



Side event at the UN Statistical Commission

Implementation of quality assurance for official statistics in countries

Tuesday, 14 February 2023

9:00-10:15 am (EST) | Virtual

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United Nations

Department of Economic and Social Affairs

Results of the global survey on the Implementation of NQAF



NQAF Questionnaire - background

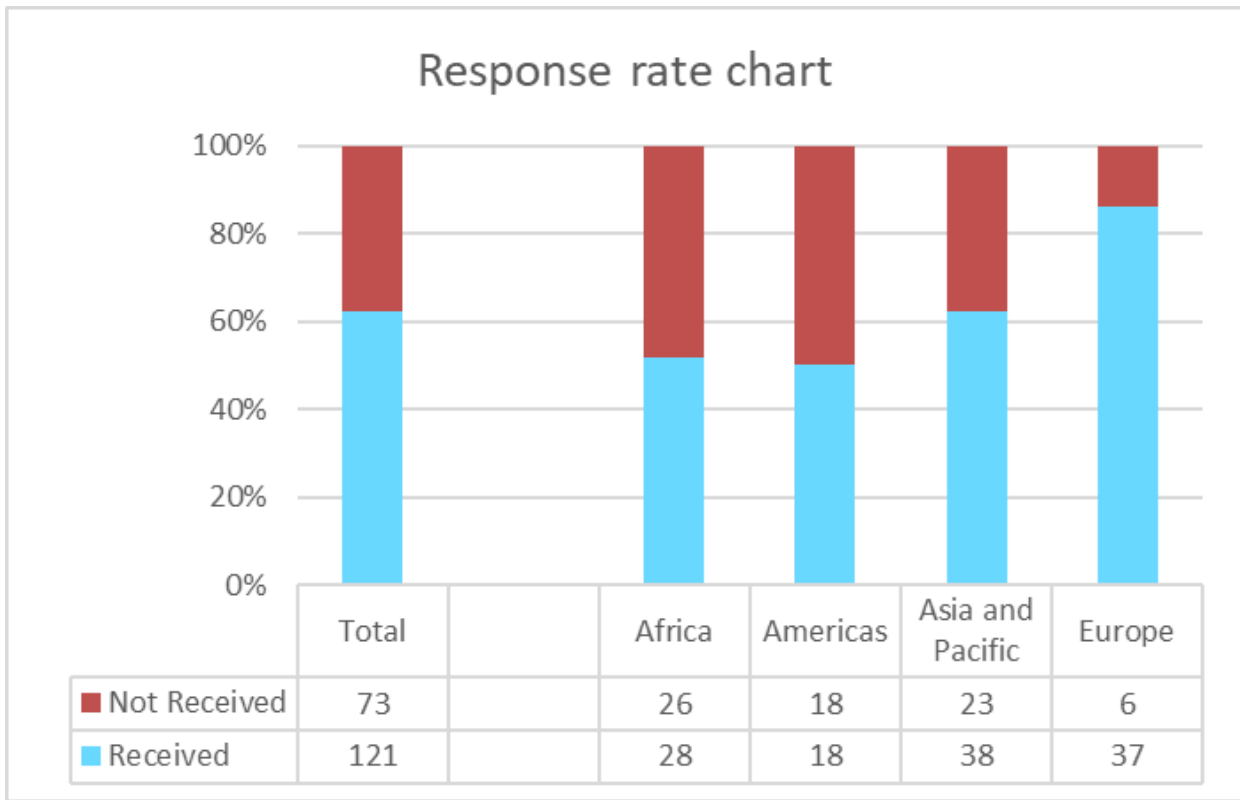
The Statistical Commission at its 52nd session in March 2021 tasked the Expert Group to conduct a follow-up survey to assess progress in the implementation of national quality assurance frameworks by national statistical systems.

→ An official invitation to fill-in the NQAF questionnaire was sent out to all Member States and one Observer State in August 2022.



General responses information

based on 121 responses to the NQAF implementation survey



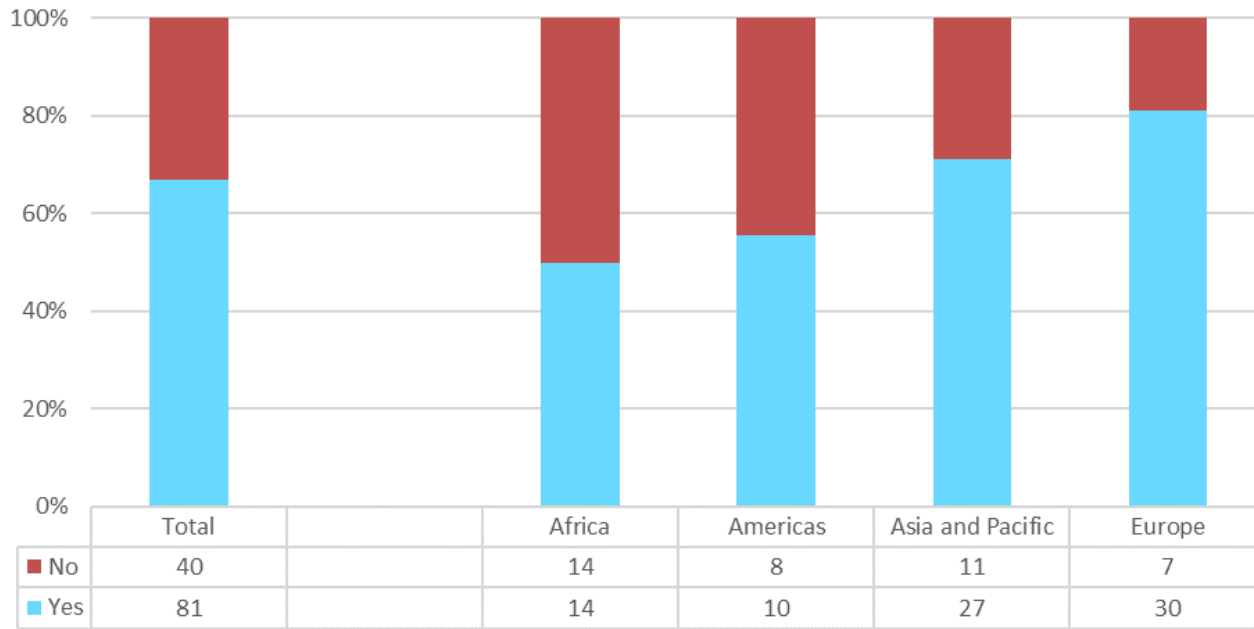
The overall response rate was about 62%. The list of respondents to the survey can be found in Annex 2. of the background note. Countries are listed by geographic regions.



NQAF implementation rate and coverage

based on 121 responses to the NQAF implementation survey

Do you have NQAF for official statistics in your country?



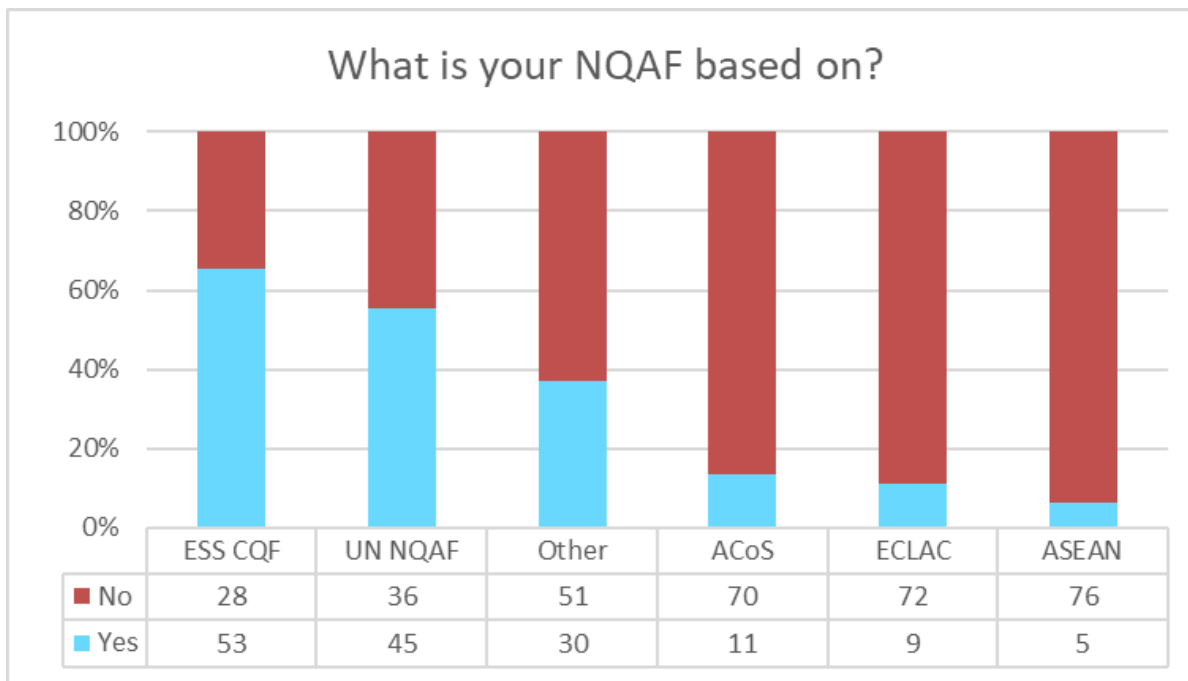
Globally, there is a **67% implementation rate, comparing with 60% implementation rate in 2017.**

Of responses who indicated they have NQAF in their countries, **about 59% cover entire NSS.**



Framework(s) that NQAF was based upon

based on 81 responses of countries who have NQAF

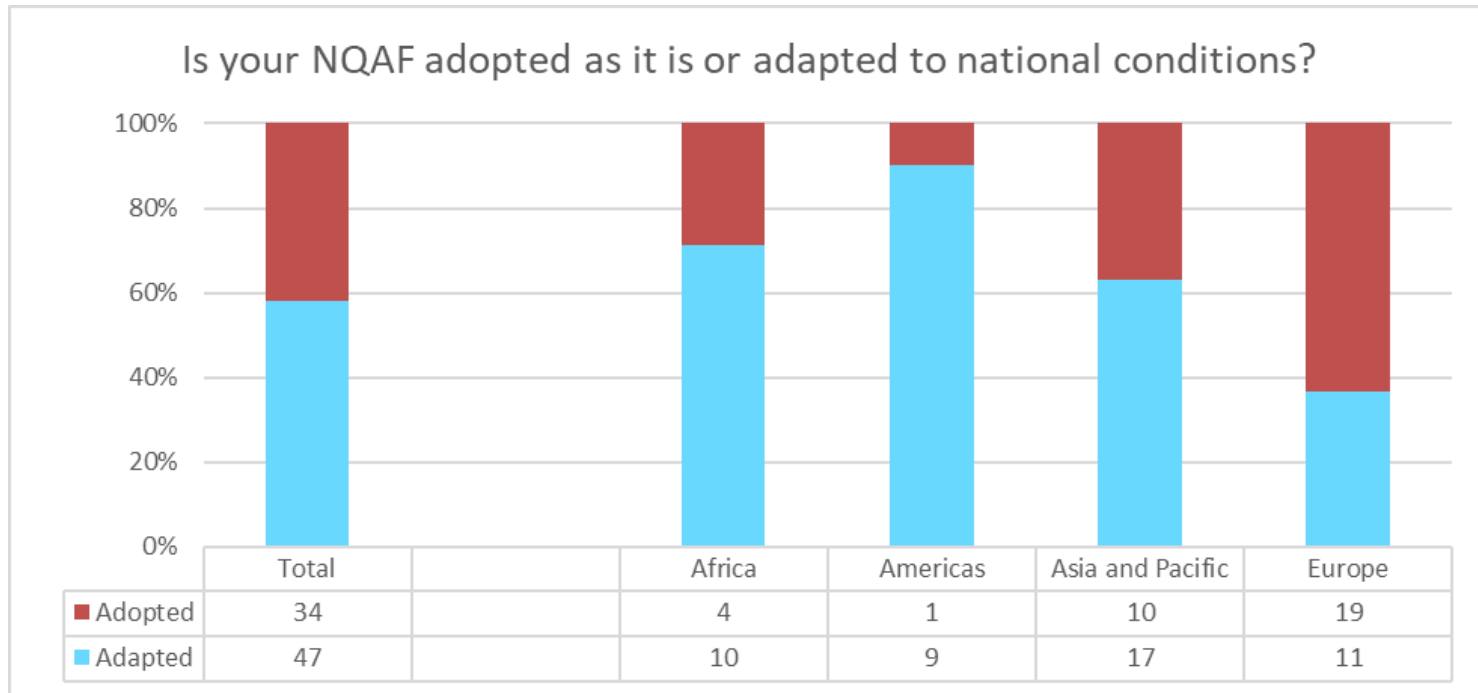


Globally, the most widely used framework used as a basis for NQAF is the **Common quality framework of the European Statistics System, including the European Statistics Code of Practice (ESS CQF)**, followed by **UN NQAF (about 75% and 63% respectively)**.



NQAF adoption and adaption

based on 81 responses of countries who have NQAF



The reference model used when creating NQAF is usually being adapted to national circumstances except for the Europe region, where most countries adopted the ESS CQF as is.



Additional information on NQAF implementation

→ Quality Principles

- Of responses who indicated they have NQAF in their countries, quality principles were included in national statistical legislation in about 89% of cases globally.

→ Quality policy

- Of responses who indicated they have NQAF in their countries, most countries (94%) have quality policies or statement of the NSO's commitment to quality, which are publicly available.



Additional information on NQAF implementation

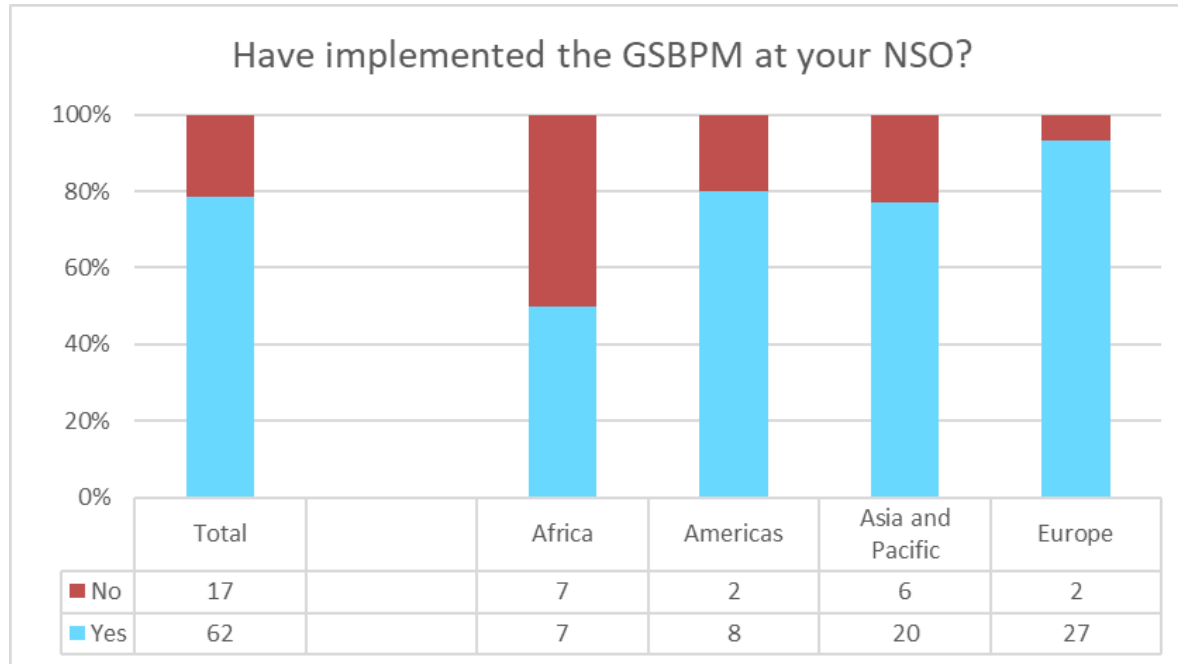
→ Quality assessment

- Of responses who indicated they have NQAF in their countries, almost all of the countries (91%) conducted a comprehensive quality assessment of their national statistical office with mostly used method of self-assessment followed by External peer review.



Implementation of the GSBPM at NSO

based on 79 responses to this question



Of responses who indicated they have NQAF in their countries, **about 78% of countries globally implemented the GSBPM at their NSOs.** However, , the existence of a regional adaptation of an earlier version of the GSBPM referred to as “statistical value chain” may have impacted the responses of countries of the Africa region in terms of countries not realizing that they use the GSBPM already.



Quality assurance for administrative data and other data sources

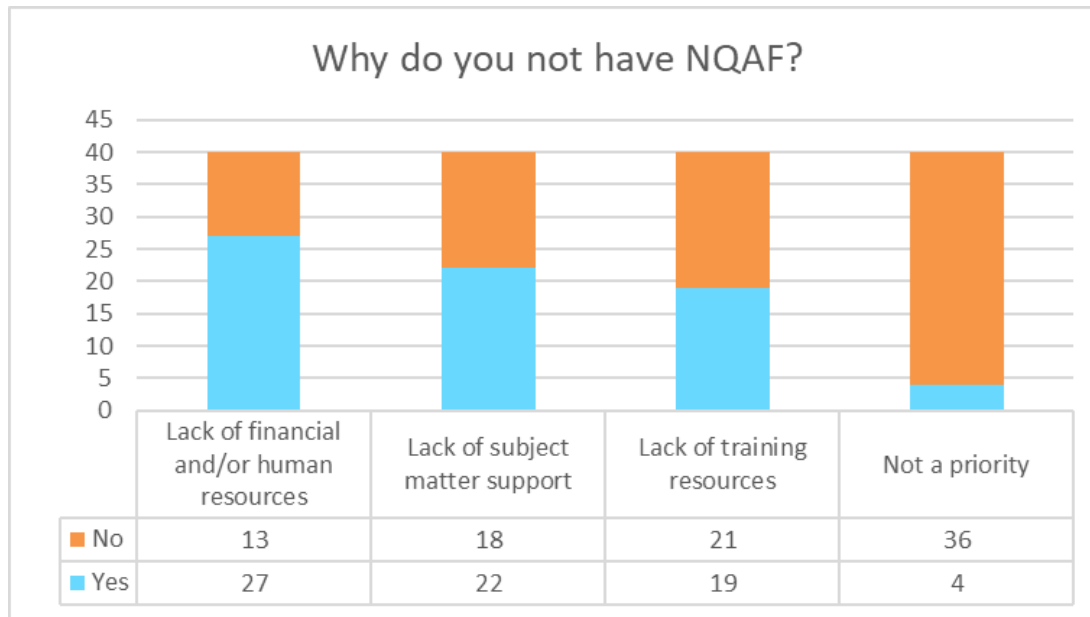
based on 81 responses of countries who have NQAF

- **More than half of countries (58%)** globally use special quality assurance frameworks, guidelines, methods or tools for the quality assessment of administrative data for the production of official statistics
- Globally, **about 42% of countries** globally use special quality assurance frameworks, guidelines, methods or tools for the quality assessment of data from other data sources used for the production of official statistics
- **Globally, special guideline** is the mostly used method for the assessment of data quality for administrative data and **special methods and tools** is the mostly used method for the assessment of data quality for other data sources.



Reasons for not having NQAF and plans to develop and implement one

based on 40 responses of countries who do **not** have NQAF



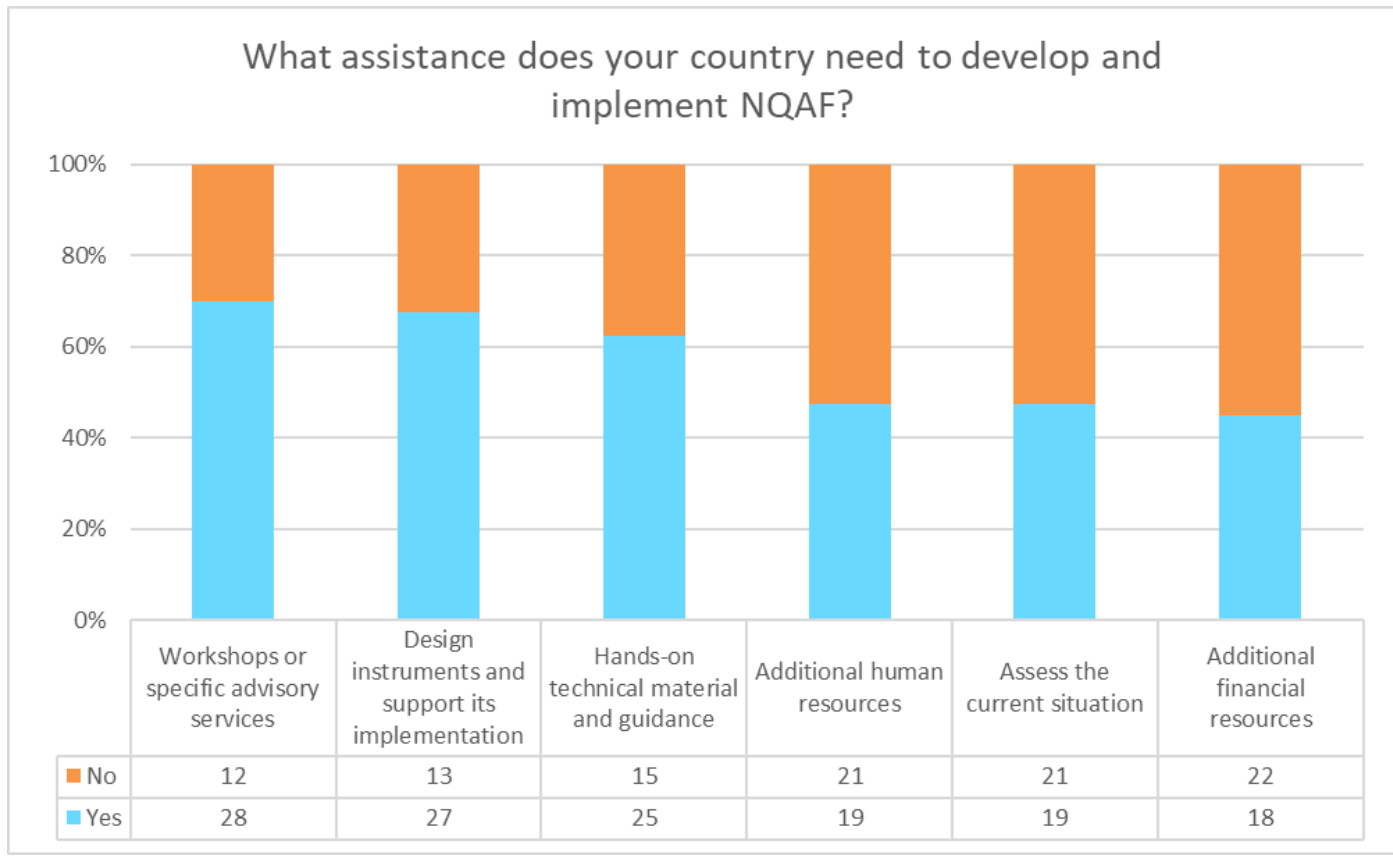
Of those responded, about 73% plan to develop and implement NQAF.

The main reasons why NQAF is not yet implemented are lack of financial and/or human resources, lack of subject matter support and lack of training resources.



Assistance needed to develop and implement NQAF

based on 40 responses of countries who do not have NQAF



Thank You



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