Assessing the quality of crime statistics

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• Analyzes the quality of every phase of statistical projects, to verify its methodological soundness and its compliance with the United Nations Fundamental Principles of Official Statistics

Objectives:

• Improve the collection and data production process
• Increase use of official statistics by the society
• Promote statistical culture
What criteria are considered to assess the Statistical Quality?

<table>
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<tr>
<th>Relevance, Impartiality and Equal Access</th>
<th>Professional Standards, Scientific Principles and Ethics</th>
<th>Accountability and Transparency</th>
<th>Prevention of Misuse</th>
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<td>Sources of Official Statistics</td>
<td>Confidentiality</td>
<td>Legislation</td>
<td>National Coordination</td>
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<td>Use of International Standards</td>
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<td>International Cooperation</td>
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Stages of the Statistical Production Process

1. Planning
   - Legal framework, users needs, work plan, relevance, etc.

2. Design
   - Methodological framework, collection process design, definition of processing and analysis stages, production systems, workflows, etc.

3. Construction
   - Construction and/or improvements to data collecting tools, review, processing, coding, validation and imputation processes, dissemination products, workflows, pilot testing, etc.

4. Collection
   - Activities related to collecting information, training reports, actual collection, information entry/registry, manual or electronic resources, etc.

5. Processing
   - Statistical operation processing, codification, validation plan, technical scorecard of indicators, etc.

6. Analysis
   - Interpretation of statistical processes results, descriptive, comparative and trends analysis.

7. Dissemination
   - Dissemination plan and standards for dissemination.

8. Archive
   - Filing mechanisms, repositories and confidentiality protocols.

9. Evaluation
   - Internal Evaluation and use statistical information in policy making.
Who makes the Statistical Quality Assessment?
Main products

• Improvement plans with specific recommendations on:
  • Methodology
  • Statistical process
  • Statistical production
  • Use of information for policy purposes

• Work plan for key and priority improvements
Thank you!

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