



TRADE SALES VOLUME INDEX

METHODOLOGICAL DOCUMENT

SHORT TERM BUSINESS STATISTICS DEPARTMENT

1. Basic definitions and concepts

The trade sales volume index measures the sales volumes of enterprises of different types and sizes operating in the trade sector on monthly basis. The retail sales volume index published under this press release is considered as an indicator of consumer confidence and household demand. Indices are produced in volume (at fixed prices).

These indices cover “45- Wholesale and retail trade and repair of motor vehicles and motorcycles, 46- Wholesale trade, except of motor vehicles and motorcycles, ,47- Retail trade, except of motor vehicles and motorcycles” sectors according to NACE Rev. 2 economic activity classification. In the press release annex, volume indices at two and three digit levels for these sectors and special groups for retail trade are shared.

Using the results of the "Annual Turnover Survey by Products", the product structure of each sector is determined and deflators for these sectors are calculated with appropriate price data. Turnover values at four digit activity level are adjusted for price changes using these deflators. Thus, the trade sales volume index is obtained at fixed prices.

The following price indices are used to deflate the turnover of the Section 45- Wholesale and retail trade and repair sector of motor vehicles and motorcycles;

- Consumer Price Index
- Domestic Producer Price Index
- Non-domestic Producer Price Index

The following price indices are used to deflate the turnover of the Section 46- Wholesale trade, except of motor vehicles and motorcycles;

- Consumer Price Index
- Domestic Producer Price Index
- Non-domestic Producer Price Index
- Agricultural Products Producer Price Index

Consumer Price Indices and average price data are used to deflate the turnover of the Section 47- Retail trade, except of motor vehicles and motorcycles sector.

The "retail sales volume index", previously published with the Retail Sales Indices press release is published under this press release with the base year updated as 2021.

2. Base Year and Calculation Change of Retail Sales Volume Index

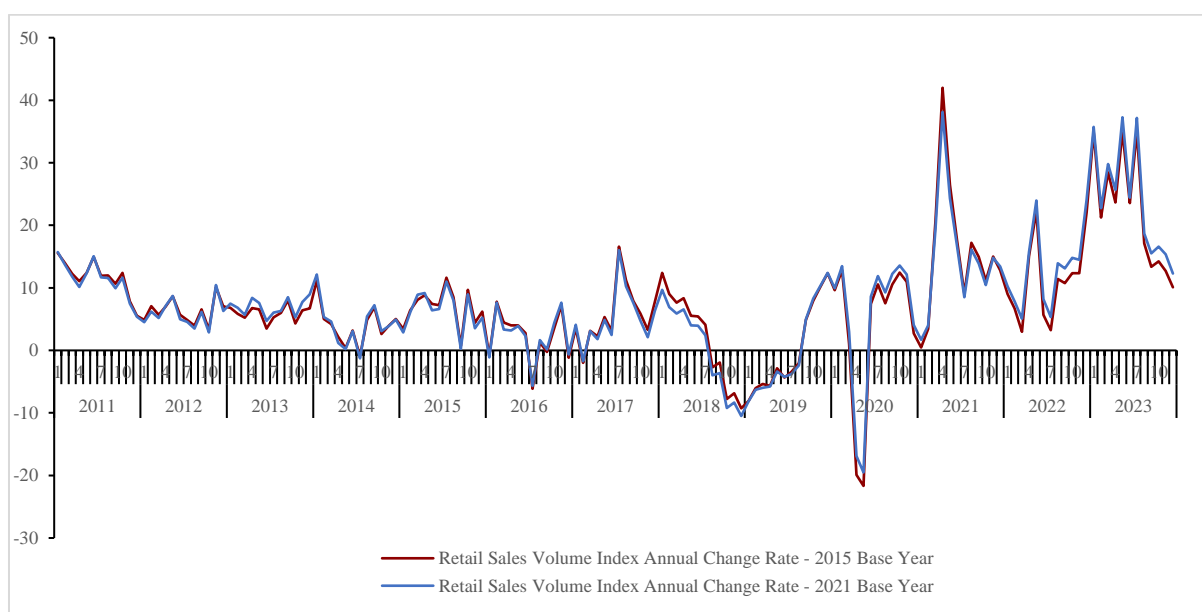
According to the EU Business Statistics regulation; the base year of the indices produced within the scope of Short-Term Business Statistics are renewed in years ending with 0 and 5 and are published in the third year following the base year. Due to the pandemic that started in 2020, the base year was determined as 2021 by the EU Statistical Office. Accordingly, the base year, which was 2015 in the previously published indices, was updated to 2021.

A change has been made in the calculation of the 2021 base year retail sales volume index, and the deflating process, which was done at the three digit, four digit and special groups activity level in the 2015 base year indices, has started to be performed at the four digit activity level. Moreover; changes in the data source and changes in the main activities of the enterprises in 2021 and beyond are reflected in the indices. Therefore, all indices have been revised since 2010.

3. Retail Sales Volume Index Revision Size

The changes in the index values of the two base years compared to the same month of the previous year are shown in the chart below. The difference is due to the differences in calculations, changes in the data source and changes in the activities of the enterprises.

Figure 1. Effects of the changes on the annual rates of change of retail sales volume index



4. Trade Sales Volume Index Press Release will be published on the following dates in 2024.

Trade Sales Volume Index, January 2024	11.03.2024
Trade Sales Volume Index, February 2024	16.04.2024
Trade Sales Volume Index, March 2024	13.05.2024
Trade Sales Volume Index, April 2024	11.06.2024
Trade Sales Volume Index, May 2024	11.07.2024
Trade Sales Volume Index, June 2024	12.08.2024
Trade Sales Volume Index, July 2024	11.09.2024
Trade Sales Volume Index, August 2024	11.10.2024
Trade Sales Volume Index, September 2024	12.11.2024
Trade Sales Volume Index, October 2024	11.12.2024

5. The following tables are published with the Trade Sales Volume Index Press Release

Trade Sales Volume Index (2021=100)

Retail Sales Volume Index, Special Groups (2021=100)