Short-term Statistics in Thailand

International Workshop on Short-term Statistics,
18-20 May 2015, Beijing, China

Economic and Social Statistics Bureau
Outline of Presentation

- Statistical System in Thailand
- The institutional set up for short-term statistics compiled in Thailand
- A review on monthly & quarterly surveys conducted by NSO
- Issues and challenges
Statistical System in Thailand

- The statistical system in Thailand is the decentralized system.
- The NSO has played the major role in producing basic statistics in almost every branch, most of which are statistics from surveying.
- The other government agencies can also produce statistics for their own purpose.
- The NSO has set up the first-ever Statistical Master Plan (2011-2015) for being a tool in administration and management statistical system of the country in order to produce standardized and harmonized statistics.
The institutional set up for short-term statistics compiled in Thailand

The key government agencies:

- 泰国国家经济和社会发展委员会
- 泰国财政部
- 泰国中央银行
- 泰国商务部
- 泰国工业部
- 泰国国家统计办公室
Office of the National Economic and Social Development Board (NESDB)

- Preparing data of Gross Domestic Product (GDP) both quarterly and annually, and formulating economic forecast which takes into account the world and domestic economic conditions as well as formulating policy recommendations concerning macroeconomic management.

Others
- National Income (NI) (frq: every year)
- I-O tables (frq: every 5 years)
- Flow of funds accounts (frq: every year)
- Capital stock (frq: every year)
Bank of Thailand (BOT)

- **Financial Markets** e.g. exchange rate, Interest rate, deposit facility, capital market, foreign exchange transaction, debt securities, etc.

- **Economic and Financial** e.g. economic indices and indicators, international trade indices, public finance, balance of payment, finance account, International reserves, etc.

- **Financial Institutions** e.g. summary statement of assets and liabilities, deposits and loans, capital funds, etc.

- **Payment Systems** e.g. payment transactions, cheque clearing system, retail funds transfer, etc.
Ministry of Commerce (MOC)

compiled monthly index;

- **Price Index (monthly)**, e.g.
  - Consumer Price Index (CPI)
  - Low Income Consumer Price Index (LPI)
  - Producer Price Index (PPI)
  - Construction Materials Price Index (CMI)
  - Export and Import Price Factor (EXI)
  - Rural Consumer Price Index (RPI)

- **Economic Index (monthly)**, e.g.
  - Business Cycle Index
  - Inflation Cycle Index
  - Business Expectation Index
  - Export Business Situation Index
  - Consumer Confidence Index
Ministry of Industry (MOI)

compiled industrial index (monthly);
- Manufacturing Production Index (MPI)
- Shipment Index
- Finished goods Inventory Ratio Index
- Capacity Utilization Rate
- Labor Index
- Labor Productivity Index
Ministry of Finance (MOF)

compiled monthly data on:
- Government Finance
- Government Expenditures
- Government Revenue
- Public Debt
- Imports and Exports

<table>
<thead>
<tr>
<th>Item</th>
<th>Current Yr</th>
<th>Last Yr</th>
<th>Amount</th>
<th>%</th>
<th>Current Yr</th>
<th>Last Yr</th>
<th>Amount</th>
<th>%</th>
</tr>
</thead>
<tbody>
<tr>
<td>Import duties</td>
<td>9,250.84</td>
<td>9,450.00</td>
<td>-199.16</td>
<td>-2.00</td>
<td>57,395.00</td>
<td>57,683.00</td>
<td>-287.00</td>
<td>-0.50</td>
</tr>
<tr>
<td>Export duties</td>
<td>19.60</td>
<td>28.00</td>
<td>-8.40</td>
<td>-30.02</td>
<td>137.00</td>
<td>105.00</td>
<td>32.00</td>
<td>30.48</td>
</tr>
<tr>
<td>Service charges</td>
<td>483.85</td>
<td>318.00</td>
<td>165.85</td>
<td>52.16</td>
<td>1,454.00</td>
<td>1,037.00</td>
<td>417.00</td>
<td>40.21</td>
</tr>
<tr>
<td>Total</td>
<td>9,764.28</td>
<td>9,796.00</td>
<td>-31.72</td>
<td>-0.32</td>
<td>58,987.00</td>
<td>58,825.00</td>
<td>162.00</td>
<td>0.28</td>
</tr>
</tbody>
</table>

Source: Customs Department
A review on monthly & quarterly surveys conducted by NSO

- The NSO produce the basic statistics for policy and measures formulation, including monitoring and evaluation of economic and social development of the country.
- 20-25 projects of statistical surveys and census conducted each year, based on strictly statistical techniques.
- 10-15 projects of special surveys on public opinion.
- Most of the surveys conducted by NSO are annual surveys.
- The NSO has conducted monthly & quarterly surveys only 4 projects as follows:
  - Labour Force Survey
  - Household Socio-Economic Survey
  - Quarterly Retail Survey
  - Permitted Construction Area Survey
A review on monthly & quarterly surveys conducted by NSO (contd.)

- Labour Force Survey: LFS

<table>
<thead>
<tr>
<th>Data items</th>
<th>Frequency</th>
<th>Data dissemination</th>
<th>Main User</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of population by labour force</td>
<td>Monthly, Quarterly, Annually</td>
<td>Survey Report, CD-Rom, Internet (<a href="http://www.nso.go.th">www.nso.go.th</a>), Data presentation Provincial and regional level and Whole Kingdom</td>
<td>NESDB, BOT, MOL (Ministry of Labour)</td>
</tr>
<tr>
<td>Number of employed person</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Labor force participation rate by age group, education, area, etc.</td>
<td></td>
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<td></td>
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<tr>
<td>Employed labour force by work status, industry, occupation, etc.</td>
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<td></td>
<td></td>
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<tr>
<td>Unemployment rate, etc.</td>
<td></td>
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</tbody>
</table>
A review on short-term statistics compiled by NSO (contd.)

- **Household Socio-Economic Survey : SES**

<table>
<thead>
<tr>
<th>Data items</th>
<th>Frequency</th>
<th>Data dissemination</th>
<th>Main User</th>
</tr>
</thead>
</table>
| • Average income per household  
  • Average expenditure per household  
  • Assets and liabilities  
  • Income distribution etc. | • Quarterly  
  • Annually | • Survey Report  
  • CD-Rom  
  • Internet (www.nso.go.th)  
  • Data presentation: *Regional level and Whole Kingdom* | • NESDB  
  • BOT  
  • Ministry of Commerce  
  • Ministry of Finance  
  • Ministry of Public Health  
  • Ministry of Agriculture & Cooperatives. |
A review on monthly & quarterly surveys conducted by NSO (contd.)

- Quarterly Retail Survey : QRS

<table>
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<tr>
<th>Data items</th>
<th>Frequency</th>
<th>Data dissemination</th>
<th>Main User</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Value of turnover by TSIC, size of establishment</td>
<td>Quarterly</td>
<td>• Survey Report</td>
<td>• NESDB</td>
</tr>
<tr>
<td>• Value of Stock by TSIC, size of establishment</td>
<td></td>
<td>• CD-Rom</td>
<td>• BOT</td>
</tr>
<tr>
<td></td>
<td></td>
<td>• Internet (<a href="http://www.nso.go.th">www.nso.go.th</a>)</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>• Data presentation: Whole Kingdom</td>
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</tbody>
</table>
A review on monthly & quarterly surveys conducted by NSO (contd.)

**Permitted Construction Area Survey : PCAS**

<table>
<thead>
<tr>
<th>Data items</th>
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<th>Data dissemination</th>
<th>Main User</th>
</tr>
</thead>
<tbody>
<tr>
<td>• Number of permits</td>
<td>• Monthly</td>
<td>• Survey Report</td>
<td>• NESDB</td>
</tr>
<tr>
<td>• Number of permitted construction</td>
<td>• Quarterly</td>
<td>• CD-Rom</td>
<td>• BOT</td>
</tr>
<tr>
<td>• Area of permitted construction</td>
<td>• Annually</td>
<td>• Internet (<a href="http://www.nso.go.th">www.nso.go.th</a>)</td>
<td>• REIC (Real Estate Information Center) etc.</td>
</tr>
<tr>
<td>etc.</td>
<td></td>
<td>• Data presentation: <em>Provincial, regional level and Whole Kingdom</em></td>
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</tbody>
</table>
Issues and Challenges

- To benchmark against international best practices and recommendations
- Strike balance between increasing user demand and reducing response burden
Thank you