

Preface

As regulated by statistic law, the Industry and Service Census, an enumeration to our fundamental national strength, should be periodically conducted by the government. The purpose conducting such census was to collect operation conditions, resources distribution, capital utilization, production structure of industry and service sectors, and other relevant industrial and economic activity of all industries. As such, it can well master the current management conditions and development trend of the industries and provide benchmark reference for our government to stipulate industrial and economic policy, the industrial and commercial entrepreneurs to develop their business, and the academic community to conduct research. This census has already established the mechanism to conduct every five years, its first initiation since 1954. And it was the 13th census was conducted, and census results play an important role for the government to the formulation of important economic construction plans, stipulation of industrial guidance policy, and the research of local industrial development strategy, fully demonstrating the effect as supporting policy.

At the initial stage of planning and design for this census, two pilot experimental surveys were done with in-depth review regarding previous difficulties encountered, the introduction of International Financial Reporting Standards (IFRS), adjusting the design of relevant financial questions, while scholars and experts from relevant authorities were invited for joint discussions to formulate the topics of this census. Besides the need to establish industry and service census population data, and the basic items linking the information of important time series of censuses, further in response to such policy requirements as regional economic integration, international division of labor trends, industrial optimization, and e-commerce implementation, it strengthened or added the information gathering of global allocation, overseas production, operational digitalization, e-commerce, and innovation activities. In addition, the Research & Development Service was first included in the scope of the census. Moreover, it strengthened the mastery of census objects in specific regions expecting that the census population is increasingly complete, and collected information also significantly diversified, to fully provide for policy and academic research as necessary.

To reduce the workload on fundamental work force and burden on manufacturers for form filling, and take into account the data quality, this census, apart from following the precedent case as merged or agreed to close the relevant survey, also actively integrated official and survey data of manufacturers to refine the population update operation and roster preparation process, in order to

enhance the completeness, correctness, and timeliness of the census volumes. In addition, it continuously expanded and integrated the functions of the administrative operation system, and realized the benefits of E-efficiency to improve the efficiency of administrative operation. The entirety of the survey, with the fully support of more than 10 thousand persons from each county (city) government and its affiliated (township, city, and district) and various departments of the central government, successfully completed by the end of August of 2017 on the comprehensive determination and visit investigation of more than 1.3 million of industrial and commercial and service establishments.

The raw data as collected in this census was mainly processed by computer and assisted by manual processing. In order to achieve better time efficiency to cope with the needs from all walks of life, important items were extracted from the census to conduct data processing, and then compiled into various kinds of classified statistic tables for summary analysis of preliminary results. When scholars, experts and the Census Review Committee of DGBAS review these results, they are then reported to Executive Yuan, and based on for production into the preliminary reports for the reference and application of the community.

Although the information of general report of census was enormous and took much time for processing, this census, through data processing flow adjustment, advanced to continuously publish respectively by industries, each county, city, and organized to prepare the general report starting from December 2018. In addition, in response to the local industrial policy implementation requirements, in addition to strengthening the statistical analysis of the county and city, it also planned to diversely display of the "local economy" industry settlement through the geographic information system.

This census was through good planning before conducting, in addition to the fact that census personnel can implement the investigation according to the designed operation plan and principles for cooperation and execution, and finally overcome various difficulties and accomplish tasks as qualified successfully. Besides, the industrial and commercial entrepreneurs interviewed also can work with the government policy well as they fully cooperated to provide comprehensive information. Their contributions are great. Furthermore, since the census committee of the department and the invited scholars and experts were considerate to instruct and review with regard to the census and the statistic results, so they can successfully carry out the tasks of census, and we should like to express our sincere gratitude for it.