SBR MAINTENANCE IN MALAYSIA
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METHODOLOGY & RESEARCH DIVISION

29-31 OKTOBER 2018
Technical Mission of SESRIC An Business And Registers, Brunei Darussalam
MAINTENANCE OBJECTIVE

-to update the coverage and content of the SBR, taking into account continuity and stability rules, according to a well-defined calendar, and in as timely a fashion as the information sources allow.

- to provide economic surveys with sampling frames that are accurate and as up to date as possible.
Keeping The EE Frame Up To Date

**Perfect frame**
- A perfect frame should reflect the real business world in terms of structures, classifications, linkages, data contents, availability status, and contact information.

**Applying GSBPM**
- Balance the need for accuracy, timeliness, and stability of the registered data.
- Minimise the effects of time series of shocks arising from the updating process.

**Operational Control Information Module** - 1 of the module in NEWSS
- These assist the field enumerators at state offices to access and provide survey feedback in real time, which improves the timeliness and efficiency of the updates.

**Integrated Listing Module (InLis) through Household Module**
- To accommodate the listing process for establishment/enterprises using maps beside the normal exercise for household.

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www.dosm.gov.my @StatsMalaysia @DrUzirMahidin @StatsMalaysia @Dr_Uzir
The maintenance strategy should take into account the following aspects:

**Sources of information**
- Administrative sources, feedback from surveys and SBR improvement surveys - and rules for dealing with conflicting information;

**Time dimension**
- Timing of the updates, the need for continuity and stability rules, and use of the historical register.

**Maintenance groups**
- Into which statistical units in the SBR are divided for efficiency and cost effectiveness of maintenance procedures;
Central agency and non-central agency

- Operational Information Control System
- Source: 14 DOSM’s State Offices

Quality Improvement Surveys

Industries which are not covered in any censuses/survey

Surveys/Censuses feedback

Administrative Data

Central agency and non-central agency
Administrative Sources

- Central agency (> 60 agencies) such as Companies Commission of Malaysia (CCM), Employees Provident Funds (EPF) etc.
- Non-central source is controlled at the states level such as local authorities/councils.
Statistical sources

- Updating based on censuses or surveys through a Operation Control Information Module in ISSF (NEWSS)

- Source: 14 DOSM’s State Offices
This Survey is conducted in order to gather information from the establishment that are not selected during any censuses or survey by DOSM.

Conduct annually
Conducting verification

Identifying business prospects (potential establishments for inclusion on the MSBR)

Updating records from survey feedback

Assigning of classification codes

Cross-checking data from sources against the existing MSBR

Taking and storing snapshots for frozen frame
PROCEDURE

Administrative Sources
- Received from related agencies
  - With various format

Manual Checking
- Identify unique ID
  - Standardized the format of unique ID

Completeness Checking
- Address
- Activity Classification

Complete: Integrated Statistical System
- Imported in ISS
  - Automated matching & coding

Malaysia Statistical Business Register (MSBR)
Matched: Update latest info
Unmatched: Consider as new establishment

Incomplete (no activity classification):
Screening Survey

Feedback from Screening Survey:
- Keyed-in in the ISS
PROCEDURE

MSBR

Active Establishment:
- Operating

Inactive Establishment:
- Closed
- Not Operating

Other Status:
- Address Problem
- Duplicate

Business Survey Frame

Selected as Sample
Not Selected

Feedback from Statistical Sources (Survey)
Feedback from Statistical Sources (Census)

Keyed-in in the ISS
Keyed-in in the ISS

Update MSBR
Update MSBR

Verification from 14 States Offices

Update from Administrative Data

Update MSBR
Update MSBR
PROCEDURE

- Fieldwork by enumerators (14 states offices)
- Feedback from Statistical Sources (Survey)
- Found new establishment
- Keyed-in in the ISS
- Keyed-in in the ISS
- Update MSBR
- Update MSBR

As at April 2018: 1,177,2561 active establishments
DIAGRAM ON UPDATE PROCEDURE
System Maintenance: Updating Records

- Adding births and 'removing' deaths
- Updating contact information
- Updating other business demography
- Updating employment details
- Updating classification codes
- Updating links between economic units
- Removing duplicates
Main screen of the system

Maintaining and updating through NEWSS platform
Establishment / Enterprise Module:
Able to get information on establishment / enterprise profile, address and basic data such as main activity, no. of employment, revenue etc.
MSBR is integrated with the data collection process through Operational Control Information (MKO) module. The module interconnects with the existing MSBR interface. The benefit is the accessibility to most recent information in MSBR.
Operational Control Information Module (Cont.)
Integration with the Collection System

- In the NEWSS platform the BR is integrated with the collection through Operational Control Information (MKO) module.

- The first benefit is the accessibility to most recent information in BR by the enumerators.

- increased the efficiency and timeliness of the updates.
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**Maklumat Induk**

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Total establishment in MSBR: 3,451,836
CHALLENGES

- differences in the definitions of variables between administrative and statistical systems.
- units used in those sources do not correspond directly to the definition of the required statistical units
- timeliness.
- Quality- conflict information
- Confidential
TERIMA KASIH & THANK YOU

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