



Preliminary Progress Report of the Conference of European Statisticians Census Task Force on Quality Assessment and Quality Management

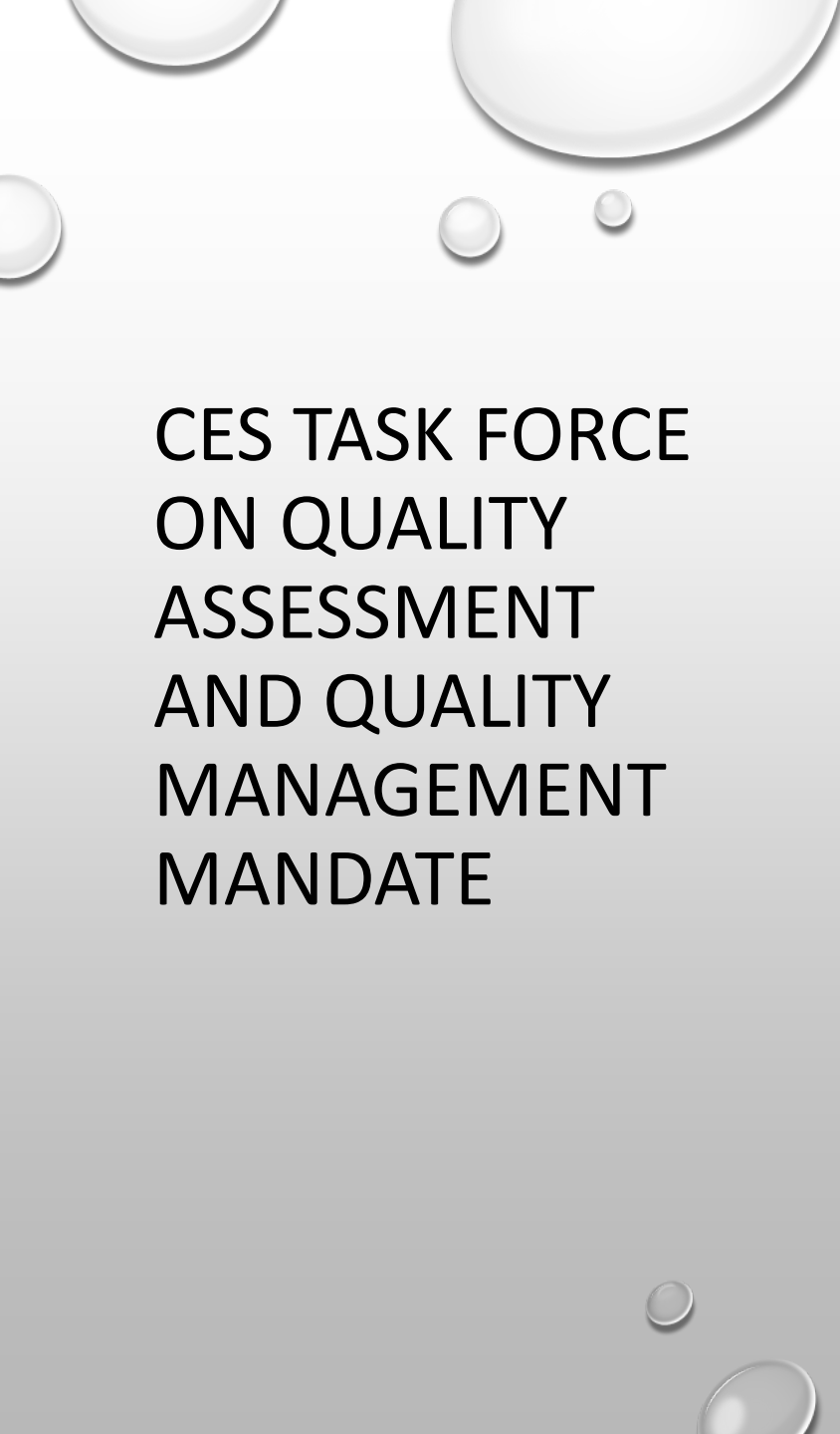
Group of Experts on Population and Housing Censuses - Twenty-fifth Meeting
Geneva, Switzerland | 20-22 September 2023

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CES TASK FORCE ON QUALITY ASSESSMENT AND QUALITY MANAGEMENT

- Chaired by Donatella Zindato of Italy
- Membership from Argentina, Germany, Italy, Mexico, Netherlands, Serbia, United Kingdom, United States, and the United Nations Statistics Division
- Conducted a number of meetings since November, 2022
- Initial focus on modifications to the questionnaire of the United Nations Economic Commission for Europe survey on country practices



CES TASK FORCE ON QUALITY ASSESSMENT AND QUALITY MANAGEMENT MANDATE

Mandate: Update the 2020 CES *Recommendations for Population and Housing Censuses*

- Chapter IV, Quality Management
- Annex III, Quality Management Programme Implementation

Relevant and necessary updates and additions in the following areas

- Six dimensions of quality
- Five main components of the quality management framework
- Ensuring quality in an outsourcing environment

AN INCREASING DEMAND FOR DATA QUALITY METHODS AND METRICS

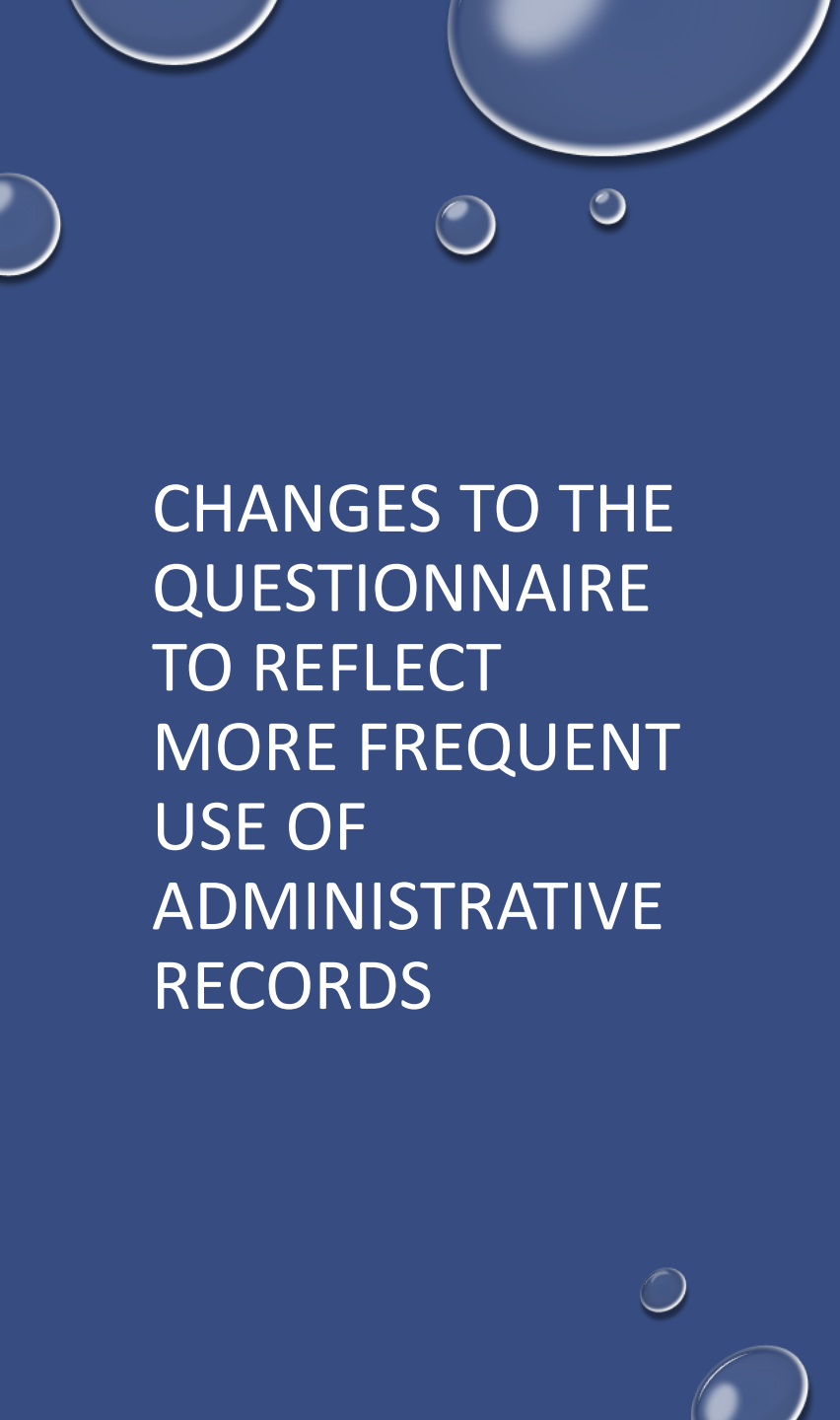
Stakeholders will continue to request more transparency about the quality of census data

- Need for the quality management programme to become more robust
- Need for the National Statistical Offices (NSOs) to allow stakeholders increased understanding and additional access to information about the methods, approaches and metrics used to assess data quality
- Need for the information to be provided in a more timely manner

FOCUS OF THE TASK FORCE DISCUSSIONS

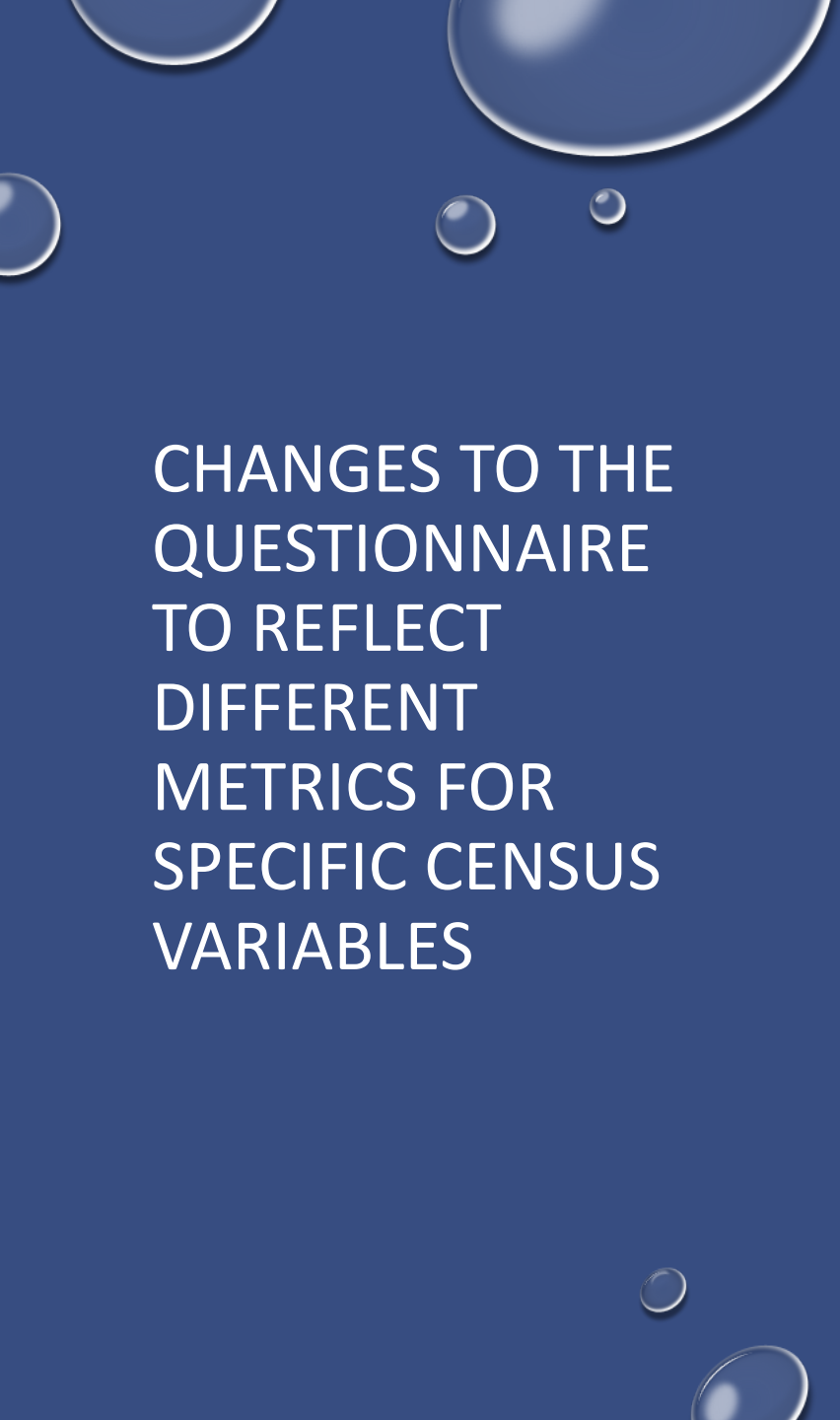
Responses to the survey will enable the task force to develop recommendations that are more tailored towards the different methods and what they are most commonly used to measure

1. Measuring quality and how metrics might differ for traditional censuses, register-based censuses, and those censuses that are a combination of both
2. Determining which methods are effective for measuring quality
3. Highlighting the increased use of record linkage
4. Assessing the impact of editing and imputation on census results



CHANGES TO THE
QUESTIONNAIRE
TO REFLECT
MORE FREQUENT
USE OF
ADMINISTRATIVE
RECORDS

- Captured the increasing use of administrative sources
- Acknowledged that the quality measures for administrative sources can be the same or different from the traditional ones
- Added a new question for register-based/combined censuses: How do you measure accuracy?



CHANGES TO THE QUESTIONNAIRE TO REFLECT DIFFERENT METRICS FOR SPECIFIC CENSUS VARIABLES

- Acknowledged that data sources used for the computation of the population count can be different from sources used for other census variables
- Proposed that the use of administrative data might be limited to census variables other than the count
- Made the explicit distinction between quality measurement methods for the population count versus for “other” census information
- Added clarifications “quality, coverage and content” to account for the inclusion of questions on the measurement of content error

CHANGES TO THE QUESTIONNAIRE TO CAPTURE OTHER QUALITY RELATED INFORMATION

- Added a question to capture whether some countries make adjustments to the census counts
- Added a question to capture if countries set targets for the measures and potentially share them with stakeholders
- Added a question to collect detail for requirements around the development and production of those targets.
- Requested that countries specify targets, if possible
- Based on the increasing number of data sources used for census compilation, questions will:
 - Account for differences between editing survey data and editing when different sources are integrated
 - Ask about the need for quality measures of data linkage

NEXT STEPS

STARTING FROM
OCTOBER/NOVEMBER
2023

Analyze Survey Responses

- Document current practices, highlight emerging issues, and discuss common deviations from the 2020 recommendations.

Develop Proposal for 2030 Recommendations

- Develop revision informed by the results of the survey and by the issues identified as relevant within the task force
- Provide detailed explanations of changes and why
- Submit to the steering group and present in draft form to the 2024 census expert meeting
- Consider adding additional detail on register-based and combined censuses.



THANK YOU!

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