

Consumer Prices Index Household Rental Prices Survey With CATI Method in TURKSTAT

UNECE Conference of European Statisticians
Workshop on Statistical Data Collection 'Resourceful Data Acquisition'
10-12 October 2018, Geneva, Switzerland

Methodology

As of the date of January 2018 the data collection method of CPI Household Rental Prices Survey has begun to CATI method in which the data collected by centrally. The survey is carried out in 81 city centers and 221 counties country wide. The number of the samples for the survey is determined as 4274 for the year of 2018.

Methodology

- The main framework of the rental prices survey the numbers of the samples and the specifications of the rental houses for the each Regional Office is determined by the CPI Unit and conducted to the regional offices.



Data Collection Process

- The CATI operators in The Central Data Collection Unit begin to call the tenants according to the Contract month and the last change date in four months periods.
- In such circumstances like incompatibility about the rental price, wrong phone number, any discrepancy about the specifications of the house or the respondents' decline the survey, the incoherent data is reported to contact person in the regional directorate to arrange a face to face meeting with the tenant.



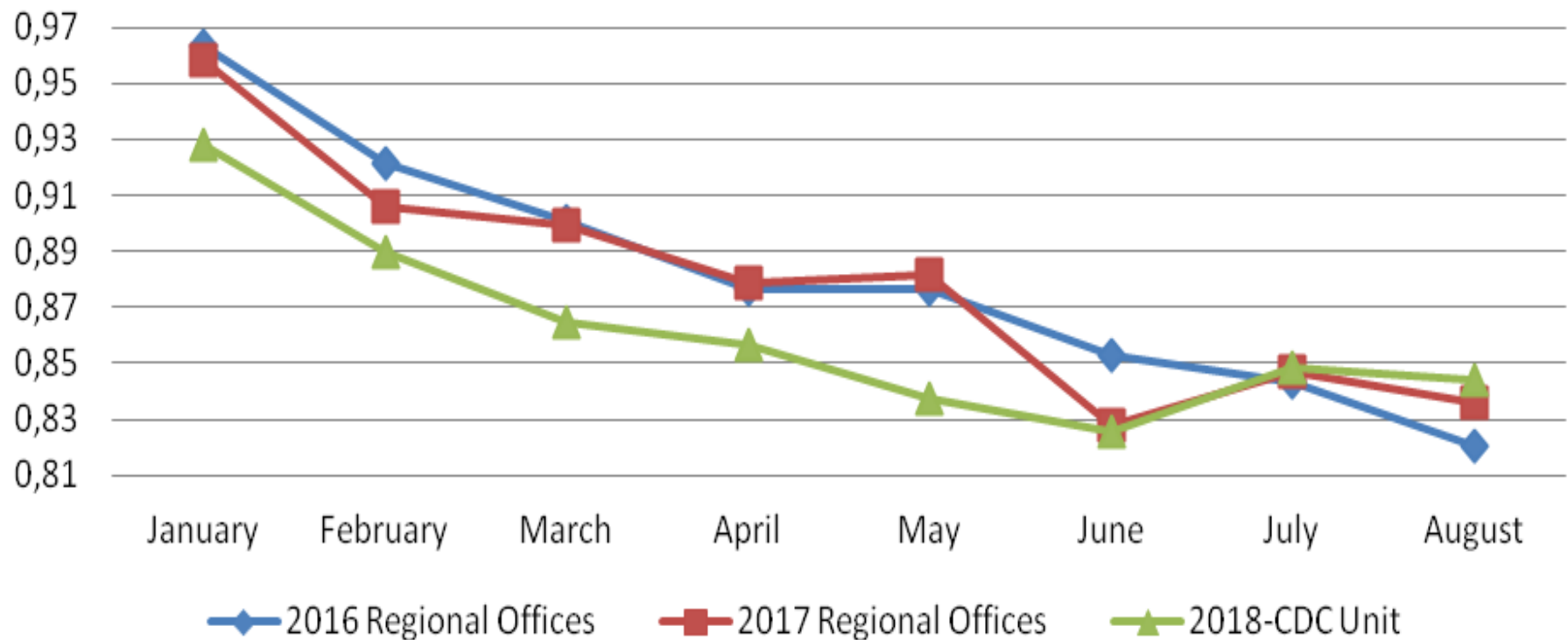
Data Collection Process

- If it turns out to be an error in the data, the rental house is replaced immediately with another house having the same specifications. The new house and the information about the tenant is updated within the dataset.
- After monthly phone calls are completed, the data is analysed, controlled and relistened the recorded phone call if necessary by the experts in CDC Unit .
- Finally the controlled dataset is submitted to subject matter unit for the last controls and the calculation of the CPI.



According to 8 Months Diagram of the Access Rates to the Tenants Data Collection with the CATI Method in CPI Household Rental Prices Survey

2016-2018 Access Rates to the Tenants (January-August)



The Outcomes Of The Practice

- Acquisition of knowledge about central data collection via CATI method
- Feasible standards in data collection practice between the regional directorates
- Provide convenience on the job-training
- Improve the cooperation between central office and regional directorates
- Observe CATI method for the next large scale surveys
- More effective accessibility to the respondents



The Strengths of Using CATI Method in CPI Household Rental Prices Survey

- Reducing the cost of fieldwork
- Reducing the cost of employees/ All the job is made by 7 operators and two experts
- Reducing the workload of the regional directorates
- Increasing efficiency
- With central data collection the same standards has been set for the job
- Due to recording of the phone calls, the quality of the data can be controlled.

The Weakness of Using CATI Method in CPI Household Rental Prices Survey

- The communication with the respondent is limited
- If the phone number of the tenant is false it becomes unreachable from central office
- The need for regional staff assist in case of error in data
- The tenant can block the Turkstat phone number in such circumstances
- Regional differences and some other detail expenses with the house could make data collection harder.

Results

- The strengths and weaknesses in data collection were determined in the transition attempts to CATI method.
- The reactions of the respondents for data collection by phone were also determined. In addition, mostly positive results were obtained.
- As a survey results, Cati method has been found to be a suitable for Turkey.
- CPI Household Rental Prices Survey provided a base for studies such as Household LFS which is planned to collect data via CATI method in the next years.

Thank You

Zübeyir ÖZÇELİK (zubeyirozcelik@tuik.gov.tr)

