

### Chapter 3 Calculation of the prices in the base period ( $P_0$ )

#### Calculation of the prices in the base period

Prices in the base period ( $P_0$ ) are the simple arithmetic means of monthly prices in the comparison period ( $P_t$ ) from January to December of the base year (2020). If some of the monthly prices in the comparison period are unavailable (“missing”), only available monthly prices are included in the calculation.

$$P_{0,i,j} = \frac{1}{M_{i,j}} \sum_t P_{t,i,j}$$

(0: Base period,  $M$ : Number of months where prices exist,  $t$ : Month,  $i$ : Item,  $j$ : Municipality)

The prices of fresh food are calculated as weighted arithmetic means using monthly weights ( $w$ ). If some of the monthly prices in the comparison period are unavailable (“missing”), only available monthly prices are included in the calculation.

$$P_{0,i,j} = \frac{\sum_t P_{t,i,j} w_{t,i,j}}{\sum_t w_{t,i,j}}$$

( $w$ : Weight)