



สต็อกทุนของประเทศไทย

ฉบับ พ.ศ. 2567

CAPITAL STOCK OF THAILAND

2024 EDITION

สำนักงานสภาพัฒนาการเศรษฐกิจและสังคมแห่งชาติ

Office of the National Economic and Social Development Council

962 Krung Kasem Rd., Pomprab, Bangkok 10100, THAILAND

www.nesdc.go.th

Preface

The Capital Stock of Thailand 2024 edition is a crucial dataset compiled annually by the Office of the National Economic and Social Development Council (NESDC) to evaluate Thailand's capital factors, examine the relationship between production factors and outputs, and analyze the production function.

The Office of the National Economic and Social Development Council (NESDC) updates and revises data based on the latest gross fixed capital formation statistics reported in the national income accounts. This ensures the accuracy and relevance of the data, which serve as a foundation for analysis, research, and the efficient determination of Thailand's investment frameworks and policies.

On this occasion, we would like to extend our sincere gratitude to all stakeholders, including agencies and individuals from the public and private sectors, for their invaluable support in providing data, as well as their insightful opinions and recommendations, which have significantly contributed to the compilation of Thailand's capital stock account. We sincerely look forward to your continued cooperation in the future.



(Onfa Vejajiva)

Secretary-General

National Economic and Social Development Council

Revision

The Capital Stock of Thailand 2024 Edition

The Capital Stock of Thailand 2024 edition compilation has been revised back to 2021 to improve accuracy. The major revisions include the following topics.

1. Revise the capital stock data to be consistent with the gross fixed capital formation published in the National Income of Thailand 2023 edition and Gross Domestic Product of Thailand for Q2/2025.
2. Revise the indicators in accordance with the most recent data available from the original sources.
3. In this publication, the growth rate was measured based on the gross domestic product using chain-linked volume measures, as reported in the National Income of Thailand 2023 edition and the Gross Domestic Product of Thailand for Q2/2025.
4. Two letters are assigned to the tables: r and p. the letter “r” denotes previously published data that has been revised to reflect more complete and accurate information. The letter “p” indicates to preliminary annual figures.

****Any reproduction of data and materials in this publication must cite the NESDC as the source.****

Contents

	หน้า
Executive Summary	Vii
Capital Stock of Thailand in 2024	22
1. Overview	22
2. Classification	23
2.1 Classification by institutional sector	23
2.2 Classification by the kind of activities	27
3. Depreciation	32
4. Capital Factor Analysis	33
4.1 Incremental Capital Output Ratio: ICOR	33
4.2 Capital Productivity : CP	34
4.3 Total Factor Productivity: TFP	36
Annex	
Concept, definitions, and methodology of Capital Stock of Thailand	
Statistical Tables	

List of Tables

		หน้า
Table 1	Value, Structure and Growth Rate of Net Capital Stock	25
Table 2	Net Capital Stock at Replacement Cost and Its Real Growth Rates, by Economic Activity	29
Table 3	Incremental Capital Output Ratio (ICOR)	33
Table 4	ICOR Classified by the National Economic and Social Development Plans	34
Table 5	Capital Productivity (CP)	35
Table 6	Capital Productivity Classified by the National Economic and Social Development Plans	36
Table 7	Growth Rate of GDP and Sources of Growth	37
Table 8	Growth Rate of GDP and Sources of Growth in the Agricultural Sector	39
Table 9	Growth Rate of GDP and Sources of Growth in the Industrial Sector	40
Table 10	Growth Rate of GDP and Sources of Growth in the Service Sector.	41

List of Figures

		หน้า
Figure 1	Value of Net Capital Stock and GDP at current prices	22
Figure 2	Growth rates of net capital stock and GDP at CVM	23
Figure 3	Value and Growth Rate of Public Sector Net Capital Stock	26
Figure 4	Value and Growth Rate of Private Sector Net Capital Stock	26
Figure 5	Structure of Net Capital Stock in 2024	28
Figure 6	Net Capital Stock by the Kind of Activities and Institutional Sector (Million Baht)	31
Figure 7	Value and Growth rate of Annual Depreciation by production side	32
Figure 8	Capital Productivity Classified by the National Economic and Social Development Plans	36
Figure 9	Growth Rates and Sources of Economic Growth in Thailand	37
Figure 10	Sources of GDP Growth Classified by the National Economic and Social Development Plans	38
Figure 11	Growth Rates and Sources of Economic Growth in the Agricultural Sector	38
Figure 12	Sources of GDP Growth in the Agriculture sector Classified by the National Economic and Social Development Plans	39
Figure 13	Growth Rates and Sources of Economic Growth in the Agricultural Sector	39
Figure 14	Sources of Growth in the Industrial sector Classified by the National Economic and Social Development Plans	40
Figure 15	Growth Rates and Sources of Economic Growth in the Agricultural Sector	41
Figure 16	Sources of Growth in the Service sector Classified by the National Economic and Social Development Plans	41

EXECUTIVE SUMMARY



Executive Summary Capital Stock of Thailand in 2024

Overview

1. Gross Capital Stock

Gross capital stock at replacement cost in 2024 stood at 69,369,141 million baht, representing a 2.1% increase, down from 2.9% in 2023. This moderation was mainly driven by a slowdown in private sector stocks, which grew by 1.9%, down from 3.2% in the prior year. Meanwhile, public capital stock rose by 2.6%, following a 2.1% rise in the previous year. In 2024, the gross capital stock was approximately 3.7 times greater than the gross value added, a slight decrease from 3.8 times in the prior year.

In real terms, gross capital stock grew by 0.8%, slower than the 1.6% recorded in the previous year.

1.1 Gross Capital Stock classified by institutions

The private sector held 69.8% of the total gross capital stock. Meanwhile, the public sector accounted for 30.2% of total stocks.

1.2 Gross Capital Stock classified by economic activities

1) **Agricultural sector:** Gross capital stock at replacement cost in 2024 was 5,582,294 million baht, rising by 2.6%, down from 3.9% in 2023. In terms of chain volume measures, gross capital stock increased by 1.7%, decelerating from 2.8% in 2023.

2) **Non-agricultural sector:** Gross capital stock at replacement cost in 2024 was recorded at 63,786,848 million baht, rising by 2.1%, decelerating from 2.8% in 2023. In real terms, it increased by 0.7%, lower than the 1.5% growth rate in 2023. Details of the industrial and service sectors within the non-agricultural sector are as follows:

- **Industrial sector:** Gross capital stock grew by 2.1%, a deceleration from 2.8% in 2023. Almost all subsectors slowed down, with the exception of assets related to water supply, sewerage, waste management, and remediation activities. In real terms, the gross capital stock of the industrial sector rose by 1.1%, compared with 2.0% in 2023.

- **Service sector:** Gross capital stock increased by 1.7%, decelerating from 2.7% in 2023. Growth slowed in key subsectors, particularly transportation and storage; information and communication; and real estate activities. In real terms, gross capital stock rose by 0.6%, compared with 1.6% in the previous year.

2. Net Capital Stock

Net capital stock at replacement cost in 2024 was recorded at 41,427,198 million baht, rising by 1.6%, lower than 1.8% in the previous year. The main factor contributing to this result was the private sector, which grew by 1.5%, down from 2.1% in the prior year, while public net capital stock expanded by 2.0%, accelerating from 1.2% in the previous year.

In 2024, net capital stock was approximately 2.2 times greater than gross value added, compared with 2.3 times in the prior year. This was attributable to lower gross fixed capital formation by the private sector in 2024.

In real terms, net capital stock grew by 0.4%, lower than the 0.6% growth in the previous year.

2.1 Net Capital Stock classified by institutions

The private sector owned the majority, accounting for 69.8% of the total net capital stock. Meanwhile, the public sector held the remaining 30.2%.

2.2 Net Capital Stock classified by economic activities

1) **Agricultural sector:** Net capital stock at replacement cost in 2024 was 3,249,430 million baht, which accounted for a rise of 1.4% lower than the 2.9% growth in 2023. In terms of chain volume measures, net capital stock increased by 0.2%, decelerating from 1.5% in 2023.

2) **Non-agricultural sector:** Net capital stock at replacement cost in 2024 was recorded at 38,177,768 million baht, with growth of 1.7%, following 1.7% growth in 2023. In real terms, it increased by 0.4%, slightly lower than the 0.5% rate in previous year. Details of the industrial and service sectors within the non-agricultural sector are as follows:

- **Industrial sector:** Net capital stock grew by 2.0% at replacement cost, continuing from 1.8% in 2023. Growth was supported by assets related to water supply, sewerage, waste management, and remediation activities, as well as electricity, gas, steam, and air conditioning supply. However, in real terms, net capital stock grew by 0.6%, down from 0.9% in the previous year.

- **Service sector:** Net capital stock increased by 1.5% at replacement cost, lower than the 1.7% growth in 2023. This was mainly due to a deceleration in assets related to transportation and storage; accommodation and food services; and information and communication. In real terms, net capital stock in the service sector grew by 0.3% in 2024.

3. Capital factor sector analysis and sources of economic growth in 2022

3.1 Incremental Capital Output Ratio: ICOR¹

Overview

ICOR measures the change in a country's output resulting from a change in capital investment. In 2024, ICOR was recorded at 0.39, indicating that a one-unit increase in value added required 0.39 units of additional capital. Compared with the average ICOR of 0.56 during the first two years of the 13th National Economic and Social Development Plan, the capital utilization was more efficient than under the 12th Plan, which recorded an ICOR of 1.11. The following details present ICOR by economic activity:

Agriculture sector: In 2024, the ICOR of the agricultural sector was -0.76. This negative value indicates inefficiency in capital utilization for this year.

Industrial sector: the ICOR of the industrial sector was 1.55, improving from -1.02 in 2023. This indicates better capital utilization compared with the previous year.

Service sector: the ICOR of the service sector was 0.21, slightly higher than the 0.20 recorded in 2023, suggesting a marginal decline in capital efficiency.

3.2 Capital Productivity: CP²

Overview

In 2024, capital productivity stood at 0.41, up from 0.40 in 2023. This indicates that each unit of capital generated 0.41 units of GDP. A detailed breakdown of capital productivity by economic activity is presented below.

Agricultural sector: In 2024, capital productivity in the agricultural sector was 0.29. It stood at the same rate as in 2023, which recorded 0.29 units. However, this sector demonstrated the lowest efficiency compared with other sectors.

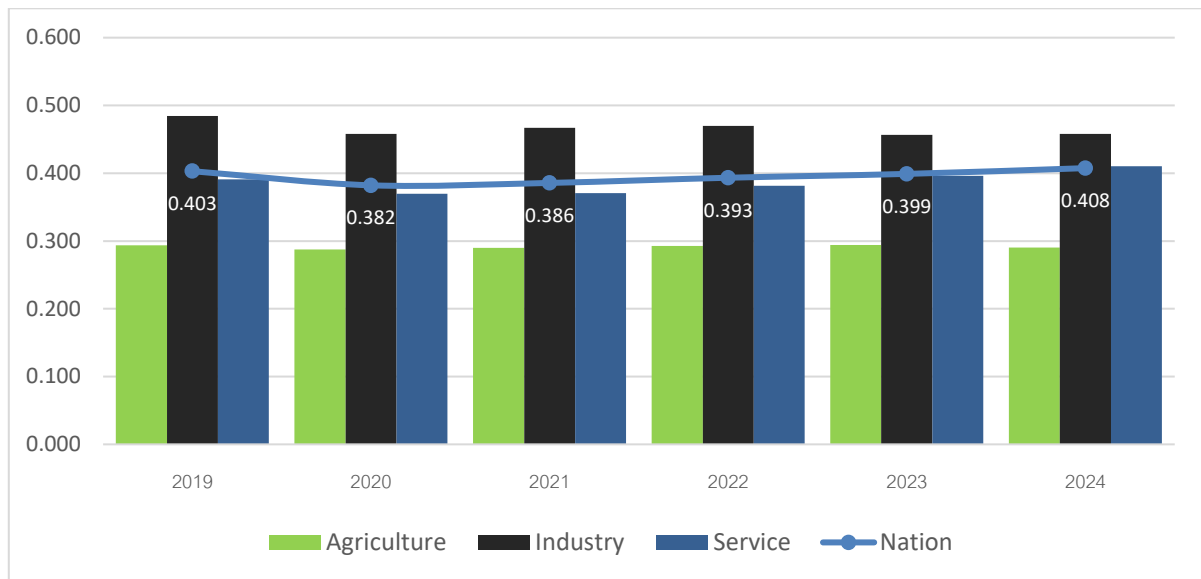
Industrial sector: capital productivity in the industrial sector was 0.46, unchanged from the previous year, which also recorded 0.46 units. Nevertheless, industrial capital productivity has shown a continuous long-term decline since 2016, when it was recorded at 0.50.

Service sector: capital productivity in the service sector was 0.41, a slight improvement from 0.40 in 2023. In the long term, CP in the service sector has grown steadily since 2009, with a record of 0.30.

¹ $ICOR = \frac{\Delta N K_t}{\Delta GDP_t}$

² $CP = \frac{GDP}{\text{Net Capital Stock}}$

Figure 1 Capital Productivity of Thailand, 2019 - 2024



3.3 Total Factor Productivity: TFP

Overall, the Thai economy grew by 2.54% in 2024, expanding from 2.02% in 2023. Examining the sources of growth, the labor factor contributed 0.16%, down from 0.60% in 2023; the capital factor contributed 0.26%, down from 0.38% in the previous year; and total factor productivity (TFP) contributed 2.13%, up from 1.04% in the prior year. Growth in 2024 was primarily driven by technical and managerial improvements in production, while labor and capital contributions were lower than in 2023. Details of TFP by economic activity are as follows:

Agricultural sector: In 2024, the agricultural sector contracted by 1.06%, compared with 2.04% growth in the previous year. Considering its sources of growth, the labor factor contributed negatively by 0.24%, lower than the 0.22% reduction in the previous year; the capital factor rose by 0.18%, down from 1.21%; the land factor reduced by 0.03%, compared with a 0.02% reduction in 2023; and the TFP factor decreased by 0.98%, down from a 1.07% rise in 2023. This means that the decline in agriculture this year was due to factors related to technology, labor, and land, while the capital factor still expanded this year.

Industrial sector: In 2024, the industrial sector grew by 0.89%, recovering from a contraction of 1.89% in 2023. The sources of growth were as follows: the labor factor contributed 0.08%, down from 0.61%; the capital factor contributed 0.42%, down from 0.61%; and the TFP factor contributed 0.38%, improving from 3.11% down in previous year. This suggests that technological improvements made a greater contribution to production, while labor and capital contributed at lower levels.

Service sector: In 2024, the service sector grew by 3.88%, decelerating from 4.18% in 2023. The labor factor contributed 0.61%, down from 1.36%; the capital factor contributed 0.20%, stable from last year; and the TFP factor contributed 3.07%, up from 2.63%. Growth in the service sector was mainly driven by TFP, while labor factor decelerated and capital factor remained stable.

Figure 2: Decomposition of economic growth by input factors, 2019 - 2024

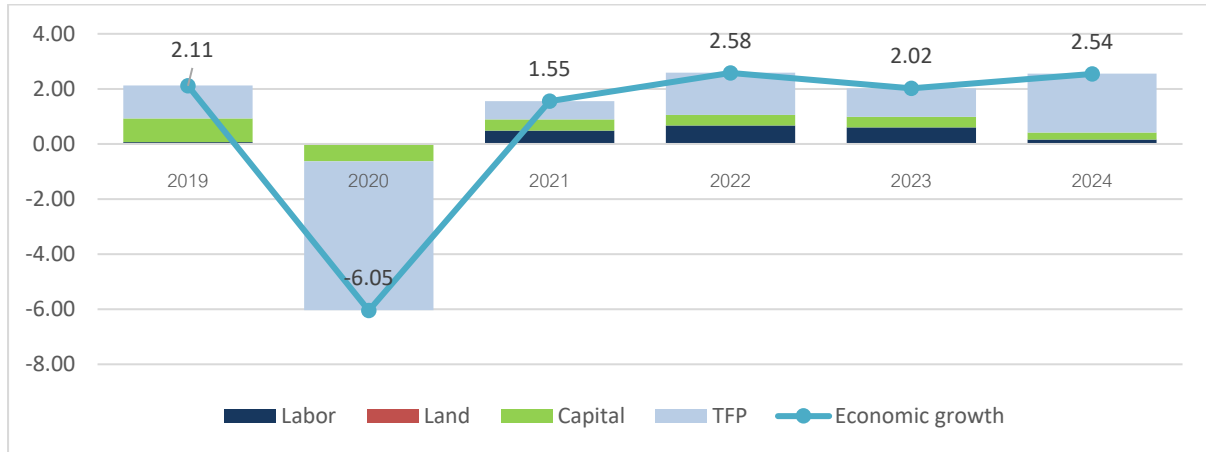


Table 1 Capital factor analysis and sources of economic growth in 2024

Years	Sectors	ICOR*	CP**	GDP Growth	Source of growth			
					Labor	Land	Capital	TFP***
2565	Overall	0.59	0.39	2.58	0.67	0.00	0.39	1.53
	● Agriculture	2.05	0.29	2.42	0.10	-0.08	1.13	1.28
	● Industrial	-0.05	0.47	0.59	0.34	-	-0.01	0.26
	● Services and others	0.54	0.38	3.70	1.15	-	0.45	2.09
2566	Overall	0.72	0.40	2.02	0.60	0.00	0.38	1.04
	● Agriculture	2.58	0.29	2.04	-0.22	-0.02	1.21	1.07
	● Industrial	-1.02	0.46	-1.89	0.61	-	0.61	-3.11
	● Services and others	0.20	0.40	4.18	1.36	-	0.20	2.63
2567	Overall	0.39	0.41	2.54	0.16	-0.00	0.26	2.13
	● Agriculture	-0.76	0.29	-1.06	-0.24	-0.03	0.18	-0.98
	● Industrial	1.55	0.46	0.89	0.08	-	0.42	0.38
	● Services and others	0.21	0.41	3.88	0.61	-	0.20	3.07

*Incremental Capital Output Ratio: ICOR

**Capital Productivity: CP

***Total Factor Productivity: TFP

Summary of Thailand's capital stock

	2019	2020	2021	2022	2023	2024p
1. Growth rate of GDP (%)	4.2	2.1	-6.1	1.6	2.5	1.9
2. Net capital stock at replacement cost (Million Bath)	38,816,290	38,462,472	38,983,988	40,024,541	40,755,046	41,427,198
● Public	11,322,629	11,634,173	11,913,375	12,117,230	12,258,229	12,508,140
● Private	27,493,660	26,828,299	27,070,613	27,907,310	28,496,817	28,919,058
3. Growth rate of Net Capital Stock at CVM (%)	1.3	-0.9	0.6	0.6	0.6	0.4
● Public	-0.5	2.4	1.7	-0.5	-0.1	1.0
● Private	2.1	-2.3	0.1	1.1	0.9	0.1
4. Structure of Net Capital Stock (%)						
● Public	29.2	30.2	30.6	30.3	30.1	30.2
● Private	70.8	69.8	69.4	69.7	69.9	69.8
5. Net Capital Stock at Replacement Cost (Million Bath)						
● Agriculture	3,033,192	2,947,371	2,998,248	3,113,276	3,204,868	3,249,430
● Industrial	10,422,230	10,410,381	10,655,809	10,863,113	11,063,941	11,289,303
● Services and others	25,360,868	25,104,720	25,329,931	26,048,151	26,486,237	26,888,465
6. Growth Rate of Net Capital Stock at CVM (%)						
● Agriculture	1.0	-1.2	1.4	1.4	1.5	0.2
● Industrial	0.0	-0.2	1.7	-0.0	0.9	0.6
● Services and others	1.9	-1.2	0.1	0.7	0.3	0.3
7. Incremental Capital Output Ratio: ICOR	1.57	0.38	1.04	0.59	0.72	0.39
8. Capital Productivity: CP	0.40	0.38	0.39	0.39	0.40	0.41
● Agriculture	0.29	0.29	0.29	0.29	0.29	0.29
● Industrial	0.48	0.46	0.47	0.47	0.46	0.46
● Services and others	0.39	0.37	0.37	0.38	0.40	0.41
9. Total Factor Productivity: TFP						
● Agriculture	-1.78	-2.14	1.07	1.28	1.07	-0.98
● Industrial	0.07	-5.01	2.41	0.26	-3.11	0.38
● Services and others	2.37	-6.11	-0.63	2.09	2.63	3.07
● Overall	1.19	-5.41	0.66	1.53	1.04	2.13

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

CAPITAL STOCK OF THAILAND
2024 EDITION

CAPITAL STOCK OF THAILAND IN 2024

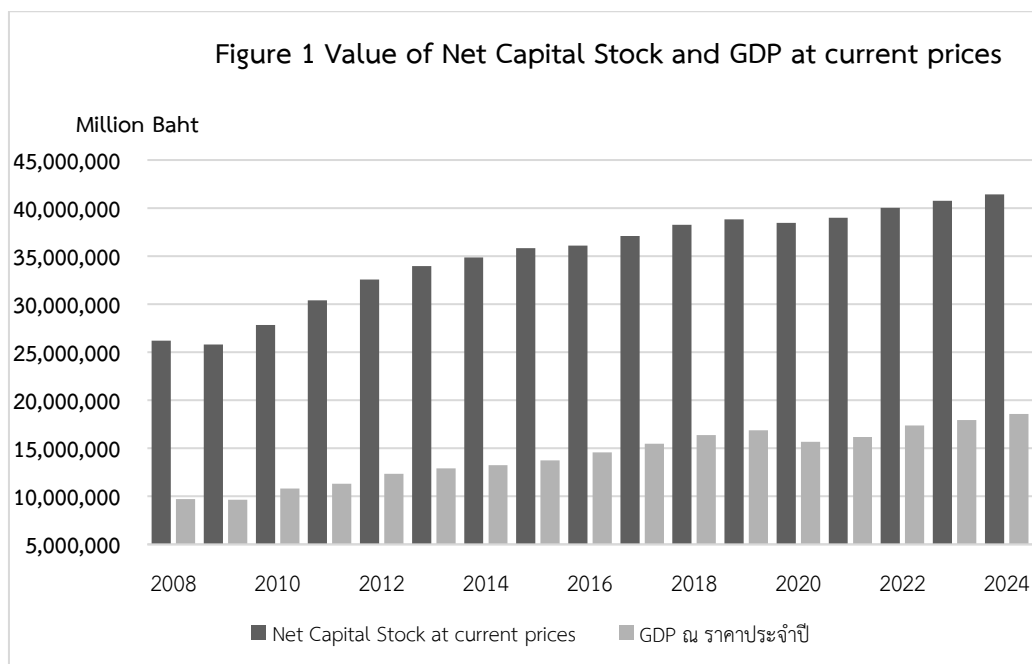
1. Overview

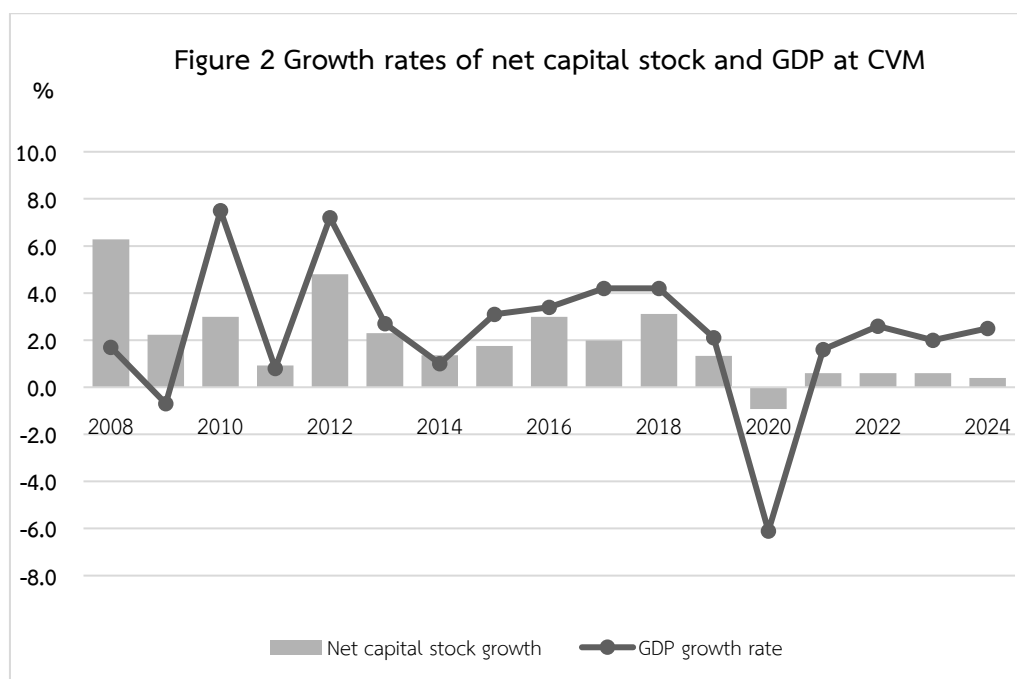
1.1 Gross Capital Stock

Thailand's gross capital stock at replacement cost in 2024 amounted to 69,369,141 million baht, increasing by 1,440,264 million baht from 2023. The private sector capital stock was valued at 48,221,056 million baht, up by 904,299 million baht, accounting for 69.5% of the total capital stock. Meanwhile, the public sector capital stock stood at 21,148,085 million baht, rising by 535,965 million baht, representing 30.5% of the total. Overall, in chain volume measures, the growth rate slowed in both the agricultural and non-agricultural sectors. The key factors behind the deceleration in 2024 were reduced capital accumulation in major industries such as manufacturing, transportation and storage, and accommodation and food service activities.

1.2 Net Capital Stock

Net capital stock at replacement cost in 2024 was 41,427,198 million baht, increasing by 672,152 million baht from 2023. With GDP at current prices amounting to 18,582,671 million baht, the net capital stock was approximately 2.2 times the size of GDP.





2. Classification

Net capital stock is classified into the institutional sector and by the kind of activities. The details are as follows:

2.1 Classification by institutional sector comprises net capital stock held by public sector and private sector.

2.1.1 Public sector

Overview

In 2024, the public sector's net capital stock at replacement cost amounted to 12,508,140 million baht, increasing by 249,911 million baht from 2023. In real terms (chain volume measures), the public sector's net capital stock grew by 1.0%, rebounding from a 0.1% contraction in 2023. This increase reflected higher capital accumulation across all major industries, particularly in agriculture, electricity, gas, steam, and air conditioning supply, and transportation and storage.

Structure of public sector net capital stock

The public sector's net capital stock accounted for 30.2% of the total net capital stock. It was categorized by production activities as follows:

1) Agriculture: In 2024, the public sector's net capital stock in agriculture was valued at 1,601,241 million baht, accounting for 12.8% of the total public net capital stock. In real terms, it grew by 0.4%, continuing the 0.1% growth recorded in the previous year. Most of these assets were related to irrigation systems, such as dams, weirs, and embankments.

2) Industrial sector: the public sector's net capital stock in the industrial sector amounted to 2,614,389 million baht, accounting for 20.9% of the total public net capital stock. In real terms, it grew by 1.5%, rebounding from a 0.2% contraction in the previous year. Most of these assets were in the electricity, gas, steam, and air conditioning supply sector, with a total value of 2,057,447 million baht.

3) Service sector: In 2024, the public sector's net capital stock in the service sector amounted to 8,292,510 million baht, accounting for 66.3% of the total public net capital stock. In real terms, it grew by 0.9%, improving from a 0.1% decline in 2023. The largest share of the service sector's net capital stock was in transportation and storage, totaling 4,123,441 million baht, driven by continued infrastructure investments in roads, railways, and airports.

2.1.2 Private sector

Overview

In 2024, the private sector's net capital stock at replacement cost amounted to 28,919,058 million baht, increasing by 422,241 million baht from the previous year. In real terms, the net capital stock grew by only 0.1%, slowing from 0.9% growth in 2023. This deceleration reflected weaker capital accumulation in agriculture, manufacturing, and transportation and storage, while capital accumulation in accommodation and food service activities and real estate activities declined.

Structure of private sector net capital stock

Net capital stock held by the private sector at current replacement cost comprised 69.8% of the total net capital stock. This net capital stock was classified by production sectors as follows:

1) Agriculture sector: In 2024, the private sector's net capital stock in agriculture at replacement cost amounted to 1,648,189 million baht, accounting for 5.7% of the total private net capital stock. In real terms, it grew by 0.1%, slowing from 3.0% growth in the previous year. Most of these assets were agricultural machinery, working animals, and breeding livestock.

2) Industrial sector: the private sector's net capital stock in the industrial sector at replacement cost amounted to 8,674,915 million baht, accounting for 30.0% of the total private net capital stock. In real terms, it grew by 0.4%, slowing from 1.2% growth in 2023. Most of these assets were in the manufacturing sector, valued at 7,010,270 million baht, particularly in general-purpose and specialized industrial machinery, as well as industrial plants.

3) Service sector: the private sector's net capital stock in the service sector at replacement cost amounted to 18,595,954 million baht, accounting for 64.3% of

the total private net capital stock. In real terms, it grew by 0.1%, slowing from 0.5% in 2023. The largest share of assets was in real estate activities, valued at 7,064,029 million baht, followed by transportation and storage (3,636,884 million baht) and wholesale and retail trade (2,782,497 million baht).

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

Unit – Million Baht

	2019	2020	2021	2022	2023	2024
Value of Gross Capital Stock at Current Replacement Cost	62,175,822	61,511,705	63,463,594	66,024,158	67,928,877	69,369,141
Growth Rate of Gross Capital Stock at CVM (%)	1.4	-1.1	2.3	1.9	1.6	0.8
Public	-0.5	2.4	2.5	0.5	0.8	1.4
Private	2.3	-2.6	2.2	2.5	2.0	0.6
Value of Net Capital Stock at Current Replacement Cost	38,816,290	38,462,472	38,983,988	40,024,541	40,755,046	41,427,198
Public	11,322,629	11,634,173	11,913,375	12,117,230	12,258,229	12,508,140
Private	27,493,660	26,828,299	27,070,613	27,907,310	28,496,817	28,919,058
Structure of Net Capital Stock at replacement cost (%)	100.0	100.0	100.0	100.0	100.0	100
Public	29.2	30.2	30.6	30.3	30.1	30.2
Private	70.8	69.8	69.4	69.7	69.9	69.8
Growth Rate of Net Capital Stock at CVM (%)	1.3	-0.9	0.6	0.6	0.6	0.4
Public	-0.5	2.4	1.7	-0.5	-0.1	1.0
Private	2.1	-2.3	0.1	1.1	0.9	0.1

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

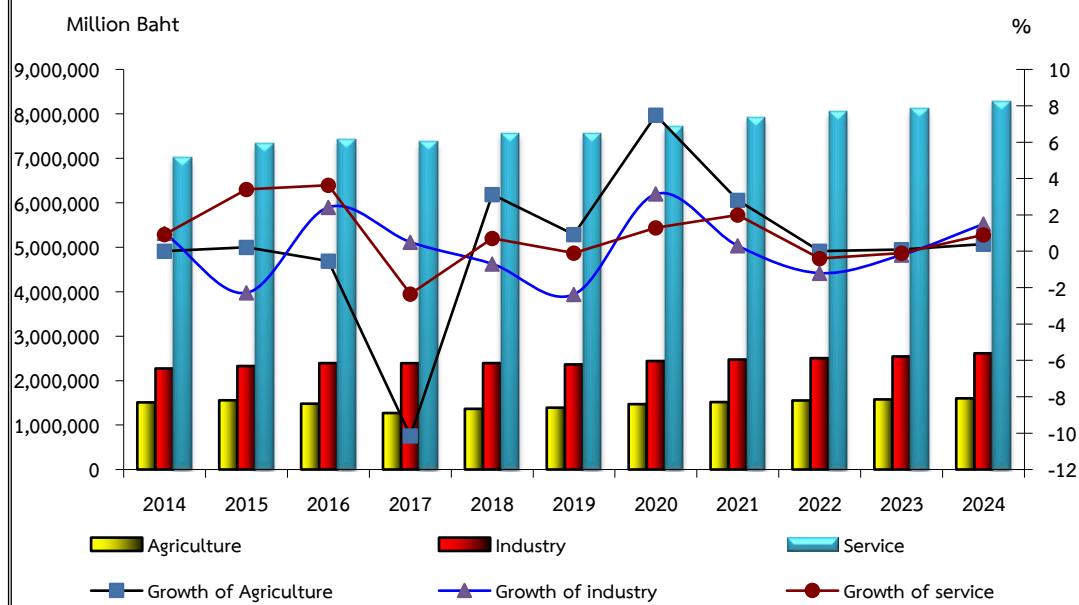
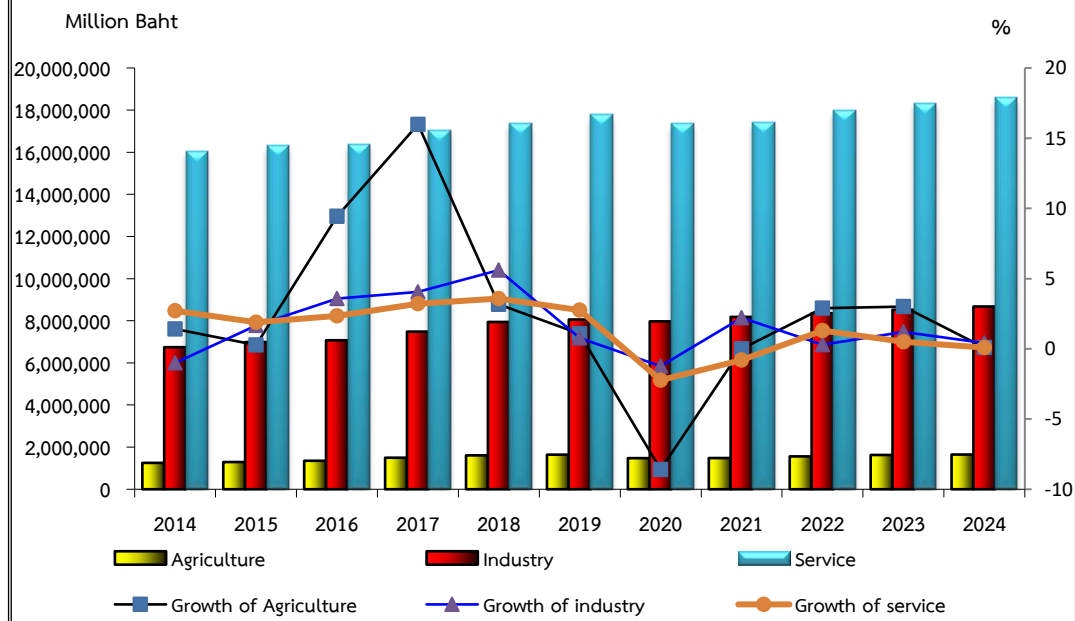


Figure 4 Value and Growth Rate of Private Sector Net Capital Stock



2.2 Classification by the kind of activities

2.2.1 Capital stock by the kind of activities

Gross capital stock can be classified into 19 production sectors, including: (1) agriculture, forestry and fishing (2) mining and quarrying (3) manufacturing (4) electricity, gas, steam and air conditioning supply (5) water supply; sewerage, waste management and remediation activities (6) construction (7) wholesale and retail trade; repair of motor vehicles and motorcycles (8) transportation and storage (9) accommodation and food service activities (10) information and communication (11) financial and insurance activities (12) real estate activities (13) professional, scientific and technical activities (14) administrative and support service activities (15) public administration and defence; compulsory social security (16) education (17) human health and social work activities (18) arts, entertainment and recreation and (19) other service activities.

In 2024, gross capital stock at replacement cost amounted to 69,369,141 million baht. By sector, transportation and storage had the highest capital stock, totaling 12,988,113 million baht, followed by manufacturing with 12,544,520 million baht, and real estate activities with 12,196,425 million baht. Agriculture, forestry, and fishing accounted for 5,582,294 million baht, while electricity, gas, steam, and air conditioning supply amounted to 5,549,988 million baht. Wholesale and retail trade, including the repair of motor vehicles and motorcycles, recorded 5,065,578 million baht, and human health and social work activities totaled 2,822,984 million baht. Accommodation and food service activities stood at 2,130,722 million baht, and construction at 2,101,047 million baht. Information and communication accounted for 1,559,519 million baht, other service activities for 1,463,545 million baht, and education for 1,418,412 million baht. Public administration and defence, including compulsory social security, totaled 1,233,007 million baht, mining and quarrying was 1,025,601 million baht, and financial and insurance activities amounted to 1,022,441 million baht. Water supply; sewerage, waste management, and remediation activities were valued at 529,988 million baht, administrative and support service activities at 55,816 million baht, arts, entertainment, and recreation at 40,891 million baht, and professional, scientific, and technical activities had the lowest value at 38,251 million baht.

In real terms, gross capital stock in 2024 grew by 0.8%, slowing from 1.6% in 2023. This deceleration occurred across all major sectors, including agriculture, industry, and services. By sector, agriculture expanded by 1.7%, down from 2.8% in the previous year; the industrial sector grew by 1.1%, slowing from 2.0%; and the service sector increased by 0.6%, down from 1.3% in 2023. The slowdown was particularly evident in manufacturing, transportation and storage, and accommodation and food service activities.

2.2.2 Net capital stock by the kind of activities

In 2024, the total net capital stock at replacement cost amounted to 41,427,198 million baht. The real estate sector recorded the highest net capital stock at 7,763,736 million baht, followed closely by transportation and storage at 7,760,325 million baht, while professional, scientific, and technical activities had the lowest, valued at 21,947 million baht.

In real terms, net capital stock grew by 0.4%, slowing from 0.6% in 2023. The slowdown was mainly due to weaker growth in the agriculture and industrial sectors, which expanded by 0.2% and 0.6%, respectively, compared with 1.5% and 0.9% in the previous year. Among subsectors, agriculture, forestry, and fishing grew by 0.2%, down from 1.5% in 2023; manufacturing increased by 0.3%, down from 0.8%; transportation and storage grew by 0.6%, slowing from 1.6%; accommodation and food service activities rose by 0.1%, down from 2.6%; and real estate activities declined by 0.4%, following a 1.7% decrease in the previous year.

Figure 5 Structure of Net Capital Stock in 2024

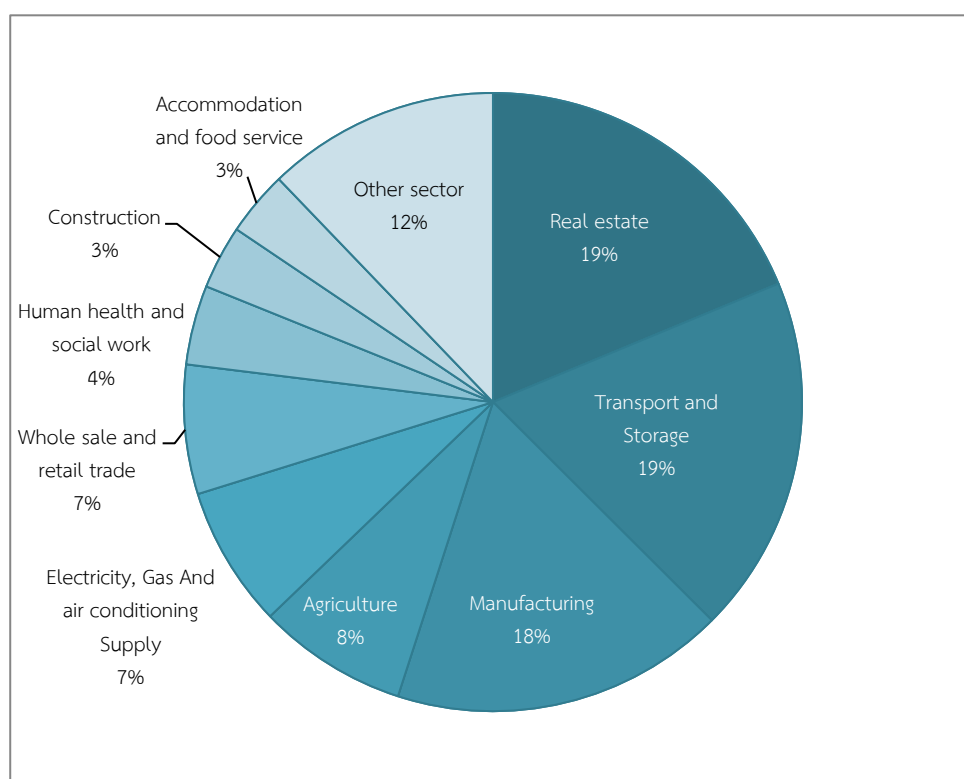


Table 2 Net Capital Stock at Replacement Cost and Its Real Growth Rates, by Economic Activity

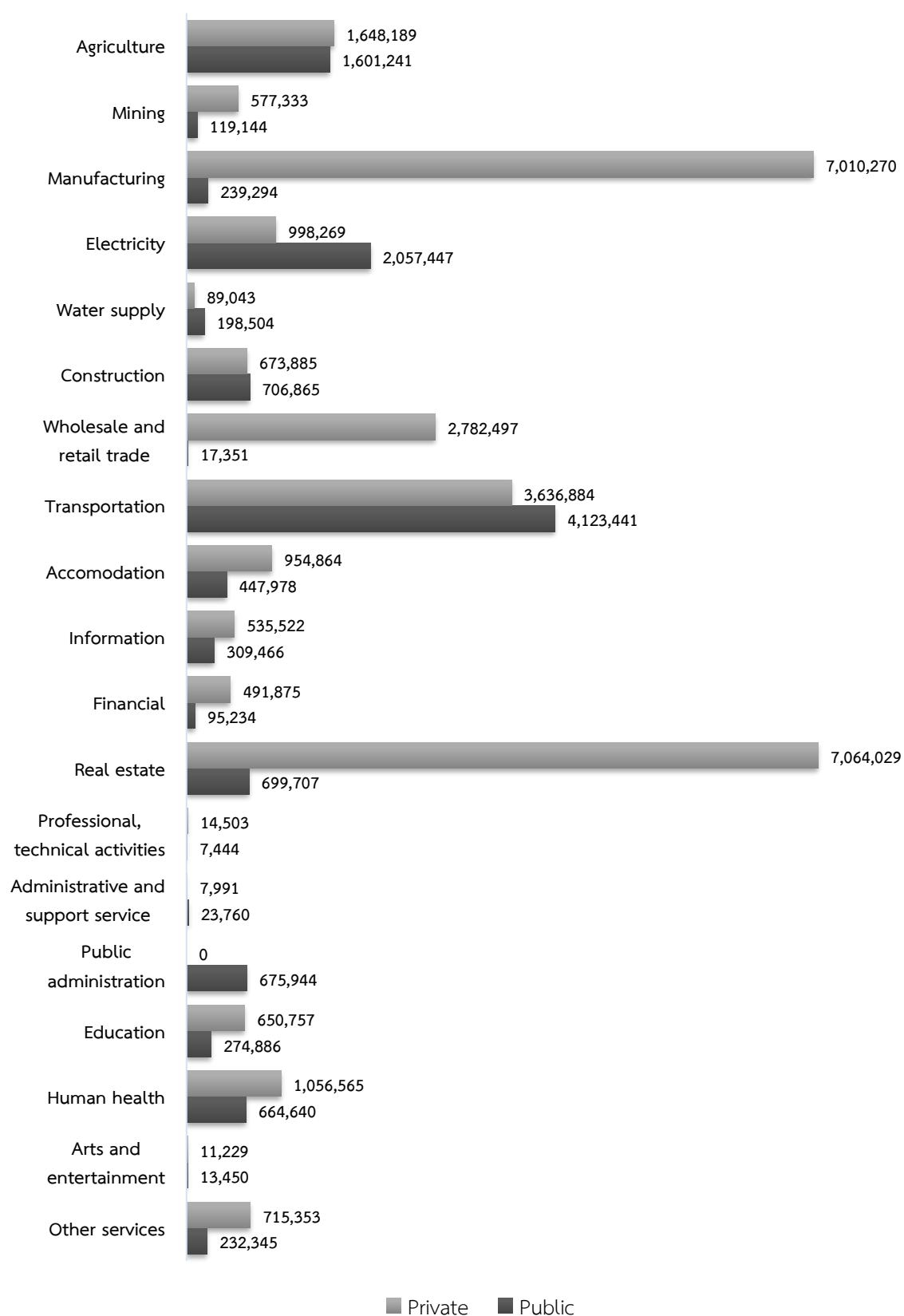
Unit – million Baht

Sectors	2019	2020	2021r	2022r	2023r	2024p
Agriculture, forestry and fishing	3,033,192	2,947,371	2,998,248	3,113,276	3,204,868	3,249,430
• Growth rate (%)	1.0	-1.2	1.4	1.4	1.5	0.2
Mining and Quarrying	656,145	659,297	667,324	673,888	688,755	696,477
• Growth rate (%)	0.4	0.0	1.0	0.3	2.0	0.9
Manufacturing	6,698,477	6,668,621	6,881,998	7,021,337	7,117,896	7,249,564
• Growth rate (%)	-0.0	-0.6	2.8	0.2	0.8	0.3
Electricity, Gas and air conditioning Supply	2,800,679	2,811,600	2,834,579	2,895,503	2,982,242	3,055,716
• Growth rate (%)	0.1	0.5	-0.4	-0.5	1.1	1.3
Water supply; sewerage, waste management and remediation activities	266,928	270,863	271,907	272,385	275,048	287,547
• Growth rate (%)	0.4	0.2	-0.8	-2.3	-1.5	1.8
Construction	1,305,233	1,321,709	1,350,575	1,356,984	1,370,016	1,380,750
• Growth rate (%)	2.3	1.2	1.3	-1.2	-0.1	0.3
Wholesale and Retail Trade; Repair of Motor Vehicles, Motorcycles	2,710,935	2,626,159	2,665,535	2,723,305	2,767,778	2,799,848
• Growth rate (%)	1.8	-4.9	0.2	0.3	0.8	0.5
Transport and Storage	7,273,137	7,127,001	7,065,596	7,436,612	7,622,872	7,760,325
• Growth rate (%)	-0.8	-3.7	-0.9	2.7	1.6	0.6
Accommodation and food service activities	1,403,678	1,267,068	1,248,431	1,330,408	1,397,189	1,402,842
• Growth rate (%)	4.6	-9.9	-2.1	3.8	2.6	0.1
Information and communication	752,848	782,579	795,297	818,154	835,561	844,988
• Growth rate (%)	0.8	0.1	0.3	0.8	1.0	0.9
Financial and insurance activities	511,961	530,260	541,731	561,017	576,215	587,108
• Growth rate (%)	2.5	4.2	0.7	1.7	2.1	1.7
Real estate activities	7,347,506	7,355,980	7,487,509	7,571,462	7,619,265	7,763,736
• Growth rate (%)	2.4	2.3	0.6	-0.9	-1.7	-0.4

Unit – million Baht

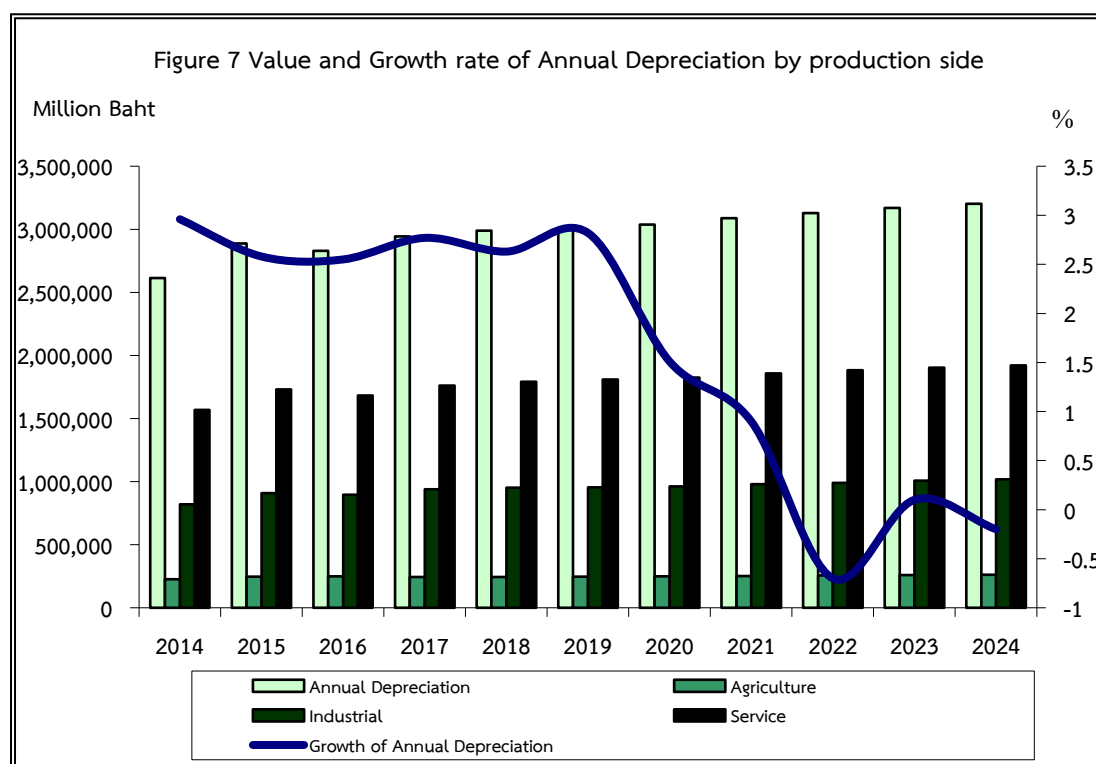
Sectors	2019	2020	2021r	2022r	2023r	2024p
Professional, scientific and technical activities	20,772	20,286	20,382	20,985	21,425	21,947
• Growth rate (%)	1.0	-2.7	-0.9	0.8	0.8	0.6
Administrative and support service activities	32,676	29,984	30,181	30,801	31,335	31,751
• Growth rate (%)	8.3	1.2	-0.3	0.0	1.3	1.2
Public administration and defense; compulsory social security	615,187	630,011	646,296	656,499	665,906	675,944
• Growth rate (%)	3.9	5.2	1.1	-0.3	0.8	0.8
Education	863,293	873,374	881,182	897,363	908,652	925,643
• Growth rate (%)	8.0	-0.2	-0.3	0.2	0.7	1.7
Human health and social work activities	1,542,088	1,608,183	1,658,635	1,689,400	1,704,959	1,721,206
• Growth rate (%)	2.1	1.5	2.0	0.3	0.1	0.5
Arts, entertainment and recreation	24,981	23,475	23,627	24,165	24,564	24,679
• Growth rate (%)	1.5	-3.1	0.1	0.9	1.5	0.3
Other service activities	956,573	908,652	914,954	930,996	940,501	947,698
• Growth rate (%)	7.9	-1.4	0.2	0.7	0.6	0.5
Total	38,816,290	38,462,472	38,983,988	40,024,541	40,755,046	41,427,198
• Growth rate (%)	1.3	-0.9	0.6	0.6	0.6	0.4

Figure 6 Net Capital Stock by the Kind of Activities and Institutional Sector (Million Baht)



3. Depreciation

In 2024, annual depreciation at replacement cost amounted to 3,202,067 million baht, representing 4.6% of gross capital stock at replacement cost and 17.2% of gross domestic product. The transportation and storage sector recorded the highest depreciation, at 595,529 million baht, or 18.6% of total depreciation. The next largest contributors were manufacturing (579,017 million baht, 18.1%), electricity, gas, steam, and air conditioning supply (353,023 million baht, 11.0%), and real estate activities (328,107 million baht, 10.2%). In contrast, professional, scientific, and technical activities (2,367 million baht), arts, entertainment, and recreation (2,471 million baht), and administrative and support service activities (4,554 million baht) recorded the lowest depreciation values, collectively accounting for 0.1% of the total. In real terms, annual depreciation in 2024 declined by 0.2%, compared with a 0.1% growth in 2023.



4. Capital Factor Analysis

4.1 Incremental Capital Output Ratio: ICOR

Overview

In 2024, Thailand's economy continued to grow, while the growth of net capital stock slowed. This indicates that the existing capital stock was able to generate higher output, resulting in an ICOR of 0.39 in 2024. In other words, a 1-unit increase in GDP was achieved with only a 0.39-unit increase in capital, which is lower than the ICOR of 0.72 in the previous year, implying that capital was used more efficiently in 2024 than in 2023.

ICOR by Classified by Sectors

- **Agriculture sector:** In 2024, ICOR was -0.76, indicating that capital use in this sector was inefficient. In other words, the growth of GDP did not align with the change in net capital stock, reflecting a mismatch between capital accumulation and GDP in the agricultural sector.

- **Industrial sector:** In 2024, ICOR was 1.55, compared with -1.02 in the previous year. This means that an increase of 1.55 units of capital generated 1 unit of GDP. The positive ICOR reflects the growth of net capital stock in the industrial sector after two consecutive years of decline. However, the capacity utilization in the industrial sector fell to 58.97%, down from 60.18% in 2023.

- **Service sector:** In 2024, ICOR was 0.21, meaning that a 0.21-unit increase in capital generated a 1-unit increase in GDP. This is slightly higher than 0.20 in 2023, indicating a small decline in capital efficiency compared with the previous year. Nevertheless, the service sector continued to demonstrate the most efficient use of capital, supported by sustained growth in the number of tourists.

Table 3 Incremental Capital Output Ratio (ICOR)

Sector	2018	2019	2020	2021	2022	2023	2024
Agriculture	1.77	-3.41	1.31	2.19	2.05	2.58	-0.76
Non-Agriculture	1.88	1.37	0.34	0.93	0.50	0.57	0.34
● Industrial	2.86	2.86	2.86	2.86	2.86	2.86	2.86
● Service	1.54	1.54	1.54	1.54	1.54	1.54	1.54
Total	1.86	1.57	0.38	1.04	0.59	0.72	0.39

ICOR by production sectors classified according to the National Economic and Social Development Plan

The ICOR over the period of the 9th to 13th National Economic and Social Development Plans shows that different production sectors in Thailand have demonstrated gradually improving capital efficiency. The agriculture sector has shown continuous improvement in capital utilization since the 12th Plan, while non-agricultural sectors have improved steadily since the 11th Plan. The industrial sector has exhibited efficient capital use since the 11th Plan, and the service sector has seen continuous improvement from the 10th Plan onward. Overall, these trends indicate that, in the long term, Thailand's capital has been increasingly utilized efficiently, particularly in the service and industrial sectors, which have been key drivers of economic growth during the most recent development plans.

Table 4 ICOR Classified by the National Economic and Social Development Plans

Sector	9 th Plan (2002-2006)	10 th Plan (2007-2011)	11 th Plan (2012-2016)	12 th Plan (2017-2022)	13 th Plan (2 year) (2023-2027)
Agriculture	-21.28	-10.29	-0.08	0.97	0.91
Non-Agriculture	1.51	1.81	1.90	1.06	0.45
• Industrial	1.73	0.35	-0.59	1.08	0.26
• Service	1.25	10.30	1.86	0.89	0.20
Total	1.64	1.18	2.23	1.14	0.56

4.2 Capital Productivity: CP

Overview

Capital productivity in 2024 was 0.41, a slight increase from 0.40 in 2023, indicating that each unit of capital generated 0.41 units of GDP.

Capital Productivity Classified by Sectors

- **Agriculture sector:** In 2024, capital productivity in the agricultural sector was 0.29, remaining stable for six consecutive years. Compared with other sectors, agriculture recorded the lowest capital productivity.
- **Industrial sector:** In 2024, capital productivity in the industrial sector was 0.46, unchanged from 2023. Capital efficiency in the industrial sector had gradually declined from 0.50 in 2016. Nevertheless, compared with the national average, the industrial sector maintained above-average capital productivity and was the most efficient sector

overall. When adjusted for capacity utilization to reflect actual use of capital, capital productivity reached 0.78, up from 0.76 in 2023.

- **Service sector:** In 2024, capital productivity in the service sector was 0.41, slightly higher than 0.40 in 2023. The sector's capital efficiency was close to the national average and has shown a continuous upward trend in the long term, rising from 0.30 in 2009.

In summary, changes in capital productivity in 2024 indicate improvements in the service sector and stability in the industrial sector, while the agricultural sector continues to face persistent constraints in capital efficiency.

Table 5 Capital Productivity (CP)

Sector	2018	2019	2020	2021	2022	2023	2024
Agriculture	0.30	0.29	0.29	0.29	0.29	0.29	0.29
Non-Agriculture	0.41	0.42	0.39	0.40	0.41	0.41	0.42
● Industrial	0.49	0.48	0.46	0.47	0.47	0.46	0.46
CAP U Adjusted*	0.71	0.74	0.76	0.72	0.73	0.76	0.78
● Service	0.38	0.39	0.37	0.37	0.38	0.40	0.41
Total	0.40	0.40	0.38	0.39	0.39	0.40	0.41
CAP U Adjusted*	0.44	0.44	0.43	0.43	0.44	0.45	0.46

*CAP U : Capital Utilizations

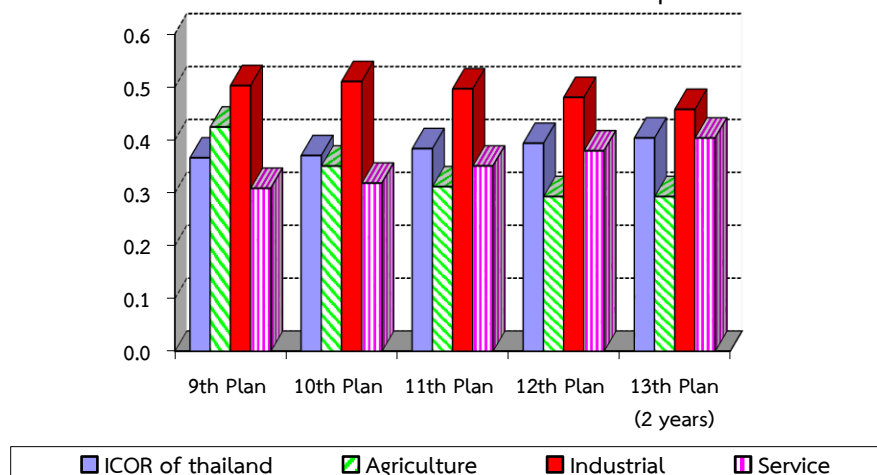
Capital Productivity by production sectors classified according to the National Economic and Social Development Plan

Capital productivity over the period of the 9th to 13th National Economic and Social Development Plans showed a continuous improvement overall, primarily driven by rising productivity in the service sector. In contrast, the agriculture and industrial sectors experienced a gradual decline in capital productivity. Notably, the agricultural sector recorded the lowest capital efficiency, stabilizing during the 12th Plan.

Table 6 Capital Productivity Classified by the National Economic and Social Development Plans

Sector	9 th Plan (2002-2006)	10 th Plan (2007-2011)	11 th Plan (2012-2016)	12 th Plan (2017-2022)	13 th Plan (2 years) (2023-2027)
Agriculture	0.42	0.35	0.31	0.29	0.29
Non-Agriculture	0.36	0.37	0.39	0.41	0.42
• Industrial	0.50	0.51	0.50	0.48	0.46
• Service	0.31	0.32	0.35	0.38	0.40
Total	0.37	0.37	0.38	0.39	0.40

Figure 8 Capital Productivity Classified by the National Economic and Social Development Plans



4.3 Total Factor Productivity: TFP

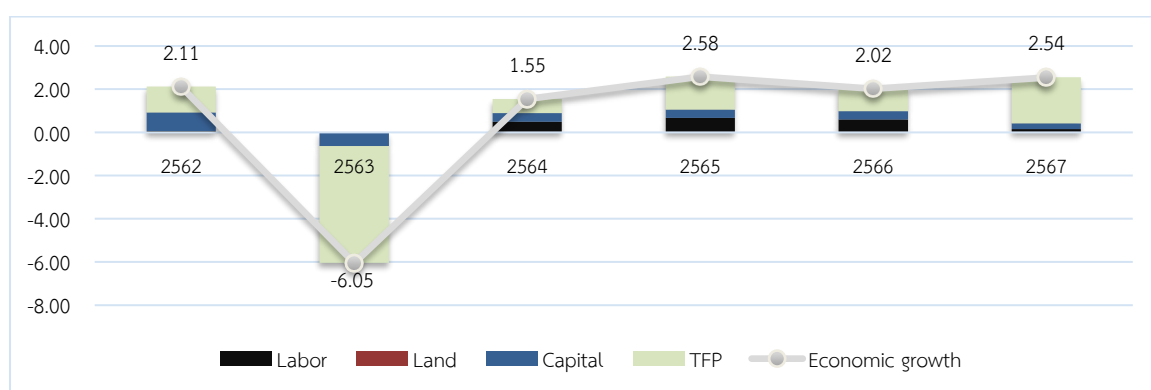
Total Factor Productivity (TFP) is a key indicator that reflects the efficiency of production and the creation of value that is not attributable to increases in individual factors of production such as labor, land, or capital. Instead, it arises from advances in technology, innovation, and effective management. A higher TFP indicates an increase in overall output and demonstrates an enhancement in Thailand's productive capacity and competitiveness.

Overview

- In 2024, the Thai economy expanded by 2.5%, accelerating from 2.0% in 2023. An analysis of the sources of growth shows that expansion was primarily driven by Total Factor Productivity (TFP), contributing 2.13%, while the capital factor contributed 0.26% and the labor factor 0.16%. In comparison, in 2023, TFP contributed 1.04%, capital

0.38%, and labor 0.60%, indicating that overall growth was mainly propelled by TFP, while the relative contributions of capital and labor declined. The service sector played a key role in this growth due to its high reliance on technology and effective management. Meanwhile, the accumulation of capital stock slowed, partly because of tighter credit policies aimed at addressing household debt, which led to reduced purchases of capital goods, particularly vehicles. Despite the slower accumulation of capital, the growth of the service sector, which heavily utilizes managerial and technological factors, sustained overall TFP growth and economic expansion in 2024.

Figure 9 Growth Rates and Sources of Economic Growth in Thailand



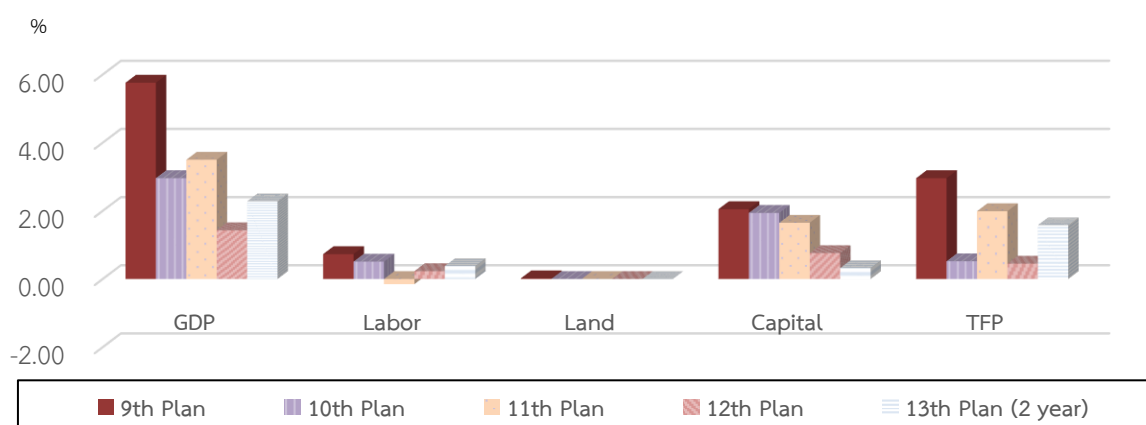
- During the period of the 9th to 13th National Economic and Social Development Plans, TFP recorded its highest average growth in the 9th Plan, at 2.96%. This was partly due to measures undertaken to restore the economy following the Tom Yum Kung crisis, including economic restructuring to achieve balance and sustainability, enhancing financial stability, strengthening the role of the capital market, and developing the quality of human resources, science, and technology in the production process.

Table 7 Growth Rate of GDP and Sources of Growth

Unit: Percentage (%)

	Average 9 th Plan	Average 10 th Plan	Average 11 th Plan	Average 12 th Plan	Average 13 th Plan (2 years)	12 th Plan						13 th Plan	
						2017	2018	2019	2020	2021	2022	2023	2024
GDP Growth	5.7	3.0	3.5	1.4	2.3	4.2	4.2	2.1	-6.1	1.6	2.6	2.0	2.5
Sources of Growth													
Labor	0.73	0.51	-0.15	0.23	0.38	-0.22	0.37	0.07	-0.03	0.49	0.67	0.60	0.16
Land	0.02	-0.00	0.00	0.00	0.00	-0.00	-0.00	0.00	-0.00	-0.00	-0.00	-0.00	-0.00
Capital	2.05	1.94	1.65	0.76	0.32	1.49	2.02	0.86	-0.60	0.40	0.39	0.38	0.26
TFP	2.96	0.52	1.99	0.45	1.58	2.92	1.83	1.19	-5.43	0.66	1.53	1.04	2.13

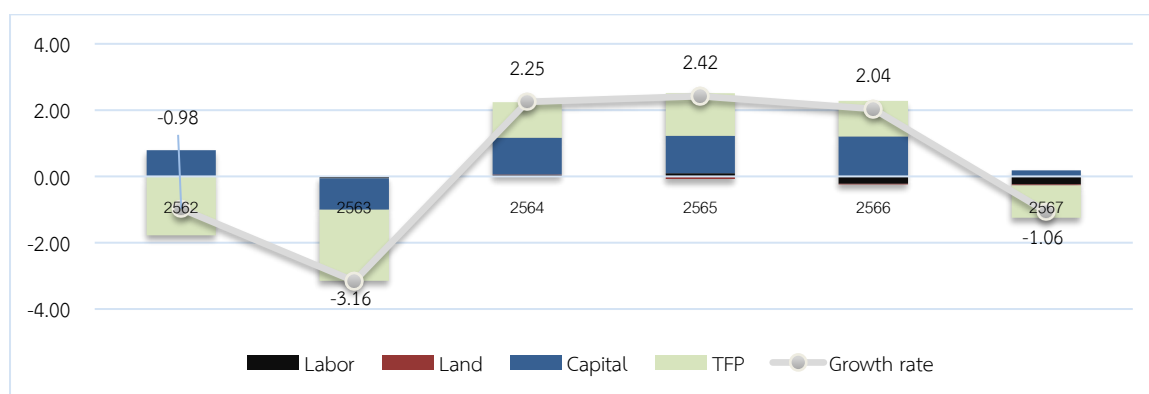
Figure 10 Sources of GDP Growth Classified by the National Economic and Social Development Plans



TFP by the kind of sector

- Agriculture:** In 2024, the agricultural sector contracted by 1.1%, down from a 2.0% expansion in 2023. Examining the sources of growth, the capital factor increased by 0.18%, TFP declined by 0.99%, labor decreased by 0.24%, and land declined by 0.02%. Although net capital stock accumulated in the sector, the reduction in labor and the lack of technological and management support to offset production resulted in an overall decline in agricultural output.

Figure 11 Growth Rates and Sources of Economic Growth in the Agricultural Sector



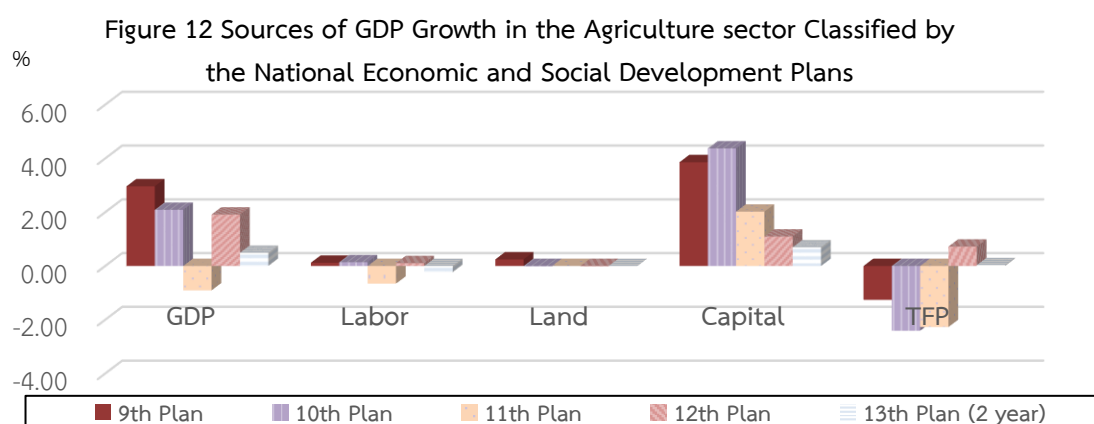
During the period of the 9th to 13th National Economic and Social Development Plans, the agricultural sector showed the lowest average growth compared to other sectors and experienced a continuous decline in labor, which negatively affected overall agricultural growth. Although investment in agriculture continued to rise, it did so at a slower pace, while the land factor used for agricultural purposes declined due to urban expansion and the impacts of climate change. Nevertheless, TFP in the agricultural sector increased during the 12th and 13th Plans after a continuous decline since the 5th Plan. This improvement was

partly driven by the successful implementation of policies aimed at enhancing agricultural efficiency, such as the promotion of technology and innovation.

Table 8 Growth Rate of GDP and Sources of Growth in the Agricultural Sector

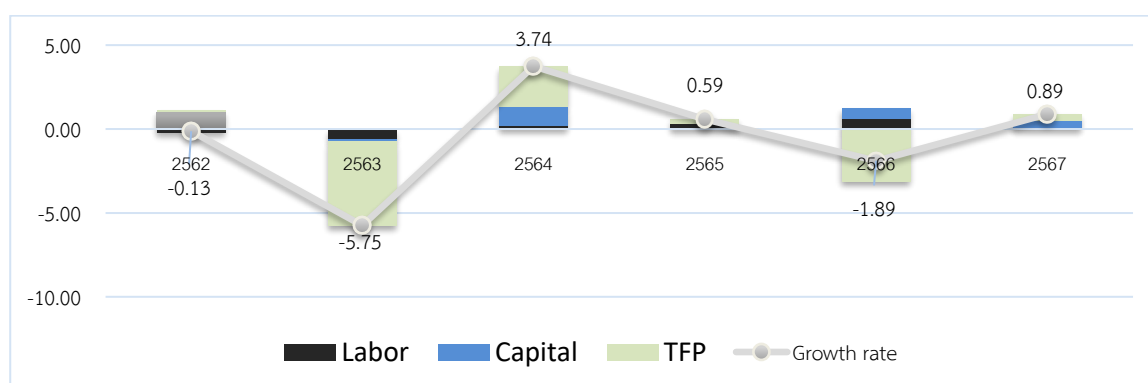
Unit: Percentage (%)

	Average 9 th Plan	Average 10 th Plan	Average 11 th Plan	Average 12 th Plan	Average 13 th Plan (2 years)	12 th Plan						13 th Plan	
						2017	2018	2019	2020	2021	2022	2023	2024
GDP Growth	3.0	2.1	-0.9	1.9	0.5	4.9	6.1	-1.0	-3.3	2.3	2.4	2.0	-1.1
Sources of Growth													
Labor	0.12	0.14	-0.66	0.11	-0.23	0.05	0.49	0.01	-0.06	0.04	0.10	-0.22	-0.24
Land	0.24	-0.01	0.00	-0.01	-0.01	-0.00	-0.00	0.00	-0.01	-0.03	-0.04	-0.00	-0.02
Capital	3.86	4.37	2.02	1.10	0.70	2.04	2.47	0.78	-0.95	1.11	1.13	1.21	0.18
TFP	-1.26	-2.41	-2.27	0.72	0.03	2.76	3.14	-1.78	-2.32	1.12	1.23	1.05	-0.99



- Industrial:** In 2024, the industrial sector grew by 0.9%, compared to a contraction of 1.9% in 2023. Considering the sources of growth, capital increased by 0.42%, TFP rose by 0.38%, and labor contributed 0.08%. The industrial sector's growth was driven by expansion across all production factors, particularly innovation, whereas in the previous year, TFP had contracted by 3.11%.

Figure 13 Growth Rates and Sources of Economic Growth in the Agricultural Sector



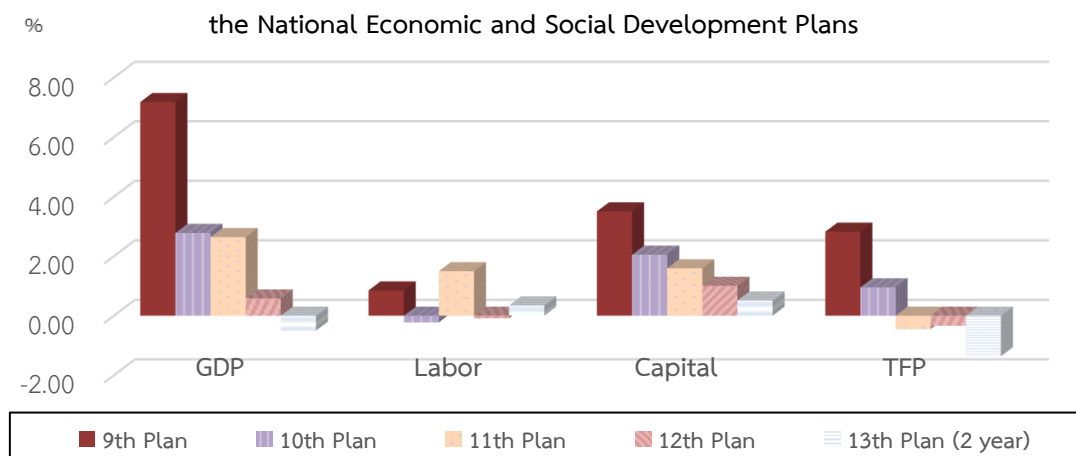
During the period of the 9th to 13th National Economic and Social Development Plans, the industrial sector showed a continuous decline in growth. In particular, TFP began to decrease in the 11th plan and continued to decline steadily. This was partly due to a reduction in capacity utilization, compounded by economic uncertainties, including the COVID-19 pandemic and international trade conflicts, which directly impacted Thailand's industrial development and production.

Table 9 Growth Rate of GDP and Sources of Growth in the Industrial Sector

Unit: Percentage (%)

	Average 9 th Plan	Average 10 th Plan	Average 11 th Plan	Average 12 th Plan	Average 13 th Plan (2 years)	12 th Plan						13 th Plan	
						2017	2018	2019	2020	2021	2022	2023	2024
GDP Growth	7.2	2.8	2.6	0.6	-0.5	2.1	2.9	-0.1	-5.8	3.7	0.6	-1.9	0.9
Sources of Growth													
Labor	0.85	-0.22	1.50	-0.09	0.35	-0.88	0.65	-0.22	-0.59	0.18	0.34	0.61	0.08
Capital	3.50	2.05	1.59	1.01	0.51	2.29	2.73	0.03	-0.16	1.15	-0.01	0.61	0.42
TFP	2.82	0.95	-0.45	-0.34	-1.36	0.72	-0.47	0.07	-5.03	2.41	0.26	-3.11	0.38

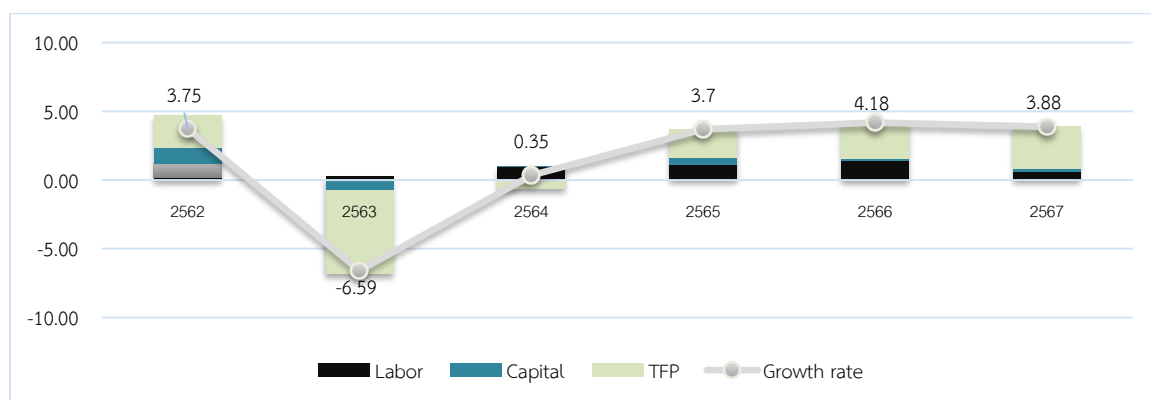
Figure 14 Sources of Growth in the Industrial sector Classified by the National Economic and Social Development Plans



- **Service**

In 2024, the service sector expanded by 3.9%, slowing down from 4.2% in 2023. Considering the sources of economic growth, the main contributors were TFP, which grew by 3.07%, labor, which increased by 0.61%, and capital, which rose by 0.20%. Compared to the previous year, when TFP grew by 2.63%, labor by 1.36%, and capital by 0.20%, the slowdown in 2024 was primarily driven by weaker growth in the labor factor.

Figure 15 Growth Rates and Sources of Economic Growth in the Agricultural Sector



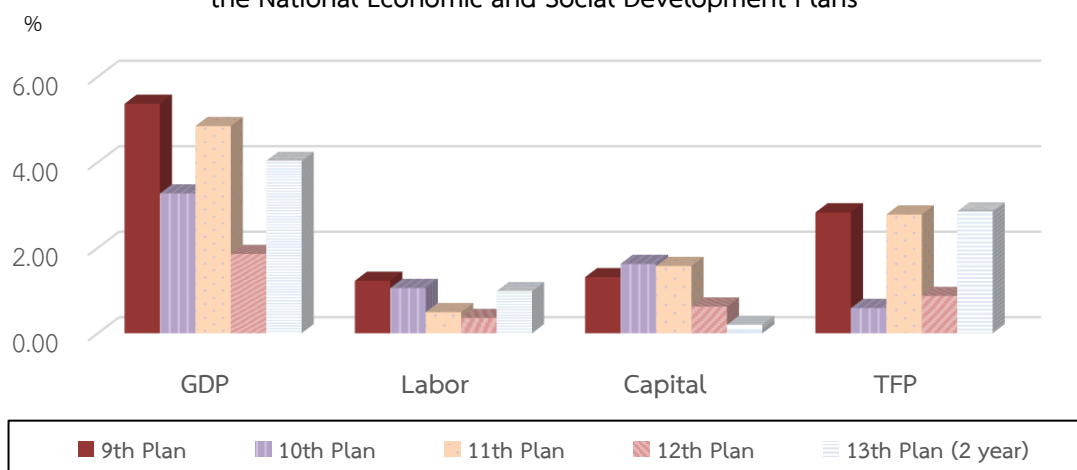
During the period of the 9th to 13th National Economic and Social Development Plans, the service sector recorded the highest average growth rate and employed the largest labor force compared to other sectors. TFP growth was lowest during the 12th plan, primarily due to the COVID-19 pandemic, which severely impacted tourism with a decline in both domestic and international travelers. However, TFP in the initial year of the 13th plan grew strongly, partly driven by government support for the tourism industry.

Table 10 Growth Rate of GDP and Sources of Growth in the Service Sector.

Unit: Percentage (%)

	Average 9 th Plan	Average 10 th Plan	Average 11 th Plan	Average 12 th Plan	Average 13 th Plan (2 years)	12 th Plan						13 th Plan	
						2017	2018	2019	2020	2021	2022	2023	2024
GDP Growth	5.4	3.3	4.8	1.9	4.0	5.3	4.7	3.8	-6.7	0.4	3.7	4.2	3.9
Sources of Growth													
Labor	1.23	1.06	0.49	0.36	0.98	-0.19	-0.20	0.21	0.24	0.94	1.15	1.36	0.61
Capital	1.31	1.62	1.57	0.62	0.20	1.12	1.68	1.17	-0.72	0.04	0.45	0.20	0.20
TFP	2.83	0.59	2.78	0.87	2.85	4.32	3.20	2.37	-6.17	-0.63	2.09	2.63	3.07

Figure 16 Sources of Growth in the Service sector Classified by the National Economic and Social Development Plans



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 and financial assets. However, it refers here to only fixed assets, defined as tangible assets produced within an economy that can be used repeatedly for more than one year. Newly produced assets can also replace them. Fixed assets consist of construction and equipment.

- **Gross Capital Stock (GCS)** is the sum of fixed assets accumulated over each asset's life as they are usually disposed of after a 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 equal to the value of fixed assets after accounting for depreciation due to wear and tear or obsolescence. In other words, it is the total accumulated capital stock minus the accumulated depreciation of those assets.

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

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

- **Depreciation** refers to the depletion of fixed assets. As fixed assets are used repeatedly in production, they become less productive, worn off, and downgraded as new technology emerges. Thus, depreciation should be deducted from fixed assets each year, by how much depending on the 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 the production process takes place when they can no longer provide production service.

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

$$ICOR = \frac{\Delta NCS_t}{\Delta GDP_t}$$

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

$$CP_{i,t} = \frac{GDP_{i,t}}{NCS_{i,t}}$$

- **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). TFP measures the amount of GDP growth contributed by the residual or technical progress.

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

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

$$\frac{dY_t}{Y_t} = \alpha \frac{dK_t}{K_t} + \beta \frac{dL_t}{L_t} + \delta \frac{dN_t}{N_t} + \frac{dA_t}{A_t}$$

$$\frac{dA_t}{A_t} = \frac{dY_t}{Y_t} - \alpha \frac{dK_t}{K_t} - \beta \frac{dL_t}{L_t} - \delta \frac{dN_t}{N_t}$$

$$TFP_t = \% \Delta Y_t - \% \Delta K_t - \% \Delta L_t - \% \Delta N_t$$

where

Y	=	Gross Domestic Product (GDP)
A	=	Constant Term
K	=	Capital Stock
L	=	Labor
N	=	Land
α	=	Income Share of Capital
β	=	Income Share of Labor
δ	=	Income Share of Land

2. Coverage

Capital stock encompasses all fixed assets employed in an economic system to produce goods and services, categorized by institution, such as the private sector, public sector, which includes central government, local municipalities, and state-owned enterprises.

3. Methodology

The Perpetual Inventory Method (PIM) is employed, a widely used indirect approach in many countries. This method utilizes basic data from the accumulation of fixed capital compiled under the System of National Accounts, ensuring that PIM-based estimates are consistent with other national income statistics. The core concept is to estimate the value of all fixed assets in a given year, which includes the initial capital stock from the first year, additions from subsequent investments, and deductions for assets retired from production. The total value of fixed assets at current prices, before accounting for wear and tear, is referred to as Gross Capital Stock.

In practice, all types of fixed assets deteriorate or become obsolete during use, leading to a decline in value each year. The annual reduction in asset value is known as depreciation. To determine the value of assets remaining in use at current prices, known as Net Capital Stock, accumulated depreciation is subtracted from the sum of all fixed assets. Alternatively, net capital stock can be calculated by adding the previous year's net capital stock to the current year's investment and then subtracting the annual depreciation.

(1) Gross Capital Stock

$$GCS_t = \sum_{i=1}^n \sum_{t=1}^L GFCF_{it} * (1-\gamma_{it})$$

GCS = Gross Capital Stock

GFCF = Gross Fixed Capital Formation

i = Type of Assets (i = 1,2,3,...,n)

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

L = Service Lifetime

γ = 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

STATISTICAL TABLES

<u>TABLE</u>
TABLE 1 GROSS CAPITAL STOCK OF THAILAND AT CURRENT REPLACEMENT COST
TABLE 2 GROSS CAPITAL STOCK OF THAILAND : CHAIN VOLUME MEASURES (reference year = 2002)
TABLE 3 GROSS CAPITAL STOCK OF PRIVATE SECTOR AT CURRENT REPLACEMENT COST
TABLE 4 GROSS CAPITAL STOCK OF PRIVATE SECTOR : CHAIN VOLUME MEASURES (reference year = 2002)
TABLE 5 GROSS CAPITAL STOCK OF PUBLIC SECTOR AT CURRENT REPLACEMENT COST
TABLE 6 GROSS CAPITAL STOCK OF PUBLIC SECTOR : CHAIN VOLUME MEASURES (reference year = 2002)
TABLE 7 NET CAPITAL STOCK OF THAILAND AT CURRENT REPLACEMENT COST
TABLE 8 NET CAPITAL STOCK OF THAILAND : CHAIN VOLUME MEASURES (reference year = 2002)
TABLE 9 NET CAPITAL STOCK OF PRIVATE SECTOR AT CURRENT REPLACEMENT COST
TABLE 10 NET CAPITAL STOCK OF PRIVATE SECTOR : CHAIN VOLUME MEASURES (reference year = 2002)
TABLE 11 NET CAPITAL STOCK OF PUBLIC SECTOR AT CURRENT REPLACEMENT COST
TABLE 12 NET CAPITAL STOCK OF PUBLIC SECTOR : CHAIN VOLUME MEASURES (reference year = 2002)
TABLE 13 ANNUAL DEPRECIATION OF THAILAND AT CURRENT REPLACEMENT COST
TABLE 14 ANNUAL DEPRECIATION OF THAILAND : CHAIN VOLUME MEASURES (reference year = 2002)
TABLE 15 ANNUAL DEPRECIATION OF PRIVATE SECTOR AT CURRENT REPLACEMENT COST
TABLE 16 ANNUAL DEPRECIATION OF PRIVATE SECTOR : CHAIN VOLUME MEASURES (reference year = 2002)
TABLE 17 ANNUAL DEPRECIATION OF PUBLIC SECTOR AT CURRENT REPLACEMENT COST
TABLE 18 ANNUAL DEPRECIATION OF PUBLIC SECTOR : CHAIN VOLUME MEASURES (reference year = 2002)
TABLE 19 Decomposition of Economic Growth by Factor Inputs

TABLE 1 GROSS CAPITAL STOCK OF THAILAND AT CURRENT REPLACEMENT COST

(Unit - Millions of Baht)

Sector	2015	2016	2017	2018	2019	2020	2021r	2022r	2023r	2024p
Agriculture	4,574,379	4,622,639	4,571,993	4,937,453	5,084,021	4,928,732	5,017,650	5,231,858	5,438,438	5,582,294
Agriculture, forestry and fishing	4,574,379	4,622,639	4,571,993	4,937,453	5,084,021	4,928,732	5,017,650	5,231,858	5,438,438	5,582,294
None Agriculture	52,095,986	52,608,866	54,528,399	56,155,855	57,091,801	56,582,973	58,445,944	60,792,300	62,490,440	63,786,848
Industrial	15,381,556	15,464,195	16,071,116	16,686,975	16,943,134	16,970,801	17,830,501	18,552,745	19,111,862	19,650,098
Mining and quarrying	776,146	778,178	821,059	894,106	931,624	953,487	973,097	984,617	1,012,303	1,025,601
Manufacturing	9,743,445	9,674,551	10,132,837	10,548,934	10,682,231	10,610,682	11,352,883	11,896,597	12,221,871	12,544,520
Electricity, gas, steam and air conditioning supply	4,430,479	4,569,212	4,649,651	4,758,603	4,837,080	4,910,343	4,999,464	5,161,880	5,363,706	5,549,988
Water supply; sewerage, waste management and remediation activities	431,487	442,254	467,569	485,333	492,199	496,289	505,056	509,652	513,982	529,988
Service	36,714,430	37,144,671	38,457,284	39,468,879	40,148,667	39,612,172	40,615,443	42,239,555	43,378,577	44,136,750
Construction	1,741,572	1,779,440	1,838,090	1,893,925	1,912,730	1,957,694	2,041,151	2,060,458	2,077,373	2,101,047
Wholesale and retail trade; repair of motor vehicles and motorcycles	4,144,586	4,187,887	4,497,457	4,680,054	4,777,696	4,599,162	4,721,346	4,867,904	4,989,776	5,065,578
Transportation and storage	10,428,050	10,466,529	11,258,691	11,715,075	11,703,861	11,508,893	11,494,639	12,261,610	12,720,544	12,988,113
Accommodation and food service activities	2,090,257	2,089,788	2,061,467	2,209,974	2,302,732	1,872,236	1,771,825	1,931,251	2,080,413	2,130,722
Information and communication	1,220,421	1,231,653	1,320,030	1,370,769	1,386,591	1,408,017	1,440,599	1,497,825	1,551,785	1,559,519
Financial and insurance activities	721,474	734,401	804,420	842,545	861,554	886,105	918,112	959,294	999,618	1,022,441
Real estate activities	10,676,397	10,931,436	10,689,160	10,542,400	10,790,644	10,920,752	11,528,699	11,799,746	11,998,947	12,196,425
Professional, scientific and technical activities	29,237	31,193	31,590	33,877	34,865	35,121	35,655	36,791	37,333	38,251
Administrative and support service activities	44,773	45,956	48,544	51,270	52,400	51,828	52,523	53,779	55,014	55,816
Public administration and defence; compulsory social security	904,021	916,886	1,012,383	1,067,275	1,110,208	1,126,232	1,178,376	1,196,660	1,211,882	1,233,007
Education	1,118,229	1,141,558	1,211,336	1,261,461	1,303,937	1,326,743	1,344,332	1,375,271	1,395,928	1,418,412
Human health and social work activities	2,301,088	2,286,436	2,348,179	2,376,545	2,418,052	2,503,414	2,647,926	2,729,447	2,772,337	2,822,984
Arts, entertainment and recreation	35,715	35,462	35,293	36,978	37,759	37,342	38,019	39,004	39,772	40,891
Other service activities	1,258,611	1,266,046	1,300,644	1,386,732	1,455,637	1,378,632	1,402,243	1,430,516	1,447,854	1,463,545
Activities of households as employers	0.0	0.0	0.0	0	0	0	0	0	0	0
TOTAL	56,670,365.5	57,231,504.6	59,100,392.9	61,093,308	62,175,822	61,511,705	63,463,594	66,024,158	67,928,877	69,369,141

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

(Unit - Percent)

Sector	2015	2016r	2017r	2018	2019	2020	2021r	2022r	2023r	2024p
Agriculture	4.1	1.1	-1.1	8.0	3.0	-3.1	1.8	4.3	3.9	2.6
Agriculture, forestry and fishing	4.1	1.1	-1.1	8.0	3.0	-3.1	1.8	4.3	3.9	2.6
None Agriculture	3.5	1.0	3.6	3.0	1.7	-0.9	3.3	4.0	2.8	2.1
Industrial	3.7	0.5	3.9	3.8	1.5	0.2	5.1	4.1	3.0	2.8
Mining and quarrying	3.4	0.3	5.5	8.9	4.2	2.3	2.1	1.2	2.8	1.3
Manufacturing	4.0	-0.7	4.7	4.1	1.3	-0.7	7.0	4.8	2.7	2.6
Electricity, gas, steam and air conditioning supply	3.4	3.1	1.8	2.3	1.6	1.5	1.8	3.2	3.9	3.5
Water supply; sewerage, waste management and remediation activities	2.6	2.5	5.7	3.8	1.4	0.8	1.8	0.9	0.8	3.1
Service	3.3	1.2	3.5	2.6	1.7	-1.3	2.5	4.0	2.7	1.7
Construction	6.3	2.2	3.3	3.0	1.0	2.4	4.3	0.9	0.8	1.1
Wholesale and retail trade; repair of motor vehicles and motorcycles	4.2	1.0	7.4	4.1	2.1	-3.7	2.7	3.1	2.5	1.5
Transportation and storage	5.6	0.4	7.6	4.1	-0.1	-1.7	-0.1	6.7	3.7	2.1
Accommodation and food service activities	3.8	-0.0	-1.4	7.2	4.2	-18.7	-5.4	9.0	7.7	2.4
Information and communication	9.9	0.9	7.2	3.8	1.2	1.5	2.3	4.0	3.6	0.5
Financial and insurance activities	4.2	1.8	9.5	4.7	2.3	2.8	3.6	4.5	4.2	2.3
Real estate activities	-0.4	2.4	-2.2	-1.4	2.4	1.2	5.6	2.4	1.7	1.6
Professional, scientific and technical activities	8.0	6.7	1.3	7.2	2.9	0.7	1.5	3.2	1.5	2.5
Administrative and support service activities	9.2	2.6	5.6	5.6	2.2	-1.1	1.3	2.4	2.3	1.5
Public administration and defence; compulsory social security	5.2	1.4	10.4	5.4	4.0	1.4	4.6	1.6	1.3	1.7
Education	2.9	2.1	6.1	4.1	3.4	1.7	1.3	2.3	1.5	1.6
Human health and social work activities	4.7	-0.6	2.7	1.2	1.7	3.5	5.8	3.1	1.6	1.8
Arts, entertainment and recreation	3.2	-0.7	-0.5	4.8	2.1	-1.1	1.8	2.6	2.0	2.8
Other service activities	0.5	0.6	2.7	6.6	5.0	-5.3	1.7	2.0	1.2	1.1
Activities of households as employers	-	-	-	-	-	-	-	-	-	-
TOTAL	3.5	1.0	3.3	3.4	1.8	-1.1	3.2	4.0	2.9	2.1

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

(Unit - Millions of Baht)

Sector	2015	2016	2017	2018	2019	2020	2021r	2022r	2023r	2024p
Agriculture	3,444,035	3,622,272	3,728,091	3,896,338	4,000,122	3,885,517	3,924,450	4,002,125	4,113,216	4,184,908
Agriculture, forestry and fishing	3,444,035	3,622,272	3,728,091	3,896,338	4,000,122	3,885,517	3,924,450	4,002,125	4,113,216	4,184,908
None Agriculture	36,360,986	37,297,107	38,031,779	39,064,120	39,584,239	39,223,954	40,185,918	40,940,948	41,562,401	41,871,981
Industrial	10,749,061	10,962,976	11,471,160	11,779,663	11,948,740	11,981,435	12,497,843	12,752,928	13,007,421	13,152,238
Mining and quarrying	710,534	690,106	717,930	738,266	761,441	777,367	791,465	792,023	811,241	820,238
Manufacturing	6,896,637	7,073,131	7,414,159	7,685,386	7,798,849	7,765,613	8,270,660	8,523,294	8,711,139	8,776,365
Electricity, gas, steam and air conditioning supply	2,845,169	2,892,393	3,012,475	3,032,896	3,064,747	3,107,573	3,120,661	3,135,712	3,191,936	3,256,046
Water supply; sewerage, waste management and remediation activities	282,238	285,858	304,802	309,206	312,858	315,914	318,078	313,257	308,093	309,478
Service	25,568,349	26,289,216	26,515,303	27,237,813	27,588,509	27,199,581	27,650,187	28,150,003	28,518,243	28,684,363
Construction	1,250,842	1,369,669	1,367,249	1,410,920	1,430,654	1,463,943	1,513,765	1,504,005	1,499,272	1,509,307
Wholesale and retail trade; repair of motor vehicles and motorcycles	2,532,220	2,603,182	2,659,463	2,728,732	2,793,156	2,692,119	2,728,396	2,758,959	2,804,788	2,823,097
Transportation and storage	7,842,375	7,865,369	8,276,722	8,509,849	8,360,495	8,163,067	8,141,692	8,480,893	8,717,672	8,763,474
Accommodation and food service activities	1,496,585	1,565,465	1,530,178	1,557,947	1,632,467	1,372,911	1,292,311	1,372,368	1,442,982	1,469,105
Information and communication	744,011	763,000	824,533	843,082	854,184	866,843	874,771	890,826	910,669	913,246
Financial and insurance activities	403,236	408,296	428,946	437,639	446,706	460,124	470,071	480,826	496,629	506,516
Real estate activities	7,547,799	7,549,418	7,190,222	7,402,237	7,541,278	7,604,736	7,930,710	7,936,758	7,881,705	7,880,683
Professional, scientific and technical activities	20,809	21,605	21,854	22,618	23,504	23,856	23,849	24,207	24,255	24,404
Administrative and support service activities	32,118	32,819	34,623	35,857	37,429	37,578	37,740	37,908	38,609	39,168
Public administration and defence; compulsory social security	635,001	658,544	693,063	711,697	738,657	748,869	771,980	770,068	775,420	783,889
Education	729,181	776,635	818,583	844,124	874,468	893,496	895,631	901,851	908,171	921,821
Human health and social work activities	1,353,848	1,541,641	1,552,589	1,581,006	1,602,237	1,633,613	1,706,835	1,725,444	1,739,499	1,759,085
Arts, entertainment and recreation	22,821	23,967	23,018	24,034	25,768	25,644	25,950	26,190	26,636	27,341
Other service activities	823,076	924,368	915,578	946,523	1,024,080	1,007,179	1,019,415	1,028,977	1,037,252	1,045,464
Activities of households as employers	0	0	0	0	0	0	0	0	0	0
TOTAL	39,785,070.3	40,892,865.5	41,729,795.7	42,920,577	43,538,253	43,072,386	44,078,670	44,910,338	45,636,808	46,013,205

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

(Unit - Percent)

Sector	2015	2016	2017	2018	2019	2020	2021r	2022r	2023r	2024p
Agriculture	4.8	5.2	2.9	4.5	2.7	-2.9	1.0	2.0	2.8	1.7
Agriculture, forestry and fishing	4.8	5.2	2.9	4.5	2.7	-2.9	1.0	2.0	2.8	1.7
None Agriculture	1.6	2.6	2.0	2.7	1.3	-0.9	2.5	1.9	1.5	0.7
Industrial	2.4	2.0	4.6	2.7	1.4	0.3	4.3	2.0	2.0	1.1
Mining and quarrying	-0.2	-2.9	4.0	2.8	3.1	2.1	1.8	0.1	2.4	1.1
Manufacturing	2.7	2.6	4.8	3.7	1.5	-0.4	6.5	3.1	2.2	0.7
Electricity, gas, steam and air conditioning supply	2.2	1.7	4.2	0.7	1.1	1.4	0.4	0.5	1.8	2.0
Water supply; sewerage, waste management and remediation activities	1.7	1.3	6.6	1.4	1.2	1.0	0.7	-1.5	-1.6	0.4
Service	1.3	2.8	0.9	2.7	1.3	-1.4	1.7	1.8	1.3	0.6
Construction	10.0	9.5	-0.2	3.2	1.4	2.3	3.4	-0.6	-0.3	0.7
Wholesale and retail trade; repair of motor vehicles and motorcycles	5.2	2.8	2.2	2.6	2.4	-3.6	1.3	1.1	1.7	0.7
Transportation and storage	3.4	0.3	5.2	2.8	-1.8	-2.4	-0.3	4.2	2.8	0.5
Accommodation and food service activities	6.4	4.6	-2.3	1.8	4.8	-15.9	-5.9	6.2	5.1	1.8
Information and communication	7.0	2.6	8.1	2.2	1.3	1.5	0.9	1.8	2.2	0.3
Financial and insurance activities	-1.3	1.3	5.1	2.0	2.1	3.0	2.2	2.3	3.3	2.0
Real estate activities	-6.8	0.0	-4.8	2.9	1.9	0.8	4.3	0.1	-0.7	-0.0
Professional, scientific and technical activities	1.1	3.8	1.2	3.5	3.9	1.5	-0.0	1.5	0.2	0.6
Administrative and support service activities	4.1	2.2	5.5	3.6	4.4	0.4	0.4	0.4	1.8	1.4
Public administration and defence; compulsory social security	-2.0	3.7	5.2	2.7	3.8	1.4	3.1	-0.2	0.7	1.1
Education	2.8	6.5	5.4	3.1	3.6	2.2	0.2	0.7	0.7	1.5
Human health and social work activities	10.9	13.9	0.7	1.8	1.3	2.0	4.5	1.1	0.8	1.1
Arts, entertainment and recreation	5.8	5.0	-4.0	4.4	7.2	-0.5	1.2	0.9	1.7	2.6
Other service activities	2.8	12.3	-1.0	3.4	8.2	-1.7	1.2	0.9	0.8	0.8
Activities of households as employers	-	-	-	-	-	-	-	-	-	-
TOTAL	1.9	2.8	2.0	2.9	1.4	-1.1	2.3	1.9	1.6	0.8

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

(Unit - Millions of Baht)

Sector	2015	2016	2017	2018	2019	2020	2021r	2022r	2023r	2024p
Agriculture	2,074,161	2,206,016	2,473,083	2,671,261	2,752,489	2,469,295	2,478,719	2,621,161	2,762,726	2,831,473
Agriculture, forestry and fishing	2,074,161	2,206,016	2,473,083	2,671,261	2,752,489	2,469,295	2,478,719	2,621,161	2,762,726	2,831,473
None Agriculture	36,609,223	36,748,433	38,674,147	39,911,250	40,886,243	40,033,923	41,341,570	43,216,845	44,554,030	45,389,583
Industrial	11,425,044	11,384,730	11,995,327	12,612,476	12,898,351	12,759,575	13,509,746	14,127,454	14,580,903	14,957,843
Mining and quarrying	651,062	653,483	695,470	757,343	779,806	797,154	807,671	816,779	840,758	850,154
Manufacturing	9,208,140	9,144,289	9,613,225	10,124,023	10,358,773	10,257,558	10,966,885	11,505,199	11,822,215	12,130,451
Electricity, gas, steam and air conditioning supply	1,423,154	1,440,709	1,527,336	1,570,615	1,597,005	1,550,672	1,580,896	1,647,739	1,759,365	1,813,120
Water supply; sewerage, waste management and remediation activities	142,688	146,249	159,296	160,495	162,765	154,192	154,295	157,737	158,563	164,118
Service	25,184,179	25,363,703	26,678,820	27,298,774	27,987,892	27,274,348	27,831,823	29,089,391	29,973,128	30,431,740
Construction	873,224	924,401	991,631	1,043,837	1,092,456	982,665	982,998	1,003,752	1,016,147	1,025,431
Wholesale and retail trade; repair of motor vehicles and motorcycles	4,106,994	4,150,698	4,459,858	4,640,929	4,747,310	4,570,187	4,691,129	4,836,944	4,958,540	5,034,187
Transportation and storage	4,469,462	4,383,487	4,993,117	5,195,519	5,307,584	5,225,037	5,195,577	5,695,395	5,985,016	6,086,892
Accommodation and food service activities	1,374,574	1,385,467	1,381,101	1,502,694	1,565,766	1,218,077	1,141,055	1,284,398	1,418,967	1,450,306
Information and communication	719,743	772,702	840,727	873,043	883,549	882,827	888,706	938,987	983,832	988,366
Financial and insurance activities	588,181	605,683	673,018	704,916	721,164	736,353	758,957	796,838	836,230	856,593
Real estate activities	9,723,315	10,006,418	9,899,338	9,773,964	9,993,324	10,026,343	10,486,505	10,750,867	10,939,800	11,097,223
Professional, scientific and technical activities	19,225	20,512	21,089	22,277	22,926	23,095	23,410	24,192	24,587	25,277
Administrative and support service activities	11,440	12,579	13,252	13,996	14,305	13,112	13,283	13,552	13,869	14,048
Public administration and defence; compulsory social security	0	0	0	0	0	0	0	0	0	0
Education	746,541	787,378	878,170	914,509	945,302	949,019	949,770	970,886	984,073	997,189
Human health and social work activities	1,574,657	1,408,673	1,504,971	1,523,151	1,550,576	1,579,004	1,627,680	1,675,635	1,699,193	1,732,894
Arts, entertainment and recreation	17,281	13,535	15,655	16,402	16,749	16,527	16,864	17,691	18,080	18,606
Other service activities	959,540	892,170	1,006,894	1,073,538	1,126,882	1,052,103	1,055,889	1,080,254	1,094,795	1,104,731
Activities of households as employers	0	0	0	0	0	0	0	0	0	0
TOTAL	38,683,384.0	38,954,448.5	41,147,229.5	42,582,511	43,638,731	42,503,218	43,820,289	45,838,006	47,316,757	48,221,056

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

(Unit - Percent)

Sector	2015	2016	2017	2018	2019	2020	2021r	2022r	2023r	2024p
Agriculture	4.1	6.4	12.1	8.0	3.0	-10.3	0.4	5.7	5.4	2.5
Agriculture, forestry and fishing	4.1	6.4	12.1	8.0	3.0	-10.3	0.4	5.7	5.4	2.5
None Agriculture	3.0	0.4	5.2	3.2	2.4	-2.1	3.3	4.5	3.1	1.9
Industrial	4.3	-0.4	5.4	5.1	2.3	-1.1	5.9	4.6	3.2	2.6
Mining and quarrying	3.5	0.4	6.4	8.9	3.0	2.2	1.3	1.1	2.9	1.1
Manufacturing	3.9	-0.7	5.1	5.3	2.3	-1.0	6.9	4.9	2.8	2.6
Electricity, gas, steam and air conditioning supply	8.0	1.2	6.0	2.8	1.7	-2.9	1.9	4.2	6.8	3.1
Water supply; sewerage, waste management and remediation activities	2.6	2.5	8.9	0.8	1.4	-5.3	0.1	2.2	0.5	3.5
Service	2.4	0.7	5.2	2.3	2.5	-2.5	2.0	4.5	3.0	1.5
Construction	4.9	5.9	7.3	5.3	4.7	-10.0	0.0	2.1	1.2	0.9
Wholesale and retail trade; repair of motor vehicles and motorcycles	4.2	1.1	7.4	4.1	2.3	-3.7	2.6	3.1	2.5	1.5
Transportation and storage	3.8	-1.9	13.9	4.1	2.2	-1.6	-0.6	9.6	5.1	1.7
Accommodation and food service activities	4.2	0.8	-0.3	8.8	4.2	-22.2	-6.3	12.6	10.5	2.2
Information and communication	9.4	7.4	8.8	3.8	1.2	-0.1	0.7	5.7	4.8	0.5
Financial and insurance activities	4.1	3.0	11.1	4.7	2.3	2.1	3.1	5.0	4.9	2.4
Real estate activities	-0.4	2.9	-1.1	-1.3	2.2	0.3	4.6	2.5	1.8	1.4
Professional, scientific and technical activities	8.0	6.7	2.8	5.6	2.9	0.7	1.4	3.3	1.6	2.8
Administrative and support service activities	26.0	10.0	5.4	5.6	2.2	-8.3	1.3	2.0	2.3	1.3
Public administration and defence; compulsory social security	-	-	-	-	-	-	-	-	-	-
Education	3.1	5.5	11.5	4.1	3.4	0.4	0.1	2.2	1.4	1.3
Human health and social work activities	6.0	-10.5	6.8	1.2	1.8	1.8	3.1	2.9	1.4	2.0
Arts, entertainment and recreation	-10.3	-21.7	15.7	4.8	2.1	-1.3	2.0	4.9	2.2	2.9
Other service activities	1.0	-7.0	12.9	6.6	5.0	-6.6	0.4	2.3	1.3	0.9
Activities of households as employers	-	-	-	-	-	-	-	-	-	-
TOTAL	3.1	0.7	5.6	3.5	2.5	-2.6	3.1	4.6	3.2	1.9

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

(Unit - Millions of Baht)

Sector	2015	2016	2017	2018	2019	2020	2021r	2022r	2023r	2024p
Agriculture	1,561,628	1,728,620	2,016,598	2,107,996	2,165,665	1,946,643	1,938,677	2,005,063	2,089,512	2,122,684
Agriculture, forestry and fishing	1,561,628	1,728,620	2,016,598	2,107,996	2,165,665	1,946,643	1,938,677	2,005,063	2,089,512	2,122,684
None Agriculture	25,481,333	25,981,319	26,857,804	27,750,081	28,377,510	27,797,990	28,468,120	29,168,594	29,702,000	29,853,789
Industrial	8,130,837	8,285,804	8,755,854	9,122,423	9,332,133	9,247,357	9,736,277	10,003,168	10,250,639	10,336,276
Mining and quarrying	596,025	579,524	608,116	625,341	637,357	649,910	656,916	657,014	673,767	679,921
Manufacturing	6,517,735	6,685,452	7,033,960	7,375,817	7,562,698	7,507,171	7,989,455	8,242,875	8,426,282	8,486,672
Electricity, gas, steam and air conditioning supply	913,920	911,992	989,547	1,001,029	1,011,851	981,360	986,791	1,000,957	1,046,993	1,063,711
Water supply; sewerage, waste management and remediation activities	93,333	94,530	103,843	102,251	103,459	98,151	97,172	96,952	95,046	95,833
Service	17,308,122	17,652,153	18,065,460	18,595,429	19,012,621	18,525,009	18,722,310	19,157,478	19,447,779	19,516,475
Construction	627,174	711,532	737,620	777,632	817,122	734,830	729,018	732,680	733,373	736,632
Wholesale and retail trade; repair of motor vehicles and motorcycles	2,509,252	2,580,065	2,637,229	2,705,919	2,775,391	2,675,159	2,710,935	2,741,413	2,787,231	2,805,604
Transportation and storage	3,361,244	3,294,097	3,670,645	3,774,035	3,791,403	3,706,035	3,680,047	3,939,292	4,101,667	4,107,013
Accommodation and food service activities	984,167	1,037,854	1,025,156	1,059,340	1,110,011	893,215	832,247	912,706	984,199	999,966
Information and communication	438,779	478,682	525,144	536,958	544,294	543,510	539,646	558,459	577,365	578,782
Financial and insurance activities	328,734	336,730	358,874	366,147	373,911	382,359	388,580	399,394	415,451	424,351
Real estate activities	6,874,007	6,910,586	6,658,936	6,862,688	6,984,053	6,981,908	7,213,774	7,231,259	7,185,986	7,170,435
Professional, scientific and technical activities	13,683	14,207	14,589	14,873	15,455	15,686	15,658	15,917	15,973	16,126
Administrative and support service activities	8,205	8,982	9,450	9,787	10,216	9,505	9,543	9,551	9,732	9,857
Public administration and defence; compulsory social security	0	0	0	0	0	0	0	0	0	0
Education	486,810	535,678	593,442	611,959	633,957	639,120	632,766	636,673	640,226	648,072
Human health and social work activities	926,453	949,806	995,071	1,013,283	1,027,435	1,030,385	1,049,191	1,059,267	1,066,156	1,079,817
Arts, entertainment and recreation	11,039	9,145	10,207	10,657	11,426	11,345	11,506	11,874	12,103	12,436
Other service activities	627,498	651,394	708,796	732,752	792,793	768,630	767,621	777,034	784,320	789,151
Activities of households as employers	0	0	0	0	0	0	0	0	0	0
TOTAL	27,038,357.7	27,695,478.5	28,838,169.0	29,817,212	30,500,259	29,722,116	30,389,939	31,154,268	31,766,441	31,948,747

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

(Unit - Percent)

Sector	2015	2016	2017	2018	2019	2020	2021r	2022r	2023r	2024p
Agriculture	4.8	10.7	16.7	4.5	2.7	-10.1	-0.4	3.4	4.2	1.6
Agriculture, forestry and fishing	4.8	10.7	16.7	4.5	2.7	-10.1	-0.4	3.4	4.2	1.6
None Agriculture	1.0	2.0	3.4	3.3	2.3	-2.0	2.4	2.5	1.8	0.5
Industrial	2.9	1.9	5.7	4.2	2.3	-0.9	5.3	2.7	2.5	0.8
Mining and quarrying	-0.0	-2.8	4.9	2.8	1.9	2.0	1.1	0.0	2.5	0.9
Manufacturing	2.6	2.6	5.2	4.9	2.5	-0.7	6.4	3.2	2.2	0.7
Electricity, gas, steam and air conditioning supply	6.8	-0.2	8.5	1.2	1.1	-3.0	0.6	1.4	4.6	1.6
Water supply; sewerage, waste management and remediation activities	1.7	1.3	9.9	-1.5	1.2	-5.1	-1.0	-0.2	-2.0	0.8
Service	0.2	2.0	2.3	2.9	2.2	-2.6	1.1	2.3	1.5	0.4
Construction	8.6	13.5	3.7	5.4	5.1	-10.1	-0.8	0.5	0.1	0.4
Wholesale and retail trade; repair of motor vehicles and motorcycles	5.2	2.8	2.2	2.6	2.6	-3.6	1.3	1.1	1.7	0.7
Transportation and storage	1.7	-2.0	11.4	2.8	0.5	-2.3	-0.7	7.0	4.1	0.1
Accommodation and food service activities	6.8	5.5	-1.2	3.3	4.8	-19.5	-6.8	9.7	7.8	1.6
Information and communication	6.5	9.1	9.7	2.2	1.4	-0.1	-0.7	3.5	3.4	0.2
Financial and insurance activities	-1.4	2.4	6.6	2.0	2.1	2.3	1.6	2.8	4.0	2.1
Real estate activities	-6.8	0.5	-3.6	3.1	1.8	-0.0	3.3	0.2	-0.6	-0.2
Professional, scientific and technical activities	1.1	3.8	2.7	1.9	3.9	1.5	-0.2	1.7	0.4	1.0
Administrative and support service activities	20.1	9.5	5.2	3.6	4.4	-7.0	0.4	0.1	1.9	1.3
Public administration and defence; compulsory social security	-	-	-	-	-	-	-	-	-	-
Education	3.0	10.0	10.8	3.1	3.6	0.8	-1.0	0.6	0.6	1.2
Human health and social work activities	12.2	2.5	4.8	1.8	1.4	0.3	1.8	1.0	0.7	1.3
Arts, entertainment and recreation	-8.0	-17.2	11.6	4.4	7.2	-0.7	1.4	3.2	1.9	2.8
Other service activities	3.3	3.8	8.8	3.4	8.2	-3.0	-0.1	1.2	0.9	0.6
Activities of households as employers	-	-	-	-	-	-	-	-	-	-
TOTAL	1.2	2.4	4.1	3.4	2.3	-2.6	2.2	2.5	2.0	0.6

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

(Unit - Millions of Baht)

Sector	2015	2016	2017	2018	2019	2020	2021r	2022r	2023r	2024p
Agriculture	2,500,218	2,416,623	2,098,911	2,266,192	2,331,532	2,459,438	2,538,931	2,610,697	2,675,711	2,750,820
Agriculture, forestry and fishing	2,500,218	2,416,623	2,098,911	2,266,192	2,331,532	2,459,438	2,538,931	2,610,697	2,675,711	2,750,820
None Agriculture	15,486,763	15,860,433	15,854,253	16,244,605	16,205,559	16,549,050	17,104,374	17,575,455	17,936,409	18,397,265
Industrial	3,956,511	4,079,465	4,075,789	4,074,500	4,044,784	4,211,225	4,320,754	4,425,291	4,530,959	4,692,255
Mining and quarrying	125,084	124,695	125,589	136,762	151,817	156,334	165,427	167,838	171,545	175,446
Manufacturing	535,305	530,262	519,612	424,911	323,458	353,123	385,998	391,398	399,655	414,070
Electricity, gas, steam and air conditioning supply	3,007,325	3,128,503	3,122,315	3,187,988	3,240,074	3,359,671	3,418,569	3,514,140	3,604,341	3,736,868
Water supply; sewerage, waste management and remediation activities	288,798	296,005	308,273	324,838	329,434	342,097	350,761	351,915	355,418	365,870
Service	11,530,252	11,780,968	11,778,464	12,170,105	12,160,775	12,337,824	12,783,620	13,150,164	13,405,450	13,705,010
Construction	868,348	855,039	846,459	850,088	820,274	975,030	1,058,153	1,056,706	1,061,226	1,075,616
Wholesale and retail trade; repair of motor vehicles and motorcycles	37,591	37,188	37,599	39,125	30,386	28,975	30,217	30,960	31,236	31,391
Transportation and storage	5,958,588	6,083,042	6,265,574	6,519,556	6,396,277	6,283,856	6,299,062	6,566,215	6,735,528	6,901,221
Accommodation and food service activities	715,683	704,321	680,367	707,280	736,966	654,159	630,770	646,853	661,447	680,416
Information and communication	500,678	458,951	479,303	497,726	503,041	525,190	551,894	558,839	567,953	571,154
Financial and insurance activities	133,292	128,718	131,402	137,630	140,390	149,752	159,155	162,456	163,388	165,848
Real estate activities	953,082	925,018	789,822	768,436	797,321	894,410	1,042,194	1,048,879	1,059,147	1,099,203
Professional, scientific and technical activities	10,012	10,681	10,502	11,601	11,939	12,027	12,245	12,598	12,747	12,974
Administrative and support service activities	33,333	33,377	35,292	37,274	38,095	38,716	39,240	40,227	41,146	41,769
Public administration and defence; compulsory social security	904,021	916,886	1,012,383	1,067,275	1,110,208	1,126,232	1,178,376	1,196,660	1,211,882	1,233,007
Education	371,688	354,180	333,166	346,952	358,635	377,724	394,561	404,385	411,854	421,223
Human health and social work activities	726,430	877,763	843,207	853,394	867,476	924,411	1,020,246	1,053,812	1,073,144	1,090,089
Arts, entertainment and recreation	18,434	21,927	19,637	20,575	21,010	20,815	21,154	21,313	21,692	22,285
Other service activities	299,071	373,876	293,750	313,193	328,756	326,529	346,354	350,262	353,059	358,814
Activities of households as employers	0	0	0	0	0	0	0	0	0	0
TOTAL	17,986,981.5	18,277,056.0	17,953,163.3	18,510,797	18,537,091	19,008,487	19,643,305	20,186,152	20,612,120	21,148,085

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

(Unit - Percent)

Sector	2015	2016	2017	2018	2019	2020	2021r	2022r	2023r	2024p
Agriculture	4.0	-3.3	-13.1	8.0	2.9	5.5	3.2	2.8	2.5	2.8
Agriculture, forestry and fishing	4.0	-3.3	-13.1	8.0	2.9	5.5	3.2	2.8	2.5	2.8
None Agriculture	4.5	2.4	-0.0	2.5	-0.2	2.1	3.4	2.8	2.1	2.6
Industrial	2.0	3.1	-0.1	-0.0	-0.7	4.1	2.6	2.4	2.4	3.6
Mining and quarrying	2.6	-0.3	0.7	8.9	11.0	3.0	5.8	1.5	2.2	2.3
Manufacturing	5.5	-0.9	-2.0	-18.2	-23.9	9.2	9.3	1.4	2.1	3.6
Electricity, gas, steam and air conditioning supply	1.3	4.0	-0.2	2.1	1.6	3.7	1.8	2.8	2.6	3.7
Water supply; sewerage, waste management and remediation activities	2.6	2.5	4.1	5.4	1.4	3.8	2.5	0.3	1.0	2.9
Service	5.4	2.2	-0.0	3.3	-0.1	1.5	3.6	2.9	1.9	2.2
Construction	7.8	-1.5	-1.0	0.4	-3.5	18.9	8.5	-0.1	0.4	1.4
Wholesale and retail trade; repair of motor vehicles and motorcycles	4.5	-1.1	1.1	4.1	-22.3	-4.6	4.3	2.5	0.9	0.5
Transportation and storage	6.9	2.1	3.0	4.1	-1.9	-1.8	0.2	4.2	2.6	2.5
Accommodation and food service activities	3.1	-1.6	-3.4	4.0	4.2	-11.2	-3.6	2.5	2.3	2.9
Information and communication	10.6	-8.3	4.4	3.8	1.1	4.4	5.1	1.3	1.6	0.6
Financial and insurance activities	4.3	-3.4	2.1	4.7	2.0	6.7	6.3	2.1	0.6	1.5
Real estate activities	-0.3	-2.9	-14.6	-2.7	3.8	12.2	16.5	0.6	1.0	3.8
Professional, scientific and technical activities	8.0	6.7	-1.7	10.5	2.9	0.7	1.8	2.9	1.2	1.8
Administrative and support service activities	4.4	0.1	5.7	5.6	2.2	1.6	1.4	2.5	2.3	1.5
Public administration and defence; compulsory social security	5.2	1.4	10.4	5.4	4.0	1.4	4.6	1.6	1.3	1.7
Education	2.4	-4.7	-5.9	4.1	3.4	5.3	4.5	2.5	1.8	2.3
Human health and social work activities	2.1	20.8	-3.9	1.2	1.7	6.6	10.4	3.3	1.8	1.6
Arts, entertainment and recreation	20.0	18.9	-10.4	4.8	2.1	-0.9	1.6	0.7	1.8	2.7
Other service activities	-1.2	25.0	-21.4	6.6	5.0	-0.7	6.1	1.1	0.8	1.6
Activities of households as employers	-	-	-	-	-	-	-	-	-	-
TOTAL	4.5	1.6	-1.8	3.1	0.1	2.5	3.3	2.8	2.1	2.6

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

(Unit - Millions of Baht)

Sector	2015	2016	2017	2018	2019	2020	2021r	2022r	2023r	2024p
Agriculture	1,882,408	1,893,653	1,711,494	1,788,343	1,834,458	1,938,875	1,985,774	1,997,063	2,023,705	2,062,225
Agriculture, forestry and fishing	1,882,408	1,893,653	1,711,494	1,788,343	1,834,458	1,938,875	1,985,774	1,997,063	2,023,705	2,062,225
None Agriculture	10,848,375	11,284,704	11,139,959	11,277,176	11,169,777	11,387,125	11,677,902	11,733,119	11,821,558	11,978,271
Industrial	2,609,773	2,668,052	2,714,477	2,667,871	2,634,852	2,741,381	2,778,380	2,774,263	2,787,258	2,843,217
Mining and quarrying	114,510	110,583	109,815	112,926	124,085	127,458	134,550	135,009	137,474	140,317
Manufacturing	378,902	387,679	380,199	309,568	236,150	258,441	281,204	280,418	284,856	289,692
Electricity, gas, steam and air conditioning supply	1,931,247	1,980,399	2,022,926	2,031,865	2,052,894	2,126,212	2,133,869	2,134,754	2,144,942	2,192,334
Water supply; sewerage, waste management and remediation activities	188,906	191,329	200,961	206,956	209,400	217,764	220,906	216,305	213,047	213,645
Service	8,248,166	8,630,545	8,429,509	8,619,350	8,545,496	8,652,170	8,908,664	8,969,486	9,045,707	9,144,770
Construction	623,671	658,141	629,633	633,293	613,538	729,119	784,753	771,331	765,905	772,681
Wholesale and retail trade; repair of motor vehicles and motorcycles	22,968	23,117	22,234	22,813	17,765	17,462	17,547	17,547	17,558	17,495
Transportation and storage	4,481,133	4,571,273	4,606,078	4,735,816	4,569,094	4,457,034	4,461,647	4,541,603	4,616,007	4,656,463
Accommodation and food service activities	512,418	527,611	505,022	498,607	522,457	479,697	460,064	459,662	458,783	469,140
Information and communication	305,230	284,316	299,387	306,122	309,889	323,332	335,124	332,367	333,305	334,464
Financial and insurance activities	74,497	71,561	70,067	71,487	72,789	77,759	81,486	81,427	81,173	82,160
Real estate activities	673,794	638,834	531,287	539,551	557,227	622,830	716,939	705,501	695,721	710,250
Professional, scientific and technical activities	7,125	7,398	7,265	7,745	8,048	8,169	8,191	8,290	8,282	8,278
Administrative and support service activities	23,908	23,833	25,168	26,065	27,208	28,068	28,192	28,352	28,873	29,307
Public administration and defence; compulsory social security	635,001	658,544	693,063	711,697	738,657	748,869	771,980	770,068	775,420	783,889
Education	242,372	240,958	225,142	232,167	240,513	254,378	262,867	265,180	267,946	273,751
Human health and social work activities	427,397	591,837	557,520	567,724	574,803	603,228	657,643	666,176	673,342	679,266
Arts, entertainment and recreation	11,780	14,820	12,808	13,373	14,338	14,295	14,440	14,311	14,528	14,901
Other service activities	195,578	272,973	206,782	213,771	231,287	238,549	251,794	251,944	252,933	256,313
Activities of households as employers	0	0	0	0	0	0	0	0	0	0
TOTAL	12,723,123.8	13,174,290.1	12,860,087.5	13,067,482	12,999,522	13,313,725	13,651,379	13,717,615	13,831,307	14,025,036

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

(Unit - Percent)

Sector	2015	2016	2017	2018	2019	2020	2021r	2022r	2023r	2024p
Agriculture	4.8	0.6	-9.6	4.5	2.6	5.7	2.4	0.6	1.3	1.9
Agriculture, forestry and fishing	4.8	0.6	-9.6	4.5	2.6	5.7	2.4	0.6	1.3	1.9
None Agriculture	3.0	4.0	-1.3	1.2	-1.0	1.9	2.6	0.5	0.8	1.3
Industrial	0.8	2.2	1.7	-1.7	-1.2	4.0	1.3	-0.1	0.5	2.0
Mining and quarrying	-0.9	-3.4	-0.7	2.8	9.9	2.7	5.6	0.3	1.8	2.1
Manufacturing	4.2	2.3	-1.9	-18.6	-23.7	9.4	8.8	-0.3	1.6	1.7
Electricity, gas, steam and air conditioning supply	0.2	2.5	2.1	0.4	1.0	3.6	0.4	0.0	0.5	2.2
Water supply; sewerage, waste management and remediation activities	1.7	1.3	5.0	3.0	1.2	4.0	1.4	-2.1	-1.5	0.3
Service	3.9	4.6	-2.3	2.3	-0.9	1.2	3.0	0.7	0.8	1.1
Construction	11.5	5.5	-4.3	0.6	-3.1	18.8	7.6	-1.7	-0.7	0.9
Wholesale and retail trade; repair of motor vehicles and motorcycles	5.5	0.6	-3.8	2.6	-22.1	-4.5	3.0	0.5	0.1	-0.4
Transportation and storage	4.7	2.0	0.8	2.8	-3.5	-2.5	0.1	1.8	1.6	0.9
Accommodation and food service activities	5.7	3.0	-4.3	-1.3	4.8	-8.2	-4.1	-0.1	-0.2	2.3
Information and communication	7.7	-6.9	5.3	2.2	1.2	4.3	3.6	-0.8	0.3	0.3
Financial and insurance activities	-1.2	-3.9	-2.1	2.0	1.8	6.8	4.8	-0.1	-0.3	1.2
Real estate activities	-6.7	-5.2	-16.8	1.6	3.3	11.8	15.1	-1.6	-1.4	2.1
Professional, scientific and technical activities	1.1	3.8	-1.8	6.6	3.9	1.5	0.3	1.2	-0.1	-0.0
Administrative and support service activities	-0.5	-0.3	5.6	3.6	4.4	3.2	0.4	0.6	1.8	1.5
Public administration and defence; compulsory social security	-2.0	3.7	5.2	2.7	3.8	1.4	3.1	-0.2	0.7	1.1
Education	2.3	-0.6	-6.6	3.1	3.6	5.8	3.3	0.9	1.0	2.2
Human health and social work activities	8.1	38.5	-5.8	1.8	1.2	4.9	9.0	1.3	1.1	0.9
Arts, entertainment and recreation	23.1	25.8	-13.6	4.4	7.2	-0.3	1.0	-0.9	1.5	2.6
Other service activities	1.1	39.6	-24.2	3.4	8.2	3.1	5.6	0.1	0.4	1.3
Activities of households as employers	-	-	-	-	-	-	-	-	-	-
TOTAL	3.3	3.5	-2.4	1.6	-0.5	2.4	2.5	0.5	0.8	1.4

TABLE 7 NET CAPITAL STOCK OF THAILAND AT CURRENT REPLACEMENT COST

(Unit - Millions of Baht)

Sector	2015	2016	2017	2018	2019	2020	2021r	2022r	2023r	2024p
Agriculture	2,849,773	2,833,022	2,768,015	2,974,634	3,033,192	2,947,371	2,998,248	3,113,276	3,204,868	3,249,430
Agriculture, forestry and fishing	2,849,773	2,833,022	2,768,015	2,974,634	3,033,192	2,947,371	2,998,248	3,113,276	3,204,868	3,249,430
None Agriculture	32,980,284	33,269,347	34,313,147	35,291,242	35,783,097	35,515,101	35,985,741	36,911,265	37,550,178	38,177,768
Industrial	9,314,184	9,465,753	9,874,878	10,335,662	10,422,230	10,410,381	10,655,809	10,863,113	11,063,941	11,289,303
Mining and quarrying	524,036	541,333	582,859	651,304	656,145	659,297	667,324	673,888	688,755	696,477
Manufacturing	5,964,506	6,032,752	6,342,875	6,660,171	6,698,477	6,668,621	6,881,998	7,021,337	7,117,896	7,249,564
Electricity, gas, steam and air conditioning supply	2,604,394	2,659,760	2,699,346	2,761,150	2,800,679	2,811,600	2,834,579	2,895,503	2,982,242	3,055,716
Water supply; sewerage, waste management and remediation activities	221,249	231,908	249,797	263,037	266,928	270,863	271,907	272,385	275,048	287,547
Service	23,666,100	23,803,595	24,438,269	24,955,580	25,360,868	25,104,720	25,329,931	26,048,151	26,486,237	26,888,465
Construction	1,116,306	1,171,843	1,196,062	1,270,358	1,305,233	1,321,709	1,350,575	1,356,984	1,370,016	1,380,750
Wholesale and retail trade; repair of motor vehicles and motorcycles	2,432,955	2,429,222	2,585,968	2,678,410	2,710,935	2,626,159	2,665,535	2,723,305	2,767,778	2,799,848
Transportation and storage	6,709,383	6,624,069	7,108,062	7,305,826	7,273,137	7,127,001	7,065,596	7,436,612	7,622,872	7,760,325
Accommodation and food service activities	1,235,867	1,264,687	1,235,332	1,336,309	1,403,678	1,267,068	1,248,431	1,330,408	1,397,189	1,402,842
Information and communication	708,234	691,888	729,760	745,115	752,848	782,579	795,297	818,154	835,561	844,988
Financial and insurance activities	439,883	441,526	481,029	502,445	511,961	530,260	541,731	561,017	576,215	587,108
Real estate activities	7,459,345	7,572,007	7,346,167	7,228,129	7,347,506	7,355,980	7,487,509	7,571,462	7,619,265	7,763,736
Professional, scientific and technical activities	18,425	19,322	19,164	20,300	20,772	20,286	20,382	20,985	21,425	21,947
Administrative and support service activities	27,720	28,108	29,979	32,343	32,676	29,984	30,181	30,801	31,335	31,751
Public administration and defence; compulsory social security	552,832	537,165	584,212	601,584	615,187	630,011	646,296	656,499	665,906	675,944
Education	705,199	725,201	765,562	802,294	863,293	873,374	881,182	897,363	908,652	925,643
Human health and social work activities	1,416,074	1,428,475	1,469,723	1,497,157	1,542,088	1,608,183	1,658,635	1,689,400	1,704,959	1,721,206
Arts, entertainment and recreation	22,425	22,237	21,802	24,676	24,981	23,475	23,627	24,165	24,564	24,679
Other service activities	821,452	847,845	865,448	910,632	956,573	908,652	914,954	930,996	940,501	947,698
Activities of households as employers	0	0	0	0	0	0	0	0	0	0
TOTAL	35,830,057.3	36,102,369.1	37,081,162.6	38,265,876	38,816,290	38,462,472	38,983,988	40,024,541	40,755,046	41,427,198

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

(Unit - Percent)

Sector	2015	2016	2017	2018	2019	2020	2021r	2022r	2023r	2024p
Agriculture	3.2	-0.6	-2.3	7.5	2.0	-2.8	1.7	3.8	2.9	1.4
Agriculture, forestry and fishing	3.2	-0.6	-2.3	7.5	2.0	-2.8	1.7	3.8	2.9	1.4
None Agriculture	2.8	0.9	3.1	2.9	1.4	-0.7	1.3	2.6	1.7	1.7
Industrial	3.3	1.6	4.3	4.7	0.8	-0.1	2.4	1.9	1.8	2.0
Mining and quarrying	3.5	3.3	7.7	11.7	0.7	0.5	1.2	1.0	2.2	1.1
Manufacturing	3.0	1.1	5.1	5.0	0.6	-0.4	3.2	2.0	1.4	1.8
Electricity, gas, steam and air conditioning supply	4.2	2.1	1.5	2.3	1.4	0.4	0.8	2.1	3.0	2.5
Water supply; sewerage, waste management and remediation activities	1.6	4.8	7.7	5.3	1.5	1.5	0.4	0.2	1.0	4.5
Service	2.5	0.6	2.7	2.1	1.6	-1.0	0.9	2.8	1.7	1.5
Construction	5.4	5.0	2.1	6.2	2.7	1.3	2.2	0.5	1.0	0.8
Wholesale and retail trade; repair of motor vehicles and motorcycles	2.7	-0.2	6.5	3.6	1.2	-3.1	1.5	2.2	1.6	1.2
Transportation and storage	4.2	-1.3	7.3	2.8	-0.4	-2.0	-0.9	5.3	2.5	1.8
Accommodation and food service activities	4.0	2.3	-2.3	8.2	5.0	-9.7	-1.5	6.6	5.0	0.4
Information and communication	8.3	-2.3	5.5	2.1	1.0	3.9	1.6	2.9	2.1	1.1
Financial and insurance activities	3.3	0.4	8.9	4.5	1.9	3.6	2.2	3.6	2.7	1.9
Real estate activities	-0.4	1.5	-3.0	-1.6	1.7	0.1	1.8	1.1	0.6	1.9
Professional, scientific and technical activities	7.0	4.9	-0.8	5.9	2.3	-2.3	0.5	3.0	2.1	2.4
Administrative and support service activities	10.6	1.4	6.7	7.9	1.0	-8.2	0.7	2.1	1.7	1.3
Public administration and defence; compulsory social security	3.9	-2.8	8.8	3.0	2.3	2.4	2.6	1.6	1.4	1.5
Education	2.7	2.8	5.6	4.8	7.6	1.2	0.9	1.8	1.3	1.9
Human health and social work activities	4.2	0.9	2.9	1.9	3.0	4.3	3.1	1.9	0.9	1.0
Arts, entertainment and recreation	3.6	-0.8	-2.0	13.2	1.2	-6.0	0.6	2.3	1.6	0.5
Other service activities	0.5	3.2	2.1	5.2	5.0	-5.0	0.7	1.8	1.0	0.8
Activities of households as employers	-	-	-	-	-	-	-	-	-	-
TOTAL	2.8	0.8	2.7	3.2	1.4	-0.9	1.4	2.7	1.8	1.6

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

(Unit - Millions of Baht)

Sector	2015	2016	2017	2018	2019	2020	2021r	2022r	2023r	2024p
Agriculture	2,060,838	2,142,999	2,192,830	2,261,670	2,284,280	2,256,496	2,288,427	2,321,298	2,357,039	2,362,601
Agriculture, forestry and fishing	2,060,838	2,142,999	2,192,830	2,261,670	2,284,280	2,256,496	2,288,427	2,321,298	2,357,039	2,362,601
None Agriculture	22,643,724	23,299,735	23,755,779	24,493,526	24,825,021	24,600,406	24,735,517	24,863,955	24,986,665	25,088,524
Industrial	6,458,989	6,670,825	6,881,973	7,162,671	7,165,559	7,148,404	7,270,655	7,269,695	7,335,708	7,381,710
Mining and quarrying	448,659	445,383	461,334	472,690	474,427	474,550	479,355	480,557	490,353	494,877
Manufacturing	3,970,544	4,148,922	4,277,856	4,499,998	4,497,759	4,471,593	4,596,214	4,607,571	4,644,895	4,657,633
Electricity, gas, steam and air conditioning supply	1,837,263	1,860,742	1,917,633	1,953,973	1,956,898	1,966,280	1,957,681	1,948,074	1,969,753	1,995,211
Water supply; sewerage, waste management and remediation activities	184,042	190,752	200,154	206,480	207,228	207,553	205,872	201,196	198,098	201,673
Service	16,163,514	16,607,447	16,852,728	17,309,825	17,638,232	17,430,411	17,442,228	17,571,865	17,628,210	17,683,913
Construction	775,121	856,972	868,814	890,837	911,034	922,070	934,035	922,816	921,451	923,761
Wholesale and retail trade; repair of motor vehicles and motorcycles	1,586,417	1,612,072	1,633,350	1,689,669	1,720,557	1,636,132	1,640,050	1,644,316	1,658,227	1,666,083
Transportation and storage	4,722,352	4,659,761	4,894,251	4,919,230	4,882,277	4,700,324	4,655,940	4,782,714	4,858,574	4,885,745
Accommodation and food service activities	851,397	912,339	897,015	907,371	949,329	855,017	837,236	869,311	891,762	892,288
Information and communication	446,231	474,485	519,212	524,303	528,345	529,049	530,528	534,877	540,485	545,594
Financial and insurance activities	306,001	319,436	333,408	339,144	347,473	364,555	370,596	370,257	378,257	384,634
Real estate activities	5,071,539	5,165,084	5,052,763	5,343,613	5,474,288	5,598,359	5,631,175	5,579,381	5,483,962	5,463,186
Professional, scientific and technical activities	13,113	13,431	13,431	13,856	13,996	13,620	13,495	13,601	13,710	13,786
Administrative and support service activities	20,911	21,117	22,424	23,734	25,698	25,994	25,905	25,911	26,240	26,561
Public administration and defence; compulsory social security	337,793	336,566	348,979	345,105	358,597	377,333	381,638	380,354	383,527	386,574
Education	408,550	437,261	462,680	476,255	514,377	513,558	512,216	513,401	517,074	526,098
Human health and social work activities	841,941	913,864	922,809	931,067	950,377	964,760	983,989	986,496	987,074	992,085
Arts, entertainment and recreation	18,887	19,777	18,869	20,400	20,704	20,067	20,090	20,270	20,580	20,646
Other service activities	622,783	714,666	710,173	727,624	785,080	774,342	775,519	780,808	785,569	789,376
Activities of households as employers	0	0	0	0	0	0	0	0	0	0
TOTAL	24,693,971.9	25,430,782.4	25,935,881.1	26,741,986	27,096,558	26,844,795	27,010,047	27,169,348	27,325,546	27,433,251

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

(Unit - Percent)

Sector	2015	2016	2017	2018	2019	2020	2021r	2022r	2023r	2024p
Agriculture	0.2	4.0	2.3	3.1	1.0	-1.2	1.4	1.4	1.5	0.2
Agriculture, forestry and fishing	0.2	4.0	2.3	3.1	1.0	-1.2	1.4	1.4	1.5	0.2
None Agriculture	1.9	2.9	2.0	3.1	1.4	-0.9	0.5	0.5	0.5	0.4
Industrial	0.7	3.3	3.2	4.1	0.0	-0.2	1.7	-0.0	0.9	0.6
Mining and quarrying	1.0	-0.7	3.6	2.5	0.4	0.0	1.0	0.3	2.0	0.9
Manufacturing	1.7	4.5	3.1	5.2	-0.0	-0.6	2.8	0.2	0.8	0.3
Electricity, gas, steam and air conditioning supply	-1.7	1.3	3.1	1.9	0.1	0.5	-0.4	-0.5	1.1	1.3
Water supply; sewerage, waste management and remediation activities	0.8	3.6	4.9	3.2	0.4	0.2	-0.8	-2.3	-1.5	1.8
Service	2.3	2.7	1.5	2.7	1.9	-1.2	0.1	0.7	0.3	0.3
Construction	9.1	10.6	1.4	2.5	2.3	1.2	1.3	-1.2	-0.1	0.3
Wholesale and retail trade; repair of motor vehicles and motorcycles	3.7	1.6	1.3	3.4	1.8	-4.9	0.2	0.3	0.8	0.5
Transportation and storage	2.1	-1.3	5.0	0.5	-0.8	-3.7	-0.9	2.7	1.6	0.6
Accommodation and food service activities	6.6	7.2	-1.7	1.2	4.6	-9.9	-2.1	3.8	2.6	0.1
Information and communication	5.5	6.3	9.4	1.0	0.8	0.1	0.3	0.8	1.0	0.9
Financial and insurance activities	-2.2	4.4	4.4	1.7	2.5	4.2	0.7	1.7	2.1	1.7
Real estate activities	-0.6	1.8	-2.2	5.8	2.4	2.3	0.6	-0.9	-1.7	-0.4
Professional, scientific and technical activities	0.1	2.4	0.0	3.2	1.0	-2.7	-0.9	0.8	0.8	0.6
Administrative and support service activities	5.4	1.0	6.2	5.8	8.3	1.2	-0.3	0.0	1.3	1.2
Public administration and defence; compulsory social security	-3.2	-0.4	3.7	-1.1	3.9	5.2	1.1	-0.3	0.8	0.8
Education	2.7	7.0	5.8	2.9	8.0	-0.2	-0.3	0.2	0.7	1.7
Human health and social work activities	10.3	8.5	1.0	0.9	2.1	1.5	2.0	0.3	0.1	0.5
Arts, entertainment and recreation	6.2	4.7	-4.6	8.1	1.5	-3.1	0.1	0.9	1.5	0.3
Other service activities	2.7	14.8	-0.6	2.5	7.9	-1.4	0.2	0.7	0.6	0.5
Activities of households as employers	-	-	-	-	-	-	-	-	-	-
TOTAL	1.7	3.0	2.0	3.1	1.3	-0.9	0.6	0.6	0.6	0.4

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

(Unit - Millions of Baht)

Sector	2015	2016	2017	2018	2019	2020	2021r	2022r	2023r	2024p
Agriculture	1,292,173	1,351,975	1,497,275	1,609,337	1,642,170	1,476,633	1,481,134	1,559,751	1,628,073	1,648,189
Agriculture, forestry and fishing	1,292,173	1,351,975	1,497,275	1,609,337	1,642,170	1,476,633	1,481,134	1,559,751	1,628,073	1,648,189
None Agriculture	23,310,991	23,437,218	24,540,895	25,322,247	25,851,490	25,351,666	25,589,479	26,347,559	26,868,744	27,270,869
Industrial	6,986,143	7,072,020	7,483,113	7,941,903	8,057,807	7,969,937	8,181,288	8,357,937	8,520,246	8,674,915
Mining and quarrying	439,582	454,590	493,705	551,681	549,220	551,199	553,879	559,017	572,038	577,333
Manufacturing	5,636,816	5,702,097	6,017,613	6,391,899	6,495,647	6,446,689	6,648,010	6,790,335	6,885,141	7,010,270
Electricity, gas, steam and air conditioning supply	836,581	838,643	886,692	911,340	924,670	887,895	896,331	924,282	978,214	998,269
Water supply; sewerage, waste management and remediation activities	73,165	76,690	85,103	86,984	88,270	84,154	83,068	84,303	84,852	89,043
Service	16,324,847	16,365,198	17,057,782	17,380,343	17,793,683	17,381,729	17,408,191	17,989,622	18,348,498	18,595,954
Construction	559,716	608,761	645,263	700,158	745,484	663,432	650,423	661,055	670,143	673,885
Wholesale and retail trade; repair of motor vehicles and motorcycles	2,410,888	2,407,650	2,564,349	2,656,019	2,693,694	2,609,614	2,648,476	2,705,985	2,750,452	2,782,497
Transportation and storage	2,875,642	2,774,226	3,152,354	3,240,061	3,298,295	3,235,658	3,193,649	3,454,232	3,586,561	3,636,884
Accommodation and food service activities	812,718	838,449	827,623	908,637	954,445	824,355	803,990	884,801	952,967	954,864
Information and communication	417,681	434,070	464,784	474,564	479,722	490,677	490,619	512,901	529,746	535,522
Financial and insurance activities	358,615	364,140	402,453	420,371	428,537	440,646	447,822	466,009	482,032	491,875
Real estate activities	6,793,449	6,931,264	6,803,358	6,701,271	6,804,599	6,753,525	6,810,638	6,898,435	6,946,712	7,064,029
Professional, scientific and technical activities	12,116	12,706	12,794	13,349	13,659	13,339	13,382	13,799	14,110	14,503
Administrative and support service activities	7,083	7,694	8,184	8,829	8,920	7,586	7,633	7,762	7,899	7,991
Public administration and defence; compulsory social security	0	0	0	0	0	0	0	0	0	0
Education	470,798	500,200	555,002	581,631	625,853	624,725	622,555	633,503	640,563	650,757
Human health and social work activities	969,034	880,084	941,960	959,543	988,864	1,014,345	1,019,563	1,037,140	1,044,987	1,056,565
Arts, entertainment and recreation	10,850	8,487	9,671	10,946	11,081	10,389	10,480	10,961	11,166	11,229
Other service activities	626,259	597,468	669,987	704,966	740,531	693,438	688,960	703,041	711,160	715,353
Activities of households as employers	0	0	0	0	0	0	0	0	0	0
TOTAL	24,603,163.3	24,789,192.4	26,038,170.0	26,931,583	27,493,660	26,828,299	27,070,613	27,907,310	28,496,817	28,919,058

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

(Unit - Percent)

Sector	2015	2016	2017	2018	2019	2020	2021r	2022r	2023r	2024p
Agriculture	3.2	4.6	10.7	7.5	2.0	-10.1	0.3	5.3	4.4	1.2
Agriculture, forestry and fishing	3.2	4.6	10.7	7.5	2.0	-10.1	0.3	5.3	4.4	1.2
None Agriculture	2.3	0.5	4.7	3.2	2.1	-1.9	0.9	3.0	2.0	1.5
Industrial	3.6	1.2	5.8	6.1	1.5	-1.1	2.7	2.2	1.9	1.8
Mining and quarrying	3.6	3.4	8.6	11.7	-0.4	0.4	0.5	0.9	2.3	0.9
Manufacturing	2.9	1.2	5.5	6.2	1.6	-0.8	3.1	2.1	1.4	1.8
Electricity, gas, steam and air conditioning supply	8.8	0.2	5.7	2.8	1.5	-4.0	1.0	3.1	5.8	2.1
Water supply; sewerage, waste management and remediation activities	1.6	4.8	11.0	2.2	1.5	-4.7	-1.3	1.5	0.7	4.9
Service	1.7	0.2	4.2	1.9	2.4	-2.3	0.2	3.3	2.0	1.3
Construction	4.1	8.8	6.0	8.5	6.5	-11.0	-2.0	1.6	1.4	0.6
Wholesale and retail trade; repair of motor vehicles and motorcycles	2.7	-0.1	6.5	3.6	1.4	-3.1	1.5	2.2	1.6	1.2
Transportation and storage	2.5	-3.5	13.6	2.8	1.8	-1.9	-1.3	8.2	3.8	1.4
Accommodation and food service activities	4.4	3.2	-1.3	9.8	5.0	-13.6	-2.5	10.1	7.7	0.2
Information and communication	7.8	3.9	7.1	2.1	1.1	2.3	-0.0	4.5	3.3	1.1
Financial and insurance activities	3.3	1.5	10.5	4.5	1.9	2.8	1.6	4.1	3.4	2.0
Real estate activities	-0.4	2.0	-1.8	-1.5	1.5	-0.8	0.8	1.3	0.7	1.7
Professional, scientific and technical activities	7.0	4.9	0.7	4.3	2.3	-2.3	0.3	3.1	2.3	2.8
Administrative and support service activities	27.6	8.6	6.4	7.9	1.0	-15.0	0.6	1.7	1.8	1.2
Public administration and defence; compulsory social security	-	-	-	-	-	-	-	-	-	-
Education	3.0	6.2	11.0	4.8	7.6	-0.2	-0.3	1.8	1.1	1.6
Human health and social work activities	5.5	-9.2	7.0	1.9	3.1	2.6	0.5	1.7	0.8	1.1
Arts, entertainment and recreation	-9.9	-21.8	13.9	13.2	1.2	-6.2	0.9	4.6	1.9	0.6
Other service activities	1.0	-4.6	12.1	5.2	5.0	-6.4	-0.6	2.0	1.2	0.6
Activities of households as employers	-	-	-	-	-	-	-	-	-	-
TOTAL	2.3	0.8	5.0	3.4	2.1	-2.4	0.9	3.1	2.1	1.5

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

(Unit - Millions of Baht)

Sector	2015	2016	2017	2018	2019	2020	2021r	2022r	2023r	2024p
Agriculture	934,445	1,022,681	1,186,145	1,223,608	1,236,708	1,130,504	1,130,483	1,162,970	1,197,376	1,198,368
Agriculture, forestry and fishing	934,445	1,022,681	1,186,145	1,223,608	1,236,708	1,130,504	1,130,483	1,162,970	1,197,376	1,198,368
None Agriculture	15,934,153	16,366,528	16,934,812	17,645,585	18,022,893	17,676,963	17,702,153	17,875,258	18,006,347	18,033,999
Industrial	4,786,987	4,957,660	5,159,199	5,448,268	5,490,004	5,422,231	5,538,905	5,558,090	5,626,578	5,647,277
Mining and quarrying	376,352	374,013	390,766	400,385	397,112	396,741	397,863	398,639	407,256	410,218
Manufacturing	3,752,404	3,921,521	4,058,489	4,318,740	4,361,569	4,322,781	4,439,945	4,455,984	4,493,009	4,503,896
Electricity, gas, steam and air conditioning supply	590,163	586,706	629,911	644,924	646,087	620,945	619,044	621,851	646,105	651,814
Water supply; sewerage, waste management and remediation activities	60,861	63,080	68,191	68,281	68,528	64,484	62,893	62,269	61,112	62,450
Service	11,126,646	11,388,007	11,754,244	12,175,088	12,511,764	12,232,808	12,137,540	12,292,253	12,353,909	12,360,586
Construction	388,645	445,188	468,716	490,984	520,336	462,832	449,821	449,549	450,727	450,847
Wholesale and retail trade; repair of motor vehicles and motorcycles	1,572,031	1,597,760	1,619,698	1,675,546	1,709,617	1,625,827	1,629,556	1,633,861	1,647,849	1,655,761
Transportation and storage	2,024,000	1,951,554	2,170,551	2,181,629	2,214,063	2,133,946	2,104,484	2,221,522	2,285,958	2,289,708
Accommodation and food service activities	559,890	604,856	600,967	616,979	645,509	556,277	539,183	578,147	608,238	607,351
Information and communication	263,166	297,679	330,688	333,931	336,669	331,716	327,285	335,317	342,670	345,780
Financial and insurance activities	249,468	263,449	278,947	283,746	290,853	300,766	301,359	307,835	316,430	322,242
Real estate activities	4,618,804	4,728,016	4,679,416	4,954,119	5,069,795	5,139,855	5,122,118	5,083,431	4,999,894	4,970,818
Professional, scientific and technical activities	8,621	8,830	8,964	9,109	9,201	8,954	8,859	8,942	9,027	9,108
Administrative and support service activities	5,343	5,780	6,121	6,479	7,015	6,576	6,551	6,529	6,615	6,685
Public administration and defence; compulsory social security	0	0	0	0	0	0	0	0	0	0
Education	272,752	301,596	335,424	345,265	372,902	367,347	361,879	362,439	364,515	369,862
Human health and social work activities	576,151	563,034	591,440	596,732	609,431	608,514	604,859	605,620	604,988	608,994
Arts, entertainment and recreation	9,138	7,548	8,369	9,048	9,183	8,880	8,910	9,192	9,353	9,392
Other service activities	474,798	503,619	549,782	563,292	607,772	590,941	583,968	589,629	594,010	595,849
Activities of households as employers	0	0	0	0	0	0	0	0	0	0
TOTAL	16,867,490.3	17,384,804.0	18,107,073.2	18,856,231	19,247,396	18,801,303	18,826,602	19,030,231	19,193,456	19,222,156

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

(Unit - Percent)

Sector	2015	2016	2017	2018	2019	2020	2021r	2022r	2023r	2024p
Agriculture	0.3	9.4	16.0	3.2	1.1	-8.6	-0.0	2.9	3.0	0.1
Agriculture, forestry and fishing	0.3	9.4	16.0	3.2	1.1	-8.6	-0.0	2.9	3.0	0.1
None Agriculture	1.8	2.7	3.5	4.2	2.1	-1.9	0.1	1.0	0.7	0.2
Industrial	1.7	3.6	4.1	5.6	0.8	-1.2	2.2	0.3	1.2	0.4
Mining and quarrying	1.1	-0.6	4.5	2.5	-0.8	-0.1	0.3	0.2	2.2	0.7
Manufacturing	1.6	4.5	3.5	6.4	1.0	-0.9	2.7	0.4	0.8	0.2
Electricity, gas, steam and air conditioning supply	2.7	-0.6	7.4	2.4	0.2	-3.9	-0.3	0.5	3.9	0.9
Water supply; sewerage, waste management and remediation activities	0.8	3.6	8.1	0.1	0.4	-5.9	-2.5	-1.0	-1.9	2.2
Service	1.9	2.3	3.2	3.6	2.8	-2.2	-0.8	1.3	0.5	0.1
Construction	7.7	14.5	5.3	4.8	6.0	-11.1	-2.8	-0.1	0.3	0.0
Wholesale and retail trade; repair of motor vehicles and motorcycles	3.7	1.6	1.4	3.4	2.0	-4.9	0.2	0.3	0.9	0.5
Transportation and storage	0.4	-3.6	11.2	0.5	1.5	-3.6	-1.4	5.6	2.9	0.2
Accommodation and food service activities	7.0	8.0	-0.6	2.7	4.6	-13.8	-3.1	7.2	5.2	-0.1
Information and communication	5.0	13.1	11.1	1.0	0.8	-1.5	-1.3	2.5	2.2	0.9
Financial and insurance activities	-2.2	5.6	5.9	1.7	2.5	3.4	0.2	2.1	2.8	1.8
Real estate activities	-0.6	2.4	-1.0	5.9	2.3	1.4	-0.3	-0.8	-1.6	-0.6
Professional, scientific and technical activities	0.1	2.4	1.5	1.6	1.0	-2.7	-1.1	0.9	1.0	0.9
Administrative and support service activities	21.7	8.2	5.9	5.8	8.3	-6.3	-0.4	-0.3	1.3	1.1
Public administration and defence; compulsory social security	-	-	-	-	-	-	-	-	-	-
Education	2.9	10.6	11.2	2.9	8.0	-1.5	-1.5	0.2	0.6	1.5
Human health and social work activities	11.6	-2.3	5.0	0.9	2.1	-0.2	-0.6	0.1	-0.1	0.7
Arts, entertainment and recreation	-7.6	-17.4	10.9	8.1	1.5	-3.3	0.3	3.2	1.8	0.4
Other service activities	3.3	6.1	9.2	2.5	7.9	-2.8	-1.2	1.0	0.7	0.3
Activities of households as employers	-	-	-	-	-	-	-	-	-	-
TOTAL	1.7	3.1	4.2	4.1	2.1	-2.3	0.1	1.1	0.9	0.1

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

(Unit - Millions of Baht)

Sector	2015	2016	2017	2018	2019	2020	2021r	2022r	2023r	2024p
Agriculture	1,557,600	1,481,047	1,270,741	1,365,298	1,391,022	1,470,738	1,517,113	1,553,525	1,576,795	1,601,241
Agriculture, forestry and fishing	1,557,600	1,481,047	1,270,741	1,365,298	1,391,022	1,470,738	1,517,113	1,553,525	1,576,795	1,601,241
None Agriculture	9,669,294	9,832,130	9,772,252	9,968,995	9,931,607	10,163,435	10,396,262	10,563,706	10,681,434	10,906,899
Industrial	2,328,041	2,393,733	2,391,765	2,393,759	2,364,423	2,440,444	2,474,521	2,505,176	2,543,696	2,614,389
Mining and quarrying	84,454	86,743	89,154	99,623	106,925	108,098	113,445	114,871	116,716	119,144
Manufacturing	327,690	330,655	325,263	268,272	202,830	221,932	233,988	231,002	232,755	239,294
Electricity, gas, steam and air conditioning supply	1,767,813	1,821,116	1,812,654	1,849,810	1,876,010	1,923,705	1,938,249	1,971,221	2,004,028	2,057,447
Water supply; sewerage, waste management and remediation activities	148,084	155,219	164,694	176,053	178,658	186,709	188,840	188,082	190,196	198,504
Service	7,341,253	7,438,397	7,380,487	7,575,236	7,567,184	7,722,991	7,921,741	8,058,530	8,137,739	8,292,510
Construction	556,590	563,082	550,798	570,200	559,749	658,277	700,152	695,929	699,872	706,865
Wholesale and retail trade; repair of motor vehicles and motorcycles	22,067	21,571	21,619	22,392	17,242	16,545	17,059	17,320	17,326	17,351
Transportation and storage	3,833,742	3,849,843	3,955,707	4,065,765	3,974,842	3,891,343	3,871,947	3,982,380	4,036,311	4,123,441
Accommodation and food service activities	423,148	426,237	407,709	427,672	449,233	442,714	444,441	445,607	444,222	447,978
Information and communication	290,553	257,818	264,976	270,551	273,126	291,902	304,678	305,253	305,815	309,466
Financial and insurance activities	81,268	77,386	78,576	82,074	83,424	89,614	93,909	95,008	94,182	95,234
Real estate activities	665,896	640,743	542,808	526,858	542,907	602,455	676,871	673,027	672,552	699,707
Professional, scientific and technical activities	6,309	6,617	6,371	6,951	7,113	6,946	7,000	7,186	7,315	7,444
Administrative and support service activities	20,637	20,414	21,795	23,514	23,756	22,398	22,549	23,040	23,436	23,760
Public administration and defence; compulsory social security	552,832	537,165	584,212	601,584	615,187	630,011	646,296	656,499	665,906	675,944
Education	234,401	225,001	210,560	220,663	237,440	248,650	258,627	263,861	268,089	274,886
Human health and social work activities	447,041	548,392	527,763	537,614	553,224	593,838	639,072	652,261	659,973	664,640
Arts, entertainment and recreation	11,574	13,749	12,131	13,730	13,900	13,085	13,146	13,204	13,398	13,450
Other service activities	195,193	250,377	195,461	205,666	216,042	215,214	225,994	227,954	229,341	232,345
Activities of households as employers	0	0	0	0	0	0	0	0	0	0
TOTAL	11,226,894.0	11,313,176.7	11,042,992.5	11,334,293	11,322,629	11,634,173	11,913,375	12,117,230	12,258,229	12,508,140

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

(Unit - Percent)

Sector	2015	2016	2017	2018	2019	2020	2021r	2022r	2023r	2024p
Agriculture	3.1	-4.9	-14.2	7.4	1.9	5.7	3.2	2.4	1.5	1.6
Agriculture, forestry and fishing	3.1	-4.9	-14.2	7.4	1.9	5.7	3.2	2.4	1.5	1.6
None Agriculture	3.9	1.7	-0.6	2.0	-0.4	2.3	2.3	1.6	1.1	2.1
Industrial	2.4	2.8	-0.1	0.1	-1.2	3.2	1.4	1.2	1.5	2.8
Mining and quarrying	2.7	2.7	2.8	11.7	7.3	1.1	4.9	1.3	1.6	2.1
Manufacturing	4.5	0.9	-1.6	-17.5	-24.4	9.4	5.4	-1.3	0.8	2.8
Electricity, gas, steam and air conditioning supply	2.1	3.0	-0.5	2.0	1.4	2.5	0.8	1.7	1.7	2.7
Water supply; sewerage, waste management and remediation activities	1.6	4.8	6.1	6.9	1.5	4.5	1.1	-0.4	1.1	4.4
Service	4.4	1.3	-0.8	2.6	-0.1	2.1	2.6	1.7	1.0	1.9
Construction	6.9	1.2	-2.2	3.5	-1.8	17.6	6.4	-0.6	0.6	1.0
Wholesale and retail trade; repair of motor vehicles and motorcycles	3.1	-2.2	0.2	3.6	-23.0	-4.0	3.1	1.5	0.0	0.1
Transportation and storage	5.6	0.4	2.7	2.8	-2.2	-2.1	-0.5	2.9	1.4	2.2
Accommodation and food service activities	3.3	0.7	-4.3	4.9	5.0	-1.5	0.4	0.3	-0.3	0.8
Information and communication	9.0	-11.3	2.8	2.1	1.0	6.9	4.4	0.2	0.2	1.2
Financial and insurance activities	3.4	-4.8	1.5	4.5	1.6	7.4	4.8	1.2	-0.9	1.1
Real estate activities	-0.3	-3.8	-15.3	-2.9	3.0	11.0	12.4	-0.6	-0.1	4.0
Professional, scientific and technical activities	7.0	4.9	-3.7	9.1	2.3	-2.3	0.8	2.7	1.8	1.8
Administrative and support service activities	5.7	-1.1	6.8	7.9	1.0	-5.7	0.7	2.2	1.7	1.4
Public administration and defence; compulsory social security	3.9	-2.8	8.8	3.0	2.3	2.4	2.6	1.6	1.4	1.5
Education	2.3	-4.0	-6.4	4.8	7.6	4.7	4.0	2.0	1.6	2.5
Human health and social work activities	1.6	22.7	-3.8	1.9	2.9	7.3	7.6	2.1	1.2	0.7
Arts, entertainment and recreation	20.5	18.8	-11.8	13.2	1.2	-5.9	0.5	0.4	1.5	0.4
Other service activities	-1.2	28.3	-21.9	5.2	5.0	-0.4	5.0	0.9	0.6	1.3
Activities of households as employers	-	-	-	-	-	-	-	-	-	-
TOTAL	3.8	0.8	-2.4	2.6	-0.1	2.8	2.4	1.7	1.2	2.0

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

(Unit : Millions of Baht)

Sector	2015	2016	2017	2018	2019	2020	2021r	2022r	2023r	2024p
Agriculture	1,126,390	1,120,315	1,006,683	1,038,060	1,047,569	1,125,990	1,157,943	1,158,327	1,159,663	1,164,233
Agriculture, forestry and fishing	1,126,390	1,120,315	1,006,683	1,038,060	1,047,569	1,125,990	1,157,943	1,158,327	1,159,663	1,164,233
None Agriculture	6,693,101	6,916,630	6,802,234	6,827,016	6,783,308	6,901,077	7,008,992	6,966,263	6,958,974	7,031,821
Industrial	1,662,115	1,702,380	1,711,001	1,699,193	1,658,966	1,711,252	1,715,839	1,695,214	1,692,274	1,717,580
Mining and quarrying	72,308	71,370	70,567	72,304	77,314	77,809	81,492	81,917	83,097	84,659
Manufacturing	218,141	227,402	219,368	181,260	136,192	148,814	156,271	151,589	151,888	153,739
Electricity, gas, steam and air conditioning supply	1,247,099	1,274,035	1,287,721	1,309,048	1,310,810	1,345,334	1,338,636	1,326,223	1,323,648	1,343,397
Water supply; sewerage, waste management and remediation activities	123,183	127,674	131,966	138,202	138,703	143,072	142,982	138,929	136,988	139,226
Service	5,021,120	5,203,414	5,081,178	5,117,053	5,112,222	5,178,366	5,280,544	5,258,123	5,253,746	5,301,376
Construction	386,472	411,780	400,094	399,849	390,694	459,233	484,209	473,262	470,719	472,909
Wholesale and retail trade; repair of motor vehicles and motorcycles	14,388	14,314	13,654	14,125	10,942	10,496	10,496	10,458	10,381	10,325
Transportation and storage	2,698,352	2,708,207	2,723,700	2,737,601	2,668,213	2,566,377	2,551,455	2,561,191	2,572,615	2,596,036
Accommodation and food service activities	291,511	307,487	296,052	290,396	303,824	298,744	298,057	291,168	283,528	284,941
Information and communication	183,066	176,807	188,525	190,374	191,678	197,335	203,245	199,562	197,817	199,816
Financial and insurance activities	56,534	55,988	54,463	55,400	56,622	61,168	63,198	62,763	61,829	62,394
Real estate activities	452,736	437,069	373,348	389,495	404,494	458,504	509,056	495,949	484,067	492,367
Professional, scientific and technical activities	4,490	4,599	4,465	4,745	4,793	4,664	4,635	4,658	4,681	4,676
Administrative and support service activities	15,566	15,335	16,300	17,252	18,679	19,414	19,350	19,378	19,622	19,873
Public administration and defence; compulsory social security	337,793	336,566	348,979	345,105	358,597	377,333	381,638	380,354	383,527	386,574
Education	135,799	135,666	127,257	130,991	141,476	146,212	150,337	150,962	152,559	156,236
Human health and social work activities	265,794	350,835	331,374	334,339	340,950	356,250	379,134	380,879	382,089	383,094
Arts, entertainment and recreation	9,751	12,232	10,502	11,354	11,523	11,188	11,181	11,078	11,227	11,254
Other service activities	147,985	211,047	160,392	164,333	177,309	183,401	191,551	191,179	191,559	193,528
Activities of households as employers	0	0	0	0	0	0	0	0	0	0
TOTAL	7,815,968.3	8,034,934.5	7,812,748.7	7,865,958	7,830,345	8,021,604	8,159,961	8,116,895	8,110,691	8,188,784

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

(Unit : Percent)

Sector	2015	2016	2017	2018	2019	2020	2021r	2022r	2023r	2024p
Agriculture	0.2	-0.5	-10.1	3.1	0.9	7.5	2.8	0.0	0.1	0.4
Agriculture, forestry and fishing	0.2	-0.5	-10.1	3.1	0.9	7.5	2.8	0.0	0.1	0.4
None Agriculture	2.0	3.3	-1.7	0.4	-0.6	1.7	1.6	-0.6	-0.1	1.0
Industrial	-2.3	2.4	0.5	-0.7	-2.4	3.2	0.3	-1.2	-0.2	1.5
Mining and quarrying	0.2	-1.3	-1.1	2.5	6.9	0.6	4.7	0.5	1.4	1.9
Manufacturing	3.2	4.2	-3.5	-17.4	-24.9	9.3	5.0	-3.0	0.2	1.2
Electricity, gas, steam and air conditioning supply	-3.7	2.2	1.1	1.7	0.1	2.6	-0.5	-0.9	-0.2	1.5
Water supply; sewerage, waste management and remediation activities	0.8	3.6	3.4	4.7	0.4	3.1	-0.1	-2.8	-1.4	1.6
Service	3.4	3.6	-2.3	0.7	-0.1	1.3	2.0	-0.4	-0.1	0.9
Construction	10.6	6.5	-2.8	-0.1	-2.3	17.5	5.4	-2.3	-0.5	0.5
Wholesale and retail trade; repair of motor vehicles and motorcycles	4.1	-0.5	-4.6	3.4	-22.5	-5.8	1.8	-0.4	-0.7	-0.5
Transportation and storage	3.4	0.4	0.6	0.5	-2.5	-3.8	-0.6	0.4	0.4	0.9
Accommodation and food service activities	5.9	5.5	-3.7	-1.9	4.6	-1.7	-0.2	-2.3	-2.6	0.5
Information and communication	6.1	-3.4	6.6	1.0	0.7	3.0	3.0	-1.8	-0.9	1.0
Financial and insurance activities	-2.0	-1.0	-2.7	1.7	2.2	8.0	3.3	-0.7	-1.5	0.9
Real estate activities	-0.5	-3.5	-14.6	4.3	3.9	13.4	11.0	-2.6	-2.4	1.7
Professional, scientific and technical activities	0.1	2.4	-2.9	6.3	1.0	-2.7	-0.6	0.5	0.5	-0.1
Administrative and support service activities	0.8	-1.5	6.3	5.8	8.3	3.9	-0.3	0.1	1.3	1.3
Public administration and defence; compulsory social security	-3.2	-0.4	3.7	-1.1	3.9	5.2	1.1	-0.3	0.8	0.8
Education	2.2	-0.1	-6.2	2.9	8.0	3.3	2.8	0.4	1.1	2.4
Human health and social work activities	7.6	32.0	-5.5	0.9	2.0	4.5	6.4	0.5	0.3	0.3
Arts, entertainment and recreation	23.6	25.4	-14.1	8.1	1.5	-2.9	-0.1	-0.9	1.3	0.2
Other service activities	1.0	42.6	-24.0	2.5	7.9	3.4	4.4	-0.2	0.2	1.0
Activities of households as employers	-	-	-	-	-	-	-	-	-	-
TOTAL	1.8	2.8	-2.8	0.7	-0.5	2.4	1.7	-0.5	-0.1	1.0

TABLE 13 ANNUAL DEPRECIATION OF THAILAND AT CURRENT REPLACEMENT COST

(Unit - Millions of Baht)

Sector	2015	2016	2017	2018	2019	2020	2021r	2022r	2023r	2024p
Agriculture	247,261	250,197	242,872	244,372	246,642	249,240	252,207	256,329	259,622	262,326
Agriculture, forestry and fishing	247,261	250,197	242,872	244,372	246,642	249,240	252,207	256,329	259,622	262,326
None Agriculture	2,641,302	2,580,084	2,700,887	2,744,986	2,764,927	2,787,065	2,836,218	2,873,432	2,909,242	2,939,741
Industrial	909,897	896,633	938,613	952,123	954,826	961,776	979,746	991,025	1,007,177	1,018,387
Mining and quarrying	45,639	43,020	42,581	42,411	44,302	45,080	45,879	46,438	47,175	47,681
Manufacturing	528,607	510,300	534,644	540,500	545,081	549,516	561,410	565,592	573,687	579,017
Electricity, gas, steam and air conditioning supply	299,833	308,784	325,681	333,790	329,755	331,261	335,488	341,264	347,865	353,023
Water supply; sewerage, waste management and remediation activities	35,818	34,529	35,707	35,423	35,689	35,919	36,969	37,730	38,449	38,666
Service	1,731,405	1,683,451	1,762,274	1,792,862	1,810,101	1,825,290	1,856,471	1,882,408	1,902,065	1,921,355
Construction	83,768	77,267	85,934	86,063	86,923	89,227	91,863	92,963	93,943	94,888
Wholesale and retail trade; repair of motor vehicles and motorcycles	254,771	245,951	269,288	272,051	274,076	273,220	277,112	284,340	286,718	288,788
Transportation and storage	533,518	551,339	559,241	568,189	571,064	573,576	580,797	583,761	588,931	595,529
Accommodation and food service activities	133,163	119,155	125,573	126,254	128,286	129,454	130,121	131,127	131,945	133,101
Information and communication	91,279	97,079	101,619	101,973	102,868	103,734	105,908	108,428	110,307	111,848
Financial and insurance activities	48,817	50,096	52,381	53,750	54,063	55,327	56,756	57,803	58,478	58,762
Real estate activities	282,502	278,500	290,796	299,009	304,165	308,093	315,780	321,569	324,969	328,107
Professional, scientific and technical activities	2,022	1,981	2,059	2,090	2,240	2,317	2,349	2,359	2,364	2,367
Administrative and support service activities	3,755	3,962	4,120	4,479	4,505	4,437	4,484	4,517	4,541	4,554
Public administration and defence; compulsory social security	42,173	33,963	33,842	39,392	39,445	40,048	40,788	41,627	42,034	42,536
Education	60,660	59,153	63,769	65,623	66,522	67,599	68,232	69,935	70,966	71,982
Human health and social work activities	131,718	112,928	118,905	117,833	119,285	120,990	124,187	127,688	129,265	130,423
Arts, entertainment and recreation	2,022	1,981	2,354	2,389	2,370	2,359	2,388	2,418	2,440	2,471
Other service activities	61,238	50,096	52,392	53,768	54,288	54,907	55,706	56,842	57,543	58,068
Activities of households as employers	0	0	0	0	0	0	0	0	0	0
TOTAL	2,888,563.4	2,830,280.6	2,943,758.7	2,989,358	3,011,569	3,036,305	3,088,424	3,129,761	3,168,864	3,202,067

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

(Unit - Percent)

Sector	2015	2016	2017	2018	2019	2020	2021r	2022r	2023r	2024p
Agriculture	8.8	1.2	-2.9	0.6	0.9	1.1	1.2	1.6	1.3	1.0
Agriculture, forestry and fishing	8.8	1.2	-2.9	0.6	0.9	1.1	1.2	1.6	1.3	1.0
None Agriculture	10.7	-2.3	4.7	1.6	0.7	0.8	1.8	1.3	1.2	1.0
Industrial	11.1	-1.5	4.7	1.4	0.3	0.7	1.9	1.2	1.6	1.1
Mining and quarrying	8.5	-5.7	-1.0	-0.4	4.5	1.8	1.8	1.2	1.6	1.1
Manufacturing	14.9	-3.5	4.8	1.1	0.8	0.8	2.2	0.7	1.4	0.9
Electricity, gas, steam and air conditioning supply	5.7	3.0	5.5	2.5	-1.2	0.5	1.3	1.7	1.9	1.5
Water supply; sewerage, waste management and remediation activities	7.9	-3.6	3.4	-0.8	0.8	0.6	2.9	2.1	1.9	0.6
Service	10.5	-2.8	4.7	1.7	1.0	0.8	1.7	1.4	1.0	1.0
Construction	17.9	-7.8	11.2	0.1	1.0	2.7	3.0	1.2	1.1	1.0
Wholesale and retail trade; repair of motor vehicles and motorcycles	7.6	-3.5	9.5	1.0	0.7	-0.3	1.4	1.5	1.1	0.8
Transportation and storage	10.1	3.3	1.4	1.6	0.5	0.4	1.3	0.5	0.9	1.1
Accommodation and food service activities	15.8	-10.5	5.4	0.5	1.6	0.9	0.5	0.8	0.6	0.9
Information and communication	24.7	6.4	4.7	0.3	0.9	0.8	2.1	2.4	1.7	1.4
Financial and insurance activities	7.4	2.6	4.6	2.6	0.6	2.3	2.6	1.8	1.2	0.5
Real estate activities	1.0	-1.4	4.4	2.8	1.7	1.3	2.5	1.8	1.1	1.0
Professional, scientific and technical activities	10.5	-2.0	3.9	1.5	7.2	3.4	1.4	0.4	0.2	0.1
Administrative and support service activities	10.5	5.5	4.0	8.7	0.6	-1.5	1.0	0.8	0.5	0.3
Public administration and defence; compulsory social security	-6.7	-19.5	-0.4	16.4	0.1	1.5	1.8	2.1	1.0	1.2
Education	13.8	-2.5	7.8	2.9	1.4	1.6	0.9	2.5	1.5	1.4
Human health and social work activities	22.9	-14.3	5.3	-0.9	1.2	1.4	2.6	2.8	1.2	0.9
Arts, entertainment and recreation	29.0	-2.0	18.8	1.5	-0.8	-0.5	1.2	1.3	0.9	1.3
Other service activities	24.6	-18.2	4.6	2.6	1.0	1.1	1.5	2.0	1.2	0.9
Activities of households as employers	-	-	-	-	-	-	-	-	-	-
TOTAL	10.5	-2.0	4.0	1.5	0.7	0.8	1.7	1.3	1.2	1.0

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

(Unit : Millions of Baht)

Sector	2015	2016	2017	2018	2019	2020	2021r	2022r	2023r	2024p
Agriculture	122,420	125,557	130,361	134,657	139,967	144,100	145,158	144,097	143,850	143,693
Agriculture, forestry and fishing	122,420	125,557	130,361	134,657	139,967	144,100	145,158	144,097	143,850	143,693
None Agriculture	1,633,183	1,674,845	1,719,494	1,763,637	1,811,584	1,836,622	1,853,536	1,839,916	1,842,423	1,838,719
Industrial	615,636	623,298	664,994	687,901	707,630	720,089	727,270	720,693	724,871	722,307
Mining and quarrying	38,140	38,455	36,342	37,581	39,452	40,182	40,813	40,718	41,219	41,579
Manufacturing	343,507	350,912	383,295	396,606	407,379	413,237	419,564	415,315	419,025	417,542
Electricity, gas, steam and air conditioning supply	197,103	197,678	207,373	214,629	220,738	225,636	225,587	223,645	223,286	222,549
Water supply; sewerage, waste management and remediation activities	28,867	27,801	27,889	28,607	29,424	30,115	30,569	30,421	30,960	30,318
Service	1,015,598	1,048,479	1,053,959	1,076,091	1,104,493	1,117,552	1,127,395	1,120,119	1,119,030	1,117,685
Construction	55,648	59,955	61,972	63,627	66,205	68,913	70,375	70,183	70,165	70,496
Wholesale and retail trade; repair of motor vehicles and motorcycles	184,822	185,612	194,958	200,487	208,825	209,162	208,531	209,150	209,150	209,471
Transportation and storage	319,339	331,159	331,966	335,973	339,707	341,588	345,324	338,869	339,076	337,815
Accommodation and food service activities	104,954	103,432	105,789	108,428	112,290	112,964	112,882	110,935	109,103	109,680
Information and communication	44,942	47,267	51,275	52,767	54,295	54,637	55,041	55,200	55,445	56,118
Financial and insurance activities	33,211	33,839	34,819	35,215	37,126	38,253	38,679	38,690	38,806	38,868
Real estate activities	103,058	94,016	91,057	93,084	95,736	96,686	97,838	97,549	96,572	95,033
Professional, scientific and technical activities	1,419	1,355	1,375	1,430	1,482	1,602	1,601	1,573	1,556	1,530
Administrative and support service activities	2,777	3,032	3,189	3,391	3,640	3,697	3,700	3,655	3,661	3,668
Public administration and defence; compulsory social security	22,032	21,153	21,512	22,729	22,900	23,448	23,565	23,614	23,696	23,811
Education	44,543	47,903	50,876	51,564	52,677	53,680	53,581	54,117	54,470	55,182
Human health and social work activities	71,476	80,112	80,202	82,637	85,124	88,568	89,893	90,959	91,439	91,852
Arts, entertainment and recreation	2,732	2,878	2,970	3,114	3,272	3,356	3,381	3,375	3,394	3,431
Other service activities	33,925	50,896	34,812	35,026	36,025	36,903	37,265	37,716	38,022	38,262
Activities of households as employers	0	0	0	0	0	0	0	0	0	0
TOTAL	1,756,449.3	1,801,273.7	1,851,140.5	1,899,776	1,953,326	1,982,836	2,000,792	1,986,096	1,988,302	1,984,455

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

(Unit - Percent)

Sector	2015	2016	2017	2018	2019	2020	2021r	2022r	2023r	2024p
Agriculture	1.8	2.6	3.8	3.3	3.9	3.0	0.7	-0.7	-0.2	-0.1
Agriculture, forestry and fishing	1.8	2.6	3.8	3.3	3.9	3.0	0.7	-0.7	-0.2	-0.1
None Agriculture	2.6	2.6	2.7	2.6	2.7	1.4	0.9	-0.7	0.1	-0.2
Industrial	0.8	1.2	6.7	3.4	2.9	1.8	1.0	-0.9	0.6	-0.4
Mining and quarrying	3.8	0.8	-5.5	3.4	5.0	1.9	1.6	-0.2	1.2	0.9
Manufacturing	-2.3	2.2	9.2	3.5	2.7	1.4	1.5	-1.0	0.9	-0.4
Electricity, gas, steam and air conditioning supply	4.6	0.3	4.9	3.5	2.8	2.2	-0.0	-0.9	-0.2	-0.3
Water supply; sewerage, waste management and remediation activities	5.9	-3.7	0.3	2.6	2.9	2.3	1.5	-0.5	1.8	-2.1
Service	3.6	3.2	0.5	2.1	2.6	1.2	0.9	-0.6	-0.1	-0.1
Construction	5.2	7.7	3.4	2.7	4.1	4.1	2.1	-0.3	-0.0	0.5
Wholesale and retail trade; repair of motor vehicles and motorcycles	5.1	0.4	5.0	2.8	4.2	-0.0	0.2	-0.3	0.3	0.2
Transportation and storage	4.8	3.7	0.2	1.2	1.1	0.6	1.1	-1.9	0.1	-0.4
Accommodation and food service activities	4.6	-1.5	2.3	2.5	3.6	0.6	-0.1	-1.7	-1.7	0.5
Information and communication	5.4	5.2	8.5	2.9	2.9	0.6	0.7	0.3	0.4	1.2
Financial and insurance activities	1.1	1.9	2.9	1.1	5.4	3.0	1.1	0.0	0.3	0.2
Real estate activities	0.6	-8.8	-3.1	2.2	2.8	1.0	1.2	-0.3	-1.0	-1.6
Professional, scientific and technical activities	-2.7	-4.5	1.5	4.0	3.6	8.1	-0.1	-1.7	-1.1	-1.7
Administrative and support service activities	3.1	9.2	5.2	6.3	7.3	1.6	0.1	-1.2	0.2	0.2
Public administration and defence; compulsory social security	-5.9	-4.0	1.7	5.7	0.8	2.4	0.5	0.2	0.3	0.5
Education	2.4	7.5	6.2	1.4	2.2	1.9	-0.2	1.0	0.7	1.3
Human health and social work activities	5.2	12.1	0.1	3.0	3.0	4.0	1.5	1.2	0.5	0.5
Arts, entertainment and recreation	7.0	5.3	3.2	4.8	5.1	2.6	0.7	-0.2	0.6	1.1
Other service activities	4.5	50.0	-31.6	0.6	2.9	2.4	1.0	1.2	0.8	0.6
Activities of households as employers	-	-	-	-	-	-	-	-	-	-
TOTAL	2.6	2.6	2.8	2.6	2.8	1.5	0.9	-0.7	0.1	-0.2

TABLE 15 ANNUAL DEPRECIATION OF PRIVATE SECTOR AT CURRENT REPLACEMENT COST

(Unit - Millions of Baht)

Sector	2015	2016	2017	2018	2019	2020	2021r	2022r	2023r	2024p
Agriculture	172,069	174,612	169,500	170,792	189,273	192,338	194,199	197,599	200,397	202,269
Agriculture, forestry and fishing	172,069	174,612	169,500	170,792	189,273	192,338	194,199	197,599	200,397	202,269
None Agriculture	2,011,738	2,042,409	2,150,174	2,163,998	2,184,636	2,200,500	2,239,380	2,268,980	2,297,344	2,317,517
Industrial	654,865	644,433	675,511	683,621	682,666	686,705	701,358	708,180	719,369	725,301
Mining and quarrying	41,016	40,026	39,618	39,446	41,400	42,110	42,897	43,435	44,158	44,593
Manufacturing	510,317	498,154	521,919	527,961	531,836	535,789	547,386	551,407	559,299	564,574
Electricity, gas, steam and air conditioning supply	89,950	91,968	99,202	101,539	94,669	93,987	95,918	97,861	100,102	100,262
Water supply; sewerage, waste management and remediation activities	13,582	14,285	14,772	14,676	14,761	14,820	15,157	15,477	15,810	15,872
Service	1,356,872	1,397,975	1,474,663	1,480,377	1,501,970	1,513,795	1,538,021	1,560,800	1,577,975	1,592,216
Construction	57,507	62,702	69,736	69,814	70,982	72,453	74,593	75,507	76,396	77,195
Wholesale and retail trade; repair of motor vehicles and motorcycles	253,319	244,968	268,211	270,854	272,952	272,073	275,920	280,147	283,117	285,445
Transportation and storage	341,825	389,466	400,640	391,255	399,345	401,377	405,849	408,037	412,240	415,761
Accommodation and food service activities	104,480	101,282	106,737	107,518	109,146	110,010	110,452	111,401	112,161	113,180
Information and communication	67,738	80,779	84,558	83,445	84,157	84,917	85,637	87,892	89,525	90,441
Financial and insurance activities	43,144	46,163	48,269	49,117	49,641	50,669	51,750	52,763	53,321	53,579
Real estate activities	267,868	269,755	281,665	290,816	293,614	297,334	304,753	310,372	313,562	316,650
Professional, scientific and technical activities	1,586	1,691	1,757	1,787	1,885	1,938	1,965	1,971	1,974	1,975
Administrative and support service activities	1,033	1,037	1,078	1,191	1,207	1,185	1,196	1,199	1,210	1,214
Public administration and defence; compulsory social security	0	0	0	0	0	0	0	0	0	0
Education	59,549	58,297	62,847	64,674	65,560	66,615	67,208	68,865	69,886	70,853
Human health and social work activities	105,572	95,537	100,593	100,182	102,859	104,076	106,801	109,700	110,925	111,810
Arts, entertainment and recreation	1,163	1,053	1,251	1,280	1,275	1,267	1,287	1,296	1,310	1,324
Other service activities	52,089	45,247	47,321	48,445	49,347	49,883	50,609	51,652	52,347	52,789
Activities of households as employers	0	0	0	0	0	0	0	0	0	0
TOTAL	2,183,806.6	2,217,020.9	2,319,674.2	2,334,790	2,373,709	2,392,439	2,433,579	2,466,579	2,497,741	2,519,786

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

(Unit - Percent)

Sector	2015	2016	2017	2018	2019	2020	2021r	2022r	2023r	2024p
Agriculture	8.7	1.5	-2.9	0.8	10.8	1.6	1.0	1.8	1.4	0.9
Agriculture, forestry and fishing	8.7	1.5	-2.9	0.8	10.8	1.6	1.0	1.8	1.4	0.9
None Agriculture	13.9	1.5	5.3	0.6	1.0	0.7	1.8	1.3	1.3	0.9
Industrial	16.2	-1.6	4.8	1.2	-0.1	0.6	2.1	1.0	1.6	0.8
Mining and quarrying	9.7	-2.4	-1.0	-0.4	5.0	1.7	1.9	1.3	1.7	1.0
Manufacturing	15.3	-2.4	4.8	1.2	0.7	0.7	2.2	0.7	1.4	0.9
Electricity, gas, steam and air conditioning supply	24.6	2.2	7.9	2.4	-6.8	-0.7	2.1	2.0	2.3	0.2
Water supply; sewerage, waste management and remediation activities	19.9	5.2	3.4	-0.7	0.6	0.4	2.3	2.1	2.2	0.4
Service	12.8	3.0	5.5	0.4	1.5	0.8	1.6	1.5	1.1	0.9
Construction	22.1	9.0	11.2	0.1	1.7	2.1	3.0	1.2	1.2	1.0
Wholesale and retail trade; repair of motor vehicles and motorcycles	7.7	-3.3	9.5	1.0	0.8	-0.3	1.4	1.5	1.1	0.8
Transportation and storage	15.8	13.9	2.9	-2.3	2.1	0.5	1.1	0.5	1.0	0.9
Accommodation and food service activities	19.0	-3.1	5.4	0.7	1.5	0.8	0.4	0.9	0.7	0.9
Information and communication	34.0	19.3	4.7	-1.3	0.9	0.9	0.8	2.6	1.9	1.0
Financial and insurance activities	8.4	7.0	4.6	1.8	1.1	2.1	2.1	2.0	1.1	0.5
Real estate activities	-0.0	0.7	4.4	3.2	1.0	1.3	2.5	1.8	1.0	1.0
Professional, scientific and technical activities	12.7	6.6	3.9	1.7	5.5	2.8	1.4	0.3	0.2	0.1
Administrative and support service activities	47.7	0.4	4.0	10.5	1.4	-1.9	1.0	0.3	0.9	0.3
Public administration and defence; compulsory social security	-	-	-	-	-	-	-	-	-	-
Education	13.7	-2.1	7.8	2.9	1.4	1.6	0.9	2.5	1.5	1.4
Human health and social work activities	26.6	-9.5	5.3	-0.4	2.7	1.2	2.6	2.7	1.1	0.8
Arts, entertainment and recreation	24.5	-9.4	18.8	2.3	-0.4	-0.7	1.6	0.7	1.1	1.1
Other service activities	27.6	-13.1	4.6	2.4	1.9	1.1	1.5	2.1	1.3	0.8
Activities of households as employers	-	-	-	-	-	-	-	-	-	-
TOTAL	13.4	1.5	4.6	0.7	1.7	0.8	1.7	1.4	1.3	0.9

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

(Unit : Millions of Baht)

Sector	2015	2016	2017	2018	2019	2020	2021r	2022r	2023r	2024p
Agriculture	81,166	83,856	87,376	90,670	94,609	95,575	96,015	95,214	94,843	94,592
Agriculture, forestry and fishing	81,166	83,856	87,376	90,670	94,609	95,575	96,015	95,214	94,843	94,592
None Agriculture	1,286,444	1,299,141	1,334,333	1,367,546	1,400,928	1,413,691	1,427,032	1,417,748	1,420,428	1,415,638
Industrial	462,537	448,785	485,511	501,801	513,748	525,540	532,665	527,838	532,202	529,435
Mining and quarrying	34,667	34,988	33,126	34,248	36,061	36,665	37,276	37,225	37,706	38,000
Manufacturing	339,144	346,778	378,780	392,094	402,291	408,076	414,103	410,118	414,205	412,760
Electricity, gas, steam and air conditioning supply	73,722	49,474	54,257	55,665	55,724	59,868	60,235	59,672	59,355	58,329
Water supply; sewerage, waste management and remediation activities	13,665	11,902	11,906	12,231	12,522	12,766	12,868	12,755	13,018	12,686
Service	823,365	847,229	848,798	866,558	887,952	890,455	897,194	892,403	891,507	889,244
Construction	46,156	46,476	49,271	50,618	52,734	54,595	55,822	55,684	55,634	55,918
Wholesale and retail trade; repair of motor vehicles and motorcycles	184,063	184,869	194,178	199,685	207,968	207,835	208,199	207,551	208,176	208,463
Transportation and storage	215,739	222,048	217,421	219,462	219,227	214,452	216,866	212,903	213,063	211,660
Accommodation and food service activities	87,720	87,032	89,078	91,450	94,730	95,411	95,219	93,701	92,625	93,103
Information and communication	34,776	37,773	40,946	42,006	42,589	42,239	41,912	42,070	42,189	42,534
Financial and insurance activities	30,499	31,308	32,215	32,557	34,335	35,104	35,338	35,408	35,516	35,566
Real estate activities	96,685	90,239	87,534	89,806	92,127	93,021	94,131	93,880	92,957	91,478
Professional, scientific and technical activities	1,169	1,118	1,142	1,189	1,210	1,304	1,293	1,265	1,248	1,225
Administrative and support service activities	932	782	821	892	941	946	940	925	928	929
Public administration and defence; compulsory social security	0	0	0	0	0	0	0	0	0	0
Education	43,758	47,079	50,100	50,779	51,877	52,867	52,744	53,258	53,609	54,280
Human health and social work activities	61,602	68,994	70,280	72,636	75,816	78,810	79,924	80,827	81,103	81,390
Arts, entertainment and recreation	1,801	1,234	1,267	1,337	1,402	1,429	1,447	1,433	1,441	1,454
Other service activities	29,134	41,961	29,482	29,650	30,665	31,323	31,647	32,027	32,312	32,488
Activities of households as employers	0	0	0	0	0	0	0	0	0	0
TOTAL	1,367,245.4	1,383,247.7	1,422,340.7	1,459,075	1,496,723	1,510,489	1,524,156	1,514,016	1,516,176	1,511,152

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

(Unit : Percent)

Sector	2015	2016	2017	2018	2019	2020	2021r	2022r	2023r	2024p
Agriculture	3.4	3.3	4.2	3.8	4.3	1.0	0.5	-0.8	-0.4	-0.3
Agriculture, forestry and fishing	3.4	3.3	4.2	3.8	4.3	1.0	0.5	-0.8	-0.4	-0.3
None Agriculture	1.6	1.0	2.7	2.5	2.4	0.9	0.9	-0.7	0.2	-0.3
Industrial	-0.3	-3.0	8.2	3.4	2.4	2.3	1.4	-0.9	0.8	-0.5
Mining and quarrying	3.4	0.9	-5.3	3.4	5.3	1.7	1.7	-0.1	1.3	0.8
Manufacturing	-2.0	2.3	9.2	3.5	2.6	1.4	1.5	-1.0	1.0	-0.3
Electricity, gas, steam and air conditioning supply	7.2	-32.9	9.7	2.6	0.1	7.4	0.6	-0.9	-0.5	-1.7
Water supply; sewerage, waste management and remediation activities	5.8	-12.9	0.0	2.7	2.4	1.9	0.8	-0.9	2.1	-2.6
Service	2.4	2.9	0.2	2.1	2.5	0.3	0.8	-0.5	-0.1	-0.3
Construction	2.0	0.7	6.0	2.7	4.2	3.5	2.2	-0.2	-0.1	0.5
Wholesale and retail trade; repair of motor vehicles and motorcycles	5.1	0.4	5.0	2.8	4.1	-0.1	0.2	-0.3	0.3	0.1
Transportation and storage	1.5	2.9	-2.1	0.9	-0.1	-2.2	1.1	-1.8	0.1	-0.7
Accommodation and food service activities	3.4	-0.8	2.4	2.7	3.6	0.7	-0.2	-1.6	-1.1	0.5
Information and communication	7.8	8.6	8.4	2.6	1.4	-0.8	-0.8	0.4	0.3	0.8
Financial and insurance activities	2.5	2.7	2.9	1.1	5.5	2.2	0.7	0.2	0.3	0.1
Real estate activities	-1.3	-6.7	-3.0	2.6	2.6	1.0	1.2	-0.3	-1.0	-1.6
Professional, scientific and technical activities	-2.9	-4.4	2.1	4.1	1.8	7.8	-0.8	-2.2	-1.3	-1.8
Administrative and support service activities	21.8	-16.1	5.0	8.6	5.5	0.5	-0.6	-1.6	0.3	0.1
Public administration and defence; compulsory social security	-	-	-	-	-	-	-	-	-	-
Education	2.5	7.6	6.4	1.4	2.2	1.9	-0.2	1.0	0.7	1.3
Human health and social work activities	4.7	12.0	1.9	3.4	4.4	3.9	1.4	1.1	0.3	0.4
Arts, entertainment and recreation	-3.7	-31.5	2.7	5.5	4.9	1.9	1.3	-1.0	0.6	0.9
Other service activities	4.4	44.0	-29.7	0.6	3.4	2.1	1.0	1.2	0.9	0.5
Activities of households as employers	-	-	-	-	-	-	-	-	-	-
TOTAL	1.7	1.2	2.8	2.6	2.6	0.9	0.9	-0.7	0.1	-0.3

TABLE 17 ANNUAL DEPRECIATION OF PUBLIC SECTOR AT CURRENT REPLACEMENT COST

(Unit - Millions of Baht)

Sector	2015	2016	2017	2018	2019	2020	2021r	2022r	2023r	2024p
Agriculture	75,192	75,584	73,372	73,581	57,369	56,901	58,008	58,730	59,225	60,057
Agriculture, forestry and fishing	75,192	75,584	73,372	73,581	57,369	56,901	58,008	58,730	59,225	60,057
None Agriculture	629,565	537,675	550,713	580,988	580,291	586,565	596,838	604,452	611,899	622,225
Industrial	255,032	252,200	263,102	268,502	272,160	275,071	278,388	282,844	287,808	293,086
Mining and quarrying	4,623	2,994	2,964	2,965	2,902	2,971	2,982	3,003	3,017	3,088
Manufacturing	18,290	12,145	12,725	12,540	13,245	13,727	14,024	14,185	14,388	14,443
Electricity, gas, steam and air conditioning supply	209,883	216,816	226,478	232,251	235,085	237,274	239,570	243,403	247,764	252,761
Water supply; sewerage, waste management and remediation activities	22,236	20,245	20,935	20,747	20,928	21,099	21,812	22,253	22,639	22,794
Service	374,533	285,475	287,611	312,486	308,131	311,495	318,450	321,607	324,091	329,139
Construction	26,261	14,565	16,199	16,249	15,942	16,775	17,270	17,457	17,547	17,693
Wholesale and retail trade; repair of motor vehicles and motorcycles	1,452	984	1,077	1,197	1,124	1,148	1,192	1,221	1,223	1,273
Transportation and storage	191,693	161,873	158,601	176,934	171,719	172,199	174,948	175,724	176,691	179,768
Accommodation and food service activities	28,683	17,873	18,836	18,736	19,140	19,444	19,669	19,727	19,784	19,921
Information and communication	23,541	16,300	17,062	18,529	18,712	18,817	20,271	20,536	20,782	21,408
Financial and insurance activities	5,673	3,933	4,112	4,633	4,422	4,659	5,006	5,040	5,158	5,183
Real estate activities	14,634	8,745	9,131	8,193	10,551	10,759	11,027	11,197	11,406	11,457
Professional, scientific and technical activities	436	291	302	303	355	379	384	388	390	392
Administrative and support service activities	2,722	2,926	3,042	3,288	3,297	3,252	3,287	3,318	3,331	3,341
Public administration and defence; compulsory social security	42,173	33,963	33,842	39,392	39,445	40,048	40,788	41,627	42,034	42,536
Education	1,111	856	922	949	962	985	1,023	1,071	1,079	1,129
Human health and social work activities	26,146	17,391	18,311	17,651	16,425	16,914	17,386	17,989	18,340	18,613
Arts, entertainment and recreation	859	928	1,103	1,109	1,095	1,092	1,101	1,123	1,130	1,147
Other service activities	9,149	4,849	5,072	5,323	4,940	5,024	5,097	5,190	5,196	5,279
Activities of households as employers	0	0	0	0	0	0	0	0	0	0
TOTAL	704,756.9	613,259.7	624,084.5	654,568	637,660	643,467	654,845	663,182	671,124	682,281

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

(Unit - Percent)

Sector	2015	2016	2017	2018	2019	2020	2021r	2022r	2023r	2024p
Agriculture	8.8	0.5	-2.9	0.3	-22.0	-0.8	1.9	1.2	0.8	1.4
Agriculture, forestry and fishing	8.8	0.5	-2.9	0.3	-22.0	-0.8	1.9	1.2	0.8	1.4
None Agriculture	1.7	-14.6	2.4	5.5	-0.1	1.1	1.8	1.3	1.2	1.7
Industrial	-0.0	-1.1	4.3	2.1	1.4	1.1	1.2	1.6	1.8	1.8
Mining and quarrying	-1.3	-35.2	-1.0	0.0	-2.1	2.4	0.4	0.7	0.5	2.3
Manufacturing	6.0	-33.6	4.8	-1.5	5.6	3.6	2.2	1.1	1.4	0.4
Electricity, gas, steam and air conditioning supply	-0.7	3.3	4.5	2.5	1.2	0.9	1.0	1.6	1.8	2.0
Water supply; sewerage, waste management and remediation activities	1.7	-9.0	3.4	-0.9	0.9	0.8	3.4	2.0	1.7	0.7
Service	2.9	-23.8	0.7	8.6	-1.4	1.1	2.2	1.0	0.8	1.6
Construction	9.6	-44.5	11.2	0.3	-1.9	5.2	3.0	1.1	0.5	0.8
Wholesale and retail trade; repair of motor vehicles and motorcycles	-1.1	-32.3	9.5	11.1	-6.1	2.1	3.8	2.5	0.1	4.1
Transportation and storage	1.3	-15.6	-2.0	11.6	-2.9	0.3	1.6	0.4	0.6	1.7
Accommodation and food service activities	5.6	-37.7	5.4	-0.5	2.2	1.6	1.2	0.3	0.3	0.7
Information and communication	4.1	-30.8	4.7	8.6	1.0	0.6	7.7	1.3	1.2	3.0
Financial and insurance activities	-0.1	-30.7	4.6	12.7	-4.6	5.3	7.5	0.7	2.3	0.5
Real estate activities	24.9	-40.2	4.4	-10.3	28.8	2.0	2.5	1.5	1.9	0.4
Professional, scientific and technical activities	3.2	-33.3	3.9	0.3	17.1	6.8	1.4	1.0	0.5	0.6
Administrative and support service activities	0.9	7.5	4.0	8.1	0.3	-1.4	1.1	0.9	0.4	0.3
Public administration and defence; compulsory social security	-6.7	-19.5	-0.4	16.4	0.1	1.5	1.8	2.1	1.0	1.2
Education	16.3	-23.0	7.8	2.9	1.4	2.3	4.0	4.6	0.8	4.6
Human health and social work activities	10.0	-33.5	5.3	-3.6	-6.9	3.0	2.8	3.5	2.0	1.5
Arts, entertainment and recreation	35.6	8.0	18.8	0.5	-1.2	-0.3	0.8	2.0	0.7	1.5
Other service activities	10.3	-47.0	4.6	5.0	-7.2	1.7	1.5	1.8	0.1	1.6
Activities of households as employers	-	-	-	-	-	-	-	-	-	-
TOTAL	2.4	-13.0	1.8	4.9	-2.6	0.9	1.8	1.3	1.2	1.7

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

(Unit : Millions of Baht)

Sector	2015	2016	2017	2018	2019	2020	2021r	2022r	2023r	2024p
Agriculture	41,950	42,304	43,559	44,518	45,858	50,135	50,967	50,771	51,057	51,270
Agriculture, forestry and fishing	41,950	42,304	43,559	44,518	45,858	50,135	50,967	50,771	51,057	51,270
None Agriculture	342,654	368,519	377,741	388,591	403,175	415,665	418,931	414,528	414,272	415,557
Industrial	149,681	167,755	172,574	178,915	186,266	187,049	187,051	185,368	185,296	185,410
Mining and quarrying	3,479	3,477	3,206	3,325	3,351	3,496	3,503	3,446	3,458	3,535
Manufacturing	6,028	5,998	6,552	6,666	7,172	7,275	7,392	7,172	6,949	6,911
Electricity, gas, steam and air conditioning supply	123,873	141,850	145,941	151,625	157,758	157,943	157,512	156,202	156,184	156,552
Water supply; sewerage, waste management and remediation activities	15,734	16,038	16,121	16,519	17,047	17,496	17,847	17,810	18,090	17,776
Service	191,262	199,804	204,150	208,516	215,705	227,489	230,853	228,122	227,935	229,145
Construction	9,559	11,774	10,827	11,087	11,475	12,231	12,424	12,377	12,408	12,445
Wholesale and retail trade; repair of motor vehicles and motorcycles	728	718	754	775	826	906	929	947	940	976
Transportation and storage	105,023	110,365	116,814	119,016	123,546	132,080	133,427	130,803	130,840	131,227
Accommodation and food service activities	17,347	16,675	16,987	17,248	17,838	17,825	17,942	17,501	16,715	16,815
Information and communication	9,461	9,013	9,812	10,254	11,248	12,053	12,965	12,955	13,102	13,485
Financial and insurance activities	2,873	2,761	2,841	2,899	3,046	3,181	3,371	3,313	3,321	3,333
Real estate activities	5,777	3,042	2,805	2,548	2,860	2,906	2,939	2,907	2,863	2,816
Professional, scientific and technical activities	251	238	232	239	274	300	300	301	302	299
Administrative and support service activities	1,881	2,234	2,351	2,480	2,679	2,731	2,741	2,711	2,714	2,719
Public administration and defence; compulsory social security	22,032	21,153	21,512	22,729	22,900	23,448	23,565	23,614	23,696	23,811
Education	717	754	692	700	714	726	748	768	770	808
Human health and social work activities	9,700	10,905	9,868	9,996	9,520	9,963	10,163	10,319	10,491	10,600
Arts, entertainment and recreation	919	1,426	1,480	1,541	1,622	1,675	1,678	1,690	1,700	1,722
Other service activities	4,675	8,610	4,392	4,437	4,333	4,565	4,585	4,646	4,648	4,718
Activities of households as employers	0	0	0	0	0	0	0	0	0	0
TOTAL	385,118.9	411,434.3	421,965.4	433,753	449,669	466,119	470,144	465,481	465,451	466,939

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

(Unit : Percent)

Sector	2015	2016	2017	2018	2019	2020	2021r	2022r	2023r	2024p
Agriculture	-1.7	0.8	3.0	2.2	3.0	9.3	1.7	-0.4	0.6	0.4
Agriculture, forestry and fishing	-1.7	0.8	3.0	2.2	3.0	9.3	1.7	-0.4	0.6	0.4
None Agriculture	5.8	7.5	2.5	2.9	3.8	3.1	0.8	-1.1	-0.1	0.3
Industrial	3.0	12.1	2.9	3.7	4.1	0.4	0.0	-0.9	-0.0	0.1
Mining and quarrying	7.7	-0.1	-7.8	3.7	0.8	4.3	0.2	-1.6	0.3	2.2
Manufacturing	-9.8	-0.5	9.2	1.7	7.6	1.4	1.6	-3.0	-3.1	-0.5
Electricity, gas, steam and air conditioning supply	3.7	14.5	2.9	3.9	4.0	0.1	-0.3	-0.8	-0.0	0.2
Water supply; sewerage, waste management and remediation activities	5.9	1.9	0.5	2.5	3.2	2.6	2.0	-0.2	1.6	-1.7
Service	7.7	4.5	2.2	2.1	3.4	5.5	1.5	-1.2	-0.1	0.5
Construction	11.3	23.2	-8.0	2.4	3.5	6.6	1.6	-0.4	0.3	0.3
Wholesale and retail trade; repair of motor vehicles and motorcycles	10.1	-1.4	5.0	2.8	6.6	9.7	2.5	1.9	-0.7	3.8
Transportation and storage	9.8	5.1	5.8	1.9	3.8	6.9	1.0	-2.0	0.0	0.3
Accommodation and food service activities	8.6	-3.9	1.9	1.5	3.4	-0.1	0.7	-2.5	-4.5	0.6
Information and communication	0.1	-4.7	8.9	4.5	9.7	7.2	7.6	-0.1	1.1	2.9
Financial and insurance activities	-8.3	-3.9	2.9	2.0	5.1	4.4	6.0	-1.7	0.2	0.4
Real estate activities	43.8	-47.3	-7.8	-9.2	12.2	1.6	1.1	-1.1	-1.5	-1.6
Professional, scientific and technical activities	-2.0	-5.2	-2.5	3.0	14.6	9.5	0.0	0.3	0.3	-1.0
Administrative and support service activities	-1.7	18.8	5.2	5.5	8.0	1.9	0.4	-1.1	0.1	0.2
Public administration and defence; compulsory social security	-5.9	-4.0	1.7	5.7	0.8	2.4	0.5	0.2	0.3	0.5
Education	-3.2	5.2	-8.2	1.2	2.0	1.7	3.0	2.7	0.3	4.9
Human health and social work activities	7.0	12.4	-9.5	1.3	-4.8	4.7	2.0	1.5	1.7	1.0
Arts, entertainment and recreation	22.9	55.2	3.8	4.1	5.3	3.3	0.2	0.7	0.6	1.3
Other service activities	5.0	84.2	-49.0	1.0	-2.3	5.4	0.4	1.3	0.0	1.5
Activities of households as employers	-	-	-	-	-	-	-	-	-	-
TOTAL	5.0	6.8	2.6	2.8	3.7	3.7	0.9	-1.0	-0.0	0.3

Decomposition of Economic Growth by Factor Inputs

(Unit - Percent)

	Total						Agriculture						None Agriculture				Industrial				Service			
	Labor	Land	Capital	TFP	Growth		Labor	Land	Capital	TFP	Growth		Labor	Capital	TFP	Growth	Labor	Capital	TFP	Growth	Labor	Capital	TFP	Growth
1991	-0.10	-0.06	11.04	-2.48	8.40		-1.48	-0.49	16.27	-7.50	6.80		2.77	10.60	-4.79	8.58	6.23	10.82	-6.55	10.50	13.13	10.65	-16.19	7.58
1992	1.69	0.00	12.07	-4.53	9.23		0.54	0.00	20.24	-16.33	4.46		4.52	11.42	-6.16	9.78	2.91	4.80	3.70	11.41	1.29	13.75	-6.13	8.91
1993	-0.12	0.02	9.83	-1.05	8.68		-0.62	0.16	9.13	-6.65	2.02		1.80	9.91	-2.29	9.42	2.53	5.78	0.60	8.91	2.20	11.34	-3.86	9.68
1994	-0.55	0.01	5.46	3.08	8.00		-0.72	0.08	1.91	5.41	6.67		2.39	5.62	0.10	8.11	0.12	5.88	2.58	8.58	1.73	5.63	0.52	7.89
1995	0.72	0.01	5.09	2.30	8.12		-0.55	0.09	-0.45	2.19	1.28		1.95	5.01	1.80	8.77	4.31	10.85	-4.01	11.15	3.03	3.28	1.31	7.62
1996	0.18	0.01	4.29	1.17	5.65		-0.28	0.14	5.13	0.30	5.29		1.73	4.13	-0.17	5.69	0.20	6.42	-0.18	6.45	1.38	3.36	0.58	5.31
1997	0.60	0.00	1.23	-4.58	-2.75		0.14	0.02	0.08	-0.72	-0.48		0.19	1.28	-4.45	-2.98	-0.06	1.62	0.15	1.71	1.02	1.16	-7.42	-5.24
1998	-1.53	-0.00	2.40	-8.50	-7.63		-0.77	-0.02	2.33	-0.86	0.69		-0.06	2.28	-10.68	-8.46	-3.25	7.51	-11.63	-7.36	-0.70	0.41	-8.75	-9.03
1999	0.63	0.01	-2.08	6.02	4.57		0.45	0.06	0.05	4.26	4.83		0.10	-2.28	6.72	4.54	0.09	-5.16	13.81	8.74	0.41	-1.15	2.94	2.20
2000	0.71	-0.00	-0.41	4.16	4.46		0.03	-0.01	9.44	-2.66	6.80		1.26	-1.11	4.07	4.23	3.57	-2.22	2.65	4.01	0.60	-0.71	4.46	4.35
2001	0.89	-0.00	0.93	1.63	3.44		-0.24	-0.01	9.16	-5.83	3.08		1.47	0.32	1.69	3.48	2.38	3.80	-3.64	2.54	2.00	-0.89	2.92	4.03
2002	1.03	0.12	0.24	4.76	6.15		0.44	1.23	3.23	-4.79	0.11		1.65	0.01	5.06	6.72	1.00	2.95	4.65	8.60	1.03	-1.06	5.65	5.63
2003	0.81	-0.00	1.11	5.27	7.19		-0.15	-0.00	0.95	11.16	11.96		1.64	1.12	3.98	6.74	1.83	2.98	4.79	9.60	1.78	0.41	2.84	5.04
2004	0.90	-0.00	2.76	2.63	6.29		-0.23	-0.00	6.94	-7.82	-1.11		1.58	2.47	3.01	7.06	1.22	0.78	5.16	7.16	2.39	3.09	1.52	7.00
2005	0.51	-0.00	2.93	0.74	4.19		-0.02	-0.00	3.66	-3.70	-0.06		0.89	2.87	0.87	4.62	0.72	4.64	-0.47	4.89	1.02	2.20	1.23	4.46
2006	0.41	-0.00	3.19	1.37	4.97		0.56	-0.00	4.52	-1.15	3.92		0.47	3.08	1.52	5.07	-0.51	6.17	-0.02	5.64	-0.10	1.92	2.89	4.71
2007	0.52	-0.00	1.56	3.35	5.44		0.13	-0.01	6.39	-4.61	1.91		0.37	1.24	4.19	5.80	0.68	1.30	4.83	6.81	0.73	1.20	3.19	5.13
2008	0.71	-0.00	4.12	-3.10	1.73		0.40	-0.04	5.97	-3.40	2.93		0.82	3.95	-3.17	1.60	-0.95	3.15	0.74	2.95	1.27	4.16	-4.74	0.69
2009	0.63	-0.00	1.46	-2.78	-0.69		-0.01	-0.00	4.25	-4.49	-0.24		0.83	1.26	-2.83	-0.74	-0.45	0.96	-2.84	-2.34	1.82	1.33	-2.79	0.36
2010	0.29	-0.00	1.97	5.25	7.51		-0.14	-0.01	1.27	-1.57	-0.46		0.67	1.98	5.73	8.38	-0.14	2.65	8.10	10.61	1.15	1.69	4.07	6.91
2011	0.38	-0.00	0.60	-0.14	0.84		0.32	-0.01	3.97	2.02	6.30		0.26	0.35	-0.41	0.20	-0.26	2.19	-6.05	-4.12	0.31	-0.27	3.22	3.26
2012	0.43	-0.00	3.12	3.70	7.24		0.54	-0.00	4.48	-2.31	2.71		0.00	3.00	4.83	7.84	0.53	3.84	2.87	7.24	-0.38	2.61	6.00	8.23
2013	-0.03	-0.00	1.47	1.25	2.69		-0.03	-0.00	2.02	-1.29	0.70		0.94	1.43	0.58	2.95	0.24	2.03	-0.56	1.71	-0.11	1.17	2.68	3.74
2014	-0.77	-0.00	0.86	0.89	0.98		-2.59	-0.00	0.51	1.80	-0.29		1.18	0.86	-0.89	1.15	5.78	-0.34	-5.35	0.09	2.05	1.27	-1.50	1.81
2015	-0.06	-0.00	1.10	2.10	3.13		-0.55	-0.00	0.19	-6.11	-6.47		1.26	1.14	1.81	4.21	0.32	0.42	1.19	1.94	0.74	1.38	3.49	5.61
2016	-0.31	0.00	1.70	2.04	3.43		-0.65	0.00	2.91	-3.45	-1.19		0.16	1.61	2.11	3.88	0.63	2.01	-0.40	2.24	0.17	1.44	3.22	4.83
2017	-0.22	-0.00	1.49	2.92	4.18		0.05	-0.00	2.04	2.76	4.85		-0.02	1.45	2.70	4.12	-0.88	2.29	0.72	2.13	-0.19	1.12	4.32	5.24
2018	0.37	-0.00	2.02	1.83	4.22		0.49	-0.00	2.47	3.14	6.10		-0.07	1.98	2.14	4.05	0.65	2.73	-0.47	2.90	-0.20	1.68	3.20	4.68
2019	0.07	0.00	0.86	1.19	2.11		0.01	0.00	0.78	-1.78	-0.98		0.09	0.86	1.44	2.39	-0.22	0.03	0.07	-0.13	0.21	1.17	2.37	3.75
2020	-0.03	-0.00	-0.60	-5.41	-6.05		-0.06	-0.00	-0.95	-2.14	-3.16		0.01	-0.57	-5.75	-6.31	-0.59	-0.16	-5.01	-5.75	0.24	-0.72	-6.11	-6.59
2021	0.49	0.00	0.40	0.66	1.55		0.04	0.02	1.11	1.07	2.25		0.72	0.34	0.42	1.49	0.18	1.15	2.41	3.74	0.94	0.04	-0.63	0.35
2022	0.67	-0.00	0.39	1.53	2.58		0.10	-0.08	1.13	1.28	2.42		0.92	0.33	1.35	2.60	0.34	-0.01	0.26	0.59	1.15	0.45	2.09	3.70
2023	0.60	-0.00	0.38	1.04	2.02		-0.22	-0.02	1.21	1.07	2.04		1.14	0.31	0.56	2.02	0.61	0.61	-3.11	-1.89	1.36	0.20	2.63	4.18
2024	0.16	-0.00	0.26	2.13	2.54		-0.24	-0.03	0.18	-0.98	-1.06		0.47	0.26	2.15	2.88	0.08	0.42	0.38	0.89	0.61	0.20	3.07	3.88