

## Sample calculation

Calculation of the equivalent purchasing power (PP) of one euro (€) from March 2003 in May 2018:

$$\begin{aligned} PP_{5/2018} (\text{€})_{3/2003} &= \text{€}1 \times \frac{\text{Price index}_{2015=100} \text{ 5/2018}}{\text{Price index}_{2015=100} \text{ 3/2003}} \\ &= \text{€}1 \times \frac{103.9}{83.6} \\ &\approx \text{€}1.24 \end{aligned}$$

Note:

Purchasing power equivalents for amounts from other years can be calculated using the consumer price index time series on the basis of 2015 = 100.

[https://www.bundesbank.de/dynamic/action/en/statistics/time-series-databases/time-series-databases/759784/759784?listId=www\\_s311\\_lr\\_vpi](https://www.bundesbank.de/dynamic/action/en/statistics/time-series-databases/time-series-databases/759784/759784?listId=www_s311_lr_vpi)