

Multi-dimensional approaches to data quality: The role of the NSO in managing quality of data production in the NSS

Regional Workshop:

Santo Domingo, Dominican Republic
26-30 November 2018

CONCEPT NOTE

Introduction

Data quality is fundamental to the production of reliable statistics. Managing different producers across a national statistical system can prove challenging for a coordinating agency such as the NSO. This workshop aims to provide NSOs new perspectives and tools in data quality assurance to:

- Manage data quality for various producers in the national statistical system
- Improve data quality for reporting on SDGs
- Certify data quality across data producers
- Reinforce regional practices in quality assessment of administrative and survey based data

Background

The [Regional Code for Statistical Best Practices in Latin America](#) states clearly that data quality is dependent on:

- Proper coordination of the National Statistical System
- A clearly articulated quality assurance process for the National Statistical System
- Periodic reviews of national standards and international best practice
- Quality assurance in all segments of data production
- Periodic review of data collection processes and methodology
- Use of proper codes and classification for survey and administrative data

[Goal 2 of the Strategic Plan 2015-2025 of the Statistical Conference of the Americas](#) recognises the need to *foster the development of technical and methodological capacities in order to generate high-quality statistical information*

[The 2018-2019 biennial work programme of UNECLAC](#), linked to the 10-year strategy (above), articulates various priority areas to strengthen data quality:

- National accounts, reporting agricultural statistics, disaggregation relevant to monitoring children and adolescents, monitor public security, identify people with disabilities, disaster mitigation.
- Improve the quality of household surveys in the region and increase the use of administrative data

- Harmonise statistics in the region, not only in response to country-specific demands, but also to requests for high-quality official statistics to construct indicators to monitor the Sustainable Development Goals of the 2030 Agenda for Sustainable Development
- Information Technology enhancements targeting improving data quality

Objectives of the workshop

PARIS21 and the Oficina Nacional de Estadística of the Dominican Republic (ONE), together with Statistics Canada and the Instituto Nacional de Estadística y Geografía (INEGI), are organising a regional workshop on data quality. **The objective of the workshop is to introduce data quality managers of national statistics offices in the region to quality assurance processes across producers in the National Statistical System (NSS).**

The 5-day workshop will build capacity among participants to proactively manage the quality of statistical production in the NSS, specifically through the following activities:

1. Assure participants understand the rationale for quality management and the available tools and mechanisms
2. Identify the highest propriety quality concerns and issues within their NSOs/countries
3. During the workshop, participants will draft a Quality Assurance Framework development process roadmap that is relevant for their context (individual QAFs for each NSO/country)
4. Establish (or reinforce) a community of practice among participants to exchange expertise and experience.

The workshop will focus on establishing a country specific quality assurance framework (QAF) with the following components:

