

Session 1
Introduction to Data Integration:

VIETNAM TEAM

REGIONAL WORKSHOP ON DATA INTEGRATION IN ASIA AND THE PACIFIC

About VIETNAM





Population size: Viet Nam has a population of **96.208.984 persons** (Census 2019)**.**

The average annual population growth rate 2009-2019 **is 1.14%**

Population density: 290 persons per square kilometer. Vietnam is the third most densely populated country in Southeast Asia, after the Philippines (363 people / km2) and Singapore (8,292 people / km2)

Area: Viet Nam has area of 330.967 km2 and long coastline of 3,260 km running from the North to the South.

Capital: Viet Nam has 63 provinces/cities. Hanoi is the capital which population is about 7.2 million persons.

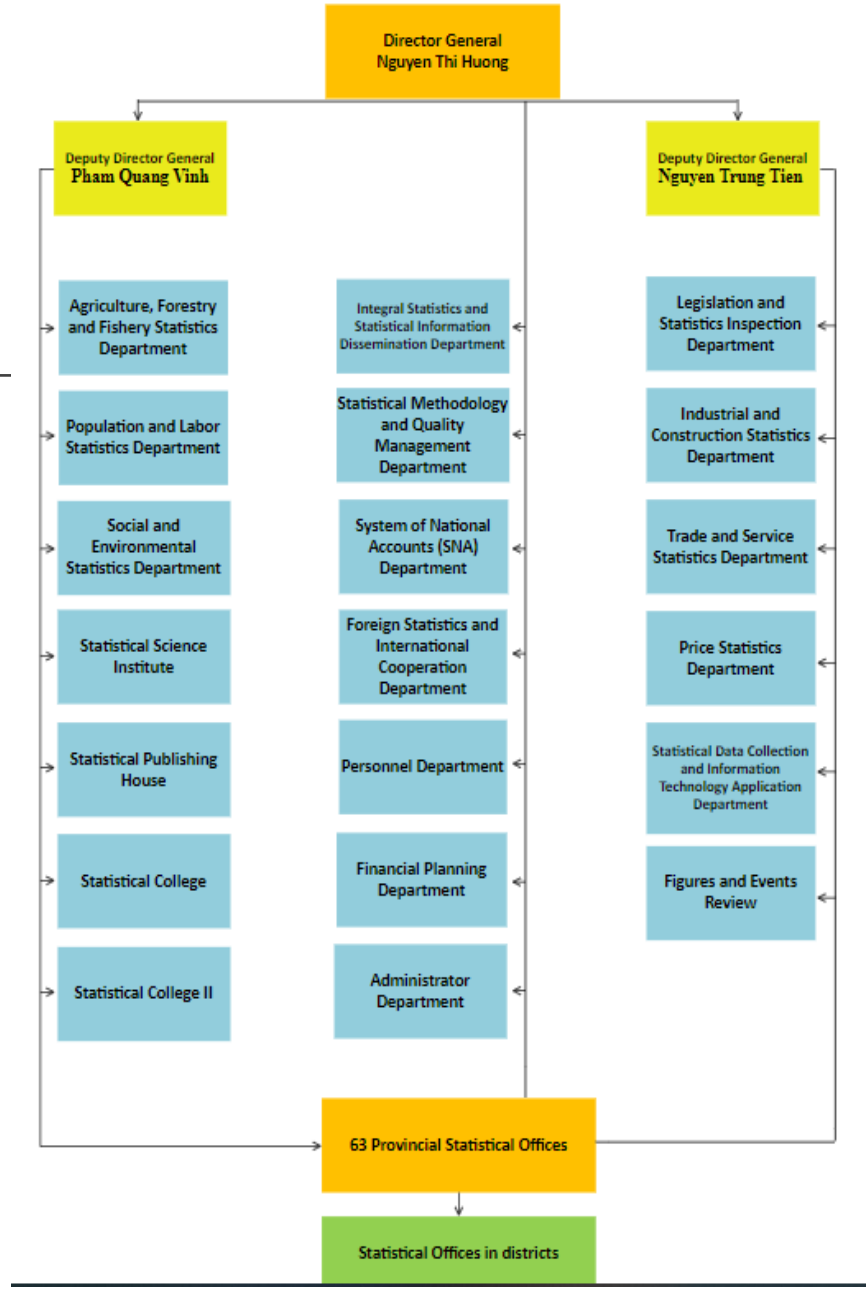


About General Statistics Office of Vietnam (GSO)

GSO: The General Statistics Office (GSO) is an institution directly under MPI, performing the advisory function to help the MPI Minister and Government in doing the task of state management in the field of statistics; conducting statistical operations and providing socio-economic statistical information to all agencies, organizations and individuals in accordance with the Statistics Law

GSO's headquarters at central level includes 16 Administrative units and 9 Public service units to assist the Director-General in implementing the function of state management

Currently, there are 288 staffs working in the GSO's headquarter and 1814 staffs in 63 PSOs and 3054 staffs in DSOs.



Are you integrating data?

Integrating data? in the case of Vietnam

- GSO have a sharing data warehouse with the data collected from the censuses and surveys.

Then, the specific and selected suitable data will be used for other censuses and surveys later.

- GSO, General Tax Office and The Custom Department of Vietnam are now integrating 03 database including the data of registed businesses, enterprises and companies.

Examples of national data integration

- The data of residents collected in Population and Housing Census will be used for Vietnam household living standard surveys (VHLSS); Labour and Employment Survey and Mid-term population surveys etc.,

- The integrating data between GSO, General Tax Office and The Custom Department of Vietnam will be used to produce official statistical data regarding to businesses and enterprise as business revenue, business tax, import – export turnover etc.,

Challenges and solutions

What are the biggest challenges you face in integrating data?

- Ministries and government agencies have their own database with different technical infrastructure standard and platform.

- Among agencies, there're a lot of differences in the concepts, collection methods of data; data structure; data format and storage; methods for sending and transferring data from local to the central and from ministries/government agencies to National Statistical Office; The data sources are separated and fragment.

- The expenditure for database setup, annual maintenance and secure is very high.

What solutions have you developed or are considering?

- Use Personal Identification Number (PIN) for Civil Register and Vital Statistics (CRVS), statistics of residential address, employment status and education etc.,

- Government needed to establish the National Information Report System and National Database Committee for database management, collecting data and issues standards for technical requirements for all ministries' database.

- Establish the Act/Law of Data sharing to facilitate and legislate data integration.

Expectation

- Sharing our experience
- Finding out the experience and lessons from other countries
- Looking for the international support both in methodology, technique and finance

THANKS YOU