

## EXECUTIVE SUMMARY



# *Executive Summary*

## *Capital Stock of Thailand in 2020*

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### Overview

#### 1. Gross Capital Stock

Gross capital stock at replacement cost in 2020 was 61,437.7 billion baht, reducing from 2019 by 716.6 billion baht. The negative outcome mainly resulted from a decrease in private capital stock by 1,174.0 billion baht, predominantly underpinned by the COVID-19 pandemic, which hindered the economic activities and weakened the overall economy. The private sectors directly impacted were tourism and export sectors influencing businesses to delay their new investment plans. Nonetheless, the gross capital stock of the public sector increased by 457.4 billion baht, according to an increase in the disbursement of public investment on both equipment and construction in the latter half of the year.

#### 2. Net Capital Stock

Net capital stock at replacement cost valued at 38,419.7 billion baht dropped by 386.0 billion baht from 2019. However, compared to GDP at current prices, which was 15,698.3 billion baht in 2020, net capital stock at replacement cost was about 2.4 times larger than GDP.

##### 2.1 Net Capital Stock classified by institutions

The private sector owned the majority proportion, accounting for 67.7% of total net capital stock and the remainder of only 32.3% held by the public sector.

##### 2.2 Net Capital Stock classified by economic activities

1) **Agricultural sector:** net capital stock at replacement cost in 2020 recorded at 2,937.1 billion baht. By terms of chain volume measures, the net capital stock decreased by 1.4%, in contrast to an increase of 0.9% in 2019.

2) **Non-agricultural sector:** net capital stock at replacement cost in 2020 was 35,482.6 billion baht. In real terms, it dropped by 1.0%, in contrast to a rise of 1.3% in 2019. Precise details for the Industrial and service sectors are as follows.

- **Industrial sector:** net capital stock shrank by 0.3%, in contrast to a rise of 0.02% in 2019, due mainly to a fall in investment in manufacturing machinery.

- **Service sector:** net capital stock declined by 1.3%, sharply falling from a rise of 1.9% in 2019. The negative outcome was the reduction in major sectors, such as accommodation and food service activities, transportation and storage, wholesale

and retail trade and arts, entertainment and recreation. In addition, those sectors were severely affected by the spread of the COVID-19, which consequently caused investors to delay their investment plans.

**Table 1 Value, Structure and Growth Rate of Gross Capital Stock and Net Capital Stock**

Unit – Billion Bath

	2015	2016	2017	2018	2019	2020p
Value of Gross Capital Stock at Replacement Cost	56,670.4	57,214.1	59,100.4	61,086.6	62,154.3	61,437.7
Growth Rate of Gross Capital Stock at CVM (%)	1.9	2.6	2.2	2.8	1.4	-1.1
• Public	3.5	3.2	-1.9	1.6	-0.4	2.2
• Private	1.0	2.3	4.4	3.5	2.3	-2.7
Value of Net Capital Stock at Replacement Cost	35,830.1	36,054.5	37,081.2	38,260.7	38,805.6	38,419.7
• Public	11,981.9	12,065.3	11,812.7	12,125.2	12,125.3	12,421.3
• Private	23,848.2	23,989.2	25,268.5	26,135.5	26,680.3	25,998.4
Growth rate of Net Capital Stock at CVM (%)	1.7	2.7	2.3	3.1	1.3	-1.0
• Public	1.8	2.4	-2.2	0.8	-0.4	2.2
• Private	1.7	2.8	4.6	4.2	2.1	-2.4

### 3. Capital factor sector analysis and sources of economic growth in 2020

#### 3.1 Incremental Capital Output Ratio: ICOR

##### Overview

In 2020, the Thai economy was adversely impacted by the COVID-19 pandemic, which caused a reduction in production and investment. Thus, net capital stock decreased. As a result, this year, ICOR registered at 0.41, which implied a one-unit drop in GDP, generating a decrease in 0.41 units in the capital factor. The following details presented the individual productivity as follows.

**Agriculture sector:** ICOR of the agriculture sector was 1.34. This year, there was a reduction in production and net capital stock due to a widespread drought leading to considerable yield losses.

**Industrial sector:** In 2020, the ICOR of the manufacturing sector was 0.10, resulting from a fall in both production and net capital stock of the industrial sector. An adverse outcome was from the outbreak of the COVID-19 pandemic domestic and abroad, in

combination with the lockdown measure obstructing the manufacturing production, as can be seen from the capital utilization rate falling from 66.28 in 2019 to 60.98 in 2020.

**Service sector:** ICOR was 0.49 due to a fall in its value added and net capital stock. The service sector was adversely affected by the measures to prevent and control the COVID-19 spread and travel restrictions which limited the number of tourists, so the number of foreign tourists decreased sharply this year.

### 3.2 Capital Productivity: CP

#### Overview

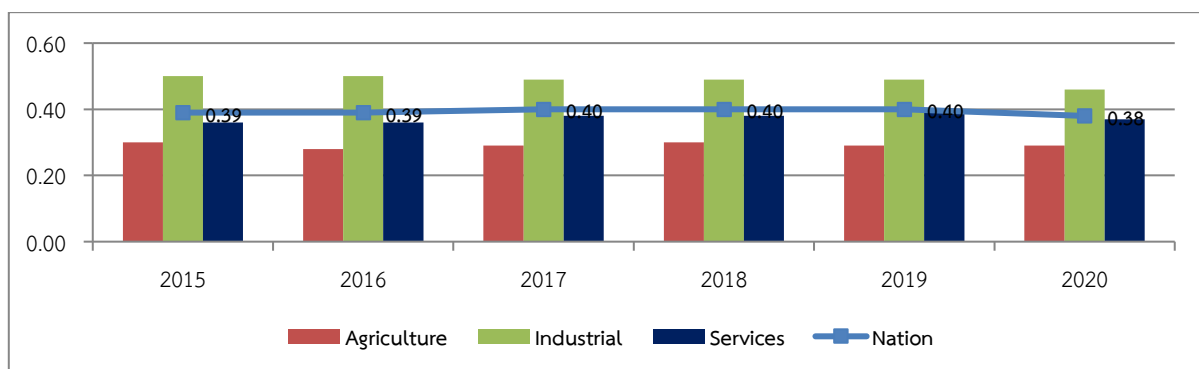
Capital productivity in 2020 was 0.38, falling from 0.40, which remained constant during 2017-2019. The decrease indicated that each unit of capital is used to produce 0.38 units of GDP. Capital productivity is discussed in detail below.

**Agricultural sector:** In 2020, capital productivity of the agricultural sector was 0.29, implying one unit of capital resulted in 0.29 units in agricultural value-added. However, compared to 0.38 of the national average, the agricultural sector had the least efficient capital productivity.

**Industrial sector:** Capital productivity of the industrial sector was 0.46. Based on this estimate, one unit of capital used in the industrial sector could contribute to 0.46 units of industrial value added. In 2020, CP was lower than the previous year, recording at 0.49, which remained at the same rate since 2017. Thus, capital productivity was continuing to fall from 0.50 in 2016; however, the capital productivity of this sector outperformed other sectors.

**Service sector:** Capital productivity of the service sector was 0.37, lower than 0.39 in the previous year. Compared to the 0.38 of the national average, the capital productivity of the service sector was slightly lower than the national average.

Figure 1 Capital Productivity of Thailand, 2015-2020



### 3.3 Total Factor Productivity: TFP

In 2020, the Thai economy plunged by 6.1%, in contrast to an increase of 2.3% in 2019. When considering the source of growth, the adverse effect was attributed to TFP and capital factor, which dropped by 5.53%, and 0.63%, respectively. However, the labour factor grew by 0.06%. The contraction of TFP was partly due to the COVID-19 pandemic, which prompted the control measures of the COVID-19 spread. Consequently, it caused inefficient capital usage. TFP by the source of growth is discussed below.

**Agricultural sector:** In 2020, the agricultural sector declined by 3.6%, compared to a fall of 0.6% in the previous year. When considering the source of growth, all factors recorded negative values, including a 1.1% fall of capital factor, a 0.01% fall of labour factor, and a 2.45% fall of TFP.

**Industrial sector:** The industrial sector in 2020 decreased by 5.9%, compared to 0.0% in 2019. In this year, all sources of growth recorded the contraction, consisting of a 0.72% fall of labour factor, a 0.18% fall of capital factor, and a 5.03% fall of TFP.

**Service sector:** In 2020, the service sector shrank by 6.5%, dramatically falling from a rise of 3.9% in 2019. This negative outcome contributed from the capital and TFP factors with decreases of 0.75% and 6.20%, respectively. However, the labour factor increased by 0.43% this year.

**Table 2 Capital factor analysis and sources of economic growth in 2020**

	ICOR*	CP**	GDP Growth	Labor	Land	Capital	TFP***
<b>Overall</b>	0.41	0.38	-6.10	0.06	0.00	-0.63	-5.53
● Agriculture	1.34	0.29	-3.57	-0.01	-0.01	-1.10	-2.45
● Industrial	0.10	0.46	-5.94	-0.72	-	-0.18	-5.03
● Services and others	0.49	0.37	-6.52	0.43	-	-0.75	-6.20

\*Incremental Capital Output Ratio: ICOR

\*\*Capital Productivity: CP

\*\*\*Total Factor Productivity: TFP

## Summary of Thailand's capital stock

	2015	2016	2017	2018	2019	2020p
Growth rate of GDP (%)	3.1	3.4	4.2	4.2	2.3	-6.1
Net capital stock at replacement cost (Billion Bath)	35,830.1	36,054.5	37,081.2	38,260.7	38,805.6	38,419.7
• Public	11,981.9	12,065.3	11,812.7	12,125.2	12,125.3	12,421.3
• Private	23,848.2	23,989.2	25,268.5	26,135.5	26,680.3	25,998.4
Growth rate of Net Capital Stock at CVM (%)	1.7	2.7	2.3	3.1	1.3	-1.0
• Public	1.8	2.4	-2.2	0.8	-0.4	2.2
• Private	1.7	2.8	4.6	4.2	2.1	-2.4
Structure of Net Capital Stock (%)						
• Public	33.4	33.5	31.9	31.7	31.2	32.3
• Private	66.6	66.5	68.1	68.3	68.8	67.7
Net Capital Stock at Replacement Cost (Billion Bath)						
• Agriculture	2,849.8	2,831.8	2,768.0	2,973.3	3,029.5	2,937.1
• Industrial	9,314.2	9,465.7	9,874.9	10,333.8	10,419.7	10,399.7
• Services and others	23,666.1	23,757.0	24,438.3	24,953.6	25,356.4	25,082.9
Growth Rate of Net Capital Stock at CVM (%)						
• Agriculture	0.2	3.7	2.6	3.1	0.9	-1.4
• Industrial	0.7	3.0	3.4	4.1	0.02	-0.3
• Services and others	2.3	2.4	1.8	2.7	1.9	-1.3
Incremental Capital Output Ratio: ICOR	1.46	1.99	1.42	1.87	1.42	0.41
Capital Productivity: CP	0.39	0.39	0.40	0.40	0.40	0.38
• Agriculture	0.30	0.28	0.29	0.30	0.29	0.29
• Industrial	0.50	0.50	0.49	0.49	0.49	0.46
• Services and others	0.36	0.36	0.38	0.38	0.39	0.37
Total Factor Productivity: TFP						
• Agriculture	-6.10	-3.45	2.76	2.90	-0.95	-2.45
• Industrial	1.19	-0.39	0.72	-0.47	0.63	-5.03
• Services and others	3.49	3.22	4.32	3.19	2.31	-6.20
• Overall	2.11	2.04	2.91	1.80	1.67	-5.53

Source: National Accounts Division, Office of the National Economic and Social Development Council

CAPITAL STOCK OF THAILAND  
2020 EDITION

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# CAPITAL STOCK OF THAILAND IN 2020

## 1. Overview

### 1.1 Gross Capital Stock

Gross capital stock at replacement cost in 2020 was 61,437.7 billion baht, decreased by 716.6 billion baht from 2019 because the private sector's investment fell by 1,174 billion baht; meanwhile, that of the public sector grew by 457.4 billion baht. In real terms or CVMs, gross capital stock decreased by 1.1%, in contrast to a 1.4% rise in the previous year, due mainly to the spread of COVID-19 disrupting the economic activities and causing uncertainty on the overall economy; consequently, directly affected private enterprises, particularly tourism sector, and exports. As a result, they needed to postpone their investment. However, the gross capital stock of the public sector increased by 457.4 billion baht, according to an acceleration of investment budget disbursement for equipment and construction in the latter half of the year.

### 1.2 Net Capital Stock

Net capital stock at replacement cost was 38,419.7 billion baht in 2020, decreased from the previous year by 386.0 billion baht. However, compared with GDP at current prices valued at 15,698.3 billion baht, the net capital stock was approximately 2.4 times higher than GDP's value.

Figure 1 Value of Net Capital Stock and GDP at current prices

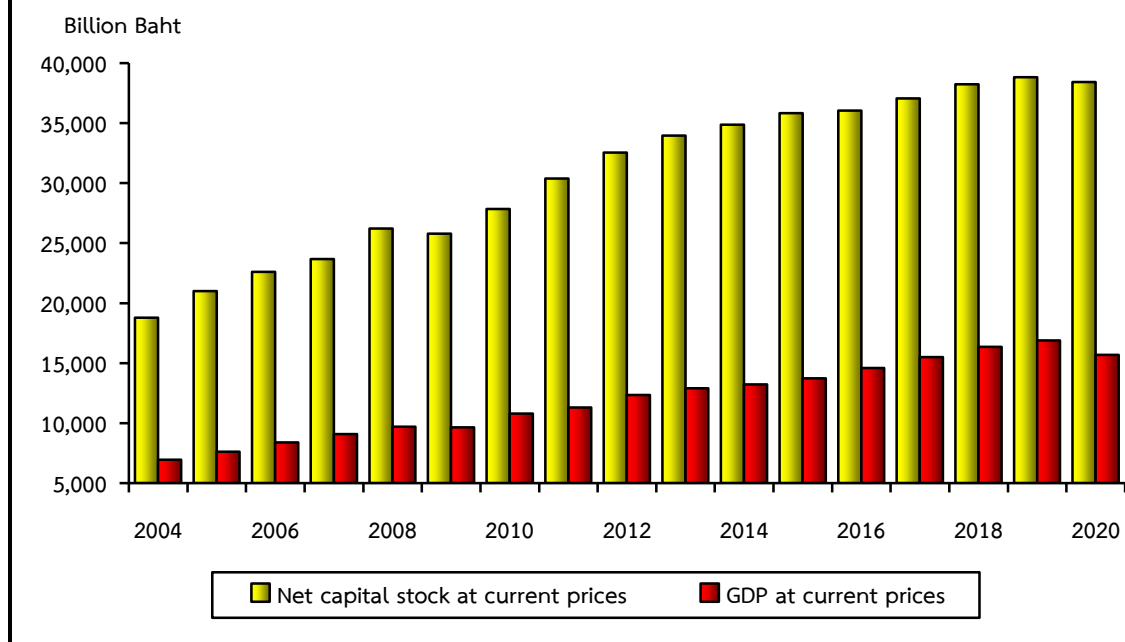
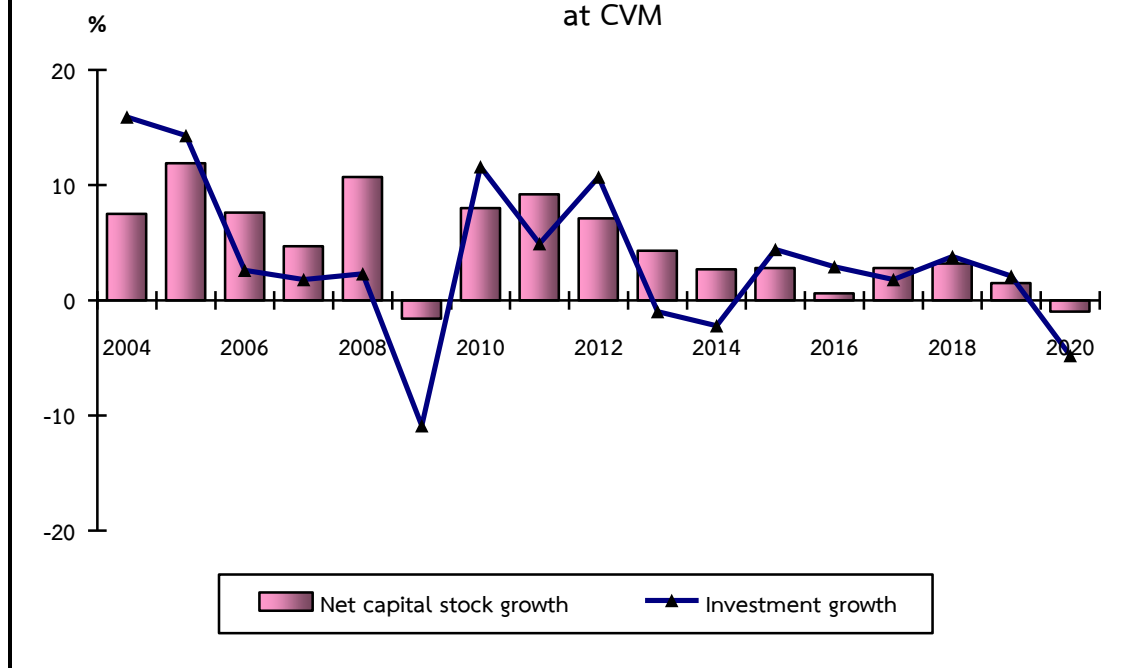


Figure 2 Growth rates of net capital stock and investment at CVM



## 2. Classification

The net capital stock is classified by the type of institutional sector and by the kind of economic activity.

### 2.1 Classification by institutional sector

The net capital stock is held by either public or private sector.

#### 2.1.1 Public sector

##### Overview

In 2020, gross capital stock in the public sector recorded the value of 20,379.9 billion baht at replacement cost, increasing by 457.4 billion baht from 2019. With the adjustment of depreciation, the net capital stock was 12,421.3 billion baht.

In real terms, it increased by 2.2%, accelerating from a fall of 0.4% in the previous year. Notably, it resulted from rises in the assets of agriculture, construction, and real estate.

##### Structure of public sector net capital stock

Net capital stock at replacement cost acquired by the public sector was 32.3% of total net capital stock. It can be classified according to the type of asset as below.

**1. Construction:** In 2020, construction accounted for the largest share at 88.8% of total public sector net capital stock. The net capital stock of construction was mostly in infrastructural assets such as roads, bridges, dams, and irrigation systems.

**2. Machinery and equipment:** In 2020, machinery and equipment owned by the public sector accounted for only 11.2% of total net capital stock. The net capital stock of machinery and equipment was mainly in the other transport equipment owned by state enterprises and office equipment held by the general government.

#### 2.1.2 Private sector

##### Overview

In 2020, the total value of gross capital stock held by the private sector at the current replacement cost was 41,057.8 billion baht, decreasing from 2019 by 1,174.0 billion baht. The net capital stock after deducting depreciation was 25,998.3 billion baht. In real terms, it dropped by 2.4%, in contrast to a 2.1% expansion in the prior year.

### Structure of private sector net capital stock

Net capital stock at replacement cost held by the private sector accounted for 67.7% of total net capital stock. It can be classified according to the type of asset as below.

**1. Construction:** In 2020, the net capital stock of the private sector at replacement cost accounted for 53.2% of total net capital stock, where residential buildings covered 70.8% of total private construction, followed by office buildings and other construction respectively.

**2. Machinery and equipment:** At replacement cost, it accounted for 46.8% of a total portion which the majority of its assets were machinery and equipment for industrial activities and transport vehicles such as private cars, trucks, and buses.

**Table 1 Value, Structure and Growth Rate of Net Capital Stock at Replacement Cost**

Unit – Billion Baht

	2015	2016	2017	2018r	2019	2020p
Value of Gross Capital Stock at Current Replacement Cost	56,670.4	57,214.1	59,100.4	61,086.6	62,154.3	61,437.7
Growth Rate of Gross Capital Stock at CVM (%)	1.9	2.6	2.2	2.8	1.4	-1.1
Public	3.5	3.2	-1.9	1.6	-0.4	2.2
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Private	23,848.2	23,989.2	25,268.5	26,135.5	26,680.3	25,998.4
Structure of Net Capital Stock at replacement cost (%)	100.0	100.0	100.0	100.0	100.0	100.0
Public	33.4	33.5	31.9	31.7	31.2	32.3
Private	66.6	66.5	68.1	68.3	68.8	67.7
Growth Rate of Net Capital Stock at CVM (%)	1.7	2.7	2.3	3.1	1.3	-1.0
Public	1.8	2.4	-2.2	0.8	-0.4	2.2
Private	1.7	2.8	4.6	4.2	2.1	-2.4

Figure 3 Value and Growth Rate of Public Sector Net Capital Stock

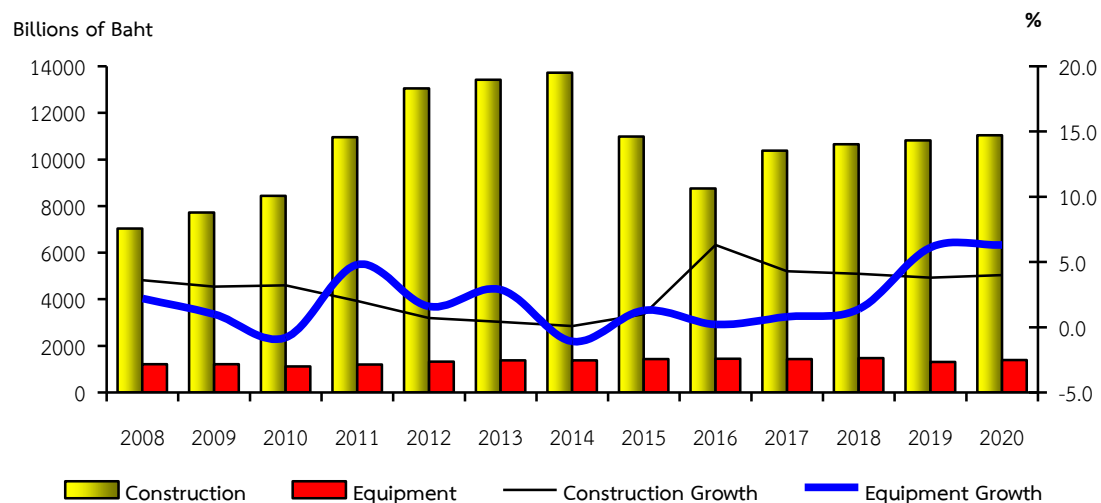
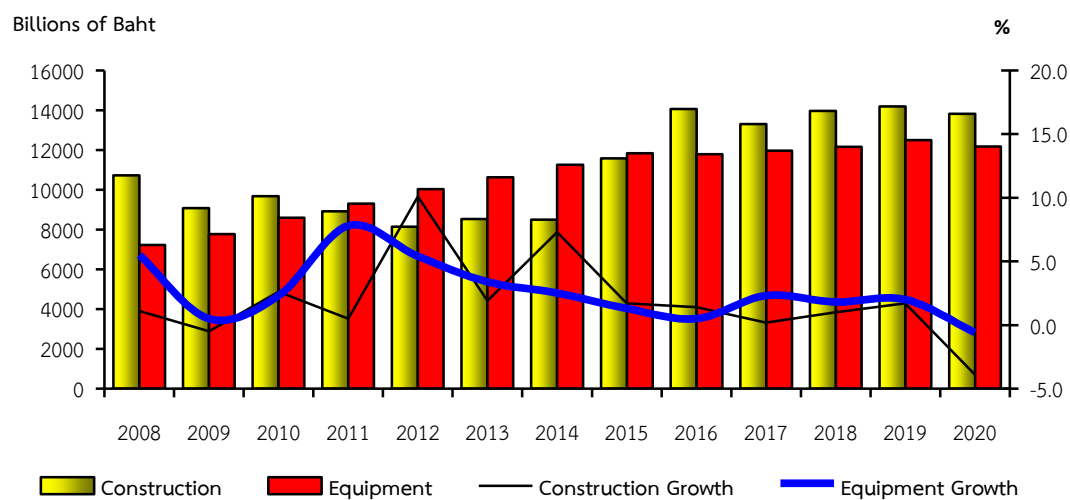


Figure 4 Value and Growth Rate of Private Sector Net Capital Stock



## 2.2 Classification by the kind of economic activity

### 2.2.1 Capital stock by the kind of economic activity

Gross capital stock classified by the kind of economic activity comprises 19 different sectors as follows: agriculture, forestry and fishing; mining and quarrying; manufacturing; electricity, gas, steam and air conditioning supply; water supply, sewerage, waste management and remediation activities; construction; wholesale and retail trade, repair of motor vehicles and motorcycles; transport and storage; accommodation and food service activities; information and communication; financial and insurance activities; real estate activities; professional, scientific and technical activities; administrative and support service activities; public administration, defense and compulsory social security; education; human health and social works; arts, entertainment and recreation; and other service activities.

As aforementioned, gross capital stock at the current replacement cost in 2020 was 61,437.7 billion baht. Considering capital stock by the kind of economic activity, it reflected that transport and storage held the highest value of 11,503.5 billion baht, followed by real estate activities with the value of 10,914.1 billion baht, manufacturing with the value of 10,598.9 billion baht, electricity, gas, steam and air conditioning supply with the value of 4,908.6 billion baht, agriculture, forestry and fishing with the value of 4,908.3 billion baht, wholesale and retail trade; and repair of motor vehicles and motorcycles with the value of 4,591.2 billion baht, human health and social works with the value of 2,496.1 billion baht, construction with the value of 1,956.7 billion baht, accommodation and food services activities with the value of 1,870.9 billion baht, information and communication with the value of 1,405.9 billion baht, other services activities with the value of 1,377.5 billion baht, education with the value of 1,323.5 billion baht, public administration, defense and compulsory social security with the value of 1,126.1 billion baht, mining and quarrying with the value of 953.0 billion baht, financial and insurance activities with the value of 883.3 billion, water supply and sewerage, waste management and remediation activities with the value of 496.1 billion baht, administrative and support services with the value of 51.8 billion baht, arts, entertainment and recreation with the value of 37.3 billion baht, and professional, scientific and technical activities with the value of 35.1 billion baht.

Gross capital stock in real terms in 2020 decreased by 1.1%, falling from a 1.4% rise in 2019. Such adverse outcome this year was mainly influenced by a drastic contraction in accommodation and food service activities which plummeted by 15.9%; other sectors showing negative growth were as follows: wholesale and retail trade, and repair of motor vehicles and motorcycles (-3.8%), agriculture, forestry and fishing (-3.0%), transport and storage (-2.4%), and manufacturing (-0.4%). Nonetheless, some sectors continued to grow from last year, which were financial and insurance activities, which grew by 2.8%, followed by construction (2.3%), human health and social work activities (1.7%), information and communication, and electricity, gas, steam and air conditioning supply both expanded by 1.4%.

### 2.2.2 Net capital stock by the kind of economic activity

Regarding the net capital stock, the value at the current replacement cost in 2020 was 38,419.7 billion baht. The sector with the highest value was real estate activities with 7,351.8 billion baht, followed by transport and storage with 7,124.6 billion baht. Contrarily, professional, scientific and technical activities had the minimum value recorded at 20.3 billion baht.

In real terms (or CVMs), the net capital stock declined by 1.0%, down from a 1.3% rise in 2019. The contraction mainly reflected accommodation and food service activities, the significant decrease, recorded a 10.0% reduction; other sectors showing negative growth were wholesale and retail trade, and repair of motor vehicles and motorcycles (-5.1%), transport and storage (-3.8%), agriculture, forestry and fishing (-1.4%), and manufacturing (-0.7%). On the contrary, the sectors that continued growing from last year were public administration and defense; compulsory social security with a growth of 5.2%, followed by financial and insurance activities (4.1%), electricity, gas, steam and air conditioning supply (0.5%).

Figure 5 Structure of Net Capital Stock in 2020

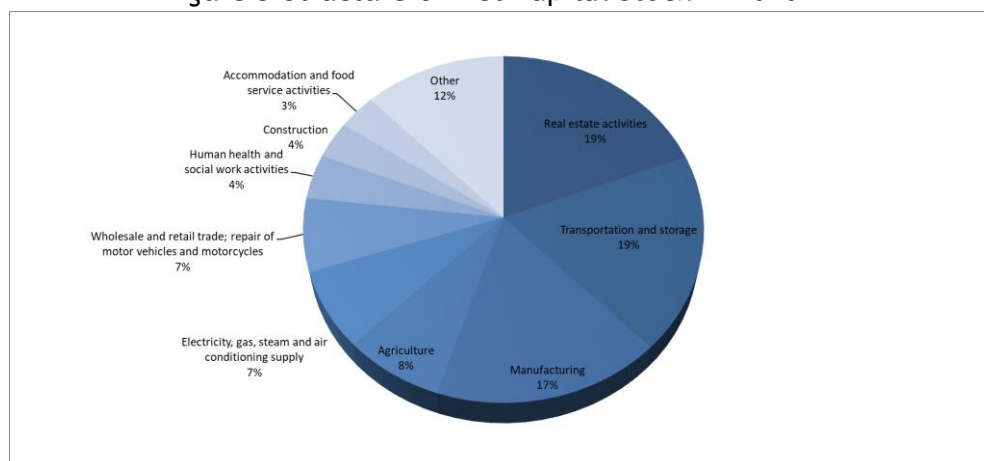
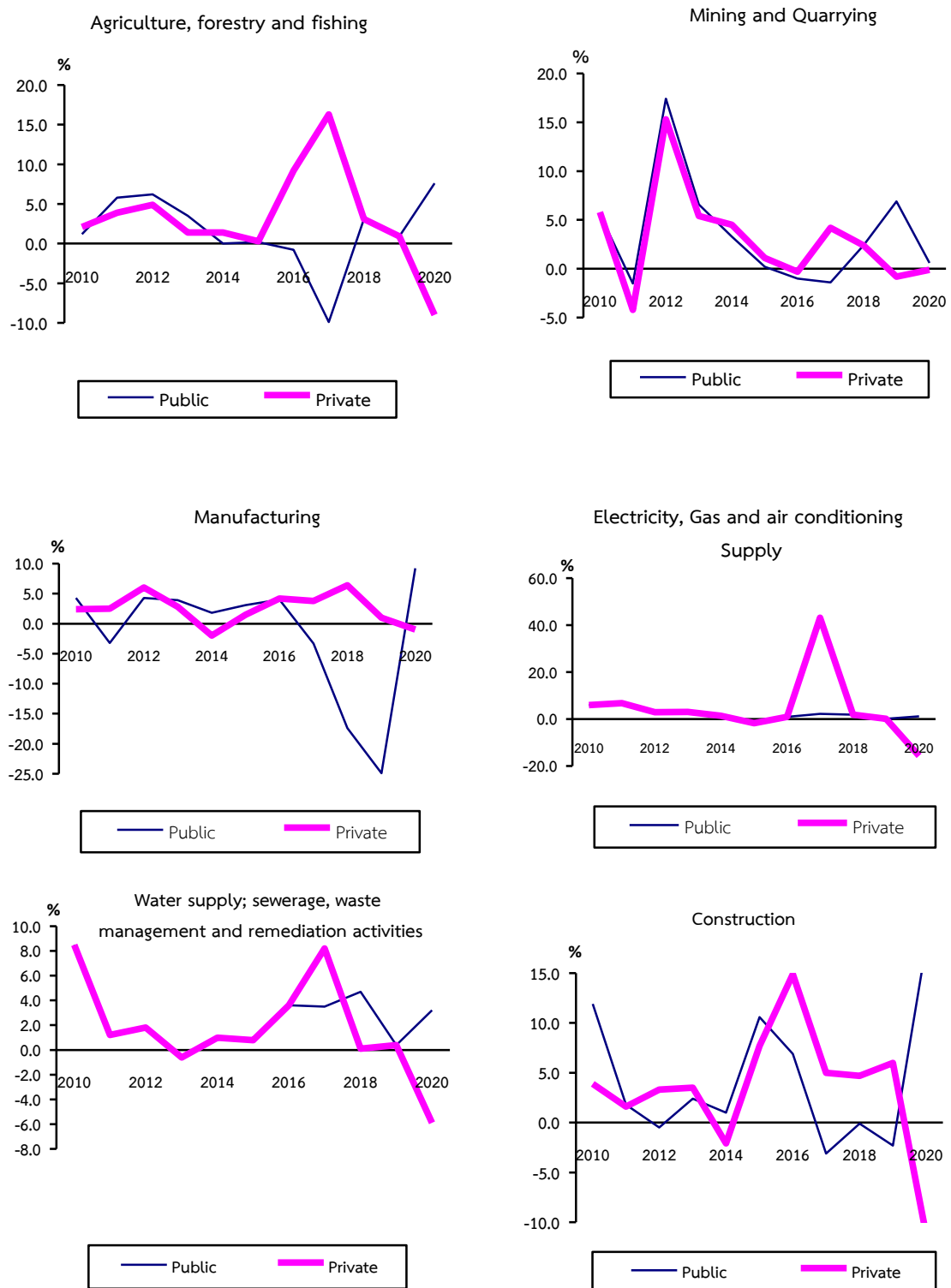


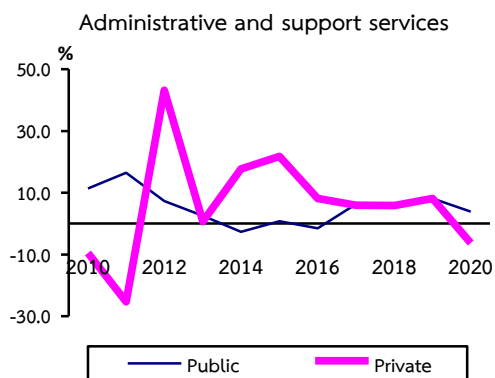
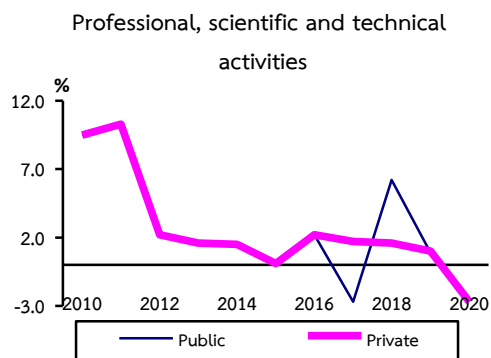
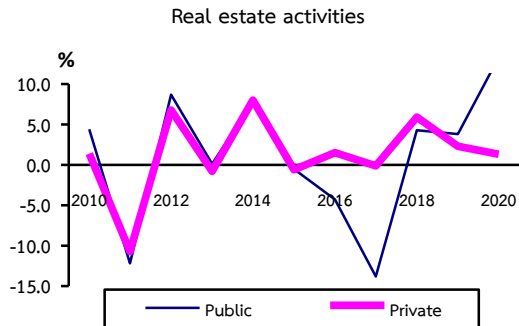
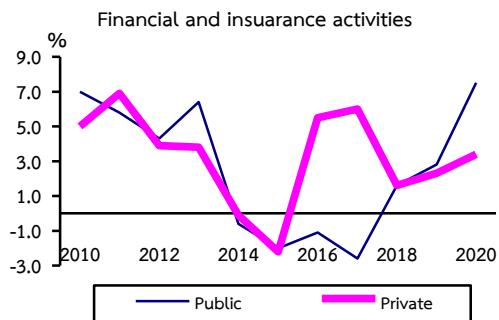
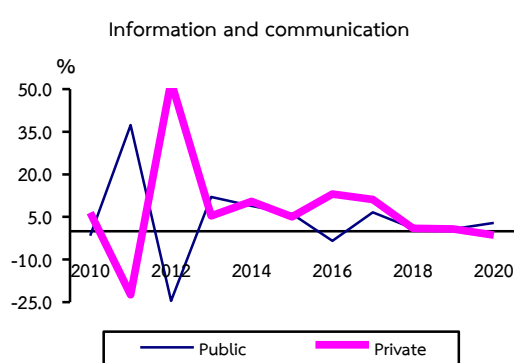
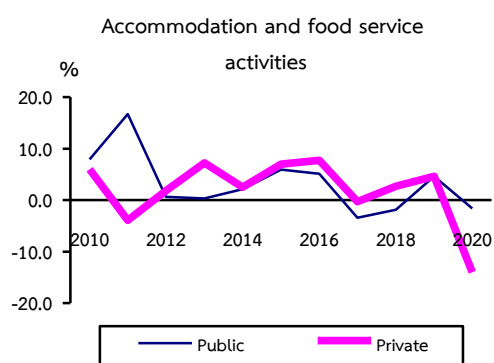
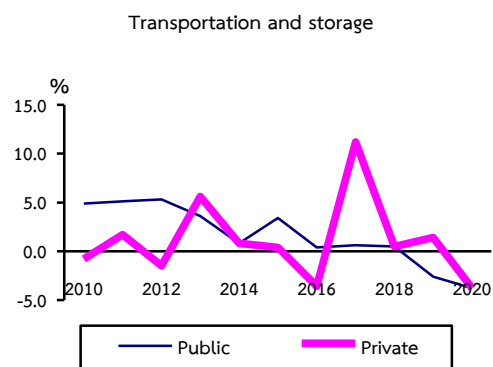
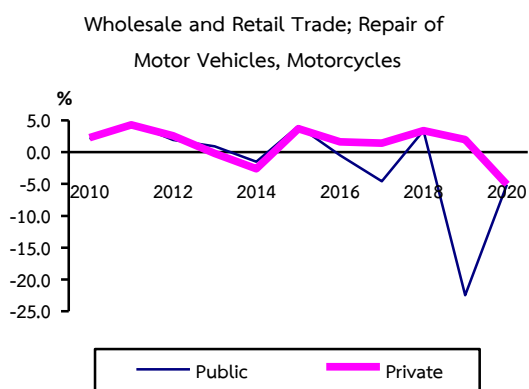
Table 2 Value of Net Capital Stock at Replacement Cost by Economic Activities

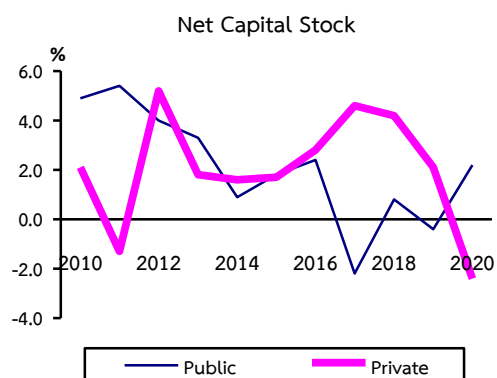
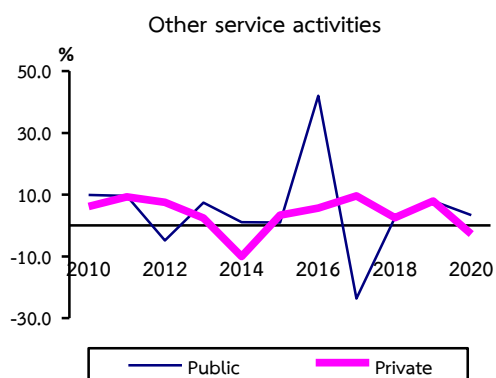
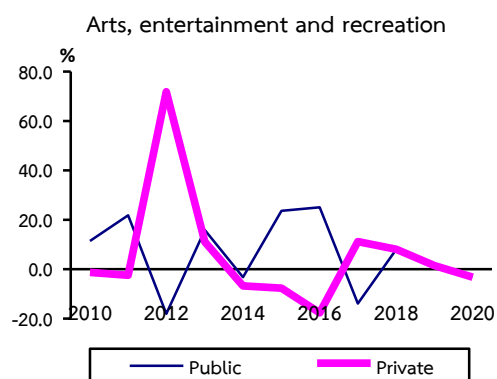
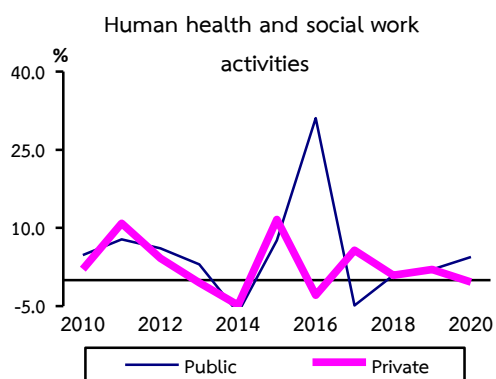
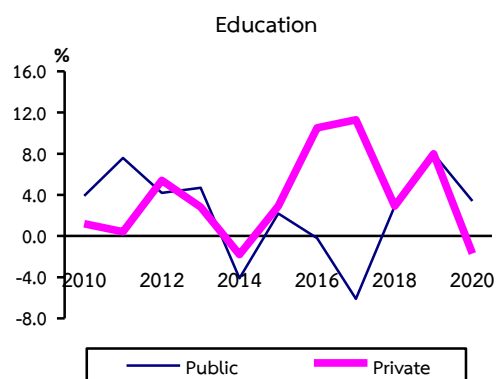
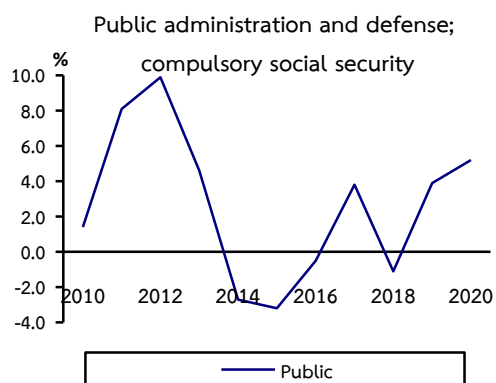
Unit – Billion Baht

Sectors	2015	2016	2017	2018r	2019	2020p
Agriculture, forestry and fishing	2,849.8	2,831.8	2,768.0	2,973.3	3,029.5	2,937.1
Mining and Quarrying	524.1	541.3	582.9	651.2	655.9	658.9
Manufacturing	5,968.1	6,032.8	6,342.9	6,658.4	6,696.5	6,659.7
Electricity, Gas and air conditioning Supply	2,604.8	2,659.7	2,699.3	2,761.1	2,800.4	2,810.5
Water supply; sewerage, waste management and remediation activities	221.3	231.9	249.8	263.0	266.9	270.6
Construction	1,116.7	1,171.8	1,196.1	1,270.3	1,304.9	1,321.4
Wholesale and Retail Trade; Repair of Motor Vehicles, Motorcycles	2,433.0	2,428.0	2,586.0	2,678.1	2,710.6	2,621.4
Transport and Storage	6,709.4	6,621.1	7,108.1	7,305.8	7,272.6	7,124.6
Accommodation and food service activities	1,235.9	1,264.6	1,235.3	1,336.3	1,403.2	1,265.9
Information and communication	708.2	691.5	729.8	745.0	752.7	782.1
Financial and insurance activities	439.9	440.5	481.0	502.0	511.2	529.1
Real estate activities	7,459.3	7,519.4	7,346.2	7,227.8	7,347.1	7,351.8
Professional, scientific and technical activities	18.4	19.3	19.2	20.3	20.8	20.3
Administrative and support service activities	27.7	28.1	30.0	32.3	32.6	29.9
Public administration and defense; compulsory social security	552.8	536.5	584.2	601.6	615.2	630.0
Education	705.2	725.2	765.6	802.2	863.0	871.6
Human health and social work activities	1,416.1	1,441.0	1,469.7	1,496.7	1,541.1	1,603.4
Arts, entertainment and recreation	22.4	22.2	21.8	24.7	25.0	23.5
Other service activities	821.5	847.7	865.4	910.6	956.4	908.0
<b>Total</b>	<b>35,834.6</b>	<b>36,054.5</b>	<b>37,081.2</b>	<b>38,260.7</b>	<b>38,805.6</b>	<b>38,419.7</b>

Figure 6 Growth Rate of Net Capital Stock by the Kind of Activity and Institutional Sector



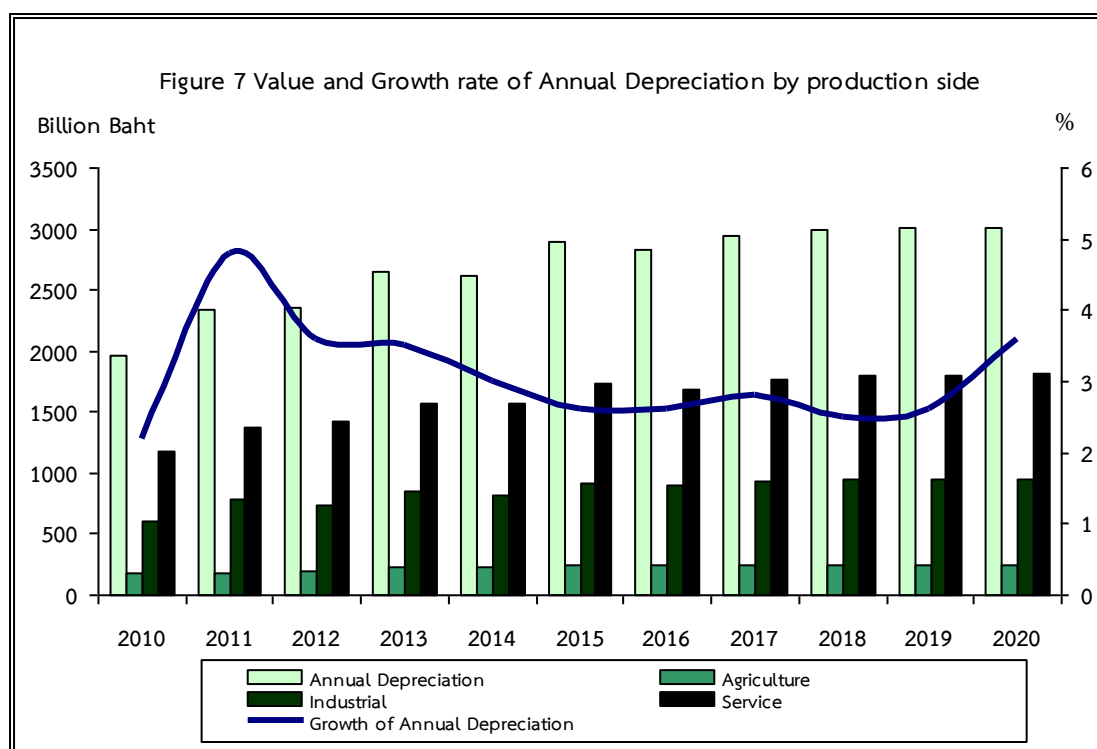




### 3. Consumption of fixed capital or depreciation

#### Overview

Consumption of fixed capital or depreciation at current replacement cost was 3,016.7 billion baht, which accounted for 4.9% of gross capital stock at replacement cost. The sector with the highest depreciation was transport and storage with the value of 572.3 billion baht, representing 19.0% of overall depreciation, mainly due to investment in vehicles with an average life span of around 12 years, which is relatively short compared with building with the life span of around 50 years. The remaining sectors which held large portions of total depreciation were manufacturing recording a value at 545.3 billion baht; electricity, gas, steam and air conditioning supply at 330.6 billion baht; and real estate activities at 306.1 billion baht, which accounted for 18.1%, 11.0%, and 10.1% of total depreciation, consequently. The minimum contributors of overall depreciation this year were administrative and support service activities with a registered value of 4.4 billion baht, arts, entertainment and recreation with the value of 2.4 billion baht, and professional, scientific and technical activities with the value of 2.3 billion baht of which these three sectors held approximately 0.1% of total depreciation.



## 4. Capital Factor Analysis

### 4.1 Incremental Capital Output Ratio: ICOR

#### Overview

In 2020, the Thai economy was affected by the spread of the COVID-19, which lowered the production level in every sector while hampering investment, causing a decrease in net capital stock. As a result, the value of ICOR in 2020 was 0.41, implying that a 0.41 unit decrease in capital influenced a unit reduction of GDP. Nevertheless, the ICOR figure might not correctly reflect the efficiency of capital usage due to the impacts of the COVID-19 outbreak.

#### ICOR by the kind of economic activity

The following details presented ICOR by the kind of economic activity.

**Agriculture:** In 2020, ICOR was 1.34, which resulted from contraction in both production and net capital stock for the agriculture sector, partly exacerbated by widespread drought, making agricultural yield drop.

**Industrial:** For the industrial sector, ICOR in 2020 was 0.10, resulting from a reduction in production and investment in the industrial sector. Due to the spread of the COVID-19 in Thailand and worldwide, the mandatory lockdown in the domestic, industrial sector production plunged. As a result, the capital utilization rate fell from 66.28 in 2019 to 60.98 in 2020. When we considered ICOR averages from the eighth to the twelfth development plan, the twelfth plan has the highest ICOR value at 2.69, indicating the least efficient usage of capital during the period of consideration.

**Service:** ICOR of the service sector in 2020 was 0.49, it was a consequence of contraction in both production and investment for the service sector; moreover, the service sector got most severely hit by the measure for preventing the spread of the coronavirus along with travel restriction causing a drastic fall in the number of foreign tourists. When we considered ICOR averages from the eighth to the twelfth development plan, the twelfth plan has the ICOR value of 1.06, exhibiting the most efficient capital utilization.

Table 3 Incremental Capital Output Ratio (ICOR)

	2015	2016	2017	2018	2019	2020
Agriculture	-0.12	-10.47	1.88	1.83	-4.87	1.34
Non-Agriculture	1.13	1.67	1.37	1.87	1.25	0.37
• Industrial	0.67	2.71	3.25	2.86	4.53	0.10
• Service	1.21	1.40	0.96	1.54	1.24	0.49
<b>Total</b>	<b>1.46</b>	<b>2.02</b>	<b>1.42</b>	<b>1.87</b>	<b>1.42</b>	<b>0.41</b>

Table 4 ICOR by National Economic and Social Development Plan

	8 <sup>th</sup> Plan	9 <sup>th</sup> Plan	10 <sup>th</sup> Plan	11 <sup>th</sup> Plan	12 <sup>th</sup> Plan
Agriculture	4.07	-21.28	-10.29	-0.08	0.04
Non-Agriculture	-1.45	1.51	1.81	1.90	1.21
• Industrial	0.03	1.73	0.35	-0.59	2.69
• Service	-1.41	1.25	10.30	1.86	1.06
<b>Total</b>	<b>-1.05</b>	<b>1.64</b>	<b>1.17</b>	<b>2.22</b>	<b>1.28</b>

## 4.2 Capital Productivity: CP

### Overview

CP in 2020 was 0.38, representing that one unit of capital investment could generate 0.38 units of GDP, which was lower than that of 2019 with the value of 0.40. Over the last five development plans, CP continuously exhibited an upward trend. As mentioned, capital productivity increased from 0.31 in the eighth plan to 0.40 in the twelfth plan.

### CP by the kind of economic activity

**Agriculture:** In 2020, the CP of the agricultural sector stayed at 0.29. Based on this estimate, one unit of capital served in the agricultural sector could contribute 0.29 units of value added to the agricultural sector. When comparing capital productivity to the national average with the value of 0.38 units, the agricultural sector had shown lower efficiency of capital usage than other sectors. From the eighth to the twelfth development plan, CP has continuously fallen from 0.48 units to 0.29 units.

**Industrial:** CP of the industrial sector in 2020 was 0.46, dropped from 0.49 in 2019. The estimation reflected that an increase of value added by 0.46 units in this sector would require a unit of industrial capital. Compared with the national average, the industrial sector outperformed other sectors in terms of capital usage efficiency. Adjusting capacity utilization to demonstrate the actual capital productivity reflected that CP attained would be 0.75, compared with 0.46 without correcting for capital utilization. Therefore, the industrial sector was still productive. When considering the averages of CP during the eighth and the twelfth national development plan, CP of the industrial sector has developed throughout the years from the value of 0.44 in the eighth plan to 0.50 and 0.51 in the ninth and tenth plan, accordingly, then marginally slowed down to 0.50 and 0.48 in the eleventh and twelfth plan, respectively.

**Service:** CP registered the value of 0.37 in 2020, which slightly fell from 0.39 in 2019, lower than the national average at 0.38. The average CP of the service sector has increased from 0.25 in the eighth development plan to 0.38 in the twelfth plan.

**Table 5 Capital Productivity (CP)**

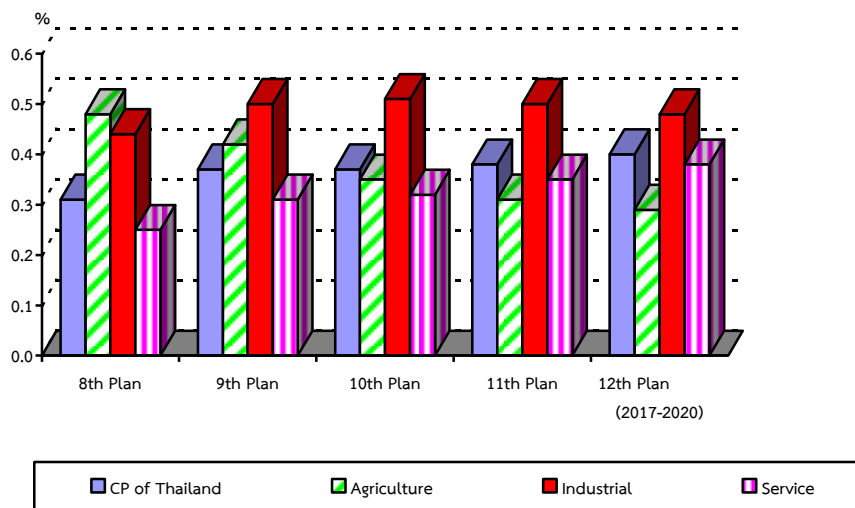
	2015	2016	2017	2018	2019	2020
Agriculture	0.30	0.28	0.29	0.30	0.29	0.29
Non-Agriculture	0.40	0.40	0.41	0.41	0.42	0.40
● Industrial	0.50	0.50	0.49	0.49	0.49	0.46
CAP U Adjusted*	0.83	0.74	0.72	0.70	0.73	0.75
● Service	0.36	0.36	0.38	0.38	0.39	0.37
<b>Total</b>	0.39	0.39	0.40	0.40	0.40	0.38
<b>CAP U Adjusted*</b>	0.43	0.43	0.43	0.44	0.44	0.43

\*CAP U : Capital Utilizations

**Table 6 CP by National Economic and Social development Plan**

	Agriculture	Industrial	Service	Total
8 <sup>th</sup> Plan (1997 - 2001)	0.48	0.44	0.25	0.31
9 <sup>th</sup> Plan (2002 - 2006)	0.42	0.50	0.31	0.37
10 <sup>th</sup> Plan (2007 - 2011)	0.35	0.51	0.32	0.37
11 <sup>th</sup> Plan (2012 - 2016)	0.31	0.50	0.35	0.38
12 <sup>th</sup> Plan (2017 - 2020)	0.29	0.48	0.38	0.40

Figure 8 Capital Productivity



### 4.3 Total Factor Productivity: TFP

TFP is defined as the portion of GDP growth, which was not caused by a partial increase of any factor of production (labor, land, and capital). It would specifically refer to technological and administrative improvement, which accounted for an increase in output, typically measured as residuals.

#### Overview

In 2020, the Thai economy declined by 6.1%, falling from a 2.3% rise in 2019. The contraction reflected a 5.53% decline of TFP and a 0.63% fall of capital factor, although the labor factor grew by 0.06%. The negative value of TFP this year was partly due to the mandatory restriction for preventing the spread of the COVID-19 prompting inefficient utilization of capital assets.

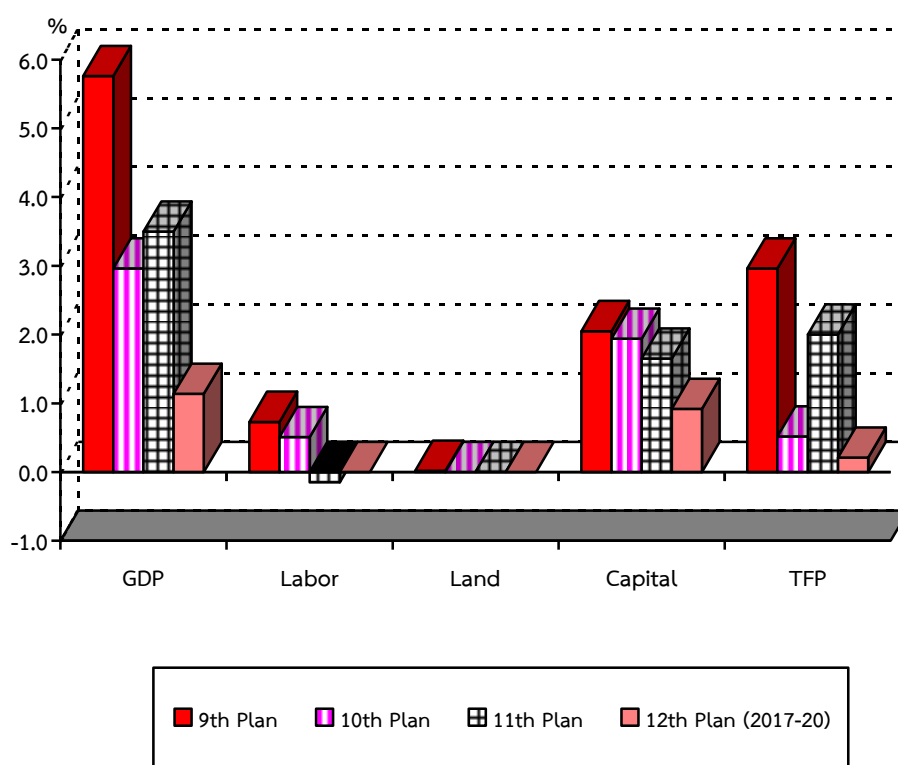
When considering the average four years of the twelfth plan, the Thai economy had an average growth of 1.14, and the major source contributing to growth was a capital factor which accounted for 0.92%, while TFP stayed at 0.21%; although, labor and land factor have not had a significant contribution to growth. Compared with the previous plans, the ninth plan exhibited the highest rise in GDP and TFP, rising by 5.76% and 2.96%, respectively.

Table 7 Growth Rate of GDP and Sources of Growth

Unit – %

	9 <sup>th</sup> Plan	10 <sup>th</sup> Plan	11 <sup>th</sup> Plan	12 <sup>th</sup> Plan	4 years of 12 <sup>th</sup> Plan			
					2017	2018	2019	2020
GDP Growth	5.76	2.96	3.50	1.14	4.18	4.19	2.27	-6.10
Sources of Growth								
Labor	0.73	0.51	-0.15	0.00	-0.22	0.37	-0.23	0.06
Land	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Capital	2.05	1.94	1.65	0.92	1.49	2.01	0.83	-0.63
TFP	2.96	0.52	2.00	0.21	2.91	1.80	1.67	-5.53

Figure 9 Sources of GDP Growth



## TFP by the kind of economic activity

### Agriculture

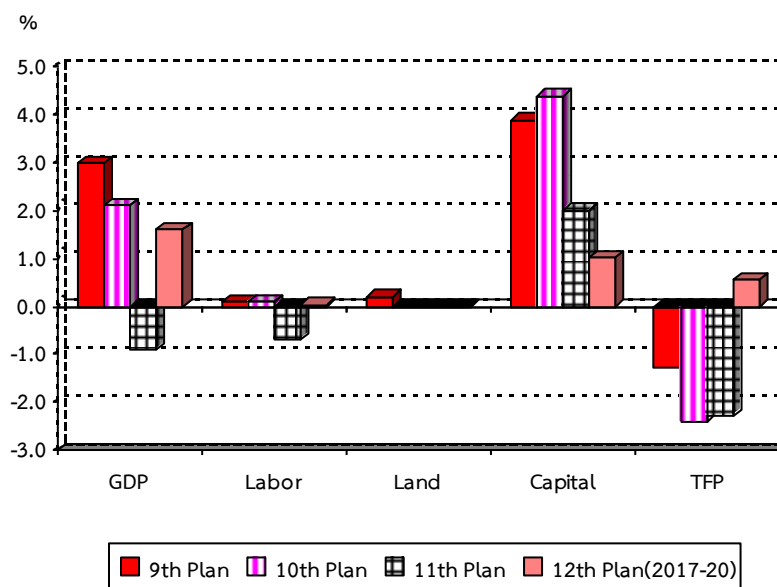
The agricultural sector diminished by 3.57% in 2020, compared to a reduction of 0.64% in 2019. When considering sources of growth, this contraction was attributable to a fall in all factors, which can be described as follows: TFP decreased by 2.45%, capital factor decreased by 1.11%, and labor factor decreased by 0.01%. On the other hand, for the twelfth development plan, the agricultural sector increased 1.62%, attributable to a 1.02% growth in capital factor, 0.57% by TFP, and 0.03% by labor factor. Moreover, considering the ninth to the twelfth economic and social development plan, the twelfth plan demonstrated the highest TFP contribution, though GDP showed the highest growth during the ninth development plan, which expanded by 2.96%, mainly driven by a rise in the capital.

**Table 8 Growth Rate of GDP and Sources of Growth in Agricultural sector**

Unit – %

	9 <sup>th</sup> Plan	10 <sup>th</sup> Plan	11 <sup>th</sup> Plan	12 <sup>th</sup> Plan	4 years of 12 <sup>th</sup> Plan			
					2017	2018	2019	2020
GDP Growth	2.96	2.09	-0.91	1.62	4.85	5.83	-0.64	-3.57
Sources of Growth								
Labor	0.12	0.14	-0.66	0.03	0.05	0.49	-0.43	-0.01
Land	0.24	-0.01	0.00	0.00	0.00	0.00	0.00	0.00
Capital	3.86	4.37	2.02	1.02	2.04	2.44	0.73	-1.11
TFP	-1.26	-2.41	-2.27	0.57	2.76	2.90	-0.95	-2.45

**Figure 10 Sources of GDP Growth in Agricultural sector**



## Industrial

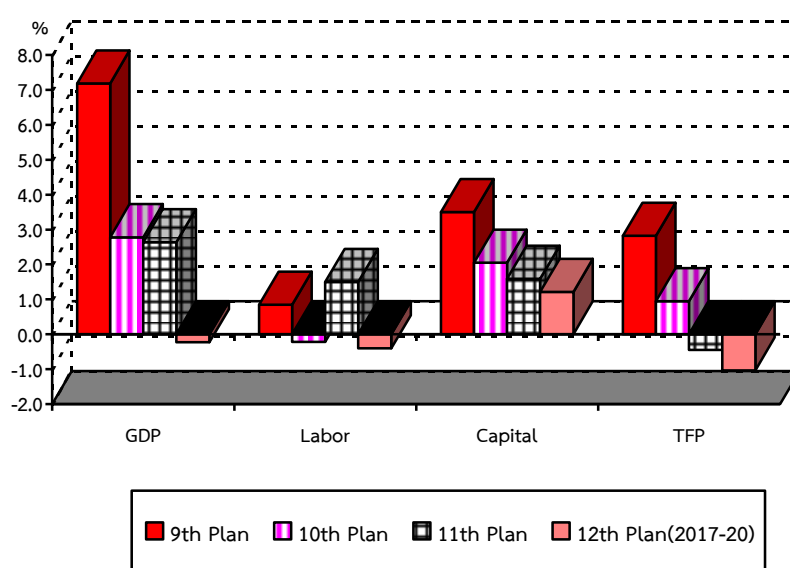
In 2020, the industrial sector contracted by 5.94%, in contrast to the growth rate of 0.01% in 2019. In terms of source of growth, all factors provided negative impacts on the industrial sector which TFP was the main source with a drop of 5.03%, followed by labor factor with a decrease of 0.72%. When focusing on the current development plan, the four-year averages showed that the industrial sector decreased by 0.23%, affected by a 1.04% fall in TFP and a 0.40% reduction from labor factor, whereas the capital factor rose by 1.21%. Since the ninth development plan, TFP and growth of GDP continued to slow down from the value of 7.18% and 2.82% consecutively.

**Table 9 Growth Rate of GDP and Sources of Growth in Industrial sector**

Unit – %

	9 <sup>th</sup> Plan	10 <sup>th</sup> Plan	11 <sup>th</sup> Plan	12 <sup>th</sup> Plan	4 years of 12 <sup>th</sup> Plan			
					2017	2018	2019	2020
<b>GDP Growth</b>	7.18	2.78	2.64	-0.23	2.13	2.90	0.01	-5.94
Sources of Growth								
Labor	0.85	-0.22	1.50	-0.40	-0.88	0.64	-0.64	-0.72
Capital	3.50	2.05	1.59	1.21	2.29	2.72	0.01	-0.18
TFP	2.82	0.95	-0.45	-1.04	0.72	-0.47	0.63	-5.03

**Figure 11 Sources of GDP Growth in Industrial sector**



## Service

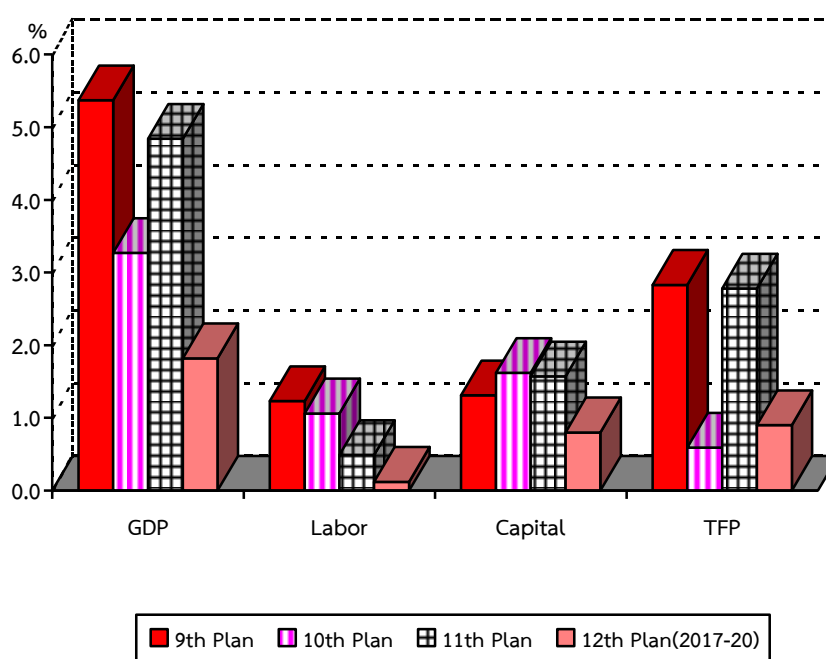
The service sector fell by 6.52% in 2020, in contrast to a 3.89% rise in 2019. Considering the source of growth, the main factor attributable to this contraction was TFP which decreased by 6.20%, and capital factor decreased by 0.75%. On the contrary, the labor factor grew by 0.43%. When considering the twelfth plan, the average growth was 1.82%, contributed by 0.90% of TFP, 0.80% of capital factor, and 0.12% of labor factor. Regarding the evolution of TFP over the four consecutive development plans, the highest growth of the service sector occurred in the ninth plan, which expanded by 5.37%, and TFP had the highest growth rate at 2.83%.

Table 10 Growth Rate of GDP and Sources of Growth in Service sector

Unit – %

	9 <sup>th</sup> Plan	10 <sup>th</sup> Plan	11 <sup>th</sup> Plan	12 <sup>th</sup> Plan	4 years of 12 <sup>th</sup> Plan			
					2017	2018	2019	2020
GDP Growth	5.37	3.27	4.84	1.82	5.24	4.67	3.89	-6.52
Sources of Growth								
Labor	1.23	1.06	0.49	0.12	-0.19	-0.20	0.44	0.43
Capital	1.31	1.62	1.57	0.80	1.12	1.68	1.14	-0.75
TFP	2.83	0.59	2.78	0.90	4.32	3.19	2.31	-6.20

Figure 12 Sources of Growth in Service sector



ANNEX



## Concept, definitions and methodology of Capital Stock of Thailand

### 1. Definition

- **Capital** is the assets used as factors of production of goods and services, usually consisting of fixed assets as well as financial assets. However, it refers here to only fixed assets, which are defined as tangible assets produced within an economy that can be used repeatedly for more than 1 year. They can also be replaced by the newly produced assets. Fixed assets consist of constructions and equipments.

- **Gross Capital Stock (GCS)** is sum of fixed assets accumulated over each asset's life as they are usually disposed after certain period of time when they can no longer provide the production service. GCS is generally measured at one point in time, specifically at the end of the year.

- **Net Capital Stock (NCS)** is the value of fixed assets after deducting depreciation

- **Private Sector Capital Stock** consists of capital stocks owned by private sector, covering both registered and non-registered ones as well as fixed assets acquired by households and non-profit institutions. For households sector, housing is the only assets considered as capital stock.

- **Public Sector Capital Stock** is all capital stock owned by public sector, which consists of central government, local municipalities, state-owned enterprises, all kinds of funds operated and controlled by the government, and independent agencies.

- **Depreciation** refers to depletion of fixed assets. As fixed assets are used repeatedly in production process, they become less productive, worn off and downgraded as new technology emerged. Thus, depreciation should be deducted from fixed assets each year, by how much depending on type of assets and their working life.

- **Service lifetime** is a period of time a fixed asset can be employed for production.

- **Retirement** of fixed assets from production process takes place when they can no longer provide production service.

- **Incremental Capital Output Ratio: ICOR** is an indicator measuring investment capacity in economic system. ICOR reflects how much additional investment is required for 1 unit increase in GDP. The smaller the ICOR, the higher efficiency the last unit of investment provides.

$$\text{ICOR} = \frac{\Delta \text{NCS}_t}{\Delta \text{GDP}_t}$$

- **Capital Productivity: CP** measures units of products produced by 1 unit of capital.

$$\text{CP}_{it} = \frac{\text{GDP}_{it}}{\text{NCS}_{it}}$$

- **Total Factor Productivity: TFP** determines the proportion of GDP growth that is not a result of an increase in factors of production (labor, capital and land). This means TFP measures amount of GDP growth contributed by the residual or technical progress.

$$Y_t = A_t f(K_t, L_t, N_t)$$

$$= A K^\alpha L^\beta N^\delta$$

$$\frac{dY}{Y} = \alpha \frac{dK}{K} + \beta \frac{dL}{L} + \delta \frac{dN}{N} + \frac{dA}{A}$$

$$\text{TFP} = \frac{dY}{Y} - \alpha \frac{dK}{K} - \beta \frac{dL}{L} - \delta \frac{dN}{N}$$

where

Y	=	Gross Domestic Product (GDP)
A	=	Constant Term
K	=	Capital Stock
L	=	Labor
N	=	Land
$\alpha$	=	Income Share of Capital

$$\begin{aligned}\beta &= \text{Income Share of Labor} \\ \delta &= \text{Income Share of Land}\end{aligned}$$

## 2. Coverage

Capital stock covers all fixed assets employed for producing goods and services in an economic system, categorized by institution, e.g. private sector, public sector, which includes central government, local municipalities and state-owned enterprises.

## 3. Methodology

**Perpetual Inventory Method or PIM** is applied here, which is an indirect method. This method is being used widely as this method draws basic data from accumulation of capital stock compiled under the System of National Accounts. As a result, outcomes from PIM are consistent with other national income statistics. The basic concept is to calculate the value of all fixed assets in one year, which covers capital stock at the first year as well as the additional capital acquired in following years subtracted by those disposed from production process. The total value of fixed assets at current price before deducting depreciation is **Gross Capital Stock**. In reality, however, all kind of assets wear out during production process such that the value of assets decline each year. Reduction in such value each year is called **Depreciation**. Thus, to find value of capital stock in existence or **Net Capital Stock** is simply by deducting accumulated depreciation from gross capital stock. An alternative approach for net capital stock is by adding last year net capital stock with investment during the year, then subtracting by depreciation.

(1) Gross Capital Stock

$$GCS_t = \sum \sum GFCF_{it} * (1 - \gamma_{it})$$

GCS = Gross Capital Stock

GFCF = Gross Fixed Capital Formation

i = Type of Assets

t = Year (t = 1,2,3,...,L)

$L$  = Service Lifetime

$\gamma$  = Rate of Retirement

(2) Net Capital Stock

$NCS_t = NCS_{t-1} + GFCF_t - COFC_t$

$NCS$  = Net Capital Stock

$GFCF$  = Gross Fixed Capital Formation

$COFC$  = Annual Depreciation

ตารางสถิติ

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TABLE 18 ANNUAL DEPRECIATION OF PUBLIC SECTOR AT CHAIN VOLUME MEASURES

**TABLE 1 GROSS CAPITAL STOCK OF THAILAND AT CURRENT REPLACEMENT COST**

(Unit - Millions of Baht)

Sector	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017r	2018r	2019r	2020p
<b>Agriculture</b>	<b>2,639,635</b>	<b>2,994,769</b>	<b>3,065,664</b>	<b>3,530,341</b>	<b>3,567,574</b>	<b>3,832,090</b>	<b>4,138,766</b>	<b>4,396,285</b>	<b>4,574,379</b>	<b>4,612,930</b>	<b>4,571,993</b>	<b>4,935,988</b>	<b>5,076,747</b>	<b>4,908,329</b>
Agriculture, forestry and fishing	2,639,635	2,994,769	3,065,664	3,530,341	3,567,574	3,832,090	4,138,766	4,396,285	4,574,379	4,612,930	4,571,993	4,935,988	5,076,747	4,908,329
<b>None Agriculture</b>	<b>33,362,162</b>	<b>36,804,452</b>	<b>36,733,567</b>	<b>39,710,382</b>	<b>43,549,029</b>	<b>46,388,673</b>	<b>48,714,230</b>	<b>50,353,887</b>	<b>52,104,104</b>	<b>52,601,125</b>	<b>54,528,399</b>	<b>56,150,572</b>	<b>57,077,564</b>	<b>56,529,342</b>
<b>Industrial</b>	<b>9,758,215</b>	<b>10,686,592</b>	<b>10,836,602</b>	<b>11,911,440</b>	<b>12,787,643</b>	<b>13,676,942</b>	<b>14,301,927</b>	<b>14,828,183</b>	<b>15,389,024</b>	<b>15,483,227</b>	<b>16,071,116</b>	<b>16,684,787</b>	<b>16,938,324</b>	<b>16,956,497</b>
Mining and quarrying	495,093	531,843	537,779	599,007	647,909	694,787	719,185	750,879	776,308	781,441	821,059	894,036	931,174	952,989
Manufacturing	6,282,305	6,740,786	6,926,363	7,571,802	8,121,646	8,677,551	9,005,688	9,370,122	9,749,939	9,700,515	10,132,837	10,546,837	10,678,361	10,598,869
Electricity, gas, steam and air conditioning supply	2,677,828	3,083,880	2,984,407	3,381,931	3,631,765	3,898,282	4,166,464	4,286,451	4,431,180	4,558,853	4,649,651	4,758,591	4,836,682	4,908,580
Water supply; sewerage, waste management and remediation activities	302,989	330,083	388,053	358,700	386,322	406,322	410,590	420,731	431,597	442,418	467,569	485,324	492,107	496,059
<b>Service</b>	<b>23,603,947</b>	<b>26,117,860</b>	<b>25,896,966</b>	<b>27,798,943</b>	<b>30,761,386</b>	<b>32,711,731</b>	<b>34,412,303</b>	<b>35,525,704</b>	<b>36,715,080</b>	<b>37,117,897</b>	<b>38,457,284</b>	<b>39,465,784</b>	<b>40,139,240</b>	<b>39,572,845</b>
Construction	1,116,806	1,178,955	1,226,400	1,341,647	1,430,645	1,501,013	1,554,281	1,637,937	1,742,221	1,805,958	1,838,090	1,893,844	1,912,159	1,956,683
Wholesale and retail trade; repair of motor vehicles and motorcycles	2,730,076	2,960,567	2,963,648	3,194,963	3,424,759	3,635,776	3,835,913	3,978,409	4,144,586	4,184,658	4,497,457	4,679,462	4,776,561	4,591,161
Transportation and storage	6,394,709	7,248,965	7,441,463	7,940,666	8,549,033	8,995,057	9,565,394	9,876,086	10,428,050	10,459,418	11,258,691	11,714,960	11,702,756	11,503,502
Accommodation and food service activities	1,347,862	1,468,397	1,522,250	1,597,012	1,725,785	1,851,359	1,951,058	2,013,612	2,090,257	2,094,248	2,061,467	2,209,971	2,302,199	1,870,869
Information and communication	626,535	636,657	680,791	687,858	723,262	829,900	969,587	1,110,594	1,220,421	1,231,075	1,320,030	1,370,651	1,386,135	1,405,947
Financial and insurance activities	466,705	504,466	505,685	556,638	597,962	634,753	668,813	692,680	721,474	732,822	804,420	841,953	860,258	883,269
Real estate activities	7,400,936	8,233,542	7,703,479	8,290,396	9,543,417	10,075,293	10,529,880	10,718,131	10,676,397	10,855,552	10,689,160	10,541,879	10,789,550	10,914,081
Professional, scientific and technical activities	21,280	21,316	21,587	22,994	23,729	24,458	25,795	27,064	29,237	31,137	31,590	33,871	34,844	35,087
Administrative and support service activities	26,926	29,070	30,367	31,773	32,319	36,317	38,198	41,020	44,773	45,932	48,544	51,268	52,371	51,772
Public administration and defence; compulsory social security	537,526	618,859	621,862	668,188	723,962	766,890	833,388	859,264	904,021	914,401	1,012,383	1,067,275	1,110,127	1,126,128
Education	699,331	776,149	778,099	841,507	956,044	1,021,293	1,052,333	1,087,024	1,118,229	1,145,146	1,211,336	1,261,306	1,303,226	1,323,498
Human health and social work activities	1,383,329	1,527,244	1,499,561	1,659,524	1,967,340	2,089,214	2,114,591	2,196,904	2,301,088	2,305,458	2,348,179	2,375,723	2,415,958	2,496,100
Arts, entertainment and recreation	21,124	22,226	24,212	25,347	25,935	30,288	33,861	34,618	35,715	35,626	35,293	36,977	37,748	37,257
Other service activities	830,802	891,447	877,560	940,431	1,037,194	1,220,122	1,239,211	1,252,362	1,258,611	1,276,467	1,300,644	1,386,645	1,455,348	1,377,492
Activities of households as employers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>36,001,797</b>	<b>39,799,221</b>	<b>39,799,231</b>	<b>43,240,723</b>	<b>47,116,603</b>	<b>50,220,763</b>	<b>52,852,996</b>	<b>54,750,172</b>	<b>56,678,483</b>	<b>57,214,055</b>	<b>59,100,393</b>	<b>61,086,560</b>	<b>62,154,311</b>	<b>61,437,671</b>

**TABLE 1-1 GROWTH RATE OF GROSS CAPITAL STOCK OF THAILAND AT CURRENT REPLACEMENT COST**

(Unit - Percentage)

Sector	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017r	2018r	2019r	2020p
<b>Agriculture</b>	<b>6.1</b>	<b>13.5</b>	<b>2.4</b>	<b>15.2</b>	<b>1.1</b>	<b>7.4</b>	<b>8.0</b>	<b>6.2</b>	<b>4.1</b>	<b>0.8</b>	<b>-0.9</b>	<b>8.0</b>	<b>2.9</b>	<b>-3.3</b>
Agriculture, forestry and fishing	6.1	13.5	2.4	15.2	1.1	7.4	8.0	6.2	4.1	0.8	-0.9	8.0	2.9	-3.3
<b>None Agriculture</b>	<b>5.2</b>	<b>10.3</b>	<b>-0.2</b>	<b>8.1</b>	<b>9.7</b>	<b>6.5</b>	<b>5.0</b>	<b>3.4</b>	<b>3.5</b>	<b>1.0</b>	<b>3.7</b>	<b>3.0</b>	<b>1.7</b>	<b>-1.0</b>
<b>Industrial</b>	<b>4.8</b>	<b>9.5</b>	<b>1.4</b>	<b>9.9</b>	<b>7.4</b>	<b>7.0</b>	<b>4.6</b>	<b>3.7</b>	<b>3.8</b>	<b>0.7</b>	<b>3.8</b>	<b>3.8</b>	<b>1.5</b>	<b>0.1</b>
Mining and quarrying	2.9	7.4	1.1	11.4	8.2	7.2	3.5	4.4	3.4	0.7	5.1	8.9	4.2	2.3
Manufacturing	3.0	7.3	2.8	9.3	7.3	6.8	3.8	4.0	4.1	-0.4	4.5	4.1	1.2	-0.7
Electricity, gas, steam and air conditioning supply	9.8	15.2	-3.2	13.3	7.4	7.3	6.9	2.9	3.4	2.9	2.0	2.3	1.6	1.5
Water supply; sewerage, waste management and remediation activities	5.5	8.9	17.6	-7.6	7.7	5.2	1.1	2.5	2.6	2.5	5.7	3.8	1.4	0.8
<b>Service</b>	<b>5.3</b>	<b>10.7</b>	<b>-0.8</b>	<b>7.3</b>	<b>10.7</b>	<b>6.3</b>	<b>5.2</b>	<b>3.2</b>	<b>3.3</b>	<b>1.1</b>	<b>3.6</b>	<b>2.6</b>	<b>1.7</b>	<b>-1.4</b>
Construction	1.7	5.6	4.0	9.4	6.6	4.9	3.5	5.4	6.4	3.7	1.8	3.0	1.0	2.3
Wholesale and retail trade; repair of motor vehicles and motorcycles	2.7	8.4	0.1	7.8	7.2	6.2	5.5	3.7	4.2	1.0	7.5	4.0	2.1	-3.9
Transportation and storage	3.3	13.4	2.7	6.7	7.7	5.2	6.3	3.2	5.6	0.3	7.6	4.1	-0.1	-1.7
Accommodation and food service activities	0.2	8.9	3.7	4.9	8.1	7.3	5.4	3.2	3.8	0.2	-1.6	7.2	4.2	-18.7
Information and communication	6.1	1.6	6.9	1.0	5.1	14.7	16.8	14.5	9.9	0.9	7.2	3.8	1.1	1.4
Financial and insurance activities	3.4	8.1	0.2	10.1	7.4	6.2	5.4	3.6	4.2	1.6	9.8	4.7	2.2	2.7
Real estate activities	7.5	11.3	-6.4	7.6	15.1	5.6	4.5	1.8	-0.4	1.7	-1.5	-1.4	2.3	1.2
Professional, scientific and technical activities	6.9	0.2	1.3	6.5	3.2	3.1	5.5	4.9	8.0	6.5	1.5	7.2	2.9	0.7
Administrative and support service activities	5.9	8.0	4.5	4.6	1.7	12.4	5.2	7.4	9.2	2.6	5.7	5.6	2.2	-1.1
Public administration and defence; compulsory social security	4.9	15.1	0.5	7.4	8.3	5.9	8.7	3.1	5.2	1.1	10.7	5.4	4.0	1.4
Education	4.1	11.0	0.3	8.1	13.6	6.8	3.0	3.3	2.9	2.4	5.8	4.1	3.3	1.6
Human health and social work activities	14.2	10.4	-1.8	10.7	18.5	6.2	1.2	3.9	4.7	0.2	1.9	1.2	1.7	3.3
Arts, entertainment and recreation	8.4	5.2	8.9	4.7	2.3	16.8	11.8	2.2	3.2	-0.2	-0.9	4.8	2.1	-1.3
Other service activities	12.7	7.3	-1.6	7.2	10.3	17.6	1.6	1.1	0.5	1.4	1.9	6.6	5.0	-5.3
Activities of households as employers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>5.2</b>	<b>10.5</b>	<b>0.0</b>	<b>8.6</b>	<b>9.0</b>	<b>6.6</b>	<b>5.2</b>	<b>3.6</b>	<b>3.5</b>	<b>1.0</b>	<b>3.3</b>	<b>3.4</b>	<b>1.7</b>	<b>-1.2</b>

**TABLE 2 GROSS CAPITAL STOCK OF THAILAND : CHAIN VOLUME MEASURES (reference year = 2002)**

(Unit - Millions of Baht)

Sector	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017r	2018r	2019r	2020p
<b>Agriculture</b>	<b>2,431,161</b>	<b>2,605,723</b>	<b>2,671,207</b>	<b>2,768,000</b>	<b>2,887,204</b>	<b>3,156,356</b>	<b>3,239,765</b>	<b>3,285,734</b>	<b>3,444,035</b>	<b>3,624,732</b>	<b>3,728,091</b>	<b>3,895,400</b>	<b>3,995,708</b>	<b>3,873,938</b>
Agriculture, forestry and fishing	2,431,161	2,605,723	2,671,207	2,768,000	2,887,204	3,156,356	3,239,765	3,285,734	3,444,035	3,624,732	3,728,091	3,895,400	3,995,708	3,873,938
<b>None Agriculture</b>	<b>27,718,941</b>	<b>29,388,749</b>	<b>29,666,937</b>	<b>31,778,785</b>	<b>33,298,510</b>	<b>34,028,276</b>	<b>35,165,643</b>	<b>35,782,201</b>	<b>36,357,610</b>	<b>37,219,321</b>	<b>38,031,779</b>	<b>39,060,459</b>	<b>39,568,635</b>	<b>39,184,034</b>
<b>Industrial</b>	<b>8,333,026</b>	<b>8,673,077</b>	<b>8,536,718</b>	<b>9,015,198</b>	<b>9,357,772</b>	<b>10,048,414</b>	<b>10,457,155</b>	<b>10,501,902</b>	<b>10,746,173</b>	<b>10,964,045</b>	<b>11,471,160</b>	<b>11,778,699</b>	<b>11,944,267</b>	<b>11,975,800</b>
Mining and quarrying	483,502	506,986	531,482	546,293	578,601	652,722	685,082	711,888	710,711	689,615	717,930	738,196	761,201	776,923
Manufacturing	5,457,162	5,575,584	5,509,998	5,810,223	5,961,270	6,509,012	6,780,387	6,717,806	6,893,905	7,074,534	7,414,159	7,684,471	7,794,671	7,760,014
Electricity, gas, steam and air conditioning supply	2,124,318	2,310,707	2,193,640	2,387,425	2,535,971	2,608,983	2,713,737	2,784,237	2,844,894	2,892,386	3,012,475	3,032,889	3,064,543	3,107,891
Water supply; sewerage, waste management and remediation activities	257,300	259,746	292,653	255,972	263,064	269,857	272,238	277,503	282,205	285,921	304,802	309,199	312,867	315,758
<b>Service</b>	<b>19,380,463</b>	<b>20,703,656</b>	<b>21,113,006</b>	<b>22,749,659</b>	<b>23,933,342</b>	<b>23,941,616</b>	<b>24,669,241</b>	<b>25,237,654</b>	<b>25,567,876</b>	<b>26,210,537</b>	<b>26,515,303</b>	<b>27,235,125</b>	<b>27,577,403</b>	<b>27,165,518</b>
Construction	967,184	944,473	928,358	1,009,263	1,030,946	1,084,317	1,128,003	1,136,723	1,250,551	1,370,206	1,367,249	1,410,856	1,430,216	1,462,766
Wholesale and retail trade; repair of motor vehicles and motorcycles	2,345,578	2,474,497	2,421,468	2,587,118	2,665,390	2,443,430	2,439,474	2,407,100	2,532,219	2,603,651	2,659,463	2,728,490	2,792,514	2,687,563
Transportation and storage	5,244,239	5,838,306	5,988,783	6,476,021	6,721,662	7,047,178	7,444,862	7,585,753	7,842,377	7,865,907	8,276,722	8,509,591	8,357,580	8,156,940
Accommodation and food service activities	1,118,078	1,164,122	1,166,981	1,212,508	1,207,939	1,272,773	1,374,753	1,406,234	1,496,584	1,564,932	1,530,178	1,557,947	1,631,383	1,371,786
Information and communication	520,995	513,421	519,871	510,079	523,770	608,490	636,137	695,314	744,011	763,272	824,533	842,952	853,943	866,052
Financial and insurance activities	379,652	404,005	417,895	435,345	450,242	385,728	404,898	408,743	403,234	407,947	428,946	437,292	446,140	458,830
Real estate activities	5,956,289	6,359,006	6,750,343	7,396,750	8,016,314	7,563,479	7,591,257	8,098,393	7,547,628	7,480,873	7,190,222	7,401,478	7,538,802	7,596,479
Professional, scientific and technical activities	17,025	16,292	16,045	17,410	19,146	19,522	20,094	20,572	20,807	21,606	21,854	22,609	23,488	23,827
Administrative and support service activities	23,015	24,424	24,861	26,521	27,473	30,082	30,682	30,864	32,116	32,809	34,623	35,857	37,420	37,535
Public administration and defence; compulsory social security	410,377	466,979	488,639	532,562	567,801	611,124	648,835	647,814	635,002	658,403	693,063	711,697	738,658	748,511
Education	585,647	607,343	584,699	622,455	664,245	696,402	722,821	709,339	729,183	776,735	818,583	843,989	873,672	891,125
Human health and social work activities	1,047,578	1,095,447	1,036,139	1,132,515	1,229,480	1,269,807	1,288,250	1,220,989	1,353,850	1,531,412	1,552,589	1,580,510	1,600,722	1,627,715
Arts, entertainment and recreation	18,249	19,004	20,007	21,196	19,821	19,519	22,505	21,564	22,820	23,972	23,018	24,034	25,772	25,601
Other service activities	715,111	733,822	700,096	728,951	767,104	806,843	843,139	800,968	823,078	924,438	915,578	946,453	1,023,855	1,006,350
Activities of households as employers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>30,144,765</b>	<b>31,986,259</b>	<b>32,326,738</b>	<b>34,540,898</b>	<b>36,179,298</b>	<b>37,167,539</b>	<b>38,389,984</b>	<b>39,053,022</b>	<b>39,781,681</b>	<b>40,816,918</b>	<b>41,729,796</b>	<b>42,916,058</b>	<b>43,518,576</b>	<b>43,021,805</b>

**TABLE 2-1 GROWTH RATE OF GROSS CAPITAL STOCK OF THAILAND : CHAIN VOLUME MEASURES (reference year = 2002)**

(Unit - Percentage)

Sector	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017r	2018r	2019r	2020p
<b>Agriculture</b>	<b>9.0</b>	<b>7.2</b>	<b>2.5</b>	<b>3.6</b>	<b>4.3</b>	<b>9.3</b>	<b>2.6</b>	<b>1.4</b>	<b>4.8</b>	<b>5.2</b>	<b>2.9</b>	<b>4.5</b>	<b>2.6</b>	<b>-3.0</b>
Agriculture, forestry and fishing	9.0	7.2	2.5	3.6	4.3	9.3	2.6	1.4	4.8	5.2	2.9	4.5	2.6	-3.0
<b>None Agriculture</b>	<b>2.3</b>	<b>6.0</b>	<b>0.9</b>	<b>7.1</b>	<b>4.8</b>	<b>2.2</b>	<b>3.3</b>	<b>1.8</b>	<b>1.6</b>	<b>2.4</b>	<b>2.2</b>	<b>2.7</b>	<b>1.3</b>	<b>-1.0</b>
<b>Industrial</b>	<b>2.1</b>	<b>4.1</b>	<b>-1.6</b>	<b>5.6</b>	<b>3.8</b>	<b>7.4</b>	<b>4.1</b>	<b>0.4</b>	<b>2.3</b>	<b>2.0</b>	<b>4.6</b>	<b>2.7</b>	<b>1.4</b>	<b>0.3</b>
Mining and quarrying	9.7	4.9	4.8	2.8	5.9	12.8	5.0	3.9	-0.2	-2.9	4.1	2.8	3.1	2.1
Manufacturing	0.5	2.2	-1.2	5.4	2.6	9.2	4.2	-0.9	2.6	2.6	4.8	3.6	1.4	-0.4
Electricity, gas, steam and air conditioning supply	5.3	8.8	-5.1	8.8	6.2	2.9	4.0	2.6	2.2	1.7	4.2	0.7	1.0	1.4
Water supply; sewerage, waste management and remediation activities	-1.8	1.0	12.7	-12.5	2.8	2.6	0.9	1.9	1.7	1.3	6.6	1.4	1.2	0.9
<b>Service</b>	<b>2.4</b>	<b>6.8</b>	<b>2.0</b>	<b>7.8</b>	<b>5.2</b>	<b>0.0</b>	<b>3.0</b>	<b>2.3</b>	<b>1.3</b>	<b>2.5</b>	<b>1.2</b>	<b>2.7</b>	<b>1.3</b>	<b>-1.5</b>
Construction	-1.6	-2.3	-1.7	8.7	2.1	5.2	4.0	0.8	10.0	9.5	-0.2	3.2	1.4	2.3
Wholesale and retail trade; repair of motor vehicles and motorcycles	0.1	5.5	-2.1	6.8	3.0	-8.3	-0.2	-1.3	5.2	2.8	2.1	2.6	2.3	-3.8
Transportation and storage	-0.7	11.3	2.6	8.1	3.8	4.8	5.6	1.9	3.4	0.3	5.2	2.8	-1.8	-2.4
Accommodation and food service activities	-5.0	4.1	0.2	3.9	-0.4	5.4	8.0	2.3	6.4	4.6	-2.2	1.8	4.7	-15.9
Information and communication	2.6	-1.5	1.3	-1.9	2.7	16.2	4.5	9.3	7.0	2.6	8.0	2.2	1.3	1.4
Financial and insurance activities	-0.1	6.4	3.4	4.2	3.4	-14.3	5.0	0.9	-1.3	1.2	5.1	1.9	2.0	2.8
Real estate activities	7.1	6.8	6.2	9.6	8.4	-5.6	0.4	6.7	-6.8	-0.9	-3.9	2.9	1.9	0.8
Professional, scientific and technical activities	2.8	-4.3	-1.5	8.5	10.0	2.0	2.9	2.4	1.1	3.8	1.1	3.5	3.9	1.4
Administrative and support service activities	3.3	6.1	1.8	6.7	3.6	9.5	2.0	0.6	4.1	2.2	5.5	3.6	4.4	0.3
Public administration and defence; compulsory social security	-2.4	13.8	4.6	9.0	6.6	7.6	6.2	-0.2	-2.0	3.7	5.3	2.7	3.8	1.3
Education	-0.5	3.7	-3.7	6.5	6.7	4.8	3.8	-1.9	2.8	6.5	5.4	3.1	3.5	2.0
Human health and social work activities	8.8	4.6	-5.4	9.3	8.6	3.3	1.5	-5.2	10.9	13.1	1.4	1.8	1.3	1.7
Arts, entertainment and recreation	2.1	4.1	5.3	5.9	-6.5	-1.5	15.3	-4.2	5.8	5.0	-4.0	4.4	7.2	-0.7
Other service activities	9.5	2.6	-4.6	4.1	5.2	5.2	4.5	-5.0	2.8	12.3	-1.0	3.4	8.2	-1.7
Activities of households as employers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>2.8</b>	<b>6.1</b>	<b>1.1</b>	<b>6.8</b>	<b>4.7</b>	<b>2.7</b>	<b>3.3</b>	<b>1.7</b>	<b>1.9</b>	<b>2.6</b>	<b>2.2</b>	<b>2.8</b>	<b>1.4</b>	<b>-1.1</b>

**TABLE 3 GROSS CAPITAL STOCK OF PRIVATE SECTOR AT CURRENT REPLACEMENT COST**

(Unit - Millions of Baht)

Sector	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017r	2018r	2019r	2020p
<b>Agriculture</b>	<b>1,273,941</b>	<b>1,341,477</b>	<b>1,411,156</b>	<b>1,632,500</b>	<b>1,633,521</b>	<b>1,742,988</b>	<b>1,861,948</b>	<b>1,992,968</b>	<b>2,074,161</b>	<b>2,201,383</b>	<b>2,473,083</b>	<b>2,669,975</b>	<b>2,746,114</b>	<b>2,449,649</b>
Agriculture, forestry and fishing	1,273,941	1,341,477	1,411,156	1,632,500	1,633,521	1,742,988	1,861,948	1,992,968	2,074,161	2,201,383	2,473,083	2,669,975	2,746,114	2,449,649
<b>None Agriculture</b>	<b>23,449,092</b>	<b>25,484,363</b>	<b>25,437,438</b>	<b>27,283,961</b>	<b>29,835,957</b>	<b>31,805,034</b>	<b>33,282,269</b>	<b>34,353,804</b>	<b>35,331,534</b>	<b>35,438,871</b>	<b>37,348,280</b>	<b>38,542,300</b>	<b>39,485,724</b>	<b>38,608,160</b>
<b>Industrial</b>	<b>6,578,754</b>	<b>7,039,056</b>	<b>7,224,463</b>	<b>7,881,942</b>	<b>8,480,838</b>	<b>9,067,159</b>	<b>9,403,013</b>	<b>9,765,257</b>	<b>10,147,030</b>	<b>10,114,185</b>	<b>10,669,460</b>	<b>11,245,976</b>	<b>11,506,758</b>	<b>11,375,325</b>
Mining and quarrying	423,646	446,455	453,552	505,346	544,205	581,912	601,289	628,914	651,198	656,223	695,470	757,284	779,430	796,737
Manufacturing	5,971,017	6,386,827	6,549,084	7,152,021	7,695,097	8,228,748	8,535,411	8,862,917	9,214,278	9,168,829	9,613,225	10,122,010	10,355,020	10,246,139
Electricity, gas, steam and air conditioning supply	83,896	96,618	93,501	105,956	113,783	122,133	130,535	134,295	138,829	142,829	201,469	206,190	209,573	178,329
Water supply; sewerage, waste management and remediation activities	100,196	109,155	128,325	118,619	127,753	134,366	135,778	139,132	142,725	146,303	159,296	160,492	162,735	154,120
<b>Service</b>	<b>16,870,337</b>	<b>18,445,307</b>	<b>18,212,975</b>	<b>19,402,019</b>	<b>21,355,119</b>	<b>22,737,875</b>	<b>23,879,256</b>	<b>24,588,547</b>	<b>25,184,504</b>	<b>25,324,686</b>	<b>26,678,820</b>	<b>27,296,325</b>	<b>27,978,965</b>	<b>27,232,835</b>
Construction	588,970	578,549	641,481	676,834	720,974	770,425	801,760	832,186	873,550	938,177	991,631	1,043,792	1,092,130	980,592
Wholesale and retail trade; repair of motor vehicles and motorcycles	2,706,434	2,933,508	2,937,272	3,166,592	3,394,244	3,603,599	3,801,620	3,942,444	4,106,994	4,147,498	4,459,858	4,640,342	4,746,182	4,561,961
Transportation and storage	2,990,422	3,337,133	3,495,776	3,619,038	3,825,863	3,876,779	4,167,546	4,304,097	4,469,462	4,380,509	4,993,117	5,195,468	5,307,083	5,216,723
Accommodation and food service activities	935,120	1,000,169	1,040,823	1,085,904	1,098,393	1,183,204	1,278,694	1,319,339	1,374,574	1,388,423	1,381,101	1,502,692	1,565,403	1,215,990
Information and communication	325,898	357,967	375,300	392,691	310,366	500,712	570,825	657,805	719,743	772,339	840,727	872,967	882,830	881,388
Financial and insurance activities	387,066	413,677	414,718	454,984	489,683	519,437	544,896	564,895	588,181	604,381	673,018	704,420	719,219	733,687
Real estate activities	6,805,753	7,535,584	7,039,054	7,556,447	8,711,231	9,182,722	9,589,457	9,762,180	9,723,315	9,936,956	9,899,338	9,773,481	9,992,310	10,020,327
Professional, scientific and technical activities	13,993	14,017	14,195	15,120	15,603	16,083	16,962	17,796	19,225	20,475	21,089	22,273	22,912	23,072
Administrative and support service activities	7,155	6,272	7,770	6,943	4,919	7,015	7,267	9,078	11,440	12,572	13,252	13,996	14,297	13,098
Public administration and defence; compulsory social security	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Education	485,497	529,256	531,823	570,323	633,246	679,048	695,319	724,013	746,541	789,853	878,170	914,396	944,786	945,957
Human health and social work activities	959,436	1,040,053	1,025,580	1,125,406	1,346,250	1,421,125	1,422,422	1,485,678	1,574,657	1,420,393	1,504,971	1,522,625	1,548,412	1,572,318
Arts, entertainment and recreation	7,937	10,371	11,541	11,319	10,177	17,428	19,143	19,257	17,281	13,598	15,655	16,402	16,744	16,489
Other service activities	656,658	688,750	677,643	720,417	794,169	960,297	965,346	949,779	959,540	899,513	1,006,894	1,073,471	1,126,658	1,051,233
Activities of households as employers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>24,723,032</b>	<b>26,825,840</b>	<b>26,848,593</b>	<b>28,916,461</b>	<b>31,469,478</b>	<b>33,548,022</b>	<b>35,144,218</b>	<b>36,346,772</b>	<b>37,405,695</b>	<b>37,640,254</b>	<b>39,821,363</b>	<b>41,212,275</b>	<b>42,231,838</b>	<b>41,057,809</b>

**TABLE 3-1 GROWTH RATE OF GROSS CAPITAL STOCK OF PRIVATE SECTOR AT CURRENT REPLACEMENT COST**

(Unit - Percentage)

Sector	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017r	2018r	2019r	2020p
<b>Agriculture</b>	<b>2.0</b>	<b>5.3</b>	<b>5.2</b>	<b>15.7</b>	<b>0.1</b>	<b>6.7</b>	<b>6.8</b>	<b>7.0</b>	<b>4.1</b>	<b>6.1</b>	<b>12.3</b>	<b>8.0</b>	<b>2.9</b>	<b>-10.8</b>
Agriculture, forestry and fishing	2.0	5.3	5.2	15.7	0.1	6.7	6.8	7.0	4.1	6.1	12.3	8.0	2.9	-10.8
<b>None Agriculture</b>	<b>4.0</b>	<b>8.7</b>	<b>-0.2</b>	<b>7.3</b>	<b>9.4</b>	<b>6.6</b>	<b>4.6</b>	<b>3.2</b>	<b>2.8</b>	<b>0.3</b>	<b>5.4</b>	<b>3.2</b>	<b>2.4</b>	<b>-2.2</b>
<b>Industrial</b>	<b>2.9</b>	<b>7.0</b>	<b>2.6</b>	<b>9.1</b>	<b>7.6</b>	<b>6.9</b>	<b>3.7</b>	<b>3.9</b>	<b>3.9</b>	<b>-0.3</b>	<b>5.5</b>	<b>5.4</b>	<b>2.3</b>	<b>-1.1</b>
Mining and quarrying	1.9	5.4	1.6	11.4	7.7	6.9	3.3	4.6	3.5	0.8	6.0	8.9	2.9	2.2
Manufacturing	2.8	7.0	2.5	9.2	7.6	6.9	3.7	3.8	4.0	-0.4	4.8	5.3	2.3	-1.1
Electricity, gas, steam and air conditioning supply	9.8	15.2	-3.2	13.3	7.4	7.3	6.9	2.9	3.4	2.9	41.1	2.3	1.6	-14.9
Water supply; sewerage, waste management and remediation activities	5.5	8.9	17.6	-7.6	7.7	5.2	1.1	2.5	2.6	2.5	8.9	0.8	1.4	-5.3
<b>Service</b>	<b>4.5</b>	<b>9.3</b>	<b>-1.3</b>	<b>6.5</b>	<b>10.1</b>	<b>6.5</b>	<b>5.0</b>	<b>3.0</b>	<b>2.4</b>	<b>0.6</b>	<b>5.3</b>	<b>2.3</b>	<b>2.5</b>	<b>-2.7</b>
Construction	-3.1	-1.8	10.9	5.5	6.5	6.9	4.1	3.8	5.0	7.4	5.7	5.3	4.6	-10.2
Wholesale and retail trade; repair of motor vehicles and motorcycles	2.7	8.4	0.1	7.8	7.2	6.2	5.5	3.7	4.2	1.0	7.5	4.0	2.3	-3.9
Transportation and storage	-2.0	11.6	4.8	3.5	5.7	1.3	7.5	3.3	3.8	-2.0	14.0	4.1	2.1	-1.7
Accommodation and food service activities	-1.0	7.0	4.1	4.3	1.2	7.7	7.9	3.3	4.2	1.0	-0.5	8.8	4.2	-22.3
Information and communication	28.3	9.8	4.8	4.6	-21.0	61.3	14.0	15.2	9.4	7.3	8.9	3.8	1.1	-0.2
Financial and insurance activities	2.6	6.9	0.3	9.7	7.6	6.1	4.9	3.7	4.1	2.8	11.4	4.7	2.1	2.0
Real estate activities	7.2	10.7	-6.6	7.4	15.3	5.4	4.4	1.8	-0.4	2.2	-0.4	-1.3	2.2	0.3
Professional, scientific and technical activities	6.9	0.2	1.3	6.5	3.2	3.1	5.5	4.9	8.0	6.5	3.0	5.6	2.9	0.7
Administrative and support service activities	0.5	-12.3	23.9	-10.6	-29.1	42.6	3.6	24.9	26.0	9.9	5.4	5.6	2.2	-8.4
Public administration and defence; compulsory social security	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Education	2.8	9.0	0.5	7.2	11.0	7.2	2.4	4.1	3.1	5.8	11.2	4.1	3.3	0.1
Human health and social work activities	12.7	8.4	-1.4	9.7	19.6	5.6	0.1	4.4	6.0	-9.8	6.0	1.2	1.7	1.5
Arts, entertainment and recreation	9.1	30.7	11.3	-1.9	-10.1	71.3	9.8	0.6	-10.3	-21.3	15.1	4.8	2.1	-1.5
Other service activities	14.0	4.9	-1.6	6.3	10.2	20.9	0.5	-1.6	1.0	-6.3	11.9	6.6	5.0	-6.7
Activities of households as employers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>3.9</b>	<b>8.5</b>	<b>0.1</b>	<b>7.7</b>	<b>8.8</b>	<b>6.6</b>	<b>4.8</b>	<b>3.4</b>	<b>2.9</b>	<b>0.6</b>	<b>5.8</b>	<b>3.5</b>	<b>2.5</b>	<b>-2.8</b>

**TABLE 4 GROSS CAPITAL STOCK OF PRIVATE SECTOR : CHAIN VOLUME MEASURES (reference year = 2002)**

(Unit - Millions of Baht)

Sector	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017r	2018r	2019r	2020p
<b>Agriculture</b>	1,173,327	1,167,208	1,229,583	1,279,978	1,321,993	1,435,637	1,457,506	1,489,522	1,561,629	1,729,794	2,016,598	2,107,099	2,161,358	1,933,405
Agriculture, forestry and fishing	1,173,327	1,167,208	1,229,583	1,279,978	1,321,993	1,435,637	1,457,506	1,489,522	1,561,629	1,729,794	2,016,598	2,107,099	2,161,358	1,933,405
<b>None Agriculture</b>	<b>19,635,211</b>	<b>20,503,548</b>	<b>20,852,653</b>	<b>22,170,943</b>	<b>23,056,828</b>	<b>23,381,550</b>	<b>24,051,824</b>	<b>24,447,140</b>	<b>24,641,699</b>	<b>25,081,574</b>	<b>25,986,605</b>	<b>26,866,204</b>	<b>27,474,480</b>	<b>26,879,273</b>
<b>Industrial</b>	<b>5,752,102</b>	<b>5,866,671</b>	<b>5,820,423</b>	<b>6,106,202</b>	<b>6,296,805</b>	<b>6,882,381</b>	<b>7,165,066</b>	<b>7,115,417</b>	<b>7,282,815</b>	<b>7,446,635</b>	<b>7,878,415</b>	<b>8,236,221</b>	<b>8,434,380</b>	<b>8,359,186</b>
Mining and quarrying	413,728	425,590	448,241	460,874	485,990	546,681	572,777	596,256	596,173	579,112	608,116	625,282	637,156	649,539
Manufacturing	5,186,759	5,282,810	5,209,868	5,488,105	5,648,185	6,172,366	6,426,315	6,354,171	6,515,154	6,686,778	7,033,960	7,374,940	7,558,648	7,501,761
Electricity, gas, steam and air conditioning supply	66,555	72,394	68,727	74,798	79,452	81,739	85,021	87,230	89,131	90,615	130,525	131,410	132,781	112,905
Water supply; sewerage, waste management and remediation activities	85,087	85,895	96,778	84,647	86,993	89,239	90,027	91,768	93,322	94,551	103,843	102,249	103,462	98,103
<b>Service</b>	<b>13,879,237</b>	<b>14,624,576</b>	<b>15,012,604</b>	<b>16,045,774</b>	<b>16,743,902</b>	<b>16,454,984</b>	<b>16,845,284</b>	<b>17,277,141</b>	<b>17,307,820</b>	<b>17,584,416</b>	<b>18,065,460</b>	<b>18,593,367</b>	<b>19,003,471</b>	<b>18,492,142</b>
Construction	510,064	463,481	485,587	509,153	519,545	556,547	581,869	577,535	627,026	711,810	737,620	777,596	816,871	733,068
Wholesale and retail trade; repair of motor vehicles and motorcycles	2,325,266	2,451,880	2,399,917	2,564,145	2,641,641	2,421,806	2,417,665	2,385,340	2,509,252	2,580,530	2,637,229	2,705,679	2,774,752	2,670,468
Transportation and storage	2,452,416	2,687,722	2,813,350	2,951,511	3,008,078	3,037,263	3,243,652	3,305,947	3,361,243	3,294,323	3,670,645	3,773,920	3,790,080	3,699,092
Accommodation and food service activities	775,700	792,919	797,912	824,457	768,805	813,429	899,584	921,379	984,169	1,037,501	1,025,156	1,059,340	1,109,274	891,605
Information and communication	271,001	288,676	286,589	291,199	224,760	367,127	374,513	411,835	438,781	478,852	525,144	536,875	543,875	542,927
Financial and insurance activities	314,868	331,296	342,720	355,842	368,712	315,653	329,879	333,338	328,736	336,442	358,874	365,857	372,992	381,124
Real estate activities	5,477,284	5,819,953	6,168,126	6,741,916	7,317,291	6,893,431	6,913,282	7,376,097	6,873,851	6,847,841	6,658,936	6,861,983	6,981,759	6,974,402
Professional, scientific and technical activities	11,195	10,713	10,551	11,448	12,590	12,837	13,213	13,528	13,682	14,207	14,589	14,867	15,445	15,668
Administrative and support service activities	6,116	5,270	6,361	5,795	4,182	5,811	5,837	6,830	8,206	8,979	9,450	9,787	10,214	9,495
Public administration and defence; compulsory social security	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Education	406,573	414,147	399,636	421,863	439,969	463,030	477,597	472,455	486,810	535,747	593,442	611,861	633,380	636,925
Human health and social work activities	726,569	746,000	708,636	768,015	841,333	863,748	866,567	825,706	926,453	943,504	995,071	1,012,966	1,025,920	1,025,315
Arts, entertainment and recreation	6,857	8,868	9,536	9,466	7,778	11,232	12,723	11,996	11,042	9,147	10,207	10,658	11,429	11,328
Other service activities	565,216	566,965	540,607	558,413	587,364	635,026	656,805	607,446	627,498	651,443	708,796	732,698	792,619	767,998
Activities of households as employers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>20,806,020</b>	<b>21,673,131</b>	<b>22,081,615</b>	<b>23,451,795</b>	<b>24,379,415</b>	<b>24,813,729</b>	<b>25,507,740</b>	<b>25,934,459</b>	<b>26,198,378</b>	<b>26,796,577</b>	<b>27,967,651</b>	<b>28,933,462</b>	<b>29,594,371</b>	<b>28,791,970</b>

**TABLE 4-1 GROWTH RATE OF GROSS CAPITAL STOCK OF PRIVATE SECTOR : CHAIN VOLUME MEASURES (reference year = 2002)**

(Unit - Percentage)

Sector	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017r	2018r	2019r	2020p
<b>Agriculture</b>	<b>4.8</b>	<b>-0.5</b>	<b>5.3</b>	<b>4.1</b>	<b>3.3</b>	<b>8.6</b>	<b>1.5</b>	<b>2.2</b>	<b>4.8</b>	<b>10.8</b>	<b>16.6</b>	<b>4.5</b>	<b>2.6</b>	<b>-10.5</b>
Agriculture, forestry and fishing	4.8	-0.5	5.3	4.1	3.3	8.6	1.5	2.2	4.8	10.8	16.6	4.5	2.6	-10.5
<b>None Agriculture</b>	<b>1.8</b>	<b>4.4</b>	<b>1.7</b>	<b>6.3</b>	<b>4.0</b>	<b>1.4</b>	<b>2.9</b>	<b>1.6</b>	<b>0.8</b>	<b>1.8</b>	<b>3.6</b>	<b>3.4</b>	<b>2.3</b>	<b>-2.2</b>
<b>Industrial</b>	<b>0.9</b>	<b>2.0</b>	<b>-0.8</b>	<b>4.9</b>	<b>3.1</b>	<b>9.3</b>	<b>4.1</b>	<b>-0.7</b>	<b>2.4</b>	<b>2.2</b>	<b>5.8</b>	<b>4.5</b>	<b>2.4</b>	<b>-0.9</b>
Mining and quarrying	8.7	2.9	5.3	2.8	5.4	12.5	4.8	4.1	0.0	-2.8	5.0	2.8	1.9	1.9
Manufacturing	0.3	1.9	-1.4	5.3	2.9	9.3	4.1	-1.1	2.5	2.6	5.2	4.8	2.5	-0.8
Electricity, gas, steam and air conditioning supply	5.3	8.8	-5.1	8.8	6.2	2.9	4.0	2.6	2.2	1.7	44.0	0.7	1.0	-15.0
Water supply; sewerage, waste management and remediation activities	-1.8	1.0	12.7	-12.5	2.8	2.6	0.9	1.9	1.7	1.3	9.8	-1.5	1.2	-5.2
<b>Service</b>	<b>2.1</b>	<b>5.4</b>	<b>2.7</b>	<b>6.9</b>	<b>4.4</b>	<b>-1.7</b>	<b>2.4</b>	<b>2.6</b>	<b>0.2</b>	<b>1.6</b>	<b>2.7</b>	<b>2.9</b>	<b>2.2</b>	<b>-2.7</b>
Construction	-6.3	-9.1	4.8	4.9	2.0	7.1	4.5	-0.7	8.6	13.5	3.6	5.4	5.1	-10.3
Wholesale and retail trade; repair of motor vehicles and motorcycles	0.1	5.4	-2.1	6.8	3.0	-8.3	-0.2	-1.3	5.2	2.8	2.2	2.6	2.6	-3.8
Transportation and storage	-5.8	9.6	4.7	4.9	1.9	1.0	6.8	1.9	1.7	-2.0	11.4	2.8	0.4	-2.4
Accommodation and food service activities	-6.1	2.2	0.6	3.3	-6.8	5.8	10.6	2.4	6.8	5.4	-1.2	3.3	4.7	-19.6
Information and communication	24.1	6.5	-0.7	1.6	-22.8	63.3	2.0	10.0	6.5	9.1	9.7	2.2	1.3	-0.2
Financial and insurance activities	-0.9	5.2	3.4	3.8	3.6	-14.4	4.5	1.0	-1.4	2.3	6.7	1.9	2.0	2.2
Real estate activities	6.9	6.3	6.0	9.3	8.5	-5.8	0.3	6.7	-6.8	-0.4	-2.8	3.0	1.7	-0.1
Professional, scientific and technical activities	2.8	-4.3	-1.5	8.5	10.0	2.0	2.9	2.4	1.1	3.8	2.7	1.9	3.9	1.4
Administrative and support service activities	-1.9	-13.8	20.7	-8.9	-27.8	39.0	0.4	17.0	20.1	9.4	5.2	3.6	4.4	-7.0
Public administration and defence; compulsory social security	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Education	-1.7	1.9	-3.5	5.6	4.3	5.2	3.1	-1.1	3.0	10.1	10.8	3.1	3.5	0.6
Human health and social work activities	7.5	2.7	-5.0	8.4	9.5	2.7	0.3	-4.7	12.2	1.8	5.5	1.8	1.3	-0.1
Arts, entertainment and recreation	2.7	29.3	7.5	-0.7	-17.8	44.4	13.3	-5.7	-8.0	-17.1	11.6	4.4	7.2	-0.9
Other service activities	10.8	0.3	-4.6	3.3	5.2	8.1	3.4	-7.5	3.3	3.8	8.8	3.4	8.2	-3.1
Activities of households as employers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>1.9</b>	<b>4.2</b>	<b>1.9</b>	<b>6.2</b>	<b>4.0</b>	<b>1.8</b>	<b>2.8</b>	<b>1.7</b>	<b>1.0</b>	<b>2.3</b>	<b>4.4</b>	<b>3.5</b>	<b>2.3</b>	<b>-2.7</b>

**TABLE 5 GROSS CAPITAL STOCK OF PUBLIC SECTOR AT CURRENT REPLACEMENT COST**

(Unit - Millions of Baht)

Sector	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017r	2018r	2019r	2020p
<b>Agriculture</b>	<b>1,365,694</b>	<b>1,653,292</b>	<b>1,654,508</b>	<b>1,897,841</b>	<b>1,934,053</b>	<b>2,089,102</b>	<b>2,276,818</b>	<b>2,403,317</b>	<b>2,500,218</b>	<b>2,411,548</b>	<b>2,098,911</b>	<b>2,266,013</b>	<b>2,330,633</b>	<b>2,458,680</b>
Agriculture, forestry and fishing	1,365,694	1,653,292	1,654,508	1,897,841	1,934,053	2,089,102	2,276,818	2,403,317	2,500,218	2,411,548	2,098,911	2,266,013	2,330,633	2,458,680
<b>None Agriculture</b>	<b>9,913,070</b>	<b>11,320,089</b>	<b>11,296,130</b>	<b>12,426,421</b>	<b>13,713,071</b>	<b>14,583,639</b>	<b>15,431,960</b>	<b>16,000,083</b>	<b>16,772,570</b>	<b>17,162,254</b>	<b>17,180,119</b>	<b>17,608,271</b>	<b>17,591,840</b>	<b>17,921,182</b>
<b>Industrial</b>	<b>3,179,460</b>	<b>3,647,536</b>	<b>3,612,139</b>	<b>4,029,498</b>	<b>4,306,805</b>	<b>4,609,782</b>	<b>4,898,914</b>	<b>5,062,926</b>	<b>5,241,995</b>	<b>5,369,043</b>	<b>5,401,656</b>	<b>5,438,812</b>	<b>5,431,566</b>	<b>5,581,172</b>
Mining and quarrying	71,447	85,387	84,227	93,661	103,704	112,875	117,896	121,965	125,110	125,218	125,589	136,752	151,744	156,252
Manufacturing	311,288	353,959	377,279	419,781	426,549	448,803	470,277	507,205	535,662	531,685	519,612	424,827	323,341	352,730
Electricity, gas, steam and air conditioning supply	2,593,932	2,987,262	2,890,905	3,275,975	3,517,982	3,776,149	4,035,929	4,152,156	4,292,351	4,416,024	4,448,182	4,552,401	4,627,109	4,730,251
Water supply; sewerage, waste management and remediation activities	202,794	220,928	259,728	240,082	258,569	271,955	274,812	281,600	288,872	296,115	308,273	324,832	329,372	341,938
<b>Service</b>	<b>6,733,610</b>	<b>7,672,553</b>	<b>7,683,991</b>	<b>8,396,923</b>	<b>9,406,267</b>	<b>9,973,856</b>	<b>10,533,047</b>	<b>10,937,157</b>	<b>11,530,575</b>	<b>11,793,211</b>	<b>11,778,464</b>	<b>12,169,460</b>	<b>12,160,274</b>	<b>12,340,010</b>
Construction	527,836	600,406	584,919	664,813	709,671	730,588	752,521	805,750	868,672	867,781	846,459	850,052	820,029	976,091
Wholesale and retail trade; repair of motor vehicles and motorcycles	23,642	27,060	26,376	28,371	30,515	32,177	34,293	35,965	37,591	37,160	37,599	39,120	30,379	29,200
Transportation and storage	3,404,287	3,911,831	3,945,687	4,321,628	4,723,170	5,118,277	5,397,847	5,571,989	5,958,588	6,078,909	6,265,574	6,519,492	6,395,673	6,286,779
Accommodation and food service activities	412,742	468,228	481,427	511,108	627,392	668,155	674,364	694,273	715,683	705,824	680,367	707,279	736,796	654,879
Information and communication	300,637	278,690	305,491	295,167	412,896	329,188	398,762	452,789	500,678	458,735	479,303	497,683	503,306	524,559
Financial and insurance activities	79,639	90,789	90,968	101,653	108,279	115,315	123,918	127,786	133,292	128,442	131,402	137,533	141,039	149,582
Real estate activities	595,183	697,957	664,425	733,949	832,186	892,570	940,424	955,950	953,082	918,597	789,822	768,398	797,240	893,754
Professional, scientific and technical activities	7,287	7,299	7,392	7,874	8,125	8,375	8,833	9,267	10,012	10,662	10,502	11,598	11,932	12,015
Administrative and support service activities	19,771	22,797	22,597	24,830	27,400	29,302	30,931	31,942	33,333	33,359	35,292	37,272	38,075	38,674
Public administration and defence; compulsory social security	537,526	618,859	621,862	668,188	723,962	766,890	833,388	859,264	904,021	914,401	1,012,383	1,067,275	1,110,127	1,126,128
Education	213,834	246,893	246,276	271,184	322,799	342,246	357,014	363,012	371,688	355,293	333,166	346,910	358,439	377,541
Human health and social work activities	423,894	487,191	473,981	534,118	621,089	668,089	692,169	711,226	726,430	885,065	843,207	853,098	867,546	923,782
Arts, entertainment and recreation	13,187	11,855	12,672	14,028	15,758	12,859	14,718	15,361	18,434	22,028	19,637	20,574	21,004	20,768
Other service activities	174,144	202,697	199,917	220,014	243,025	259,825	273,866	302,583	299,071	376,953	293,750	313,174	328,690	326,259
Activities of households as employers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>11,278,765</b>	<b>12,973,381</b>	<b>12,950,638</b>	<b>14,324,262</b>	<b>15,647,125</b>	<b>16,672,741</b>	<b>17,708,779</b>	<b>18,403,400</b>	<b>19,272,789</b>	<b>19,573,801</b>	<b>19,279,030</b>	<b>19,874,285</b>	<b>19,922,473</b>	<b>20,379,862</b>

**TABLE 5-1 GROWTH RATE OF GROSS CAPITAL STOCK OF PUBLIC SECTOR AT CURRENT REPLACEMENT COST**

(Unit - Percentage)

Sector	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017r	2018r	2019r	2020p
<b>Agriculture</b>	<b>10.2</b>	<b>21.1</b>	<b>0.1</b>	<b>14.7</b>	<b>1.9</b>	<b>8.0</b>	<b>9.0</b>	<b>5.6</b>	<b>4.0</b>	<b>-3.5</b>	<b>-13.0</b>	<b>8.0</b>	<b>2.9</b>	<b>5.5</b>
Agriculture, forestry and fishing	10.2	21.1	0.1	14.7	1.9	8.0	9.0	5.6	4.0	-3.5	-13.0	8.0	2.9	5.5
<b>None Agriculture</b>	<b>7.9</b>	<b>14.2</b>	<b>-0.2</b>	<b>10.0</b>	<b>10.4</b>	<b>6.3</b>	<b>5.8</b>	<b>3.7</b>	<b>4.8</b>	<b>2.3</b>	<b>0.1</b>	<b>2.5</b>	<b>-0.1</b>	<b>1.9</b>
<b>Industrial</b>	<b>9.2</b>	<b>14.7</b>	<b>-1.0</b>	<b>11.6</b>	<b>6.9</b>	<b>7.0</b>	<b>6.3</b>	<b>3.3</b>	<b>3.5</b>	<b>2.4</b>	<b>0.6</b>	<b>0.7</b>	<b>-0.1</b>	<b>2.8</b>
Mining and quarrying	9.4	19.5	-1.4	11.2	10.7	8.8	4.4	3.5	2.6	0.1	0.3	8.9	11.0	3.0
Manufacturing	6.4	13.7	6.6	11.3	1.6	5.2	4.8	7.9	5.6	-0.7	-2.3	-18.2	-23.9	9.1
Electricity, gas, steam and air conditioning supply	9.8	15.2	-3.2	13.3	7.4	7.3	6.9	2.9	3.4	2.9	0.7	2.3	1.6	2.2
Water supply; sewerage, waste management and remediation activities	5.5	8.9	17.6	-7.6	7.7	5.2	1.1	2.5	2.6	2.5	4.1	5.4	1.4	3.8
<b>Service</b>	<b>7.4</b>	<b>13.9</b>	<b>0.1</b>	<b>9.3</b>	<b>12.0</b>	<b>6.0</b>	<b>5.6</b>	<b>3.8</b>	<b>5.4</b>	<b>2.3</b>	<b>-0.1</b>	<b>3.3</b>	<b>-0.1</b>	<b>1.5</b>
Construction	7.7	13.7	-2.6	13.7	6.7	2.9	3.0	7.1	7.8	-0.1	-2.5	0.4	-3.5	19.0
Wholesale and retail trade; repair of motor vehicles and motorcycles	5.6	14.5	-2.5	7.6	7.6	5.4	6.6	4.9	4.5	-1.1	1.2	4.0	-22.3	-3.9
Transportation and storage	8.4	14.9	0.9	9.5	9.3	8.4	5.5	3.2	6.9	2.0	3.1	4.1	-1.9	-1.7
Accommodation and food service activities	3.1	13.4	2.8	6.2	22.8	6.5	0.9	3.0	3.1	-1.4	-3.6	4.0	4.2	-11.1
Information and communication	-10.6	-7.3	9.6	-3.4	39.9	-20.3	21.1	13.5	10.6	-8.4	4.5	3.8	1.1	4.2
Financial and insurance activities	7.5	14.0	0.2	11.7	6.5	6.5	7.5	3.1	4.3	-3.6	2.3	4.7	2.5	6.1
Real estate activities	10.7	17.3	-4.8	10.5	13.4	7.3	5.4	1.7	-0.3	-3.6	-14.0	-2.7	3.8	12.1
Professional, scientific and technical activities	6.9	0.2	1.3	6.5	3.2	3.1	5.5	4.9	8.0	6.5	-1.5	10.4	2.9	0.7
Administrative and support service activities	8.0	15.3	-0.9	9.9	10.4	6.9	5.6	3.3	4.4	0.1	5.8	5.6	2.2	1.6
Public administration and defence; compulsory social security	4.9	15.1	0.5	7.4	8.3	5.9	8.7	3.1	5.2	1.1	10.7	5.4	4.0	1.4
Education	7.0	15.5	-0.2	10.1	19.0	6.0	4.3	1.7	2.4	-4.4	-6.2	4.1	3.3	5.3
Human health and social work activities	17.5	14.9	-2.7	12.7	16.3	7.6	3.6	2.8	2.1	21.8	-4.7	1.2	1.7	6.5
Arts, entertainment and recreation	7.9	-10.1	6.9	10.7	12.3	-18.4	14.5	4.4	20.0	19.5	-10.9	4.8	2.1	-1.1
Other service activities	8.0	16.4	-1.4	10.1	10.5	6.9	5.4	10.5	-1.2	26.0	-22.1	6.6	5.0	-0.7
Activities of households as employers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>8.2</b>	<b>15.0</b>	<b>-0.2</b>	<b>10.6</b>	<b>9.2</b>	<b>6.6</b>	<b>6.2</b>	<b>3.9</b>	<b>4.7</b>	<b>1.6</b>	<b>-1.5</b>	<b>3.1</b>	<b>0.2</b>	<b>2.3</b>

**TABLE 6 GROSS CAPITAL STOCK OF PUBLIC SECTOR : CHAIN VOLUME MEASURES (reference year = 2002)**

(Unit - Millions of Baht)

Sector	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017r	2018r	2019r	2020p
<b>Agriculture</b>	<b>1,257,834</b>	<b>1,438,515</b>	<b>1,441,624</b>	<b>1,488,021</b>	<b>1,565,211</b>	<b>1,720,719</b>	<b>1,782,260</b>	<b>1,796,212</b>	<b>1,882,406</b>	<b>1,894,939</b>	<b>1,711,494</b>	<b>1,788,302</b>	<b>1,834,352</b>	<b>1,940,536</b>
Agriculture, forestry and fishing	1,257,834	1,438,515	1,441,624	1,488,021	1,565,211	1,720,719	1,782,260	1,796,212	1,882,406	1,894,939	1,711,494	1,788,302	1,834,352	1,940,536
<b>None Agriculture</b>	<b>8,078,899</b>	<b>8,871,673</b>	<b>8,804,644</b>	<b>9,589,345</b>	<b>10,213,523</b>	<b>10,611,409</b>	<b>11,076,182</b>	<b>11,296,585</b>	<b>11,675,255</b>	<b>12,095,828</b>	<b>12,004,235</b>	<b>12,151,463</b>	<b>12,053,389</b>	<b>12,259,373</b>
<b>Industrial</b>	<b>2,573,454</b>	<b>2,789,706</b>	<b>2,703,644</b>	<b>2,892,765</b>	<b>3,041,081</b>	<b>3,150,599</b>	<b>3,276,299</b>	<b>3,360,803</b>	<b>3,437,248</b>	<b>3,492,182</b>	<b>3,576,854</b>	<b>3,541,294</b>	<b>3,517,826</b>	<b>3,613,229</b>
Mining and quarrying	69,774	81,397	83,241	85,418	92,611	106,041	112,306	115,632	114,538	110,504	109,815	112,915	124,046	127,385
Manufacturing	270,402	292,774	300,130	322,119	313,086	336,646	354,072	363,635	378,751	387,756	380,199	309,531	236,023	258,254
Electricity, gas, steam and air conditioning supply	2,057,763	2,238,312	2,124,914	2,312,627	2,456,519	2,527,244	2,628,716	2,697,006	2,755,763	2,801,765	2,881,941	2,901,471	2,931,753	2,994,978
Water supply; sewerage, waste management and remediation activities	172,214	173,851	195,876	171,324	176,071	180,618	182,212	185,736	188,883	191,371	200,961	206,952	209,407	217,657
<b>Service</b>	<b>5,501,496</b>	<b>6,077,972</b>	<b>6,099,359</b>	<b>6,697,928</b>	<b>7,178,320</b>	<b>7,467,641</b>	<b>7,808,187</b>	<b>7,942,156</b>	<b>8,247,997</b>	<b>8,620,232</b>	<b>8,429,509</b>	<b>8,618,740</b>	<b>8,543,616</b>	<b>8,651,343</b>
Construction	457,120	480,992	442,771	500,110	511,401	527,770	546,134	559,188	623,525	658,399	629,633	633,264	613,349	729,702
Wholesale and retail trade; repair of motor vehicles and motorcycles	20,313	22,617	21,551	22,974	23,749	21,624	21,809	21,760	22,967	23,121	22,234	22,811	17,761	17,093
Transportation and storage	2,791,823	3,150,583	3,175,432	3,524,509	3,713,584	4,009,915	4,201,210	4,279,806	4,481,134	4,571,587	4,606,078	4,735,672	4,567,501	4,457,849
Accommodation and food service activities	342,378	371,204	369,070	388,051	439,134	459,344	475,170	484,855	512,415	527,431	505,022	498,608	522,111	480,183
Information and communication	249,994	224,745	233,282	218,880	299,010	241,364	261,624	283,480	305,231	284,418	299,387	306,075	310,066	323,123
Financial and insurance activities	64,784	72,709	75,175	79,503	81,530	70,075	75,020	75,405	74,497	71,500	70,067	71,430	73,143	77,701
Real estate activities	479,005	539,053	582,217	654,834	699,023	670,049	677,975	722,296	673,777	633,033	531,287	539,495	557,043	622,077
Professional, scientific and technical activities	5,830	5,579	5,494	5,962	6,556	6,685	6,881	7,045	7,125	7,398	7,265	7,742	8,043	8,159
Administrative and support service activities	16,899	19,154	18,500	20,725	23,292	24,271	24,845	24,034	23,910	23,825	25,168	26,065	27,201	28,035
Public administration and defence; compulsory social security	410,377	466,979	488,639	532,562	567,801	611,124	648,835	647,814	635,002	658,403	693,063	711,697	738,658	748,511
Education	179,073	193,196	185,063	200,592	224,276	233,371	245,224	236,884	242,373	240,989	225,142	232,130	240,294	254,201
Human health and social work activities	321,009	349,448	327,503	364,500	388,147	406,059	421,683	395,283	427,397	587,910	557,520	567,546	574,804	602,402
Arts, entertainment and recreation	11,393	10,137	10,471	11,731	12,043	8,287	9,782	9,568	11,779	14,823	12,808	13,373	14,340	14,270
Other service activities	149,894	166,856	159,489	170,538	179,740	171,817	186,334	193,522	195,580	272,994	206,782	213,755	231,236	238,352
Activities of households as employers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>9,335,248</b>	<b>10,302,756</b>	<b>10,237,672</b>	<b>11,075,617</b>	<b>11,777,143</b>	<b>12,323,862</b>	<b>12,851,232</b>	<b>13,087,013</b>	<b>13,550,422</b>	<b>13,986,914</b>	<b>13,726,647</b>	<b>13,943,737</b>	<b>13,884,968</b>	<b>14,188,521</b>

**TABLE 6-1 GROWTH RATE OF GROSS CAPITAL STOCK OF PUBLIC SECTOR : CHAIN VOLUME MEASURES (reference year = 2002)**

(Unit - Percentage)

Sector	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017r	2018r	2019r	2020p
<b>Agriculture</b>	<b>13.3</b>	<b>14.4</b>	<b>0.2</b>	<b>3.2</b>	<b>5.2</b>	<b>9.9</b>	<b>3.6</b>	<b>0.8</b>	<b>4.8</b>	<b>0.7</b>	<b>-9.7</b>	<b>4.5</b>	<b>2.6</b>	<b>5.8</b>
Agriculture, forestry and fishing	13.3	14.4	0.2	3.2	5.2	9.9	3.6	0.8	4.8	0.7	-9.7	4.5	2.6	5.8
<b>None Agriculture</b>	<b>3.8</b>	<b>9.8</b>	<b>-0.8</b>	<b>8.9</b>	<b>6.5</b>	<b>3.9</b>	<b>4.4</b>	<b>2.0</b>	<b>3.4</b>	<b>3.6</b>	<b>-0.8</b>	<b>1.2</b>	<b>-0.8</b>	<b>1.7</b>
<b>Industrial</b>	<b>4.9</b>	<b>8.4</b>	<b>-3.1</b>	<b>7.0</b>	<b>5.1</b>	<b>3.6</b>	<b>4.0</b>	<b>2.6</b>	<b>2.3</b>	<b>1.6</b>	<b>2.4</b>	<b>-1.0</b>	<b>-0.7</b>	<b>2.7</b>
Mining and quarrying	16.6	16.7	2.3	2.6	8.4	14.5	5.9	3.0	-0.9	-3.5	-0.6	2.8	9.9	2.7
Manufacturing	3.9	8.3	2.5	7.3	-2.8	7.5	5.2	2.7	4.2	2.3	-1.9	-18.6	-23.7	9.4
Electricity, gas, steam and air conditioning supply	5.3	8.8	-5.1	8.8	6.2	2.9	4.0	2.6	2.2	1.7	2.9	0.7	1.0	2.2
Water supply; sewerage, waste management and remediation activities	-1.8	1.0	12.7	-12.5	2.8	2.6	0.9	1.9	1.7	1.3	5.0	3.0	1.2	3.9
<b>Service</b>	<b>3.2</b>	<b>10.5</b>	<b>0.4</b>	<b>9.8</b>	<b>7.2</b>	<b>4.0</b>	<b>4.6</b>	<b>1.7</b>	<b>3.9</b>	<b>4.5</b>	<b>-2.2</b>	<b>2.2</b>	<b>-0.9</b>	<b>1.3</b>
Construction	4.2	5.2	-7.9	13.0	2.3	3.2	3.5	2.4	11.5	5.6	-4.4	0.6	-3.1	19.0
Wholesale and retail trade; repair of motor vehicles and motorcycles	2.8	11.3	-4.7	6.6	3.4	-8.9	0.9	-0.2	5.5	0.7	-3.8	2.6	-22.1	-3.8
Transportation and storage	4.3	12.9	0.8	11.0	5.4	8.0	4.8	1.9	4.7	2.0	0.8	2.8	-3.6	-2.4
Accommodation and food service activities	-2.3	8.4	-0.6	5.1	13.2	4.6	3.4	2.0	5.7	2.9	-4.2	-1.3	4.7	-8.0
Information and communication	-13.6	-10.1	3.8	-6.2	36.6	-19.3	8.4	8.4	7.7	-6.8	5.3	2.2	1.3	4.2
Financial and insurance activities	3.9	12.2	3.4	5.8	2.5	-14.0	7.1	0.5	-1.2	-4.0	-2.0	1.9	2.4	6.2
Real estate activities	10.3	12.5	8.0	12.5	6.7	-4.1	1.2	6.5	-6.7	-6.0	-16.1	1.5	3.3	11.7
Professional, scientific and technical activities	2.8	-4.3	-1.5	8.5	10.0	2.0	2.9	2.4	1.1	3.8	-1.8	6.6	3.9	1.4
Administrative and support service activities	5.3	13.3	-3.4	12.0	12.4	4.2	2.4	-3.3	-0.5	-0.3	5.6	3.6	4.4	3.1
Public administration and defence; compulsory social security	-2.4	13.8	4.6	9.0	6.6	7.6	6.2	-0.2	-2.0	3.7	5.3	2.7	3.8	1.3
Education	2.3	7.9	-4.2	8.4	11.8	4.1	5.1	-3.4	2.3	-0.6	-6.6	3.1	3.5	5.8
Human health and social work activities	12.0	8.9	-6.3	11.3	6.5	4.6	3.8	-6.3	8.1	37.6	-5.2	1.8	1.3	4.8
Arts, entertainment and recreation	1.7	-11.0	3.3	12.0	2.7	-31.2	18.0	-2.2	23.1	25.8	-13.6	4.4	7.2	-0.5
Other service activities	5.0	11.3	-4.4	6.9	5.4	-4.4	8.4	3.9	1.1	39.6	-24.3	3.4	8.2	3.1
Activities of households as employers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>4.9</b>	<b>10.4</b>	<b>-0.6</b>	<b>8.2</b>	<b>6.3</b>	<b>4.6</b>	<b>4.3</b>	<b>1.8</b>	<b>3.5</b>	<b>3.2</b>	<b>-1.9</b>	<b>1.6</b>	<b>-0.4</b>	<b>2.2</b>

**TABLE 7 NET CAPITAL STOCK OF THAILAND AT CURRENT REPLACEMENT COST**

(Unit - Millions of Baht)

Sector	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017r	2018r	2019r	2020p
<b>Agriculture</b>	<b>1,694,213</b>	<b>1,929,537</b>	<b>1,937,787</b>	<b>2,218,249</b>	<b>2,258,642</b>	<b>2,451,272</b>	<b>2,644,884</b>	<b>2,762,499</b>	<b>2,849,773</b>	<b>2,831,814</b>	<b>2,768,015</b>	<b>2,973,282</b>	<b>3,029,500</b>	<b>2,937,102</b>
Agriculture, forestry and fishing	1,694,213	1,929,537	1,937,787	2,218,249	2,258,642	2,451,272	2,644,884	2,762,499	2,849,773	2,831,814	2,768,015	2,973,282	3,029,500	2,937,102
<b>None Agriculture</b>	<b>21,974,847</b>	<b>24,271,755</b>	<b>23,847,241</b>	<b>25,619,515</b>	<b>28,126,333</b>	<b>30,101,129</b>	<b>31,311,397</b>	<b>32,094,162</b>	<b>32,984,789</b>	<b>33,222,641</b>	<b>34,313,147</b>	<b>35,287,419</b>	<b>35,776,149</b>	<b>35,482,577</b>
<b>Industrial</b>	<b>6,143,928</b>	<b>6,763,539</b>	<b>6,756,060</b>	<b>7,390,155</b>	<b>7,912,345</b>	<b>8,484,368</b>	<b>8,773,223</b>	<b>9,015,991</b>	<b>9,318,329</b>	<b>9,465,672</b>	<b>9,874,878</b>	<b>10,333,804</b>	<b>10,419,721</b>	<b>10,399,732</b>
Mining and quarrying	318,986	345,599	347,008	384,507	418,811	464,088	483,357	506,418	524,126	541,333	582,859	651,249	655,854	658,945
Manufacturing	4,001,597	4,314,689	4,407,283	4,777,641	5,122,102	5,480,278	5,616,248	5,792,050	5,968,109	6,032,752	6,342,875	6,658,378	6,696,530	6,659,682
Electricity, gas, steam and air conditioning supply	1,651,665	1,917,125	1,786,134	2,033,549	2,165,151	2,324,779	2,459,289	2,499,804	2,604,783	2,659,690	2,699,346	2,761,144	2,800,432	2,810,468
Water supply; sewerage, waste management and remediation activities	171,679	186,127	215,635	194,458	206,281	215,223	214,329	217,719	221,310	231,897	249,797	263,033	266,905	270,636
<b>Service</b>	<b>15,830,919</b>	<b>17,508,216</b>	<b>17,091,182</b>	<b>18,229,360</b>	<b>20,213,988</b>	<b>21,616,761</b>	<b>22,538,174</b>	<b>23,078,172</b>	<b>23,666,460</b>	<b>23,756,969</b>	<b>24,438,269</b>	<b>24,953,615</b>	<b>25,356,428</b>	<b>25,082,846</b>
Construction	758,011	798,295	825,815	895,220	950,116	993,997	1,018,513	1,058,736	1,116,667	1,171,763	1,196,062	1,270,334	1,304,866	1,321,421
Wholesale and retail trade; repair of motor vehicles and motorcycles	1,644,758	1,782,264	1,757,374	1,879,058	2,038,833	2,191,495	2,312,288	2,368,457	2,432,955	2,428,014	2,585,968	2,678,068	2,710,608	2,621,413
Transportation and storage	4,376,457	4,968,112	5,015,038	5,287,182	5,677,982	5,994,924	6,302,833	6,437,102	6,709,383	6,621,079	7,108,062	7,305,751	7,272,645	7,124,591
Accommodation and food service activities	765,906	842,276	875,534	902,344	1,005,402	1,097,607	1,150,393	1,188,327	1,235,867	1,235,332	1,336,309	1,403,235	1,403,235	1,265,872
Information and communication	356,955	364,500	405,115	377,615	401,637	470,102	568,237	653,865	708,234	691,550	729,760	745,026	752,728	782,107
Financial and insurance activities	289,406	315,189	310,958	339,001	375,722	397,152	415,736	425,852	439,883	440,504	481,029	501,962	511,174	529,074
Real estate activities	5,426,492	5,982,654	5,492,795	5,904,575	6,703,114	7,126,936	7,359,953	7,487,026	7,459,345	7,519,392	7,346,167	7,227,797	7,347,148	7,351,755
Professional, scientific and technical activities	12,364	13,778	13,849	14,884	15,401	15,907	16,564	17,228	18,425	19,322	19,164	20,294	20,759	20,264
Administrative and support service activities	15,972	17,490	18,290	19,008	19,047	22,031	23,207	25,073	27,720	28,102	29,979	32,343	32,648	29,927
Public administration and defence; compulsory social security	308,535	363,101	362,229	409,007	467,446	494,574	529,596	532,271	552,832	536,513	584,212	601,584	615,151	629,957
Education	427,925	476,347	477,457	522,406	599,197	651,850	669,170	686,447	705,199	725,201	765,562	802,217	862,992	871,607
Human health and social work activities	868,299	962,860	925,286	1,025,039	1,238,764	1,314,123	1,319,266	1,358,639	1,416,074	1,441,034	1,469,723	1,496,681	1,541,114	1,603,375
Arts, entertainment and recreation	12,812	13,541	14,671	14,997	14,917	19,542	21,429	21,651	22,425	22,237	21,802	24,676	24,974	23,475
Other service activities	567,029	607,810	596,772	639,023	706,409	826,521	830,991	817,498	821,452	847,662	865,448	910,571	956,387	908,006
Activities of households as employers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>23,669,060</b>	<b>26,201,292</b>	<b>25,785,029</b>	<b>27,837,764</b>	<b>30,384,975</b>	<b>32,552,401</b>	<b>33,956,282</b>	<b>34,856,662</b>	<b>35,834,562</b>	<b>36,054,455</b>	<b>37,081,163</b>	<b>38,260,701</b>	<b>38,805,649</b>	<b>38,419,679</b>

**TABLE 7-1 GROWTH RATE OF NET CAPITAL STOCK OF THAILAND AT CURRENT REPLACEMENT COST**

(Unit - Percentage)

Sector	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017r	2018r	2019r	2020p
<b>Agriculture</b>	<b>5.1</b>	<b>13.9</b>	<b>0.4</b>	<b>14.5</b>	<b>1.8</b>	<b>8.5</b>	<b>7.9</b>	<b>4.4</b>	<b>3.2</b>	<b>-0.6</b>	<b>-2.3</b>	<b>7.4</b>	<b>1.9</b>	<b>-3.0</b>
Agriculture, forestry and fishing	5.1	13.9	0.4	14.5	1.8	8.5	7.9	4.4	3.2	-0.6	-2.3	7.4	1.9	-3.0
<b>None Agriculture</b>	<b>4.6</b>	<b>10.5</b>	<b>-1.7</b>	<b>7.4</b>	<b>9.8</b>	<b>7.0</b>	<b>4.0</b>	<b>2.5</b>	<b>2.8</b>	<b>0.7</b>	<b>3.3</b>	<b>2.8</b>	<b>1.4</b>	<b>-0.8</b>
<b>Industrial</b>	<b>4.6</b>	<b>10.1</b>	<b>-0.1</b>	<b>9.4</b>	<b>7.1</b>	<b>7.2</b>	<b>3.4</b>	<b>2.8</b>	<b>3.4</b>	<b>1.6</b>	<b>4.3</b>	<b>4.6</b>	<b>0.8</b>	<b>-0.2</b>
Mining and quarrying	4.1	8.3	0.4	10.8	8.9	10.8	4.2	4.8	3.5	3.3	7.7	11.7	0.7	0.5
Manufacturing	2.5	7.8	2.1	8.4	7.2	7.0	2.5	3.1	3.0	1.1	5.1	5.0	0.6	-0.6
Electricity, gas, steam and air conditioning supply	9.6	16.1	-6.8	13.9	6.5	7.4	5.8	1.6	4.2	2.1	1.5	2.3	1.4	0.4
Water supply; sewerage, waste management and remediation activities	7.9	8.4	15.9	-9.8	6.1	4.3	-0.4	1.6	1.6	4.8	7.7	5.3	1.5	1.4
<b>Service</b>	<b>4.7</b>	<b>10.6</b>	<b>-2.4</b>	<b>6.7</b>	<b>10.9</b>	<b>6.9</b>	<b>4.3</b>	<b>2.4</b>	<b>2.5</b>	<b>0.4</b>	<b>2.9</b>	<b>2.1</b>	<b>1.6</b>	<b>-1.1</b>
Construction	0.6	5.3	3.4	8.4	6.1	4.6	2.5	3.9	5.5	5.0	2.1	6.2	2.7	1.3
Wholesale and retail trade; repair of motor vehicles and motorcycles	0.4	8.4	-1.4	6.9	8.5	7.5	5.5	2.4	2.7	-0.2	6.5	3.6	1.2	-3.3
Transportation and storage	2.9	13.5	0.9	5.4	7.4	5.6	5.1	2.1	4.2	-1.3	7.4	2.8	-0.5	-2.0
Accommodation and food service activities	2.2	10.0	3.9	3.1	11.4	9.2	4.8	3.3	4.0	2.3	-2.3	8.2	5.0	-9.8
Information and communication	6.6	2.1	11.1	-6.8	6.4	17.0	20.9	15.1	8.3	-2.4	5.5	2.1	1.0	3.9
Financial and insurance activities	2.9	8.9	-1.3	9.0	10.8	5.7	4.7	2.4	3.3	0.1	9.2	4.4	1.8	3.5
Real estate activities	6.0	10.2	-8.2	7.5	13.5	6.3	3.3	1.7	-0.4	0.8	-2.3	-1.6	1.7	0.1
Professional, scientific and technical activities	8.0	11.4	0.5	7.5	3.5	3.3	4.1	4.0	7.0	4.9	-0.8	5.9	2.3	-2.4
Administrative and support service activities	6.5	9.5	4.6	3.9	0.2	15.7	5.3	8.0	10.6	1.4	6.7	7.9	0.9	-8.3
Public administration and defence; compulsory social security	4.7	17.7	-0.2	12.9	14.3	5.8	7.1	0.5	3.9	-3.0	8.9	3.0	2.3	2.4
Education	3.9	11.3	0.2	9.4	14.7	8.8	2.7	2.6	2.7	2.8	5.6	4.8	7.6	1.0
Human health and social work activities	16.2	10.9	-3.9	10.8	20.9	6.1	0.4	3.0	4.2	1.8	2.0	1.8	3.0	4.0
Arts, entertainment and recreation	8.6	5.7	8.3	2.2	-0.5	31.0	9.7	1.0	3.6	-0.8	-2.0	13.2	1.2	-6.0
Other service activities	12.6	7.2	-1.8	7.1	10.5	17.0	0.5	-1.6	0.5	3.2	2.1	5.2	5.0	-5.1
Activities of households as employers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>4.7</b>	<b>10.7</b>	<b>-1.6</b>	<b>8.0</b>	<b>9.2</b>	<b>7.1</b>	<b>4.3</b>	<b>2.7</b>	<b>2.8</b>	<b>0.6</b>	<b>2.8</b>	<b>3.2</b>	<b>1.4</b>	<b>-1.0</b>

**TABLE 8 NET CAPITAL STOCK OF THAILAND : CHAIN VOLUME MEASURES (reference year = 2002)**

(Unit - Millions of Baht)

Sector	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017r	2018r	2019r	2020p
<b>Agriculture</b>	<b>1,560,406</b>	<b>1,678,874</b>	<b>1,768,975</b>	<b>1,797,236</b>	<b>1,886,111</b>	<b>1,991,980</b>	<b>2,042,643</b>	<b>2,055,791</b>	<b>2,060,838</b>	<b>2,137,283</b>	<b>2,192,830</b>	<b>2,260,795</b>	<b>2,281,851</b>	<b>2,249,661</b>
Agriculture, forestry and fishing	1,560,406	1,678,874	1,768,975	1,797,236	1,886,111	1,991,980	2,042,643	2,055,791	2,060,838	2,137,283	2,192,830	2,260,795	2,281,851	2,249,661
<b>None Agriculture</b>	<b>18,222,232</b>	<b>19,347,204</b>	<b>19,730,036</b>	<b>20,342,326</b>	<b>20,457,990</b>	<b>21,426,723</b>	<b>21,914,397</b>	<b>22,226,122</b>	<b>22,641,365</b>	<b>23,225,532</b>	<b>23,755,779</b>	<b>24,491,342</b>	<b>24,814,178</b>	<b>24,573,694</b>
<b>Industrial</b>	<b>5,229,841</b>	<b>5,472,552</b>	<b>5,548,436</b>	<b>5,759,077</b>	<b>5,937,733</b>	<b>6,263,541</b>	<b>6,448,345</b>	<b>6,415,806</b>	<b>6,456,937</b>	<b>6,653,304</b>	<b>6,881,973</b>	<b>7,161,925</b>	<b>7,163,054</b>	<b>7,143,010</b>
Mining and quarrying	311,519	329,447	342,944	362,623	349,036	403,545	426,171	444,390	448,757	446,775	461,334	472,627	474,330	474,375
Manufacturing	3,455,646	3,547,949	3,485,501	3,573,468	3,650,782	3,866,085	3,976,810	3,905,400	3,968,726	4,137,797	4,277,856	4,499,342	4,495,539	4,466,231
Electricity, gas, steam and air conditioning supply	1,310,264	1,436,474	1,537,655	1,629,749	1,740,278	1,790,950	1,843,800	1,869,038	1,837,061	1,853,698	1,917,633	1,953,965	1,956,772	1,966,565
Water supply; sewerage, waste management and remediation activities	145,791	146,465	162,623	176,475	178,636	181,781	180,725	182,623	184,028	190,588	200,154	206,474	207,213	207,541
<b>Service</b>	<b>12,988,162</b>	<b>13,867,263</b>	<b>14,173,381</b>	<b>14,574,398</b>	<b>14,507,573</b>	<b>15,151,844</b>	<b>15,456,592</b>	<b>15,792,403</b>	<b>16,163,160</b>	<b>16,550,890</b>	<b>16,852,728</b>	<b>17,308,388</b>	<b>17,629,894</b>	<b>17,409,096</b>
Construction	656,458	639,522	625,124	673,436	684,669	694,193	714,613	710,345	774,899	859,494	868,814	890,800	910,800	922,059
Wholesale and retail trade; repair of motor vehicles and motorcycles	1,413,114	1,489,650	1,435,874	1,468,663	1,531,595	1,571,834	1,569,396	1,529,373	1,586,418	1,612,267	1,633,350	1,689,606	1,720,341	1,633,428
Transportation and storage	3,589,090	4,001,310	4,060,193	4,151,271	4,297,928	4,395,680	4,591,140	4,627,381	4,722,350	4,660,166	4,894,251	4,919,175	4,879,628	4,695,673
Accommodation and food service activities	635,334	667,743	671,198	715,756	735,215	745,004	779,936	798,502	851,396	909,239	897,015	907,371	948,673	853,562
Information and communication	296,826	293,945	309,357	318,200	328,633	356,721	385,307	423,084	446,231	474,634	519,212	524,277	528,281	529,060
Financial and insurance activities	235,424	252,421	256,973	270,848	289,003	300,389	313,262	312,770	306,002	319,125	333,408	338,858	346,989	361,082
Real estate activities	4,367,252	4,620,579	4,906,800	4,990,164	4,449,676	4,759,183	4,726,557	5,103,315	5,071,425	5,119,387	5,052,763	5,343,030	5,471,726	5,591,584
Professional, scientific and technical activities	9,892	10,530	10,294	11,269	12,427	12,697	12,903	13,095	13,112	13,407	13,431	13,851	13,983	13,605
Administrative and support service activities	13,652	14,695	14,974	15,866	17,025	19,189	19,602	19,838	20,909	21,109	22,424	23,734	25,668	25,953
Public administration and defence; compulsory social security	235,553	273,989	284,628	288,604	312,071	342,839	358,669	349,075	337,794	336,044	348,979	345,105	358,499	377,193
Education	358,360	372,746	358,735	366,220	376,235	394,897	408,358	397,969	408,549	437,019	462,680	476,194	514,213	512,447
Human health and social work activities	657,552	690,631	675,201	694,978	764,110	800,681	805,703	763,068	841,942	907,859	922,809	930,815	949,449	961,948
Arts, entertainment and recreation	11,069	11,578	12,122	12,775	14,169	16,602	18,775	17,779	18,889	19,722	18,869	20,401	20,689	20,063
Other service activities	488,069	500,337	517,249	553,702	605,697	633,643	655,473	606,146	622,782	711,700	710,173	727,583	784,972	774,172
Activities of households as employers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>19,778,704</b>	<b>21,019,849</b>	<b>21,488,224</b>	<b>22,130,760</b>	<b>22,333,772</b>	<b>23,405,901</b>	<b>23,943,333</b>	<b>24,269,395</b>	<b>24,691,600</b>	<b>25,350,849</b>	<b>25,935,881</b>	<b>26,739,007</b>	<b>27,083,433</b>	<b>26,811,620</b>

**TABLE 8-1 GROWTH RATE OF NET CAPITAL STOCK OF THAILAND : CHAIN VOLUME MEASURES (reference year = 2002)**

(Unit - Percentage)

Sector	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017r	2018r	2019r	2020p
<b>Agriculture</b>	<b>8.0</b>	<b>7.6</b>	<b>5.4</b>	<b>1.6</b>	<b>4.9</b>	<b>5.6</b>	<b>2.5</b>	<b>0.6</b>	<b>0.2</b>	<b>3.7</b>	<b>2.6</b>	<b>3.1</b>	<b>0.9</b>	<b>-1.4</b>
Agriculture, forestry and fishing	8.0	7.6	5.4	1.6	4.9	5.6	2.5	0.6	0.2	3.7	2.6	3.1	0.9	-1.4
<b>None Agriculture</b>	<b>1.9</b>	<b>6.2</b>	<b>2.0</b>	<b>3.1</b>	<b>0.6</b>	<b>4.7</b>	<b>2.3</b>	<b>1.4</b>	<b>1.9</b>	<b>2.6</b>	<b>2.3</b>	<b>3.1</b>	<b>1.3</b>	<b>-1.0</b>
<b>Industrial</b>	<b>1.9</b>	<b>4.6</b>	<b>1.4</b>	<b>3.8</b>	<b>3.1</b>	<b>5.5</b>	<b>3.0</b>	<b>-0.5</b>	<b>0.6</b>	<b>3.0</b>	<b>3.4</b>	<b>4.1</b>	<b>0.0</b>	<b>-0.3</b>
Mining and quarrying	11.0	5.8	4.1	5.7	-3.7	15.6	5.6	4.3	1.0	-0.4	3.3	2.4	0.4	0.0
Manufacturing	0.1	2.7	-1.8	2.5	2.2	5.9	2.9	-1.8	1.6	4.2	3.4	5.2	-0.1	-0.7
Electricity, gas, steam and air conditioning supply	5.1	9.6	7.0	6.0	6.8	2.9	3.0	1.4	-1.7	0.9	3.4	1.9	0.1	0.5
Water supply; sewerage, waste management and remediation activities	0.4	0.5	11.0	8.5	1.2	1.8	-0.6	1.0	0.8	3.6	5.0	3.2	0.4	0.2
<b>Service</b>	<b>1.9</b>	<b>6.8</b>	<b>2.2</b>	<b>2.8</b>	<b>-0.5</b>	<b>4.4</b>	<b>2.0</b>	<b>2.2</b>	<b>2.3</b>	<b>2.4</b>	<b>1.8</b>	<b>2.7</b>	<b>1.9</b>	<b>-1.3</b>
Construction	-2.7	-2.6	-2.3	7.7	1.7	1.4	2.9	-0.6	9.1	10.9	1.1	2.5	2.2	1.2
Wholesale and retail trade; repair of motor vehicles and motorcycles	-2.2	5.4	-3.6	2.3	4.3	2.6	-0.2	-2.6	3.7	1.6	1.3	3.4	1.8	-5.1
Transportation and storage	-1.1	11.5	1.5	2.2	3.5	2.3	4.4	0.8	2.1	-1.3	5.0	0.5	-0.8	-3.8
Accommodation and food service activities	-3.1	5.1	0.5	6.6	2.7	1.3	4.7	2.4	6.6	6.8	-1.3	1.2	4.6	-10.0
Information and communication	3.0	-1.0	5.2	2.9	3.3	8.5	8.0	9.8	5.5	6.4	9.4	1.0	0.8	0.1
Financial and insurance activities	-0.6	7.2	1.8	5.4	6.7	3.9	4.3	-0.2	-2.2	4.3	4.5	1.6	2.4	4.1
Real estate activities	5.7	5.8	6.2	1.7	-10.8	7.0	-0.7	8.0	-0.6	0.9	-1.3	5.7	2.4	2.2
Professional, scientific and technical activities	3.9	6.4	-2.2	9.5	10.3	2.2	1.6	1.5	0.1	2.2	0.2	3.1	1.0	-2.7
Administrative and support service activities	3.9	7.6	1.9	6.0	7.3	12.7	2.1	1.2	5.4	0.9	6.2	5.8	8.1	1.1
Public administration and defence; compulsory social security	-2.6	16.3	3.9	1.4	8.1	9.9	4.6	-2.7	-3.2	-0.5	3.8	-1.1	3.9	5.2
Education	-0.6	4.0	-3.7	2.1	2.7	5.0	3.4	-2.5	2.7	7.0	5.9	2.9	8.0	-0.3
Human health and social work activities	10.8	5.0	-2.2	2.9	9.9	4.8	0.6	-5.3	10.3	7.8	1.6	0.9	2.0	1.3
Arts, entertainment and recreation	2.3	4.6	4.7	5.4	10.9	17.2	13.1	-5.3	6.2	4.4	-4.3	8.1	1.4	-3.0
Other service activities	9.4	2.5	3.4	7.0	9.4	4.6	3.4	-7.5	2.7	14.3	-0.2	2.5	7.9	-1.4
Activities of households as employers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>2.4</b>	<b>6.3</b>	<b>2.2</b>	<b>3.0</b>	<b>0.9</b>	<b>4.8</b>	<b>2.3</b>	<b>1.4</b>	<b>1.7</b>	<b>2.7</b>	<b>2.3</b>	<b>3.1</b>	<b>1.3</b>	<b>-1.0</b>

**TABLE 9 NET CAPITAL STOCK OF PRIVATE SECTOR AT CURRENT REPLACEMENT COST**

(Unit - Millions of Baht)

Sector	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017r	2018r	2019r	2020p
<b>Agriculture</b>	<b>817,661</b>	<b>864,317</b>	<b>891,983</b>	<b>1,025,763</b>	<b>1,034,187</b>	<b>1,114,936</b>	<b>1,189,881</b>	<b>1,252,324</b>	<b>1,292,173</b>	<b>1,351,398</b>	<b>1,497,275</b>	<b>1,608,308</b>	<b>1,638,717</b>	<b>1,465,849</b>
Agriculture, forestry and fishing	817,661	864,317	891,983	1,025,763	1,034,187	1,114,936	1,189,881	1,252,324	1,292,173	1,351,398	1,497,275	1,608,308	1,638,717	1,465,849
<b>None Agriculture</b>	<b>15,573,488</b>	<b>16,926,591</b>	<b>16,653,529</b>	<b>17,736,267</b>	<b>19,424,282</b>	<b>20,805,029</b>	<b>21,571,095</b>	<b>22,100,656</b>	<b>22,559,700</b>	<b>22,637,737</b>	<b>23,771,166</b>	<b>24,527,213</b>	<b>25,041,623</b>	<b>24,532,493</b>
<b>Industrial</b>	<b>4,184,791</b>	<b>4,499,851</b>	<b>4,587,146</b>	<b>4,965,170</b>	<b>5,340,915</b>	<b>5,729,538</b>	<b>5,875,014</b>	<b>6,053,003</b>	<b>6,234,672</b>	<b>6,316,701</b>	<b>6,713,384</b>	<b>7,148,436</b>	<b>7,252,341</b>	<b>7,175,141</b>
Mining and quarrying	272,953	290,113	292,660	324,386	351,776	388,693	404,120	424,160	439,658	454,590	493,705	551,634	548,976	550,905
Manufacturing	3,803,318	4,088,124	4,167,218	4,512,768	4,853,090	5,196,838	5,322,968	5,478,527	5,640,221	5,702,097	6,017,613	6,390,179	6,493,759	6,438,048
Electricity, gas, steam and air conditioning supply	51,747	60,064	55,960	63,711	67,834	72,835	77,050	78,319	81,608	83,328	116,963	119,640	121,343	102,104
Water supply; sewerage, waste management and remediation activities	56,773	61,550	71,308	64,305	68,215	71,172	70,876	71,997	73,185	76,686	85,103	86,982	88,263	84,084
<b>Service</b>	<b>11,388,697</b>	<b>12,426,740</b>	<b>12,066,384</b>	<b>12,771,096</b>	<b>14,083,367</b>	<b>15,075,491</b>	<b>15,696,081</b>	<b>16,047,653</b>	<b>16,325,028</b>	<b>16,321,036</b>	<b>17,057,782</b>	<b>17,378,777</b>	<b>17,789,283</b>	<b>17,357,352</b>
Construction	399,752	391,748	431,951	451,621	478,811	510,189	525,390	537,912	559,897	608,719	645,263	700,145	745,274	662,230
Wholesale and retail trade; repair of motor vehicles and motorcycles	1,630,514	1,765,974	1,741,734	1,862,372	2,020,667	2,172,100	2,291,616	2,347,046	2,410,888	2,406,453	2,564,349	2,655,680	2,693,368	2,604,741
Transportation and storage	2,046,606	2,287,120	2,355,915	2,409,686	2,541,010	2,583,752	2,746,081	2,805,354	2,875,642	2,772,974	3,152,354	3,240,027	3,298,072	3,230,931
Accommodation and food service activities	531,370	573,700	598,637	613,558	639,898	701,480	752,771	778,604	812,718	838,390	827,623	908,637	954,143	822,766
Information and communication	185,674	204,944	223,328	215,577	172,351	283,631	334,538	387,284	417,681	433,857	464,784	474,507	479,412	490,303
Financial and insurance activities	240,021	258,464	255,020	277,093	307,687	325,002	338,708	347,291	358,615	363,297	402,453	419,967	427,367	439,475
Real estate activities	4,990,093	5,475,504	5,019,041	5,381,843	6,118,603	6,495,561	6,702,636	6,819,258	6,793,449	6,883,101	6,803,358	6,700,963	6,804,267	6,749,720
Professional, scientific and technical activities	8,130	9,060	9,107	9,787	10,127	10,460	10,892	11,328	12,116	12,705	12,794	13,345	13,651	13,325
Administrative and support service activities	4,244	3,774	4,680	4,154	2,899	4,256	4,415	5,549	7,083	7,692	8,184	8,829	8,913	7,571
Public administration and defence; compulsory social security	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Education	297,078	324,821	326,337	354,055	396,884	433,408	442,147	457,208	470,798	500,200	555,002	581,575	625,634	622,973
Human health and social work activities	602,226	655,708	632,822	695,130	847,686	893,893	887,431	918,793	969,034	887,821	941,960	959,238	987,715	1,009,982
Arts, entertainment and recreation	4,814	6,318	6,993	6,697	5,853	11,245	12,115	12,044	10,850	8,487	9,671	10,946	11,078	10,389
Other service activities	448,174	469,606	460,821	489,524	540,891	650,513	647,342	619,982	626,259	597,339	669,987	704,919	740,387	692,945
Activities of households as employers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>16,391,149</b>	<b>17,790,908</b>	<b>17,545,512</b>	<b>18,762,030</b>	<b>20,458,469</b>	<b>21,919,965</b>	<b>22,760,976</b>	<b>23,352,980</b>	<b>23,851,872</b>	<b>23,989,135</b>	<b>25,268,441</b>	<b>26,135,521</b>	<b>26,680,340</b>	<b>25,998,342</b>

**TABLE 9-1 GROWTH RATE OF NET CAPITAL STOCK OF PRIVATE SECTOR AT CURRENT REPLACEMENT COST**

(Unit - Percentage)

Sector	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017r	2018r	2019r	2020p
<b>Agriculture</b>	<b>1.1</b>	<b>5.7</b>	<b>3.2</b>	<b>15.0</b>	<b>0.8</b>	<b>7.8</b>	<b>6.7</b>	<b>5.2</b>	<b>3.2</b>	<b>4.6</b>	<b>10.8</b>	<b>7.4</b>	<b>1.9</b>	<b>-10.5</b>
Agriculture, forestry and fishing	1.1	5.7	3.2	15.0	0.8	7.8	6.7	5.2	3.2	4.6	10.8	7.4	1.9	-10.5
<b>None Agriculture</b>	<b>3.4</b>	<b>8.7</b>	<b>-1.6</b>	<b>6.5</b>	<b>9.5</b>	<b>7.1</b>	<b>3.7</b>	<b>2.5</b>	<b>2.1</b>	<b>0.4</b>	<b>5.0</b>	<b>3.2</b>	<b>2.1</b>	<b>-2.0</b>
<b>Industrial</b>	<b>2.6</b>	<b>7.5</b>	<b>1.9</b>	<b>8.2</b>	<b>7.6</b>	<b>7.3</b>	<b>2.5</b>	<b>3.0</b>	<b>3.0</b>	<b>1.4</b>	<b>6.3</b>	<b>6.5</b>	<b>1.5</b>	<b>-1.1</b>
Mining and quarrying	3.1	6.3	0.9	10.8	8.4	10.5	4.0	5.0	3.7	3.4	8.6	11.7	-0.5	0.4
Manufacturing	2.4	7.5	1.9	8.3	7.5	7.1	2.4	2.9	3.0	1.2	5.5	6.2	1.6	-0.9
Electricity, gas, steam and air conditioning supply	9.6	16.1	-6.8	13.9	6.5	7.4	5.8	1.6	4.2	2.1	40.4	2.3	1.4	-15.9
Water supply; sewerage, waste management and remediation activities	7.9	8.4	15.9	-9.8	6.1	4.3	-0.4	1.6	1.6	4.8	11.0	2.2	1.5	-4.7
<b>Service</b>	<b>3.7</b>	<b>9.1</b>	<b>-2.9</b>	<b>5.8</b>	<b>10.3</b>	<b>7.0</b>	<b>4.1</b>	<b>2.2</b>	<b>1.7</b>	<b>0.0</b>	<b>4.5</b>	<b>1.9</b>	<b>2.4</b>	<b>-2.4</b>
Construction	-4.2	-2.0	10.3	4.6	6.0	6.6	3.0	2.4	4.1	8.8	6.0	8.5	6.4	-11.1
Wholesale and retail trade; repair of motor vehicles and motorcycles	0.4	8.3	-1.4	6.9	8.5	7.5	5.5	2.4	2.7	-0.2	6.6	3.6	1.4	-3.3
Transportation and storage	-2.4	11.8	3.0	2.3	5.4	1.7	6.3	2.2	2.5	-3.6	13.7	2.8	1.8	-2.0
Accommodation and food service activities	1.0	8.0	4.3	2.5	4.3	9.6	7.3	3.4	4.4	3.2	-1.3	9.8	5.0	-13.8
Information and communication	28.8	10.4	9.0	-3.5	-20.1	64.6	17.9	15.8	7.8	3.9	7.1	2.1	1.0	2.3
Financial and insurance activities	2.1	7.7	-1.3	8.7	11.0	5.6	4.2	2.5	3.3	1.3	10.8	4.4	1.8	2.8
Real estate activities	5.8	9.7	-8.3	7.2	13.7	6.2	3.2	1.7	-0.4	1.3	-1.2	-1.5	1.5	-0.8
Professional, scientific and technical activities	8.0	11.4	0.5	7.5	3.5	3.3	4.1	4.0	7.0	4.9	0.7	4.3	2.3	-2.4
Administrative and support service activities	1.1	-11.1	24.0	-11.2	-30.2	46.8	3.7	25.7	27.6	8.6	6.4	7.9	0.9	-15.0
Public administration and defence; compulsory social security	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Education	2.6	9.3	0.5	8.5	12.1	9.2	2.0	3.4	3.0	6.2	11.0	4.8	7.6	-0.4
Human health and social work activities	14.8	8.9	-3.5	9.8	21.9	5.5	-0.7	3.5	5.5	-8.4	6.1	1.8	3.0	2.3
Arts, entertainment and recreation	9.4	31.3	10.7	-4.2	-12.6	92.1	7.7	-0.6	-9.9	-21.8	13.9	13.2	1.2	-6.2
Other service activities	13.9	4.8	-1.9	6.2	10.5	20.3	-0.5	-4.2	1.0	-4.6	12.2	5.2	5.0	-6.4
Activities of households as employers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>3.3</b>	<b>8.5</b>	<b>-1.4</b>	<b>6.9</b>	<b>9.0</b>	<b>7.1</b>	<b>3.8</b>	<b>2.6</b>	<b>2.1</b>	<b>0.6</b>	<b>5.3</b>	<b>3.4</b>	<b>2.1</b>	<b>-2.6</b>

**TABLE 10 NET CAPITAL STOCK OF PRIVATE SECTOR : CHAIN VOLUME MEASURES (reference year = 2002)**

(Unit - Millions of Baht)

Sector	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017r	2018r	2019r	2020p
<b>Agriculture</b>	<b>753,083</b>	<b>752,035</b>	<b>814,277</b>	<b>831,078</b>	<b>863,612</b>	<b>906,032</b>	<b>918,944</b>	<b>931,952</b>	<b>934,446</b>	<b>1,019,953</b>	<b>1,186,145</b>	<b>1,222,909</b>	<b>1,234,298</b>	<b>1,122,760</b>
Agriculture, forestry and fishing	753,083	752,035	814,277	831,078	863,612	906,032	918,944	931,952	934,446	1,019,953	1,186,145	1,222,909	1,234,298	1,122,760
<b>None Agriculture</b>	<b>12,998,110</b>	<b>13,574,930</b>	<b>13,829,702</b>	<b>14,117,735</b>	<b>13,898,573</b>	<b>14,621,633</b>	<b>14,888,930</b>	<b>15,124,131</b>	<b>15,391,796</b>	<b>15,770,485</b>	<b>16,379,042</b>	<b>17,073,860</b>	<b>17,442,759</b>	<b>17,091,195</b>
<b>Industrial</b>	<b>3,639,929</b>	<b>3,731,176</b>	<b>3,684,789</b>	<b>3,786,890</b>	<b>3,865,807</b>	<b>4,117,331</b>	<b>4,238,653</b>	<b>4,176,400</b>	<b>4,237,185</b>	<b>4,402,312</b>	<b>4,594,822</b>	<b>4,868,153</b>	<b>4,907,013</b>	<b>4,848,014</b>
Mining and quarrying	266,563	276,554	289,232	305,924	293,169	337,985	356,309	372,208	376,435	375,183	390,766	400,331	397,030	396,593
Manufacturing	3,284,419	3,361,647	3,295,646	3,375,355	3,459,043	3,666,132	3,769,141	3,694,001	3,750,684	3,911,007	4,058,489	4,318,110	4,359,416	4,317,597
Electricity, gas, steam and air conditioning supply	41,051	45,005	48,175	51,060	54,523	56,110	57,766	58,557	57,555	58,077	83,092	84,666	84,788	71,446
Water supply; sewerage, waste management and remediation activities	48,212	48,435	53,778	58,359	59,073	60,113	59,764	60,392	60,856	63,026	68,191	68,280	68,525	64,483
<b>Service</b>	<b>9,356,616</b>	<b>9,838,222</b>	<b>10,134,016</b>	<b>10,318,566</b>	<b>10,012,504</b>	<b>10,483,881</b>	<b>10,630,969</b>	<b>10,920,208</b>	<b>11,126,420</b>	<b>11,339,192</b>	<b>11,754,244</b>	<b>12,173,925</b>	<b>12,505,176</b>	<b>12,211,674</b>
Construction	346,196	313,833	326,977	339,735	345,039	356,308	368,626	360,905	388,534	446,498	468,716	490,964	520,203	462,090
Wholesale and retail trade; repair of motor vehicles and motorcycles	1,400,876	1,476,034	1,423,095	1,455,621	1,517,949	1,557,923	1,555,366	1,515,547	1,572,029	1,597,953	1,619,698	1,675,484	1,709,403	1,623,043
Transportation and storage	1,678,402	1,842,043	1,907,357	1,891,983	1,923,409	1,894,494	2,000,314	2,016,659	2,023,999	1,951,724	2,170,551	2,181,604	2,212,862	2,129,440
Accommodation and food service activities	440,782	454,820	458,925	486,685	467,935	476,132	510,359	523,187	559,886	602,801	600,967	616,979	645,063	554,784
Information and communication	154,397	165,273	170,539	181,657	141,023	215,224	226,842	250,593	263,165	297,772	330,688	333,914	336,464	331,669
Financial and insurance activities	195,251	206,993	210,747	221,386	236,671	245,817	255,221	255,071	249,468	263,193	278,947	283,506	290,101	299,934
Real estate activities	4,016,038	4,228,892	4,483,588	4,548,384	4,061,664	4,337,567	4,304,428	4,648,150	4,618,699	4,686,186	4,679,416	4,953,578	5,067,422	5,133,691
Professional, scientific and technical activities	6,504	6,924	6,769	7,410	8,172	8,349	8,485	8,611	8,622	8,814	8,964	9,106	9,193	8,944
Administrative and support service activities	3,628	3,171	3,831	3,467	2,591	3,707	3,729	4,390	5,342	5,778	6,121	6,479	7,007	6,566
Public administration and defence; compulsory social security	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Education	248,785	254,175	245,224	248,202	249,203	262,563	269,818	265,067	272,752	301,429	335,424	345,221	372,783	366,266
Human health and social work activities	456,058	470,320	461,783	471,299	522,880	544,639	541,972	516,032	576,149	559,334	591,440	596,571	608,514	605,943
Arts, entertainment and recreation	4,159	5,402	5,778	5,705	5,560	9,553	10,615	9,890	9,139	7,527	8,369	9,048	9,176	8,878
Other service activities	385,765	386,570	399,414	424,164	463,776	498,709	510,613	459,695	474,797	501,529	549,782	563,260	607,688	590,812
Activities of households as employers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>13,749,213</b>	<b>14,327,972</b>	<b>14,641,425</b>	<b>14,946,219</b>	<b>14,758,870</b>	<b>15,524,518</b>	<b>15,805,138</b>	<b>16,053,457</b>	<b>16,324,637</b>	<b>16,785,464</b>	<b>17,550,700</b>	<b>18,283,337</b>	<b>18,664,537</b>	<b>18,207,860</b>

**TABLE 10-1 GROWTH RATE OF NET CAPITAL STOCK OF PRIVATE SECTOR : CHAIN VOLUME MEASURES (reference year = 2002)**

(Unit - Percentage)

Sector	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017r	2018r	2019r	2020p
<b>Agriculture</b>	<b>3.9</b>	<b>-0.1</b>	<b>8.3</b>	<b>2.1</b>	<b>3.9</b>	<b>4.9</b>	<b>1.4</b>	<b>1.4</b>	<b>0.3</b>	<b>9.2</b>	<b>16.3</b>	<b>3.1</b>	<b>0.9</b>	<b>-9.0</b>
Agriculture, forestry and fishing	3.9	-0.1	8.3	2.1	3.9	4.9	1.4	1.4	0.3	9.2	16.3	3.1	0.9	-9.0
<b>None Agriculture</b>	<b>1.2</b>	<b>4.4</b>	<b>1.9</b>	<b>2.1</b>	<b>-1.6</b>	<b>5.2</b>	<b>1.8</b>	<b>1.6</b>	<b>1.8</b>	<b>2.4</b>	<b>3.9</b>	<b>4.2</b>	<b>2.2</b>	<b>-2.0</b>
<b>Industrial</b>	<b>0.6</b>	<b>2.5</b>	<b>-1.2</b>	<b>2.8</b>	<b>2.1</b>	<b>6.5</b>	<b>2.9</b>	<b>-1.5</b>	<b>1.5</b>	<b>3.9</b>	<b>4.4</b>	<b>5.9</b>	<b>0.8</b>	<b>-1.2</b>
Mining and quarrying	9.9	3.7	4.6	5.8	-4.2	15.3	5.4	4.5	1.1	-0.3	4.2	2.4	-0.8	-0.1
Manufacturing	-0.1	2.4	-2.0	2.4	2.5	6.0	2.8	-2.0	1.5	4.2	3.8	6.4	1.0	-1.0
Electricity, gas, steam and air conditioning supply	5.1	9.6	7.0	6.0	6.8	2.9	3.0	1.4	-1.7	0.9	43.1	1.9	0.1	-15.7
Water supply; sewerage, waste management and remediation activities	0.4	0.5	11.0	8.5	1.2	1.8	-0.6	1.0	0.8	3.6	8.2	0.1	0.4	-5.9
<b>Service</b>	<b>1.4</b>	<b>5.1</b>	<b>3.0</b>	<b>1.8</b>	<b>-3.0</b>	<b>4.7</b>	<b>1.4</b>	<b>2.7</b>	<b>1.9</b>	<b>1.9</b>	<b>3.7</b>	<b>3.6</b>	<b>2.7</b>	<b>-2.3</b>
Construction	-7.3	-9.3	4.2	3.9	1.6	3.3	3.5	-2.1	7.7	14.9	5.0	4.7	6.0	-11.2
Wholesale and retail trade; repair of motor vehicles and motorcycles	-2.2	5.4	-3.6	2.3	4.3	2.6	-0.2	-2.6	3.7	1.6	1.4	3.4	2.0	-5.1
Transportation and storage	-6.2	9.7	3.5	-0.8	1.7	-1.5	5.6	0.8	0.4	-3.6	11.2	0.5	1.4	-3.8
Accommodation and food service activities	-4.3	3.2	0.9	6.0	-3.9	1.8	7.2	2.5	7.0	7.7	-0.3	2.7	4.6	-14.0
Information and communication	24.5	7.0	3.2	6.5	-22.4	52.6	5.4	10.5	5.0	13.1	11.1	1.0	0.8	-1.4
Financial and insurance activities	-1.4	6.0	1.8	5.0	6.9	3.9	3.8	-0.1	-2.2	5.5	6.0	1.6	2.3	3.4
Real estate activities	5.4	5.3	6.0	1.4	-10.7	6.8	-0.8	8.0	-0.6	1.5	-0.1	5.9	2.3	1.3
Professional, scientific and technical activities	3.9	6.5	-2.2	9.5	10.3	2.2	1.6	1.5	0.1	2.2	1.7	1.6	1.0	-2.7
Administrative and support service activities	-1.3	-12.6	20.8	-9.5	-25.3	43.1	0.6	17.7	21.7	8.1	5.9	5.8	8.1	-6.3
Public administration and defence; compulsory social security	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Education	-1.8	2.2	-3.5	1.2	0.4	5.4	2.8	-1.8	2.9	10.5	11.3	2.9	8.0	-1.7
Human health and social work activities	9.4	3.1	-1.8	2.1	10.9	4.2	-0.5	-4.8	11.6	-2.9	5.7	0.9	2.0	-0.4
Arts, entertainment and recreation	3.0	29.9	7.0	-1.3	-2.5	71.8	11.1	-6.8	-7.6	-17.6	11.2	8.1	1.4	-3.2
Other service activities	10.7	0.2	3.3	6.2	9.3	7.5	2.4	-10.0	3.3	5.6	9.6	2.5	7.9	-2.8
Activities of households as employers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>1.3</b>	<b>4.2</b>	<b>2.2</b>	<b>2.1</b>	<b>-1.3</b>	<b>5.2</b>	<b>1.8</b>	<b>1.6</b>	<b>1.7</b>	<b>2.8</b>	<b>4.6</b>	<b>4.2</b>	<b>2.1</b>	<b>-2.4</b>

**TABLE 11 NET CAPITAL STOCK OF PUBLIC SECTOR AT CURRENT REPLACEMENT COST**

(Unit - Millions of Baht)

Sector	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017r	2018r	2019r	2020p
<b>Agriculture</b>	<b>876,552</b>	<b>1,065,220</b>	<b>1,045,804</b>	<b>1,192,487</b>	<b>1,224,455</b>	<b>1,336,335</b>	<b>1,455,004</b>	<b>1,510,175</b>	<b>1,557,600</b>	<b>1,480,416</b>	<b>1,270,741</b>	<b>1,364,974</b>	<b>1,390,783</b>	<b>1,471,253</b>
Agriculture, forestry and fishing	876,552	1,065,220	1,045,804	1,192,487	1,224,455	1,336,335	1,455,004	1,510,175	1,557,600	1,480,416	1,270,741	1,364,974	1,390,783	1,471,253
<b>None Agriculture</b>	<b>6,401,359</b>	<b>7,345,164</b>	<b>7,193,712</b>	<b>7,883,248</b>	<b>8,702,051</b>	<b>9,296,100</b>	<b>9,740,302</b>	<b>9,993,507</b>	<b>10,425,089</b>	<b>10,584,904</b>	<b>10,541,981</b>	<b>10,760,206</b>	<b>10,734,526</b>	<b>10,950,085</b>
<b>Industrial</b>	<b>1,959,137</b>	<b>2,263,688</b>	<b>2,168,914</b>	<b>2,424,985</b>	<b>2,571,430</b>	<b>2,754,830</b>	<b>2,898,209</b>	<b>2,962,987</b>	<b>3,083,657</b>	<b>3,148,971</b>	<b>3,161,494</b>	<b>3,185,369</b>	<b>3,167,380</b>	<b>3,224,591</b>
Mining and quarrying	46,033	55,486	54,348	60,122	67,035	75,396	79,237	82,257	84,468	86,743	89,154	99,615	106,878	108,041
Manufacturing	198,279	226,564	240,065	264,872	269,013	283,440	293,280	313,524	327,888	330,655	325,263	268,199	202,771	221,634
Electricity, gas, steam and air conditioning supply	1,599,919	1,857,061	1,730,174	1,969,838	2,097,317	2,251,943	2,382,240	2,421,485	2,523,176	2,576,362	2,582,384	2,641,504	2,679,089	2,708,364
Water supply; sewerage, waste management and remediation activities	114,907	124,576	144,327	130,153	138,066	144,051	143,453	145,721	148,125	155,211	164,694	176,051	178,642	186,552
<b>Service</b>	<b>4,442,221</b>	<b>5,081,476</b>	<b>5,024,798</b>	<b>5,458,263</b>	<b>6,130,621</b>	<b>6,541,270</b>	<b>6,842,093</b>	<b>7,030,519</b>	<b>7,341,432</b>	<b>7,435,932</b>	<b>7,380,487</b>	<b>7,574,838</b>	<b>7,567,146</b>	<b>7,725,494</b>
Construction	358,259	406,548	393,864	443,600	471,305	483,808	493,123	520,824	556,770	563,044	550,798	570,189	559,592	659,191
Wholesale and retail trade; repair of motor vehicles and motorcycles	14,244	16,290	15,641	16,686	18,166	19,395	20,672	21,411	22,067	21,561	21,619	22,389	17,239	16,672
Transportation and storage	2,329,850	2,680,992	2,659,124	2,877,496	3,136,971	3,411,172	3,556,751	3,631,749	3,833,742	3,848,105	3,955,707	4,065,723	3,974,573	3,893,660
Accommodation and food service activities	234,536	268,577	276,896	288,786	365,504	396,126	397,622	409,723	423,148	426,207	407,709	427,672	449,091	443,106
Information and communication	171,281	159,556	181,787	162,038	229,287	186,471	233,699	266,581	290,553	257,692	264,976	270,519	273,315	291,804
Financial and insurance activities	49,384	56,724	55,938	61,908	68,036	72,151	77,028	78,561	81,268	77,207	78,576	81,996	83,807	89,599
Real estate activities	436,398	507,150	473,754	522,732	584,512	631,375	657,317	667,768	665,896	636,291	542,808	526,834	542,881	602,035
Professional, scientific and technical activities	4,234	4,718	4,742	5,097	5,274	5,447	5,672	5,899	6,309	6,616	6,371	6,949	7,109	6,939
Administrative and support service activities	11,727	13,716	13,610	14,854	16,148	17,775	18,792	19,525	20,637	20,410	21,795	23,514	23,735	22,356
Public administration and defence; compulsory social security	308,535	363,101	362,229	409,007	467,446	494,574	529,596	532,271	552,832	536,513	584,212	601,584	615,151	629,957
Education	130,847	151,526	151,120	168,350	202,313	218,441	227,023	229,239	234,401	225,001	210,560	220,642	237,357	248,635
Human health and social work activities	266,073	307,152	292,464	329,909	391,078	420,230	431,835	439,846	447,041	553,213	527,763	537,443	553,399	593,393
Arts, entertainment and recreation	7,998	7,222	7,678	8,300	9,063	8,297	9,314	9,607	11,574	13,749	12,131	13,730	13,896	13,085
Other service activities	118,855	138,204	135,951	149,499	165,519	176,008	183,649	197,516	195,193	250,323	195,461	205,652	216,000	215,061
Activities of households as employers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>7,277,911</b>	<b>8,410,384</b>	<b>8,239,517</b>	<b>9,075,735</b>	<b>9,926,506</b>	<b>10,632,435</b>	<b>11,195,306</b>	<b>11,503,682</b>	<b>11,982,689</b>	<b>12,065,320</b>	<b>11,812,722</b>	<b>12,125,181</b>	<b>12,125,309</b>	<b>12,421,338</b>

**TABLE 11-1 GROWTH RATE OF NET CAPITAL STOCK OF PUBLIC SECTOR AT CURRENT REPLACEMENT COST**

(Unit - Percentage)

Sector	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017r	2018r	2019r	2020p
<b>Agriculture</b>	<b>9.2</b>	<b>21.5</b>	<b>-1.8</b>	<b>14.0</b>	<b>2.7</b>	<b>9.1</b>	<b>8.9</b>	<b>3.8</b>	<b>3.1</b>	<b>-5.0</b>	<b>-14.2</b>	<b>7.4</b>	<b>1.9</b>	<b>5.8</b>
Agriculture, forestry and fishing	9.2	21.5	-1.8	14.0	2.7	9.1	8.9	3.8	3.1	-5.0	-14.2	7.4	1.9	5.8
<b>None Agriculture</b>	<b>7.9</b>	<b>14.7</b>	<b>-2.1</b>	<b>9.6</b>	<b>10.4</b>	<b>6.8</b>	<b>4.8</b>	<b>2.6</b>	<b>4.3</b>	<b>1.5</b>	<b>-0.4</b>	<b>2.1</b>	<b>-0.2</b>	<b>2.0</b>
<b>Industrial</b>	<b>9.2</b>	<b>15.5</b>	<b>-4.2</b>	<b>11.8</b>	<b>6.0</b>	<b>7.1</b>	<b>5.2</b>	<b>2.2</b>	<b>4.1</b>	<b>2.1</b>	<b>0.4</b>	<b>0.8</b>	<b>-0.6</b>	<b>1.8</b>
Mining and quarrying	10.6	20.5	-2.1	10.6	11.5	12.5	5.1	3.8	2.7	2.7	2.8	11.7	7.3	1.1
Manufacturing	6.0	14.3	6.0	10.3	1.6	5.4	3.5	6.9	4.6	0.9	-1.6	-17.5	-24.4	9.3
Electricity, gas, steam and air conditioning supply	9.6	16.1	-6.8	13.9	6.5	7.4	5.8	1.6	4.2	2.1	0.2	2.3	1.4	1.1
Water supply; sewerage, waste management and remediation activities	7.9	8.4	15.9	-9.8	6.1	4.3	-0.4	1.6	1.6	4.8	6.1	6.9	1.5	4.4
<b>Service</b>	<b>7.3</b>	<b>14.4</b>	<b>-1.1</b>	<b>8.6</b>	<b>12.3</b>	<b>6.7</b>	<b>4.6</b>	<b>2.8</b>	<b>4.4</b>	<b>1.3</b>	<b>-0.7</b>	<b>2.6</b>	<b>-0.1</b>	<b>2.1</b>
Construction	6.6	13.5	-3.1	12.6	6.2	2.7	1.9	5.6	6.9	1.2	-2.2	3.5	-1.9	17.8
Wholesale and retail trade; repair of motor vehicles and motorcycles	3.1	14.4	-4.0	6.7	8.9	6.8	6.6	3.6	3.1	-2.3	0.3	3.6	-23.0	-3.3
Transportation and storage	8.0	15.1	-0.8	8.2	9.0	8.7	4.3	2.1	5.6	0.4	2.8	2.8	-2.2	-2.0
Accommodation and food service activities	5.1	14.5	3.1	4.3	26.6	8.4	0.4	3.0	3.3	0.7	-4.3	4.9	5.0	-1.3
Information and communication	-10.2	-6.8	13.9	-10.9	41.5	-18.7	25.3	14.1	9.0	-11.3	2.8	2.1	1.0	6.8
Financial and insurance activities	7.0	14.9	-1.4	10.7	9.9	6.0	6.8	2.0	3.4	-5.0	1.8	4.4	2.2	6.9
Real estate activities	9.2	16.2	-6.6	10.3	11.8	8.0	4.1	1.6	-0.3	-4.4	-14.7	-2.9	3.0	10.9
Professional, scientific and technical activities	8.0	11.4	0.5	7.5	3.5	3.3	4.1	4.0	7.0	4.9	-3.7	9.1	2.3	-2.4
Administrative and support service activities	8.5	17.0	-0.8	9.1	8.7	10.1	5.7	3.9	5.7	-1.1	6.8	7.9	0.9	-5.8
Public administration and defence; compulsory social security	4.7	17.7	-0.2	12.9	14.3	5.8	7.1	0.5	3.9	-3.0	8.9	3.0	2.3	2.4
Education	6.8	15.8	-0.3	11.4	20.2	8.0	3.9	1.0	2.3	-4.0	-6.4	4.8	7.6	4.8
Human health and social work activities	19.6	15.4	-4.8	12.8	18.5	7.5	2.8	1.9	1.6	23.8	-4.6	1.8	3.0	7.2
Arts, entertainment and recreation	8.2	-9.7	6.3	8.1	9.2	-8.5	12.3	3.1	20.5	18.8	-11.8	13.2	1.2	-5.8
Other service activities	7.9	16.3	-1.6	10.0	10.7	6.3	4.3	7.6	-1.2	28.2	-21.9	5.2	5.0	-0.4
Activities of households as employers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>8.0</b>	<b>15.6</b>	<b>-2.0</b>	<b>10.1</b>	<b>9.4</b>	<b>7.1</b>	<b>5.3</b>	<b>2.8</b>	<b>4.2</b>	<b>0.7</b>	<b>-2.1</b>	<b>2.6</b>	<b>0.0</b>	<b>2.4</b>

**TABLE 12 NET CAPITAL STOCK OF PUBLIC SECTOR : CHAIN VOLUME MEASURES (reference year = 2002)**

(Unit - Millions of Baht)

Sector	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017r	2018r	2019r	2020p
<b>Agriculture</b>	<b>807,323</b>	<b>926,839</b>	<b>954,698</b>	<b>966,158</b>	<b>1,022,498</b>	<b>1,085,948</b>	<b>1,123,699</b>	<b>1,123,839</b>	<b>1,126,392</b>	<b>1,117,326</b>	<b>1,006,683</b>	<b>1,037,884</b>	<b>1,047,550</b>	<b>1,126,898</b>
Agriculture, forestry and fishing	807,323	926,839	954,698	966,158	1,022,498	1,085,948	1,123,699	1,123,839	1,126,392	1,117,326	1,006,683	1,037,884	1,047,550	1,126,898
<b>None Agriculture</b>	<b>5,220,580</b>	<b>5,763,355</b>	<b>5,890,938</b>	<b>6,212,943</b>	<b>6,544,746</b>	<b>6,786,406</b>	<b>7,008,895</b>	<b>7,084,187</b>	<b>7,231,968</b>	<b>7,437,288</b>	<b>7,356,368</b>	<b>7,394,090</b>	<b>7,349,568</b>	<b>7,457,745</b>
<b>Industrial</b>	<b>1,584,714</b>	<b>1,730,496</b>	<b>1,844,958</b>	<b>1,955,016</b>	<b>2,056,421</b>	<b>2,125,722</b>	<b>2,188,611</b>	<b>2,220,339</b>	<b>2,197,636</b>	<b>2,226,450</b>	<b>2,261,176</b>	<b>2,262,852</b>	<b>2,223,473</b>	<b>2,264,218</b>
Mining and quarrying	44,955	52,893	53,712	56,700	55,867	65,560	69,862	72,182	72,322	71,593	70,567	72,294	77,298	77,780
Manufacturing	171,227	186,303	189,855	198,113	191,739	199,954	207,669	211,399	218,042	226,792	219,368	181,233	136,125	148,636
Electricity, gas, steam and air conditioning supply	1,269,214	1,391,469	1,489,480	1,578,689	1,685,755	1,734,840	1,786,034	1,810,481	1,779,506	1,795,621	1,834,541	1,869,299	1,871,985	1,895,120
Water supply; sewerage, waste management and remediation activities	97,579	98,031	108,845	118,117	119,563	121,668	120,961	122,231	123,172	127,565	131,966	138,198	138,693	143,064
<b>Service</b>	<b>3,632,538</b>	<b>4,029,391</b>	<b>4,039,598</b>	<b>4,251,701</b>	<b>4,481,665</b>	<b>4,653,209</b>	<b>4,812,034</b>	<b>4,856,074</b>	<b>5,020,994</b>	<b>5,195,761</b>	<b>5,081,178</b>	<b>5,116,781</b>	<b>5,110,460</b>	<b>5,177,966</b>
Construction	310,262	325,690	298,146	333,701	339,630	337,885	345,987	349,440	386,365	412,992	400,094	399,832	390,593	459,965
Wholesale and retail trade; repair of motor vehicles and motorcycles	12,238	13,615	12,779	13,042	13,647	13,911	14,030	13,826	14,389	14,316	13,654	14,124	10,941	10,388
Transportation and storage	1,910,688	2,159,267	2,152,836	2,259,288	2,374,519	2,501,186	2,590,826	2,610,722	2,698,351	2,708,442	2,723,700	2,737,570	2,666,765	2,566,232
Accommodation and food service activities	194,552	212,923	212,273	229,071	267,280	268,872	269,577	275,316	291,509	306,442	296,052	290,396	303,614	298,782
Information and communication	142,429	128,671	138,818	136,543	187,610	141,497	158,465	172,492	183,066	176,863	188,525	190,364	191,818	197,391
Financial and insurance activities	40,173	45,428	46,227	49,462	52,333	54,572	58,041	57,700	56,534	55,933	54,463	55,353	56,889	61,149
Real estate activities	351,214	391,686	423,211	441,779	388,012	421,616	422,129	455,165	452,726	433,202	373,348	389,453	404,305	457,894
Professional, scientific and technical activities	3,387	3,606	3,525	3,859	4,255	4,348	4,418	4,484	4,490	4,591	4,465	4,743	4,788	4,659
Administrative and support service activities	10,024	11,524	11,142	12,399	14,434	15,483	15,873	15,448	15,566	15,329	16,300	17,252	18,657	19,383
Public administration and defence; compulsory social security	235,553	273,989	284,628	288,604	312,071	342,839	358,669	349,075	337,794	336,044	348,979	345,105	358,499	377,193
Education	109,576	118,570	113,558	118,018	127,032	132,334	138,539	132,902	135,798	135,591	127,257	130,974	141,431	146,183
Human health and social work activities	201,494	220,311	213,417	223,679	241,229	256,042	263,731	247,036	265,793	348,529	331,374	334,249	340,940	356,010
Arts, entertainment and recreation	6,910	6,175	6,344	7,070	8,609	7,049	8,161	7,889	9,749	12,198	10,502	11,355	11,515	11,186
Other service activities	102,304	113,767	117,834	129,539	141,921	134,934	144,859	146,451	147,986	210,171	160,392	164,324	177,285	183,362
Activities of households as employers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>6,027,422</b>	<b>6,686,075</b>	<b>6,840,793</b>	<b>7,177,680</b>	<b>7,565,633</b>	<b>7,868,440</b>	<b>8,128,361</b>	<b>8,204,462</b>	<b>8,355,591</b>	<b>8,553,233</b>	<b>8,367,721</b>	<b>8,433,913</b>	<b>8,397,689</b>	<b>8,580,076</b>

**TABLE 12-1 GROWTH RATE OF NET CAPITAL STOCK OF PUBLIC SECTOR : CHAIN VOLUME MEASURES (reference year = 2002)**

(Unit - Percentage)

Sector	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017r	2018r	2019r	2020p
<b>Agriculture</b>	<b>12.2</b>	<b>14.8</b>	<b>3.0</b>	<b>1.2</b>	<b>5.8</b>	<b>6.2</b>	<b>3.5</b>	<b>0.0</b>	<b>0.2</b>	<b>-0.8</b>	<b>-9.9</b>	<b>3.1</b>	<b>0.9</b>	<b>7.6</b>
Agriculture, forestry and fishing	12.2	14.8	3.0	1.2	5.8	6.2	3.5	0.0	0.2	-0.8	-9.9	3.1	0.9	7.6
<b>None Agriculture</b>	<b>3.8</b>	<b>10.4</b>	<b>2.2</b>	<b>5.5</b>	<b>5.3</b>	<b>3.7</b>	<b>3.3</b>	<b>1.1</b>	<b>2.1</b>	<b>2.8</b>	<b>-1.1</b>	<b>0.5</b>	<b>-0.6</b>	<b>1.5</b>
<b>Industrial</b>	<b>5.0</b>	<b>9.2</b>	<b>6.6</b>	<b>6.0</b>	<b>5.2</b>	<b>3.4</b>	<b>3.0</b>	<b>1.4</b>	<b>-1.0</b>	<b>1.3</b>	<b>1.6</b>	<b>0.1</b>	<b>-1.7</b>	<b>1.8</b>
Mining and quarrying	17.9	17.7	1.5	5.6	-1.5	17.4	6.6	3.3	0.2	-1.0	-1.4	2.4	6.9	0.6
Manufacturing	3.4	8.8	1.9	4.3	-3.2	4.3	3.9	1.8	3.1	4.0	-3.3	-17.4	-24.9	9.2
Electricity, gas, steam and air conditioning supply	5.1	9.6	7.0	6.0	6.8	2.9	3.0	1.4	-1.7	0.9	2.2	1.9	0.1	1.2
Water supply; sewerage, waste management and remediation activities	0.4	0.5	11.0	8.5	1.2	1.8	-0.6	1.0	0.8	3.6	3.5	4.7	0.4	3.2
<b>Service</b>	<b>3.3</b>	<b>10.9</b>	<b>0.3</b>	<b>5.3</b>	<b>5.4</b>	<b>3.8</b>	<b>3.4</b>	<b>0.9</b>	<b>3.4</b>	<b>3.5</b>	<b>-2.2</b>	<b>0.7</b>	<b>-0.1</b>	<b>1.3</b>
Construction	3.1	5.0	-8.5	11.9	1.8	-0.5	2.4	1.0	10.6	6.9	-3.1	-0.1	-2.3	17.8
Wholesale and retail trade; repair of motor vehicles and motorcycles	0.4	11.3	-6.1	2.1	4.6	1.9	0.9	-1.5	4.1	-0.5	-4.6	3.4	-22.5	-5.1
Transportation and storage	3.8	13.0	-0.3	4.9	5.1	5.3	3.6	0.8	3.4	0.4	0.6	0.5	-2.6	-3.8
Accommodation and food service activities	-0.4	9.4	-0.3	7.9	16.7	0.6	0.3	2.1	5.9	5.1	-3.4	-1.9	4.6	-1.6
Information and communication	-13.2	-9.7	7.9	-1.6	37.4	-24.6	12.0	8.9	6.1	-3.4	6.6	1.0	0.8	2.9
Financial and insurance activities	3.3	13.1	1.8	7.0	5.8	4.3	6.4	-0.6	-2.0	-1.1	-2.6	1.6	2.8	7.5
Real estate activities	8.8	11.5	8.0	4.4	-12.2	8.7	0.1	7.8	-0.5	-4.3	-13.8	4.3	3.8	13.3
Professional, scientific and technical activities	3.9	6.5	-2.2	9.5	10.3	2.2	1.6	1.5	0.1	2.2	-2.7	6.2	0.9	-2.7
Administrative and support service activities	5.9	15.0	-3.3	11.3	16.4	7.3	2.5	-2.7	0.8	-1.5	6.3	5.8	8.1	3.9
Public administration and defence; compulsory social security	-2.6	16.3	3.9	1.4	8.1	9.9	4.6	-2.7	-3.2	-0.5	3.8	-1.1	3.9	5.2
Education	2.1	8.2	-4.2	3.9	7.6	4.2	4.7	-4.1	2.2	-0.2	-6.1	2.9	8.0	3.4
Human health and social work activities	14.0	9.3	-3.1	4.8	7.8	6.1	3.0	-6.3	7.6	31.1	-4.9	0.9	2.0	4.4
Arts, entertainment and recreation	1.9	-10.6	2.7	11.4	21.8	-18.1	15.8	-3.3	23.6	25.1	-13.9	8.1	1.4	-2.9
Other service activities	4.9	11.2	3.6	9.9	9.6	-4.9	7.4	1.1	1.0	42.0	-23.7	2.5	7.9	3.4
Activities of households as employers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>4.8</b>	<b>10.9</b>	<b>2.3</b>	<b>4.9</b>	<b>5.4</b>	<b>4.0</b>	<b>3.3</b>	<b>0.9</b>	<b>1.8</b>	<b>2.4</b>	<b>-2.2</b>	<b>0.8</b>	<b>-0.4</b>	<b>2.2</b>

**TABLE 13 ANNUAL DEPRECIATION OF THAILAND AT CURRENT REPLACEMENT COST**

(Unit - Millions of Baht)

Sector	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017r	2018r	2019r	2020p
<b>Agriculture</b>	<b>124,506</b>	<b>132,112</b>	<b>148,020</b>	<b>172,855</b>	<b>184,727</b>	<b>190,956</b>	<b>223,286</b>	<b>227,351</b>	<b>247,261</b>	<b>250,197</b>	<b>242,872</b>	<b>243,537</b>	<b>244,112</b>	<b>244,975</b>
Agriculture, forestry and fishing	124,506	132,112	148,020	172,855	184,727	190,956	223,286	227,351	247,261	250,197	242,872	243,537	244,112	244,975
<b>None Agriculture</b>	<b>1,562,567</b>	<b>1,677,643</b>	<b>1,854,956</b>	<b>1,791,406</b>	<b>2,159,520</b>	<b>2,160,722</b>	<b>2,425,422</b>	<b>2,385,881</b>	<b>2,641,302</b>	<b>2,580,084</b>	<b>2,700,887</b>	<b>2,742,232</b>	<b>2,758,669</b>	<b>2,771,736</b>
<b>Industrial</b>	<b>569,387</b>	<b>608,983</b>	<b>674,803</b>	<b>609,510</b>	<b>787,432</b>	<b>742,660</b>	<b>853,414</b>	<b>818,726</b>	<b>909,897</b>	<b>896,633</b>	<b>938,613</b>	<b>950,835</b>	<b>952,684</b>	<b>956,650</b>
Mining and quarrying	26,993	26,965	31,046	28,678	43,603	38,097	40,790	42,073	45,639	43,020	42,581	42,401	44,150	44,889
Manufacturing	336,065	346,387	383,169	321,746	448,689	407,311	493,454	459,929	528,607	510,300	534,644	539,224	543,260	545,311
Electricity, gas, steam and air conditioning supply	181,023	206,493	230,342	229,229	262,087	264,093	285,266	283,536	299,833	308,784	325,681	333,789	329,616	330,617
Water supply; sewerage, waste management and remediation activities	25,306	29,137	30,245	29,857	33,054	33,159	33,903	33,188	35,818	34,529	35,707	35,422	35,658	35,834
<b>Service</b>	<b>993,180</b>	<b>1,068,661</b>	<b>1,180,153</b>	<b>1,181,896</b>	<b>1,372,088</b>	<b>1,418,062</b>	<b>1,572,008</b>	<b>1,567,156</b>	<b>1,731,405</b>	<b>1,683,451</b>	<b>1,762,274</b>	<b>1,791,396</b>	<b>1,805,985</b>	<b>1,815,087</b>
Construction	46,732	50,673	53,880	53,624	62,357	66,082	68,337	71,080	83,768	77,267	85,934	86,053	86,699	88,516
Wholesale and retail trade; repair of motor vehicles and motorcycles	144,245	159,077	162,241	171,087	185,899	210,710	228,848	236,759	254,771	245,951	269,288	271,726	273,279	270,815
Transportation and storage	291,864	320,327	346,114	351,210	435,795	428,711	477,827	484,493	533,518	551,339	559,241	568,093	570,531	572,331
Accommodation and food service activities	89,077	100,441	104,756	105,481	112,758	110,294	114,689	114,982	133,163	119,155	125,573	126,254	128,251	129,221
Information and communication	45,045	46,330	47,471	47,535	60,013	59,027	69,661	73,171	91,279	97,079	101,619	101,810	102,579	103,160
Financial and insurance activities	29,186	32,033	33,850	33,982	36,336	40,449	45,823	45,470	48,817	50,096	52,381	53,694	53,937	54,594
Real estate activities	170,394	172,289	225,535	206,837	259,743	260,566	314,667	279,616	282,502	278,500	290,796	298,664	303,545	306,055
Professional, scientific and technical activities	1,687	1,448	1,602	1,375	1,641	1,411	1,589	1,829	2,022	1,981	2,059	2,089	2,239	2,312
Administrative and support service activities	2,531	2,715	2,804	2,946	3,048	3,292	3,443	3,397	3,755	3,962	4,120	4,479	4,495	4,423
Public administration and defence; compulsory social security	21,426	24,975	27,240	29,267	22,270	39,979	42,909	45,209	42,173	33,963	33,842	39,392	39,434	40,013
Education	40,658	45,063	47,671	53,231	56,731	49,385	51,385	53,310	60,660	59,153	63,769	65,540	66,123	67,035
Human health and social work activities	78,280	78,000	90,334	87,802	91,894	101,828	104,094	107,143	131,718	112,928	118,905	117,470	118,262	119,668
Arts, entertainment and recreation	1,518	1,629	1,803	1,964	2,110	1,411	1,589	1,568	2,022	1,981	2,354	2,389	2,368	2,352
Other service activities	30,536	33,661	34,852	35,553	41,493	44,917	47,147	49,129	61,238	50,096	52,392	53,744	54,244	54,592
Activities of households as employers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>1,687,073</b>	<b>1,809,755</b>	<b>2,002,976</b>	<b>1,964,261</b>	<b>2,344,247</b>	<b>2,351,678</b>	<b>2,648,708</b>	<b>2,613,232</b>	<b>2,888,563</b>	<b>2,830,281</b>	<b>2,943,759</b>	<b>2,985,769</b>	<b>3,002,782</b>	<b>3,016,711</b>

**TABLE 13-1 GROWTH RATE OF ANNUAL DEPRECIATION OF THAILAND AT CURRENT REPLACEMENT COST**

(Unit - Percentage)

Sector	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017r	2018r	2019r	2020p
<b>Agriculture</b>	<b>7.4</b>	<b>6.1</b>	<b>12.0</b>	<b>16.8</b>	<b>6.9</b>	<b>3.4</b>	<b>16.9</b>	<b>1.8</b>	<b>8.8</b>	<b>1.2</b>	<b>-2.9</b>	<b>0.3</b>	<b>0.2</b>	<b>0.4</b>
Agriculture, forestry and fishing	7.4	6.1	12.0	16.8	6.9	3.4	16.9	1.8	8.8	1.2	-2.9	0.3	0.2	0.4
<b>None Agriculture</b>	<b>8.0</b>	<b>7.4</b>	<b>10.6</b>	<b>-3.4</b>	<b>20.5</b>	<b>0.1</b>	<b>12.3</b>	<b>-1.6</b>	<b>10.7</b>	<b>-2.3</b>	<b>4.7</b>	<b>1.5</b>	<b>0.6</b>	<b>0.5</b>
<b>Industrial</b>	<b>7.7</b>	<b>7.0</b>	<b>10.8</b>	<b>-9.7</b>	<b>29.2</b>	<b>-5.7</b>	<b>14.9</b>	<b>-4.1</b>	<b>11.1</b>	<b>-1.5</b>	<b>4.7</b>	<b>1.3</b>	<b>0.2</b>	<b>0.4</b>
Mining and quarrying	-0.2	-0.1	15.1	-7.6	52.0	-12.6	7.1	3.1	8.5	-5.7	-1.0	-0.4	4.1	1.7
Manufacturing	6.9	3.1	10.6	-16.0	39.5	-9.2	21.1	-6.8	14.9	-3.5	4.8	0.9	0.7	0.4
Electricity, gas, steam and air conditioning supply	11.6	14.1	11.5	-0.5	14.3	0.8	8.0	-0.6	5.7	3.0	5.5	2.5	-1.3	0.3
Water supply; sewerage, waste management and remediation activities	1.2	15.1	3.8	-1.3	10.7	0.3	2.2	-2.1	7.9	-3.6	3.4	-0.8	0.7	0.5
<b>Service</b>	<b>8.2</b>	<b>7.6</b>	<b>10.4</b>	<b>0.1</b>	<b>16.1</b>	<b>3.4</b>	<b>10.9</b>	<b>-0.3</b>	<b>10.5</b>	<b>-2.8</b>	<b>4.7</b>	<b>1.7</b>	<b>0.8</b>	<b>0.5</b>
Construction	2.4	8.4	6.3	-0.5	16.3	6.0	3.4	4.0	17.9	-7.8	11.2	0.1	0.8	2.1
Wholesale and retail trade; repair of motor vehicles and motorcycles	7.6	10.3	2.0	5.5	8.7	13.3	8.6	3.5	7.6	-3.5	9.5	0.9	0.6	-0.9
Transportation and storage	4.6	9.8	8.1	1.5	24.1	-1.6	11.5	1.4	10.1	3.3	1.4	1.6	0.4	0.3
Accommodation and food service activities	0.2	12.8	4.3	0.7	6.9	-2.2	4.0	0.3	15.8	-10.5	5.4	0.5	1.6	0.8
Information and communication	20.1	2.9	2.5	0.1	26.2	-1.6	18.0	5.0	24.7	6.4	4.7	0.2	0.8	0.6
Financial and insurance activities	6.7	9.8	5.7	0.4	6.9	11.3	13.3	-0.8	7.4	2.6	4.6	2.5	0.5	1.2
Real estate activities	18.4	1.1	30.9	-8.3	25.6	0.3	20.8	-11.1	1.0	-1.4	4.4	2.7	1.6	0.8
Professional, scientific and technical activities	7.9	-14.2	10.7	-14.2	19.3	-14.0	12.6	15.1	10.5	-2.0	3.9	1.5	7.2	3.2
Administrative and support service activities	7.9	7.3	3.3	5.1	3.4	8.0	4.6	-1.3	10.5	5.5	4.0	8.7	0.4	-1.6
Public administration and defence; compulsory social security	2.3	16.6	9.1	7.4	-23.9	79.5	7.3	5.4	-6.7	-19.5	-0.4	16.4	0.1	1.5
Education	3.6	10.8	5.8	11.7	6.6	-12.9	4.0	3.7	13.8	-2.5	7.8	2.8	0.9	1.4
Human health and social work activities	13.8	-0.4	15.8	-2.8	4.7	10.8	2.2	2.9	22.9	-14.3	5.3	-1.2	0.7	1.2
Arts, entertainment and recreation	7.9	7.3	10.7	9.0	7.4	-33.1	12.6	-1.3	29.0	-2.0	18.8	1.5	-0.9	-0.6
Other service activities	11.0	10.2	3.5	2.0	16.7	8.3	5.0	4.2	24.6	-18.2	4.6	2.6	0.9	0.6
Activities of households as employers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>7.9</b>	<b>7.3</b>	<b>10.7</b>	<b>-1.9</b>	<b>19.3</b>	<b>0.3</b>	<b>12.6</b>	<b>-1.3</b>	<b>10.5</b>	<b>-2.0</b>	<b>4.0</b>	<b>1.4</b>	<b>0.6</b>	<b>0.5</b>

**TABLE 14 ANNUAL DEPRECIATION OF THAILAND : CHAIN VOLUME MEASURES (reference year = 2002)**

(Unit - Millions of Baht)

Sector	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017r	2018r	2019r	2020p
<b>Agriculture</b>	<b>90,464</b>	<b>92,834</b>	<b>95,806</b>	<b>101,463</b>	<b>104,401</b>	<b>112,713</b>	<b>116,558</b>	<b>120,198</b>	<b>122,421</b>	<b>125,557</b>	<b>130,361</b>	<b>134,228</b>	<b>138,566</b>	<b>141,756</b>
Agriculture, forestry and fishing	90,464	92,834	95,806	101,463	104,401	112,713	116,558	120,198	122,421	125,557	130,361	134,228	138,566	141,756
<b>None Agriculture</b>	<b>1,259,145</b>	<b>1,311,279</b>	<b>1,350,417</b>	<b>1,376,344</b>	<b>1,445,582</b>	<b>1,492,515</b>	<b>1,545,615</b>	<b>1,591,109</b>	<b>1,633,183</b>	<b>1,674,845</b>	<b>1,719,494</b>	<b>1,761,950</b>	<b>1,807,618</b>	<b>1,827,588</b>
<b>Industrial</b>	<b>492,063</b>	<b>503,019</b>	<b>530,779</b>	<b>537,538</b>	<b>577,295</b>	<b>588,142</b>	<b>591,236</b>	<b>611,025</b>	<b>638,025</b>	<b>645,965</b>	<b>664,994</b>	<b>687,051</b>	<b>706,176</b>	<b>716,940</b>
Mining and quarrying	24,236	24,577	26,570	28,586	32,231	32,659	34,387	36,733	38,143	38,455	36,342	37,572	39,312	40,041
Manufacturing	306,289	309,465	325,818	329,999	331,305	333,714	339,568	351,452	366,433	374,330	383,295	395,752	406,163	410,598
Electricity, gas, steam and air conditioning supply	138,775	145,000	153,517	153,630	179,890	187,202	183,075	188,458	197,103	197,678	207,373	214,629	220,641	225,296
Water supply; sewerage, waste management and remediation activities	23,246	23,883	24,693	25,632	26,463	26,703	27,162	27,260	28,865	27,801	27,889	28,607	29,390	30,062
<b>Service</b>	<b>768,627</b>	<b>808,885</b>	<b>821,348</b>	<b>840,154</b>	<b>872,169</b>	<b>907,331</b>	<b>954,018</b>	<b>980,009</b>	<b>996,838</b>	<b>1,029,111</b>	<b>1,053,959</b>	<b>1,075,224</b>	<b>1,101,999</b>	<b>1,111,735</b>
Construction	42,958	45,298	44,106	45,324	46,220	48,156	50,750	52,916	55,648	59,955	61,972	63,620	66,001	68,389
Wholesale and retail trade; repair of motor vehicles and motorcycles	124,618	134,958	132,505	141,522	155,425	173,114	183,278	175,828	184,823	185,612	194,958	200,325	208,383	207,270
Transportation and storage	243,691	248,377	266,382	266,744	267,906	274,146	293,370	304,828	319,339	331,159	331,966	335,904	339,393	340,856
Accommodation and food service activities	77,468	80,472	83,023	83,988	89,382	90,704	95,809	100,316	104,953	103,432	105,789	108,428	112,262	112,865
Information and communication	33,274	34,905	35,232	33,637	36,786	39,716	42,528	42,626	44,942	47,267	51,275	52,666	54,100	54,326
Financial and insurance activities	24,625	25,819	27,604	29,364	30,898	31,276	32,276	32,845	33,211	33,839	34,819	35,182	37,026	37,739
Real estate activities	86,564	95,838	88,723	91,641	94,211	96,323	97,968	102,421	92,071	93,646	91,057	92,943	95,512	96,065
Professional, scientific and technical activities	1,047	1,073	1,076	1,132	1,137	1,195	1,337	1,459	1,419	1,355	1,375	1,430	1,482	1,599
Administrative and support service activities	1,988	2,111	2,206	2,268	2,346	2,495	2,587	2,694	2,778	3,032	3,189	3,391	3,631	3,686
Public administration and defence; compulsory social security	17,861	19,239	20,510	21,822	21,950	22,886	22,031	23,411	22,029	21,153	21,512	22,729	22,894	23,439
Education	35,106	36,959	35,957	37,221	38,874	39,498	41,847	43,518	44,543	47,903	50,876	51,524	52,377	53,246
Human health and social work activities	57,052	57,652	60,791	61,441	62,009	63,639	67,523	67,941	71,477	80,112	80,202	82,418	84,440	87,665
Arts, entertainment and recreation	1,600	1,655	1,746	1,862	2,064	2,191	2,370	2,555	2,734	2,878	2,970	3,114	3,267	3,346
Other service activities	22,187	23,413	23,092	23,562	25,663	28,138	29,879	32,470	33,923	34,486	34,812	35,009	35,981	36,677
Activities of households as employers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>1,349,962</b>	<b>1,404,341</b>	<b>1,446,478</b>	<b>1,478,509</b>	<b>1,550,110</b>	<b>1,606,195</b>	<b>1,663,148</b>	<b>1,712,354</b>	<b>1,756,449</b>	<b>1,801,274</b>	<b>1,851,140</b>	<b>1,897,607</b>	<b>1,947,782</b>	<b>1,971,196</b>

**TABLE 14-1 GROWTH RATE OF ANNUAL DEPRECIATION OF THAILAND : CHAIN VOLUME MEASURES (reference year = 2002)**

(Unit - Percentage)

Sector	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017r	2018r	2019r	2020p
<b>Agriculture</b>	<b>2.4</b>	<b>2.6</b>	<b>3.2</b>	<b>5.9</b>	<b>2.9</b>	<b>8.0</b>	<b>3.4</b>	<b>3.1</b>	<b>1.8</b>	<b>2.6</b>	<b>3.8</b>	<b>3.0</b>	<b>3.2</b>	<b>3.2</b>
Agriculture, forestry and fishing	2.4	2.6	3.2	5.9	2.9	8.0	3.4	3.1	1.8	2.6	3.8	3.0	3.2	3.2
<b>None Agriculture</b>	<b>4.1</b>	<b>4.1</b>	<b>3.0</b>	<b>1.9</b>	<b>5.0</b>	<b>3.2</b>	<b>3.6</b>	<b>2.9</b>	<b>2.6</b>	<b>2.6</b>	<b>2.7</b>	<b>2.5</b>	<b>2.5</b>	<b>2.5</b>
<b>Industrial</b>	<b>6.7</b>	<b>2.2</b>	<b>5.5</b>	<b>1.3</b>	<b>7.4</b>	<b>1.9</b>	<b>0.5</b>	<b>3.3</b>	<b>4.4</b>	<b>1.2</b>	<b>2.9</b>	<b>2.9</b>	<b>2.9</b>	<b>2.9</b>
Mining and quarrying	4.4	1.4	8.1	7.6	12.7	1.3	5.3	6.8	3.8	0.8	-5.5	3.4	6.2	6.2
Manufacturing	7.0	1.0	5.3	1.3	0.4	0.7	1.8	3.5	4.3	2.2	2.4	2.4	2.7	2.7
Electricity, gas, steam and air conditioning supply	7.2	4.5	5.9	0.1	17.1	4.1	-2.2	2.9	4.6	0.3	4.9	3.6	2.7	2.7
Water supply; sewerage, waste management and remediation activities	2.9	2.7	3.4	3.8	3.2	0.9	1.7	0.4	5.9	-3.7	0.3	2.6	3.5	3.5
<b>Service</b>	<b>2.6</b>	<b>5.2</b>	<b>1.5</b>	<b>2.3</b>	<b>3.8</b>	<b>4.0</b>	<b>5.1</b>	<b>2.7</b>	<b>1.7</b>	<b>3.2</b>	<b>2.4</b>	<b>2.3</b>	<b>2.3</b>	<b>2.3</b>
Construction	2.6	5.4	-2.6	2.8	2.0	4.2	5.4	4.3	5.2	7.7	3.4	2.7	4.2	4.2
Wholesale and retail trade; repair of motor vehicles and motorcycles	3.9	8.3	-1.8	6.8	9.8	11.4	5.9	-4.1	5.1	0.4	5.0	2.8	4.1	4.1
Transportation and storage	4.3	1.9	7.2	0.1	0.4	2.3	7.0	3.9	4.8	3.7	0.2	1.2	0.9	0.9
Accommodation and food service activities	-2.0	3.9	3.2	1.2	6.4	1.5	5.6	4.7	4.6	-1.5	2.3	2.5	3.7	3.7
Information and communication	4.3	4.9	0.9	-4.5	9.4	8.0	7.1	0.2	5.4	5.2	8.5	2.8	2.7	2.7
Financial and insurance activities	4.7	4.9	6.9	6.4	5.2	1.2	3.2	1.8	1.1	1.9	2.9	1.1	6.1	6.1
Real estate activities	0.7	10.7	-7.4	3.3	2.8	2.2	1.7	4.5	-10.1	1.7	-2.8	3.5	1.4	1.4
Professional, scientific and technical activities	7.6	2.5	0.3	5.1	0.5	5.1	11.8	9.1	-2.7	-4.5	1.5	4.0	5.5	5.5
Administrative and support service activities	3.5	6.2	4.5	2.8	3.4	6.3	3.7	4.1	3.1	9.2	5.2	6.2	7.6	7.6
Public administration and defence; compulsory social security	-2.8	7.7	6.6	6.4	0.6	4.3	-3.7	6.3	-5.9	-4.0	1.7	5.7	1.0	1.0
Education	0.2	5.3	-2.7	3.5	4.4	1.6	5.9	4.0	2.4	7.5	6.2	1.3	1.8	1.8
Human health and social work activities	4.5	1.1	5.4	1.1	0.9	2.6	6.1	0.6	5.2	12.1	0.1	2.8	2.6	2.6
Arts, entertainment and recreation	3.2	3.4	5.5	6.6	10.8	6.2	8.2	7.8	7.0	5.3	3.2	4.8	4.9	4.9
Other service activities	2.5	5.5	-1.4	2.0	8.9	9.6	6.2	8.7	4.5	1.7	0.9	0.6	2.7	2.7
Activities of households as employers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>4.0</b>	<b>4.0</b>	<b>3.0</b>	<b>2.2</b>	<b>4.8</b>	<b>3.6</b>	<b>3.5</b>	<b>3.0</b>	<b>2.6</b>	<b>2.6</b>	<b>2.8</b>	<b>2.5</b>	<b>2.6</b>	<b>3.6</b>

**TABLE 15 ANNUAL DEPRECIATION OF PRIVATE SECTOR AT CURRENT REPLACEMENT COST**

(Unit - Millions of Baht)

Sector	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017r	2018r	2019r	2020p
<b>Agriculture</b>	<b>90,030</b>	<b>92,492</b>	<b>104,413</b>	<b>122,416</b>	<b>134,112</b>	<b>137,679</b>	<b>156,256</b>	<b>158,259</b>	<b>172,069</b>	<b>177,465</b>	<b>169,500</b>	<b>170,208</b>	<b>187,332</b>	<b>188,729</b>
Agriculture, forestry and fishing	90,030	92,492	104,413	122,416	134,112	137,679	156,256	158,259	172,069	177,465	169,500	170,208	187,332	188,729
<b>None Agriculture</b>	<b>1,276,862</b>	<b>1,350,814</b>	<b>1,500,220</b>	<b>1,425,826</b>	<b>1,783,084</b>	<b>1,613,727</b>	<b>1,880,558</b>	<b>1,800,096</b>	<b>2,047,054</b>	<b>2,151,767</b>	<b>2,254,345</b>	<b>2,271,209</b>	<b>2,281,295</b>	<b>2,284,367</b>
<b>Industrial</b>	<b>456,458</b>	<b>477,493</b>	<b>528,575</b>	<b>462,589</b>	<b>638,782</b>	<b>531,907</b>	<b>644,145</b>	<b>595,740</b>	<b>689,014</b>	<b>738,777</b>	<b>777,414</b>	<b>789,790</b>	<b>780,688</b>	<b>777,608</b>
Mining and quarrying	24,977	24,609	28,392	26,215	40,215	33,834	36,544	37,390	41,016	39,923	39,618	39,437	41,259	41,931
Manufacturing	327,899	336,688	372,441	310,292	437,965	391,548	478,355	442,682	510,317	498,052	521,919	526,714	530,058	531,689
Electricity, gas, steam and air conditioning supply	87,000	97,671	108,537	107,371	138,225	88,709	109,542	97,706	116,935	176,624	190,393	198,337	183,926	178,454
Water supply; sewerage, waste management and remediation activities	16,583	18,525	19,206	18,711	22,377	17,816	19,705	17,961	20,746	24,178	25,484	25,302	25,445	25,535
<b>Service</b>	<b>820,404</b>	<b>873,321</b>	<b>971,645</b>	<b>963,238</b>	<b>1,144,302</b>	<b>1,081,820</b>	<b>1,236,412</b>	<b>1,204,357</b>	<b>1,358,040</b>	<b>1,412,990</b>	<b>1,476,931</b>	<b>1,481,419</b>	<b>1,500,607</b>	<b>1,506,759</b>
Construction	34,890	36,637	39,866	38,266	47,429	43,846	47,323	47,112	57,507	60,562	69,736	69,806	70,798	71,831
Wholesale and retail trade; repair of motor vehicles and motorcycles	143,581	158,282	161,462	170,249	185,099	209,383	227,544	235,291	253,319	244,968	268,211	270,531	272,159	269,677
Transportation and storage	208,653	224,036	246,122	244,653	319,612	252,425	306,622	295,250	341,825	407,384	400,640	391,189	398,972	400,505
Accommodation and food service activities	74,451	82,673	87,544	86,473	93,330	82,775	89,515	87,812	104,480	101,377	106,737	107,518	109,116	109,812
Information and communication	33,477	35,317	35,750	36,160	43,479	42,842	51,466	50,546	67,738	80,808	84,558	83,311	83,920	84,447
Financial and insurance activities	26,522	28,903	30,533	30,451	33,520	35,150	40,429	39,791	43,144	46,173	48,269	49,065	49,525	49,997
Real estate activities	162,556	165,483	214,100	197,570	246,392	245,974	295,566	267,900	267,868	270,395	281,665	290,481	293,015	295,367
Professional, scientific and technical activities	1,377	1,232	1,323	1,116	1,366	1,081	1,243	1,407	1,586	1,679	1,757	1,786	1,885	1,934
Administrative and support service activities	1,534	1,557	1,667	1,664	1,799	1,458	1,723	1,588	1,998	2,669	2,805	3,015	2,947	2,845
Public administration and defence; compulsory social security	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Education	39,825	44,120	46,704	52,021	55,518	48,476	50,505	52,355	59,549	58,166	62,847	64,592	65,166	66,032
Human health and social work activities	65,419	64,460	74,733	72,314	77,890	79,100	82,661	83,378	105,572	93,798	100,593	99,873	101,978	102,938
Arts, entertainment and recreation	1,011	1,156	1,318	1,358	1,492	997	1,151	1,091	1,365	1,442	1,793	1,829	1,818	1,804
Other service activities	27,107	29,464	30,523	30,942	37,377	38,314	40,664	40,836	52,089	43,568	47,321	48,423	49,308	49,570
Activities of households as employers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>1,366,892</b>	<b>1,443,306</b>	<b>1,604,634</b>	<b>1,548,242</b>	<b>1,917,196</b>	<b>1,751,407</b>	<b>2,036,813</b>	<b>1,958,355</b>	<b>2,219,123</b>	<b>2,329,232</b>	<b>2,423,846</b>	<b>2,441,417</b>	<b>2,468,627</b>	<b>2,473,096</b>

**TABLE 15-1 GROWTH RATE OF ANNUAL DEPRECIATION OF PRIVATE SECTOR AT CURRENT REPLACEMENT COST**

(Unit - Percentage)

Sector	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017r	2018r	2019r	2020p
<b>Agriculture</b>	<b>7.4</b>	<b>2.7</b>	<b>12.9</b>	<b>17.2</b>	<b>9.6</b>	<b>2.7</b>	<b>13.5</b>	<b>1.3</b>	<b>8.7</b>	<b>3.1</b>	<b>-4.5</b>	<b>0.4</b>	<b>10.1</b>	<b>0.7</b>
Agriculture, forestry and fishing	7.4	2.7	12.9	17.2	9.6	2.7	13.5	1.3	8.7	3.1	-4.5	0.4	10.1	0.7
<b>None Agriculture</b>	<b>8.9</b>	<b>5.8</b>	<b>11.1</b>	<b>-5.0</b>	<b>25.1</b>	<b>-9.5</b>	<b>16.5</b>	<b>-4.3</b>	<b>13.7</b>	<b>5.1</b>	<b>4.8</b>	<b>0.7</b>	<b>0.4</b>	<b>0.1</b>
<b>Industrial</b>	<b>8.5</b>	<b>4.6</b>	<b>10.7</b>	<b>-12.5</b>	<b>38.1</b>	<b>-16.7</b>	<b>21.1</b>	<b>-7.5</b>	<b>15.7</b>	<b>7.2</b>	<b>5.2</b>	<b>1.6</b>	<b>-1.2</b>	<b>-0.4</b>
Mining and quarrying	-0.1	-1.5	15.4	-7.7	53.4	-15.9	8.0	2.3	9.7	-2.7	-0.8	-0.5	4.6	1.6
Manufacturing	7.0	2.7	10.6	-16.7	41.1	-10.6	22.2	-7.5	15.3	-2.4	4.8	0.9	0.6	0.3
Electricity, gas, steam and air conditioning supply	18.3	12.3	11.1	-1.1	28.7	-35.8	23.5	-10.8	19.7	51.0	7.8	4.2	-7.3	-3.0
Water supply; sewerage, waste management and remediation activities	5.8	11.7	3.7	-2.6	19.6	-20.4	10.6	-8.8	15.5	16.5	5.4	-0.7	0.6	0.4
<b>Service</b>	<b>9.1</b>	<b>6.5</b>	<b>11.3</b>	<b>-0.9</b>	<b>18.8</b>	<b>-5.5</b>	<b>14.3</b>	<b>-2.6</b>	<b>12.8</b>	<b>4.0</b>	<b>4.5</b>	<b>0.3</b>	<b>1.3</b>	<b>0.4</b>
Construction	1.7	5.0	8.8	-4.0	23.9	-7.6	7.9	-0.4	22.1	5.3	15.1	0.1	1.4	1.5
Wholesale and retail trade; repair of motor vehicles and motorcycles	7.6	10.2	2.0	5.4	8.7	13.1	8.7	3.4	7.7	-3.3	9.5	0.9	0.6	-0.9
Transportation and storage	4.6	7.4	9.9	-0.6	30.6	-21.0	21.5	-3.7	15.8	19.2	-1.7	-2.4	2.0	0.4
Accommodation and food service activities	0.6	11.0	5.9	-1.2	7.9	-11.3	8.1	-1.9	19.0	-3.0	5.3	0.7	1.5	0.6
Information and communication	39.2	5.5	1.2	1.1	20.2	-1.5	20.1	-1.8	34.0	19.3	4.6	-1.5	0.7	0.6
Financial and insurance activities	6.7	9.0	5.6	-0.3	10.1	4.9	15.0	-1.6	8.4	7.0	4.5	1.6	0.9	1.0
Real estate activities	17.6	1.8	29.4	-7.7	24.7	-0.2	20.2	-9.4	0.0	0.9	4.2	3.1	0.9	0.8
Professional, scientific and technical activities	8.9	-10.6	7.4	-15.6	22.4	-20.9	15.0	13.2	12.7	5.9	4.6	1.7	5.5	2.6
Administrative and support service activities	9.3	1.5	7.0	-0.1	8.1	-19.0	18.2	-7.8	25.9	33.6	5.1	7.5	-2.3	-3.5
Public administration and defence; compulsory social security	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Education	3.7	10.8	5.9	11.4	6.7	-12.7	4.2	3.7	13.7	-2.3	8.0	2.8	0.9	1.3
Human health and social work activities	14.1	-1.5	15.9	-3.2	7.7	1.6	4.5	0.9	26.6	-11.2	7.2	-0.7	2.1	0.9
Arts, entertainment and recreation	10.3	14.4	14.0	3.0	9.8	-33.2	15.4	-5.2	25.1	5.6	24.4	2.0	-0.6	-0.8
Other service activities	12.2	8.7	3.6	1.4	20.8	2.5	6.1	0.4	27.6	-16.4	8.6	2.3	1.8	0.5
Activities of households as employers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>8.8</b>	<b>5.6</b>	<b>11.2</b>	<b>-3.5</b>	<b>23.8</b>	<b>-8.6</b>	<b>16.3</b>	<b>-3.9</b>	<b>13.3</b>	<b>5.0</b>	<b>4.1</b>	<b>0.7</b>	<b>1.1</b>	<b>0.2</b>

**TABLE 16 ANNUAL DEPRECIATION OF PRIVATE SECTOR : CHAIN VOLUME MEASURES (reference year = 2002)**

(Unit - Millions of Baht)

Sector	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017r	2018r	2019r	2020p
<b>Agriculture</b>	<b>65,088</b>	<b>65,620</b>	<b>68,175</b>	<b>69,846</b>	<b>71,301</b>	<b>75,270</b>	<b>76,002</b>	<b>78,488</b>	<b>81,168</b>	<b>83,856</b>	<b>87,376</b>	<b>90,380</b>	<b>93,661</b>	<b>93,844</b>
Agriculture, forestry and fishing	65,088	65,620	68,175	69,846	71,301	75,270	76,002	78,488	81,168	83,856	87,376	90,380	93,661	93,844
<b>None Agriculture</b>	<b>1,028,817</b>	<b>1,071,261</b>	<b>1,100,355</b>	<b>1,123,218</b>	<b>1,184,551</b>	<b>1,214,294</b>	<b>1,269,061</b>	<b>1,308,287</b>	<b>1,333,378</b>	<b>1,367,808</b>	<b>1,394,195</b>	<b>1,429,600</b>	<b>1,460,162</b>	<b>1,470,086</b>
<b>Industrial</b>	<b>401,456</b>	<b>408,339</b>	<b>430,139</b>	<b>437,485</b>	<b>472,247</b>	<b>474,592</b>	<b>483,233</b>	<b>500,142</b>	<b>520,983</b>	<b>530,553</b>	<b>544,841</b>	<b>564,190</b>	<b>574,437</b>	<b>586,346</b>
Mining and quarrying	22,343	22,420	24,284	26,138	29,451	29,748	31,213	33,540	34,666	34,988	33,126	34,240	35,933	36,537
Manufacturing	298,694	300,925	316,827	320,694	324,901	327,666	334,246	345,944	361,777	369,921	378,780	391,251	401,091	405,471
Electricity, gas, steam and air conditioning supply	65,590	69,374	72,983	73,331	91,512	90,898	90,878	93,039	95,867	97,110	104,138	108,740	107,948	113,347
Water supply; sewerage, waste management and remediation activities	15,105	15,353	15,829	17,308	19,846	19,816	20,010	20,486	20,874	20,146	20,541	21,088	21,581	22,010
<b>Service</b>	<b>629,329</b>	<b>663,734</b>	<b>672,242</b>	<b>687,563</b>	<b>716,900</b>	<b>742,962</b>	<b>786,296</b>	<b>808,929</b>	<b>815,442</b>	<b>839,582</b>	<b>850,547</b>	<b>867,616</b>	<b>887,652</b>	<b>887,250</b>
Construction	34,756	35,957	36,091	36,552	39,437	41,056	42,877	45,242	46,157	46,476	49,271	50,613	52,572	54,180
Wholesale and retail trade; repair of motor vehicles and motorcycles	124,020	134,284	131,856	140,815	154,648	172,404	182,526	175,160	184,065	184,869	194,178	199,523	207,528	206,337
Transportation and storage	173,186	175,232	190,890	188,838	186,503	183,872	200,810	212,457	215,741	222,048	217,421	219,417	219,024	213,992
Accommodation and food service activities	65,138	67,122	70,276	70,038	74,691	75,274	80,040	84,857	87,721	87,032	89,078	91,450	94,706	95,327
Information and communication	24,578	26,730	26,634	26,340	26,132	31,325	32,771	32,260	34,776	37,773	40,946	41,925	42,435	41,998
Financial and insurance activities	22,352	23,357	24,955	26,401	27,877	28,200	29,178	29,767	30,497	31,308	32,215	32,526	34,242	34,631
Real estate activities	82,391	91,973	84,152	88,074	91,009	93,392	96,325	100,478	91,993	94,298	87,534	89,670	91,911	92,423
Professional, scientific and technical activities	852	915	890	921	944	984	1,102	1,204	1,169	1,118	1,142	1,189	1,209	1,301
Administrative and support service activities	1,190	1,225	1,325	1,312	1,408	1,523	1,591	1,737	1,802	2,012	2,135	2,260	2,297	2,273
Public administration and defence; compulsory social security	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Education	34,412	36,202	35,287	36,426	37,902	38,782	41,055	42,710	43,759	47,079	50,100	50,740	51,581	52,438
Human health and social work activities	47,531	47,841	50,483	50,622	53,974	54,929	57,854	58,842	61,603	68,994	70,280	72,444	75,208	78,008
Arts, entertainment and recreation	1,061	1,187	1,289	1,311	1,408	1,896	2,011	2,186	2,115	1,689	1,815	1,910	1,998	2,035
Other service activities	19,666	20,562	20,286	20,610	22,934	24,964	26,356	27,918	29,135	28,432	29,482	29,636	30,628	31,131
Activities of households as employers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>1,094,137</b>	<b>1,136,892</b>	<b>1,168,627</b>	<b>1,193,193</b>	<b>1,255,159</b>	<b>1,289,358</b>	<b>1,343,925</b>	<b>1,385,652</b>	<b>1,413,901</b>	<b>1,451,214</b>	<b>1,481,735</b>	<b>1,520,294</b>	<b>1,554,378</b>	<b>1,564,371</b>

**TABLE 16-1 GROWTH RATE OF ANNUAL DEPRECIATION OF PRIVATE SECTOR : CHAIN VOLUME MEASURES (reference year = 2002)**

(Unit - Percentage)

Sector	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017r	2018r	2019r	2020p
<b>Agriculture</b>	<b>3.0</b>	<b>0.8</b>	<b>3.9</b>	<b>2.5</b>	<b>2.1</b>	<b>5.6</b>	<b>1.0</b>	<b>3.3</b>	<b>3.4</b>	<b>3.3</b>	<b>4.2</b>	<b>3.4</b>	<b>3.6</b>	<b>0.2</b>
Agriculture, forestry and fishing	3.0	0.8	3.9	2.5	2.1	5.6	1.0	3.3	3.4	3.3	4.2	3.4	3.6	0.2
<b>None Agriculture</b>	<b>4.5</b>	<b>4.1</b>	<b>2.7</b>	<b>2.1</b>	<b>5.5</b>	<b>2.5</b>	<b>4.5</b>	<b>3.1</b>	<b>1.9</b>	<b>2.6</b>	<b>1.9</b>	<b>2.5</b>	<b>2.1</b>	<b>0.7</b>
<b>Industrial</b>	<b>7.5</b>	<b>1.7</b>	<b>5.3</b>	<b>1.7</b>	<b>7.9</b>	<b>0.5</b>	<b>1.8</b>	<b>3.5</b>	<b>4.2</b>	<b>1.8</b>	<b>2.7</b>	<b>3.6</b>	<b>1.8</b>	<b>2.1</b>
Mining and quarrying	4.4	0.3	8.3	7.6	12.7	1.0	4.9	7.5	3.4	0.9	-5.3	3.4	4.9	1.7
Manufacturing	7.0	0.7	5.3	1.2	1.3	0.9	2.0	3.5	4.6	2.3	2.4	3.3	2.5	1.1
Electricity, gas, steam and air conditioning supply	10.9	5.8	5.2	0.5	24.8	-0.7	0.0	2.4	3.0	1.3	7.2	4.4	-0.7	5.0
Water supply; sewerage, waste management and remediation activities	6.3	1.6	3.1	9.3	14.7	-0.2	1.0	2.4	1.9	-3.5	2.0	2.7	2.3	2.0
<b>Service</b>	<b>2.9</b>	<b>5.5</b>	<b>1.3</b>	<b>2.3</b>	<b>4.3</b>	<b>3.6</b>	<b>5.8</b>	<b>2.9</b>	<b>0.8</b>	<b>3.0</b>	<b>1.3</b>	<b>2.0</b>	<b>2.3</b>	<b>0.0</b>
Construction	2.7	3.5	0.4	1.3	7.9	4.1	4.4	5.5	2.0	0.7	6.0	2.7	3.9	3.1
Wholesale and retail trade; repair of motor vehicles and motorcycles	3.9	8.3	-1.8	6.8	9.8	11.5	5.9	-4.0	5.1	0.4	5.0	2.8	4.0	-0.6
Transportation and storage	3.4	1.2	8.9	-1.1	-1.2	-1.4	9.2	5.8	1.5	2.9	-2.1	0.9	-0.2	-2.3
Accommodation and food service activities	-1.2	3.0	4.7	-0.3	6.6	0.8	6.3	6.0	3.4	-0.8	2.4	2.7	3.6	0.7
Information and communication	20.0	8.8	-0.4	-1.1	-0.8	19.9	4.6	-1.6	7.8	8.6	8.4	2.4	1.2	-1.0
Financial and insurance activities	4.5	4.5	6.8	5.8	5.6	1.2	3.5	2.0	2.5	2.7	2.9	1.0	5.3	1.1
Real estate activities	0.0	11.6	-8.5	4.7	3.3	2.6	3.1	4.3	-8.4	2.5	-7.2	2.4	2.5	0.6
Professional, scientific and technical activities	8.0	7.4	-2.7	3.5	2.5	4.2	12.0	9.4	-2.9	-4.4	2.1	4.1	1.7	7.6
Administrative and support service activities	3.3	3.0	8.1	-1.0	7.3	8.2	4.5	9.2	3.7	11.8	6.1	5.9	1.6	-1.0
Public administration and defence; compulsory social security	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Education	0.3	5.2	-2.5	3.2	4.1	2.3	5.9	4.0	2.5	7.6	6.4	1.3	1.7	1.7
Human health and social work activities	4.3	0.7	5.5	0.3	6.6	1.8	5.3	1.7	4.7	12.0	1.9	3.1	3.8	3.7
Arts, entertainment and recreation	4.2	11.9	8.6	1.7	7.4	34.7	6.1	8.7	-3.2	-20.1	7.5	5.2	4.6	1.9
Other service activities	3.3	4.6	-1.3	1.6	11.3	8.9	5.6	5.9	4.4	-2.4	3.7	0.5	3.3	1.6
Activities of households as employers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>4.4</b>	<b>3.9</b>	<b>2.8</b>	<b>2.1</b>	<b>5.2</b>	<b>2.7</b>	<b>4.2</b>	<b>3.1</b>	<b>2.0</b>	<b>2.6</b>	<b>2.1</b>	<b>2.6</b>	<b>2.2</b>	<b>0.6</b>

**TABLE 17 ANNUAL DEPRECIATION OF PUBLIC SECTOR AT CURRENT REPLACEMENT COST**

(Unit - Millions of Baht)

Sector	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017r	2018r	2019r	2020p
<b>Agriculture</b>	<b>34,476</b>	<b>39,620</b>	<b>43,607</b>	<b>50,439</b>	<b>50,615</b>	<b>53,277</b>	<b>67,030</b>	<b>69,092</b>	<b>75,192</b>	<b>72,732</b>	<b>73,372</b>	<b>73,329</b>	<b>56,780</b>	<b>56,246</b>
Agriculture, forestry and fishing	34,476	39,620	43,607	50,439	50,615	53,277	67,030	69,092	75,192	72,732	73,372	73,329	56,780	56,246
<b>None Agriculture</b>	<b>285,705</b>	<b>326,829</b>	<b>354,736</b>	<b>365,580</b>	<b>376,436</b>	<b>546,994</b>	<b>544,865</b>	<b>585,785</b>	<b>594,249</b>	<b>428,317</b>	<b>446,542</b>	<b>471,023</b>	<b>477,375</b>	<b>487,369</b>
<b>Industrial</b>	<b>112,929</b>	<b>131,489</b>	<b>146,228</b>	<b>146,921</b>	<b>148,650</b>	<b>210,753</b>	<b>209,269</b>	<b>222,986</b>	<b>220,883</b>	<b>157,856</b>	<b>161,199</b>	<b>161,045</b>	<b>171,996</b>	<b>179,042</b>
Mining and quarrying	2,016	2,357	2,654	2,463	3,388	4,263	4,246	4,683	4,623	3,097	2,964	2,964	2,892	2,958
Manufacturing	8,166	9,699	10,729	11,454	10,724	15,763	15,100	17,247	18,290	12,247	12,725	12,510	13,201	13,622
Electricity, gas, steam and air conditioning supply	94,023	108,822	121,805	121,858	123,862	175,384	175,724	185,829	182,898	132,159	135,288	135,451	145,690	152,163
Water supply; sewerage, waste management and remediation activities	8,723	10,612	11,039	11,146	10,676	15,343	14,199	15,227	15,072	10,352	10,223	10,120	10,212	10,299
<b>Service</b>	<b>172,776</b>	<b>195,340</b>	<b>208,508</b>	<b>218,658</b>	<b>227,785</b>	<b>336,242</b>	<b>335,596</b>	<b>362,799</b>	<b>373,365</b>	<b>270,461</b>	<b>285,343</b>	<b>309,977</b>	<b>305,379</b>	<b>308,327</b>
Construction	11,842	14,036	14,014	15,358	14,928	22,237	21,014	23,968	26,261	16,705	16,199	16,247	15,901	16,685
Wholesale and retail trade; repair of motor vehicles and motorcycles	664	795	779	838	799	1,327	1,304	1,468	1,452	984	1,077	1,196	1,120	1,137
Transportation and storage	83,210	96,290	99,992	106,557	116,183	176,286	171,205	189,243	191,693	143,955	158,601	176,904	171,559	171,825
Accommodation and food service activities	14,627	17,768	17,211	19,008	19,428	27,518	25,174	27,170	28,683	17,778	18,836	18,736	19,135	19,409
Information and communication	11,568	11,013	11,720	11,375	16,534	16,185	18,195	22,624	23,541	16,270	17,062	18,499	18,659	18,713
Financial and insurance activities	2,665	3,130	3,317	3,531	2,816	5,299	5,393	5,679	5,673	3,923	4,112	4,628	4,412	4,597
Real estate activities	7,838	6,805	11,435	9,266	13,351	14,592	19,100	11,716	14,634	8,104	9,131	8,183	10,530	10,687
Professional, scientific and technical activities	310	216	280	259	275	330	346	422	436	302	302	303	355	378
Administrative and support service activities	996	1,158	1,138	1,282	1,249	1,835	1,721	1,810	1,757	1,293	1,315	1,464	1,548	1,579
Public administration and defence; compulsory social security	21,426	24,975	27,240	29,267	22,270	39,979	42,909	45,209	42,173	33,963	33,842	39,392	39,434	40,013
Education	833	943	967	1,210	1,213	909	880	955	1,111	987	922	948	956	1,003
Human health and social work activities	12,861	13,541	15,601	15,488	14,005	22,728	21,433	23,764	26,146	19,130	18,311	17,597	16,285	16,730
Arts, entertainment and recreation	508	472	485	606	618	414	438	477	657	539	561	559	549	548
Other service activities	3,429	4,198	4,329	4,611	4,116	6,603	6,483	8,293	9,149	6,528	5,072	5,321	4,936	5,022
Activities of households as employers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>320,181</b>	<b>366,450</b>	<b>398,342</b>	<b>416,019</b>	<b>427,051</b>	<b>600,271</b>	<b>611,895</b>	<b>654,877</b>	<b>669,441</b>	<b>501,049</b>	<b>519,913</b>	<b>544,352</b>	<b>534,155</b>	<b>543,615</b>

**TABLE 17-1 GROWTH RATE OF ANNUAL DEPRECIATION OF PUBLIC SECTOR AT CURRENT REPLACEMENT COST**

(Unit - Percentage)

Sector	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017r	2018r	2019r	2020p
<b>Agriculture</b>	<b>7.3</b>	<b>14.9</b>	<b>10.1</b>	<b>15.7</b>	<b>0.3</b>	<b>5.3</b>	<b>25.8</b>	<b>3.1</b>	<b>8.8</b>	<b>-3.3</b>	<b>0.9</b>	<b>-0.1</b>	<b>-22.6</b>	<b>-0.9</b>
Agriculture, forestry and fishing	7.3	14.9	10.1	15.7	0.3	5.3	25.8	3.1	8.8	-3.3	0.9	-0.1	-22.6	-0.9
<b>None Agriculture</b>	<b>4.1</b>	<b>14.4</b>	<b>8.5</b>	<b>3.1</b>	<b>3.0</b>	<b>45.3</b>	<b>-0.4</b>	<b>7.5</b>	<b>1.4</b>	<b>-27.9</b>	<b>4.3</b>	<b>5.5</b>	<b>1.3</b>	<b>2.1</b>
<b>Industrial</b>	<b>4.5</b>	<b>16.4</b>	<b>11.2</b>	<b>0.5</b>	<b>1.2</b>	<b>41.8</b>	<b>-0.7</b>	<b>6.6</b>	<b>-0.9</b>	<b>-28.5</b>	<b>2.1</b>	<b>-0.1</b>	<b>6.8</b>	<b>4.1</b>
Mining and quarrying	-1.5	16.9	12.6	-7.2	37.5	25.8	-0.4	10.3	-1.3	-33.0	-4.3	0.0	-2.4	2.3
Manufacturing	2.2	18.8	10.6	6.8	-6.4	47.0	-4.2	14.2	6.0	-33.0	3.9	-1.7	5.5	3.2
Electricity, gas, steam and air conditioning supply	6.0	15.7	11.9	0.0	1.6	41.6	0.2	5.8	-1.6	-27.7	2.4	0.1	7.6	4.4
Water supply; sewerage, waste management and remediation activities	-6.5	21.7	4.0	1.0	-4.2	43.7	-7.5	7.2	-1.0	-31.3	-1.2	-1.0	0.9	0.8
<b>Service</b>	<b>3.8</b>	<b>13.1</b>	<b>6.7</b>	<b>4.9</b>	<b>4.2</b>	<b>47.6</b>	<b>-0.2</b>	<b>8.1</b>	<b>2.9</b>	<b>-27.6</b>	<b>5.5</b>	<b>8.6</b>	<b>-1.5</b>	<b>1.0</b>
Construction	4.3	18.5	-0.2	9.6	-2.8	49.0	-5.5	14.1	9.6	-36.4	-3.0	0.3	-2.1	4.9
Wholesale and retail trade; repair of motor vehicles and motorcycles	5.3	19.9	-2.1	7.6	-4.6	66.1	-1.7	12.5	-1.1	-32.3	9.5	11.0	-6.3	1.5
Transportation and storage	4.5	15.7	3.8	6.6	9.0	51.7	-2.9	10.5	1.3	-24.9	10.2	11.5	-3.0	0.2
Accommodation and food service activities	-2.1	21.5	-3.1	10.4	2.2	41.6	-8.5	7.9	5.6	-38.0	6.0	-0.5	2.1	1.4
Information and communication	-14.1	-4.8	6.4	-2.9	45.3	-2.1	12.4	24.3	4.1	-30.9	4.9	8.4	0.9	0.3
Financial and insurance activities	6.8	17.4	6.0	6.4	-20.2	88.2	1.8	5.3	-0.1	-30.9	4.8	12.6	-4.7	4.2
Real estate activities	36.1	-13.2	68.0	-19.0	44.1	9.3	30.9	-38.7	24.9	-44.6	12.7	-10.4	28.7	1.5
Professional, scientific and technical activities	3.9	-30.3	29.4	-7.4	6.1	20.2	4.7	22.0	3.2	-30.7	0.1	0.3	17.1	6.6
Administrative and support service activities	5.9	16.2	-1.7	12.7	-2.6	46.9	-6.2	5.2	-2.9	-26.4	1.7	11.3	5.7	2.0
Public administration and defence; compulsory social security	2.3	16.6	9.1	7.4	-23.9	79.5	7.3	5.4	-6.7	-19.5	-0.4	16.4	0.1	1.5
Education	2.0	13.2	2.5	25.2	0.2	-25.1	-3.2	8.6	16.3	-11.1	-6.6	2.8	0.9	4.9
Human health and social work activities	12.7	5.3	15.2	-0.7	-9.6	62.3	-5.7	10.9	10.0	-26.8	-4.3	-3.9	-7.5	2.7
Arts, entertainment and recreation	3.5	-7.0	2.7	25.0	1.9	-33.0	5.9	8.8	37.8	-17.9	4.0	-0.4	-1.8	-0.2
Other service activities	2.3	22.4	3.1	6.5	-10.7	60.4	-1.8	27.9	10.3	-28.7	-22.3	4.9	-7.2	1.7
Activities of households as employers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>4.4</b>	<b>14.5</b>	<b>8.7</b>	<b>4.4</b>	<b>2.7</b>	<b>40.6</b>	<b>1.9</b>	<b>7.0</b>	<b>2.2</b>	<b>-25.2</b>	<b>3.8</b>	<b>4.7</b>	<b>-1.9</b>	<b>1.8</b>

**TABLE 18 ANNUAL DEPRECIATION OF PUBLIC SECTOR : CHAIN VOLUME MEASURES (reference year = 2002)**

(Unit - Millions of Baht)

Sector	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017r	2018r	2019r	2020p
<b>Agriculture</b>	<b>25,372</b>	<b>27,231</b>	<b>27,662</b>	<b>31,583</b>	<b>33,121</b>	<b>37,859</b>	<b>41,536</b>	<b>42,691</b>	<b>41,949</b>	<b>42,304</b>	<b>43,559</b>	<b>44,376</b>	<b>45,399</b>	<b>49,599</b>
Agriculture, forestry and fishing	25,372	27,231	27,662	31,583	33,121	37,859	41,536	42,691	41,949	42,304	43,559	44,376	45,399	49,599
<b>None Agriculture</b>	<b>230,324</b>	<b>240,014</b>	<b>249,845</b>	<b>252,974</b>	<b>261,459</b>	<b>279,059</b>	<b>281,146</b>	<b>287,990</b>	<b>302,035</b>	<b>309,413</b>	<b>324,382</b>	<b>331,239</b>	<b>347,077</b>	<b>357,722</b>
<b>Industrial</b>	<b>91,046</b>	<b>94,958</b>	<b>100,819</b>	<b>100,520</b>	<b>106,215</b>	<b>114,520</b>	<b>111,381</b>	<b>114,587</b>	<b>120,421</b>	<b>119,695</b>	<b>121,181</b>	<b>123,830</b>	<b>133,152</b>	<b>131,864</b>
Mining and quarrying	1,898	2,174	2,305	2,468	2,802	2,946	3,187	3,232	3,479	3,477	3,206	3,324	3,339	3,484
Manufacturing	7,624	8,591	9,045	9,357	7,072	6,766	6,458	6,684	6,430	6,398	6,552	6,651	7,150	7,228
Electricity, gas, steam and air conditioning supply	73,271	75,688	80,590	80,359	88,644	96,932	93,724	96,809	102,037	101,679	103,328	105,605	114,021	112,265
Water supply; sewerage, waste management and remediation activities	8,147	8,540	8,873	8,355	7,025	7,244	7,431	7,249	8,018	7,697	7,406	7,581	7,865	8,104
<b>Service</b>	<b>139,243</b>	<b>145,020</b>	<b>148,933</b>	<b>152,417</b>	<b>155,162</b>	<b>164,505</b>	<b>169,333</b>	<b>172,986</b>	<b>181,194</b>	<b>188,887</b>	<b>202,389</b>	<b>206,585</b>	<b>213,515</b>	<b>224,916</b>
Construction	8,120	9,039	8,093	8,658	7,553	7,889	8,463	8,586	9,559	11,774	10,827	11,085	11,439	12,137
Wholesale and retail trade; repair of motor vehicles and motorcycles	599	677	651	710	780	687	727	661	728	718	754	775	824	900
Transportation and storage	70,576	73,245	75,680	78,039	81,375	91,641	95,182	95,670	105,022	110,365	116,814	118,992	123,432	131,797
Accommodation and food service activities	12,350	13,352	12,825	13,954	14,710	15,421	15,963	15,967	17,349	16,675	16,987	17,248	17,834	17,810
Information and communication	8,684	8,141	8,556	7,275	10,304	7,898	8,972	9,448	9,461	9,013	9,812	10,234	11,207	11,984
Financial and insurance activities	2,281	2,473	2,660	2,972	3,034	3,094	3,137	3,133	2,874	2,761	2,841	2,896	3,037	3,137
Real estate activities	4,156	3,811	4,529	3,515	3,218	3,067	2,378	2,572	2,336	3,042	2,805	2,544	2,853	2,887
Professional, scientific and technical activities	195	157	185	209	192	210	234	254	249	238	232	239	274	300
Administrative and support service activities	795	883	881	954	939	973	1,003	994	1,020	1,081	1,115	1,197	1,416	1,507
Public administration and defence; compulsory social security	17,861	19,239	20,510	21,822	21,950	22,886	22,031	23,411	22,029	21,153	21,512	22,729	22,894	23,439
Education	695	759	672	790	957	658	728	741	717	754	692	699	709	719
Human health and social work activities	9,529	9,823	10,322	10,825	8,045	8,641	9,403	9,066	9,701	10,905	9,868	9,969	9,443	9,861
Arts, entertainment and recreation	544	471	462	554	656	245	278	293	382	604	541	561	594	620
Other service activities	2,530	2,863	2,819	2,962	2,758	3,223	3,536	4,452	4,676	5,834	4,392	4,435	4,328	4,538
Activities of households as employers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>255,881</b>	<b>267,505</b>	<b>277,735</b>	<b>285,142</b>	<b>295,231</b>	<b>317,754</b>	<b>322,659</b>	<b>330,635</b>	<b>344,452</b>	<b>352,250</b>	<b>368,736</b>	<b>376,407</b>	<b>393,149</b>	<b>407,792</b>

**TABLE 18-1 GROWTH RATE OF ANNUAL DEPRECIATION OF PUBLIC SECTOR : CHAIN VOLUME MEASURES (reference year = 2002)**

(Unit - Percentage)

Sector	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017r	2018r	2019r	2020p
<b>Agriculture</b>	<b>0.7</b>	<b>7.3</b>	<b>1.6</b>	<b>14.2</b>	<b>4.9</b>	<b>14.3</b>	<b>9.7</b>	<b>2.8</b>	<b>-1.7</b>	<b>0.8</b>	<b>3.0</b>	<b>1.9</b>	<b>2.3</b>	<b>9.3</b>
Agriculture, forestry and fishing	0.7	7.3	1.6	14.2	4.9	14.3	9.7	2.8	-1.7	0.8	3.0	1.9	2.3	9.3
<b>None Agriculture</b>	<b>2.4</b>	<b>4.2</b>	<b>4.1</b>	<b>1.3</b>	<b>3.4</b>	<b>6.7</b>	<b>0.7</b>	<b>2.4</b>	<b>4.9</b>	<b>2.4</b>	<b>4.8</b>	<b>2.1</b>	<b>4.8</b>	<b>3.1</b>
<b>Industrial</b>	<b>3.7</b>	<b>4.3</b>	<b>6.2</b>	<b>-0.3</b>	<b>5.7</b>	<b>7.8</b>	<b>-2.7</b>	<b>2.9</b>	<b>5.1</b>	<b>-0.6</b>	<b>1.2</b>	<b>2.2</b>	<b>7.5</b>	<b>-1.0</b>
Mining and quarrying	5.4	14.6	6.0	7.1	13.5	5.1	8.2	1.4	7.7	-0.1	-7.8	3.7	0.5	4.3
Manufacturing	4.9	12.7	5.3	3.4	-24.4	-4.3	-4.6	3.5	-3.8	-0.5	2.4	1.5	7.5	1.1
Electricity, gas, steam and air conditioning supply	4.2	3.3	6.5	-0.3	10.3	9.3	-3.3	3.3	5.4	-0.3	1.6	2.2	8.0	-1.5
Water supply; sewerage, waste management and remediation activities	-2.8	4.8	3.9	-5.8	-15.9	3.1	2.6	-2.4	10.6	-4.0	-3.8	2.4	3.7	3.0
<b>Service</b>	<b>1.6</b>	<b>4.1</b>	<b>2.7</b>	<b>2.3</b>	<b>1.8</b>	<b>6.0</b>	<b>2.9</b>	<b>2.2</b>	<b>4.7</b>	<b>4.2</b>	<b>7.1</b>	<b>2.1</b>	<b>3.4</b>	<b>5.3</b>
Construction	2.4	11.3	-10.5	7.0	-12.8	4.4	7.3	1.5	11.3	23.2	-8.0	2.4	3.2	6.1
Wholesale and retail trade; repair of motor vehicles and motorcycles	4.0	13.0	-3.8	9.1	9.9	-11.9	5.8	-9.1	10.1	-1.4	5.0	2.8	6.3	9.2
Transportation and storage	6.5	3.8	3.3	3.1	4.3	12.6	3.9	0.5	9.8	5.1	5.8	1.9	3.7	6.8
Accommodation and food service activities	-6.4	8.1	-3.9	8.8	5.4	4.8	3.5	0.0	8.6	-3.9	1.9	1.5	3.4	-0.1
Information and communication	-23.7	-6.3	5.1	-15.0	41.6	-23.3	13.6	5.3	0.1	-4.7	8.9	4.3	9.5	6.9
Financial and insurance activities	7.1	8.4	7.6	11.7	2.1	2.0	1.4	-0.1	-8.3	-3.9	2.9	1.9	4.9	3.3
Real estate activities	18.8	-8.3	18.8	-22.4	-8.4	-4.7	-22.4	8.2	-9.2	-12.8	-7.8	-9.3	12.1	1.2
Professional, scientific and technical activities	5.9	-19.4	17.7	13.4	-8.1	9.3	11.3	8.5	-2.0	-5.2	-2.5	3.0	14.6	9.5
Administrative and support service activities	3.8	11.1	-0.3	8.3	-1.6	3.6	3.1	-0.9	2.6	6.2	3.1	7.4	18.3	6.4
Public administration and defence; compulsory social security	-2.8	7.7	6.6	6.4	0.6	4.3	-3.7	6.3	-5.9	-4.0	1.7	5.7	0.7	2.4
Education	-4.8	9.1	-11.5	17.6	21.2	-31.2	10.5	1.9	-3.2	5.2	-8.2	1.0	1.4	1.4
Human health and social work activities	5.8	3.1	5.1	4.9	-25.7	7.4	8.8	-3.6	7.0	12.4	-9.5	1.0	-5.3	4.4
Arts, entertainment and recreation	1.1	-13.4	-1.9	20.0	18.4	-62.6	13.5	5.4	30.4	58.1	-10.4	3.7	5.9	4.4
Other service activities	-3.4	13.1	-1.5	5.1	-6.9	16.8	9.7	25.9	5.0	24.8	-24.7	1.0	-2.4	4.9
Activities of households as employers	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>TOTAL</b>	<b>2.2</b>	<b>4.5</b>	<b>3.8</b>	<b>2.7</b>	<b>3.5</b>	<b>7.6</b>	<b>1.5</b>	<b>2.5</b>	<b>4.2</b>	<b>2.3</b>	<b>4.7</b>	<b>2.1</b>	<b>4.4</b>	<b>3.7</b>