tobacco	Clothing and footwear	water, electric-	Furniture, household equipment & routine mainte- nance	Health ³	Transport	Commun- ication	Recreation and culture	Education ³	Restaur- ants and hotels	Miscell- aneous goods and services ³	CPI (overall index)
COICOP Division	01	02	03	04	05	06	07	08	09	10	11	12	
Weights													
2016	CHZR 103	CHZS 42	CHZT 71	CHZU 120	CHZV 59	CHZW 28		CHZY 32				CJUW 96	CHZQ 1 000
Monthly indices (2	015=100) D7BU	D7BV	D7BW	D7BX	D7BY	D7BZ	D7C2	D7C3	D7C4	D7C5	D7C6	D7C7	D7BT
2014 Jun	102.4	98.4	100.9	99.5	100.5	98.3		98.4		89.8		99.7	100.2
Jul	102.2	97.7	95.1	99.8	99.0	98.5		98.5		89.8		99.2	99.9
Aug Sep	102.0 101.8	98.7 99.3	97.6 101.5	99.8 99.9	100.0 100.6	99.0 98.7		98.4 98.5		89.8 91.5		99.4 99.7	100.2 100.3
Oct	101.9	100.0	102.1	100.0	99.5	98.4		98.6		98.7		99.6	100.4
Nov	101.7	98.8	102.8	100.0	99.6	98.1	100.3	98.3		98.7	99.0	99.5	100.1
Dec	102.0	98.5	101.7	100.0	101.2	98.3	100.1	98.9	100.5	98.7	99.0	99.4	100.1
2015 Jan Feb	101.3 101.0	99.9 99.5	98.0 99.3	99.9 99.8	98.7 100.1	99.0 99.1	98.1 98.5	98.9 99.7	99.6 99.5	98.7 98.7		99.3 99.6	99.3 99.5
Mar	101.0	99.3	99.2	99.5	100.1	99.5		99.9		98.7		99.8	99.7
Apr	100.5	99.8	99.9	99.9	99.3	100.2		99.9	100.1	98.7		99.8	99.9
May Jun	100.4 100.2	100.5 100.7	100.5 100.1	99.9 99.9	99.8 100.2	100.5 99.9		99.7 99.5		98.7 98.7		99.6 99.8	100.1 100.2
Jul Aug	99.5 99.5	99.6 100.7	96.7 98.2	100.2 100.2	98.7 100.4	100.8 100.7		99.7 99.5		98.7 98.7		99.9 100.3	100.0 100.3
Sep	99.5	100.7	100.9	100.0	101.1	100.7	99.9	99.9	99.7	99.9		100.3	100.2
Oct	99.1	100.3	102.9	100.2	100.2	100.0		100.5	100.6	103.4	100.6	100.4	100.3
Nov	99.2	100.1	102.8	100.3	100.0	99.8		101.1	100.6	103.4		100.7	100.3
Dec	99.0	98.8	101.5	100.3	101.0	99.8		101.5	100.3	103.4		100.5	100.3
2016 Jan	98.6	101.2	98.3	100.2	98.7	101.1	97.5	101.0		103.4		100.7	99.5
Feb Mar	98.8 98.1	100.6 100.3	99.6 100.6	100.1 99.9	100.3 101.1	101.1 101.3	97.5 99.1	101.8 101.4	99.4 99.7	103.4 103.4		100.8 100.8	99.8 100.2
Apr	98.0	100.5	100.3	99.8	99.5	102.2		101.4		103.4		100.8	100.2
May	97.6	101.5	100.1	99.9	100.0	102.4	99.9	102.5		103.4		100.9	100.4
Jun	97.2	101.1	99.4	100.0	99.6	102.6	100.9	103.1	100.8	103.4	102.6	100.9	100.6
Percentage chang	je on a year	earlier											
0014 hus	D7G8	D7G9	D7GA	D7GB	D7GC	D7GD		D7GF				D7GJ	D7G7
2014 Jun	-	5.0	2.4	3.2	1.6	3.1	0.9	0.9				-	1.9
Jul	-0.4 -1.1	3.6 4.6	-0.2 0.4	3.2 3.2	1.1 0.4	2.6		0.7		10.3 10.3		-0.6 -0.4	1.6 1.5
Aug Sep	-1.1	4.6	0.4		0.4	2.9 2.5		0.8 0.9				-0.4 -0.5	1.5
Oct	-1.4	5.2	-0.2		0.1	2.2		0.6		10.0		-0.3	1.3
Nov	-1.7	4.0	-0.2		0.3	2.0		0.5				-0.8	1.0
Dec	-1.7	5.0	-0.3	1.0	0.2	2.1	-1.4	0.7	0.6	10.0	2.3	-0.6	0.5
2015 Jan	-2.5	3.3	1.4		0.8			0.2		10.0		-0.4	0.3
Feb Mar	-3.3 -3.0	3.8	1.7		-0.3 -0.2			0.9				-0.4 -0.5	-
Apr	-3.0 -2.8	3.4 3.0	-0.2 -0.4		-0.2 -0.5	2.1 2.0	-1.9 -2.8	0.9 1.0				-0.5 -0.1	
May	-1.8	2.2	0.2		-0.5	2.2		1.2				-0.1	0.1
Jun	-2.2	2.3	-0.8	0.4	-0.3	1.6	-1.8	1.1	-1.0	10.0	1.9	0.1	-
Jul	-2.7	1.9	1.7		-0.3	2.3		1.3				0.7	0.1
Aug Sep	-2.4 -2.3	2.1 1.4	0.6 -0.6	0.4 0.1	0.4 0.5	1.8 2.0		1.1 1.4	-0.9 -0.8	10.0 9.1		0.8 0.6	
Oct	-2.3 -2.7	0.3	-0.6 0.8		0.5	2.0		2.0				0.6	-0.1 -0.1
Nov	-2.4	1.4	-	0.3	0.4	1.7	-2.1	2.9	-0.1	4.8	1.8	1.3	0.1
Dec	-2.9	0.3	-0.3	0.3	-0.2	1.5		2.7		4.8		1.1	0.2
2016 Jan	-2.6	1.3	0.4		-0.1	2.1	-0.7	2.2		4.8		1.4	0.3
Feb Mar	-2.3 -2.7	1.2 1.0	0.3 1.4	0.3 0.4	0.2 0.6	2.0 1.8		2.1 1.4	-0.1 -0.2	4.8 4.8		1.2 1.0	0.3 0.5
Apr	-2.5	1.3	0.3	-0.1	0.0	2.0		1.7				1.0	0.3
May	-2.8	1.0	-0.4	-	0.2	1.9	-1.0	2.8	0.1	4.8	2.6	1.3	0.3
Jun	-2.9	0.5	-0.7	0.1	-0.5	2.7	-0.2	3.7	0.8	4.8	2.3	1.1	0.5

Key: - zero or negligible

1 From the release of January data on 16 February 2016, CPI and CPIH indices will be re-referenced and published with 2015=100

2 More detailed CPI data are available at http://www.ons.gov.uk

3 The coverage of these categories was extended in January 2000; further extensions to coverage came into effect in January 2001 for health and miscellaneous goods and services; the coverage of miscellaneous goods and services was further extended with effect from January 2002.

Source: Office for National Statistics

2 CPI, CPIH, RPI and RPIJ Indices: the latest three years^{1,2}

	CI	PI	CPIH (NOT NATIONAL	_STATISTICS ³)	RPI (NOT NATIONAL	STATISTICS ⁴)	RF	PIJ
	Index (2015=100)	Percentage change over 12 months	Index (2015=100)	Percentage change over 12 months	Index (Jan 13, 1987=100)	Percentage change over 12 months	Index (1987=100)	Percentage change over 12 months
	D7BT	D7G7	L522	L55O	CHAW	CZBH	KVR8	KVR9
2013 Jun	98.3	2.9	98.0	2.6	249.7	3.3	233.2	2.7
Jul	98.3	2.8	98.0	2.5	249.7	3.1	233.2	2.6
Aug	98.7	2.7	98.4	2.4	251.0	3.3	234.2	2.6
Sep	99.1	2.7	98.7	2.4	251.9	3.2	235.0	2.5
Oct	99.1	2.2	98.8	2.0	251.9	2.6	234.9	1.9
Nov	99.2	2.1	98.8	1.9	252.1	2.6	235.1	2.0
Dec	99.6	2.0	99.2	1.9	253.4	2.7	236.2	2.0
2014 Jan	99.0	1.9	98.7	1.8	252.6	2.8	235.4	2.1
		1.5			254.2	2.0	236.3	2.0
Feb	99.5		99.1	1.6				
Mar	99.7	1.6	99.3	1.5	254.8	2.5	236.7	1.8
Apr	100.1	1.8	99.7	1.7	255.7	2.5	237.4	1.8
May	100.0	1.5	99.6	1.5	255.9	2.4	237.5	1.7
Jun	100.2	1.9	99.8	1.8	256.3	2.6	237.8	2.0
Jul	99.9	1.6	99.6	1.6	256.0	2.5	237.5	1.8
Aug	100.2	1.5	99.9	1.5	257.0	2.4	238.3	1.8
Sep	100.3	1.2	100.0	1.3	257.6	2.3	238.8	1.6
Oct	100.4	1.3	100.1	1.3	257.7	2.3	238.9	1.7
Nov	100.1	1.0	99.9	1.0	257.1	2.0	238.3	1.4
Dec	100.1	0.5	99.9	0.7	257.5	1.6	238.6	1.0
Dec	100.1	0.5	99.9	0.7	257.5	1.0	230.0	1.0
2015 Jan	99.3	0.3	99.2	0.5	255.4	1.1	236.5	0.5
Feb	99.5	-	99.5	0.3	256.7	1.0	237.2	0.4
Mar	99.7	-	99.7	0.3	257.1	0.9	237.4	0.3
Apr	99.9	-0.1	99.9	0.2	258.0	0.9	238.0	0.3
May	100.1	0.1	100.0	0.4	258.5	1.0	238.5	0.4
Jun	100.2	-	100.1	0.3	258.9	1.0	238.7	0.4
Jul	100.0	0.1	100.0	0.4	258.6	1.0	238.4	0.4
Aug	100.3	_	100.3	0.3	259.8	1.1	239.4	0.5
Sep	100.2	-0.1	100.2	0.2	259.6	0.8	239.1	0.0
Oct	100.2	-0.1	100.2	0.2	259.5	0.0	238.9	
								0.3
Nov	100.3	0.1	100.3	0.4	259.8	1.1	239.1	
Dec	100.3	0.2	100.4	0.5	260.6	1.2	239.8	0.5
2016 Jan	99.5	0.3	99.8	0.6	258.8	1.3	238.1	0.7
Feb	99.8	0.3	100.1	0.6	260.0	1.3	238.7	0.6
Mar	100.2	0.5	100.4	0.7	261.1	1.6	239.4	0.8
Apr	100.2	0.3	100.5	0.6	261.4	1.3	239.6	0.7
May	100.4	0.3	100.7	0.7	262.1	1.4	240.1	0.7
Jun	100.6	0.5	100.9	0.8	263.1	1.6	240.9	0.9
	100.0	0.0	100.9	0.0	200.1	1.0	2-10.0	0.5

Key: - zero or negligible

1 From the release of January data on 16 February 2016, CPI and CPIH indices will be re-referenced and published with 2015=100.

2 More detailed CPI, CPIH, RPI and RPIJ data are available at: http://www.ons.gov.uk

3 The National Statistics status of CPIH has been discontinued pending work to investigate and improve the method for measuring owner occupiers' housing costs in this index. The improvements from the resulting development work were introduced as part of the February 2015 dataset with the historical series revised back to 2005.

4 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 standards for designation as National Statistics. A full report can be found at: http://www.statisticsauthority.gov.uk/ Source: Office for National Statistics

	Weights I	ndex (201		Percentage over 1 m				Ρ		tage c 12 mc		9		
	2016	2015 Jun	2016 Jun	2015 Jun	2016 Jun	2015 Oct				2016 Feb				2016 Jun
CPI (Overall Index)	1 000	100.2	100.6	-	0.2	-0.1	0.1	0.2	0.3	0.3	0.5	0.3	0.3	0.5
 Food and non-alcoholic beverages Alcoholic beverages and tobacco Clothing and footwear Housing, water, electricity, gas and other fuels Furniture, household equipment and maintenance Health Transport Communication Recreation and culture Education Restaurants and hotels Miscellaneous goods and services 	103 42 71 120 59 28 153 32 148 25 123 96	100.2 100.7 100.1 99.9 100.2 99.9 101.1 99.5 99.9 98.7 100.2 99.8	97.2 101.1 99.4 100.0 99.6 102.6 100.9 103.1 100.8 103.4 102.6 100.9	-0.2 0.2 -0.4 - 0.3 -0.6 0.2 -0.2 -0.1 - 0.4 0.2	-0.4 -0.3 -0.7 0.2 -0.3 0.1 1.1 0.6 0.6 - 0.1	0.3 0.8 0.2 0.6 1.7	1.4 	0.3 -0.3 -0.2 1.5 -0.2 2.7	1.3 0.4 -0.1 2.1 -0.7 2.2	0.3 0.2 2.0 -1.1 2.1 -0.1 4.8 1.9	1.0 1.4 0.4 0.6 1.8 -0.1 1.4	1.3 0.3 -0.1 0.3 2.0	1.0 -0.4 - 0.2 1.9 -1.0 2.8 0.1 4.8 2.6	0.5 -0.7 0.1 -0.5 2.7 -0.2 3.7 0.8 4.8 2.3
All goods All services All items CPI excluding Energy, food, alcoholic beverages and tobacco	517 483 788	100.4 99.9 99.9	98.8 102.7 101.3	-0.1 0.3 0.1	0.4 0.2	-2.1 2.2 1.1	-1.9 2.4 1.2	–2.1 2.9 1.4	2.3		-1.6 2.8 1.5	-1.6 2.4 1.2	2.6	2.8
01.1 Food 01.1.1 Bread and cereals 01.1.2 Meat 01.1.3 Fish 01.1.4 Milk, cheese and eggs 01.1.5 Oils and fats 01.1.6 Fruit 01.1.7 Vegetables including potatoes and tubers 01.1.8 Sugar, jam, syrups, chocolate and confectionery 01.1.9 Food products (nec)	91 15 21 4 12 9 13 12 3	100.2 99.1 100.4 100.0 101.7 97.6 99.0 101.4 99.3 100.6	96.9 97.8 96.3 95.8 95.5 99.6 99.3 94.7 97.6 100.9	-0.4 -1.1 -0.1 0.7 -4.9 -1.4 1.0 -2.1 1.8	-0.6 1.1 -1.6 0.8 -1.1 -0.8 -2.1	-3.0 -3.1 -4.3 -6.4 -5.6 -4.3 -1.5 -2.1 1.5 -3.6	-1.9 -3.8 -7.3 -6.7 -2.3 -1.2 -1.6 1.2	-2.4 -4.1 -5.0 -5.4 -6.2 -0.8 -4.7 -0.1	-1.8 -3.8 -6.8 -4.4 -0.4 -1.3 -4.0 0.1	-2.2 -4.3 -4.9 -3.0 0.1 -0.4 -2.0	-2.0 -4.4 -5.4 -4.2 -7.3 1.9 -4.1 -2.4	-1.6 -4.9 -2.8 -4.8 3.3 - -3.8 -0.3	-1.7 -5.2 -4.1 -3.9 -3.8 - -4.9	-1.3 -4.1 -4.2 -6.1 2.0 0.3 -6.6 -1.7
01.2 Non-alcoholic beverages 01.2.1 Coffee, tea and cocoa 01.2.2 Mineral waters, soft drinks and juices	12 3 9	100.1 100.2 100.1	99.3 100.5 98.9	1.0 1.2 0.9		-0.6 -0.8 -0.6	-0.7	-2.0	-0.8	-1.9	0.4	-1.1	2.0	-0.8 0.2 -1.2
02.1 Alcoholic beverages 02.1.1 Spirits 02.1.2 Wine 02.1.3 Beer	19 5 9 5	101.6 98.7 102.8 102.1	96.2 95.6 95.7 97.7	0.2 -2.6 1.3 0.9	-0.4	-4.5 -4.6 -5.0 -3.1	-1.2 -2.3	-4.4 -5.2	-2.3 -4.7	-5.2 -3.3	-4.5 -4.0	-3.4 -4.2	-5.0 -5.5	-3.1 -7.0
02.2 Tobacco	23	100.0	104.8	0.2	0.1	4.0	4.4	4.2	4.3	4.3	4.5	4.7	4.9	4.8
03.1 Clothing 03.1.2 Garments 03.1.3 Other clothing and clothing accessories 03.1.4 Cleaning, repair and hire of clothing	61 54 6 1	99.9 99.9 99.2 100.1	99.4 99.5 98.5 102.3	-0.5 -0.4 -1.4 0.1	-0.5 -0.2 -3.1 0.2	1.1 1.1 1.8 2.1		-0.1 -0.3 1.7 1.9	0.4 0.5 –0.4 2.0	0.3 0.8	1.7 1.7 1.9 2.5	-		-0.4 -0.7
03.2 Footwear including repairs	10	101.3	99.2	-	-1.5	-1.1	-1.2	-1.4	-0.1	-0.2	-0.5	-0.2	-0.5	-2.1
04.1 Actual rentals for housing	72	99.8	101.6	0.1	0.1	3.0	3.0	3.0	2.9	2.9	2.9	1.9	1.8	1.8
04.3 Regular maintenance and repair of the dwelling 04.3.1 Materials for maintenance and repair 04.3.2 Services for maintenance and repair	2 1 1	100.3 100.7 99.9	100.3 100.0 100.5	0.1 0.3 -		-0.9 -2.5 0.7	-1.1	-0.8		-0.7			-0.3 -1.2 0.6	-0.6
04.4 Water supply and misc. services for the dwelling 04.4.1 Water supply 04.4.3 Sewerage collection	11 6 5	99.8 99.6 100.1	101.2 100.5 102.0	_ _ _	- - -	-0.7 -1.7 0.3	-1.7	-1.7	-1.7	-0.7 -1.7 0.3	-1.7		0.9	0.9
04.5 Electricity, gas and other fuels 04.5.1 Electricity 04.5.2 Gas 04.5.3 Liquid fuels 04.5.4 Solid fuels	35 17 16 1 1	100.1 99.9 100.0 106.9 98.8	96.7 99.7 93.3 90.8 98.6	-0.1 - -2.7 -0.4	- - 8.1	-4.1 -0.2 -6.4 -30.9 -0.7	-0.2 -6.4 -32.4	-0.2 -6.4 -32.3	-0.2 -6.0 -29.3	-0.2 -6.0 -35.6	-0.2 -6.0 -28.4	-0.2 -7.3 -26.9	-0.2 -6.7 -23.5	-0.2 6.7– 15.1–
05.1 Furniture, furnishings and carpets 05.1.1 Furniture and furnishings 05.1.2 Carpets and other floor coverings	20 16 4	100.7 101.9 97.6	100.1 99.8 101.1	1.6 2.3 –0.4	-0.1 -0.1 0.2	0.8 1.4 –1.3	1.5	-1.4 -0.8 -3.2		0.7	1.1 0.5 3.0	1.3 0.2 4.8	0.3	-0.6 -2.0 3.6
05.2 Household textiles	7	100.1	97.0	-0.7	-1.6	0.7	1.4	0.2	-0.9	-1.5	-0.7	-0.6	-2.2	-3.1
05.3 Household appliances, fitting and repairs 05.3.1/2 Major appliances and small electric goods 05.3.3 Repair of household appliances	8 7 1	98.5 98.3 100.1	100.0 99.7 101.8	-0.9 -1.1 -	-0.6 -0.7 0.1			0.5 0.7 –1.0		2.0	2.4	-0.1	1.2 1.1 1.7	1.5
05.4 Glassware, tableware and household utensils	6	100.7	98.5	-0.8	-1.0	0.5	0.3	-0.3	-1.0	-0.4	-1.3	-1.4	-1.9	-2.1
05.5 Tools and equipment for house and garden	5	100.3	98.4	-0.1	-0.7	-0.2	-0.4	-	1.6	1.1	0.1	-1.9	-1.4	-1.9
05.6 Goods and services for routine maintenance 05.6.1 Non-durable household goods 05.6.2 Domestic services and household services	13 5 8	100.0 100.1 99.9	100.9 96.7 103.5	0.3 0.5	0.5 0.7 0.4	1.1 -2.4 3.2							-4.1	-3.4
06.1 Medical products, appliances and equipment 06.1.1 Pharmaceutical products 06.1.2/3 Other medical and therapeutic equipment	13 8 5	99.1 98.8 99.5	101.5 102.2 100.3	-1.3 -2.2 -0.1		0.8 0.3 1.6	1.0 0.7 1.3	0.6 0.6 0.7	1.4 1.9 0.7	1.3	0.7 0.1 1.4	1.4 1.3 1.4		3.4

 $\ensuremath{\textit{Key:}}\xspace$ zero or negligible .. not available (nec) not elsewhere covered

	WeightsIr	ndex (201		Percentage over 1 m					ercenta over 1			Э		
	2016	2015 Jun	2016 Jun	2015 Jun	2016 2 Jun				2016 2 Jan					
06.2 Out-patient services 06.2.1/3 Medical services & paramedical services 06.2.2 Dental services	7 4 3	100.0 99.5 100.6	102.4 101.5 103.7	-0.2 -0.3 -	0.2 0.2 0.2	1.1 0.7 1.8	1.3 0.9 1.9	1.1 0.8 1.6	1.3 1.4 1.3	1.3 1.3 1.3	1.3 1.2 1.3	2.1 1.6 2.6	2.1 1.4 2.9	2.5 1.9 3.1
06.3 Hospital services	8	101.0	104.6	0.1	0.2	3.2	3.2	3.2	4.1	4.1	4.2	3.3	3.5	3.6
07.1 Purchase of vehicles 07.1.1A New cars 07.1.1B Second-hand cars 07.1.2/3 Motorcycles and bicycles	43 25 16 2	100.5 100.4 100.6 101.0	98.3 100.3 95.0 98.3	-0.3 - -0.9 0.2	-0.3 -0.3 -0.3 -0.3	1.9 –7.1	1.7 -4.6	1.8 -4.3	1.1	1.1 -5.6	1.1 -4.8	0.3 -7.0	0.2 -6.2	-0.1 -5.6
07.2 Operation of personal transport equipment 07.2.1 Spare parts and accessories 07.2.2 Fuels and lubricants 07.2.3 Maintenance and repairs 07.2.4 Other services	73 5 32 22 14	102.2 100.0 105.0 100.1 99.4	101.1 100.6 99.3 101.9 103.9	0.4 0.2 0.8 0.1 0.1	0.2 ·	–1.3 14.0–	-0.4	0.3	-2.4 0.5 -7.3 1.5 2.1	0.2	0.5	0.4	0.5	0.5 -5.5 1.8
07.3 Transport services 07.3.1 Passenger transport by railway 07.3.2 Passenger transport by road 07.3.3 Passenger transport by air 07.3.4 Passenger transport by sea and inland waterway	37 13 12 8 4	99.5 99.8 99.2 98.9 101.6	103.6 98.0 102.5 99.5 112.3	0.4 0.2 0.2 0.3 2.1	2.6 -2.1 0.8 10.9 4.6	2.9 1.6 2.2 4.4 3.3	3.5			-0.4 1.4 -1.5	2.1	-0.2 1.9	2.7 -9.0	3.3
08.1 Postal services	2	100.4	101.9	-	-	1.3	1.7	1.7	1.7	1.7	1.7	1.5	1.5	1.5
08.2/3 Telephone and telefax equipment and services	30	99.4	103.2	-0.2	0.6	2.1	3.0	2.7	2.2	2.1	1.4	1.7	2.9	3.8
09.1 Audio-visual equipment and related products 09.1.1 Reception and reproduction of sound and pictures 09.1.2 Photographic, cinematographic and optical equipmer 09.1.3 Data processing equipment 09.1.4 Recording media 09.1.5 Repair of audio-visual equipment & related products	18 5 1 7 3 1	101.2 102.7 102.2 101.0 99.6 100.2	94.9 94.5 93.0 89.8 104.6 100.5	0.6 1.1 -3.0 1.4 0.8 0.2	-0.3 2.6- 1.0- 2.2	-5.4 12.2- 14.4- -5.9	-4.2 10.5- 13.8-	-4.3 -12.9- -14.9-	-7.5 -5.2 -11.1- -14.8- 2.1 0.8	-3.9 -12.8- -15.1-	-3.4 -11.5- -14.1-	-4.2 -13.7-	-6.7 -14.0 -10.7 3.6	-8.0 -9.0 -11.1 5.1
09.2 Oth. major durables for recreation & culture 09.2.1/2 Major durables for in/outdoor recreation	12 12	99.8 99.8	101.0 101.0	-	-	1.9 1.9	2.0 2.0	2.1 2.1	1.7 1.7	1.7 1.7	1.8 1.8	1.3 1.3	1.2 1.2	
09.3 Other recreational items, gardens and pets 09.3.1 Games, toys and hobbies 09.3.2 Equipment for sport and open-air recreation 09.3.3 Gardens, plants and flowers 09.3.4/5 Pets, related products and services	35 20 3 4 8	99.0 98.3 99.0 100.1 100.2	99.9 100.0 100.3 99.0 99.6	-1.2 -1.8 -1.4 -0.2 -0.1	0.4 0.5	-0.3 -2.0 -0.5	-1.3 -1.1 -2.4	-1.6 0.7	-0.8 -1.1 -0.7 -2.0 0.5	-1.6 -0.1 -0.5	-2.0 -0.6 -0.9	1.3 1.0		1.7 1.3 –1.1
09.4 Recreational and cultural services 09.4.1 Recreational and sporting services 09.4.2 Cultural services	33 10 23	100.7 99.8 101.0	105.5 103.9 106.2	0.7 0.1 0.8	1.3 0.2 1.7	2.7 4.2 2.2	2.8 4.1 2.4	2.5 4.0 1.9	2.5 4.0 2.1	3.2 4.2 2.8	2.8 4.5 2.3	4.2 4.3 4.3	4.1 4.2 4.2	
09.5 Books, newspapers and stationery 09.5.1 Books 09.5.2 Newspapers and periodicals 09.5.3/4 Misc. printed matter, stationery, drawing materials	14 4 5 5	99.2 96.2 100.9 100.1	102.6 100.5 104.3 102.3	0.1 -2.6 1.9 0.6	1.8 3.4 0.3 2.1	2.3 2.4 3.7 0.5	3.5 7.1 3.2 0.4	3.6 6.1 4.0 0.8	3.8 8.9 1.5 1.7	3.4 8.1 2.5 0.3		1.2 -3.5 5.0 0.8		3.3
09.6 Package holidays	36	99.7	100.0	-	-0.1	1.1	1.2	1.2	1.2	1.1	1.1	0.8	0.4	0.3
10.0 Education	25	98.7	103.4	-	-	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8
11.1 Catering services 11.1.1 Restaurants & cafes 11.1.2 Canteens	101 93 8	100.0 100.0 99.9	102.2 102.2 101.6	0.2 0.2 0.1	0.2	1.1 1.3 –0.6	1.1 1.2 –0.2	1.5 1.7 –0.4	1.6 1.8 0.1	1.6 1.7 0.2	1.8 1.9 0.7	2.0 2.1 0.9	2.2 2.2 1.3	2.3
11.2 Accommodation services	22	101.3	104.2	1.7	-0.1	3.9	5.3	2.8	1.4	3.1	3.7	3.6	4.7	2.9
12.1 Personal care 12.1.1 Hairdressing and personal grooming establishments 12.1.2/3 Appliances and products for personal care	31 8 23	99.8 99.9 99.8	98.8 102.0 97.7	-0.1 0.1 -0.1	-0.2 0.2 -0.3	1.8	1.7	1.8	2.0	1.7	1.9	1.9	2.1	2.2
12.3 Personal effects (nec) 12.3.1 Jewellery, clocks and watches 12.3.2 Other personal effects	16 9 7	99.9 99.5 100.7	99.3 100.5 98.2	-0.3 -0.3 -0.3	-0.3 -0.4 -0.1	-0.6	0.1	1.1 -0.2 3.3	0.9	0.7	0.4		1.1	-0.6 1.0 -2.5
12.4 Social protection	16	99.9	103.2	0.2	0.6	3.2	3.3	3.4	3.1	2.9	2.9	2.9	2.9	3.3
12.5 Insurance 12.5.2 House contents insurance 12.5.3 Health insurance 12.5.4 Transport insurance	9 2 3 4	99.5 99.6 101.9 98.1	109.0 101.3 108.7 112.2	0.2 0.1 0.3	0.8 0.9 1.4	2.2 –5.4 3.6 5.5	4.2	-0.3	7.6 1.7 7.7 9.3	0.5 7.7	7.7 -1.2 7.7 11.3	-1.1 6.7	6.7	9.5 1.7 6.7 14.4
12.6 Financial services (nec) 12.6.2 Other financial services (nec)	12 12	100.4 100.4	99.7 99.7	1.5 1.5	-0.3 -0.3				-	0.1 0.1	0.7 0.7	0.6 0.6		-0.7 -0.7
12.7 Other services (nec)	12	99.3	100.7	0.2	-	3.0	3.0	4.3	1.5	1.6	1.0	1.6	1.6	1.4
Key:- zero or negligible not available (nec) not elsewhere c	overed							So	urce:	Office	e for N	lationa	al Sta	tistics

1 From the relase of January data on 16 February 2016, CPI and CPIH indices will be re-referenced and published with 2015=100.

	Weights Ir	ndex (201		Percentage over 1 m		e Percentage change over 12 months								
	2016	2015 Jun	2016 Jun	2015 Jun	2016 Jun			2015 Dec						
CPIH (overall index) (NOT NATIONAL STATISTICS ¹)	1 000	100.1	100.9	0.1	0.2	0.2	0.4	0.5	0.6	0.6	0.7	0.6	0.7	0.8
 Food and non-alcoholic beverages Alcoholic beverages and tobacco Clothing and footwear Housing, water, electricity, gas and other fuels Furniture, household equipment and maintenance Health Transport Communication Recreation and culture Education Restaurants and hotels Miscellaneous goods and services 	86 35 60 266 50 23 128 26 123 21 102 80	100.1 100.6 100.1 99.9 100.2 99.9 101.1 99.4 99.9 98.7 100.2 99.8	97.2 101.3 99.4 101.4 99.7 102.6 100.9 103.1 100.8 103.4 102.6 100.8	-0.3 0.1 -0.4 0.1 0.4 -0.7 0.2 -0.2 -0.2 -0.1 - 0.4 0.2	-0.3 -0.7 0.1 -0.3 0.1 1.1 0.6	0.3 0.8 1.2 0.6 1.6 -2.6 2.0	1.5 	-0.3 1.3 -0.2 1.5 -0.1 2.7 -0.2 4.8 1.7	1.4 0.4 1.4 0.1 2.2 -0.7 2.2 - 4.8	1.2 0.3 1.4 0.3 2.1 -1.1 2.1 - 4.8 1.9	1.1 1.4 1.4 0.6 1.8 -0.1 1.4 -0.1 4.8 2.1	1.4 0.4 1.4 0.3 2.1	1.1 -0.4 1.5 0.2 2.0 -1.1 2.9 0.2 4.8	0.6 -0.6 1.5 -0.5 2.8 -0.2 3.7 0.9 4.8 2.3
04.2 Owner occupiers housing costs	165	99.9	102.2	0.1	0.1	1.8	1.9					2.2		
All goods All services CPIH excluding Energy, food, alcoholic beverages & tobacco	432 568 824	100.4 99.9 99.9	98.8 102.5 101.5	-0.1 0.2 0.1		-2.1 2.1 1.3	2.3	-2.1 2.6 1.5	2.2	2.2	2.6	2.3		2.7
01.1 Food 01.1.1 Bread and cereals 01.1.2 Meat 01.1.3 Fish 01.1.4 Milk, cheese and eggs 01.1.5 Oils and fats 01.1.6 Fruit 01.1.7 Vegetables including potatoes and tubers 01.1.8 Sugar, jam, syrups, chocolate and confectionery 01.1.9 Food products (nec)	76 13 17 3 10 2 8 11 10 2	100.2 99.1 100.4 100.0 101.7 97.6 99.0 101.4 99.3 100.6	96.9 97.8 96.3 95.8 95.5 99.6 99.3 94.7 97.6 100.9	-0.4 -1.1 -0.1 0.7 -4.9 -1.4 1.0 -2.1 1.8	-0.6 1.1 -1.6 0.8 -1.1 -0.8 -2.1	-3.1 -4.3 -6.4 -5.6 -4.3 -1.5 -2.1	-1.9 -3.8 -7.3 -6.7 -2.3 -1.2 -1.6 1.2	-3.2 -2.4 -4.1 -5.0 -5.4 -6.2 -0.8 -4.7 -0.1	-1.8 -3.8 -6.8 -4.4 -0.4 -1.3 -4.0 0.1	-2.2 -4.3 -4.9 -3.0 0.1 -0.4 -2.0 -1.0	-2.0 -4.4 -5.4 -4.2 -7.3 1.9 -4.1	-1.6 -4.9 -2.8 -4.8 3.3 - -3.8 -0.3	-1.7 -5.2 -4.1 -3.9 -3.8 - -4.9 -1.7	-1.3 -4.1 -4.2 -6.1 2.0 0.3 -6.6 -1.7
01.2 Non-alcoholic beverages 01.2.1 Coffee, tea and cocoa 01.2.2 Mineral waters, soft drinks and juices	10 3 7	100.1 100.2 100.1	99.3 100.5 98.9	1.0 1.2 0.9	-0.5	-0.8	-0.7	-0.9 -2.0 -0.6	-0.8	-1.9	0.4	-1.1	2.0	0.2
02.1 Alcoholic beverages 02.1.1 Spirits 02.1.2 Wine 02.1.3 Beer	15 4 7 4	101.5 98.7 102.8 102.1	96.2 95.6 95.7 97.7	0.1 -2.6 1.3 0.9	-0.6 -0.4	-4.6 -5.0	-1.2 -2.3	-4.8 -4.4 -5.2 -4.7	-2.3 -4.7	-5.2 -3.3	-4.5 -4.0	-3.4 -4.2	-5.0 -5.5	-3.1 -7.0
02.2 Tobacco	20	100.0	104.8	0.2	0.1	4.0	4.4	4.2	4.3	4.3	4.5	4.7	4.9	4.8
03.1 Clothing 03.1.2 Garments 03.1.3 Other clothing and clothing accessories 03.1.4 Cleaning, repair and hire of clothing	51 45 5 1	99.9 99.9 <i>99.2</i> 100.1	99.5 99.5 98.5 102.3	-0.5 -0.4 -1.4 0.1	-0.5 -0.2 -3.1 0.2	1.1 1.1 1.8 2.1	0.1 0.1	-0.1 -0.3 1.7 1.9		0.3 0.8	1.7 1.9	0.3 1.0	-0.6 1.1	-0.4 -0.4 -0.7 2.3
03.2 Footwear including repairs	9	101.3	99.2	-	-1.5	-1.1	-1.2	-1.4	-0.1	-0.2	-0.5	-0.2	-0.5	-2.1
04.1 Actual rentals for housing	60	99.8	101.6	0.1	0.1	3.0	3.0	3.0	2.9	2.9	2.9	1.9	1.8	1.8
04.2 Owner occupiers housing costs	165	99.9	102.2	0.1	0.1	1.8	1.9	1.9	2.0	2.0	2.1	2.2	2.3	2.3
04.3 Regular maintenance and repair of the dwelling 04.3.1 Materials for maintenance and repair 04.3.2 Services for maintenance and repair	2 1 1	100.3 100.7 99.9	100.3 100.0 100.5	0.1 0.3 -			-1.1	-0.1 -0.8 0.7	0.2	-0.7		-0.1		-0.6
04.4 Water supply and misc. services for the dwelling 04.4.1 Water supply 04.4.3 Sewerage collection	10 5 5	99.8 99.6 100.1	101.2 100.5 102.0	- -	-	-1.7	-1.7	-0.7 -1.7 0.3	-1.7	-1.7	-1.7	0.9	0.9	0.9
04.5 Electricity, gas and other fuels 04.5.1 Electricity 04.5.2 Gas 04.5.3 Liquid fuels 04.5.4 Solid fuels	29 14 13 1 1	100.1 99.9 100.0 106.9 98.8	96.7 99.7 93.3 90.8 98.6	-0.1 -2.7 -0.4	- - 8.1-	-0.2 -6.4 -30.9-	-0.2 -6.4 -32.4	-4.2 -0.2 -6.4 -32.3 -0.6	-0.2 -6.0 -29.3	-0.2 -6.0 -35.6	-0.2 -6.0 -28.4	-0.2 -7.3 -26.9	-0.2 -6.7 -23.5	-0.2 -6.7 -15.1
05.1 Furniture, furnishings and carpets 05.1.1 Furniture and furnishings 05.1.2 Carpets and other floor coverings	16 13 3	100.7 101.9 97.6	100.1 99.8 101.1	1.6 2.3 –0.4		1.4	1.5	-1.4 -0.8 -3.2	1.1		0.5	0.2	0.3	-0.6 -2.0 3.6
05.2 Household textiles	6	100.1	97.0	-0.7	-1.6	0.7	1.4	0.2	-0.9	-1.5	-0.7	-0.6	-2.2	-3.1
05.3 Household appliances, fitting and repairs 05.3.1/2 Major appliances and small electric goods 05.3.3 Repair of household appliances	7 6 1	98.6 98.3 100.1	100.1 99.7 101.8	-0.9 -1.1 -		_ 0.2 _0.9	0.8		0.9	2.0	2.4	-0.1	1.1	
05.4 Glassware, tableware and household utensils	5	100.7	98.5	-0.8	-1.0	0.5	0.3	-0.3	-1.0	-0.4	-1.3	-1.4	-1.9	-2.1
05.5 Tools and equipment for house and garden	5	100.3	98.4	-0.1	-0.7	-0.2	-0.4	-	1.6	1.1	0.1	-1.9	-1.4	-1.9
05.6 Goods and services for routine maintenance 05.6.1 Non-durable household goods 05.6.2 Domestic services and household services	11 4 7	100.0 100.1 99.9	100.9 96.7 103.5	0.3 0.5		-2.4	-6.7	1.0 -2.7 3.4	-7.1	-5.8	-5.4	-4.6	-4.1	-3.4
06.1 Medical products, appliances and equipment 06.1.1 Pharmaceutical products 06.1.2/3 Other medical and therapeutic equipment	11 7 4	99.1 98.8 99.5	101.6 102.2 100.3	-1.3 -2.2 -0.1	0.2 -0.2	0.8 0.3 1.6			1.9	1.3	0.1	1.3	1.0	3.4

continued

	Weights Ir	ndex (201	l 5=100)	Percentage over 1 m		ge Percentage change over 12 months									
	2016	2015 Jun	2016 Jun	2015 Jun	2016 Jun						2016 Mar				
06.2 Out nations convices	5	100.1	102.2	0.0	0.2	1.0	1 4	1.0	1 /	1 2	1.0	1 0	1.0	2.2	
06.2 Out-patient services 06.2.1/3 Medical services & paramedical services	5 3	99.5	102.3 101.5	-0.2 -0.3	0.2 0.2	1.3 0.7	1.4 0.9	1.2 0.8	1.4 1.4	1.3 1.3	1.3 1.2	1.8 1.6	1.9 1.4		
06.2.2 Dental services	2	100.6	103.7	-	0.2	1.8	1.9	1.6	1.3	1.3	1.3		2.9	3.	
06.3 Hospital services	7	101.0	104.6	0.1	0.2	3.2	3.2	3.2	4.1	4.1	4.2	3.3	3.5	3.6	
07.1 Purchase of vehicles	36	100.5	98.3	-0.3	-0.3										
07.1.1A New cars 07.1.1B Second-hand cars	21 13	100.4 100.6	100.3 95.0	-0.9	-0.3 -0.3										
07.1.2/3 Motorcycles and bicycles	2	101.0	98.3	0.2							-6.1				
7.2 Operation of personal transport equipment	61	102.2	101.1	0.4	1.0	-5.6	-5.1	-4.2	-2.4	-2.3	-3.1	-2.2	-1.7	-1.	
07.2.1 Spare parts and accessories	4	100.0	100.6	0.2							0.5				
07.2.2 Fuels and lubricants 07.2.3 Maintenance and repairs	26 19	105.0 100.1	99.3 101.9	0.8 0.1				1.9			-9.2 1.7				
07.2.4 Other services	12	99.4	103.9	0.1	-0.1	1.6	1.7			2.6	2.9				
7.3 Transport services	31	99.5	103.4	0.4	2.7	3.0	3.2	9.8	3.0	2.0	7.7	1.6	1.6	3.	
07.3.1 Passenger transport by railway	11	99.8	98.0	0.2	-2.1	1.6	0.9		-	-	1.7			-1.	
07.3.2 Passenger transport by road 07.3.3 Passenger transport by air	10 7	99.2 98.9	102.5 99.5	0.2 0.3	0.8 10.9		2.7			1.4	2.1 17.9	1.9			
07.3.4 Passenger transport by sea and inland waterway	3	101.6	112.3	2.1	4.6	3.3					6.6				
8.1 Postal services	1	100.4	101.9	_	_	1.3	17	17	17	17	1.7	15	1.5	1.	
8.2/3 Telephone and telefax equipment and services	, 25	99.4	101.9	-0.2	0.6	2.1	3.0	2.7		2.1	1.4				
9.1 Audio-visual equipment and related products 09.1.1 Reception and reproduction of sound and pictures	16 4	101.1 102.7	95.2 94.5	0.6 1.1	1.0 -0.3			-	-		-6.5			-	
09.1.2 Photographic, cinematographic and optical equipment		102.2	93.0	-3.0							-11.5-				
09.1.3 Data processing equipment	6	101.0	89.8	1.4							-14.1-				
09.1.4 Recording media 09.1.5 Repair of audio-visual equipment & related products	3 1	99.6 100.2	104.6 100.5	0.8 0.2							3.6 0.9				
9.2 Oth. major durables for recreation & culture 09.2.1/2 Major durables for in/outdoor recreation	10 10	99.8 99.8	101.0 101.0			1.9 1.9	2.0 2.0	2.1 2.1	1.7 1.7	1.7 1.7	1.8 1.8	1.3 1.3	1.2 1.2		
9.3 Other recreational items, gardens and pets	28	99.0	99.9	-1.2	0.3	-0.3	-1.2	-0.9	-0.8	-1.0	-1.3	0.7	-0.7	0.	
09.3.1 Games, toys and hobbies	16	98.3	100.0	-1.8	0.4	-0.3	-1.3	-1.6	-1.1	-1.6	-2.0	1.3			
09.3.2 Equipment for sport and open-air recreation 09.3.3 Gardens, plants and flowers	2 4	99.0 100.1	100.3 99.0	-1.4 -0.2							-0.6 -0.9				
09.3.4/5 Pets, related products and services	6	100.2	99.6	-0.1				0.6					-0.9		
9.4 Recreational and cultural services	28	100.7	105.6	0.6	1.3	2.8	2.9	2.5	2.6	3.2	2.9	4.3	4.2	4.	
09.4.1 Recreational and sporting services	8	99.8	103.9	0.1	0.2	4.2	4.1	4.0	4.0	4.2	4.5	4.3	4.2	4.	
09.4.2 Cultural services	20	101.0	106.2	0.8	1.7	2.2	2.4	1.9	2.1	2.8	2.3	4.3	4.2	5.	
9.5 Books, newspapers and stationery	11	99.3	102.7	0.1	1.8		3.5				2.0				
09.5.1 Books	3 4	96.2 100.9	100.5 104.3	-2.6 1.9	3.4 0.3	2.4 3.7	7.1 3.2			8.1 2.5	0.2 4.5	-3.5 5.0			
09.5.2 Newspapers and periodicals 09.5.3/4 Misc. printed matter, stationery, drawing materials	4	100.5	104.3	0.6	2.1	0.5	0.4		1.5 1.7	0.3	0.4		0.6		
9.6 Package holidays	30	99.7	100.0	-	-0.1	1.1	1.2	1.2	1.2	1.1	1.1	0.8	0.4	0.	
0.0 Education	21	98.7	103.4	-	-	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.8	4.	
1.1 Catering services	84	100.0	102.2	0.2	0.2	1.1	1.1	1.5	1.6	1.6	1.8	2.0	2.2	2.	
11.1.1 Restaurants & cafes	77	100.0	102.2	0.2		1.3		1.7 -0.4		1.7	1.9	2.1	2.2		
11.1.2 Canteens 1.2 Accommodation services	7 18	99.9 101.3	101.6 104.2	0.1 1.7	-0.1	-0.6	-0.2		0.1 1.4	0.2 3.1	0.7 3.7		1.3 4.7		
2.1 Personal care	26	99.8	98.7	-0.1	-0.2										
12.1.1 Hairdressing and personal grooming establishments 12.1.2/3 Appliances and products for personal care	6 20	99.9 99.8	102.0 97.7	0.1 -0.1	-0.2 -0.3						1.9 –2.1				
2.3 Personal effects (nec)	14	99.9	99.3	-0.3	-0.3	-0.7	0.9	1.0	0.8	0.6	-0.6	-0.8	-0.6	-0	
12.3.1 Jewellery, clocks and watches 12.3.2 Other personal effects	8	99.5 100.7	100.5 98.2	-0.3 -0.3	-0.4 -0.1	-0.6	0.1	-0.2	0.9	0.7	0.4 -1.7	1.1	1.1	1.	
2.4 Social protection	13	99.9	103.2	0.2	0.6	3.2		3.4		2.9		2.9	2.9		
2.5 Insurance	7	99.4	108.6	0.2	0.9	2.0	4.2		7.3		7.2				
12.5.2 House contents insurance 12.5.3 Health insurance	2 2	99.6 101.9	101.3 108.7	0.1	0.9	-5.4 3.6	-3.8 4.2	-0.3	1.7 7.7		-1.2 7.7		0.8 6.7		
12.5.4 Transport insurance	3	98.1	112.2	0.3	1.4	5.5		7.8			11.3		13.2		
2.6 Financial services (nec)	10	100.4	99.7	1.5	-0.3	-1.4	-1.2	-1.2	_	0.1	0.7	0.6	1.1	-0.	
12.6.2 Other financial services (nec)	10	100.4	99.7	1.5	-0.3				-	0.1	0.7	0.6	1.1	-0.	

Key:- zero or negligible .. not available (nec) not elsewhere covered

1 From the release of January data on 16 February 2016, CPI and CPIH indices will be re-referenced and published with 2015=100.

2 The National Statistics status of CPIH has been discontinued pending work to investigate and improve the method for measuring owner occupiers' housing costs in this index. The improvements from the resulting developSource: Office for National Statistics