



TURNOVER INDICES

BASE YEAR CHANGE

SHORT TERM BUSINESS STATISTICS DEPARTMENT

1. Basic Definitions and Concepts

Turnover is an important short term indicator used in the assessment of the economic situation in our country. Turnover Indices are calculated to follow the changes of this concept which is composed of sales of goods and services invoiced by the enterprise in the reference month over time, to monitor the development in quarterly and yearly basis and to form a resource for various researches for the turnover of the enterprises.

Turnover indices are produced in accordance with the European Union (EU) Business Statistics regulation. The data source is the Revenue Administration No. 1 Value Added Tax Declaration data and the Special Consumption Tax declaration data.

Classification of Economic Activities (NACE Rev.2) and Classification of Main Industrial Groupings (MIG's) are used in the European Community.

Since the entire population is reached through administrative data, no weight is used in the index calculation. A simple index method is used in which the totals at each level are calculated by proportioning the base year average of the relevant level.

2. Base Year and Change

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.

Indices before 2021 were withdrawn with the 2015 base year index rates, and turnover indices for 2021 and subsequent years were recalculated. In this context; changes in administrative record data and activity changes of enterprises are reflected in the indices for 2021 and subsequent years.

3. Methodological Change

The reporting unit, which is enterprise for turnover indices in the European Union regulation, has been changed to the kind of activity unit with the latest regulation. Indices with base year 2021 are calculated based on kind of activity unit.

4. Press Release Tables Changes

The "Retail Turnover Index" included under the "Retail Sales Indices Press Release" is published under this press release with the table name "Retail Turnover Index, Special Groups".

5. Revision Length

Indices before 2021 have been withdrawn using 2015 base year index rates. In this context following indices are revised;

- Total industrial turnover index, domestic industrial turnover index, non domestic industrial turnover index until 2005
- Construction, trade and service turnover indices until 2009
- Retail turnover index, special groups until 2010

There is no revision effect on the annual rates of change of the index before 2021.

6. 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 arises from the change in administrative record data, changes in the activities of the enterprises and methodological changes.

Figure 1. Effects of the changes on the annual rates of change of total turnover index

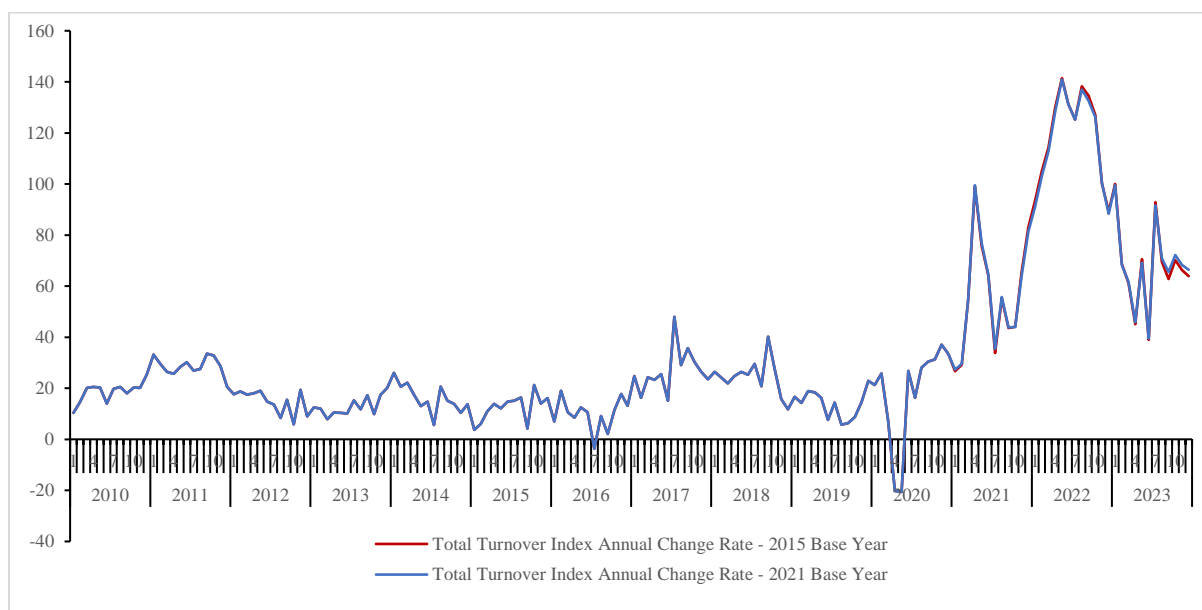


Figure 2. Effects of the changes on the annual rates of change of retail turnover index

