

The Data: Coverage, Periodicity, and Timeliness

Coverage characteristics

Purpose of the study: The study intends to track the capacity utilization rate of the enterprises in the manufacturing industry.

Data description: The capacity utilization rate of the enterprises in the manufacturing industry compiled by the Business Tendency Survey (BTS) of the reference month.

Statistical concepts and definitions:

Capacity Utilization Rate of the Manufacturing Industry (CUR): Actually realized capacity utilization rates as per the physical capacities of the enterprises in the manufacturing industry in the reference month.

Classification system: "Statistical Classification of Economic Activities" (Nomenclature Statistique des Activités Économiques) (NACE Rev.2) is used for classification of the manufacturing enterprises covered by the BTS.

Statistical population: Manufacturing industry.

Reference area: Türkiye.

Geographical level: None.

Scope of the Survey: It comprises the survey units of the Turkish Statistical Institute's (TURKSTAT) monthly manufacturing industry production index (IPI). The frame of the survey is revised in accordance with updates in the IPI.

Scope of the Survey Units: The scope of the survey is formed by applying cut-off to the total production value of the local units at three-digit sectors in the frame of Industrial Production Index (IPI) and updated every year. The local units which are liquidated, which stop production or change their activities are excluded from the scope of the survey.

Sector coverage: Two-digit manufacturing sub-sectors having codes between 10 and 33 defined by NACE Rev.2 sector classification are covered.

Capacity utilization rate statistics are provided on the basis of main industrial groupings covering durable and non-durable consumer goods, intermediate goods and investment goods classified according to the end-use of products as well as two-digit manufacturing sub-sectors having codes between 10 and 33. However, capacity utilization rates are not available for the sub-sector of manufacture of coke and refined petroleum products having code of 19, due to the statistical confidentiality principle.

Time coverage: The question of capacity utilization rate is added to the BTS in 2007 and the statistics are available since that date.

Coverage, n.e.s.: None.

Exceptional circumstances on coverage: None.

Statistical unit: Enterprises in the manufacturing industry.

Base period: None.

Reference period: Current month.

Unit of measure:

Variable/Indicator	Unit of measure
Capacity Utilization Rate of the Manufacturing Industry	Percentage

Frequency of data collection: Monthly.

Periodicity	Frequency of dissemination: Monthly.
Timeliness	Average production time for each release of data: Approximately 25 days. Responses to the survey are submitted between the 1st and 15th of each month, via web based system of the CBRT. The aggregated results of the survey are published in the last week of the reference month.
	Time lag - first results (days): 5 days before the end of the reference month.
	Time lag - final results (days): 5 days before the end of the reference month.

Access by the Public

Advance dissemination of release calendar	Data release calendar: The release calendar is announced to the public in advance and published on the first business day of each year on the website of the CBRT.
	Link to advance release calendar: Data Release Calendar
	Data release policy: The institutions and organizations which are the subscribers of the data delivery system are informed about the publication of the results just after they are made available on the website of the CBRT.
Simultaneous release to all interested parties	Simultaneous release: The statistics are released simultaneously.
	Pre-release data share with press or other specific users under special agreements: Not shared.

Integrity

Dissemination of terms and conditions under which official statistics are produced, including those relating to the confidentiality of individually identifiable information	Responsibility for collecting, processing, and disseminating statistics: The Surveys and Indices Division of the Data Governance and Statistics Department of the CBRT is responsible for collecting, processing and disseminating the statistics.
	Data sharing and coordination among data producing agencies: Not shared.
	Confidentiality of individual reporters' data: In accordance with Article 43, Paragraph 5 of CBRT Law No. 1211, as amended on April 25, 2001 by the Law No. 4651, which states that "...the Bank may not publish or disclose the statistical information having a private and personal nature nor may it submit these to any official authority or private body other than the Banking Regulation and Supervision Agency. This information shall not be used for purposes other than those of statistical nature nor as means of evidence.", the data shall be deemed as confidential and not to be disclosed to third parties.
	Staff, facilities, computing resources, and financing: A total of 7 people of whom 2 graduated in statistics work in the process of collecting, processing, controlling, analyzing and publishing the statistics as regards the BTS. When any technical problem is encountered during the preparation of the statistical data, IT Department supports immediately to solve the flaws.
	Monitoring user requirements: The "Statistics Users Survey" is conducted via the website of the CBRT once.
	Quality policy: Publishing up-to-date, reliable, timely, and transparent statistics in compliance with international standards.
	Quality monitoring: The quality of the Business Tendency Statistics in terms of compliance with the international standards was evaluated and certified by a "Quality Logo" by TurkStat in 2015.

	<p>Impartiality of statistics: Necessary measures to produce unbiased statistics are taken and representativeness as well as adequate response rates is ensured in the sub-sectors.</p> <p>Data sources: Enterprises in the manufacturing industry.</p> <p>Methodology:</p> <p>Weighting: Weighting procedure is performed at three stages in aggregating the survey results. Production values of the local units compiled as part of the industrial production index of the previous year are utilized as weights. Responses to the survey questions are weighted by the production values in the previous year and aggregated at the three-digit level, two-digit level and total manufacturing industry level of NACE Rev.2 classification at the first, second and third stages of the weighting procedure respectively. The weights are updated by using the data compiled as part of the industrial production index of the previous year once in a year.</p> <p>Modes of dissemination: Capacity Utilization Rate statistics are published on the website of the CBRT under the menu "Statistics/Real Sector Statistics" along with a report summarizing the monthly developments. The data are also available as a time series under the menu "Statistics/Electronic Data Distribution System (EDDS)".</p> <p>Commenting on erroneous interpretation and misuse of statistics: After the data is published, media is tracked regularly in order to prevent misuse of data.</p> <p>Disclosure of terms and conditions for statistical collection, processing, and dissemination: Responses to the survey are submitted between the 1st and 15th of each month, via web based system of the CBRT. The aggregated results of the survey are published in the last week of the reference month.</p> <p>Seasonal adjustment: Seasonal adjustment procedure of the CUR series is carried out by using TRAMO-SEATS method. The indirect method is implemented for seasonal adjustment of the series. In this procedure, the sub-sectors that show seasonality and/or calendar effects are seasonally adjusted and then their weighted average is taken.</p> <p>Legal acts and other agreements on collection, processing, and dissemination of statistics:</p> <ul style="list-style-type: none"> • Article 43, CBRT Law No. 1211, as amended on April 25, 2001 by the Law No. 4651 • Turkish Statistics Law No. 5429 - Official Statistics Program
Identification of internal government access to data before release	None.
Identification of ministerial commentary on the occasion of statistical releases	Statistics are published along with a report without any interpretation.
Provision of information about revision and advance notice of major changes in methodology	<p>Revision schedule: CUR statistics are not subject to revision, and therefore there is no any revision schedule.</p> <p>Identification of preliminary and/or revised data: The responses received are not taken into consideration and the results are not revised after the survey period. Regarding the seasonally adjusted CUR series, model structure, model parameters and outlier observations are reviewed and updated every year but backward revision of the series is not applied.</p> <p>Advance notice of major changes in methodology, source data, and statistical techniques: Major changes in methodology and statistical techniques are announced on the website of the CBRT in advance.</p>
Quality	
Dissemination of documentation on methodology and	The documentation on methodology used in preparing the statistics is available under the related heading on the website of the CBRT.

sources used in preparing statistics	
Dissemination of component detail, reconciliations with related data, and statistical frameworks that support statistical cross-checks and provide assurance of reasonableness	Internal consistency: Consistency checks are made systematically. Statistics in the same data set are internally consistent with each other.
	Temporal consistency: Comparable time series starts from 2007. Detailed information about the statistics for the period between 1991 and 2006 compiled by TurkStat can be found at the following link: Methodological Changes
	Intersectoral and cross-domain consistency: The Capacity Utilization Rate statistics are consistent with other data sources or statistics.

Notes

Last posted	
Last certified	
Last updated	24/04/2025