The Operational Pattern on Urban Economic Surveys in Shanxi Province

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August 31, 2006

Shanxi Province is one of the provinces in the Central China, was named because it is situated in the Western of Taihangshan Mountain, covers a total area of 156 thousand square meters, has a total population of 35 million, has 11 regional level cities and has 119 counties, cities and regions. Shanxi was appraised as “The Coal Sea” in case has the special rich energy source of coal, and has been appraised as “The Cradle of Huaxia (China) Civilization” as one of birthplaces of Chinese Civilization, and has a lot of graceful Chinese traditional cultural heritages and rich tourist source very much. In addition, Shanxi has lots of ground ancient building, in which was set up before the Chinese ancient Song, Liao and Jin Dynasties and hold more than 70% of China now, has some well-known tourist scenic spots on the World such as the World Cultural Heritages-Pingyao Ancient City and Yungang Grottoes, one of Chinese famous five mountains-Beiyue Hengshan Mountain, the first Chinese Buddhism famous mountain-Wutaishan Mountain and the beautiful and graceful scenic view of mountain and river and so on. Welcome the global professional experts and friends to invest and create business, tourism and sightseeing, guidance for work in Shanxi.

I hereby will make an introduction to make an investigation on urban economic situation in Shanxi for you as following:
1. Organizational background

We had made a systematic investigation on urban economy through over all Shanxi Province in accordance with the unified arrangement by Shanxi Provincial People’s Government in the year of 2002.

1.1 Investigation objective

We can completely hold the developing scale，structure，benefit and other relative information about the second and the third industry in the Cities of Shanxi Province, set up and improve the urban economic investigation data storehouse and the system for directory storehouse of normal units, provide statistical service for improving the urban economic policy-making and managerial level of different-level governments in order to make and research and make the urban national economic and social developing plan, and provide the public with information service at the same time through make the investigation.

1.2 Object and scale of investigation

The objects of investigation are the legal business enterprises or corporations and household of individual business engaged in the second and the third industry in Shanxi Province. The scale of investigation is 22 cities in Shanxi Province, of which were approved to build by the State Council and the Ministry of Civil Affairs of PRC.

1.3 Investigation task

The main investigation task is including that the index of unit type，personal situation，financial situation，assets status，main production and operation and output ability of enterprise，the running status regarding main raw materials and energy source consume and technical and scientific development and etc. The due time is the day 31 December 2002; the term of investigation is the year 2002.
1.4 Organizational mode
We had made a systematic overall investigation on the legal business enterprise or corporation through the disposable general survey, and made the sample investigation on the household of individual business on the base of completely checking and knowing the real situation.

2. Present main difficulty and problem
We have to face a lot of difficulty and problems during our making the investigation on urban economic situation in Shanxi such as “The Eight Kinds of Difficulty”: 1. It’s difficult to collect the operating expenses; 2. It’s difficult to select and dispatch the relative personnel; 3. It’s difficult to train completely for personal; 4. It’s difficult to co-operate within the units; 5. It’s difficult to co-ordinate within the relative offices; 6. It’s difficult to fill the sheet by the enterprises; 7. It’s difficult to ensure the data quality; 8. It’s difficult to co-ordinate on profession.

3. Main organizational measure
3.1 To carry out all works surround the data quality core
“The data quality is the life of statistical work.” So we continuously make the quality-controlling as the main contradiction of urban economic investigation to resolve at first so that achieve the hi-quality investigation data through our all hard working, and obviously work out the master controlling objective for quality “The unit of investigation cannot be repeated and missed, the data is real and stable.” In order to realize this master objective, we will realize the master request on investigation of “The Five Ensure” and “The Three Consistent” through strictly control the data quality of Shanxi Province with “The Four Methods”. “The Four Methods to strict control” is insisting on strictly carry out the document of investigation, strictly carry out the duty of investigation, and strictly investigate and treat
the act to break laws and violate discipline. “The Five Ensure” is as following: 1. Ensure the recovery ratio of investigation sheet should be more than 99% of the controlling objective; 2. Ensure the filling ratio on the investigation sheet should be 100%; 3. Ensure the correct ratio of contents on the investigation sheet should be 100%; 4. Ensure the original sheet be 100%; 4. Ensure the original sheet should be normal and clear and the consistent ratio between computer and manual sheet should be 100%; 5. Ensure the ratio of signature on the basic investigation sheet should be 100%. “The Three Consistent” is that the figure is consistent with the real situation, the index is consistent with the regulation, and the computer is consistent with manual sheet.

3.2 To give full scope to administrative ability of different-level government
The investigation on urban economy of Shanxi was completed under the strong leading of all regional government and central government as one of specialty of Chinese economic investigation depend on the Chinese special political advantages. During our investigating, we have given a full scope to different-level administrative net. The provincial, municipal, regional governments completely set up the investigation leading teams and official organizations, the main leaders or department directors hold the post of the directors of teams. The neighborhood committee of community also have set up the working team for investigation in accordance with the relative request. The railway, banking and central competent department and large and mid-sized enterprise in Shanxi also have set up the relative investigation organizations. All-level investigation organizations completely carry out the objective responsible managerial system and issue the letter of working objective responsibility. All-level financial department also arrange the vocational operating expenses completely in accordance with the principle
of holding by different-level department so that support for the investigation work strongly.

3.3 Carefully selecting and dispatching and training for the investigation personnel

The different-level teams set up a investigation working troop with strong co-ordinate ability, hi-professional quality and hard working style in accordance with the principle of “keen-witted and capable and hi-effective”. During the case of selecting and dispatching the personnel, we completely utilize the urban community organization and statistical basic work net; give full scope to the advantage of completeness of basic statistical personnel. On the situation of shortage of personnel, we can fully utilize the advantage of rich labor resource of China to enlist the undergraduates as the volunteer to take part in investigation on economy.

During the training, we utilize a kind of special training method such as: The training for regional and urban and county team will be performed in accordance with the provincial standard; The training for county and street team will be performed in accordance with the regional and urban standard; The training for street and community will be performed in accordance with the county-level standard. In addition, we also set up a series o strict training system through examination and holding the certificate for different-level investigators, organized and trained all of investigators, statistician and account of administrative offices and enterprises and etc.

3.4 To carry out a solid job to check and know the real situation of unit

In case the directory storehouse is set up in China at the early stage now, so we must do a solid job to check and know fully situation of the units especially before make an investigation and registration on the units.

3.4.1 To strictly check the units one by one in accordance with the districts
We only achieve the real quality data through check and know fully the unit in order to realize the master request on quality “The units cannot be repeated and missed and the data is real and stable”. All regional cities teams of investigation shall dispatch the investigator to check the units one by one so that ensure cannot miss it through divide investigation area and draw a signal diagram of area in accordance with the signal diagram strictly. The basic investigation organization make the present directory storehouse of basic unit in this area as the foundation to check the data provided by the relative offices one by one so that work out the unit directory.

3.4.2 Carefully seeking and supply the omission

We will check the relative administrative registration data one by one after get the data for checking, and carefully seek and supply the omission. At first, we will repeatedly check the data through check and know fully the basic situation of unit with the administrative registered record, professional statistical data and basic general data of the basic unit supported by the relative offices, check the sequence of events of every unit, the alternate situation of every industry and do a solid job to seek and supply omission carefully on the base of above. During our checking, we utilize a important measure “We only complete the job of investigation and registration until complete the job of seeking and supplying omission”. During the investigation, all cities actively carry out the job in the combined-land between city and village, village in city, commercial and resident building and other important area so that make an obvious effective.

3.5 To utilize different investigation and registration method in accordance with the different type of units

The investigation and registration is that the general investigator fill the Sheet of Investigation & Registration in accordance with the description
form the professional directory under the united organization. During the case of operating, we shall utilize different investigation way in accordance with the different unit type.

3.5.1 To utilize the way “Making account as investigator” to the scale, norm and high-qualification level enterprises

The urban investigation organization directly organize the vocational training for all enterprises to distribute the investigation sheet in accordance with the name list from the dictionary and the present organization method and implement channel of the statistical annual report. The statistician, account and cashier will be made as the investigator of this enterprise.

3.5.2 To utilize the method that the investigator go to the sale, norm and low-qualification level enterprises to register

The investigator will directly take the sheet to go to the enterprises and co-ordinate the basic worker of the unit to fill the sheet at site in accordance with the principle of “Making the legal enterprise as the site for investigation”.

3.5.3 To utilize the sample survey to check and know fully the household of individual business

At first, we shall completely check and know fully the household of individual business, set up its directory storehouse, forms its sample structure. On the base of above, we shall make the city as one totality for investigation, utilize the isometric sample survey in accordance with the industry and etc to co-ordinate the investigation method of indirect information and scientific evaluation to make a sample investigation on every sample, and deduce a conclusion from the sample data at last so that validly settle the problem regarding its quantity is too the large and it’s difficult to achieve its real data.
3.6 To validly organize data treatment and work for conducting a selective examination to quality
We shall organize and carry out the work for treating data in accordance with the method of “Unified organize and treatment par profession”. The regional investigators directly input and check the data on the investigation sheet in accordance with the normal processing of data. The provincial investigators shall repeatedly check and collect the data from the lower level so that shall set up the data storehouse of Shanxi urban economic investigation.

3.6.1 Unified software platform of all cities
The urban or regional investigators shall use unified software for treating data by Shanxi Provincial Statistical Bureau in order to avoid the many transmission problem in case the different software make effect to the data form so that settle the problems that the county have no strong technologic ability and advanced computers especially to improve the working effective and quality.

3.6.2 Vocational division of labor under unified organization
The different-level office of economic investigation shall unified co-ordinate the equipment management, software maintenance, personal dispatching, technologic standard, checking request, inquire and error recovery and etc. The each professional investigation team shall be responsible for the special treatment job of the professional basic data on the basis of above.

3.6.3 To carry out master controlling to each professional unit directory and dictionary storehouse
During the course of each professional investigational team’s checking, inquire and error recovery to data, the relative investigator shall carry out any error recovery in any unit directory and dictionary storehouse under the
master controlling of the office of economic investigation, so that validly ensure the completeness, correctness and unification regarding the contents in the directory storehouse and each professional dictionary storehouse.

3.6.4 To carefully organize and carry out the job to conduct a selective examination to quality after affairs

After the urban investigators will complete the job of quality-examination by themselves in accordance with the provincial request, we shall divid several teams to conduct the selective examination to quality in 22 cities of Shanxi Province, strictly check the quality of investigation sheet from the lower-level basic offices and the situation about consistent between the computer and manual sheet, and check the selective communities one by one. The result through conduct a selective examination to data quality shows that the master quality of Shanxi Urban Economic Investigation Data is better. The main index-input and error ratio of filling sheet have been controlled within the allowed scale so as to meet the standard on data quality controlling.

3.7 To ensure the completeness of investigation in success through enforce the law strictly

At present the marketing economy system is being performed in China now. With the increasing of a lot of privately-owned mid or small enterprises and house holds of individual business more and more in the national market day by day, we shall not utilize market day by day, we shall not utilize the administrative order to carry out job in case it cannot meet the new situation and request. During our economic investigation, we shall enforce law to make statistics and investigation according to the laws. In order to make a good investigation on urban economy of Shanxi Province, Shanxi Provincial Statistical Bureau has made and issued the rules on examination through
enforce law. We have set up the examination team through enforce law, fully improve the statistical ability to enforce law, set up the quick-speed system to enforce law, perform the large-sized examination to data quality through enforce law through over all Shanxi Province, investigate and treat all kinds of act to break the statistical law and discipline, and build a good law environment for carrying out the economic investigation in success.

4. Main achievement

The job to make investigation on urban economy of Shanxi has been crowned with success through our series of above valid organization treatment. During the investigation, we achieved a lot of rich and true and complete statistical data so as to show the achievement of urban reformation and opening and modernization construction in Shanxi creditably and really.