STATISTICAL BUSINESS REGISTER: MALAYSIA EXPERIENCE

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Outline

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The Evolution of MSBR
Operational Structure of MSBR
MSBR Organizational Structure
MSBR Statistical Unit and Coverage
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INTRODUCTION

Introduction

Malaysia’s Statistical System

A **centralised system** and at the same time allows other government agencies to collect statistics to fulfill their own needs

**DOSM** the national statistical authority for official statistics
Governance Of Department of Statistics
Malaysia

ROLE BY VIRTUE OF STATISTIC ACT 1965 (REVISED 1989), Subsection 2(2)
Main agency to collect, interpret and disseminate official statistics for the purpose of policy making and national planning

- Statistical activities in DOSM guided by the TRANSFORMATION STRATEGIC PLAN 2015 – 2020 and MAIN USER COMMITTEE (headed by the Director General of Economic Planning Unit).
- An array of official statistics providing a window on the state of the society and the economy through primary and secondary data

The Evolution of Malaysia Statistical Business Register (MSBR)

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The Evolution of MSBR

- Business Demography
- Business Profiling
- Enterprise Establishment (EE Frame) National Enterprise Wide Statistical System (NEWSS)
- CRS upgraded with Wide Area Network (WAN)
- CRS upgraded with Local Area Network (LAN)
- The CRS was set in a PC based using Dbase IV
- Central Register System (CRS) was initiated

It is governed by the Statistical Act 1969 (Revised 1980), the department’s Strategic Transformation Plan 2015-2020 and National Development Plan.

Only internal user with specific ID is allowed to access the register.

Operational Structure of MSBR
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Operational Structure of MSBR

SBR Manager – Division of Research & Methodology (DRM)

Operation & Maintenance – DOSM State Office

Data Management & Quality Assurance – Section of Frame Management (DRM)

IT & system – MSBR Team (Division of Information Management)

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MSBR

ORGANIZATIONAL STRUCTURE
The development and maintenance of MSAR and MSBR for the purpose of providing the lists/sampling frames for carrying out censuses/sample surveys.

Preparation of sampling design and selection of samples for surveys carried out by the department. Consultancy services on statistical methods and sampling techniques to other divisions/government agencies.

Develop common research instruments and system to improve statistical activities:
- Improve data analysis activities
- Produce research publications in specific areas
- Develop methods to improve the quality of estimation
- Provide documentation of new research that was carried out for reference.
Coverage Of MSBR

The industry classifications based on MSIC 2008 version 1.0 (comparable to ISIC 4 of the United Nations)

Register comprises all of establishments/enterprise operating in Malaysia

Classifications by the principal activity of the unit (e.g., value added/output/sales by the goods produced or services rendered)
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**MSBR DATA ITEMS**

**MSBR Data Items**

- **Unique ID number**: Serves as the primary identifiers
- **Company/establishment ID number**: Created by source of agencies
- **Contact information**: business name, postal and location address and others
- **Legal status and equity structure**: Basic financial information
- **Activity and industry classifications (MSIC 2008 ver 1.0)**
- **Company and establishment organisation structure**
- **Censuses/surveys control status indicators**
- **SME status**
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MAINTENANCE OF MSBR
Main objective of MSBR is to provide censuses/surveys frame efficiently, reliably and timely.

**Administrative Data Source**
- Central agency and non-central agency

**Censuses/Survey Feedbacks**
- Operational Information Control System

**Quality Improvement Survey**
- Industries which are not covered in any censuses/surveys

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**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.
Main sources

The main activity of SSM is to serve as an agency to incorporate companies and register businesses as well as to provide company and business information to the public.

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Maintenance of MSBR

Statistical sources

- Updating based on censuses or surveys through a Operation Control Information Module in ISSF (NEWSS)
- Source: 14 DOSM’s State Offices

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MSBR Quality Improvement Survey

- This survey is conducted in order to gather information from the establishments that are not selected during any censuses or surveys by DOSM.
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Maintenance of MSBR

**Administrative Sources**
- Received from related agencies
  - With various format

**ID 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

**MSBR**
- Matched: Update latest info
- Unmatched: Consider as new establishment

**Incomplete (no activity classification):**
- Quality Improvement Survey

Feedback from Quality Improvement Survey:
- Keyed-in in the ISS

**Active Establishment:**
- Operating

**Inactive Establishment:**
- Closed
- Not Operating

**Business Survey Frame**
- Selected as Sample
  - Not Selected

Feedback from Statistical Sources (Survey):
- Keyed-in in the ISS
  - Update MSBR

Feedback from Statistical Sources (Census):
- Keyed-in in the ISS
  - Update MSBR

**Other Status:**
- Address Problem
- Duplicate

Update from Administrative Data:
- Keyed-in in the ISS
  - Update MSBR

Verification from 14 States Offices:
- Keyed-in in the ISS
  - Update MSBR
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MSBR ARCHITECTURE
CONCEPTUAL FRAMEWORK
National Enterprise-Wide Statistical System

• Foundation are driven by System of National Account
• Inline with Generic Statistics Business Process Model (GSBPM)
• Designed under Integrated Statistical Systems Framework (ISSF)

FUNCTION

To generate monitoring reports and analysis tools

To monitor the number/type of establishments in an enumeration block

MODULE

Screening Agency information Business Profiles

Establishment/Enterprise Duplicate Data Collection Respondent Management Control

Report Business Intelligence (BI)

Geographical Information System (GIS)- EE

Maintenance through list information from administrative sources.

Maintenance of establishment and enterprise information
Main screen of the System

National Enterprise-Wide Statistical Systems

Sila masukkan ID Pengguna dan Kata Laluan.

ID Pengguna
Kata Laluan

Log Masuk Reset

Lupa Kata Laluan

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ESTABLISHMENT/ ENTERPRISE MODULE

Establishment / Enterprise Module: Able to get information on establishment / enterprise profile, address and basic data such as main activity, no. of employment, revenue etc.
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Agency Information Module: Match and screen the relevant data needed whenever received from agencies.

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The benefit is the accessibility to most recent information in MSBR. The module interconnects with the existing MSBR interface, allowing for Operational Control Information (MKO) process through the data collection.

MSBR is integrated with the data collection process through Operational Control Information (MKO) module. The module interconnects with the existing MSBR interface, allowing for accessibility to most recent information in MSBR.
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BUSINESS INTELLIGENT MODULE

Laporan Rangka Pertubuhan/Enterprise

Jadual K1 - Laporan Pengemaskinian Rangka Pertubuhan/Enterprise Mengikut Kod Penyiasatan Dan Status Operasi

Data kedua mod terakhir adalah pada: 01/11/2014 05:32AM

Data kedua habis terakhir adalah pada: 01/11/2014 11:04AM

Business Intelligent: Allows user to analyse and evaluate the data.
# MSBR: Data Structure

**Establishment:**
- **SIDAP_ID:** A0000004948170001
- **BUSINESS_TYPE:** SSM - ROC
- **BUSINESS_REG_NO:** 0000004948170001
- **CHECK_DIGIT:** H

**Registered Name:**
- **TRADING_NAME:**
- **CREATED_TIMESTAMP:** 26/01/2000 00:00:00.000000000
- **LEGAL_STATUS_MS:** Sdn. Bhd./Pte. Ltd.

**Address (Yearly):**
- **REGION:**
- **STREET_1_A:** GRD. FLOOR, B1 TMN RIMBA, JLN. L. SANDAKAN
- **STREET_2_A:**
- **TOWN_A:** KOTA KINABALU
- **POSTCODE_A:** 88400
- **STATE_A:** SABAH
- **COUNTRY_A:** MALAYSIA

**Address (Location):**
- **REGION:**
- **STREET_1_B:** GRD. FLOOR, B1 TMN RIMBA, JLN. L. SANDAKAN
- **STREET_2_B:**
- **TOWN_B:** KOTA KINABALU
- **POSTCODE_B:** 88400
- **STATE_B:** SABAH
- **COUNTRY_B:** MALAYSIA

**Contact Information:**
- **EMAIL_A:** info@msbr.gov.my
- **EMAIL_B:** info@msbr.gov.my
- **URL_B:** www.msbr.gov.my

**Creator ID:**
- **MODIFIER_ID:**
- **WORKGRADE:**
- **MODIFIED_DATE_TIME:** 22/09/2014 08:26:01.976000000
- **STATUS.Record:** LULUS

**Additional Details:**
- **REGION:**
- **STREET_1_A:**
- **STREET_2_A:**
- **TOWN_A:**
- **POSTCODE_A:**
- **STATE_A:**
- **COUNTRY_A:**

**Address (Monthly/Quaterly):**
- **REGION:**
- **STREET_1_C:**
- **STREET_2_C:**
- **TOWN_C:**
- **POSTCODE_C:**
- **STATE_C:**
- **COUNTRY_C:**

**Contact Information:**
- **EMAIL_C:** info@msbr.gov.my
- **EMAIL_D:** info@msbr.gov.my
- **URL_C:** www.msbr.gov.my

**Additional Details:**
- **REGION:**
- **STREET_1_D:**
- **STREET_2_D:**
- **TOWN_D:**
- **POSTCODE_D:**
- **STATE_D:**
- **COUNTRY_D:**
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MSBR : Business Profiling

Struktur Enterprise

No. Sri 000000400013
No. Rujukan (SIDAP) C000001852858200013
Nama Pendataan B.I.G. INDUSTRIES BERHAD
Nama Pengiraan ANHYI

Maklumat Indik

No. Sri 000000400003
No. Rujukan (SIDAP) C000001852858200013
Nama Pendataan B.I.G. INDUSTRIES BERHAD
Nama Pengiraan ANHYI

B.I.G. INDUSTRIES BERHAD
- B.I.G. INDUSTRIAL GAS SDN. BHD. (3)
- HYPERVICTORY SDN. BHD.
- PUNCAK LUYANG SDN. BHD.
- PUNCAK LUYANG MANAGEMENT SERVICES SDN. BHD.
- LUAMBAI SDN. BHD.
- B.I.G. COMMUNICATIONS SDN BHD
- B.I.G. CONSTRUCTION SDN. BHD.
- LINEAR EXCELLENT SDN. BHD.
- SISTEM SDS SDN. BHD.
- ALPHA BILLION SDN. BHD.
- ALPHA BILLION MANAGEMENT SERVICES SDN. BHD.
- B.I.G. BAHTERA SDN. BHD.
- B.I.G. MARINE SDN BHD.
- KINALAJU SUPPLY SDN. BHD.
- UNI-MIX CONCRETE PRODUCTS SDN. BHD.
- TANI KUNAIH SDN. BHD.
BUSINESS PROFILING

SOME KEY SUCCESS FACTORS

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Engagement with Agencies

- Establish legal basis for access (if necessary)
- Develop relationship (e.g. IATC)
- Establish data access procedure
- Establish transmission procedures
- Standardized term ‘active/inactive’
- Promote statistical literacy
- COMMUNICATION ARRANGEMENTS

Standardization process: Economic activities

Example

MSIC recorded new activities in Malaysia

<table>
<thead>
<tr>
<th>2000</th>
<th>2008</th>
</tr>
</thead>
<tbody>
<tr>
<td>525</td>
<td>47</td>
</tr>
<tr>
<td>5251</td>
<td>479</td>
</tr>
<tr>
<td>52511</td>
<td>47911</td>
</tr>
<tr>
<td>52512</td>
<td>47912</td>
</tr>
</tbody>
</table>

Example: MSIC recorded new activities in Malaysia

<table>
<thead>
<tr>
<th>2000</th>
<th>2008</th>
</tr>
</thead>
<tbody>
<tr>
<td>525</td>
<td>47</td>
</tr>
<tr>
<td>5251</td>
<td>479</td>
</tr>
<tr>
<td>52511</td>
<td>47911</td>
</tr>
<tr>
<td>52512</td>
<td>47912</td>
</tr>
</tbody>
</table>

Promoted statistical literacy
Standardization process: SME definition

<table>
<thead>
<tr>
<th>Manufacturing</th>
<th>Services and Other Sectors</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sales turnover:</td>
<td></td>
</tr>
<tr>
<td>RM15 mil ≤ RM50 mil OR</td>
<td>Sales turnover:</td>
</tr>
<tr>
<td>Employees: From 75 to ≤ 200</td>
<td>RM3 mil ≤ RM20 mil OR</td>
</tr>
<tr>
<td></td>
<td>Employees: From 30 to ≤ 75</td>
</tr>
<tr>
<td>Sales turnover:</td>
<td></td>
</tr>
<tr>
<td>RM300,000 &lt; RM15 mil OR</td>
<td>Sales turnover:</td>
</tr>
<tr>
<td>Employees: From 5 to ≤ 75</td>
<td>RM300,000 &lt; RM3 mil OR</td>
</tr>
<tr>
<td></td>
<td>Employees: From 5 to ≤ 30</td>
</tr>
<tr>
<td>Sales turnover:</td>
<td></td>
</tr>
<tr>
<td>&lt; RM300,000 OR</td>
<td>Sales turnover:</td>
</tr>
<tr>
<td>Employees: &lt; 5</td>
<td>&lt; RM300,000 OR</td>
</tr>
<tr>
<td></td>
<td>OR</td>
</tr>
</tbody>
</table>

MSBR AT A GLANCE

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### MSBR AT A GLANCE

<table>
<thead>
<tr>
<th>Sectors</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Activities of extraterritorial organizations and bodies</td>
</tr>
<tr>
<td>B</td>
<td>Water supply; sewerage, waste management and remediation activities</td>
</tr>
<tr>
<td>C</td>
<td>Electricity, gas, steam and air conditioning supply</td>
</tr>
<tr>
<td>D</td>
<td>Construction</td>
</tr>
<tr>
<td>E</td>
<td>Manufacturing</td>
</tr>
<tr>
<td>F</td>
<td>Wholesale and retail trade; repair of motor vehicles and motorcycles</td>
</tr>
<tr>
<td>G</td>
<td>Mining and quarrying</td>
</tr>
<tr>
<td>H</td>
<td>Agriculture, forestry and fishing</td>
</tr>
<tr>
<td>I</td>
<td>Services</td>
</tr>
</tbody>
</table>

### WAY FORWARD
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Trade by Enterprise Characteristics (TEC)

StatsBDA

Big Data Analytic Project

CONCLUSION
Conclusion

Smart partnership with various agencies (MOU, etc)

In line with Guideline on SBR

Smart engagement with society/establishment

In line with GSBPM

Driven by System of National Account

Team Commitment

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