Consumer price inflation basket of goods and services: 2019

The review process for the items making up the inflation basket used to calculate the UK consumer price inflation indices and how and why the various items in the basket are chosen.

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1. Introduction

The “shopping baskets” of items used in compiling the various measures of UK consumer price inflation are reviewed each year. Some items are taken out of the baskets and some are brought in to make sure the measures are up-to-date and representative of consumer spending patterns. In 2019, 16 items have been added to the Consumer Prices Index including owner occupiers’ housing costs (CPIH) and Consumer Prices Index (CPI) baskets, 10 items have been removed and 16 have been modified.

This article describes the review process and explains how and why the various items in the consumer price inflation baskets are chosen. The contents of the baskets for 2019 are summarised in Annexes A and B, and the main changes from the 2018 price collection are discussed in this article. Similar articles have been published in previous years.

The following are the measures of consumer price inflation covered in the article.

CPIH

The most comprehensive measure of consumer price inflation, which extends the CPI to include owner occupiers’ housing costs (OOH) and Council Tax. Aside from these two components, CPIH is identical to CPI.

CPI

A measure 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 for the Bank of England’s inflation target.

Retail Prices Index (RPI)

A legacy measure that we continue to publish in accordance with the Statistics and Registration Service Act 2007 and because of its use in long-term contracts and index-linked gilts. The Retail Prices Index and its derivatives were assessed against the Code of Practice for Official Statistics in 2013 and found not to meet the required standard for designation as a National Statistic. Shortcomings of the Retail Prices Index as a measure of inflation describes the issues with the RPI.

This article also summarises one other methodological change this is to the “weight updating” procedure for CPIH and CPI, and follows on from the introduction of an extra level of detail in March 2017. This is described in Section 6, Other change, with links to more detailed articles on the subject.

2. The shopping basket

Consumer price inflation is the rate at which the prices of goods and services bought by households rise or fall. A convenient way of thinking about this is to imagine a very large “shopping basket” containing those goods and services bought by households. As the prices of the various items in the basket change over time, so does the total cost of the basket. Movements in consumer price inflation indices represent the changing cost of the shopping basket.

In principle, the basket should contain all consumer goods and services purchased by households and the prices measured in every shop or outlet that supplies them. In practice, the consumer price indices are calculated by collecting a sample of prices for a selection of representative goods and services in a range of UK retail locations including the internet.
Currently, around 180,000 separate price quotations are collected every month in compiling the indices, covering around 700 representative consumer goods and services. These prices are collected in around 140 locations across the UK, from the internet and over the phone. In addition, around 300,000 quotes are used in measuring owner occupiers’ housing costs each month. This measure is based principally on data from administrative sources.

Within each year, the consumer price indices represent the changing cost of a basket of goods and services of fixed composition, quantity and quality. In practice, this is achieved by:

- keeping the sample of representative goods and services constant
- applying a fixed set of weights to price changes for each of the items such that their influence on the overall index reflects their importance in the typical household budget
- taking care to ensure that replacements for brands that are no longer stocked in an individual shop are of comparable quality

In this way, changes in the consumer price indices from month to month reflect only changes in prices and not ongoing variations in the quality and quantity of items purchased by consumers.

Although kept constant within year, the contents of the consumer price inflation basket of goods and services and their associated expenditure weights are updated annually. This is important in helping to avoid potential biases that might otherwise develop over time – for example, due to the development of entirely new goods and services, or the tendency for consumers to move away from buying goods and services whose prices have risen relatively rapidly to goods and services whose prices have fallen. As an example, if the price of tea rose dramatically during one year, consumers might switch their spending towards coffee, making it necessary to adjust the expenditure weights accordingly in the following year.

These procedures also help to ensure that the indices reflect longer-term trends in consumer spending patterns. For example, the proportion of household expenditure devoted to services has broadly risen overall over the last 25 years, with the main increase in the years to 2003. This is reflected both in an increasing weight for this component in the consumer price indices and the addition of new items in the basket to improve measurement of price changes in this area: examples include playgroup and nanny fees.

Changes to the items and their associated item weights are introduced in the February index each year, but prices are collected for both old and new items in January. This means that the figures for each year can be “chain-linked” together to form a long-run price index spanning many years. In other words, price changes between December and January are based on the old basket, while price changes between January and February, and beyond, are based on the new basket. This procedure ensures that the annual changes to the basket do not introduce a discontinuity in prices as measured by the indices.

Consumer price indices, a brief guide: 2017 provides a helpful introduction to the concepts and procedures underpinning the compilation of the consumer price indices. These are described in much greater detail in Consumer Price Indices – Technical Manual and CPIH Compendium.

In reality, the Consumer Prices Index including owner occupiers’ housing costs (CPIH) and Consumer Prices Index (CPI) inflation baskets differ because CPIH includes a measure of owner occupiers’ housing costs and Council Tax that are excluded from CPI. Both the CPIH and CPI baskets contain some items excluded from the Retail Prices Index (RPI) basket such as university accommodation fees and unit trust commissions. Similarly, the RPI basket contains some items (for example, estate agent fees) that are excluded from the CPIH and CPI baskets. The precise weights attached to the individual items also differ. The differences between the inflation measures are discussed in Users and uses of consumer price inflation statistics.
3. Representative items

There are some individual goods and services where typical household spending is so large that they merit inclusion in the baskets in their own right: examples include petrol and electricity supply. However, it would be impractical to measure price changes of every item bought by every household in compiling the consumer price indices.

More commonly, a sample of specific goods and services has to be selected that gives a reliable measure of price movements for a broader range of similar items. For example, price changes for garden spades might be considered representative of price changes for other garden tools. The selection of these representative items is judgmental due to the significant difficulties involved in defining an adequate sampling frame, that is, a list of all the individual goods and services bought by households. This restricts the use of traditional random sampling methods when choosing the representative items.

For each product grouping, a number of items are selected whose price movements, when taken together, provide a good estimate of the overall change in prices for the group. For example, there are around 20 representative items in the Consumer Prices Index including owner occupiers’ housing costs (CPIH) “furniture and furnishings” class, from beds to kitchen units, whose prices are used to calculate an overall estimate of price change for all furniture products.

The prices collected for each product group are then combined to produce the overall consumer price indices, with weights proportional to total expenditure on the entire product group. So the weight given to “furniture and furnishings” in the CPIH shopping basket reflects average household spending on all furniture products as opposed to spending on the basket items only. Similarly, the weight of garden spades would be derived from spending on all garden tools.

These expenditure weights were historically updated annually so that the indices reflected current spending patterns. The weights for CPIH and the Consumer Prices Index (CPI) classes and higher-level aggregates were updated with effect from the January index while Retail Prices Index (RPI) section weights were revised with effect from the February index. The distribution of weights for the more detailed individual item indices within each class or section were also revised each February.

However, from 2017, CPIH and CPI subclass and higher-level aggregate weights have been updated additionally with the February index. This improvement was the result of an independent report; it brings the procedure into line with best practice and helps to better meet EU regulations. Assessing the impact of methodological improvements on the Consumer Prices Index, published on 18 October 2016, describes this change in more detail and analyses the impact. Broadly speaking, over the longer-term, weights for services have increased while those for goods have decreased. A more detailed article on changes to the published consumer price indices weights for 2019 will be published on 18 March 2019.

4. Selecting the representative items

A number of factors need to be taken into account when choosing representative items. Of course, the items must be easy to find by the team of people collecting the price quotes, so ensuring that estimates of price change are based on an adequate number of quotes collected throughout the UK.

Since the consumer price inflation statistics are based on the cost of fixed in-year baskets of goods and services, ideally they should also be available for purchase throughout the year. However, availability of some clothing and garden items is clearly seasonal and so these goods require a slightly different treatment in the indices. For example, prices of patio furniture are only collected during the summer months when the item is mostly found in shops. In winter months, their index is constructed based on the prices of other items in the furniture section of the basket.
The number of items chosen to represent each product group within the indices depends both on the weight (that is, expenditure) of the group and also the variability of price changes between the various items that could be selected to represent the group (reflecting, for example, the diversity of products available). Intuitively, it makes sense to choose more items in product groups where spending is high. This helps to minimise sampling variability in the estimate of price change for high-weighted groups and therefore in the overall price index. However, if price movements of all possible items in the group are very similar, it is sufficient to collect prices for only a few. In contrast, if price movements of all the possible items are very different, prices will be needed for many representative items to get a reliable overall estimate of price change for the group.

Based on this, the allocation of items to broad commodity groups can be analysed, as shown for the 12 divisions of the Consumer Prices Index including owner occupiers’ housing costs (CPIH) in Table 1, and the balance used as a reference point for the annual review of the baskets. The significant allocation of items to the food division relative to its index weight, for example, is partly explained by the relatively high variation in observed price changes between the individual goods in this area. Conversely, a smaller proportion of items relative to index weight is allocated to the restaurants and hotels division, reflecting greater similarity in observed price changes.

In some cases, such as transport and housing, apparent low allocations of items are explained by the presence of some dominant individual items (for example, car purchase and motor fuels, and owner occupiers’ housing costs and housing rents respectively). Here, the case for adding further items to improve coverage of these divisions’ remaining index weights is much weaker. Instead, it is far more important to ensure that the sampling of prices for these heavily-weighted items is as comprehensive as possible.
<table>
<thead>
<tr>
<th>CPIH weight, Jan 2019 (per cent)</th>
<th>Observed variation in price changes¹</th>
<th>Representative items² (per cent of total)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Food and non-alcoholic beverages 8.0</td>
<td>Medium</td>
<td>24</td>
</tr>
<tr>
<td>2 Alcohol and tobacco 3.2</td>
<td>Medium</td>
<td>4</td>
</tr>
<tr>
<td>3 Clothing and footwear 5.7</td>
<td>Medium</td>
<td>11</td>
</tr>
<tr>
<td>4 Housing and household services 29.8</td>
<td>Low</td>
<td>5</td>
</tr>
<tr>
<td>5 Furniture and household goods 5.2</td>
<td>Medium</td>
<td>10</td>
</tr>
<tr>
<td>6 Health 2.2</td>
<td>Low</td>
<td>3</td>
</tr>
<tr>
<td>7 Transport 12.4</td>
<td>Medium</td>
<td>6</td>
</tr>
<tr>
<td>8 Communication 2.0</td>
<td>Medium</td>
<td>1</td>
</tr>
<tr>
<td>9 Recreation and culture 12.5</td>
<td>Medium</td>
<td>17</td>
</tr>
<tr>
<td>10 Education 1.8</td>
<td>Low</td>
<td>1</td>
</tr>
<tr>
<td>11 Restaurants and hotels 9.8</td>
<td>Low</td>
<td>7</td>
</tr>
<tr>
<td>12 Miscellaneous goods and services 7.4</td>
<td>Medium</td>
<td>11</td>
</tr>
</tbody>
</table>

Source: Office for National Statistics

Notes

1. Based on an analysis of variation in price changes between the individual items chosen to represent each division in the period 2013 to 2017. Back to table

2. These figures should be treated as providing only a broad indication of the allocation of items to the 12 CPIH divisions. For example, the sample of prices underpinning an existing item might easily be stratified in some way to form two or more distinct items; conversely, items could be merged to form a single item representing a wider, more heterogeneous, spending category. A specific example of this is the item ‘UK university tuition fees’. This is classified as one item but the index takes into account prices for undergraduate, postgraduate and part-time courses. Back to table

The analysis also helps to highlight those areas of CPIH that might benefit most from improved coverage, for example, where the current allocation of items is broadly comparable with index weight but variation in price changes appears relatively high, possibly reflecting the diversity of goods and services covered. As discussed later in this article, this type of analysis has motivated some of the additions to the baskets in 2019.

Conversely, it also helps to highlight areas where there is scope to remove items from the baskets without any significant loss of precision in the indices. It is important that growth in the overall size of the baskets is limited each year so that production costs and processing times are contained.

Such analysis cannot tell us which items should be priced and so choosing a particular set of items to represent each area remains a matter of judgement. Consumer price inflation commodity groupings are regularly reviewed with the aim that all significant items or distinct markets where consumers’ expenditure exceeds around £400 million annually are explicitly represented in the baskets, except where those items are judged to be adequately represented by other items in the baskets².
Conversely, where spending on items falls below the £100 million mark, there should be good reason for their continuing inclusion in the baskets. For example, while spending on acoustic guitars and power drills is relatively low, both are included in the baskets to represent wider markets (musical instruments and electrical tools respectively) that would otherwise not be covered explicitly. Trends in expenditure, as well as the latest available figures, help to inform the decisions in all cases.

This focus on expenditures in determining the contents of the baskets partly reflects the data that are available describing household spending patterns. One major source of information comes from the diaries and questionnaires filled in by people taking part in the Office for National Statistics (ONS) Living Costs and Food Survey, a continuous survey of around 5,000 households each year. This is supplemented by detailed analyses of trends presented by market research companies, trade journals and in press reports. Changes in the retail environment are also reported to ONS by the price collectors. Together, these various sources of information help to ensure that the goods and services bought by the average household are appropriately represented in the inflation baskets.

It is very important to note that the contents of the baskets and, in particular, changes from one year to the next should not be given significance beyond their purpose as representative items used in estimating consumer price changes. Changes to the baskets will reflect evolving consumer tastes but only over a long run of years. In any particular year, changes to the baskets will reflect a range of considerations such as practical experience in collecting prices, the desire to improve coverage in high-spending areas, or analysis that suggests that estimated price changes could be improved by varying the number or type of representative items collected.

Indeed, within each product grouping there is usually a point at which the exact number and choice of items and the precise weights attached to them become a matter of relatively fine judgement. At this detailed level, it is unlikely that such choices would have any significant impact on the consumer price indices. For example, a selection of specific household appliances has been chosen to represent spending on small electrical goods, including irons and kettles. However, other representations would clearly be possible and equally valid.

It should also be noted that the vast majority of the around 700 representative items remain unchanged in 2019. In total, 16 items have been added to the CPIH basket, 10 items have been removed and 16 items have been modified in a total of 720 items. The modifications usually relate to the type of shop where items are priced.

In summary, selection of representative items is based on several factors, including:

- ease of finding and pricing the product
- availability throughout the year
- amount spent on a particular item or the group of items
- variability of prices within a class
- analysis of balance across the basket

Notes for: Selecting the representative items

1. At the extreme, if price changes for all the possible items that could be selected in a particular group were identical each month, it would be necessary to select only one of the items for inclusion in the basket. Price changes for this one item would be perfectly representative of price changes for the group as a whole.

2. Under European regulations, items should be included in the Consumer Prices Index (CPI) where estimated consumers’ expenditure is one part per thousand or more of all expenditure covered by the CPI. Based on household final consumption data underpinning the calculation of the 2019 CPI weights, this is around £1,000 million.
5. Changes to the baskets in 2019

Changes to the baskets of goods and services this year are being introduced with the February 2019 consumer price inflation statistics published on 20 March 2019. The baskets will be updated again at the same time next year.

Additions

New additions to the baskets in 2019 and those items removed are set out in Tables 2 and 3, together with a summary of the motivation for these changes. As the tables make clear, these motivations are diverse. As in previous years, changes to the baskets in 2019 certainly should not be viewed as a simple indicator of those products or services whose popularity has either grown or fallen significantly over the past year. Most of the changes made this year affect all of the consumer price indices. The exception is a unit trust managers’ initial charge item, which has been removed from the Consumer Prices Index including owner occupiers’ housing costs (CPIH) and the Consumer Prices Index (CPI) but was never included in the Retail Prices Index (RPI).

As in most years, developments in technology influence the basket update and for 2019, a smart speaker, such as the Amazon Echo or Google Home, has been added. This type of equipment has not been covered previously and it ensures the baskets remain representative of the latest technology items that consumers are purchasing.

Aside from new technology, a number of new items have been introduced to represent specific markets where consumer spending is significant or growing and existing items in the baskets may not adequately represent price changes for such goods. For example, bakeware has been added reflecting increased expenditure in recent years possibly influenced by the success of various television cookery programmes. Similarly, flavoured teas have been introduced due to their increased popularity shown by the shelf-space devoted to them in stores.

In addition to introducing items to represent distinct sectors or markets, some items have been added to diversify the range of products collected for already established groupings, usually where spending is significant. For example, peanut butter has been introduced to improve coverage of oils and fats. Previously, margarine was the only item in the relevant subclass and its prices tend to be reasonably volatile so the inclusion of peanut butter should help interpretation of the figures. Similarly, an electric toothbrush has been added to improve representation of electrical appliances in the personal care class.

Analysis of the broad balance of the existing sample of representative items across CPIH highlighted a need to improve coverage of price changes in the books class so children’s fiction suitable for 6 to 12 years of age has been added. This closes a gap in the coverage of books between illustrated books for infants and teenage literature. This item has been introduced principally as part of the rebalancing of the baskets to improve their representation of overall price change, with other factors such as increased spending or product history only a secondary consideration used in selecting the specific product.

In other cases, new items are direct replacements for similar products with the change made for a variety of reasons. One of these is a change in consumers’ buying habits. For example, lounge furniture is increasingly bought as a combination of single items, such as corner units or settees and not in the traditional three-piece suite format. This might partly reflect the various styles of modern housing. As a result, non-leather settees have replaced three-piece non-leather suites in the baskets. Similarly, dinner plates have replaced crockery sets with more people buying crockery items individually than as part of traditional sets.

Other replacements reflect changes in spending patterns. For example, dog treats have been added in place of dry dog food as the balance of spending has shifted between the two. Likewise, washing liquid or gel has been brought in to replace washing powder.
A final type of replacement is where price collection difficulties suggest a change would improve the coverage and quality of price series in specific areas of the baskets. This year, wheel alignment has replaced brake fitting in fast fit centres. Research has found that the new item would be easier for collectors to price and would result in more consistent pricing and better coverage than the old.

In addition to reviewing the specific items in the baskets, the annual update considers the types of shops or places where prices are collected. Popcorn bought at the cinema is already included in the catering services part of the baskets but a new popcorn item has been added, which is priced in shops. Popcorn has attracted increased spending over recent years and its inclusion as a shop-bought item widens the range of products in the bread and cereals class, in particular improving the coverage of snack items. More generally, some items have been added to the price collections in some supermarkets while others have been removed from the collections in other supermarkets, reflecting changes in the product range of these retailers. For example, some items of children’s clothing have been added to collections.

Finally, the seasonality of items within the baskets is also reviewed. Previously, prices for packets of seeds were collected only in the first half of the year but from 2019, prices will be collected through to the autumn.

**Removals**

As noted earlier, it is important that growth in the overall size of the baskets is limited each year so that production costs and processing times may be contained. A number of items therefore have been removed from the baskets in 2019 to make space for the new additions.

In some cases, this reflects low or decreasing expenditure, such as with the initial charges made by unit trusts to cover start-up costs as many managers no longer apply an initial charge. Although not necessarily decreasing in spend, washing powder and complete dry dog food have been replaced by items that attract larger expenditure, namely washing liquid or gel and dog treats respectively.

Some items have been removed to make way for new additions to the baskets within the same product grouping. This year, the three-piece non-leather suite of furniture and crockery set have been replaced by a non-leather settee and dinner plates respectively. As already described, this reflects changes in consumer buying patterns.

In some cases, a product will remain represented in the baskets even if there is no longer an explicit item. For example, the initial charges made by unit trusts to cover start-up costs mentioned previously have been removed but unit trust fees continue to be represented by the ongoing charges made by managers.

Elsewhere, analysis suggested that there was scope to remove items from certain product groupings without any significant loss of precision in estimates of price changes overall. Within these groupings, those items with relatively low index weights or items that are variants of others have typically been chosen. This year, envelopes have been removed from the miscellaneous printed matter and stationery part of the baskets, in part reflecting the increasing use of new technology for communication. Additionally, a soft drink has been taken out from the canteens section. Many of the prices collected for this item represent vending machine sales, which are covered in a separate item.

Collection issues can influence changes and, as already mentioned, brake fitting at fast fit auto centres has been removed. It has been replaced by wheel alignment, which is easier to price consistently over time and which identifies the service element more clearly, being less dependent on price changes in the parts used.

**6. Other change**

One other change has already been introduced with the publication of the January index on 13 February 2019. This relates to the calculation of the higher-level weights in the Consumer Prices Index including owner occupiers’ housing costs (CPIH) and the Consumer Prices Index (CPI).
The change follows on from the introduction in 2017 of an additional “subclass” level of detail in the analysis of these indices, described in Assessing the impact of methodological improvements on the Consumer Prices Index. Essentially, updating the CPIH and CPI higher-level weights involves updating the expenditure used and price-adjusting this expenditure so that it reflects the most recent prices available when the weights are produced. For example, the weights used in compiling the January 2019 indices were based on 2017 expenditure information updated to represent December 2018 prices. More detail on this process is given in Consumer price inflation, updating weights: 2018. From the January 2019 index, the price series used to price-update expenditure has changed to the subclass level of detail first introduced in 2017. Analysis of the change suggests its impact would not be significant at any level of CPIH or CPI.
## Table 2: Additions to the basket in 2019

<table>
<thead>
<tr>
<th>CPIH/CPI Class</th>
<th>RPI Section</th>
<th>New Item</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.1.1 Bread and Cereals</td>
<td>2102 Cereals</td>
<td>Popcorn</td>
<td>New item. This item has been added due to increased spending. Its inclusion widens the range of items in this part of the basket and, in particular, improves coverage of snack items.</td>
</tr>
<tr>
<td>1.1.5 Oils and Fats</td>
<td>2114 Oils and Fats</td>
<td>Peanut Butter</td>
<td>New item. This item has been added to reduce the weight of margarine which was the only item in the relevant CPIH/CPI subclass and whose prices tend to be volatile.</td>
</tr>
<tr>
<td>1.2.1 Coffee, Tea and Cocoa</td>
<td>2119 Tea</td>
<td>Flavoured Tea, e.g. Herbal/Fruit</td>
<td>New item. Added to reflect the increased expenditure and shelf-space devoted to flavoured teas more generally.</td>
</tr>
<tr>
<td>1.2.2 Mineral Waters, Soft Drinks and Juices</td>
<td>2120 Soft Drinks</td>
<td>Regular Cola Drink, Bottle</td>
<td>The cola flavoured drink has been replaced by a regular cola and a diet/sugar free cola so that differences in price trends, for example following the introduction of the Soft Drinks Industry Levy or “Sugar Tax”, can be distinguished.</td>
</tr>
<tr>
<td>1.2.2 Mineral Waters, Soft Drinks and Juices</td>
<td>2120 Soft Drinks</td>
<td>Diet/Sugar Free Cola Drink, Bottle</td>
<td>The cola flavoured drink has been replaced by a regular cola and a diet/sugar free cola so that differences in price trends, for example following the introduction of the “Sugar Tax”, can be distinguished.</td>
</tr>
<tr>
<td>3.1.3 Other Clothing and Clothing Accessories</td>
<td>5104 Other Clothing</td>
<td>Adult Hat/Cap</td>
<td>New item. Introduced to diversify the range of items within the clothing accessories class and reflects current fashion trends.</td>
</tr>
<tr>
<td>5.1.1 Furniture and Furnishings</td>
<td>4301 Furniture</td>
<td>Non-Leather Settee</td>
<td>Replaces a three-piece non-leather suite, reflecting a change in the way in which consumers are buying furniture, namely moving away from purchasing ‘suites’ in favour of corner units or settees.</td>
</tr>
<tr>
<td>5.4.0 Glassware, Tableware and Household Utensils</td>
<td>4304 Other Household Equipment</td>
<td>Bakeware - Baking Tray or Roasting Tin</td>
<td>New item. Added to expand the range of kitchen equipment. It reflects a large increase in expenditure over recent years and the growing popularity in baking at home.</td>
</tr>
<tr>
<td>5.4.0 Glassware, Tableware and Household Utensils</td>
<td>4304 Other Household Equipment</td>
<td>Dinner Plate</td>
<td>Replaces a crockery set reflecting a change in consumers’ buying habits with more people buying crockery items individually than as part of traditional sets.</td>
</tr>
<tr>
<td>Section</td>
<td>Category</td>
<td>Class</td>
<td>Description</td>
</tr>
<tr>
<td>---------</td>
<td>-----------------------------------------------</td>
<td>------------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>5.6.1</td>
<td>Non-Durable Household Goods</td>
<td>4305 Household Consumables</td>
<td>Washing Liquid/Gel replaces washing powder. Washing Liquid/Gel now attracts higher expenditure than powder, reflected in the different varieties available to consumers and the increased shelf-space in stores.</td>
</tr>
<tr>
<td>7.2.3</td>
<td>Maintenance and Repairs</td>
<td>6102 Maintenance of Motor Vehicles</td>
<td>Wheel Alignment added to replace brake fitting in fast fit centres. Research conducted found that this item would be easier for collectors to price and would result in more consistent pricing and better coverage.</td>
</tr>
<tr>
<td>9.1.1</td>
<td>Equipment for the Reception and Reproduction of Sound and Pictures</td>
<td>6301 Audio-Visual Equipment</td>
<td>Portable Speaker eg Bluetooth Speaker replaces Hi-Fi to reflect developing technology and improve coverage compared with the Hi-Fi item which was becoming increasingly difficult to price.</td>
</tr>
<tr>
<td>9.1.3</td>
<td>Data Processing Equipment</td>
<td>6301 Audio-Visual Equipment</td>
<td>Smart Speaker new item. Smart speakers, such as Amazon Echo and Google Home, have been added due to increasing popularity and to ensure the basket is representative of the latest technology items that consumers are purchasing.</td>
</tr>
<tr>
<td>9.3.4/5</td>
<td>Pets, Related Products and Services</td>
<td>4306 Pet Care</td>
<td>Dog Treats added due to the growing popularity of pet treats with dog treats attracting higher expenditure than complete dry dog food which it replaces in the basket.</td>
</tr>
<tr>
<td>9.5.1</td>
<td>Books</td>
<td>6304 Books and Newspapers</td>
<td>Child’s Fiction Book, 6-12 years old new item. Books are an under-represented part of the basket and children’s fiction suitable for 6-12 years of age has been added to help improve the overall estimate of price movement. This particular product also closes a gap in the coverage of books between illustrated books for infants and teenage literature.</td>
</tr>
<tr>
<td>12.1.2/3</td>
<td>Appliances and Products for Personal Care</td>
<td>4303 Electrical Appliances</td>
<td>Electric Toothbrush new item. Introduced to improve representation of the electrical appliance element of the personal care class.</td>
</tr>
</tbody>
</table>
Table 3: Items removed from the basket in 2019
(1. “low weighted” denotes an item with a CPIH weight of less than 0.5 parts per thousand in 2018.)

<table>
<thead>
<tr>
<th>CPIH/CPI Class</th>
<th>RPI Section</th>
<th>Dropped Item</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.2.2 Mineral Waters, Soft Drinks and Juices</td>
<td>2120 Soft Drinks</td>
<td>Cola Flavoured Drink</td>
<td>This item is being replaced by two colas - regular and diet/sugar free - to distinguish different price trends following the introduction of the Soft Drinks Industry Levy or “Sugar Tax”.</td>
</tr>
<tr>
<td>5.1.1 Furniture and Furnishings</td>
<td>4301 Furniture</td>
<td>Three-Piece Non-Leather Suite</td>
<td>Replaced by a non-leather settee to reflect current consumer buying patterns which are moving away from traditional three-piece suites to individual settees and corner units.</td>
</tr>
<tr>
<td>5.4.0 Glassware, Tableware and Household Utensils</td>
<td>4304 Other Household Equipment</td>
<td>Crockery Set</td>
<td>This item is being replaced by a dinner plate since crockery items are increasingly sold as singles rather than sets which are now more representative only of the value end of the market.</td>
</tr>
<tr>
<td>5.6.1 Non-Durable Household Goods</td>
<td>4305 Household Consumables</td>
<td>Washing Powder</td>
<td>Replaced by washing liquid/gel which attracts greater consumer spending than powder.</td>
</tr>
<tr>
<td>7.2.3 Maintenance and Repairs</td>
<td>6102 Maintenance of Motor Vehicles</td>
<td>Brake Fitting in Fast Fit Auto Centre</td>
<td>Replaced by wheel alignment due to collection issues for price collectors. The new item identifies the service element more clearly and is not dependent on price changes in the parts used.</td>
</tr>
<tr>
<td>9.1.1 Equipment for the Reception and Reproduction of Sound and Pictures</td>
<td>6301 Audio-Visual Equipment</td>
<td>Hi-Fi</td>
<td>Removed due to low coverage and declining consumer spend. This will be replaced by a portable speaker reflecting current trends.</td>
</tr>
<tr>
<td>9.3.4/5 Pets, Related Products and Services</td>
<td>4306 Pet Care</td>
<td>Complete Dry Dog Food</td>
<td>Replaced by dog treats which attract higher consumer spending and are part of the growing popularity of pet treats more generally.</td>
</tr>
<tr>
<td>9.5.3/4 Miscellaneous Printed Matter, Stationery, Drawing Materials</td>
<td>4305 Household Consumables</td>
<td>Envelopes</td>
<td>Removed from an over-covered area of the basket. Envelopes are a low weighted item as a result of the increasing use of new technology for communication.</td>
</tr>
</tbody>
</table>
11.1.2 Canteens

| 2202 Canteen Meals | Staff Restaurant Soft Drink | Removed from an over-covered area of the basket. The drink was chosen for removal since many of the price quotes reflect vending machine purchases which are covered elsewhere in the basket. |

12.6.2 Other Financial Services Not Elsewhere Covered

| 4402 Fees and Subscriptions | Unit Trust Initial Charge | Removed due to many unit trusts no longer applying an initial charge. Unit trust fees will still be represented in the basket in the form of ongoing charges. |
Annex A: Consumer price indices, CPIH and CPI: representative items in 2019

### 01.1 Food

#### 01.1.1 Bread and Cereals
- Large white loaves - sliced and unsliced
- Bread rolls
- Flour
- Rice
- Pasta
- Breakfast cereals
- Sponge cakes
- Pack of individual cakes
- Cereal bars
- Various selected biscuits
- Large wholemeal loaf
- Garlic bread
- Chilled pizza
- Quiche
- Dehydrated noodles/pasta
- Hot oat cereal
- Doughnuts
- Fruit pies
- Crackers
- Popcorn

#### 01.1.2 Meat

**Beef**
- Rump steak
- Mince

**Lamb**
- Loin chops
- Leg

**Pork**
- Loin chops
- Gammon

**Chicken**
- Fresh/chilled whole chicken
- Frozen chicken breasts

**Other Meats**
- Pork sausages
- Cooked meats - eg ham
- Canned meats
- Chicken kievs
- Continental deli type meat

**Fish**
- Fresh white fish fillets
- Canned tuna
- Frozen prawns

**Milk, Cheese and Eggs**
- Full-fat and semi-skimmed milk - shop-bought and delivered
- Flavoured milk

- Fresh salmon fillets
- Fish fingers
- Frozen breaded/battered white fish
- Non-dairy milk drink
<table>
<thead>
<tr>
<th>Fresh cream</th>
<th>Yoghurt</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chilled pot dessert</td>
<td>Fromage frais</td>
</tr>
<tr>
<td>Various sized eggs</td>
<td>Cheddar - home-produced</td>
</tr>
<tr>
<td>Other regional cheeses</td>
<td>Soft continental cheese</td>
</tr>
<tr>
<td>Parmesan</td>
<td>Cheese spread</td>
</tr>
<tr>
<td>Powdered baby formula</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>01.1.5 Oils and Fats</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Margarine/low fat spread</td>
<td>Olive oil</td>
</tr>
<tr>
<td>Block butter</td>
<td>Spreadable butter</td>
</tr>
<tr>
<td>Peanut Butter</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>01.1.6 Fruit</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Cooking apples</td>
<td>Dessert apples</td>
</tr>
<tr>
<td>Pears</td>
<td>Bananas</td>
</tr>
<tr>
<td>Strawberries</td>
<td>Grapes</td>
</tr>
<tr>
<td>Oranges</td>
<td>Small oranges</td>
</tr>
<tr>
<td>Avocado pears</td>
<td>Plums</td>
</tr>
<tr>
<td>Kiwi fruit</td>
<td>Grapefruit</td>
</tr>
<tr>
<td>Melon</td>
<td>Blueberries</td>
</tr>
<tr>
<td>Pineapple</td>
<td>Raspberries</td>
</tr>
<tr>
<td>Lemon</td>
<td>Fresh fruit snacking pot</td>
</tr>
<tr>
<td>Dried fruit</td>
<td>Canned fruit</td>
</tr>
<tr>
<td>Salted/roasted peanuts</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>01.1.7 Vegetables</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Loose and pre-packed potatoes - old, new and baking varieties</td>
<td></td>
</tr>
<tr>
<td>Prepared mashed potato</td>
<td>Frozen chips</td>
</tr>
<tr>
<td>Crisps - single and multi-packs</td>
<td>Corn based snacks</td>
</tr>
<tr>
<td>Peppers</td>
<td>Fresh tomatoes</td>
</tr>
<tr>
<td>Cabbage</td>
<td>Cauliflower</td>
</tr>
<tr>
<td>Carrots</td>
<td>Mushrooms</td>
</tr>
<tr>
<td>Onions</td>
<td>Lettuce</td>
</tr>
<tr>
<td>Cucumbers</td>
<td>Broccoli</td>
</tr>
<tr>
<td>Courgettes</td>
<td>Sweet potatoes</td>
</tr>
<tr>
<td>Pre-packed salad</td>
<td>Vegetable stir fry</td>
</tr>
<tr>
<td>Canned baked beans</td>
<td>Canned tomatoes</td>
</tr>
<tr>
<td>Canned sweetcorn</td>
<td>Frozen peas</td>
</tr>
<tr>
<td>Vegetarian burger/grills</td>
<td>Vegetable pickle</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>01.1.8 Sugar, Jam, Syrups, Chocolate and Confectionery</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Sugar</td>
<td>Jam</td>
</tr>
<tr>
<td>Honey</td>
<td>Ice cream</td>
</tr>
</tbody>
</table>
Various selected popular brands of sweets, chocolates, gum and mints

<table>
<thead>
<tr>
<th>01.1.9 Food Products (not elsewhere covered)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soup</td>
</tr>
<tr>
<td>Various sauces - eg tomato ketchup, mayonnaise</td>
</tr>
<tr>
<td>Protein powder</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>01.2 Non-Alcoholic Beverages</th>
</tr>
</thead>
<tbody>
<tr>
<td>01.2.1 Coffee, Tea and Cocoa</td>
</tr>
<tr>
<td>Tea bags</td>
</tr>
<tr>
<td>Ground coffee</td>
</tr>
<tr>
<td>Coffee pods</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>01.2.2 Mineral Waters, Soft Drinks and Juices</th>
</tr>
</thead>
<tbody>
<tr>
<td>Various pure fruit juices</td>
</tr>
<tr>
<td>Fruit drink</td>
</tr>
<tr>
<td>Mineral water</td>
</tr>
<tr>
<td>Lemonade</td>
</tr>
<tr>
<td>Various fizzy drinks</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>02.1 Alcoholic Beverages (Off Sales)</th>
</tr>
</thead>
<tbody>
<tr>
<td>02.1.1 Spirits</td>
</tr>
<tr>
<td>Whisky</td>
</tr>
<tr>
<td>Brandy</td>
</tr>
<tr>
<td>Gin</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>02.1.2 Wine</th>
</tr>
</thead>
<tbody>
<tr>
<td>White wine</td>
</tr>
<tr>
<td>Rose wine</td>
</tr>
<tr>
<td>Sparkling wine</td>
</tr>
<tr>
<td>Bottled flavoured cider</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>02.1.3 Beer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canned lager</td>
</tr>
<tr>
<td>Bottled lager</td>
</tr>
<tr>
<td>Bottled speciality beer/ale</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>02.2 Tobacco</th>
</tr>
</thead>
<tbody>
<tr>
<td>Selected brand cigarettes</td>
</tr>
<tr>
<td>Cigars</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>01.2 Non-Alcoholic Beverages</th>
</tr>
</thead>
<tbody>
<tr>
<td>01.2.2 Mineral Waters, Soft Drinks and Juices</td>
</tr>
<tr>
<td>Squashes</td>
</tr>
<tr>
<td>Fruit smoothie</td>
</tr>
<tr>
<td>Flavoured water</td>
</tr>
<tr>
<td>Cola</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>02.2 Tobacco</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hand rolling tobacco</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>02.2 Tobacco</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic cigarette refills/liquid</td>
</tr>
</tbody>
</table>
03.1 Clothing

03.1.2 Garments

Men’s Clothing
- Suit
- Trousers - formal, casual
- Jumper
- Various shirts
- Tracksuit bottoms
- Shorts
- Underwear
- Man’s base layer top

Women’s Clothing
- Blouse
- Dress
- Jeans
- Tops
- Cardigan
- Coat
- Rainwear
- Swimwear
- Underwear
- Nightwear

Children’s Clothing
- Schoolwear - trousers, skirt
- Jumper/sweatshirt
- Jeans
- Girl’s leggings
- Underwear
- Pyjamas

03.1.3 Other Clothing and Clothing Accessories
- Man’s tie
- Lady’s scarf
- Hat/Cap
- Knitting wool
- Cycle helmet

03.1.4 Cleaning, Repair and Hire of Clothing
- Dry-cleaning
- Men’s clothing hire

03.2 Footwear including Repairs
- Shoes - formal, school, casual and fashion
- Boots - formal, fashion and walking/hiking boot
- Training shoes
- Sandals
04.1 Actual Rentals for Housing
  Private furnished and unfurnished rent  Local authority rent
  Registered social landlord (RSL) rent  UK holiday accommodation (self-catered)

04.2 Owner Occupiers’ Housing Costs (only in CPIH)
  Imputed rent in England, Scotland, Northern Ireland and Wales

04.3 Regular Maintenance and Repair of the Dwelling
  04.3.1 Materials for Maintenance and Repair
    Ready mixed filler  Wallpaper
    Varnish  Paint - gloss/emulsion
    Ceramic tiles  Shower head
    Medium density fibreboard (MDF)  Softwood
    Paint brush

  04.3.2 Services for Maintenance and Repair
    Fees charged by plumbers, electricians, carpenters and decorators

04.4 Water Supply and Miscellaneous Services for the Dwelling
  04.4.1 Water Supply
    Average water charges

  04.4.3 Sewerage Collection
    Average sewerage and environmental charges

04.5 Electricity, Gas and Other Fuels
  04.5.1 Electricity
    Average of the electricity companies’ tariffs

  04.5.2 Gas
    Average of the gas companies’ tariffs  Butane gas

  04.5.3 Liquid Fuels
    Kerosene

  04.5.4 Solid Fuels
    Coal  Smokeless fuel

04.9 Council Tax and Rates (only in CPIH)
  Average council tax bills for households in Great Britain
  Average rates bills for households in Northern Ireland
05.1 Furniture, Furnishings and Carpets
  05.1.1 Furniture and Furnishings
    Dining furniture - eg table, chairs
    Bedroom furniture - eg wardrobe, beds, chest of drawers
    Living room furniture - eg armchair, sofa bed, settees, bookcase, table lamp
    Kitchen furniture - various kitchen units
    Office furniture - home office desk
    Outdoor furniture - patio set
    Baby/children's furniture - high chair

  05.1.2 Carpets and Other Floor Coverings
    Selected carpets
    Laminate floor covering
    Rug

05.2 Household Textiles
  Curtains
  Fabric roller blind
  Duvet
  Duvet cover
  Bed sheet
  Towels

05.3 Household Appliances, Fitting and Repairs
  05.3.1/2 Major Appliances and Small Electric Appliances
    Electric cooker
    Gas cooker
    Fridge/freezer
    Dishwasher
    Vacuum cleaner
    Washing machine
    Gas Fire
    Selected small appliances - eg iron, kettle, heater, electric fan

  05.3.3 Repair of Household Appliances
    Electrical service charges
    Washing machine repair

05.4 Glassware, Tableware and Household Utensils
  Kitchen equipment - pans, scissors, plastic food container, bakeware
  Tableware – dinner plate, cutlery set
  Glassware - tumbler
  Flower vase

05.5 Tools and Equipment for House and Garden
  Battery
  Light bulb
  Lawnmower
  Garden spade
  Power drill
  Screwdriver
  Door handle
  Hire of domestic carpet shampoo/cleaner
05.6 Goods and Services for Routine Household Maintenance

05.6.1 Non-Durable Household Goods

- Washing liquid/gel
- Washing-up liquid
- Kitchen roll
- Household cleaner cream/liquid
- Bin liners
- Woodscrews
- Fabric conditioner
- Dishwasher tablets
- Aluminium foil
- Bleach
- Clear sticky tape

05.6.2 Domestic Services and Household Services

- Domestic cleaner fees
- Window cleaning fees
- Nanny fees

06.1 Medical Products, Appliances and Equipment

06.1.1 Pharmaceutical Products

- NHS prescription charges
- Multi-vitamins tablets
- Selected medicines - indigestion tablets, pain killers, cold/flu drink powders, allergy tablets, cough liquid

06.1.2/3 Other Medical and Therapeutic Products

- Condoms
- Plasters
- Spectacle frames with lens
- Contact lenses

06.2 Out-Patient Services

06.2.1/3 Medical Services and Paramedical Services

- Non NHS medical services - physiotherapy, chiropractic medicine

06.2.2 Dental Services

- NHS dental charges
- Private dental examination

06.3 Hospital Services

- Hospital charges, including private surgery fees
- Nursing home fees

07.1 Purchase of Vehicles

07.1.1A New Cars

- New cars

07.1.1B Second-Hand Cars

- Second-hand cars

07.1.2/3 Motorcycles and Bicycles

- Motorcycles
- Bicycles
07.2 Operation of Personal Transport Equipment

07.2.1 Spare Parts and Accessories
Selected spare parts and accessories - eg wiper blade, battery, tyres, bulbs

07.2.2 Fuels and Lubricants
Ultra low sulphur petrol
Ultra low sulphur diesel
Motor oil

07.2.3 Maintenance and Repairs
Car service
Labour charge for vehicle repairs
Exhaust fitting in fast fit auto centre
Wheel alignment in fast fit auto centre
Roadside recovery services
Car wash

07.2.4 Other Services
MOT test fees
Vehicle excise duty
Driving lesson fees
Driving test fees
Road tolls
Car park charges
Self-drive car and van hire charges

07.3 Transport Services

07.3.1 Passenger Transport by Railway
UK rail fares
London transport fares
Euro Tunnel fares
Other underground/metro fares

07.3.2 Passenger Transport by Road
Bus fares
Minicab fares
Coach fares
Taxi fares
Charge for home removals
Self-storage fees

07.3.3 Passenger Transport by Air
Air fares

07.3.4 Passenger Transport by Sea and Inland Waterway
Various ferry and sea fares

08.1 Postal Services
Postal charges

08.2/3 Telephone and Telefax Equipment and Services
Telephone
Smartphone handset
Fixed line telephone charges
Mobile phone charges
Cost of directory enquiries
Mobile phone applications
Subscription to the internet  Mobile phone accessory
Bundled communication services

09.1 Audio-Visual Equipment and Related Products
09.1.1 Equipment for the Reception and Reproduction of Sound and Pictures
Flat panel televisions  DVD player
Blu-ray disc player  Digital media player
Digital (DAB) radio  Portable speakers
Personal MP4 player  Headphones

09.1.2 Photographic, Cinematographic and Optical Equipment
Digital compact camera  Interchangeable lens digital camera
Action camera

09.1.3 Data Processing Equipment
PCs - desktop and laptop  PC peripherals
Tablet computer  Computer software
Smart speaker

09.1.4 Recording Media
CDs, including CDs purchased over the internet
Pre-recorded DVDs, including DVDs purchased over the internet
Pre-recorded Blu-ray discs, including discs purchased over the internet
Recordable CD  Music downloads
Portable digital storage device

09.1.5 Repair of Audio-Visual Equipment and Related Products
Electrical equipment repair charges - eg PC

09.2 Other Major Durables for Recreation and Culture
09.2.1/2 Major Durables for In/Outdoor Recreation
Caravans  Boats
Acoustic guitar  Livery charges
Water sports equipment - eg windsurfing equipment

09.3 Other Recreational Items, Gardens and Pets
09.3.1 Games, Toys and Hobbies
Various toys - soft toys, construction toys, model cars, activity toys, dolls, electronic educational toys
Child’s scooter  Child’s sit and ride toy
Board game  Craft kit
Jigsaw  Computer games console
Computer games, including games purchased over the internet
Computer game downloads

09.3.2 Equipment for Sport and Open-Air Recreation
Sports equipment - golf balls, squash racquet, football, fishing rod, football boots
Sleeping bag
Barbecue

09.3.3 Gardens, Plants and Flowers
Selected varieties of plants, cut flowers, seeds and including flowers purchased over the internet
Compost
Plant food
Flower delivery

09.3.4/5 Pets, Related Products and Services
Cat and dog food, and dog treats
Wild bird seed
Small pet - eg hamster
Animal cage
Dog kennel boarding fees
Annual booster injection

09.4 Recreational and Cultural Services

09.4.1 Recreational and Sporting Services
Fees for leisure evening classes
Private health club/gym membership
Charges for exercise classes
Swimming pool admissions
Ten-pin bowling session
Golf green fees
Football match admissions
Horseracing admissions
Admission to other attractions
Games consoles online subscriptions
Soft play session

09.4.2 Cultural Services
DVD rental/video on demand subscription services
Digital television subscriptions
Rental of various types of television
Television licence
Digital photo processing
Music streaming subscriptions
Admission to cinemas, theatres, live music, historic monuments and other cultural events

09.5 Books, Newspapers and Stationery

09.5.1 Books
Adult, teenage and children’s fiction and non-fiction paperback and hardback books
Reference books
eBooks

09.5.2 Newspapers and Periodicals
National daily newspapers
Sunday newspapers
Provincial newspapers
Periodicals

09.5.3/4 Miscellaneous Printed Matter, Stationery, Drawing Materials
Ballpoint pen
Wrapping paper
Greeting card  Printer paper
Inkjet cartridge

09.6 Package Holidays
Package holidays covering a range of foreign destinations, accommodation and holiday types, including late-booked holidays
UK holidays covering a range of accommodation/holiday types but excluding self-catering

10.0 Education
Private school fees  Evening classes
International student fees  UK university tuition fees

11.1 Catering Services
11.1.1 Restaurants and Cafes
Restaurants
Restaurant main course  Restaurant sweet course
Restaurant cup of coffee  Pub hot meal
Burger in bun - eat in  In store cafeteria meal
Muffin
Take-Aways and Snacks
Fish and chips  Cooked pastry based savoury snack
Burger in bun  Kebab
Chicken and chips  Ethnic take-away
Pizza delivery/take-away  Sandwich
Cinema popcorn  Crisps
Tea  Coffee latte
Soft drink  Vending machine soft drink
Beer On Sales
Draught bitter  Draught lager
Draught stout  Draught/bottled cider
Bottled lager
Wines and Spirits On Sales
Whisky  Vodka
Wine  Spirit based drink
Liqueurs  Mixer
Soft Drinks
Fizzy drinks  Fruit juice
Bottled mineral water
Catering
Cost of catering for a function  On board catering

11.1.2 Canteens
Staff restaurant main course  Staff restaurant sandwich
11.2 Accommodation Services

Youth Hostel Association
Other accommodation services

12.1 Personal Care

12.1.1 Hairdressing and Personal Grooming Establishments

Hairdressing fees
Slimming club fees

12.1.2/3 Appliances and Products for Personal Care

Electrical hair straighteners/tongs
Electric toothbrush
Toilet roll
Disposable nappies
Tampons
Various cosmetics - face cream, perfume, mascara, liquid foundation, lip gloss, nail varnish, body moisturising lotion
Toiletries - toothpaste, deodorant, shower gel, shampoo, hair gel, permanent hair colourant, hair conditioner, razor cartridge blades, sunscreen cream/lotion, liquid soap

12.3 Personal Effects (not elsewhere covered)

12.3.1 Jewellery, Clocks and Watches

Watch
Various items of personal jewellery - gold chain, solid gold ring, diamond solitaire ring, sterling silver earrings, fashion earrings, fashion necklace

12.3.2 Other Personal Effects

Umbrella
Luggage - trolley case
Push chair

12.4 Social Protection

Residential home fees
Local authority supported residents in retirement homes
Childminder fees
Playgroup fees

12.5 Insurance

12.5.2 House Contents Insurance

Home contents insurance premiums

Staff restaurant hot snack
School meals

Halls of residence

Basic manicure

Electric razor
Toothbrush
Tissues
Baby wipes

Watch battery replacement

Sterling silver earrings, fashion earrings, fashion necklace

Handbag

Picture/photo frame

Nursery fees

Household services maintenance policy
12.5.3 Health Insurance
   Dental insurance
   Pet insurance
   Subscriptions to private medical plans

12.5.4 Transport Insurance
   Vehicle insurance
   Holiday insurance

12.6 Financial Services (not elsewhere covered)
   12.6.2 Other Financial Services (not elsewhere covered)
   Mortgage arrangement fees
   Various bank charges - eg overdraft fees
   Money transfer fees
   Credit card fees
   Unit trust fees and commissions
   Stockbrokers’ fees

12.7 Other Services (not elsewhere covered)
   Charges for advertisements in newspapers
   Solicitors’ fees - including will drafting fee
   Fee for birth and death certificates
   Marriage licences
   Passport fees
   Cost of basic funeral/cremation
   Home delivery charges
   Dating agency fees
   Surveyors’ fee for house valuation
   Trade union and professional organization subscriptions
### Annex B: Retail Prices Index (RPI): representative items in 2019

<table>
<thead>
<tr>
<th>Food</th>
<th>Large white loaves - sliced and unsliced</th>
<th>Large wholemeal loaf</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Bread rolls</td>
<td>Garlic bread</td>
</tr>
<tr>
<td>Cereals</td>
<td>Flour</td>
<td>Rice</td>
</tr>
<tr>
<td></td>
<td>Pasta</td>
<td>Popcorn</td>
</tr>
<tr>
<td></td>
<td>Corn based snacks</td>
<td>Cereal bars</td>
</tr>
<tr>
<td></td>
<td>Breakfast cereals</td>
<td>Hot oat cereal</td>
</tr>
<tr>
<td>Biscuits and Cakes</td>
<td>Various selected biscuits</td>
<td>Doughnuts</td>
</tr>
<tr>
<td></td>
<td>Sponge cakes</td>
<td>Pack of individual cakes</td>
</tr>
<tr>
<td></td>
<td>Fruit pies</td>
<td>Crackers</td>
</tr>
<tr>
<td>Beef</td>
<td>Rump steak</td>
<td>Topside</td>
</tr>
<tr>
<td></td>
<td>Mince</td>
<td>Frozen beefburgers</td>
</tr>
<tr>
<td>Home-Killed Lamb</td>
<td>Loin chops</td>
<td>Shoulder</td>
</tr>
<tr>
<td>Imported Lamb</td>
<td>Leg</td>
<td></td>
</tr>
<tr>
<td>Pork</td>
<td>Loin chops</td>
<td></td>
</tr>
<tr>
<td>Bacon</td>
<td>Gammon</td>
<td>Back</td>
</tr>
<tr>
<td>Poultry</td>
<td>Fresh/chilled whole chicken</td>
<td>Fresh chicken breasts</td>
</tr>
<tr>
<td></td>
<td>Frozen chicken breasts</td>
<td>Fresh turkey steaks</td>
</tr>
<tr>
<td></td>
<td>Rotisserie cooked hot whole chicken</td>
<td></td>
</tr>
<tr>
<td>Other Meat</td>
<td>Pork sausages</td>
<td>Cooked meats - eg ham</td>
</tr>
</tbody>
</table>
**Consumer Price Inflation: The 2019 Basket of Goods and Services**

<table>
<thead>
<tr>
<th>Meat products</th>
<th>Other goods and ingredients</th>
</tr>
</thead>
<tbody>
<tr>
<td>Meat pies</td>
<td>Canned meats</td>
</tr>
<tr>
<td>Frozen chicken nuggets</td>
<td>Chicken kievs</td>
</tr>
<tr>
<td>Oven-ready joint</td>
<td>Continental deli type meat</td>
</tr>
<tr>
<td>Liver</td>
<td>Meat based snacks</td>
</tr>
</tbody>
</table>

**Fresh Fish**

<table>
<thead>
<tr>
<th>Fresh fish</th>
<th>Other fish</th>
</tr>
</thead>
<tbody>
<tr>
<td>White fish fillets</td>
<td>Salmon fillets</td>
</tr>
<tr>
<td>Frozen prawns</td>
<td></td>
</tr>
</tbody>
</table>

**Processed Fish**

<table>
<thead>
<tr>
<th>Processed fish</th>
<th>Other fish</th>
</tr>
</thead>
<tbody>
<tr>
<td>Canned tuna</td>
<td>Fish fingers</td>
</tr>
<tr>
<td>Frozen breaded/battered white fish</td>
<td></td>
</tr>
</tbody>
</table>

**Butter**

<table>
<thead>
<tr>
<th>Butter type</th>
<th>Other butter type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Block butter</td>
<td>Spreadable butter</td>
</tr>
</tbody>
</table>

**Oils and Fats**

<table>
<thead>
<tr>
<th>Oils and fats</th>
<th>Other oils and fats</th>
</tr>
</thead>
<tbody>
<tr>
<td>Margarine/low fat spread</td>
<td>Olive oil</td>
</tr>
<tr>
<td>Peanut Butter</td>
<td></td>
</tr>
</tbody>
</table>

**Cheese**

<table>
<thead>
<tr>
<th>Cheese type</th>
<th>Other cheese types</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cheddar - home-produced</td>
<td>Other regional cheeses</td>
</tr>
<tr>
<td>Soft continental cheese</td>
<td>Parmesan</td>
</tr>
<tr>
<td>Cheese spread</td>
<td></td>
</tr>
</tbody>
</table>

**Eggs**

<table>
<thead>
<tr>
<th>Egg size</th>
<th>Other egg products</th>
</tr>
</thead>
<tbody>
<tr>
<td>Various sized eggs</td>
<td></td>
</tr>
</tbody>
</table>

**Milk**

<table>
<thead>
<tr>
<th>Milk type</th>
<th>Other milk products</th>
</tr>
</thead>
<tbody>
<tr>
<td>Full-fat and semi-skimmed milk - shop-bought and delivered</td>
<td>Non-dairy milk drink</td>
</tr>
<tr>
<td>Flavoured milk</td>
<td></td>
</tr>
</tbody>
</table>

**Milk Products**

<table>
<thead>
<tr>
<th>Milk product</th>
<th>Other milk products</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fresh cream</td>
<td>Yoghurt</td>
</tr>
<tr>
<td>Chilled pot dessert</td>
<td>Fromage frais</td>
</tr>
<tr>
<td>Powdered baby formula</td>
<td></td>
</tr>
</tbody>
</table>

**Tea**

<table>
<thead>
<tr>
<th>Tea type</th>
<th>Other tea products</th>
</tr>
</thead>
<tbody>
<tr>
<td>Tea bags</td>
<td>Flavoured tea</td>
</tr>
<tr>
<td>Category</td>
<td>Items</td>
</tr>
<tr>
<td>------------------------</td>
<td>----------------------------------------------------------------------</td>
</tr>
<tr>
<td>Coffee and Other Hot Drinks</td>
<td>Ground coffee, Instant coffee, Coffee pods, Hot chocolate drink</td>
</tr>
<tr>
<td>Soft Drinks</td>
<td>Various pure fruit juices, Squashes, Fruit drink, Fruit smoothie, Mineral water, Flavoured water, Lemonade, Flavoured water, Various fizzy drinks, Mixer drinks</td>
</tr>
<tr>
<td>Sugar and Preserves</td>
<td>Sugar, Jam, Honey</td>
</tr>
<tr>
<td>Sweets and Chocolates</td>
<td>Various selected popular brands of sweets, chocolates, gum and mints</td>
</tr>
<tr>
<td>Unprocessed Potatoes</td>
<td>Loose and pre-packed potatoes - old, new and baking varieties</td>
</tr>
<tr>
<td>Potato Products</td>
<td>Crisps - single and multi-packs, Prepared mashed potato, Frozen chips</td>
</tr>
<tr>
<td>Fresh Vegetables</td>
<td>Fresh tomatoes, Cabbage, Cauliflower, Carrots, Mushrooms, Onions, Lettuce, Cucumbers, Courgettes, Sweet potatoes, Broccoli, Peppers, Pre-packed salad, Vegetable stir fry</td>
</tr>
<tr>
<td>Processed Vegetables</td>
<td>Canned tomatoes, Canned baked beans, Canned sweetcorn, Frozen peas</td>
</tr>
<tr>
<td>Fresh Fruit</td>
<td>Cooking apples, Dessert apples</td>
</tr>
</tbody>
</table>
### Consumer Price Inflation: The 2019 Basket of Goods and Services

<table>
<thead>
<tr>
<th>Fruits</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Pears</td>
<td>Bananas</td>
</tr>
<tr>
<td>Strawberries</td>
<td>Grapes</td>
</tr>
<tr>
<td>Oranges</td>
<td>Small oranges</td>
</tr>
<tr>
<td>Avocado pears</td>
<td>Plums</td>
</tr>
<tr>
<td>Kiwi fruit</td>
<td>Grapefruit</td>
</tr>
<tr>
<td>Melon</td>
<td>Blueberries</td>
</tr>
<tr>
<td>Pineapple</td>
<td>Raspberries</td>
</tr>
<tr>
<td>Lemon</td>
<td>Fresh fruit snacking pot</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Processed Fruit</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Canned fruit</td>
<td>Salted/roasted peanuts</td>
</tr>
<tr>
<td>Dried fruit</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Other Foods</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Soup</td>
<td>Ready cooked meals</td>
</tr>
<tr>
<td>Various sauces - eg tomato ketchup, mayonnaise, pickle</td>
<td></td>
</tr>
<tr>
<td>Other convenience foods - eg chilled pizzas, dehydrated noodles/pasta</td>
<td></td>
</tr>
<tr>
<td>Quiche</td>
<td>Vegetarian burger/grills</td>
</tr>
<tr>
<td>Protein powder</td>
<td>Ice cream</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Catering</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Restaurant Meals</td>
<td></td>
</tr>
<tr>
<td>Restaurant main course</td>
<td>Restaurant sweet course</td>
</tr>
<tr>
<td>Restaurant cup of coffee</td>
<td>Pub hot meal</td>
</tr>
<tr>
<td>In store cafeteria meal</td>
<td>Burger in bun – eat in</td>
</tr>
<tr>
<td>Fruit juice</td>
<td>Fizzy drinks</td>
</tr>
<tr>
<td>Bottled mineral water</td>
<td>On board catering</td>
</tr>
<tr>
<td>Muffin</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Canteen Meals</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Staff restaurant main course</td>
<td>Staff restaurant sandwich</td>
</tr>
<tr>
<td>Staff restaurant hot snack</td>
<td>School meals</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Take-Aways and Snacks</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Fish and chips</td>
<td>Cooked pastry based savoury snack</td>
</tr>
<tr>
<td>Burger in bun</td>
<td>Kebab</td>
</tr>
<tr>
<td>Chicken and chips</td>
<td>Ethnic take-away</td>
</tr>
<tr>
<td>Pizza delivery/take-away</td>
<td>Sandwich</td>
</tr>
<tr>
<td>Cinema popcorn</td>
<td>Crisps</td>
</tr>
<tr>
<td>Tea</td>
<td>Coffee latte</td>
</tr>
<tr>
<td>Soft drink</td>
<td>Vending machine soft drink</td>
</tr>
</tbody>
</table>
### Alcoholic Drink

**Beer On Sales**
- Draught bitter
- Draught stout
- Bottled lager

**Beer Off Sales**
- Canned lager
- Bottled lager
- Bottled flavoured cider
- Bottled speciality beer/ale

**Wines and Spirits On Sales**
- Whisky
- Wine
- Liqueurs

**Wines and Spirits Off Sales**
- Whisky
- Brandy
- Gin
- White wine
- Rose wine
- Sparkling wine

### Tobacco

**Cigarettes**
- Selected brands

**Other Tobacco**
- Cigars

### Housing

**Rent**
- Private furnished and unfurnished rent
- Registered Social Landlord (RSL) rent

**Mortgage Interest Payments**
- Average interest payments (estimated/modelled)
Depreciation
Depreciation costs proxy (smoothed house price index)

Council Tax and Rates
Average council tax bills for households in Great Britain
Average rates bills in Northern Ireland

Water and Other Charges
Average water charges
Average sewerage and environmental charges

Repairs and Maintenance Charges
Fees charged by plumbers, electricians, carpenters and decorators

Do-It-Yourself Materials
Ready mixed filler
Varnish
Paint brush
Power drill
Ceramic tiles
Softwood
Door handle
Wallpaper
Paint - gloss/emulsion
Woodscrews
Screwdriver
Shower head
Medium density fibreboard (MDF)
Hire of domestic carpet shampoo/cleaner

Dwelling Insurance and Ground Rent
Dwelling insurance premiums
Ground rent proxy (smoothed house price index)

Fuel and Light
Coal and Solid Fuels
Coal
Smokeless fuel

Electricity
Average of the electricity companies’ tariffs

Gas
Average of the gas companies' tariffs

Oil and Other Fuels
Butane gas
Kerosene
Household Goods

Furniture
- Dining furniture - e.g. table, chairs
- Bedroom furniture - e.g. wardrobe, beds, chest of drawers
- Living room furniture - e.g. armchair, sofa bed, settees, bookcase, table lamp
- Kitchen furniture - various kitchen units
- Office furniture - home office desk
- Outdoor furniture - patio set
- Baby/children's furniture - high chair

Furnishings
- Selected carpets
- Laminate floor covering
- Curtains
- Duvet cover
- Towels
- Rug
- Fabric roller blind
- Duvet
- Bed sheet

Electrical Appliances
- Electric cooker
- Fridge/freezer
- Vacuum cleaner
- Smartphone handset
- Selected small appliances - e.g. iron, kettle, heater, electric fan
- Personal appliances - e.g. electric razor, electric hair straighteners/tongs, electric toothbrush
- Washing machine
- Dishwasher
- Telephone

Other Household Equipment
- Gas cooker
- Gas fire
- Kitchen equipment - pans, scissors, plastic food container, bakeware
- Tableware - dinner plate, cutlery set
- Glassware - tumbler

Household Consumables
- Washing Liquid/Gel
- Washing-up liquid
- Kitchen roll
- Toilet roll
- Household cleaner cream/liquid
- Light bulb
- Ballpoint pen
- Greeting card
- Inkjet cartridge
- Fabric conditioner
- Dishwasher tablets
- Aluminium foil
- Bin liners
- Bleach
- Battery
- Wrapping paper
- Printer paper
- Clear sticky tape
Pet Care
- Cat and dog food, and dog treats
- Small pet - eg hamster
- Dog kennel boarding fees
- Wild bird seed
- Animal cage
- Annual booster injection

Household Services
Postage
- Postal charges

Telephone Charges
- Fixed line telephone charges
- Cost of directory enquiries
- Subscription to the internet
- Mobile phone charges
- Mobile phone applications
- Bundled communication services

Domestic Services
- Domestic cleaner fees
- Childminder fees
- Playgroup fees
- Dry-cleaning charges
- Home delivery charges
- Self-storage fees
- Various electrical equipment repair charges - eg washing machine, PC
- In home care assistants’ fees
- Nanny fees
- Window cleaning fees
- Driving lesson fees
- Charge for home removals
- Electrical service charges
- Watch battery replacement

Fees and Subscriptions
- Trade union and professional organisation subscriptions
- Estate agents’ fees
- House conveyancing fees
- Home contents insurance premiums
- Fee for birth and death certificates
- Passport fees
- Money transfer fees
- Private school fees
- Evening classes
- Dating agency fees
- Driving test fees
- Mortgage arrangement fees
- Charge for advertisements in newspapers
- Charge for home buyers’ survey
- Surveyors’ fee for house valuation
- Pet insurance
- Marriage licences
- Various bank charges - eg overdraft fees
- Credit card fees
- UK university tuition fees
- Solicitors’ fees - including will drafting
- Cost of basic funeral/cremation
- Nursery fees
- Household services maintenance policy
## Clothing and Footwear

### Men’s Outerwear
- Suit
- Trousers - formal, casual
- Jumper
- Various shirts
- Tracksuit bottoms
- Shorts

### Coat
- Casual jacket
- Jeans
- T shirts
- Branded sports sweatshirt
- Replica football team shirt

### Women’s Outerwear
- Blouse
- Dress
- Jeans
- Tops
- Cardigan
- Coat
- Rainwear
- Swimwear

### Skirt - formal, casual
- Trousers - formal, casual
- Leggings
- T shirt
- Jumper
- Shorts
- Exercise leggings

### Children’s Outerwear
- Schoolwear - trousers, skirt
- Jumper/sweatshirt
- Jeans
- Girl’s leggings
- Babygro/sleepsuit

### Fashion top
- T shirt
- Trousers
- Jacket

### Other Clothing
- Underwear - eg pants and bra
- Tights
- Nightwear - eg nightdress/pyjamas
- Man’s tie
- Hat/cap

### Man’s base layer top
- Socks
- Knitting wool
- Lady’s scarf

### Footwear
- Shoes - formal, school, casual and fashion
- Boots - formal, fashion and walking/hiking boot
- Training shoes

### Sandals

### Personal Goods and Services

### Personal Articles
- Umbrella
- Handbag
### Consumer Price Inflation: The 2019 Basket of Goods and Services

<table>
<thead>
<tr>
<th>Watch</th>
<th>Spectacle frames with lens</th>
</tr>
</thead>
<tbody>
<tr>
<td>Contact lenses</td>
<td>Luggage - trolley case</td>
</tr>
<tr>
<td>Flower vase</td>
<td>Picture/photo frame</td>
</tr>
<tr>
<td>Wall hanging mirror</td>
<td>Mobile phone accessory</td>
</tr>
<tr>
<td>Various items of personal jewellery - gold chain, solid gold ring, diamond solitaire ring, sterling silver earrings, fashion earrings, fashion necklace</td>
<td></td>
</tr>
</tbody>
</table>

#### Chemists’ Goods
- NHS prescription charges
- Condoms
- Disposable nappies
- Baby wipes
- Selected medicines and surgical goods - indigestion tablets, pain killers, cold/flu drink powders, plasters, allergy tablets, cough liquid
- Toiletries - toothpaste, deodorant, shower gel, shampoo, hair gel, permanent hair colourant, hair conditioner, razor cartridge blades, sunscreen cream/lotion, liquid soap
- Various cosmetics - face cream, perfume, mascara, liquid foundation, lip gloss, nail varnish, body moisturising lotion

#### Personal Services
- Hairdressing charges
- Subscriptions to private medical plans
- Private dental examination
- Dental insurance
- Non NHS medical services - physiotherapy, chiropractic medicine
- Slimming club fees

#### Motoring Expenditure

##### Purchase of Motor Vehicles
- New cars
- Motorcycles
- Second-hand cars
- Caravans

##### Maintenance of Motor Vehicles
- Car service
- Exhaust fitting in fast fit auto centre
- Roadside recovery services
- MOT test fees
- Labour charge for vehicle repairs
- Wheel alignment in fast fit auto centre
- Car wash
- Selected spare parts and accessories - eg wiper blade, battery, tyres, bulbs

##### Petrol and Oil
- Ultra low sulphur petrol
- Ultra low sulphur diesel
- Motor oil
Vehicle Tax and Insurance
  Vehicle excise duty
  Vehicle insurance

Fares and Other Travel Costs
  Rail Fares
    UK rail fares
    Euro Tunnel fares
    London transport fares
    Other underground/metro fares
  Bus and Coach Fares
    Bus fares
    Coach fares

Other Travel Costs
  Taxi fares
  Self-drive car and van hire charges
  Other means of transport - eg bicycles, boats
  Cycle helmet
  Air fares
  Minicab fares
  Road tolls
  Car park charges
  Push chair
  Various ferry and sea fares

Leisure Goods
  Audio-Visual Equipment
    Flat panel televisions
    Blu-ray disc player
    Digital (DAB) radio
    Personal MP4 player
    PCs - desktop and laptop
    Tablet computer
    DVD player
    Digital media player
    Portable speakers
    Headphones
    PC peripherals
    Smart speaker

CDs and Tapes
  CDs, including CDs purchased over the internet
  Pre-recorded DVDs, including DVDs purchased over the internet
  Pre-recorded Blu-ray discs, including discs purchased over the internet
  Recordable CD
  Music downloads
  Computer software

Toys, Photographic and Sports Goods
  Various toys - soft toys, construction toys, model cars, activity toys, dolls, electronic educational toys
  Board game
  Child’s sit and ride toy
  Child’s scooter
  Computer games, including games purchased over the internet
### Consumer Price Inflation: The 2019 Basket of Goods and Services

- **Computer game downloads**
- **Digital compact camera**
- **Action camera**
- **Portable digital storage device**
- **Barbecue**
- **Craft kit**
- **Sports equipment - golf balls, squash racquet, football, fishing rod, football boots**
- **Water sports equipment - eg windsurfing equipment**

#### Books and Newspapers
- **Adult, teenage and children’s fiction and non-fiction paperback and hardback books**
- **Reference books**
- **National daily newspapers**
- **Provincial newspapers**
- **eBooks**
- **Sunday newspapers**
- **Periodicals**

#### Gardening Products
- **Compost**
- **Lawnmower**
- **Selected varieties of plants, cut flowers, seeds and including flowers purchased over the internet**
- **Plant food**
- **Garden spade**

#### Leisure Services

##### Television Licences and Rentals
- **Digital television subscriptions**
- **Television licence**
- **DVD rental/video on demand subscription services**
- **Rental of various types of television**

##### Entertainment and Other Recreation
- **Fees for leisure evening classes**
- **Private health club/gym membership**
- **Ten-pin bowling session**
- **Games consoles online subscription services**
- **Soft play session**
- **Admission to cinemas, theatres, live music, football matches, horse racing, historic monuments, swimming pools and other attractions**
- **Charges for exercise classes**
- **Livery charges**
- **Golf green fees**
- **Music streaming subscriptions**

#### Foreign Holidays
- **Package holidays covering a range of foreign destinations, accommodation and holiday types, including late-booked holidays**
- **Holiday insurance**
UK Holidays

Youth Hostel Association
UK holidays covering a range of accommodation and holiday types