Modernization in Compiling Malaysia’s International Investment Position (IIP) through Integrated System

Action Area D. Modernizing statistical business processes (SD3)

Changing what we do: how national statistical systems are transforming statistical business for the better

Presenter:

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Introduction

Collaborative effort in compilation, quality assessment and dissemination in accordance to SDDS

DOSM : COMPILERS : BNM

✓ Quarterly Survey of International Investment and Services
✓ Statistics Act 1965, Revised 1989

Prior to DOSM-BNM Joint Survey 2008

Legal Provisions

✓ Quarterly Report on External Assets Liabilities (EAL)

Central Bank of Malaysia Act 2009
Exchange Control Act 1953

DOSM-BNM collaborate the survey which is known as Joint IIP Survey that implemented through a modernized and advanced system namely International Transactions and External Position System (ITEPS) and the system was further strengthened and upgraded to External Sector Statistics System (ESS)
Virtual Event 15-18 June 2020
2020 Asia-Pacific Statistics Week
Leaving no one and nowhere behind

Input

Quarterly Joint IIP Survey

Output

✓ Data items as recommended by BPM6
✓ Compiled data on position, transactions & non-transactional data
✓ Coverage:
  - 57 Financial Institutions
  - 3,800 entities (end-investors, custodians & fund managers)
  - Custodians that have international financial transactions
✓ Reporting requirements:
  - Online submission
  - Deadline: 15 days after end of reporting period
✓ Submission status: 100% response rate

✓ DOSM official release:
  - Balance of Payments (BOP)
  - International Investment Position (IIP)
  - Coordinated Direct Investment Survey (CDIS)
✓ Central Bank’s publications:
  - External Debt Statistics
  - Coordinated Portfolio Investment Survey (CPIS)
  - International Banking Statistics
✓ Surveillance & analysis

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System Architecture and Process:

i. Submission by respondent through ESS

**Submission Components**
Data captured based on accounting principles with presentation similar to a balance sheet – asset/liabilities approach (DI, PI, FD, OI, Income component)

- Reporting Entities:
  - Banking Institutions
  - Non-Bank entities
  - Institutions
  - Labuan Offshore Entities
  - Gov. Agencies
  - Central Bank

**Processing Components**
Data item:
- Functional Category – DI, PI, FD, OI,
- Instrument type – Equity, Debt, Others
- Reporting Category – A/L, End-investors/Custodian
- Relationship

**Reports**
- International Investment Position
- Financial Account
- Investment Account
- EDS
- CPIS

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System Architecture and Process:

ii. Data transmission

- The BNM’s server being used due to BNM was the official institution for financial
- This system allows to generate daily report in order monitoring submission from company
System Architecture and Process:

iii. Data process  The system will identify and notify data with issues by business rules setting (validation will be done)

iv. IIP Report generating

**Report Generator**
- The generated reports can customize and filter for the items such as company names, profiles and sector information.
- 3 report categories: Fixed reporting (13 reports); Filtered reporting (133 reports); Ad-hoc reporting & Visualisation.

**Visualisation**
- The reports in the form of visual and graphic. Several visualisations have been applied such as pie charts, heat map and so on.

**Tabulation**
- This is the module that has been used to produce publication by BOP in quarterly and annual basis.
- The data and reports can be downloaded, printed and custom dashboard.
Conclusions

✓ the department can fully utilise the human resources and able to produce new statistics as this system needs fewer human resources as compared to before

✓ able to notify and remind the reporting entities to submit their report before the deadline

✓ no longer hard copy response or conventional reporting

✓ data collection is guaranteed with 100% response rate whereby reporting entities give cooperation by submitting the data online

✓ cost effective due to less paper works

✓ time efficiency - the release time of BOP and IIP statistics are reduced significantly from 8 weeks to 6 weeks after the reporting period