

# A Study on Enterprise Statistics: the Status Quo, Reforms and Development

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## Abstract

Much improvement has been made in the field of enterprise statistics since China pursued the reforms and open policies to the outside world, yet barriers still exist and need to be met head-on and transformed into business capabilities so as to succeed in uncertain and dynamic business environments. This article discusses some recognized barriers and aspects for further reforms against such barriers, that is, in order to encourage statistical staff to engage in business management, enterprises need to develop a clear strategy so as to build up systematic statistical systems as well as skills and culture throughout the organization, and turn nonproductive behaviors into strengths through realigning roles, responsibilities and accountabilities with strategy and objectives.

## 1. The status quo and barriers in the field of enterprise statistics

Five barriers listed below are observed and recognized, and need to be met head-on and overcome.

- Top-down management style
- Rigid index system with less flexibility
- Much static statistical routines with less dynamic strategic consideration on early warning systems
- Poor vertical and horizontal communication
- Inadequate down-the-line statistical skills and development

## 2. How these barriers interact to affect performance

- Barriers one and four: top-down management style and the resulting poor communication.
- Barriers two and three: rigid index system less flexibility and the resulting much statistical routines but less strategic consideration on early warning systems.
- Barriers five and the others: top-down management style, rigid index system, too much statistical routines and the resulting inadequate down-the-line statistical skills and development.

## 3. Tendency and further reforms against above barriers

There shows a clear tendency for further reforms on enterprise statistical systems and barriers are expected to be overcome through overall engagement in business management. It is expected that further reforms on systems, structures, processes as well as values, cultures and behaviors will focus on the following aspects.

### ● Directions and objectives

There are five main objectives for reforms undertaking on enterprise statistical systems.  
Engage in business management

Continually renew ideas and concepts throughout the organization

Adopt comprehensive statistical philosophy, techniques and methodologies, integrate business with both its external and internal environments.

Improve processing and exploiting capabilities for statistical information and integrate descriptive statistics with inferential statistics.

develop down-the-line statistical perspective and skills required by market economy environments

### ● Further reforms and challenges

In order to achieve the above objectives, six aspects are being challenged by state owned businesses . It is noted that extents and priorities may differ from company to company as well as industry to industry.

Develop a creative recognition of the concept and function of enterprise statistics as well as the concept of its customers.

develop a clear strategy and priorities to reengineering enterprise statistics systems

foster and maintain statistical culture and integrate it with quality culture

Develop statistical information resources and deliver customer focused quality products and services

Coordinate all statistical activities throughout the organization and the outsiders.

Build up training and develop down-the-line statistical skills and perspective.

### 4 Summary

Enterprise statistics is an important part of business which provides necessary statistical information for an organization to survive and gain sustainable development and how to break down old models adopted by planned economy in the past and build up new models for market economy is quite a challenge for both the management and statistical staff .In order to promote further reforms on enterprise statistical systems, any barrier recognized need to be met head-on and overcome through clear strategy and priorities. It is expected that further reforms on enterprise statistics will emphasis much on its conceptual and cultural aspects as well as systems and structures .

Beaucoup de progrès ont été enregistrés dans le domaine de la la réforme de statistique des entreprises depuis que la Chine applique la politique de la réforme et de l'ouverture vers l'étranger, Mais il existe aussi des obstacles à surmonter, et les transformer en des capacités de gestion des afin d'assurer l'existence et le développement de l'entreprise dans un environnement instable et mouvementé . Le présent texte cherche à identifier des obstacles et à en discuter, ilaborde aussi certains aspects pour lesquel il faut continuer d'y faire des réformes, c'est-à-dire, pour encourager les statisticiens de participer à la gestion et à l'administration de l'entreprise, il faut que l'entreprise puisse développer une stratégie claire et définir un choix préférentiel en vue d'établir un système, une technologie et une culture de statistique qui embrasse toute la structure de l'entreprise et de façon systématique et de définir le rôle des statisticiens ainsi que leur responsabilité et leur droit à travers la stratégie de liaison et les objectifs, ce qui parviendrait finalement à transformer des actes sans effet de production en une supériorité de l'entreprise.