



国家统计局
National Bureau of Statistics of China

Service Enterprises Online Reporting System of China

Department of Service Statistics
National Bureau of Statistics of China
Sun Qingguo and Miao Zheng

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Introduction

Background

In order to improve the statistical work efficiency, reduce the burden of enterprises and grassroots statistical agencies, in 2010, National Bureau of Statistics of China (NBS) decided to apply modern information technology to implement the Online Reporting System to obtain enterprise data and continuously improve the quality of statistical data .

What is the Online Reporting System of China?

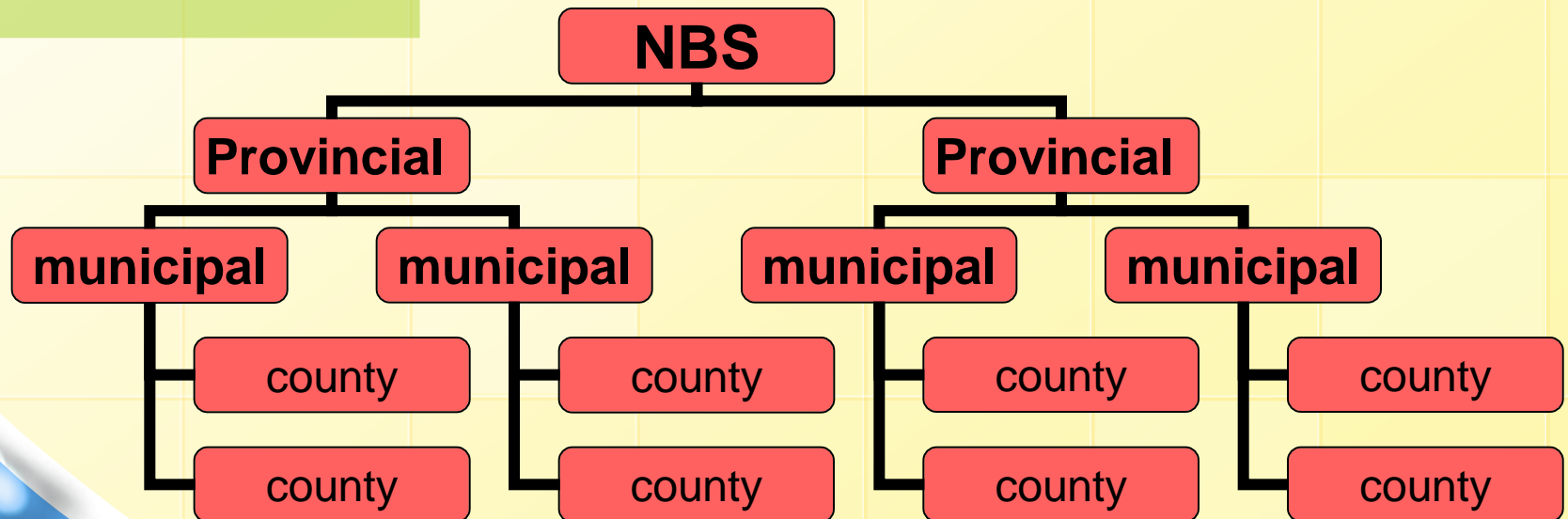
The Online Reporting System is a network system through which the surveyed enterprises may use computers or handheld electronic terminals to direct report the data to the NBS via the internet, and the statistical agencies at all levels can receive the data synchronously, share the primary data. The system should be safe, smoothly operating, convenient and efficient.

According to the general requirement which is to realize "Full-featured, Easy to Use, Uniform Standard, Friendly and Compatible", NBS and the two software companies (Tsinghua Tongfang, Jingyun Wanfang) developed an online reporting system, after several pilot tested and refined, finished the system which can make unified electronic design and layout for statistical system and has the functions of unified data management, data entry, checking, editing, reporting and tabulation..



Organization and management

China's administrative system is divided into national, provincial, municipal and county four levels, each county has a statistical agency, each level statistical agency should accept the management and guidance from its superior statistical agency. Enterprises submit the data directly to the NBS through the Online Reporting System, but urge the report, data check and other work is still carried out from the bottom to the top.



Development Process

In 2011, wholesale and retail trade, hotels and catering services, real estate first launched online reporting.

2012, ten industries are also included in the online reporting system.

By the end of May 2013, there are more than 360,000 corporations reported data by the online reporting system, including 130,000 wholesale and retail trade enterprises, 40,000 hotels and catering services enterprises, 80,000 real estate enterprises, 90,000 key service enterprises.



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Working process

All qualified enterprises should be registered in the Business Register, otherwise it will not use the online reporting system.

The county level statistical agencies check the qualified enterprises on the spot, load the information of enterprises into the Business Register.



Statistical agencies will provide training for online reporting operations and indicator meaning to enterprises, and also answer the questions.



Enterprises submit data by the specified time independently through the online reporting system.



Statistical agencies at all levels will receive the online data simultaneously, after acceptance check, they can make data processing and statistical analysis according to their competence.



3

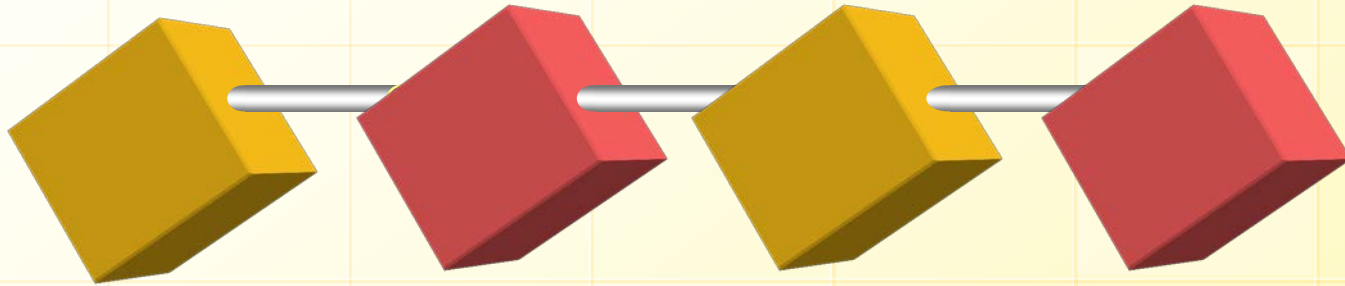
Data quality measurement

Data quality measurement

To guarantee the data quality, the NBS developed strict control measures, mainly in the following aspects:



Data quality measurement



Establish strict review formulas. Data have to meet all review requirements before being submitted.

NBS carried out data quality inspection work. NBS selects some enterprises irregularly to inspect data on the spot, and rectifies the found problems timely.

According to the "Data Quality Measurement Program" issued by NBS, statistical agencies at all levels conduct the data quality measurement from different angles such as the internal data analysis and external data comparison.

NBS convenes data quality measurement meetings regularly to evaluate and analyze the data coordination and other aspects.



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Effect of the Online Reporting System

Effect of the Online Reporting System

1

Improved the data quality. The data is submitted by the enterprise statistical worker who is familiar with the situation of the enterprise, so the errors may occur in the intermediate links will be reduced , and realize the original data centralized management by NBS.

2

Reduced the burden of statistical agencies. Primary statistical agencies workers do not need to do door-to-door investigating, they can use the internet to urge the report and check the data, the workload and time had been significantly reduced.

Effect of the Online Reporting System

3

Reduce the burden of enterprises. After training, enterprise can directly submit data in the internet, the online reporting system is developed by advanced computer technology, it is convenient, compared with paper media reports, the time for data reporting is much reduced.

4

Statistical agencies at all levels can share the original data. After taking hold of the original data of the enterprises, and in view of the different user needs, the NBS will carry out in-depth exploration and development to provide better statistical services to all walks of life.

Effect of the Online Reporting System

5

Promote the friendly relations between enterprises and government statistical agencies. Statistical agencies can easily use the online reporting system to feedback the industry development information the enterprises care about to the enterprises, provide services, interact with the enterprises, and obtains the high praise.



5

Questions and future challenges

Questions and future challenges

There are some problems affecting data quality found in the process of online reporting, some have been begun to take measure to solve, and some are needed to be future researched.



Questions and future challenges

Some enterprises do not actively report data, still need to urge report. Currently we had taken email, short message, telephone etc.

Data quality still has some questions, we have to detect the error data fast and accurately. NBS is currently researching a more comprehensive and efficient way to measure the data quality, such as the use of check templates.

Questions and future challenges

Part of the users are unskilled for the online reporting system, the server's response speed and network bandwidth also affect the efficiency of the system. As the increasing number of enterprises, NBS will further improve network technology to improve the online reporting system performance.

Thank you!

