



## Revision in the Sample Design of TANKAN using the Economic Census of Japan

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The Bank uses a sample survey framework for the Tankan (Short-term Economic Survey of Enterprises in Japan). It randomly extracts samples from a population based on the "Economic Census for activity" conducted by the Ministry of Internal Affairs and Communications. "Economic Census" has been a series of newly created survey to reveal the realities of economic activity for all establishments and enterprises in Japan. Census surveys basic information for enterprises: name, location and so on, as well as accounting information: sales, expense and so on.

In the next revisions of sample enterprises, Bank will improve the sampling methodology of Tankan by use these accounting information on "Economic Census," especially sales for each enterprises. Dividing the population into strata by the sales in addition to industry, Bank can improve the effectiveness of stratified sampling a lot and can achieve the statistical accuracy target with fewer samples.

**Keywords:** business survey; stratified sampling; economic census.