**Experimental Use of New Data Sources for**

**Prompt Identification of Changes in Firms’ Status**

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Singapore Department of Statistics (DOS) manages the Statistical Business Register (SBR), which serves as the foundational statistical database for the compilation of business and economic statistics. Firm characteristics from the SBR are also frequently used in statistical compilation and analytical studies to examine Singapore’s enterprise landscape and to support data-driven policymaking.

In response to increasing data demands, DOS has been developing its capabilities in the use of new data sources to supplement administrative and survey data in updating of the SBR and producing economic indicators. This paper will share DOS’s pilot project on “Early Triggering”, which aims to promptly identify changes in firms’ economic status through leveraging on various high-frequency data. In this pilot project, DOS has tapped on high-frequency administrative data sources of employment and revenue and explored the experimental use of meter data on electricity usage and stamp duty data. Qualitative data such as firms’ future restructuring plans from business expectations survey and web-scrapped text from business news and company announcements were also used to supplement the administrative data.

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