



**Regional Workshop on
Improving Use of Administrative Data in Production of Official Statistics:
Role of Statistical Register Systems**

**COUNTRY PRESENTATION:
MALAYSIA**

**STATISTICAL
PROPERTY/ADDRESS
REGISTER**

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BACKGROUND

HOUSEHOLD FRAME IN DOSM

PAST

- A database management system that manages sampling frame for households (SPDRB)
- Contains a list of enumeration blocks (EB)

CURRENT

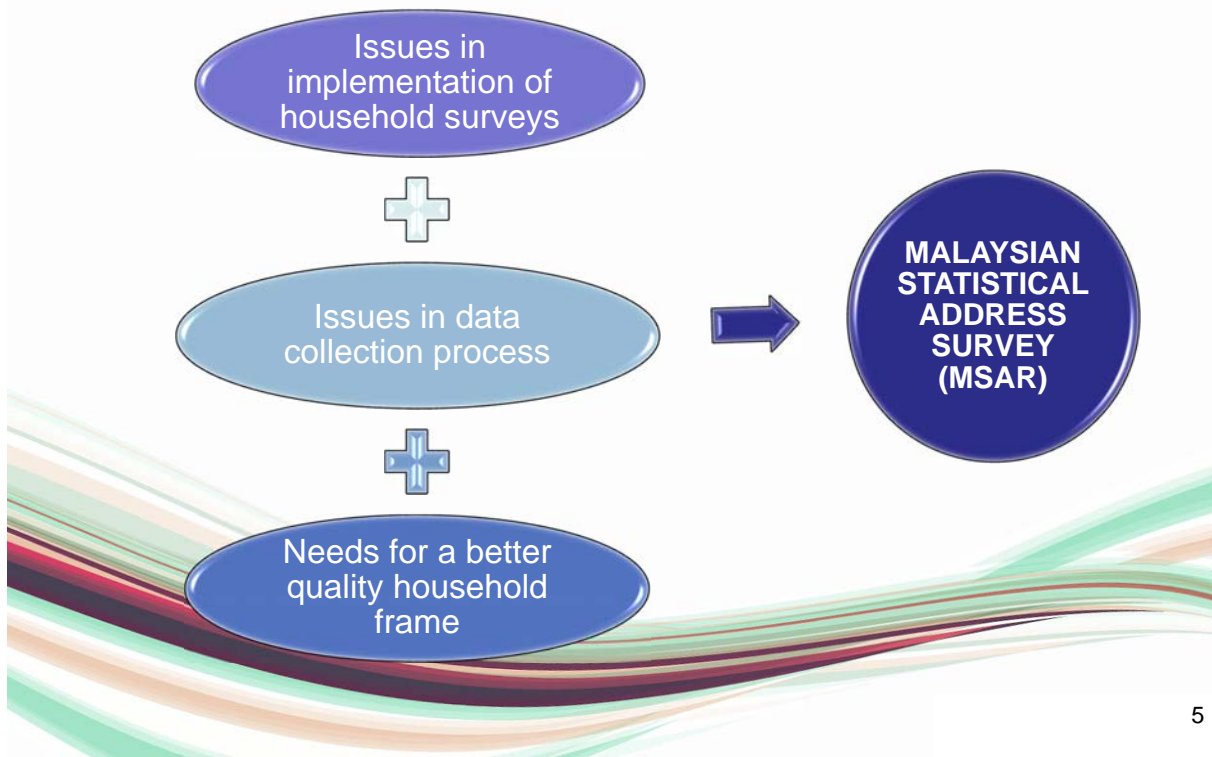
- Household Frame – a list of living quarters by EB
- Contains information on living quarters with an ID created by DOSM

FUTURE

- Address register system with a common identifier i.e. address of living quarters (LQ).
- Contains address and basic characteristics information of LQ

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WHY DO WE NEED AN ADDRESS REGISTER SYSTEM?



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OBJECTIVE OF MSAR

To develop a complete address frame for the purpose of surveys & census

To diversify approaches in data collection process of surveys & census

To diversify the sampling design methods for surveys

To reduce time and cost of data collection process in surveys & census

To improve the quality of surveys

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MSAR IN DOSM

Core Unit: Address of LQ

- serves as the primary identifier

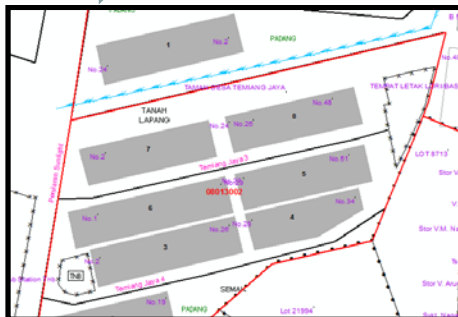
Data in MSAR are as follows:

- Unique ID number for the address - housecode;
- LQ basic characteristics, eg. type of LQ, facilities, construction materials of outer walls;
- Number of households & persons within LQ;
- Basic demographic characteristics of members, eg., sex, ethnicity
- Geocode of LQ

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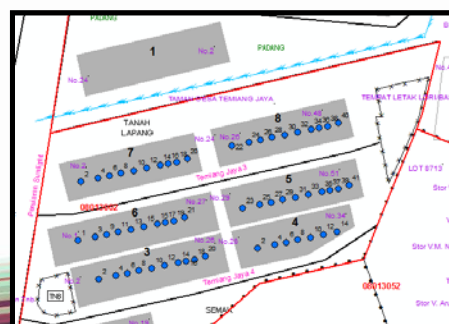
CURRENT

Digital maps by Building Units



FUTURE

Digital maps by points of LQ



DATA SOURCES FOR MSAR

- POS Malaysia
- Telekom Malaysia
- Water supply companies such as SYABAS, SAJ Holding Sdn. Bhd., PBA, SAMB, etc
- Tenaga Nasional Berhad
- Inland Revenue Board Of Malaysia (LHDN)
- National Registration Department
- Employees Provident Fund (KWSP)
- Election Commission of Malaysia (SPR)
- Local authorities
- Telecommunication communications service provider; eg. Maxis, Celcom, Digi, etc

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MSAR – ISSUES & CHALLENGES

Updating addresses

- Outdated addresses – no enforcement on changing of addresses

Under coverage of addresses

- Not all areas are covered esp. the rural areas
- Not all types of LQ are covered under administrative data

Various formats of addresses

- Different formats of addresses from data sources

Unavailability/duplication of variables

- Different agencies, different variables are collected
- Need to study the variables covered to get completeness of data

Quality Aspect

- Poor data quality in terms of addresses & missing variables from administrative sources
- Needs for field operators to check the 'cleanliness' of the addresses

Thank You....

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