TurkStat’s Quality Logo Process
Content

- Legal Basis
- General Information
- National Quality Principles
- Official Statistics Assessment Form
- Quality Logo Process
- Outputs of Quality Logo Process
Legal Basis

- Statistics Law of Turkey No.5429, (2005) Article 18 (h)
- Regulation on Foundation of Data Quality Control Board and its Working Procedure and Principles (Article 6)
General Information

- Quality Principles and Standards prepared
  - 10 principles
  - 16 standards
  - 41 indicators

- The questionnaire and checklist

- Evaluation process

- Trainings
National Quality Principles

Structural quality
- Adequacy of Resources
- Impartiality and Objectivity
- Statistical Confidentiality

Process quality
- Sound Methodology
- User focus
- Appropriate Statistical Procedures
- Accuracy and Reliability

Product quality
- Timeliness
- Coherence and Comparability
- Accessibility and Clarity
Official Statistics Assessment Form

- Includes 8 parts:
  - General Information
  - Data Sources and Cooperation
  - Determining User Needs
  - Data Collection
  - Classifications
  - Data Processing and Analysis
  - Official Statistics Dissemination
  - Opinions and Suggestions

- Self-assessment
- 54 questions
- Through control checklist it is an evidence-based system
SDG Statistics Assessment Form

- Includes 7 parts:
  - General Information
  - Data Sources and Cooperation
  - Determining User Needs
  - Data Collection
  - Classifications
  - Data Processing and Analysis
  - Official Statistics Dissemination

- Self-assessment
- 35 questions
- Through control checklist it is an evidence-based system
Quality Logo Process

1. **Formal Request**
   - ONAs apply with formal request to TurkStat for official statistics which they produce.

2. **Information Meeting**
   - An information meeting is organized by TurkStat.

3. **Questionnaire**
   - Official Statistical Assessment Form and Checklist are carried out.

4. **Evaluation**
   - TurkStat’s subject matter group and quality group evaluate the Questionnaire and checklist in line with principles and standards.

5. **Confirmation**
   - TurkStat’s Data Quality Control Board confirms giving Quality Logo to official statistics.

6. **Quality Logo**
   - Quality Logo is given to official statistics for 5 years.
Outputs of Quality Logo Process

1. Evaluation Questionnaire
2. Quality Assessment Report
3. Metadata document
4. Quality Improvement Action Plan
5. Quality Assurance Statement
6. Quality Certificate
An Example: National Education Statistics of Turkey

# Quality Evaluation

<table>
<thead>
<tr>
<th>Principle</th>
<th>Criteria</th>
<th>Question</th>
</tr>
</thead>
<tbody>
<tr>
<td>Relevance</td>
<td>Status of official statistics on meeting user needs</td>
<td>Q1-Q7-Q8-Q19-Q28</td>
</tr>
<tr>
<td></td>
<td>Regular monitoring and evaluation of user needs</td>
<td>Q9-Q10-Q11-Q13-Q14-Q15-Q16</td>
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<td></td>
<td>Reflection of user needs on the strategic plan, work program or activity plan</td>
<td>Q12</td>
</tr>
<tr>
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<td>The level of cooperation with institutions / organizations to meet user needs</td>
<td>Q3-Q4-Q5</td>
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## Quality Evaluation

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<tr>
<td>Accuracy and reliability</td>
<td>Data source suitability for statistical use</td>
<td>Q18-Q19-Q20-Q21-Q22-Q23</td>
</tr>
<tr>
<td></td>
<td>Correction of data source after control</td>
<td>Q27</td>
</tr>
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<tr>
<td>Timeliness</td>
<td>The relevance of the period between the publication period of the official statistics and the reference period of the data</td>
<td>Q34</td>
</tr>
<tr>
<td></td>
<td>Whether or not status of official statistics publishing timing meets user needs or not</td>
<td>Q28</td>
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<tr>
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<td>Publication of official statistics in accordance with NDRC</td>
<td>Q34</td>
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<td>Announcement of changes on publication date to the public</td>
<td>Q35</td>
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<tr>
<td>Consistency and Comparability</td>
<td>Consistency of statistical data</td>
<td>Q26-Q33</td>
</tr>
<tr>
<td></td>
<td>Consistency of definitions, concepts, classifications and coding used in different data sources</td>
<td>Q16-Q18-Q20-Q24-Q25</td>
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<td>Comparable time series availability and consistency</td>
<td>Q2-Q29</td>
</tr>
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<tr>
<td><strong>Accessibility and Clarity</strong></td>
<td><strong>The presentation of official statistics to the user by using information technologies</strong></td>
<td>Q30</td>
</tr>
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<td><strong>Users' easy access status to official statistics</strong></td>
<td>Q31</td>
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<tr>
<td></td>
<td><strong>Metadata documentation availability and actuality</strong></td>
<td>Q32</td>
</tr>
<tr>
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<td><strong>User accessibility to the metadata</strong></td>
<td>Q32</td>
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<tr>
<td></td>
<td><strong>Metadata compliance to the standards</strong></td>
<td>Q33</td>
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Thank you

Teşekkürler

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