

Economic Statistics Department  
Price Statistics

# Changes in the CPI as from 2022

Major changes in the production of the Consumer Price Index (CPI) as from 2022 are described below.

## Price index for mobile phones, computers and computer accessories with fixed basket

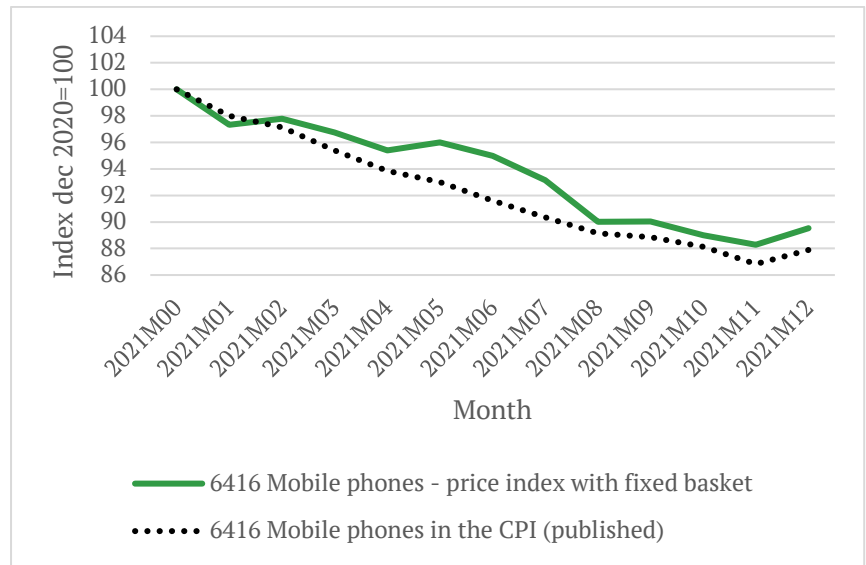
As from January 2022, price indices for the product groups mobile phones (6416), computers (7713) and computer accessories (7719) will be calculated with a fixed basket, which is a change from the previous monthly chaining method (known as *Monthly chaining and replenishment*).

The change is consistent with new recommendations from Eurostat (2021)<sup>1</sup> on the usage of monthly chaining and the quality adjustment method *Bridged overlap*. In the fixed basket, quality adjustments will be carried out with expert judgement supported by hedonic models. The method change is done to reduce potential downward bias in the price index.

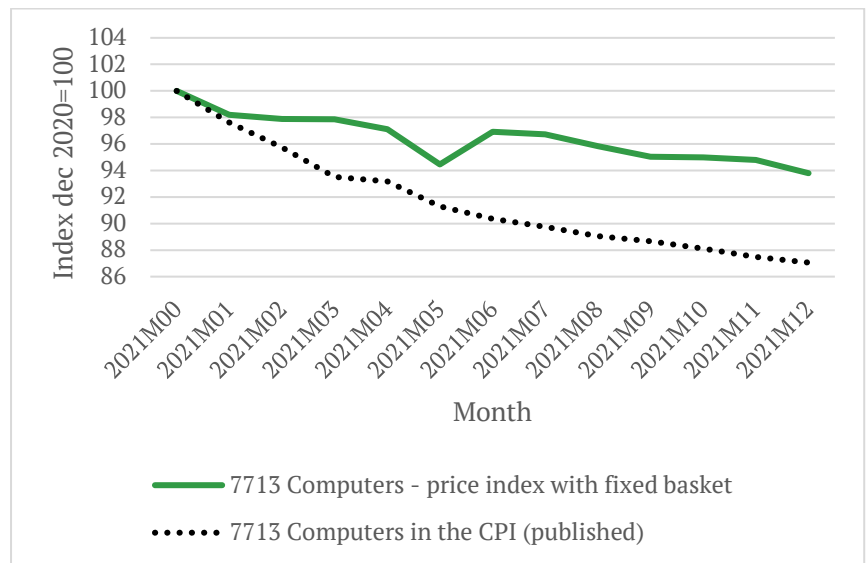
When calculating alternative price indices for 2021 the method change had greatest impact on computers, while for mobile phones and computer accessories this change had a positive but a relatively small impact. See figures 1, 2 and 3. The difference in effect on the yearly change in the CPI have been estimated to about 0.06 percentage point in December 2021.

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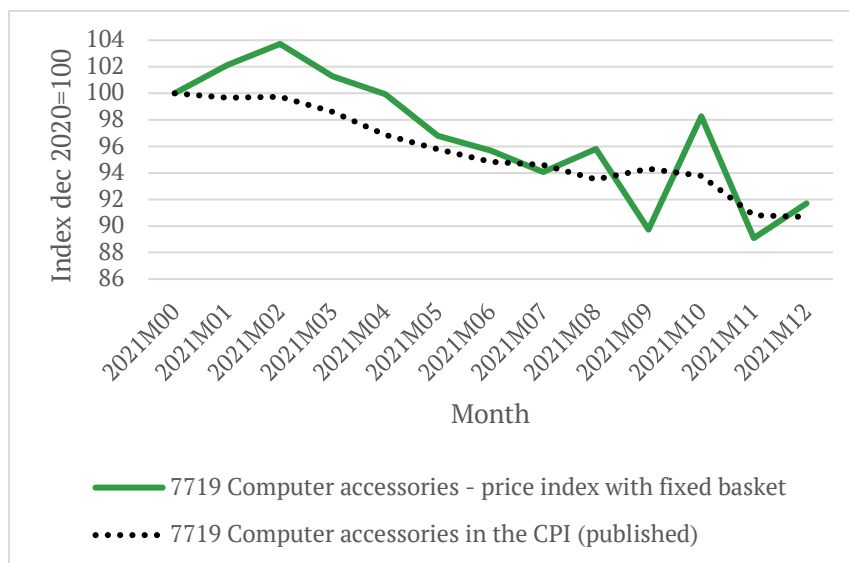
<sup>1</sup> Eurostat (2021), HICP recommendation on bridged overlap, <https://ec.europa.eu/eurostat/documents/272892/7048317/Recommendation-bridged-overlap-june-2021.pdf> [13 January 2022]



**Figure 1.** The price index for mobile phones (6416) with fixed basket and the published index.



**Figure 2.** The price index for computers (7713) with fixed basket and the published index.



**Figure 3.** The price index for computer accessories (7719) with fixed basket and the published index.

**More information:**

Price index for mobile phones and computers was discussed at meeting nr 12, 2021, with the Consumer Price Index Board. More information is available here (in Swedish):

[Prisindex för mobiltelefoner och datorer med fast korg](#)

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**Adjusted weight calculation in 2022**

Statistics Sweden updates on an annual basis the aggregate-level weights used to compile the CPI, CPIF, HICP and other measures of consumer side inflation. In 2021, an adjusted calculation method was used to compile these weights, in which consumption shifts that occurred during the covid-19 pandemic were taken into account. The 2021 weights were based on estimated consumption patterns during 2020. In 2022, Statistics Sweden will again make use of this adjusted

compilation method; estimated 2021 expenditure information will thus be used as basis for the 2022 aggregate-level weights.<sup>2</sup>

**More information:**

[Adjusted compilation method for CPI, CPIF and HICP weights in 2022](#)

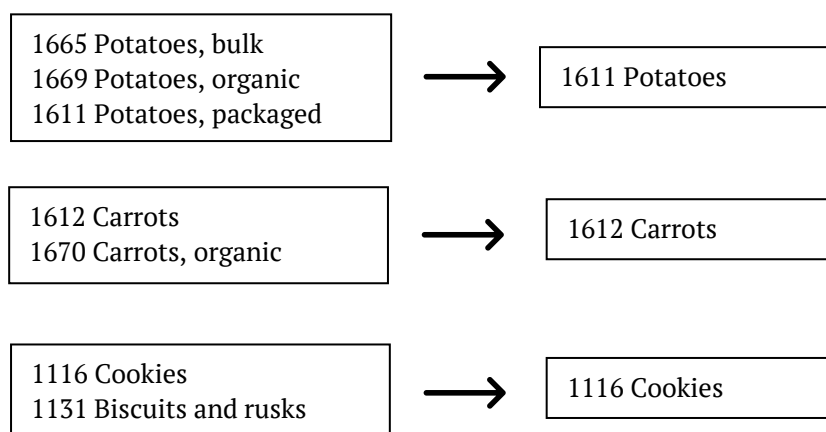
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## Surveys introduced or discontinued as from 2022

As from 2022 some product groups will be merged as follows:



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<sup>2</sup> By “aggregate-level weights” we here mean the weights used for the HICP links as well as the weights used for the CPI and CPIF monthly links. The yearly links used to compile the CPI and CPIF are not affected.

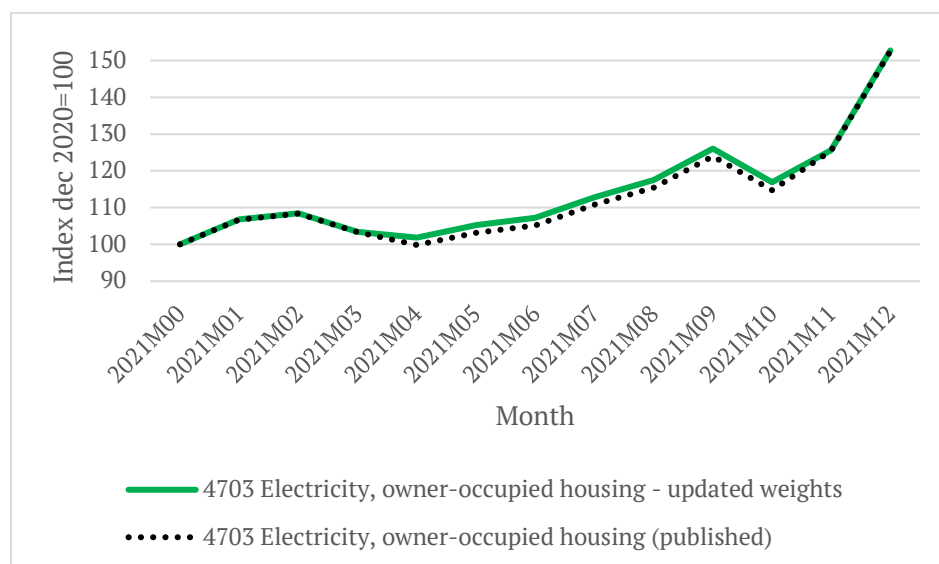
## New weights in Electricity, owner-occupied housing

Statistics Sweden has received updated information for calculating the weights in product group 4703 *Electricity, owner-occupied housing*. It is the weights between different types of tariffs for the electrical network (“time tariff” versus “single tariff”) which are being updated.

With the new information the time tariff will have a significantly lower weight, which will affect CPI at most during the months April-October, since the time tariff index is relatively low during this period. With the new weights the time tariff will not contribute as much to the CPI. To see how the index would have looked in 2021 given that the new weights would have been used, see figure 4.

This weight update is an example of the regular reviews which are constantly being done in the work with CPI at Statistics Sweden. However, this update results in a larger effect than these reviews usually do – which is the reason that Statistics Sweden is including it in this document.

According to Statistics Sweden’s calculations the yearly change in the CPI would have been approximately 0.06 percentage points higher during April-October if the new weights would have been used in 2021.



**Figure 4:** The price index for Electricity, owner-occupied housing (4703) - published index and index with new weights.

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