TurkStat
Quality Checks and
Qualty Reports

Institutional Qualty Reports

Turkish Statistical Institute is responsible for providing statistics to the decision makers, researchers and users according to the international standards in line with principles of reliability, consistency, impartiality, statistical confidentiality, timeliness and transparency.

The basic principles are ensuring the accuracy of official statistics, presenting the data to all users on the same time and on impartial base, respecting the principles of confidentiality and protecting the rights of the public to access the information.

Institutional Qualty Reports

European Statistics Code of Practice-Quality Components and all statistics disseminated by Turkstat were taken into consideration while structuring the context of institutional quality report; the principles and components of Turkstat's compliance with COP were determined.

The quality report contains all statistical processes and outputs. Statistical process refers to sampling survey, census, usage of administrative records, forming economic indexes and statistical data collection. The concept of quality report isn't finite. In other words; it has continuous. Therefore, the quality report provides a thorough explanation concerning the whole statistical process from the production of data till the presentation of data. Moreover, it contains the necessary proposals and concerning reasons for the development of quality.

Institutional Qualty Reports

Institutional Quality Report was created by taking views of departments in the institution. This form contains information about statistics published by departments according to European Commission Quality Principles and indicators expected to be computed with respect to these principles

Institutional Qualty Reports

1. Subject of the Statistics
2. Contact Organization Department
3. Contact Organization Unit
4. Contact Name
5. Objective of Statistics
6. Confidentiality Policy
7. Data Source(s)
8. Frequency of Dissemination
9. Date of preparation
10. Frequency of data collection
11. Data Collection Method(s)
12. Reference Period
13. Survey Coverage
14. Classifications Used
15. Type of Data Source(s)
16. Statistical Unit
17. Sampling/Census Unit(s)
18. Estimation Level
19. Frame(s)
20. Sampling Method
21. Sample Allocation Method
22. Estimations and Notations
23. Data Completeness Rate
24. Name of the Main Variable
25. Data revision - average size
26. Timeliness (first results)
27. Timeliness (final results)
28. Punctuality – delivery, publication
29. Number of Metadata Consultations
30. Metadata Completeness Rate

Institutional Qualty Reports

31. **Number of Data Tables- Consultations**
32. **Dissemination format (CD, WEB, publications etc.)**
33. **Length of comparable time series**
34. **Over Coverage rate**
35. **Common unit rate**
36. **Unit non-response rate**
37. **Item non-response rate**
38. **Unit imputation rate and calculation method**
39. **Item imputation rate and calculation method**
40. **Quality control studies**

Institutional Qualty Reports

Qualty Check

The Purpose of Quality Check Operations

The process of quality check operations of field surveys via CATI is simply based on the control of whether the data collected from field by field interviewer are the same with the data collected via check operations on the phone by operator for the same reference respondent and time. Main purpose of quality control is to monitor, to measure and to raise the quality level of field interviewers and surveys using the data collected with CATI technology. These operations contribute to both supporting to produce higher quality data and presenting more reliable information to users.

Qualty Check

The Reasons of Choosing CATI as Data Collection Mode for Quality Checks

At the stage of data collection of statistical production process, among the most important reasons of choosing CATI mode for the reason of measuring quality of data collected by interviewers; gathering control results very fast and easily with a low cost, need for relatively less workers, controlling the whole process from one center and providing more standardized data.

Qualty Check

Quality Check Reports

Quality check reports are formed by using the results of analyses being done after surveys' quality check operations. These reports are prepared at the level of regional offices, interviewers and qualifications of interviewers at current period and cumulatively and reported to relevant departments and top management.

Qualty Check

Conclusion

The main goal of quality check operations in TurkStat, to observe, to report and to size the inconsistency values of statistics gathered in field work that is a part of production process. Thus with the feedback in the process and problems will be able to lessened. The other goal is to find and to recover the statistics published by TurkStat, statistical production process, the methods and, if there are, weakness with the participation of departments. In this respect quality check with CATI is an inevitable part of statistical process in TurkStat.

Thank You