



Short Term Indicators in Thailand

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National Accounts Office
Office of the National Economic and Social Development Board (NESDB)

Outline of presentation

Service Sectors in Thailand

Short Term Indicator

Quarterly Gross Domestic Product (QGDP)

The Way Forward



Service Sectors in Thailand

Gross Domestic Product 2015

Categories	Value Added (Billion of USD)		Share (%)	
	Current Price	CVM	Current Price	CVM
Agricultural	37.3	19.4	8.7	6.4
Manufacturing	130.7	91.1	30.6	30.2
Services	259.3	190.9	60.7	63.4
Total	427.3	301.3	100.0	100.0



Service Sectors in Thailand

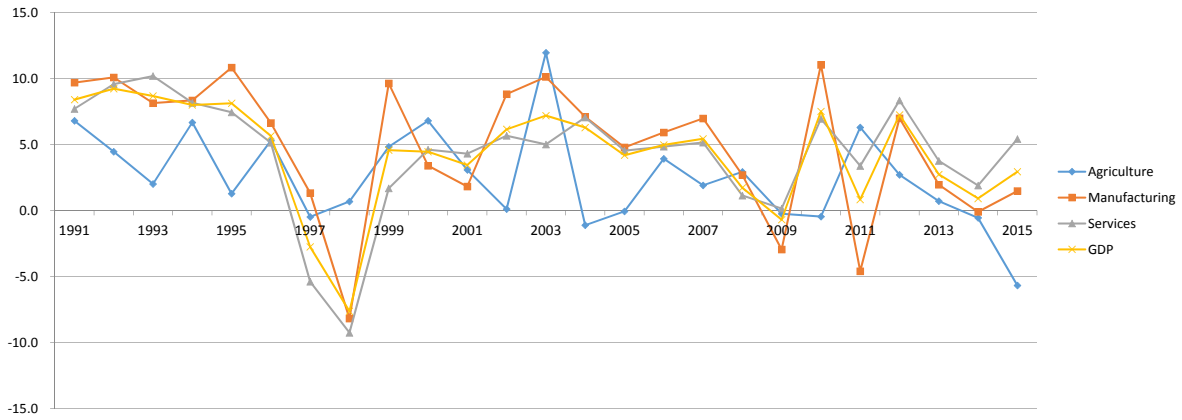
Contribution of Gross Domestic Product 1990 - 2015 at Current Price

	1990	1995	2000	2005	2010	2015
Agriculture	10.0	9.1	8.5	9.2	10.5	8.7
Manufacturing	28.8	27.6	30.7	32.5	34.3	30.6
Service	61.2	63.3	60.8	58.3	55.2	60.7
<i>Electricity, gas, steam and air conditioning supply</i>	1.8	2.1	2.5	2.5	2.4	2.5
<i>Construction</i>	6.0	7.3	3.0	3.0	2.8	2.8
<i>Wholesale and retail trade; repair of motor vehicles and motorcycles *</i>	18.5	17.4	16.7	14.4	14.0	14.2
<i>Transportation and storage</i>	5.5	5.5	6.5	6.0	5.6	5.7
<i>Accommodation and food service activities</i>	4.5	3.7	3.9	3.0	2.9	4.4
<i>Financial and insurance activities*</i>	5.5	8.0	3.9	5.5	5.4	7.6
<i>Public administration and defence; compulsory social security*</i>	3.7	4.5	5.9	5.8	5.9	6.1
<i>Education</i>	3.1	3.5	4.0	3.8	3.9	4.3
<i>Human health and social work activities</i>	1.8	1.7	2.0	1.9	1.9	2.1
<i>Others</i>	10.7	9.5	12.5	12.3	10.3	11.0
Gross domestic product, (GDP)	100.0	100.0	100.0	100.0	100.0	100.0

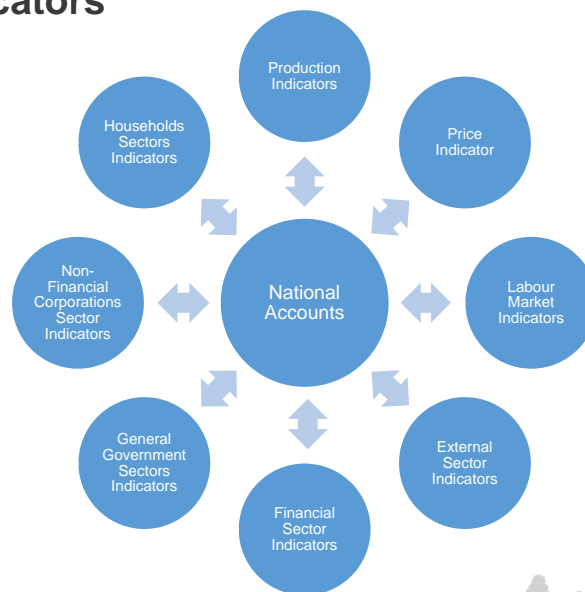


Service Sectors in Thailand

Growth Rate of GDP (1991 - 2015)



Short Term Indicators



Short Term Indicators

- Benchmark data or Reference data e.g. Industrial census
- Entrepreneur revenue declared for the value added tax (VAT) estimation, classified by ISIC
- Manufacturing production index (MPI)
- Price indices (CPI, PPI)
- Balance of Payment
- Permitted construction area
- Relevant surveys from NSO e.g. LFS, Business trade and services, SES
- Crops, livestock and fisheries forecast, Etc.
- Financial statements from relevant sources
- Sale of Beverage, tobacco, vehicles, electricity, etc.
- Government spending obtained from GFMS from the Comptroller General Department / MOF
- Local government spending obtained from e-LAAS from Department of Local Administration / MOI
- Number of tourist
- Tourist's expenditure
- Accommodation rate
- Etc.



Quarterly GDP

Production approach ; ISIC rev. 3

Agriculture	
Sector	Indicators/Source of Data
Agriculture, Hunting and Forestry	Output, Price, Planted area, Production cost/Office of Agricultural Economics Permitted slaughter livestock/Dept. of Livestock Development Quantity, Price of timber/Royal Forest Dept PPI, CPI
Fishing	Fisheries Statistics of Thailand/Dept. of Fishery PPI, CPI
Manufacturing	
Sector	Indicators/Source of Data
Mining and Quarrying	Quantity of Production and Sale, Price of Mineral Fuels / Dept. Of Mineral Fuels Revenue from VAT system / Dept .of Revenue
Manufacturing	Manufacturing Production Index (MPI) / Ministry of Industry Export and Import Quantity / Bank of Thailand Ex-factory price / Ministry of Commerce Revenue from VAT system / Dept. of Revenue



Quarterly GDP

Production approach ; ISIC rev. 3

Services	
Sector	Indicators/Source of Data
Electricity, Gas and Water Supply	Quantity and sale volume of electricity and water supply / MEA, PEA, MWA, PWA
Construction	Permitted construction area / BOT and Ministry of Interior
Wholesale and Retail Trade, Repair of Motor	Revenue from VAT System / Department of Revenue Number of register's automobile/Dep. of land transport CPI
Hotel and Restaurants	Number of Tourist (Thai & Foreigner) / Ministry of Tourism and Sports Tourist's Expenditure Survey / Ministry of Tourism and Sports Accommodation Rate / Ministry of Tourism and Sports Business trade and service survey / Ministry of Commerce Revenue from VAT System / Department of Revenue CPI
Transport, Storage and Communication	Administrative data / Dep. of land transport Financial Statement from Stock exchange market data
Financial Intermediation	Financial Statement of Commercial Banks / BOT Insurance Companies, Pension fund, Stock Exchange Market CPI



Quarterly GDP

Production approach ; ISIC rev. 3

Services	
Sector	Indicators/Source of Data
Real Estate, Renting and Business Activities	Revenue from VAT System / Dept. of Revenue, CPI
Public Administrative and Defence;	Government spending from GFMIS / Comptroller General Dept. Local government spending form e-LAAS / Dept. of Local Administration Salary index, CPI
Education	Government spending from GFMIS / Comptroller General Dept. Local government spending form e-LAAS / Dept. of Local Administration Revenue from VAT System / Dept. of Revenue, CPI Salary index, CPI
Health and Social Work	Government spending from GFMIS / Comptroller General Dept. Local government spending form e-LAAS / Dept. of Local Administration Revenue from VAT System / Dept. of Revenue, CPI Salary index, CPI
Other Community, Social and Personal Services Activities	Revenue from VAT System / Dept. of Revenue, CPI
Private Households with Employed Persons	Labour Force Survey / NSO Revenue from VAT System / Dept. of Revenue, CPI



Quarterly GDP

Expenditure approach

Private Consumption Expenditure	
Classification	COICOP (12 groups)
Indicators	Revenue from VAT system, Socio-economic survey (SES), Sale of Beverage, Tobacco, Vehicle, Electricity, CPI, etc.
Data Sources	Department of Revenue, NSO, Related state enterprises.

Individual consumption expenditure of households

- Food and non-alcoholic**
 - Food
 - Bread and cereals
 - Meat
 - Fish
 - Milk, cheese and eggs
 - Oil and fat
 - Fruit
 - Vegetables
 - Sugar, jam, honey, chocolate and confectionery
 - Food products n.e.c.
 - Non-alcoholic beverages
 - Alcoholic beverages, tobacco and narcotic
 - Alcoholic beverages
 - Tobacco
 - Clothing and footwear
 - Clothing
 - Footwear
 - Housing, water, electricity, gas and other fuels
 - Housing and water
 - Electricity, gas and other fuels
 - Furnishings, households equipment and routine maintenance of the house
 - Furniture and furnishings, carpets and other floor covering
 - Households equipment and routine maintenance of the house

- Health
- Transport
 - Purchase of vehicles
 - Operation of personal transport equipment
 - Transport services
- Communication
- Recreation and culture
 - Audio-visual, photographic and information processing equipment
 - Other recreation and entertainment
 - Newspaper, books and stationery
- Education
- Restaurants and hotels
- Miscellaneous goods and services
 - Personal care
 - Personal effects n.e.c.
 - Financial services
 - Other services n.e.c.
- Individual consumption expenditure of non-profit institutions serving households (NPISHs)
 - Health, education, and social protection
 - Other services n.e.c.
- Private final consumption expenditure in the domestic market
 - Plus : Expenditure of residents abroad
 - Less : Expenditure of non-residents in the country
- Private final consumption expenditure



Quarterly GDP

Expenditure approach

Government Consumption Expenditure	
Indicators	Government spending from GFMS Local government spending form e-LAAS Salary index CPI
Data Sources	The Comptroller General 's Dept. / MOF Dept. of Local Administration / MOI MOC

By classification of the functions of government (COFOG)

- General public services
- Defence
- Public order and safety
- Economic affairs
- Environmental protection
- Housing and community amenities
- Health
- Recreation, culture and religion
- Education
- Social protection

By type of service

- Collective
- Individual

By type of expenditure

- Compensation of employees
- Consumption of fixed capital
- Purchases from enterprises and abroad
- Less: Purchases by households and enterprises
- Social transfers in kind - purchased market production



Quarterly GDP

Expenditure approach

Gross Fixed Capital Formation	Change in Inventories	Import & Export
Classified	Indicators	Indicators
<i>CPC, Type of asset, Institution</i>	<i>Industrial Inv. Index from, Retail survey by NSO, Imports & Exports Statistic, CPI, PPI</i>	<i>Monthly data from custom dept., Import/Export price Index from MOC and BOT, Balance of Payment from BOT</i>
Indicators	Data Sources	Data Sources
<i>Permitted construction area, Government spending from GFMS State enterprises survey by NAO Balance of Payment Revenue from VAT system Production from GDP</i>	<i>MOI, NSO, BOT,</i>	<i>BOT, MOF</i>
Data Sources		
<i>NSO, BOT, Comptroller General Dept. / MOF Dept. of Revenue / MOF</i>		



The Way Forward

Service Production Index (SPI)

Salary Index (quarterly)

Quarterly GDP; ISIC Rev.4

Quarterly Gross Province Product (QGPP) - - > SEZ

