Consumer price inflation basket of goods and services: 2018

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 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 2018, 15 items have been added to the Consumer Prices Index including owner occupiers’ housing costs (CPIH) basket, 14 items have been removed and 7 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 2018 are summarised in Annexes A and B, and the main changes from the 2017 price collection are discussed in this article. Similar articles have been published in previous years.

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

CPIH

The most comprehensive measure of consumer price inflation, which extends the Consumer Prices Index (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 in the government’s target for inflation.

Retail Prices Index

A legacy measure that we continue to publish because of its use in long-term contracts and index-linked gilts. In accordance with the Statistics and Registration Service Act 2007, the Retail Prices Index (RPI) 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 two other methodological changes. The first is the inclusion in CPIH and CPI of additional price quotes collected over more than one working week for items with more variable prices, namely fruit and vegetables. The second is a change to the “chain linking” procedure for CPIH and CPI and is part of the improvement made in March 2017 following the introduction of an extra level of detail. These are described in the Other changes section with links to more detailed articles on the subjects.

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 used 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.

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 that have risen relatively rapidly in price and to goods and services whose prices have fallen. For 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. 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 and weights, while price changes between January and February, and beyond, are based on the new basket and weights. This procedure ensures that the annual changes to the basket and weights 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 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 both impractical and unnecessary 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 all spending on garden tools.

These expenditure weights have historically been updated annually so that the indices reflect current spending patterns. In line with usual practice, the weights for CPIH and Consumer Prices Index (CPI) classes and higher-level aggregates were updated with effect from the January 2018 index and Retail Prices Index (RPI) section weights will be revised with effect from the February index, at which point the distribution of weights for the more detailed individual item indices within each class or section will also be revised.

However, from 2017, CPIH and CPI subclass and higher level aggregate weights have been updated additionally with the February index. This improvement is the result of an independent report, it brings the procedure into line with best practice and helps us to better meet EU regulations. Assessing the impact of methodological improvements on the Consumer Prices Index, published in 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 2018 will be published on 19 March 2018.

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.
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 \(^1\). 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 an anchor 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 1: Allocation of items to Consumer Prices Index including owner occupiers’ housing costs (CPIH) divisions in 2018

<table>
<thead>
<tr>
<th></th>
<th>CPIH weight, Jan 2018 (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</td>
<td>8.2</td>
<td>Medium</td>
<td>24</td>
</tr>
<tr>
<td>2 Alcohol and tobacco</td>
<td>3.3</td>
<td>Medium</td>
<td>4</td>
</tr>
<tr>
<td>3 Clothing and footwear</td>
<td>5.9</td>
<td>Medium</td>
<td>11</td>
</tr>
<tr>
<td>4 Housing and household services</td>
<td>30.0</td>
<td>Low</td>
<td>5</td>
</tr>
<tr>
<td>5 Furniture and household goods</td>
<td>5.0</td>
<td>Medium</td>
<td>10</td>
</tr>
<tr>
<td>6 Health</td>
<td>2.1</td>
<td>Low</td>
<td>3</td>
</tr>
<tr>
<td>7 Transport</td>
<td>12.4</td>
<td>Medium</td>
<td>6</td>
</tr>
<tr>
<td>8 Communication</td>
<td>2.0</td>
<td>Medium</td>
<td>1</td>
</tr>
<tr>
<td>9 Recreation and culture</td>
<td>12.0</td>
<td>Medium</td>
<td>17</td>
</tr>
<tr>
<td>10 Education</td>
<td>1.8</td>
<td>Medium</td>
<td>1</td>
</tr>
<tr>
<td>11 Restaurants and hotels</td>
<td>9.7</td>
<td>Low</td>
<td>7</td>
</tr>
<tr>
<td>12 Miscellaneous goods and services</td>
<td>7.6</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.

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.

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 to 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 2018.

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 2018. In total, 15 items have been added to the CPIH basket, 14 items have been removed and seven items have been modified in a total of 714 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 2018 CPI weights, this is over £900 million.
5. Changes to the baskets in 2018

Changes to the baskets of goods and services this year are being introduced with the February 2018 consumer price inflation statistics published on 20 March 2018. The baskets will be updated again around the same time next year.

Additions

New additions to the baskets in 2018 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 2018 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. All of the changes made this year affect all of the consumer price indices.

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, an action camera has been added to reflect a specific sector within the wider camera market. Similarly, a high chair has been introduced to represent nursery furniture, which has not been covered in the baskets since the removal of a cot in 1999. This item also improves the coverage of a Consumer Prices Index including owner occupiers’ housing costs (CPIH) and Consumer Prices Index (CPI) subclass, other furniture and furnishings, which was previously represented only by a mirror. Subclasses such as this are an additional level of detail first introduced in March 2017. They sit between the class level (for example, furniture and furnishings) and individual items (for example, mirrors).

As in previous years, developments in technology influence the basket update. This year, in addition to the action camera, a digital media player (for example, Apple TV or Amazon Fire TV) has been introduced. This type of equipment has not previously been covered and it replaces a digital television recorder and/or receiver.

In addition to introducing items to represent distinct sectors or markets, a number of items have been introduced to diversify the range of products collected for established groupings, usually where spending is significant. For example, prepared, chilled mashed potato has been added to represent prepared potato products alongside an existing frozen chips item, reflecting the increasing shelf-space devoted to these and prepared vegetables more generally. Quiche has been introduced to improve coverage of the pizza and quiche subclass within bread and cereals. Previously, only pizzas were included from this subclass and their prices have tended to be reasonably volatile so the inclusion of quiche should help interpretation of the figures. Finally, body moisturising lotion has been added to further represent the body care market, distinct from facial moisturiser, which is already included in the baskets.

Analysis of the broad balance of the existing sample of representative items across CPIH and CPI highlighted a need to improve coverage of price changes for a number of classes. These areas include:

- recreational and sporting services (9.4.1), where a soft play session for children has been added to improve coverage of children’s activities in particular
- garments (3.1.2), particularly womenswear, with women’s exercise leggings improving coverage of recreational and sports clothing

In each of these cases, the item has been added principally as part of the rebalancing of the baskets to improve their representation of overall price change, with increased spending or product history only a secondary consideration used in selecting the specific product.
This aim of rebalancing the basket can also apply within specific categories and this year, raspberries have replaced peaches and nectarines in the fruit class to improve coverage of soft fruits with an offsetting reduction in the number of stoned fruits. This change will reduce the weight of other soft fruits such as strawberries and should improve the overall estimate of fruit price movements.

In other cases, the new items are direct replacements for similar products that leave the baskets in 2018. For example, a child’s sit and ride toy replaces a tricycle, whose prices have become increasingly difficult to collect reflecting a fall in its availability across a range of shops. For similar reasons, three television items that were categorised by screen-size in the 2017 basket have been replaced by two this year. The new items better reflect size in the current market and should reduce the price collection difficulties experienced with the smallest screen, which increasingly was unavailable in shops.

A further example of a direct replacement is a cooked pastry-based savoury snack, introduced in place of a pasty and pie with the aim of widening collection across a range of takeaway outlets, and not just traditional fish and chip shops. It means that the basket will in future include products such as slices and bakes in addition to traditional pasties and pies. This year, there have also been some changes to the branded products in the chocolate section. The changes reflect market share and an attempt to widen coverage across manufacturers and types of chocolate.

In addition to reviewing the specific items in the basket, the annual update considers the types of shops where prices are collected. Previously, prices for sweet potatoes and blueberries were collected only in supermarkets but the availability of these products in smaller outlets has increased so that prices will now be collected from independents and smaller multiples in addition to the major supermarket chains.

The classification of two items to the different groups in the CPIH and CPI baskets has also changed this year: corn snacks and monthly self-storage fees. Taking corn snacks as an example, this item has moved from the bread and cereals class to the crisps subclass within vegetables, in line with the international classification system used in CPIH and CPI.

### 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 2018 to make space for the new additions. In some cases, this reflects low or decreasing expenditure, such as on lager bought in nightclubs, with the fall in the number of nightclubs, and on camcorders, where the number of models available and market share have fallen as people have switched to using smartphones. In other cases, removal does not necessarily imply that the markets for these goods and services are very small or are declining significantly.

Some items have been removed to make way for new additions to the baskets within the same product grouping. For example, peaches and nectarines have been replaced by raspberries with the aim of improving the measurement of fruit prices overall. As already mentioned, the change rebalances the fruit items from stoned fruits – which continue to be represented by plums and avocados – to soft fruits. The peaches and nectarines item was chosen for removal because its availability varies so much across the seasons that prices were only collected for eight months of the year. It was one of the small number of items in the baskets collected on a seasonal basis.

In some cases a product will remain represented in the baskets even if there is no longer an explicit item. For example, a pasty or savoury pie item has been removed but some prices will continue to be collected as part of a more widely-defined cooked pastry-based savoury snack. The latter aims to capture prices from a wider selection of shops, not just traditional fish and chip shops. Prices of televisions will also continue to be collected as part of a new two-way size breakdown of screens, which replaces the three-way breakdown collected in recent years.
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 those items that are variants of others have typically been chosen: examples include pork pies, Edam cheese, leg waxing and ATM charges. In each case, it is judged that price changes for these items remain adequately represented by others that remain in the baskets.

Finally, collection issues can influence changes to the baskets. This year, a child’s tricycle has been replaced by a sit and ride toy as the tricycle was increasingly difficult to find in shops.

6. Other changes

Two other changes are being introduced with the publication of the February index on 20 March 2018.

Additional price quotes

The first concerns the inclusion in Consumer Prices Index including owner occupiers’ house costs (CPIH) and Consumer Prices Index (CPI) of additional price quotes for fruit and vegetable items. The additional price quotes are collected on the Friday before the main collection day (on the second or third Tuesday of the month) and their inclusion will improve the measurement of price change for items whose prices are more variable within the same month.

It will also bring the CPI into line with European regulations, which state that for energy products and fresh food, such as fruit and vegetables, price collection should be carried out across more than one working week. This additional collection has already been piloted and the results of that pilot suggest that the impact on headline CPIH and CPI is negligible but that there are some more noticeable impacts in lower-level aggregates. Impact of inclusion of additional price quotes on consumer prices indices describes the changes and their impact in more detail. This change is not being applied to the Retail Prices Index (RPI), which is only being maintained through routine changes and where prices are collected on and around the main collection day.

Aggregating CPIH and CPI indices in January

The second change follows on from the introduction last year of an additional level of detail in the Classification of Individual Consumption by Purpose (COICOP) used in aggregating and analysing CPIH and CPI. The change is in how chain linking is conducted in January.

Until January 2017, higher level CPIH and CPI aggregates for January were constructed by rereferencing the index to a December base at the then lowest COICOP level and aggregating to higher levels. From January 2018, higher level CPIH and CPI aggregates for January will be constructed by rereferencing the index to a December base at item level and aggregating to all COICOP levels. This change and its impact were described in Assessing the impact of methodological improvements on the Consumer Prices Index.
Table 2: Additions to the basket in 2018

<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>2129 Other Foods</td>
<td>Quiche</td>
<td>New item. This has been added to improve coverage of the pizza and quiche subclass within bread and cereals. Previously only pizza prices were collected to represent the group.</td>
</tr>
<tr>
<td>1.1.6 Fruit</td>
<td>2127 Fresh Fruit</td>
<td>Raspberries, punnet</td>
<td>New item. Added to rebalance the sample of fruits by including more soft fruit items with an offsetting reduction in the number of stoned fruits. The addition will reduce the weight of other soft fruits such as strawberries and it is expected to reduce the variability in the overall estimate of fruit price movements.</td>
</tr>
<tr>
<td>1.1.7 Vegetables including Potatoes and Tubers</td>
<td>2124 Potato Products</td>
<td>Prepared mashed potato, chilled</td>
<td>New item. Added to reflect the increased shelf-space devoted to prepared potato products in particular and prepared vegetables more generally.</td>
</tr>
<tr>
<td>3.1.2 Garments</td>
<td>5102 Women's Outerwear</td>
<td>Women's exercise leggings</td>
<td>New item. Women's clothing is an under-represented part of the basket and exercise leggings have been added to help improve the overall estimate of price movement. This particular product has been chosen to further diversify the range of women'swear, particularly recreational/sports clothing.</td>
</tr>
<tr>
<td>3.1.2 Garments</td>
<td>5103 Children's Outerwear</td>
<td>Girl's leggings</td>
<td>New item. Introduced to diversify the range of children's clothing in the basket and cover a garment not previously included.</td>
</tr>
<tr>
<td>5.1.1 Furniture and Furnishings</td>
<td>4301 Furniture</td>
<td>High chair</td>
<td>New item. Added to represent nursery furniture which has not been covered in the basket since cots were removed in 1999. The item also improves coverage of the CPIH/CPI subclass &quot;Other furniture and furnishings&quot; which was only represented previously by mirrors.</td>
</tr>
</tbody>
</table>
### 9.1.1 Equipment for the Reception and Reproduction of Sound and Pictures

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
<th>Item Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Digital media player</td>
<td>6301</td>
<td>6301 Audio-Visual Equipment</td>
<td>This type of equipment has not previously been included in the basket. It has been added to maintain the range of items in the audio-visual category following the removal of the digital television recorder/receiver and one of the three televisions.</td>
</tr>
<tr>
<td>Television 39ins/99cm or smaller</td>
<td>6301</td>
<td>6301 Audio-Visual Equipment</td>
<td>Three television items have been replaced by two to better reflect television size in the current market. In particular, the smallest screen in the 2017 basket, 14-22 inches, has very low coverage reflecting its availability in shops.</td>
</tr>
<tr>
<td>Television 40ins/102cm or larger</td>
<td>6301</td>
<td>6301 Audio-Visual Equipment</td>
<td>Three television items have been replaced by two to better reflect television size in the current market. In particular, the smallest screen in the 2017 basket, 14-22 inches, has very low coverage reflecting its availability in shops.</td>
</tr>
</tbody>
</table>

### 9.1.2 Photographic, Cinematographic and Optical Equipment

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
<th>Item Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Action camera</td>
<td>6303</td>
<td>6303 Toys, Photographic and Sports Goods</td>
<td>This reflects a growing sector of the camera market and has been added partly to maintain the number of items in this class following the removal of the camcorder.</td>
</tr>
</tbody>
</table>

### 9.3.1 Games, Toys and Hobbies

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
<th>Item Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Child's sit and ride toy</td>
<td>6303</td>
<td>6303 Toys, Photographic and Sports Goods</td>
<td>Replaces the child's tricycle whose coverage has been falling reflecting its availability in shops.</td>
</tr>
</tbody>
</table>

### 9.4.1 Recreational and Sporting Services

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
<th>Item Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soft play session</td>
<td>6402</td>
<td>6402 Entertainment and Other Recreation</td>
<td>New item. An adult-supervised soft play session has been introduced principally to improve and diversify the coverage in an under-represented area of the basket.</td>
</tr>
</tbody>
</table>

### 11.1.1 Restaurants and Cafes

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
<th>Item Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cooked pastry based savoury snack</td>
<td>2203</td>
<td>2203 Take-Aways and Snacks</td>
<td>Replaces the pasty/pie with the aim of widening collection of this type of snack across a range of take-away outlets, not just traditional fish and chips shops.</td>
</tr>
</tbody>
</table>

### 12.1.2/3 Appliances and Products for Personal Care

<table>
<thead>
<tr>
<th>Description</th>
<th>Code</th>
<th>Item Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Body moisturising lotion</td>
<td>5202</td>
<td>5202 Chemists' Goods</td>
<td>New item. This item has been added to represent an element of the bodycare market, distinct from the facial moisturiser which is already included in the basket.</td>
</tr>
</tbody>
</table>
Table 3: Items removed from the basket in 2018
(1. "low weighted" denotes an item with a CPIH weight of less than 0.5 parts per thousand in 2017.)

<table>
<thead>
<tr>
<th>CPI/CPIH Class</th>
<th>RPI Section</th>
<th>Dropped Item</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.1.2 Meat</td>
<td>2110 Other Meat</td>
<td>Pork pie</td>
<td>Removed. This is an over-covered part of the basket and this low weighted item can be removed without any significant loss of precision in the overall index. Its removal enables new items to be added in other parts of the basket where precision needs to be improved. To some extent the item is still represented in the basket by meat pies and the meat based snack.</td>
</tr>
<tr>
<td>1.1.4 Mike, Cheese and Eggs</td>
<td>2115 Cheese</td>
<td>Edam cheese</td>
<td>Removed. Another over-covered part of the basket. This low weighted item has been chosen for removal since there is limited availability in shops other than the large supermarkets and other continental cheeses which remain in the basket are more popular.</td>
</tr>
<tr>
<td>1.1.6 Fruit</td>
<td>2127 Fresh Fruit</td>
<td>Peaches/nectarines</td>
<td>Removed to rebalance the sample of fruits by reducing the number of stoned fruits in order to include more soft fruits. Stoned fruits remain represented by plums and avocados. The low weighted peaches/nectarines item was chosen since the product's availability in shops varies throughout the year to the extent that it is only priced for eight months of the year and is one of the small number of items in the basket collected on a seasonal basis.</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>Digital television recorder/receiver</td>
<td>Low weighted item replaced by the digital media player as coverage of the digital television recorder/receiver has fallen reflecting its availability in shops and developments in technology.</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>Television 14-22ins/35-55cm</td>
<td>Three television items have been replaced by two to better reflect television size in the current market, In particular, the smallest screen in the 2017 basket, 14-22 inches, has very low coverage reflecting its availability in shops.</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>Television 23-32ins/57.5-80cm</td>
<td>Three television items have been replaced by two to better reflect television size in the current market, In particular, the smallest screen in the 2017 basket, 14-22 inches, has very low coverage reflecting its availability in shops.</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>Television 33ins/82.5cm or larger</td>
<td>Three television items have been replaced by two to better reflect television size in the current market, In particular the smallest screen in the 2017 basket, 14-22 inches, has very low coverage reflecting its availability in shops.</td>
</tr>
<tr>
<td>Section</td>
<td>Code</td>
<td>Item Description</td>
<td>Change</td>
</tr>
<tr>
<td>----------------------------------------------</td>
<td>---------------</td>
<td>-------------------------------------------</td>
<td>-------------------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>9.1.2 Photographic, Cinematographic and Optical Equipment</td>
<td>6303</td>
<td>Digital camcorder</td>
<td>Removed. The number of models available and market share have fallen as people have switched to using smartphones.</td>
</tr>
<tr>
<td>9.3.1 Games, Toys and Hobbies</td>
<td>6303</td>
<td>Child's tricycle</td>
<td>Replaced by a child's sit and ride toy as coverage of the tricycle has fallen reflecting its availability in shops.</td>
</tr>
<tr>
<td>11.1.1 Restaurants and Cafes</td>
<td>2203</td>
<td>Pasty/savoury pie</td>
<td>Replaced by a cooked pastry based savoury snack with the aim of widening collection of this type of snack across a range of take-away outlets, not just traditional fish and chips shops.</td>
</tr>
<tr>
<td>11.1.1 Restaurants and Cafes</td>
<td>3101</td>
<td>Bottle of lager in a nightclub</td>
<td>Removed from an over-covered area of the basket. The item was chosen because of collection difficulties and reduced expenditure as the number of nightclubs is falling.</td>
</tr>
<tr>
<td>12.1.1 Hairdressing and Personal Grooming Establishments</td>
<td>5203</td>
<td>Full leg wax</td>
<td>This item has been removed from an over-covered area of the basket and can be dropped without any significant loss of precision in the overall index. It was chosen since it has a lower weight than the other beauty services.</td>
</tr>
<tr>
<td>12.6.2 Other Financial Services Not Elsewhere Covered</td>
<td>4402</td>
<td>ATM charges</td>
<td>Removed. This low weighted item is being removed from an over-covered part of the basket.</td>
</tr>
</tbody>
</table>
Annex A: Consumer price indices, CPIH and CPI: representative items in 2018

01.1 Food

01.1.1 Bread and Cereals

- Large white loaves - sliced and unsliced
- Large wholemeal loaf
- Garlic bread
- Rice
- Breakfast cereals
- Quiche
- Sponge cakes
- Pack of individual cakes
- Fruit pies
- Cereal bars

- Bread rolls
- Flour
- Pasta
- Various selected biscuits
- Doughnuts
- Crackers
- Chilled pizza
- Dehydrated noodles/pasta
- Hot oat cereal

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

- Topside
- Frozen burgers
- Shoulder
- Back bacon
- Oven-ready joint
- Fresh chicken breasts
- Rotisserie cooked hot whole chicken
- Meat pies
- Fresh turkey steaks
- Frozen chicken nuggets
- Liver
- Meat based snacks

01.1.3 Fish

- Fresh white fish fillets
- Canned tuna
- Frozen prawns

- Fresh salmon fillets
- Fish fingers
- Frozen breaded/battered white fish

01.1.4 Milk, Cheese and Eggs

- Full-fat and semi-skimmed milk - shop-bought and delivered
- Flavoured milk

- Non-dairy milk drink
<table>
<thead>
<tr>
<th>Category</th>
<th>Items</th>
</tr>
</thead>
<tbody>
<tr>
<td>01.1.5 Oils and Fats</td>
<td>Margarine/low fat spread, Olive oil, Block butter, Spreadable butter</td>
</tr>
<tr>
<td>01.1.6 Fruit</td>
<td>Cooking apples, Pears, Strawberries, Oranges, Avocado pears, Kiwi fruit, Melon, Pineapple, Lemon, Dried fruit, Salted/roasted peanuts</td>
</tr>
<tr>
<td>01.1.7 Vegetables</td>
<td>Loose and pre-packed potatoes, Prepared mashed potato, Crisps, Peppers, Cabbage, Carrots, Onions, Cucumbers, Courgettes, Pre-packed salad, Canned baked beans, Canned sweetcorn, Vegetarian burger/grills</td>
</tr>
<tr>
<td>01.1.8 Sugar, Jam, Syrups, Chocolate and Confectionery</td>
<td>Sugar, Jam, Honey, Ice cream, Various selected popular brands of sweets, chocolates, gum and mints</td>
</tr>
</tbody>
</table>
01.1.9 Food Products (not elsewhere covered)
  - Soup
  - Ready cooked meals
  - Various sauces - eg tomato ketchup, mayonnaise
  - Protein powder

01.2 Non-Alcoholic Beverages

01.2.1 Coffee, Tea and Cocoa
  - Tea bags
  - Ground coffee
  - Instant coffee
  - Coffee pods
  - Hot chocolate drink

01.2.2 Mineral Waters, Soft Drinks and Juices
  - Various pure fruit juices
  - Squashes
  - Fruit drink
  - Fruit smoothie
  - Mineral water
  - Flavoured water
  - Lemonade
  - Cola
  - Various fizzy drinks
  - Mixer drinks
  - Energy drinks

02.1 Alcoholic Beverages (Off Sales)

02.1.1 Spirits
  - Whisky
  - Vodka
  - Brandy
  - Rum
  - Gin
  - Cream liqueur

02.1.2 Wine
  - White wine
  - Red wine
  - Rose wine
  - Fortified wine
  - Sparkling wine
  - Champagne
  - Bottled flavoured cider
  - Canned apple cider

02.1.3 Beer
  - Canned lager
  - Canned bitter
  - Bottled lager
  - Canned stout
  - Bottled speciality beer/ale
  - Canned stout

02.2 Tobacco
  - Selected brand cigarettes
  - Hand rolling tobacco
  - Cigars
  - Electronic cigarette refills/liquid
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

03.1.4 Cleaning, Repair and Hire of Clothing
- Dry-cleaning

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
- Registered social landlord (RSL) rent
- Local authority 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
- Varnish
- Ceramic tiles
- Medium density fibreboard (MDF)
- Paintbrush
- Wallpaper
- Paint - gloss/emulsion
- Shower head
- Softwood

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, leather settee, 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
- Tableware - crockery set, 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 powder
- 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
   Car wash
   Roadside recovery services
   Exhaust/brake fitting at fast fit auto centre

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

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
### Consumer Price Inflation: The 2018 Basket of Goods and Services

<table>
<thead>
<tr>
<th>Subscription to the internet</th>
<th>Mobile phone accessory</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bundled communication services</td>
<td></td>
</tr>
</tbody>
</table>

#### 09.1 Audio-Visual Equipment and Related Products

<table>
<thead>
<tr>
<th>Equipment for the Reception and Reproduction of Sound and Pictures</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flat panel televisions</td>
</tr>
<tr>
<td>Blu-ray disc player</td>
</tr>
<tr>
<td>Digital (DAB) radio</td>
</tr>
<tr>
<td>Personal MP4 player</td>
</tr>
</tbody>
</table>

- **09.1.1** Equipment for the Reception and Reproduction of Sound and Pictures
  - Flat panel televisions
  - Blu-ray disc player
  - Digital (DAB) radio
  - Personal MP4 player

- **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

- **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
  - Various 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

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**Office for National Statistics**

**Consumer Price Inflation: The 2018 Basket of Goods and Services**
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 - moist and dry
- Small pet - eg hamster
- Dog kennel boarding fees
- Wild bird seed
- Animal cage
- Annual booster injection

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

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

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
- Provincial newspapers
- Sunday newspapers
- Periodicals

09.5.3/4 Miscellaneous Printed Matter, Stationery, Drawing Materials
- Ballpoint pen
- Wrapping paper
- Envelopes
- Greeting card
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
International student fees
Evening classes
UK university tuition fees

11.1 Catering Services
11.1.1 Restaurants and Cafes
Restaurants
Restaurant main course
Restaurant cup of coffee
Burger in bun - eat in
Muffin
Restaurant sweet course
Pub hot meal
In store cafeteria meal

Take-Aways and Snacks
Fish and chips
Burger in bun
Chicken and chips
Pizza delivery/take-away
Cinema popcorn
Tea
Soft drink
Cooked pastry based savoury snack
Kebab
Ethnic take-away
Sandwich
Crisps
Coffee latte
Vending machine fizzy drink

Beer On Sales
Draught bitter
Draught stout
Bottled lager
Draught lager
Draught/bottled cider

Wines and Spirits On Sales
Whisky
Wine
Liqueurs
Vodka
Spirit based drink
Mixer

Soft Drinks
Fizzy drinks
Bottled mineral water
Fruit juice

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
Halls of residence
Other accommodation services

12.1 Personal Care
12.1.1 Hairdressing and Personal Grooming Establishments
Hairdressing fees
Basic manicure
Slimming club fees

12.1.2/3 Appliances and Products for Personal Care
Electrical hair straighteners/tongs
Electric razor
Toilet roll
Tissues
Disposable nappies
Toothbrush
Tampons
Baby wipes
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
Watch battery replacement
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
Handbag
Luggage - trolley case
Picture/photo frame
Push chair

12.4 Social Protection
Residential home fees
In home care assistants’ fees
Local authority supported residents in retirement homes
Childminder fees
Nursery fees
Playgroup fees

12.5 Insurance
12.5.2 House Contents Insurance
Home contents insurance premiums
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
- Unit trust fees and commissions
- Stockbrokers’ fees
- Money transfer fees
- Credit card 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 2018

**Food**

<table>
<thead>
<tr>
<th>Category</th>
<th>Items</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Bread</strong></td>
<td>Large white loaves - sliced and unsliced</td>
</tr>
<tr>
<td></td>
<td>Large wholemeal loaf</td>
</tr>
<tr>
<td></td>
<td>Bread rolls</td>
</tr>
<tr>
<td></td>
<td>Garlic bread</td>
</tr>
<tr>
<td><strong>Cereals</strong></td>
<td>Flour</td>
</tr>
<tr>
<td></td>
<td>Rice</td>
</tr>
<tr>
<td></td>
<td>Pasta</td>
</tr>
<tr>
<td></td>
<td>Breakfest cereals</td>
</tr>
<tr>
<td></td>
<td>Corn based snacks</td>
</tr>
<tr>
<td></td>
<td>Cereal bars</td>
</tr>
<tr>
<td></td>
<td>Hot oat cereal</td>
</tr>
<tr>
<td><strong>Biscuits and Cakes</strong></td>
<td>Various selected biscuits</td>
</tr>
<tr>
<td></td>
<td>Doughnuts</td>
</tr>
<tr>
<td></td>
<td>Sponge cakes</td>
</tr>
<tr>
<td></td>
<td>Pack of individual cakes</td>
</tr>
<tr>
<td></td>
<td>Fruit pies</td>
</tr>
<tr>
<td></td>
<td>Crackers</td>
</tr>
<tr>
<td><strong>Beef</strong></td>
<td>Rump steak</td>
</tr>
<tr>
<td></td>
<td>Topside</td>
</tr>
<tr>
<td></td>
<td>Mince</td>
</tr>
<tr>
<td></td>
<td>Frozen beefburgers</td>
</tr>
<tr>
<td><strong>Home-Killed Lamb</strong></td>
<td>Loin chops</td>
</tr>
<tr>
<td></td>
<td>Shoulder</td>
</tr>
<tr>
<td><strong>Imported Lamb</strong></td>
<td>Leg</td>
</tr>
<tr>
<td><strong>Pork</strong></td>
<td>Loin chops</td>
</tr>
<tr>
<td><strong>Bacon</strong></td>
<td>Gammon</td>
</tr>
<tr>
<td></td>
<td>Back</td>
</tr>
<tr>
<td><strong>Poultry</strong></td>
<td>Fresh/chilled chicken</td>
</tr>
<tr>
<td></td>
<td>Fresh chicken breasts</td>
</tr>
<tr>
<td></td>
<td>Frozen chicken breasts</td>
</tr>
<tr>
<td></td>
<td>Fresh turkey steaks</td>
</tr>
<tr>
<td></td>
<td>Rotisserie cooked hot whole chicken</td>
</tr>
<tr>
<td><strong>Other Meat</strong></td>
<td>Pork sausages</td>
</tr>
<tr>
<td></td>
<td>Cooked meats - eg ham</td>
</tr>
<tr>
<td>Meat pies</td>
<td>Canned meats</td>
</tr>
<tr>
<td>-----------------------</td>
<td>-----------------------</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></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></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</th>
<th></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></th>
</tr>
</thead>
<tbody>
<tr>
<td>Margarine/low fat spread</td>
<td>Olive oil</td>
</tr>
</tbody>
</table>

**Cheese**

<table>
<thead>
<tr>
<th>Cheese</th>
<th></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>Eggs</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Various sized eggs</td>
<td></td>
</tr>
</tbody>
</table>

**Milk**

<table>
<thead>
<tr>
<th>Milk</th>
<th></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 Products</th>
<th></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</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Tea bags</td>
<td></td>
</tr>
</tbody>
</table>

**Coffee and Other Hot Drinks**

<table>
<thead>
<tr>
<th>Coffee and Other Hot Drinks</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Ground coffee</td>
<td>Instant coffee</td>
</tr>
</tbody>
</table>
### Coffee pods
- Hot chocolate drink

### Soft Drinks
- Various pure fruit juices
- Fruit drink
- Mineral water
- Lemonade
- Various fizzy drinks
- Energy drinks

#### Squashes
- Fruit smoothie
- Flavoured water
- Cola

#### Fruit drinks
- Fruit smoothie
- Flavoured water
- Cola

### Sugar and Preserves
- Sugar
- Jam
- Honey

### Sweets and Chocolates
- Various selected popular brands of sweets, chocolates, gum and mints

### Unprocessed Potatoes
- Loose and pre-packed potatoes - old, new and baking varieties

### Potato Products
- Crisps - single and multi-packs
- Frozen chips
- Prepared mashed potato

### Fresh Vegetables
- Fresh tomatoes
- Cabbage
- Cauliflower
- Carrots
- Mushrooms
- Onions
- Lettuce
- Cucumbers
- Courgettes
- Sweet potatoes
- Broccoli
- Peppers
- Pre-packed salad
- Vegetable stir fry

### Processed Vegetables
- Canned tomatoes
- Canned baked beans
- Canned sweetcorn
- Frozen peas

### Fresh Fruit
- Cooking apples
- Dessert apples
- Pears
- Bananas
- Strawberries
- Grapes
<table>
<thead>
<tr>
<th>Category</th>
<th>Items</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fruit</td>
<td>Oranges, Grapefruit, Avocado pears, Kiwi fruit, Melon, Pineapple, Lemon, Small oranges,</td>
</tr>
<tr>
<td></td>
<td>Blueberries, Raspberries, Fresh fruit snacking pot</td>
</tr>
<tr>
<td>Processed Fruit</td>
<td>Canned fruit, Salted/roasted peanuts</td>
</tr>
<tr>
<td>Other Foods</td>
<td>Soup, Ready cooked meals, Various sauces (e.g. tomato ketchup, mayonnaise, pickle),</td>
</tr>
<tr>
<td></td>
<td>Other convenience foods (e.g. chilled pizzas, dehydrated noodles/pasta), Quiche, Ice</td>
</tr>
<tr>
<td></td>
<td>cream</td>
</tr>
<tr>
<td>Catering</td>
<td>Restaurant main course, Restaurant sweet course, Restaurant cup of coffee, Pub hot</td>
</tr>
<tr>
<td></td>
<td>meal, In store cafeteria meal, Fruit juice, Bottled mineral water, Muffin,</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Canteen Meals</td>
</tr>
<tr>
<td></td>
<td>Restaurant main course, Staff restaurant main course, Staff restaurant sandwich, Staff</td>
</tr>
<tr>
<td></td>
<td>restaurant hot snack, School meals</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Take-Aways and Snacks</td>
<td>Fish and chips, Burger in bun, Kebab, Chicken and chips, Ethnic take-away, Pizza</td>
</tr>
<tr>
<td></td>
<td>delivery/take-away, Cinema popcorn, Sandwich, Crisps, Tea, Coffee latte, Coffee</td>
</tr>
<tr>
<td></td>
<td>latte, Soft drink, Vending machine drink</td>
</tr>
</tbody>
</table>
### Alcoholic Drink

#### Beer On Sales
- Draught bitter
- Draught stout
- Bottled lager
- Draught lager
- Draught/bottled cider

#### Beer Off Sales
- Canned lager
- Bottled lager
- Bottled flavoured cider
- Bottled speciality beer/ale
- Canned bitter
- Canned stout
- Canned apple cider

#### Wines and Spirits On Sales
- Whisky
- Wine
- Liqueurs
- Vodka
- Spirit based drink
- Mixer

#### Wines and Spirits Off Sales
- Whisky
- Brandy
- Gin
- White wine
- Rose wine
- Sparkling wine
- Vodka
- Rum
- Cream liqueur
- Red wine
- Fortified wine
- Champagne

### Tobacco

#### Cigarettes
- Selected brands
- Electronic cigarette refills/liquids

#### Other Tobacco
- Cigars
- Hand rolling tobacco

### Housing

#### Rent
- Private furnished and unfurnished rent
- Local authority 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
Wallpaper
Varnish
Paint - gloss/emulsion
Paint brush
Woodscrews
Power drill
Screwdriver
Ceramic tiles
Shower head
Softwood
Medium density fibreboard (MDF)
Door handle
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 - eg table, chairs
Bedroom furniture - eg wardrobe, beds, chest of drawers
Living room furniture - eg armchair, sofa bed, leather settee, 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 - eg iron, kettle, heater, electric fan
Personal appliances - eg electric razor, electric hair straighteners/tongs
Washing machine
Dishwasher
Telephone

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

Household Consumables
Washing powder
Washing-up liquid
Kitchen roll
Toilet roll
Household cleaner cream/liquid
Light bulb
Ballpoint pen
Fabric conditioner
Dishwasher tablets
Aluminium foil
Bin liners
Bleach
Battery
Wrapping paper
### Consumer Price Inflation: The 2018 Basket of Goods and Services

<table>
<thead>
<tr>
<th>Envelopes</th>
<th>Greeting card</th>
</tr>
</thead>
<tbody>
<tr>
<td>Printer paper</td>
<td>Inkjet cartridge</td>
</tr>
<tr>
<td>Clear sticky tape</td>
<td></td>
</tr>
</tbody>
</table>

**Pet Care**

<table>
<thead>
<tr>
<th>Cat and dog food - moist and dry</th>
<th>Wild bird seed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Small pet - eg hamster</td>
<td>Animal cage</td>
</tr>
<tr>
<td>Dog kennel boarding fees</td>
<td>Annual booster injection</td>
</tr>
</tbody>
</table>

**Household Services**

### Postage

<table>
<thead>
<tr>
<th>Postal charges</th>
<th></th>
</tr>
</thead>
</table>

### Telephone Charges

<table>
<thead>
<tr>
<th>Fixed line telephone charges</th>
<th>Mobile phone charges</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cost of directory enquiries</td>
<td>Mobile phone applications</td>
</tr>
<tr>
<td>Subscription to the internet</td>
<td>Bundled communication services</td>
</tr>
</tbody>
</table>

### Domestic Services

<table>
<thead>
<tr>
<th>Domestic cleaner fees</th>
<th>In home care assistants’ fees</th>
</tr>
</thead>
<tbody>
<tr>
<td>Childminder fees</td>
<td>Nanny fees</td>
</tr>
<tr>
<td>Playgroup fees</td>
<td>Window cleaning fees</td>
</tr>
<tr>
<td>Dry-cleaning charges</td>
<td>Driving lesson fees</td>
</tr>
<tr>
<td>Home delivery charges</td>
<td>Charge for home removals</td>
</tr>
<tr>
<td>Self-storage fees</td>
<td>Electrical service charges</td>
</tr>
<tr>
<td>Various electrical equipment repair charges - eg washing machine, PC</td>
<td></td>
</tr>
<tr>
<td>Cost of catering for a function</td>
<td>Watch battery replacement</td>
</tr>
<tr>
<td>Men’s clothing hire</td>
<td></td>
</tr>
</tbody>
</table>

### Fees and Subscriptions

<table>
<thead>
<tr>
<th>Trade union and professional organisation subscriptions</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Estate agents’ fees</td>
<td></td>
</tr>
<tr>
<td>House conveyancing fees</td>
<td>Surveyors’ fee for house valuation</td>
</tr>
<tr>
<td>Charge for home buyers’ survey</td>
<td>Home contents insurance premiums</td>
</tr>
<tr>
<td>Fee for birth and death certificates</td>
<td>Marriage licences</td>
</tr>
<tr>
<td>Passport fees</td>
<td>Various bank charges - eg overdraft fees</td>
</tr>
<tr>
<td>Money transfer fees</td>
<td>Driving test fees</td>
</tr>
<tr>
<td>Private school fees</td>
<td>UK university tuition fees</td>
</tr>
<tr>
<td>Evening classes</td>
<td>Solicitors’ fees - including will drafting</td>
</tr>
<tr>
<td>Dating agency fees</td>
<td>Cost of basic funeral/cremation</td>
</tr>
<tr>
<td>Pet insurance</td>
<td>Nursery fees</td>
</tr>
</tbody>
</table>
### Mortgage arrangement fees
### Charges for advertisements in newspapers
### Credit card 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
- Jacket - formal, casual
- 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
- Nightwear - eg nightdress/pyjamas
- Man's tie

**Man's base layer top**
- Socks
- Knitting wool
- Lady's scarf

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

**Sandals**
### Personal Goods and Services

#### Personal Articles
- Umbrella
- Watch
- Contact lenses
- Flower vase
- Wall hanging mirror
- Various items of personal jewellery - gold chain, solid gold ring, diamond solitaire ring, sterling silver earrings, fashion earrings, fashion necklace

#### 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
- Second-hand cars
- Motorcycles
- New cars
- Caravans

#### Maintenance of Motor Vehicles
- Car service
- Roadside recovery services
- Exhaust/brake fitting at fast fit auto centre
- Selected spare parts and accessories - eg wiper blade, battery, tyres, bulbs
<table>
<thead>
<tr>
<th>Category</th>
<th>Items</th>
</tr>
</thead>
<tbody>
<tr>
<td>Petrol and Oil</td>
<td>Ultra low sulphur petrol, Ultra low sulphur diesel, Motor oil</td>
</tr>
<tr>
<td>Vehicle Tax and Insurance</td>
<td>Vehicle excise duty, Vehicle insurance</td>
</tr>
<tr>
<td>Fares and Other Travel Costs</td>
<td>Iron fares, London transport fares, Other underground/metro fares</td>
</tr>
<tr>
<td>Rail Fares</td>
<td>UK rail fares, Euro Tunnel fares, Other underground/metro fares</td>
</tr>
<tr>
<td>Bus and Coach Fares</td>
<td>Coach fares</td>
</tr>
<tr>
<td>Other Travel Costs</td>
<td>Minicab fares, Various ferry and sea fares, Road tolls, Car park charges, Cycle helmet</td>
</tr>
<tr>
<td>Taxi fares</td>
<td>Various ferry and sea fares, Road tolls</td>
</tr>
<tr>
<td>Self-drive car and van hire charges</td>
<td>Various ferry and sea fares, Road tolls</td>
</tr>
<tr>
<td>Air fares</td>
<td>Car park charges</td>
</tr>
<tr>
<td>Other means of transport - eg bicycles, boats</td>
<td>Car park charges</td>
</tr>
<tr>
<td>Push chair</td>
<td>Cycle helmet</td>
</tr>
<tr>
<td>Leisure Goods</td>
<td>Flat panel televisions, DVD player, Digital media player, Audio systems, Headphones, PCs - desktop and laptop</td>
</tr>
<tr>
<td>Audio-Visual Equipment</td>
<td>Flat panel televisions, DVD player, Digital media player, Audio systems, Headphones, PCs - desktop and laptop</td>
</tr>
<tr>
<td>CDs and Tapes</td>
<td>Pre-recorded DVDs, including DVDs purchased over the internet, CDs, including CDs purchased over the internet, Pre-recorded Blu-ray discs, including discs purchased over the internet, Recordable CD, Computer software, Music downloads</td>
</tr>
<tr>
<td>Toys, Photographic and Sports Goods</td>
<td>Various toys - soft toys, construction toys, model cars, activity toys, dolls, electronic educational toys</td>
</tr>
</tbody>
</table>
Computer games, including games purchased over the internet
Board game
Computer game downloads
Digital compact camera
Action camera
Portable digital storage device
Child’s sit and ride toy
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

Gardening Products
Compost
Lawnmower

Leisure Services
Television Licences and Rentals
Television licence fees
Digital television subscriptions

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

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