

Construction of an Information System for Analyzing Micro Data Collected in Japanese Government Statistical Surveys and its Application to EBPM

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Abstract

Since the implementation of the revised Statistics Law in May 2019, academic research use of microdata from official statistics surveys has become possible in Japan, in case that the data are analyzed at certified on-site facilities. An on-site facility is a facility that enables direct data analysis without downloading microdata from the central data center. Through this, information systems are being developed at universities and other institutions nationwide that can analyze all the information in statistical microdata exploratory. The ISM has established a consortium to promote the use of this new research environment system and is supporting its activities. The ISM has also launched a research project to examine how the use of on-site facilities can be evolved to enable social science research that provides the necessary basis for EBPM in an efficient manner. This presentation will report on the background and current status of the establishment of a new research environment that enables the use of Japan's official statistical micro data. In addition, I will report on the difficulties Japanese researchers face in conducting EBPM-related data analysis research at on-site facilities.

Keywords:

Micro Data from Official Statistics Surveys; On-Site Facility; EBPM.