

ABSTRACT

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Dashboard on Social & Economic Statistics: A Case study in Mukim Ayer Hitam, Muar, Johor, Malaysia

Data integration is very important and powerful in bringing together data from different sources and gaining more valuable outcome. Thus, the Department of Statistics Malaysia (DOSM) has developed a dashboard as a platform to integrate social and economic statistics with spatial data.

The first case study of self-updating on basic information of living quarters (LQ), population and integration with Malaysia Statistical Business Register (MSBR) was held in Mukim Ayer Hitam, Johor, Malaysia in June 2022.

It comprised 22 Enumeration Blocks, 2,705 geocode of each LQs, 6,798 person and 150 of establishments with geocode. This Dashboard was also integrated with other basic facilities such as school, hospital/ clinic, homestay and natural disaster area (potential area of floods.)

This case study is undertaken by the DOSM in collaboration with District office of Muar, Johor. It has been extended to other district or locality in state in Malaysia. It also serves as one of the input for the development of Malaysia Statistical Address register (MSAR) and Malaysia Statistical Population Profile (MSPP).

Keyword: Data Integration, spatial data, Social Statistics and Economic Statistics