Regional Course on Statistical Business Registers: Making a Business Case for an Operational Statistical Business Register

WHAT IS STATISTICAL BUSINESS REGISTER?

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MALAYSIA STATISTICAL TRAINING INSTITUTE

DEPARTMENT OF STATISTICS MALAYSIA
Introduction

• The Business Register is a structured list of establishments operating in Malaysia. It forms the basis of selection for statistical inquiries and for the calculation of estimates of attributes for the business population.

• **MALAYSIA STATISTICAL BUSINESS REGISTER (MSBR)** contains large and small business units, local kind-of-activity units as well as enterprise groups and central and local government bodies.

• Basic pillar in the system of Economic Statistics which facilitate the collection, interpretation and dissemination.

• Establishments are organized by industry and assigned an activity code based on the **MALAYSIA STANDARD INDUSTRIAL CLASSIFICATION (MSIC)**. The industry classifications in the register are based on MSIC 2008 version 1.0 which is comparable to ISIC 4 of the United Nations.
The Business Register exists primarily for the purpose of supplying a framework for all economic surveys. It is designed to:

1. Serve as a frame for the selection of establishment surveys
2. For the detection and construction statistical units
4. As a tool for mobilisation of administrative data
DOSM has developed an integrated and online system to streamline the business process model in BR as well as to replace the numerous non-integrated systems namely New Enterprise Wide Statistical System (NEWSS).

**1988**
- Central Register System (CRS) was initiated.

**1994**
- The CRS was set in a PC based using Dbase IV.

**1996**
- CRS upgraded with Local Area Network (LAN).

**2002**
- CRS upgraded with Wide Area Network (WAN).

**2010 Onward**
- Enterprise Establishment (EE Frame) National Enterprise Wide Statistical System (NEWSS).
• Foundation are driven by System of National Account
• Inline with Generic Statistics Business Process Model (GSBPM)
• Designed under Integrated Statistical Systems Framework (ISSF)
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.
DOSM has taken steps to strengthen the processes and quality assurance. BR maintenance is continuous activity. To ensure the BR is comprehensive, accurate, reliable, and timely.

**Generic Statistical Business Process Model (GSBPM)**

<table>
<thead>
<tr>
<th>SOURCES</th>
<th>COLLECTION PROCESS</th>
<th>OUTPUT</th>
<th>IMPROVE THE QUALITY OF THE REGISTER</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 Specify Needs</td>
<td>4 Collect</td>
<td>6 Analyse</td>
<td>8 Archive</td>
</tr>
<tr>
<td>2 Design</td>
<td>5 Process</td>
<td>7 Disseminate</td>
<td>9 Evaluate</td>
</tr>
<tr>
<td>3 Build</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

To ensure the sources are relevant to the user requirement and aligned with the changes in Malaysia business landscape.

These will involve identifying the units and running the collection process according to suitable formats which can be integrated with the register.

It will prepare the output to be validated and made ready for the release.

Finally, the evaluation phase will provide the information to improve the quality of the register.

The benefit applying the GSPBM is the standardisation of terminology between processes and organisations.
Kind of data in MSBR are as follows

- Unique ID number that serves as the primary identifiers;
- Company/establishment ID number created by source of agencies;
- Contact Information such as business name, postal and location address and others;
- Activity and industry classifications;
- Legal status and equity structure;
- Basic financial information such as revenue, expenditure, salary, number of person engage and others;
- Company and establishment organisation structure; and
- Census/survey control status indicators.
General Maintenance Procedures

- Conducting verification
- Identifying business prospects (potential establishments for inclusion on the MSBR)
- Updating records from survey feedback
- Assigning of classification codes
- Taking and storing snapshots
- Cross-checking data from sources against the existing MSBR
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
Kind of Data

- Unique ID number
- Company/establishment ID number
- Contact Information
- Activity and industry classifications;
- Legal status and equity structure;
- Basic financial information such as revenue, expenditure, salary, number of person engage and others;
- Company and establishment organisation structure; and
- Census/survey control status indicators.
### List of Establishments

<table>
<thead>
<tr>
<th>No. Siri</th>
<th>No. Pendaftaran (SSM)</th>
<th>Nama Pendaftaran</th>
<th>Nama Perniagaan</th>
<th>Kod Penyiasatan</th>
<th>Industri MSIC</th>
<th>Status Operasi</th>
<th>Negeri</th>
<th>No. Rujukan (SIDAP)</th>
<th>Status Rekod</th>
</tr>
</thead>
<tbody>
<tr>
<td>00000000179</td>
<td>000000000286</td>
<td>KILANG SAWIT</td>
<td>205</td>
<td>10401</td>
<td>Tidak menjalankan perusahaan</td>
<td>08,08,08</td>
<td>Lulus</td>
<td></td>
<td></td>
</tr>
<tr>
<td>00000000274</td>
<td>NORMAH BT ZAINUDDIN</td>
<td>ABDULLAH BIN MOHD GHAZALI</td>
<td>205</td>
<td>18221</td>
<td>Tutup</td>
<td>08,08,08</td>
<td>Lulus</td>
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<tr>
<td>00000000279</td>
<td>SAIDIN B DARUS</td>
<td>0000000002587</td>
<td>205</td>
<td>10712</td>
<td>Pendua</td>
<td>08,08,08</td>
<td>Lulus</td>
<td></td>
<td></td>
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<tr>
<td>00000000287</td>
<td>KILI SEAFOD EATABLE SDN. BHD.</td>
<td>272778 - T</td>
<td>205</td>
<td>10202</td>
<td>Operasi : Borang lengkap</td>
<td>12,12,12</td>
<td>Lulus</td>
<td></td>
<td></td>
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<tr>
<td>000000000788</td>
<td>TKT SUN ADVERTISING (M) SDN. BHD.</td>
<td>404908 - X</td>
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<td>01,01,01</td>
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<td>000000001456</td>
<td>PROJAS TRADING</td>
<td>MISDE SIPIN</td>
<td>205</td>
<td>10713</td>
<td>Operasi : Borang lengkap</td>
<td>12,12,12</td>
<td>Lulus</td>
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<tr>
<td>000000001456</td>
<td>PERUSAHAAN KEROPOK EXORA 1</td>
<td>ROSMAH TITING</td>
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<td>10713</td>
<td>Operasi : Borang lengkap</td>
<td>12,12,12</td>
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<tr>
<td>0000000002517</td>
<td>GROSSMAN PRODUCT SERVICES SDN. BHD.</td>
<td>218463</td>
<td>205</td>
<td>31001</td>
<td>Operasi : Borang lengkap</td>
<td>14,14,14</td>
<td>Lulus</td>
<td></td>
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</tr>
</tbody>
</table>
New Establishments
Operational Control Information Module

National Enterprise-Wide Statistical Systems

Menu

Laman Utama
- Direktori Saya
- Profil Banci / Penyiasatan
- Pra Pengumpulan Data
- Pengumpulan Data
- Daftar Sampel Kes
- Maklumat Kawalan Operasi
  - Pertubuhan / Enterpris
- Prosesan Data
- Penyebaran
- Pensampelan
- Rangka Pertubuhan / Enterpris
  - Pertubuhan / Enterpris
  - Tapisan
- Maklumat Agensi
- Penduae

« Kriteria Carian Untuk Maklumat Kawalan Operasi

- Banci / Penyiasatan
  - 000-Penyiasatan Umum
  - 101-Banci / Penyiasatan Tanaman
  - 103-Banci / Penyiasatan Ternakan
  - 104-Banci / Penyiasatan Perhutanan dan Pembalakan

- JP Negeri Bertanggungjawab
  - Jabatan Perangkaan Negeri Johor
  - Jabatan Perangkaan Negeri Kedah
  - Jabatan Perangkaan Negeri Kelantan
  - Jabatan Perangkaan Negeri Melaka

- Ibu Pejabat Negeri
  - Ya

- Pejabat Operasi

- Tahun Rujukan
  - 2016
  - 2015
MSBR : Statistics

<table>
<thead>
<tr>
<th>Establishments</th>
<th>• 946,980</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enterprise</td>
<td>• 944,210</td>
</tr>
<tr>
<td>Enterprise Group</td>
<td>• 1,327</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sectors</th>
<th>Total Estb.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Agriculture</td>
<td>14,950</td>
</tr>
<tr>
<td>Mining and Quarrying</td>
<td>940</td>
</tr>
<tr>
<td>Construction</td>
<td>64,646</td>
</tr>
<tr>
<td>Manufacturing</td>
<td>50,382</td>
</tr>
<tr>
<td>Environment</td>
<td>1,032</td>
</tr>
<tr>
<td>Electricity and Gas</td>
<td>337</td>
</tr>
<tr>
<td>Services</td>
<td>814,693</td>
</tr>
<tr>
<td><strong>Grand Total</strong></td>
<td>946,980</td>
</tr>
</tbody>
</table>
Keeping The EE Frame Up To Date

**Perfect frame**
- A perfect frame should reflect the real business world in term 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 on time series of shocks arising from the updating process

**Operational Control Information Module**
- These assist the field enumerators at state offices to access and provide survey feedback in real time which it improves the timeliness and the 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