National Quality Assurance Framework of Thailand

International Workshop on the implementation of NQAF and GSBPM on 10 - 11 January 2022

Nontalee Siripunyawit
NSO, Thailand
According to the 2007 Statistics Act, the National Statistical Office (NSO) has been assigned various authorities and duties, one among the others, is to prepare the Statistical Master Plan for an implementation of the government statistical work.

This responsibility will encourage the country to have comprehensive official statistics for the evidence-based plans and policies for evaluating and monitoring the country’s development.

Moreover, this Statistical Master Plan would promote and support all government agencies to be able to produce statistical data in accordance with standardized quality. These statistical data could be used by all levels administrators for their decision making and all sectors could also jointly make use of statistics.
Thailand’s Statistical Master Plan (TSMP)

1st Thailand’s Statistical Master Plan (2011-2015)

Vision

“Thailand’s statistics represent a joint effort of all government agencies that are driven by a shared goal to develop Office Statistics to guide and support national development”.

In the fiscal year 2014, the National Statistical Office had a plan to focus on the 2nd Strategy: Development of official statistics with standards in order to produce official statistics in Thailand which are in accordance with international standards and are comparable at both national and international levels.

The vision and mission of the quality commitment towards official statistics are:

“Thailand will enhance the quality management of official statistics by encouraging cooperation between the National Statistics Office and other official statistics agencies to improve the quality of official statistics to develop the country.”

Missions:
1. To ensure the quality management of official statistics in Thailand;
2. To promote and support quality in the production of official statistics;
3. To promote and support the dissemination of official statistics and data services;
4. To promote and support the use of official statistics.

Thailand Code of Practice

In order to achieve the vision and missions, 9 principles of the Code of Practice for quality management official statistics production have been established. These principles aim to promote and maintain the quality of statistics production. In addition, commitment to work together and good relationships with regular users are initiated.
National Quality Assurance Framework of Thailand

Definition of Statistical Data Quality

“Statistics that meet user needs or suitable for the purpose/application with a good statistical production process according to academic principles, accurate, reliable, timely, consistent and standardized.”

Thailand adheres to the 10 fundamental principles of official statistics (UN). It is the foundation of the quality management system.

The quality dimension was selected based on the following criteria:

1. A study from the Code of Practice and the Quality assurance framework (QAF) of successful international organizations and countries.

2. Using knowledge and experience related to the production of official statistics by selecting the necessary and sufficient indicators.
The TCOP has set 9 practice guidelines in official statistics quality management to promote and maintain the quality of official statistics, by emphasizing the sharing of information, and to establish standards of statistical production that are theoretically correct and aligned with international standards.

In order for official statistics to be a highly reliable reference and for the cooperation and continuation of good relations with users of official statistics, the production of official statistics must have a systematically planned production process, set standards of quality, and must be produced regularly and continuously.
Thailand’s Statistical Master Plan (TSMP)

2nd Thailand’s Statistical Master Plan (2016-2021)

The 2nd TSMP aims to develop statistical data in accordance with the standard and quality and to integrate, exchange and link data between agencies so that data can be jointly applied for decision and policy making for the country development at all levels (national, agenda-based, area-based).

**Vision**
Thailand’s statistics represent a joint effort of all government agencies that are driven by a shared goal to develop Official Statistics to guide and support national development.

**Mission**
- Manage national statistical system.
- Promote the statistical production in accordance with the international quality standards.
- Promote the services of statistical data.

**3rd Strategy**
Development of statistical data quality in accordance with the international standards.

**Goal**
1. Promote the use of statistical quality standards in statistical production and develop statistical data in accordance with the international quality standards.
2. Promote statistical agencies in the government and private sectors to understand and to assess their statistical data produced.
Thailand's quality management framework

- The Cabinet
  - Committee for organizing the Thailand Statistical System in 3 areas

- Guidelines for improving the quality of official statistics
  - User needs
  - Statistical Output
  - Statistical Process
  - Environment Institute
  - Statistical System Management (TNSO only)

- National Quality Assurance Framework Indicators
  - Academic Advisory Board
  - Statistical Subcommittee 21 branches
  - Subcommittee on Developing Quality and Statistical Standards

- The results of the quality assessment of official statistics
  - 360 degree assessment
    - Fundamental Level
    - Intermediate Level
    - Advanced Level
  - Third party assessment/Quality Assurance
    - User satisfaction Survey
    - Self-Assessment
    - Metadata

- Statistical Standards (Concept, Process and Dissemination)
  - Thailand Code of Practice
  - Fundamental Principles of Official Statistics
  - 2nd Thailand’s Statistical Master Plan 2016-2021
The Cabinet approved the FPOS and FPOS Implementation Guidelines on October 22, 2019 and announcing the statistical unit to use as a guideline for producing official statistics of Thailand to have quality according to the UN standards.

Timeline of Official Statistics quality management in Thailand

1st TSMP (2011-2015)

2011

2nd TSMP (2016-2021)

2016

2019

2021

2022

- User Survey
- Preliminary official statistical quality assessment form
- Quality Indicators
- Quality Report Template etc.

Coaching and Monitoring
GD Catalog (Government Data Catalog)
Operational policy for the improvement of the quality of official statistics

“Emphasis on the development of standardized statistical production along with Coaching to strengthen the quality within the statistical unit first and then enter the process of evaluating the quality of official statistics.”

Thank you