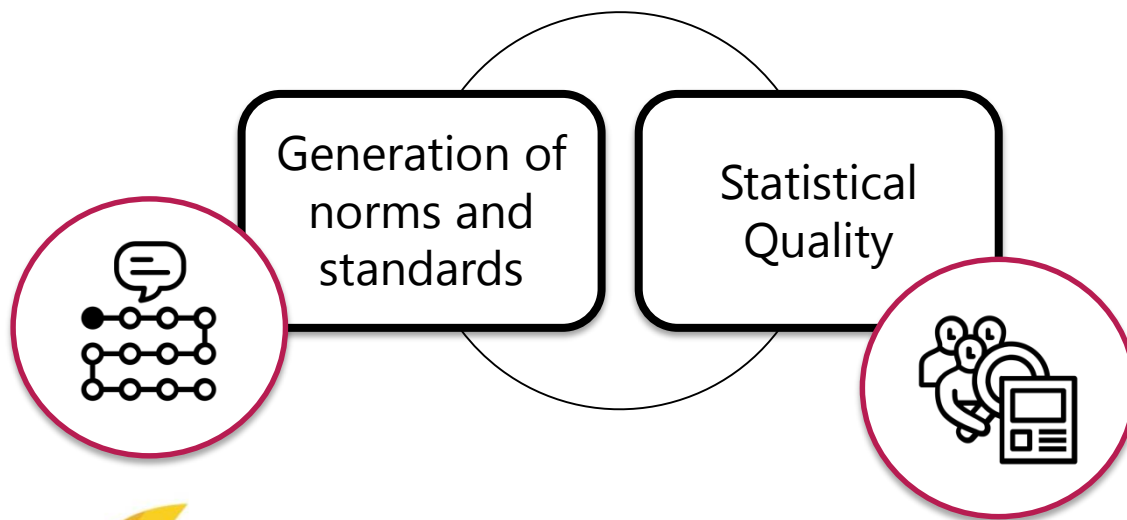


STATISTICAL QUALITY ASSURANCE IN THE NATIONAL STATISTICAL SYSTEM

October 2015

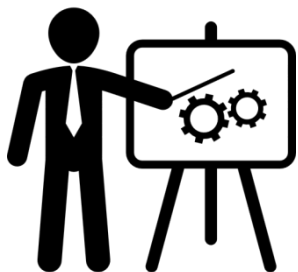
1. Promotion and implementation of standards

This process seeks to promote and provide information on the use of and compliance with quality requirements in all stages of the statistical process, through permanent mechanisms and instruments aimed at improving the quality of the statistical process. This is developed by two teams:



Quality promotion workshops

Their purpose is to promote and provide information on quality assurance of statistical operations produced within the NSS.



Quality promotion workshops with **29 statistical operations of DANE** were held between August and December 2014; 62 professionals from different fields attended the workshop.

Quality promotion workshops with **3 NSS entities** and **5 statistical operations** of DANE's National Accounts directorate were held between June and September 2015; 96 professionals attended the workshop.



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Para tomar decisiones



Campaign for the socialization and dissemination of statistical standards.

A dissemination strategy to publicize the NSS and its coordination instruments including statistical standards. During 2015, 120 people of the defense and education sectors, among others, participated in the socialization process. This process has extended to areas such as the metropolitan area of Medellin, Bucaramanga, Pasto and the Amazon.



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Para tomar decisiones



The following activities for promoting the utilization of standards and guidelines have been carried out:

- 32** Workshops on methodological documentation.
- 8** Workshops on microdata management tools and the ANDA.
- 3** Virtual workshops on microdata management tools.
- 10** NSS awareness-raising activities; 8 within the framework of the campaign.
- 8** SDMX workshops (2014-2015).
- 12** Nomenclatures and classifications workshops (2014-2015).



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The following classifications were socialized:

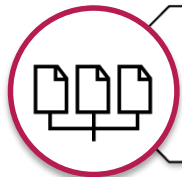
CLASSIFICATION	VERSION
International Standard Industrial Classification of All Economic Activities (ISIC)	4
Central Product Classification (CPC)	2
International Standard Classification of Occupations (ISCO)	08
International Standard Classification of Education (ISCED)	2011
Classification of the Functions of Government (COFOG)	2001
Classification of Individual Consumption by Purpose (COICOP)	2001
Classification of the Purposes of Non-Profit Institutions Serving Households (COPNI)	2001



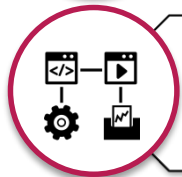
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Para tomar decisiones



The results obtained are:



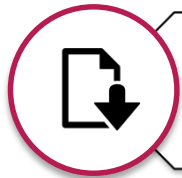
42 Methodological documents produced considering the guidelines.



70 Statistical operations with documentation in ANDA; 20 of them with microdata and 15 of external entities.



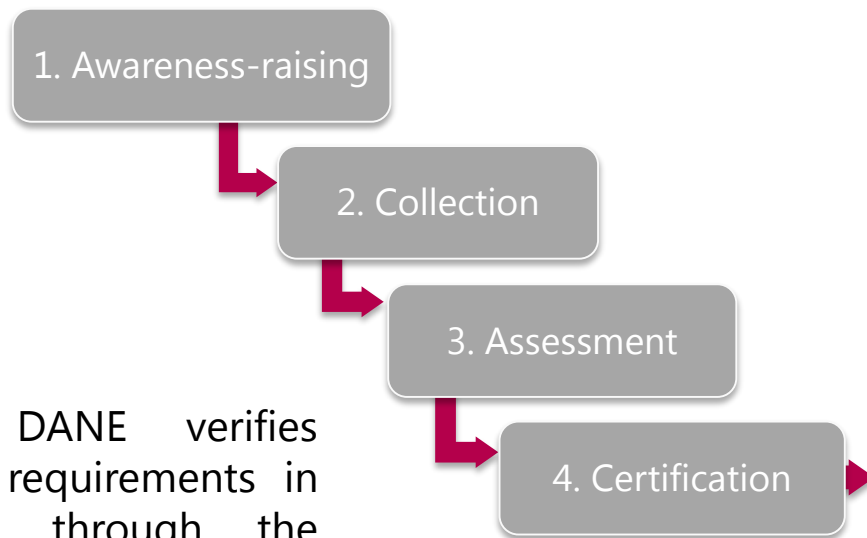
11 guidelines' documents for statistical activities under the CNBP framework that are published on DANE's website



Implementation of ISIC, ISCED 2011 A.C. and ISCO 08 A.C.



2. Assessment and certification



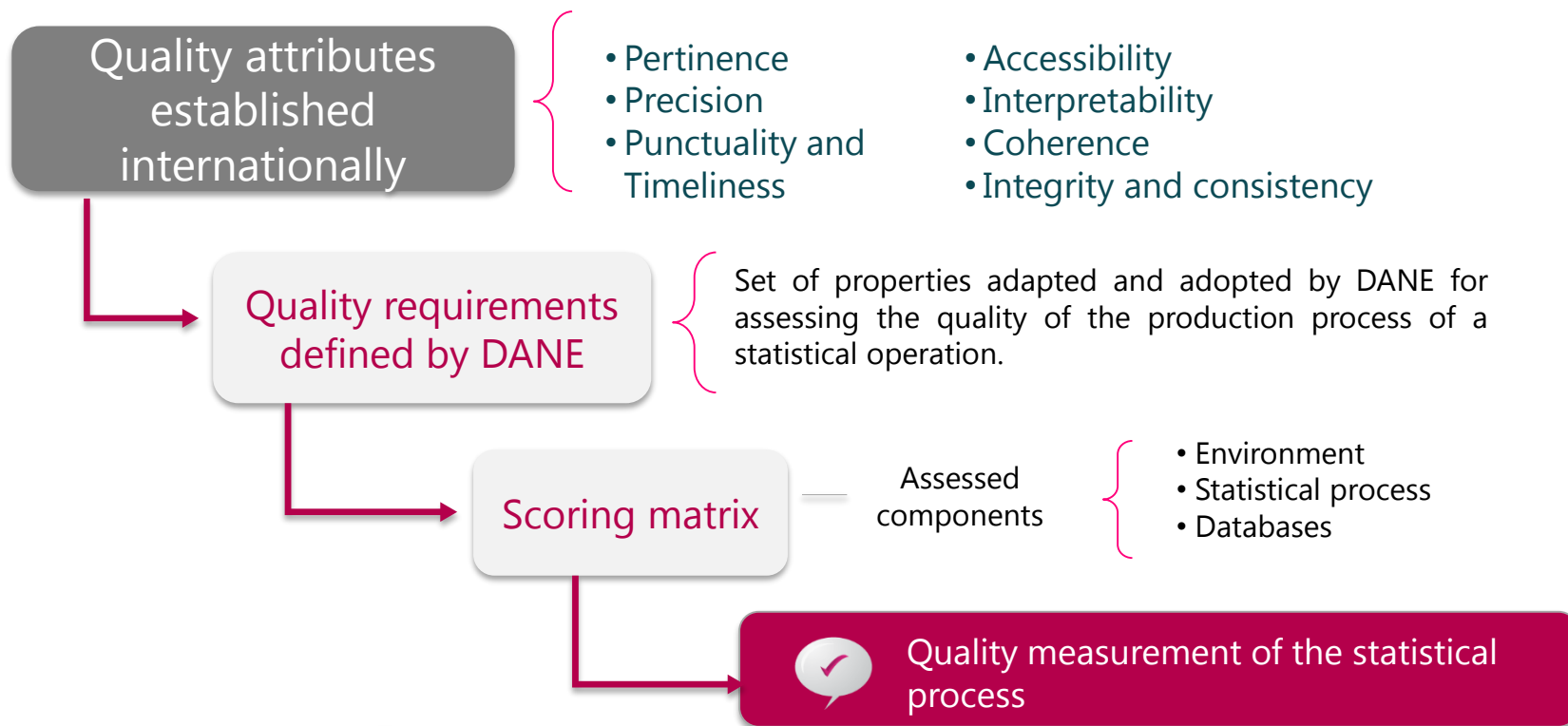
In this sub-process, DANE verifies compliance with quality requirements in the statistical process, through the following stages:



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Para tomar decisiones



The following is assessed:

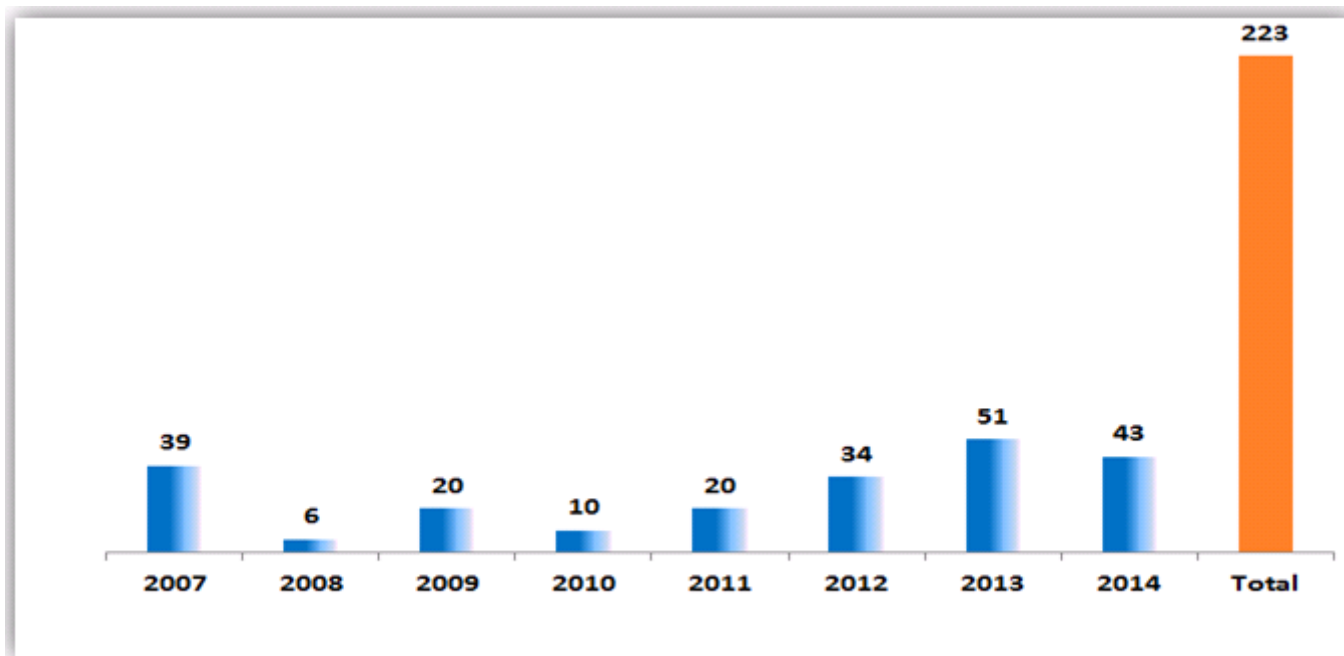


To develop assessment processes of statistical operations of DANE and external entities there is support from:



- **95** Committees of Independent Experts.
- International statistics institutes such as: the National Statistics Institute-INE of Spain, the National Institute of Statistics and Geography- INEGI of México, the National Statistics Institute- INE of Chile; and multilateral agencies such as the World Bank, the Statistical Office of the United Nations, the Inter-American Development Bank, The United Nations Population Fund-UNFPA, the International Organization for Migration - IOM, UNESCO, The Pan American Health Organization (PAHO), The United Nations Office on Drugs and Crime (UNODC) and international experts.
- 37 independent international subject-matter experts who have participated in various assessment processes.

Statistical operations assessed 2007 – 2014







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Para tomar decisiones



**TODOS POR UN
NUEVO PAÍS**
PAZ EQUIDAD EDUCACIÓN

Positive effects and relevant results

NSS statistical operations have improved in the following aspects:

-  Generation of documentation of statistical operations and documentation of databases.
-  Integrity and consistency of databases and timely dissemination of results with respect to the period in which the phenomenon is being measured. Moreover, historic series started to be disseminated and access to microdata is provided.
-  Emphasis on the needs of major users and development of new ways to contact them and increase their participation in technical committees
-  Implementation of nomenclatures and classifications.



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Thank you!

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