

Informationization - The Historical Opportunity for Statistical Reforming and Development of China

Hu Fan

Computer Center, National Bureau of China P.R.

75, Yuetannanjie, Beijing, China

Email: hf@stats.gov.cn

Informationization construction is a strategic behavior of national modernization construction

“Strengthening the national economical and social informationization construction, which is a strategic behavior of national modernization construction.” According to the statement of “The suggestion to 10th national economical and social development planning” proposed by Central Committee of Communist Party of China. Informationization brings the severe challenge and historical opportunity to statistical reforming and development in China. Also, informationization brings the profound affects to statistical reforming and development in China technically, professionally and socially.

Informationization represented by internet technology changed traditional statistical manners

Internet and its application have changed the traditional manner of statistical work as follows:

- 1) It changes statistical reports data transmit manner, internet acts beyond the borders of ministries and provinces,
- 2) It strengthens the standard and regulation of statistics,
- 3) Public and society concern statistical figures more and more.

3- integration and statistical re-engineering

Through the automation system construction, we made progress on system integration. We make progress on data integration by the information system construction and we will make the progress on application integration, the only way we should to go is informationization construction. It contains three fundamental components, i.e. information engineer construction, statistical practice and transaction construction and management construction. So, we face the pressure of statistical reforming and statistical re-engineering. The content of statistical re-engineering as follows:

- 1) Statistical table and questionnaire. There will be an obvious difference between statistical table and questionnaire. Because statistical table is oriented to the comprehensive data and data users, questionnaire is oriented to the source data and filler. The roles are different that data entry, editing and management of them.
- 2) Data planning, management and maintenance. Information resource construction is the key factor of informationization and national statistical data is the important component of national Information resource. It needs a good data planning, data management and data maintenance.,
- 3) Office affairs are based on Intranet/Web synchronized technology. Off-line processing was the main manner in the past years when we have not any internet and networking. On-line statistical transaction should be based on Intranet/Web synchronized technology.
- 4) Items about informationization construction and application should be strengthened in statistical law.

So, statistical standard and regulation play an important roles on the statistical informationization

construction.

Statistical staff and proposal of statistical informationization

Finally, we discuss the role of that statistical staff joining the process of drafting proposal of statistical informationization, and what they should to do.

Informationization construction contains information engineer construction, statistics and management construction. The statistical staffs concern the data transaction, processing management and dissemination, and they know well about how to be better and better. They concern the statistical system, standard and regulation matches the international standard or not. They concern the budget balance between information engineer construction, statistics and management construction. Also, they concern the eventual effect of informationization construction match their governmental role. All of the concerns should be put in the process of drafting proposal of statistical informationization, instead of after the process. So, the statistical staff will make a good foundation for information engineer construction, and it will return an good working environment both means and contents to the statistical staff.