ASSURING QUALITY OF SBR

Demonstration On How Errors Are Handled in MSBR

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OUTLINE OF THE PRESENTATION

Introduction
Evolution of MSBR
Error Reason
Working Process
Conclusion
INTRODUCTION: Importance of Quality SBR

- Good actuality and timeliness to reflect the real economic situation
- To overcome barriers in term of quality
- To ensure the timely and reliable statistics
- Fulfilling the requirements of policy makers and the community for statistics

EVOLUSION OF MSBR

- It is governed by the Statistical Act 1969 (Revised 1980), the department’s Strategic Plan 2010-2014 and National Development Plan.
- Only internal user with specific ID is allowed to access the register.

- 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)
REASON OF DATA ERROR

Respondent was not paying attention to the questions and answered carelessly or in error.

Wrong information received from the sources

Business register don’t have good actuality and timeliness

PROCESS

DETAIL PROCESS OF UPDATING MSBR
WORKING PROCESS STRUCTURE

DMR
- Agency Information
- Screening New Establishment

State Office
- List of Establishment
- Screening New Establishment

SMD
- Screening New Establishment

SBR Team
- Group Screening

State Office
- Group Screening

New Business Frame Source

Updating

In Survey

Out Coverage

START

Received from OGA/Fieldwork

Reviewed Information in Establishment/Enterprise Frame

Existing in Frame?
- Yes
  - Updating Information
- No

Need Screening?
- Yes
  - Send Screening Form
- No

Send Reminder (if necessary)

Respond
- Yes
  - Complete Information Screening
- No

Field Work/Reviewed from other resources

Operational Control Information

Confirmation

Sample Selected

Sample not selected

Check for closed, duplicate, wrong survey, not operation and cover under status.

New Case

Amend

Approval from BMP

Confirmation

Amend by BMP

Agree?
- Yes
- No

Amend

Action

Approved

Amend

Rejected

Send to State Office for check

End
ERROR CHECKING & CORRECTION

MSBR → Sample Selected → NEWSS

Value Alert → Error Check → Operational Control Information (MKO)

Amend → Email Alert

National Enterprise Wide Statistical System NEWSS

Link: https://newss.stats.gov.my/newss-portal/
**VALUE ALERT**

**Process:**
- Data Collection
- Operational Control Information
- Establishment/Enterprise

**Status:** Amend

**Alert**
Value exceed 30%. Comparison previous data and latest data.
VALUE ALERT

Status: Amend

Alert

Value exceed 30%. Comparison data before and latest data

EMAIL ALERT

Not Operation

Wrong Survey

Duplicate

Closed
E-Mail Alert: Closed

ID and Status

E-Mail Alert: Duplicate

ID and Status
Quality Checking on Operation Status and Activity Classification

- Different Operation Status Annually and Monthly/Quarterly
  
  **P9 table- Before**
  
  **P9 table- After**

- Different Activity Classification Annually and Monthly
  
  **P10 table- Before**
  
  **P10 table- After**
CONCLUSION

- Manual checks
- Range and consistency checking during data entry
- Double entry and validation
- Data analysis screening for outliers

THANK YOU