



National Statistical Office  
Thailand

# Short-term Statistics in Thailand

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

# 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;



สำนักงานคณะกรรมการพัฒนาการเศรษฐกิจและสังคมแห่งชาติ  
Office of the National Economic and Social Development Board



BANK OF THAILAND



Ministry of Commerce  
กระทรวงพาณิชย์



กระทรวงการคลัง  
Ministry of Finance



กระทรวงอุตสาหกรรม  
Ministry of Industry Thailand  
กระทรวงอุตสาหกรรมเป็นที่พึ่งของผู้ประกอบการและประชาชนอย่างแท้จริง



# 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)

### Indicators/Statistics



#### Economics (Q4 2014)

QGDP	2.3 %
Per Capita GDP (all year round)	-
Inflation rate	1.1%
Export value (Million USD)	56,763

## Bank of Thailand (BOT)

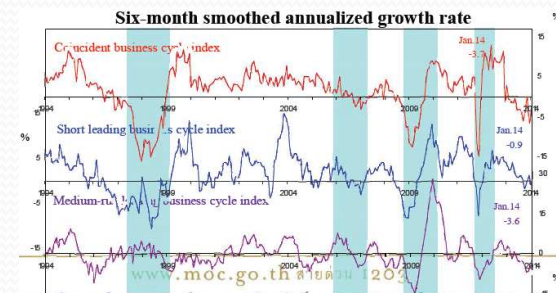
- **Financial Markets** e.g. exchange rate, Interest rate, deposit facility, capital market, foreign exchange transaction, debt securities, etc.
- **Economic and Financial** e.g. economic indices and indicators, international trade indices, public finance, balance of payment, finance account, International 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 ;

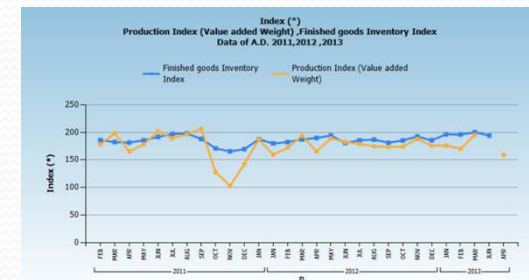
- Price Index (monthly) ,e.g.
  - Consumer Price Index (CPI)
  - Low Income Consumer Price Index (LPI)
  - Producer Price Index (PPI)
  - Construction Materials Price Index (CMI)
  - Export and Import Price Factor (EXI)
  - Rural Consumer Price Index (RPI)
- Economic Index (monthly) ,e.g.
  - Business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

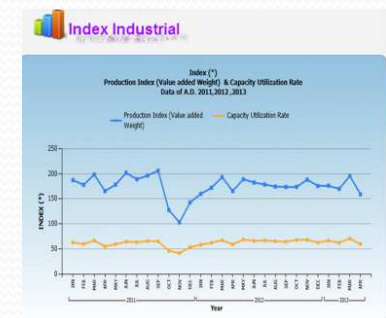


**Index Industrial**  
สำนักงานเศรษฐกิจอุตสาหกรรม

The Index not seasonally adjusted report  
Average month of March 2015

Indices	2014 (Mar)	2015 (Mar)	Change
Production Index (Value added Weight)	171.09	171.84	0.09
Production Index (Production Value Weight)	190.72	190.71	0.00
Shipment Index	183.21	183.32	0.06
Finished goods Inventory Index	216.92	186.54	-11.52
Finished goods Inventory Ratio Index	188.35	164.91	-11.44
Capacity Utilization Rate	61.84	62.19	0.21
Labor Index	114.04	111.52	-2.21
Labor Productivity Index	160.05	164.25	2.62

Remark : Annual average Year 2000 is the base month. Not seasonally adjusted.  
MOM = % Change from previous month  
YOY = % Change from previous year





# Ministry of Finance (MOF)



compiled monthly data on;

- Government Finance
- Government Expenditures
- Government Revenue
- Public Debt
- Imports and Exports

Government Revenue For Fiscal Year : Month/Year :

Source	Current Year	Last Year	Amount Changes over the LY	% Change
	122,941.00	112,535.00	10,406.00	
<b>Revenue Department</b>	<b>122,941.00</b>	<b>112,535.00</b>	<b>10,406.00</b>	
Personal income taxes	35,568.00	30,194.00	5,374.00	
Corporation taxes	20,719.00	19,599.00	1,120.00	
Petroleum income taxes	0.00	0.00	0.00	
Value added taxes	61,041.00	57,252.00	3,789.00	
Specific business taxes	4,411.00	4,477.00	-66.00	
Stamp duties	1,164.00	981.00	183.00	
	38.00	32.00	6.00	
	43,479.00	36,125.00	7,354.00	
	<b>43,479.00</b>	<b>36,125.00</b>	<b>7,354.00</b>	
	12,489.00	5,208.00	7,281.00	
	6,227.00	5,641.00	586.00	
	6,725.00	5,751.00	974.00	

Unit:Millions of Baht

Revenue Month : March Year : 2015					FY accumulation to Month March			
Item	Current Yr.	Last Yr.	Amount	%	Current Yr.	Last Yr.	Amount	%
Import duties	9,260.84	9,450.00	-189.16	-2.00	57,396.00	57,683.00	-287.00	-0.50
Export duties	19.60	28.00	-8.40	-30.02	137.00	105.00	32.00	30.48
Service charges	483.85	318.00	165.85	52.16	1,454.00	1,037.00	417.00	40.21
<b>Total</b>	<b>9,764.28</b>	<b>9,796.00</b>	<b>-31.72</b>	<b>-0.32</b>	<b>58,987.00</b>	<b>58,825.00</b>	<b>162.00</b>	<b>0.28</b>

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

Data items	Frequency	Data dissemination	Main User
<ul style="list-style-type: none"> <li>• Number of population by labour force</li> <li>• Number of employed person</li> <li>• Labor force participation rate by age group, education, area, etc.</li> <li>• Employed labour force by work status, industry, occupation, etc.</li> <li>• Unemployment rate, etc.</li> </ul>	<ul style="list-style-type: none"> <li>• Monthly,</li> <li>• Quarterly,</li> <li>• Annually</li> </ul>	<ul style="list-style-type: none"> <li>• Survey Report</li> <li>• CD-Rom</li> <li>• Internet (www.nso.go.th)</li> <li>• Data presentation <i>Provincial and regional level and Whole Kingdom</i></li> </ul>	<ul style="list-style-type: none"> <li>• NESDB</li> <li>• BOT</li> <li>• MOL (Ministry of Labour)</li> </ul>

## A review on short-term statistics compiled by NSO (contd.)

- Household Socio-Economic Survey : SES

Data items	Frequency	Data dissemination	Main User
<ul style="list-style-type: none"> <li>• Average income per household</li> <li>• Average expenditure per household</li> <li>• Assets and liabilities</li> <li>• Income distribution</li> </ul> <p>etc.</p>	<ul style="list-style-type: none"> <li>• Quarterly</li> <li>• Annually</li> </ul>	<ul style="list-style-type: none"> <li>• Survey Report</li> <li>• CD-Rom</li> <li>• Internet (www.nso.go.th)</li> <li>• Data presentation: <i>Regional level and Whole Kingdom</i></li> </ul>	<ul style="list-style-type: none"> <li>• NESDB</li> <li>• BOT</li> <li>• Ministry of Commerce</li> <li>• Ministry of Finance</li> <li>• Ministry of Public Health</li> <li>• Ministry of Agriculture &amp; Cooperatives.</li> </ul>



## A review on monthly & quarterly surveys conducted by NSO (contd.)

- Quarterly Retail Survey : QRS

Data items	Frequency	Data dissemination	Main User
<ul style="list-style-type: none"> <li>Value of turnover by TSIC , size of establishment</li> <li>Value of Stock by TSIC, size of establishment</li> </ul>	<ul style="list-style-type: none"> <li>Quarterly</li> </ul>	<ul style="list-style-type: none"> <li>Survey Report</li> <li>CD-Rom</li> <li>Internet (www.nso.go.th)</li> <li>Data presentation: <i>Whole Kingdom</i></li> </ul>	<ul style="list-style-type: none"> <li>NESDB</li> <li>BOT</li> </ul>

## A review on monthly & quarterly surveys conducted by NSO (contd.)

- Permitted Construction Area Survey : PCAS

Data items	Frequency	Data dissemination	Main User
<ul style="list-style-type: none"> <li>Number of permits</li> <li>Number of permitted construction</li> <li>Area of permitted construction.</li> </ul> <p>etc.</p>	<ul style="list-style-type: none"> <li>Monthly</li> <li>Quarterly</li> <li>Annually</li> </ul>	<ul style="list-style-type: none"> <li>Survey Report</li> <li>CD-Rom</li> <li>Internet (www.nso.go.th)</li> <li>Data presentation: <i>Provincial, regional level and Whole Kingdom</i></li> </ul>	<ul style="list-style-type: none"> <li>NESDB</li> <li>BOT</li> <li>REIC (Real Estate Information Center) etc.</li> </ul>



# Issues and Challenges

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

*Thank you*