Title of paper

Enormous Success of Monthly Manufacturing Online Survey through National Enterprise-Wide Statistical Systems (NEWSS) Framework

Abstract

(200 – 350 words)

The Department of Statistics Malaysia (DOSM) has implemented modernization in data collection methods through development of integrated system called the National Enterprise-Wide Statistical Systems (NEWSS).

The system development is based on the NEWSS Framework and the workflow of the system is categorized into pre-collection, collection, processing, analysis and dissemination in accordance with the Generic Statistical Business Process Model (GSBPM).

5,000 samples of Monthly Manufacturing (MM) Survey required systematic, best practice and user friendly system for planning, data collecting, data processing, analysis, dissemination and monitoring. Thus, NEWSS was developed based on GSBPM to ensure all the requirements are met.

Implementation of MM Survey using NEWSS has helped to improved statistical service delivery especially the demand of statistical manufacturing in the competitive and dynamic economic environment. In addition, NEWSS has changed the way people work in DOSM through centralized system procedures, workflow, real time monitoring, cost effective process, security and data quality management.
The integration of pre-collection process in NEWSS with specify need, design and build in GSBPM, covers the updating of company’s business profile, the selection of the MM sample and printing questionnaire and address label. Updating information of field work is categorised under collection in GSBPM while the process of survey data capture and quality checks are categorised as process in GSBPM.

As a producer of national statistics, DOSM is ready to collaborate and share data across agencies and public to produce high-impact productivity statistics and support the national development policy. This direction will support Government to Government (G2G) services and Government to Citizen (G2C) services as well as to meet the aspirations for the implementation of Big Data Analytics (BDA).