

Statistical Accounting Method of Information Industry

Ge Xin

Heilongjiang Statistics Bureau, P.R.China

No.202 Zhong Shan Road Harbin City

Harbin, China 150001

In this paper, the basic theory of Economics, especially Statistics, is applied to reveal and induce the basic connotation of Information Industry, the basic classification of Information Industrial Statistical Accounting and Information Industrial Accounting Method and its' demonstration analysis, which have significant academic and practical meaning.

This paper firstly summarizes the studies on Information Industry, Induces the viewpoints of wide school, narrow school combination of wide and narrow school and multiple angle analysis school. On this base, the following problems are emphatically studied and then some new viewpoints are presented.

1. The basic connotation of Information Industry is studied and discussed, Based on developing the theory of three level industrial classification, Information Industry, which follows Agriculture Industry, Machinery Industry and Service Industry, is defined as the fourth industry which includes Information Machinery Industry, Information Service Industry And Information Exploitation Industry. In the course of human society informationlization, Information Industry is the sum of mankind's all social activities of producing, collecting, processing, transforming, and transimitting information products and of direct providing mediums, techniques and material carriers for them. In Succession, the signs and characters of Information Industry are discussed. We hold that in the course of formation of Information Industry, there are at least four signs:①dependence of information Industrial Sectors;②comparatively complete categories of Information Industrial Sectors;③formation Industry labor is of profession and payment;④industrializationandautonomicalizationofcoretechniquesofmodeminformationtechniques. Compared with traditional industry Information Industry has many new characters :①density in knowledge and intelligence;②highly frequent innovation;③strong infiltration;④highproliferationandprofitability;⑤multilevel compositeness;⑥newanddevelopingforerunnerindustryofstrategy;⑦largeinput;⑧highrisk;⑨savingsresources and energies and with low public hazard.

2According to the Statistical Classification Standard of National Basic Statistical Unit Census and the classification principles which should be followed, this paper redefines the scope of Information Industrial Statistical Accounting and gives its concretely full and accurate classification. Information Machinery Industry includes:①Electronic and Computer Equipment Manufacturing containing five mid-classes ten small-classes; ②Telecommunication Equipment Manufacturing containing four mid-classes eight small-classes;③Instruments, Meters, Cultural and Clerical Machinery Manufacturing containing eight mid-classes twenty-seven small-classes;④Printing and Record Medium Reproduction containing two mid-classes threesmall-classes;⑤Information Chemicals Manufacturing;⑥Cultural, Educational and Sports Goods Manufacturing containing six mid-classes twelve small-classes;⑦Other Information Equipment Manufacturing. Information Service Industry includes:⑧Post and Telecommunication containing three mid-classes;⑨Information and Consultancy Services containing three mid-classes four small-classes;⑩Education containing three mid-classes thirteen small-classes;⑪Culture and Arts containing nine mid-classes; ⑫Radio, Film and Television containing three mid-classes; ⑬Scientific Research and Polytechnical Services containing twomid-classes twelvesmall-classes;⑭GovernmentandParty Agencies and Social Organizations containing five mid-classes;⑮Real Estate Brokerage and Agencies containing two mid-classes;⑯Geological Prospecting containing seven mid-classes;⑰Wholesale and Retail Trade of Information Equipment and Carriers. Information Exploitation Industry includes:⑱Software Development containing four mid-classes;⑲Data Exploitation and Application containing four mid-classes.

3In this paper, Information Industrial Accounting Method is deeply discussed and accounting contents and indicators system of Information Industry are advanced. Accounting contents involve the whole process of Production, Circulation and service, etc. in this industry. This paper also gives Information Industrial Survey methods, which include Synthetic Survey, Sector Survey, Sampling Survey and Typical Survey, and accounting methods, which contain two parts; the source of data and the survey and calculation of concrete indicators.

4.Moreover, this paper lays stress on the demonstration analysis of the development of Information Industry in Heilongjiang province.