

Pilot Study on Developmental Stratagem and Recent Aims of Chinese Statistical Informatization

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1. Introduction

The statistical informatization refers to fully realize electronic network in statistical business through modern information technologies. Statistical informatization is crucial to Chinese statistical reform and development, in particular, to the fulfillment of "Three Services" in statistical work. This paper will study the strategic aim and approach of attaining Chinese statistical informatization.

2. Analysis on status quo of Chinese statistical informatization

Through the implementation of the "Statistical Information Engineering" during the 9th Five-Year Plan period from 1995 to 2000, considerable progress of China's statistical informatization has been made in many aspects. The construction of Chinese statistical informatization is coming into the initial network stage. However, the situation still can't meet the needs of the government and the public in these aspects like statistical information standardization system, construction of application system, scale and bandwidth of network system, the extent of informatization at county/district level as well as the collection, processing, development, utilization and decision-making supporting capability of statistical information.

3. The guidelines for realization of statistical informatization

The following nine principles should be maintained in the fulfillment: 1)"combining medium-term and long-term plan and phase development"principle; 2)"Chief-leader-in-charge"principle;3)"synchronism of statistical informatization and statistical reform"principle;4)"keeping up with the international trend" principle;5)"acting according to own capability and financing from more channels"principle;6)"keeping implementation of the 'Project on Statistical Information'"principle;7) "'Demand-orientated' and 'advanced, practical'"principle;8)"development of application system based on on-network utilization" principle;9)"construction of statistical informatization and manpower training being run

simultaneously” principle.

4. The developmental strategic aim of statistical informatization

The strategic aim of statistical informatization is to fully informatize the statistical data collection, transmission, processing and dissemination and to comprehensively apply various statistical information resources and so on, in order to meet the needs of the government and the public. It can be concretely summarized as the following “six aspects”: electronization of statistical data collection, network treatment of statistical work, digitalization of statistical data storage, no-paper working in statistical business, rapid support to statistical decision-making, socialization of statistical information service.

5. The main task during the 10th Five-Year Plan period

During the 10th Five-Year Plan period from 2001 to 2005, the main task is to primarily achieve statistical informatization at both national and provincial levels indicated in the following three aspects:

1) Network Construction. Establishing the statistical information network based on national, provincial and prefectural (city) core digital network of “three classes, long distance and high speed” and IPTV net.

2) Hardware System. Improving the ability of equipment on hardware system of statistical bureau at all levels to perfect national and provincial levels statistical information centers, electronic database, and equipment for back up and disaster-restoring system. Gradually enhance computer equipment level according to statistical business and management.

3) Application system. State Statistical Information Automatic System should be build eight application systems, including: monthly/quarterly/annals, census and special survey, sample survey, support for decision-making, statistical office automatization, dissemination, service, analysis, estimate and standardization management of statistical information.