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# Implementation of Thailand's Statistical Master Plan



National Statistical Office  
Thailand

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# National Statistical System

Thailand National Statistical System



Decentralized Statistical System



Too many sources of data collection



Too many data produced



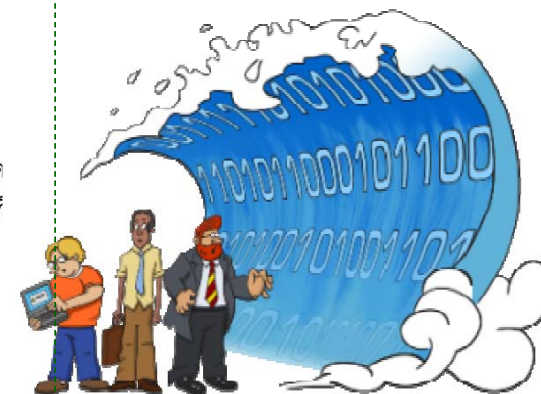
Could not find the right source/kind of data  
*(duplication, omission,  
quality & statistical standards problems)*



Could not do any analysis or make decision  
for national policies formulation & for urgent crisis  
*(user confusion, coordination problems)*



Due to data are not being  
integrated and linked



(1952 → 1965 → 2007)  
2007)

- Thailand National Statistical System is still Decentralized System, but with clear roles, function and relation of various agencies in the National Statistical System
- To empower NSO to do better coordination roles for effective management of National Statistical System
- Statistical Data of Government organizations will be linked and used integratedly

# Statistics Act 2007

Section 5 NSO is the central state agency in charge of the technical statistics work

Section 6 NSO has authority and duties:

- (1) Preparing the Master Plan for the implementation of the government statistical work
- (2) Preparing statistics standards to present to the cabinet for approval
- (5) Coordinating & consulting with agencies to prepare plans that define the responsibilities in implementing the statistical work under the Master Plan as mentioned in (1)
- (7) Coordinating with agencies to create statistical network in order to obtain important & timely statistical database of the country

Section 7 NSO shall coordinate with relevant agencies and prepare the plan in such a way that it is consistent with the national policy and development plan. Relevant agencies shall follow the Master Plan.

Section 8 Agencies shall prepare their statistics in accordance with the plan defining the responsibilities under section 6(5), and shall ensure that they meet statistical standards.

In the event that any agency fails to perform according to paragraph one, the National Statistics Office shall report to the cabinet for instructions as it is deemed appropriate.

# Thailand National Statistical System

- *Official Statistics* concept be used as reference data of the country
- Consideration of *Official Statistics* be done by each sector
- Development of system to link, integrate and share statistical data from government agencies
- Promote and support the use of statistical data
- Improvement of quality of *Official Statistics*
  - Develop the capacity of statistical teams and units
  - Improve quality by upgrading the standard and quality of statistics by minimizing redundancy and workload

# Statistical Master Plan 2011-2015

**Vision:** “Thailand has a statistical system that drives all the agencies together. Thailand will have the official statistics to develop country.”

## Strategy for the development of statistical systems:

### Strategy #1 Efficient management of the statistical system

- Goals :*
1. Thailand has Official Statistics.
  2. Thailand has a statistical system of high standard and efficiency.
  3. Thailand has a system to develop statistical teams and units.

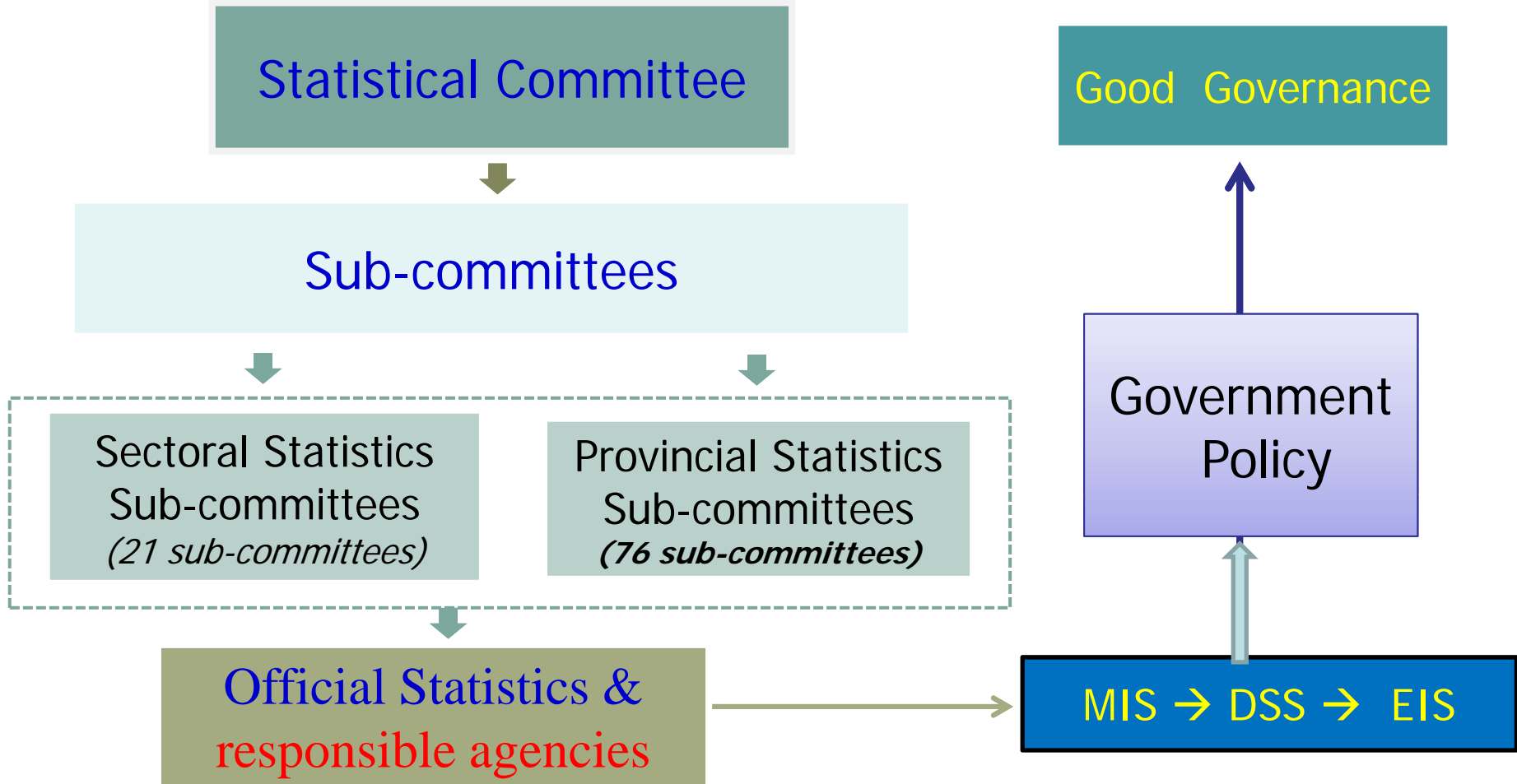
### Strategy #2 Standardized statistical production

- Goals :*
1. Thailand has good statistical practices.
  2. Thailand produces statistical data in accordance with the quality standards.

### Strategy #3 Equal access to statistical data

- Goals :*
1. People have equal access to statistical data.
  2. Official Statistics are widely used.

# : Principal Idea



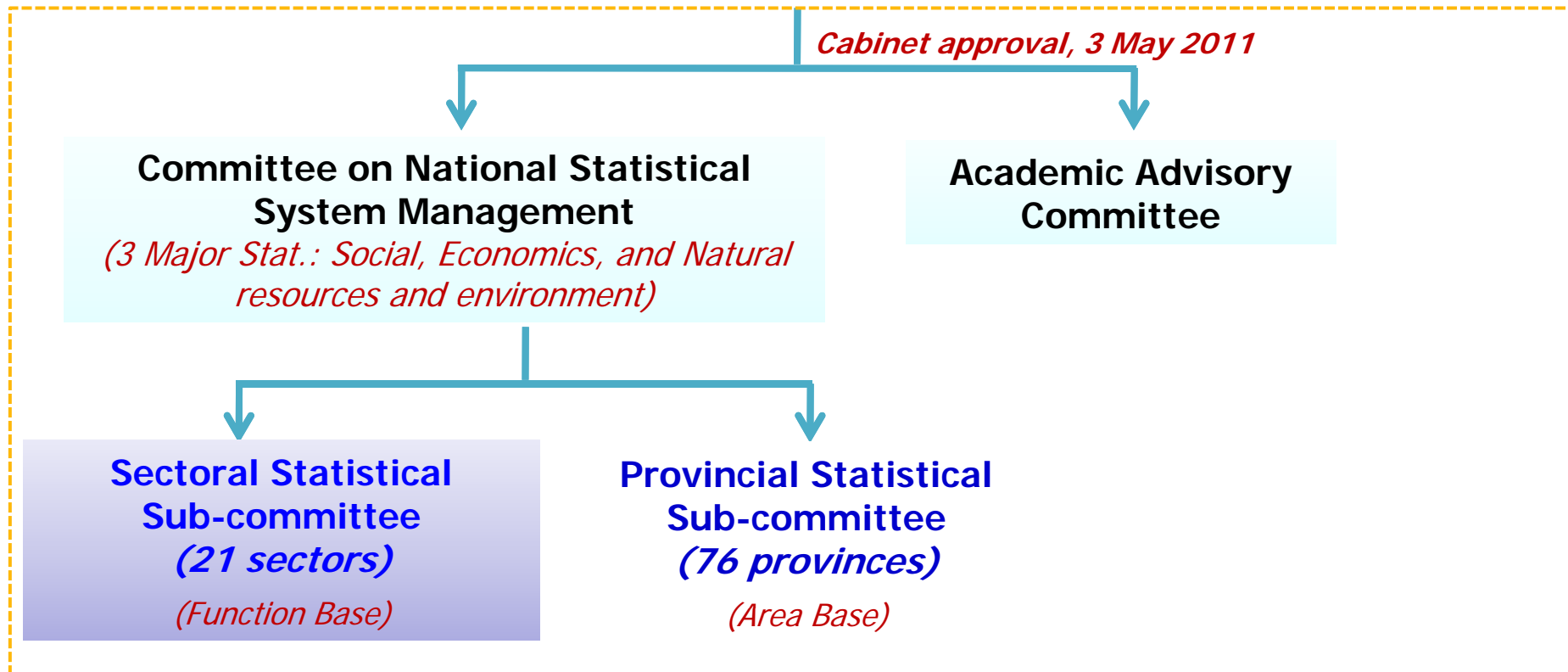
# Official Statistics Concept

“ Key statistical items in each sector that are commonly used for national development planning and monitoring, and ensure that Official Statistics (OS) are produced and disseminated periodically, timely, and high quality”



# Statistical Master Plan 2011-2015

*Cabinet approval, 28 Dec 2010*



Constructing the country statistical database from registered base data, survey/census data

- have official statistics; key statistics items in each sector with quality, completeness and no duplication, host agency of official statistics will be clearly identified
- all levels of administrators will have statistical data for decision making

# Sectoral Statistics

## Social Statistics

1. Demographic, population and housing statistics
2. Labour statistics
3. Education statistics
4. Culture statistics
5. Health statistics
6. Social security statistics
7. Gender statistics
8. Statistics of household income and expenditure
9. Justice and other social statistics

## Economic Statistics

1. National accounts
2. Agricultural statistics
3. Industrial statistics
4. Energy statistics
5. Trade statistics and price statistics
6. Transportation statistics
7. Information communication and technology statistics
8. Tourism statistics
9. Money, finance and insurance statistics
10. Fiscal statistics
11. Statistics of science and technology

## Natural Resources and Environment Statistics

1. Natural resources and environment statistics (including Meteorology statistics)

# Implementing TSMP: Challenges

- 1) The plan was to launch all 21 sectors at the same time, which was big job and needed more staff.
- 2) NSO internally established three bureaus as following:
  - the *Statistical Management Bureau*; mainly responsible for coordinating the endorsement and implementation of the TSMP
  - the *National Information Center*; mainly responsible for developing the system for linking and exchanging statistical data & information from all government agencies
  - the *Human Resource Development Group*; mainly responsible for providing training to statical staff from all statistical units
- 3) NSO also recruited internal staff for assisting as committee and secretary assistance

# Responsibility

Cabinet

Committee on National  
Statistical System Management

- Chair: ICT minister
- Members: Perm Sec-Gen of line Ministries
- Secretariat: NSO (DG)
- Duty:
  - consider & approve framework of TSMP
  - report progress to Cabinet

Sectoral Statistical Sub-committee  
(21 sectors)

Provincial Statistical Sub-committee  
(76 provinces)

- Core component:
  - 1) Responsible Ministries serves as Chairman (Perm Sec-Gen) and Secretary
  - 2) NSO serves as Vice Chairman and Assistant Secretary
  - 3) Agencies responsible for OS and other concerned
- Duty:
  - identify OS and responsible agencies
  - outline measures for quality development of OS
  - outline measures to enhance the capacity of Statistical units and necessary resources
  - implement the plan
  - prepare annual report to the above committee

- Chair: Provincial Governor
- Members: Representatives from concerned statistical units
- Secretariat: NSO provincial officer
- Duty:
  - identify OS and responsible agencies
  - investigate and approve in quality assurance
  - outline measures for quality development of OS
  - outline measures to enhance the capacity of Statistical units and necessary resources
  - implement the plan
  - prepare annual report to the above committee

# Base Approach



## Sectoral Committee on Statistics

Data (21 sectors)



Sub-committee

OS of Sector 1

Population statistics sector

sector



Sub-committee

OS of Sector 2

Labor statistics sector

sector

...

...

...



Sub-committee

OS of Sector 21

Environmental and Resources statistics sector

sector

Integrate / Data Sharing

Link /

Prime Minister Operation Center: (PMOC)

Can be analyzed and found its relation

Can be presented in an easy format (table / graph / map)

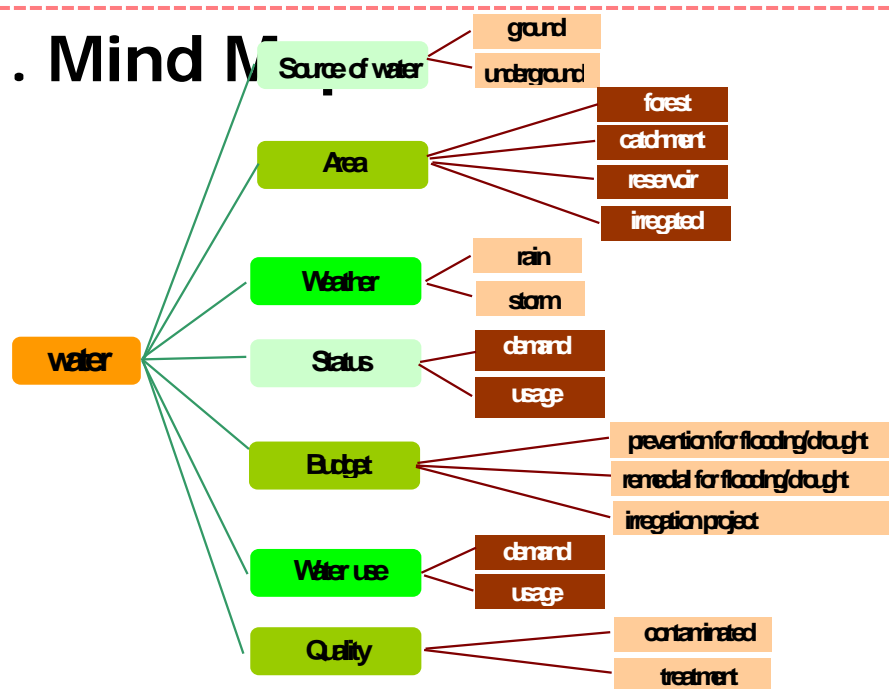
# Base Approach (cont'd)

Linkage / Integration /  
Data Sharing

Can be analyzed  
and found its relation

Can be presented in an easy form  
(table / graph / map)

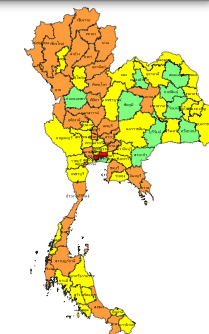
## 1. Mind Map



## 2. Function ; $Y = a + bx_1 +$

$Cx_2 +$  Evidence base for

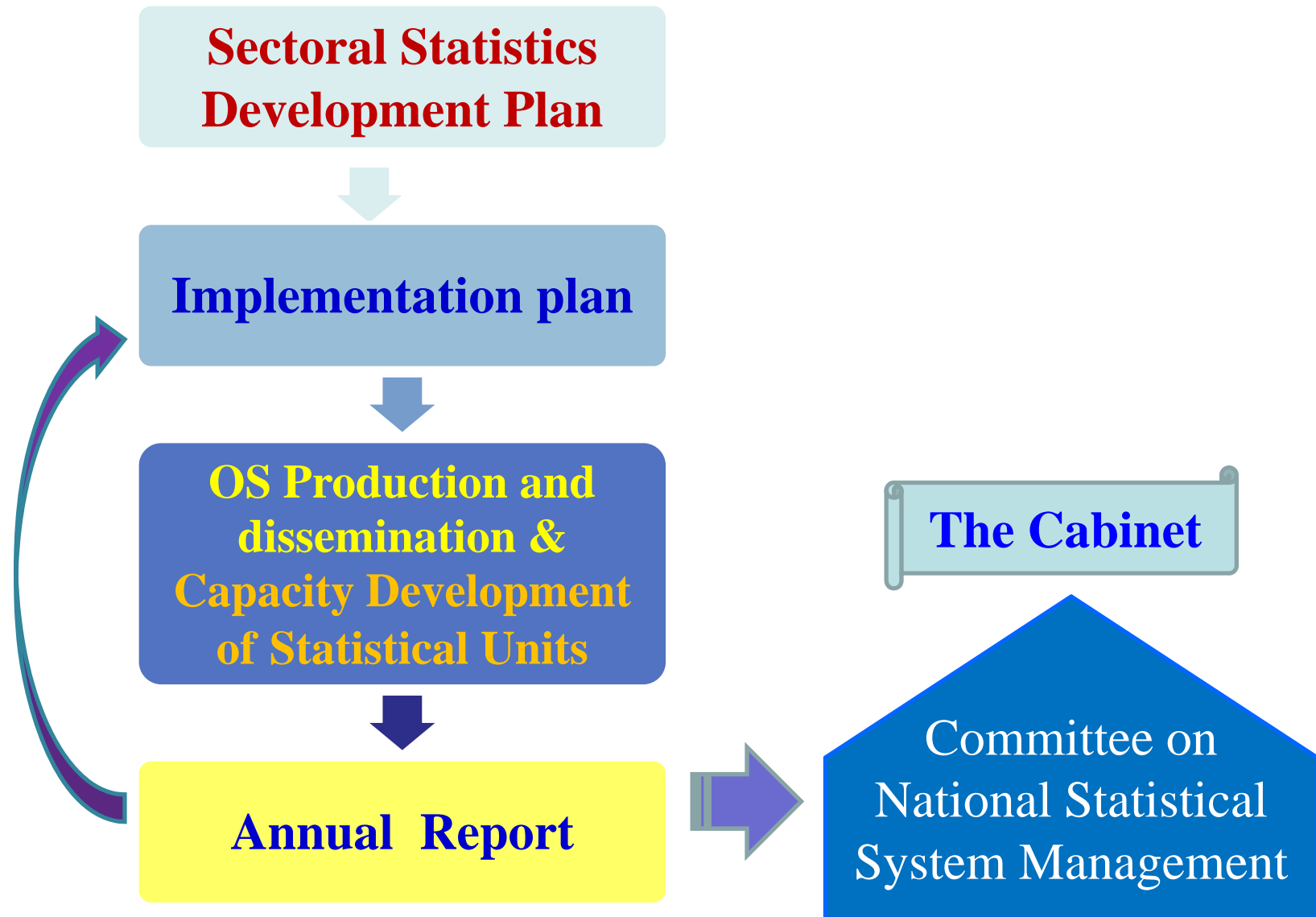
	2545	2552	2554
Gri Coefficient (5 groups)	0.403	0.385	0.376
Monthly current income per capita	3,844	6,219	7,226



# Achievements

- ❑ “Official Statistics” are available to support policy-making at national and sector levels
- ❑ Statistical Units have strong capacity to produce OS
- ❑ Government convinced that investing in good quality statistics is significant and worthwhile
- ❑ The public can easily access and well understand of OS and their usage

# workflow process





# Implementation

- 1) Setting a governance structure in the form of committees and sub-committees
- 2) Visiting high-level executive in order to have closely collaboration among relevant stakeholders
- 3) Scheduling the meeting of each statistics sectors in order to have sectoral statistical master plans, a list of official statistics and annual report of each sector
- 4) Introducing the use of the guideline for good statistical practice and the quality assessment framework
- 5) Developing the centralized system for statistical service such as Data Networking

# Progress (2011-2012)

- Collaboration from line ministries and the perception of high-level executive on the significance and usefulness of statistical data for national development as well as for the development of their agencies
- A well understanding and pursuing by relevant staff from all agencies
- Be able to establish the Sectoral Statistical Master Plan of each sector
- Having the quality statistics from each sector
- Having an annual report (for a fiscal year 2012) of each sector
- On the process of preparation for
  - The Guideline for Good Statistical Practice (GSP)
  - The Quality Assessment Framework (QA)

# Obstacles

- ❖ The implementation of TSMP is so far having a well collaboration from line ministries, however the progress was slightly delayed.

- ❖ This is because

- 1) The system is new to both NSO and other agencies, many issues need discussion and clarification, many details of the system need to be worked out, as well as the need for well plan and structure from conceptual idea to practical implementation.

- 2) Concerning that TSMP involves almost all government agencies – saying that it is a big job. And it is somewhat an extra assignment to all participated line ministries concerning that most of them have their usual work.

- 3) Concerning that each sectoral sub-committee chaired by the permanent secretary of the respective ministry which needs an advance booking – saying that it is difficult in scheduling the meeting date of each sector.

# Forward

- NSO will conduct the assessment of TSMP implementation of the first phrase (year 2011 – 2012)
  
- NSO will prepare the centralized system for statistical service (including the development of the input, searching and presentation feature) such as Data Networking, for which the statistics is used worthwhile
  
- NSO will construct the capacity building programs;
  - 1) a good practice for the production of statistics
  - 2) the use of statistical service system

Thank You