

Egyptian economic census 2019

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Abstract

In Egypt, there is an economic census of economic establishments, whether for Aims to profit or non-profit, in order to identify the structure of the Egyptian economy and Recognition the informal economy. In 2017 there was a comprehensive inventory of the population and establishments. Many experiments were carried out to benefit from the 2017 census data until the 2019 economic census was conducted separately and the economic census was conducted by sample. A sample of 470000 establishments was extracted from the data stored on the basis of three calibrations 1 - economic activity 2 - number of workers 3 - geographical location. The design of the sample was taken into consideration. The design gives a larger weight for large establishments (10 workers and more) compared to small establishments, where they are fully integrated into the sample, as is evident from the data:

- Establishments employing (10) or more workers; it is comprehensively confined to the sample (100%),
- Establishments employing(5-9) workers, and 50% of the number of establishments are selected.
- Establishments employing (1-4) workers, and 5% of the establishments' numbers are selected.

Our data is collected electronically and stored. At the end of the economic census period, we will have data of about 470000 stored establishment. The data will be 470000 row \times 150 columns, which is about 700000000 cells, and this is considered a big data and will analyze these data and extract economic indicators with high professionalism .In order to provide a complete picture and detailed information on the structure and characteristics of the various economic activities and their geographical distribution, the extent of the contribution of each economic activity to GDP, the relative importance of each activity, and the structure of employment in various economic activities and their distribution according to groups Professions and knowledge of the ability and potential of each economic activity in providing new jobs that help to reduce the current unemployment rates and to identify the unused energy and the reasons of non-exploitation in every economic activity.

key words: Estimating the size of society - the sample