



BANK OF THAILAND

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Economic and Monetary Conditions

August 2021

Monetary Policy Group
September 2021

Note: This report and other related document can also be accessed at...

<https://www.bot.or.th/English/MonetaryPolicy/EconomicConditions/PressRelease/Pages/default.aspx>

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1. Executive Summary

In August 2021, the Thai economy continued to be affected by the COVID-19 outbreak both in Thailand and abroad. Private consumption indicators declined despite supportive measures from the government. This was due to the weak household purchasing power and strict containment measures. Merchandise exports decreased in several categories as demand from trading partners softened after the outbreak situation abroad deteriorated. Private investment indicators and manufacturing production also fell following the weak demand while production in some sectors continued to be affected by the supply disruption. Foreign tourist figures declined as a result of the severe outbreak. Nevertheless, public spending continued to expand both in the transfer payments and the current expenditure.

On the economic stability front, headline inflation turned negative as a result of lower fresh food prices and the government's subsidies on tuition fee. Labor market became more vulnerable. The current account posted a larger deficit compared to the previous month mainly due to a smaller surplus in the trade balance.

Details of the economic conditions are as follows:

Private consumption indicators, after seasonal adjustment, continued to decline from the previous month in all spending categories due to the worsening situation of the COVID-19 outbreak and stricter containment measures. As a result, overall economic activities, household income, and consumer confidence deteriorated in spite of government measures which partially supported the household purchasing power.

The value of merchandise exports, after seasonal adjustment, decreased from the previous month due to lower demand from trading partners as the outbreak situation abroad became more severe, and the supply disruption such as a temporary shutdown of factories conforming to containment measures, logistic constraint, and the global shortages of semiconductor. Nevertheless, exports in some categories increased from the previous month such as petroleum-related products and steel. Weak domestic and external demand as well as the supply disruption caused **manufacturing production** to moderate in several categories compared to the previous month.

Private investment indicators, after seasonal adjustment, declined from the previous month in the machinery and equipment category due to low demand and weak business sentiment. However, investment in the construction slightly improved after the relaxation of containment measures in construction sites.

The number of foreign tourist arrivals, after seasonal adjustment, edged down from the previous month and remained low. This was due to the outbreak situation both in Thailand and abroad as well as international travel restrictions that remained in place.

The value of merchandise imports excluding gold, after seasonal adjustment, increased from the previous month. The increase was observed in raw material, intermediate goods, and capital goods categories which partly reflected the sign of recovery in production and exports going forward. However, imports in some categories declined including consumer goods which was consistent with weaker domestic demand while imports of auto parts fell in line with lower production in automotive sector.

Public spending expanded remarkably compared to the same period last year with a slight expansion if transfer payments were excluded. Current expenditures expanded from both compensations of employees and purchases of goods and services. However, capital expenditures continued to contract due to the high base effect from expedited disbursement of the central government last year.

On the stability front, headline inflation turned negative due to lower fresh food prices, which were driven by excessive supply of fruits and vegetables, as well as due to the government's subsidies on tuition fee. Labor market became more vulnerable. The current account posted a larger deficit compared to the previous month mainly from a smaller surplus in the trade balance as merchandise exports softened. On exchange rates, the baht against the US dollar depreciated by a larger degree than most trading partners' currencies due to the worsening situation of the COVID-19 outbreak and stricter containment measures in Thailand.

2.1 Supply

Farm income expanded at a lower rate from the same period last year as agricultural prices contracted. Manufacturing production, after seasonal adjustment, continued to decrease from the previous month due to weak domestic and external demand, as well as the ongoing supply disruption. Economic activities in the services sector declined continuously due to the worsening situation of the COVID-19 outbreak and stricter containment measures.

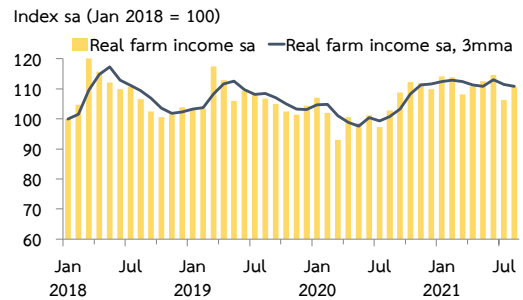
Agricultural sector

Nominal Farm Income

(%YoY)	2020	2020		2021				
		H1	H2	H1	Q1	Q2	Jul	Aug
Nominal farm income ^P	-0.2	-7.6	6.5	12.5	11.4	13.5	9.3	6.5
Agricultural production ^P	-5.9	-10.8	-2.0	1.4	1.9	0.6	8.4	13.8
Agricultural price	6.1	3.5	8.7	11.0	9.3	12.8	0.8	-6.4

Note: Farm income does not include government subsidies and transfers. P = Preliminary data
Source: Office of Agricultural Economics and calculated by Bank of Thailand

Real Farm Income



Source: Office of Agricultural Economics and calculated by Bank of Thailand

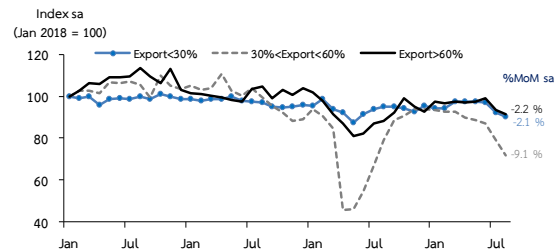
Manufacturing sector

Manufacturing Production Index

(%YoY)	Share 2016 ⁸	2020		2021					%MoM sa	
		H1	H2	H1	Q1	Q2	Jul	Aug ^P		
Food & Beverages	20.3	-6.1	-8.6	-3.2	3.9	1.6	6.9	-5.5	-6.1	-3.2
Automotives	13.8	-28.9	-42.5	-13.8	40.5	3.3	147.6	32.4	-9.8	-13.3
- Passenger Cars	4.7	-31.5	-43.8	-17.9	29.5	-3.9	127.4	40.4	-5.6	-15.2
- Commercial Vehicles	7.2	-28.1	-42.2	-12.2	43.8	5.5	153.0	19.8	-15.9	-11.9
- Engine	1.3	-27.1	-40.5	-13.0	58.1	11.8	201.0	67.3	9.6	-5.1
Petroleum	9.5	-7.0	-9.9	-3.8	-6.4	-13.9	2.3	-5.0	-6.8	-2.4
Chemicals	9.1	-2.5	-1.9	-3.2	2.1	3.8	0.4	7.6	-5.4	-5.2
Rubbers & Plastics	8.8	-7.8	-11.4	-4.1	7.2	-0.8	17.7	10.0	1.6	-0.8
Construction & Non-metal	5.5	-5.0	-3.7	-6.3	1.5	-2.4	6.0	-8.2	-7.8	3.5
IC & Semiconductors	5.5	-0.1	-2.7	2.5	15.9	7.1	25.7	19.1	12.4	-0.9
Electrical Appliances	3.8	-4.9	-13.1	5.4	20.1	1.9	47.8	0.8	-8.7	-6.0
Textiles & Apparels	3.5	-21.5	-16.3	-27.0	-10.9	-19.6	0.9	1.1	-0.8	1.0
Hard Disk Drive	3.4	-2.2	1.7	-5.4	10.1	7.4	13.0	-10.9	-1.7	3.6
Others	16.7	-6.6	-11.2	-1.8	17.7	7.9	29.7	5.9	-2.3	-3.1
MPI	100.0	-9.3	-13.2	-5.1	9.5	0.8	20.6	3.9	-4.1	-3.5
MPI sa Δ% from last period	100.0	-	-10.8	5.7	4.0	1.1	0.2	-6.0	-3.5	-
Capacity Utilization (SA)	-	61.0	59.0	62.8	64.3	64.5	64.2	60.8	58.7	-

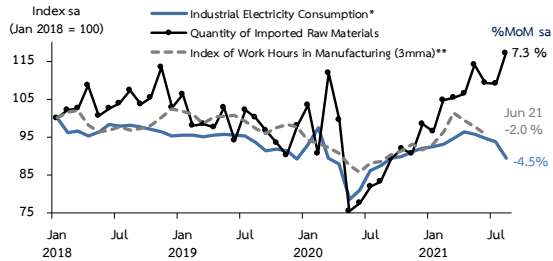
R = 2021 Revision P = Preliminary data
Source: Office of Industrial Economics and seasonally adjusted by Bank of Thailand
Production Index of petroleum does not include the production of diesel B10 and B20

MPI Classified by Export Share



Sources: Office of Industrial Economics, calculated by Bank of Thailand

Other Indicators of Manufacturing Production



* The latest month was estimated by the BOT
 ** As the data from Apr - Jun 20 and Jan - Jun 21 was not published, the index was estimated from the Quarter data.
 Sources: NSO, OIE, Customs Department and seasonally adjusted by Bank Of Thailand

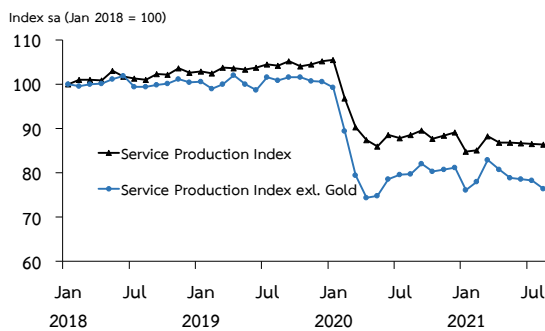
Capacity Utilization (sa)

(%)	Share 2016 ^a	2020			2021			
		Q2	Q3	Q4	Q1	Q2	Jul	Aug ^b
Food & Beverages	20.3	52.5	55.9	53.3	53.0	55.1	52.4	51.4
Automotives	13.8	27.0	60.0	78.4	78.0	71.3	61.2	53.6
Petroleum	9.5	78.7	79.4	80.5	78.4	81.6	78.7	79.9
Chemicals	9.1	77.2	78.2	73.8	77.9	76.1	77.3	74.5
Rubbers & Plastics	8.8	44.9	48.6	49.6	49.9	51.4	49.8	47.8
Construction & Non-metal	5.5	60.1	61.0	62.0	61.7	63.3	57.4	57.8
IC & Semiconductors	5.5	69.4	71.6	73.8	77.6	67.4	78.9	79.4
Electrical Appliances	3.8	43.9	61.9	64.5	62.3	63.5	60.6	59.1
Textiles & Apparets	3.5	36.9	39.8	39.4	42.1	40.9	38.2	37.2
Hard Disk Drive	3.4	75.1	80.2	79.2	80.5	84.3	75.0	72.9
Others	16.7	49.3	55.2	57.4	58.3	59.7	54.0	52.1
CAPU sa	100	53.8	61.6	64.0	64.5	64.2	60.8	58.7

Note: the new Capacity Utilization series as adjusted by the OIE (coverage and base year at 2016)
 R = 2021 Revision P = Preliminary data
 Source: Office of Industrial Economics

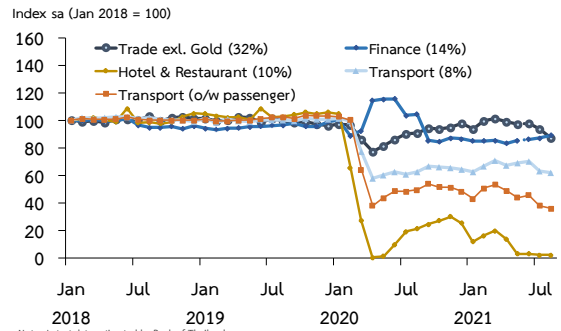
Service sector

Service Production Index (SPI)



Note : Latest data estimated by Bank of Thailand
 Source: Office of the National Economic and Social Development Board (NESDB), Ministry of Commerce, National Statistical Office, The Revenue Department, The Office of Industrial Economics and Ministry of Tourism and Sports

Service Production Index (SPI) by Sectors



Note : Latest data estimated by Bank of Thailand
 Source: Office of the National Economic and Social Development Board (NESDB), Ministry of Commerce, National Statistical Office, The Revenue Department, The Office of Industrial Economics and Ministry of Tourism and Sports

2.2 Domestic Demand

After seasonal adjustment, private consumption indicators declined from the previous month in all spending categories due to stricter containment measures, while private investment indicators fell in line with weaker demand. Nevertheless, public spending continued to play a role in supporting the economy.

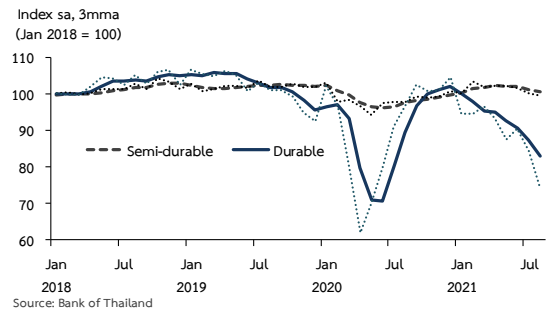
Private Consumption

Private Consumption Indicators

%YoY	2020	2020		2021						%MoM sa
		H1	H2	H1	Q1	Q2	Jul	Aug ^p		
Non-durables index	-1.7	-2.6	-0.8	-2.3	-4.2	-0.2	-10.4	-11.1	-1.2	
Semi-durables index	-3.5	-3.7	-3.3	4.0	2.0	6.1	2.1	1.9	-0.3	
Durables index	-12.7	-21.3	-4.3	11.1	-1.9	27.9	-8.0	-22.3	-11.7	
Services index	-21.3	-18.9	-23.7	-7.9	-17.3	4.0	-4.8	-7.7	-2.9	
(less) Net tourist expenditure	-76.6	-59.6	-91.5	-84.0	-91.0	-35.2	-12.7	-8.9	0.2	
PCI	-1.9	-4.7	0.9	1.5	-1.1	4.3	-6.8	-9.2	-2.6	

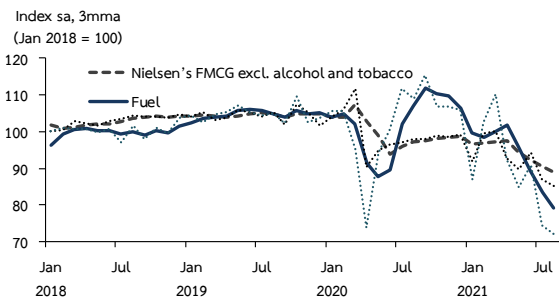
Note: %MoM is calculated from seasonally adjusted data P = Preliminary Data
Source: Bank of Thailand

Durable and Semi-durable Indices



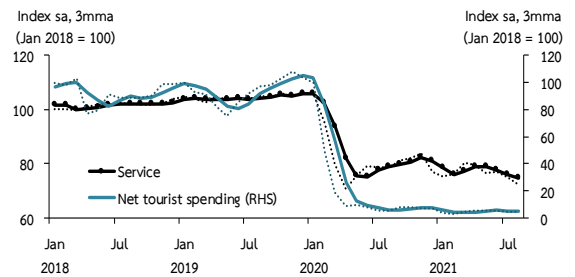
Source: Bank of Thailand

Nielsen's FMCG Index & Fuel Index



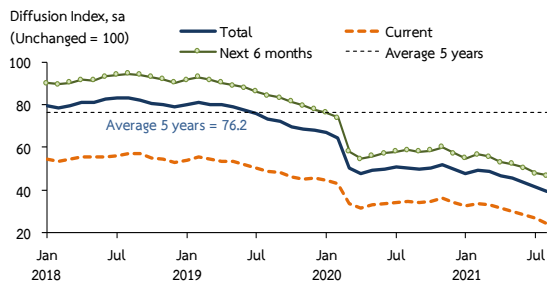
Source: The Nielsen company and Department of Energy Business, calculated by Bank of Thailand

Service Index* & Net Tourist Spending Index**



Note: * Comprises of the VAT on hotel and restaurant sector and the sale of transportation sector
** Expenditure of non-resident in Thailand subtracted by expenditure of resident abroad
Source: Bank of Thailand

Consumer Confidence Index



Source: The University of the Thai Chamber of Commerce, calculated by Bank of Thailand

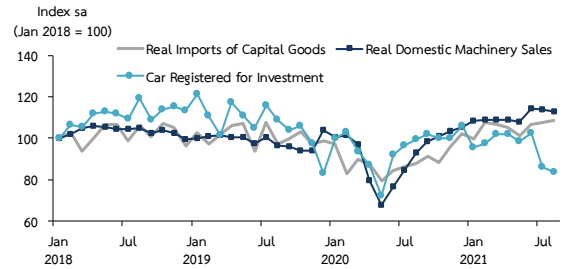
Private Investment

Private Investment Indicators

% YoY	2020	2020		2021					%MoM
		H1	H2	H1	Q1	Q2	Jul	Aug ^P	
Permitted Construction Area (9mma)	-2.6	-0.6	-4.6	-10.0	-10.6	-9.4	-7.5	-4.4	2.1
Construction Materials Index	-2.4	-0.1	-4.9	0.1	3.9	-3.6	-17.6	-10.4	6.7
Real Imports of Capital Goods	-11.4	-14.2	-8.7	20.2	16.3	24.5	24.9	23.1	1.1
Real Domestic Machinery Sales	-6.8	-13.2	-0.2	26.2	10.4	47.8	35.5	19.5	-1.1
Newly Registered Motor Vehicles for Investment	-10.9	-17.8	-2.6	9.0	0.1	20.3	-10.8	-16.0	-3.1
Private Investment Index	-6.0	-9.1	-2.9	13.9	7.2	21.7	13.6	9.6	-1.6

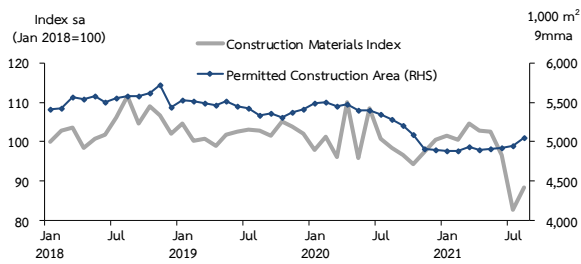
Note: %MoM is calculated from seasonally adjusted data P = Preliminary Data
Source: Bank of Thailand

Investment in Machinery and Equipment



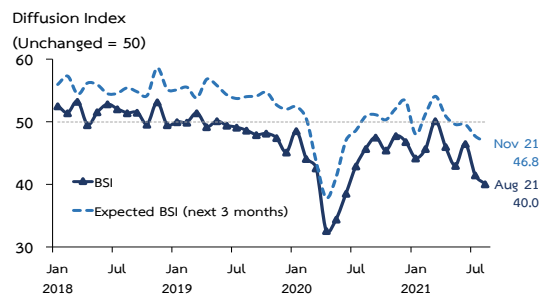
Note: All data is in real terms.
Source: Department of Land Transport, Customs Department, Revenue Department, calculated by Bank of Thailand

Investment in Construction



Note: All data is in real terms.
Source: NSO, Department of Public Works and Town & Country Planning, calculated by Bank of Thailand

Business Sentiment Index



Source : Bank of Thailand

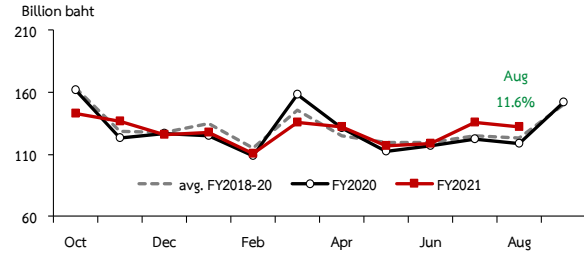
Fiscal position and public expenditure

Fiscal Position (Cash Basis)

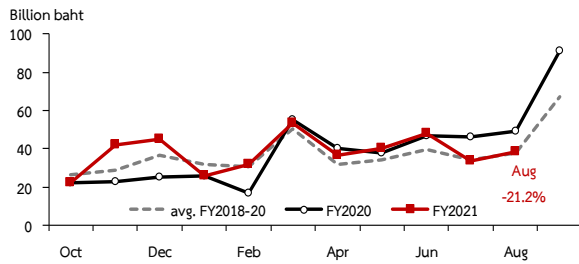
Billion baht	FY2019	FY2020	FY2020				FY2021				
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Jul	Aug ^P
Revenue	2,540	2,340	648	538	539	615	618	487	644	226	173
(%YoY)	(1.1)	(-7.9)	(5.4)	(-2.3)	(-30.7)	(3.0)	(-4.7)	(-9.5)	(19.5)	(7.8)	(21.6)
Expenditure 1/	2,975	3,071	796	761	788	726	959	665	700	264	251
(%YoY)	(3.2)	(3.2)	(-13.9)	(5.9)	(20.6)	(6.9)	(20.5)	(-12.6)	(-11.2)	(18.4)	(36.8)
Budgetary B/L	-435	-730	-148	-223	-249	-110	-341	-178	-56	-38	-78
Non-Budgetary B/L	125	-243	-119	-10	-167	53	-75	-266	-233	-52	-64
Cash B/L (CG)	-310	-973	-267	-233	-416	-58	-416	-444	-289	-90	-142
Primary balance 2/	-159	-821	-201	-224	-347	-49	-344	-433	-217	-79	-140
Net Financing	190	1,033	70	108	540	315	317	322	398	74	197
Treasury B/L	513	572	316	191	315	572	473	351	373	444	499

Note: P = Preliminary data 1/ Includes cash payments for operating and purchase of non-financial assets, except loan repayments 2/ Excludes loan principal and interest payment

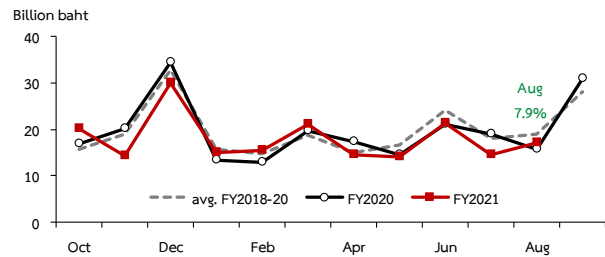
Central Government Current Expenditure
(Excl. Subsidies/Grants and Other)



Central Government Capital Expenditure
(Excl. Subsidies/Grants and Other)



State Owned Enterprises Capital Expenditure



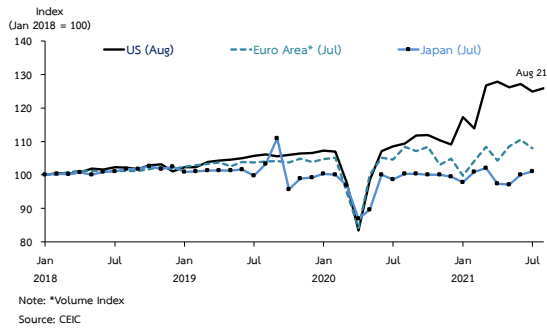
Source: Comptroller General's Department, Fiscal Policy Office and Bank of Thailand

2.3 The Global Economy and External Sector

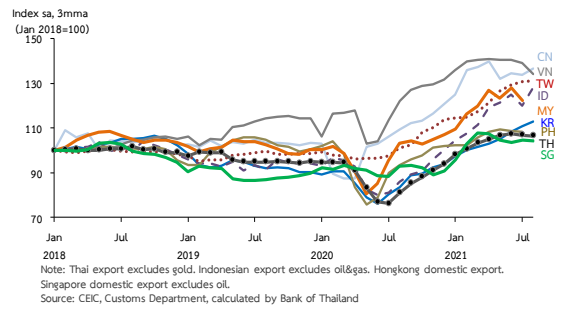
The value of merchandise exports, after seasonal adjustment, declined from the previous month due to softer demand from trading partners and the supply disruption both in domestic and external markets. Foreign tourist figures decreased as the COVID-19 outbreak situation deteriorated both in Thailand and abroad. Current account registered a larger deficit compared to the previous month.

The global economy

G3 Retail Sales



Asian Export Performance



External sector

Export Value

Jul 2021 = 22.5 Bn USD (21.7%YoY) Aug 2021 = 21.8 Bn USD (8.2%YoY)
Ex. gold = 22.0 Bn USD (30.2%YoY) Ex. gold = 21.4 Bn USD (23.3%YoY)

%YoY	Share 2020	2020 ^P		2021 ^P					Aug (%MoM)	
		2020 ^P	H1	H2	H1	Q1	Q2	Jul		Aug
Agriculture	7.1	-1.2	-2.8	0.7	24.3	18.3	29.3	56.0	59.4	-1.8
Fishery	0.7	-15.2	-9.9	-19.8	2.9	-8.3	13.4	11.8	10.0	-0.5
Manufacturing	85.2	-8.7	-11.4	-5.9	22.6	7.6	41.8	26.5	21.3	-3.1
Agro-manufacturing	13.6	-0.1	0.9	-1.1	14.2	9.5	19.1	13.0	5.3	-4.3
Electronics	15.2	1.3	-0.9	3.2	21.2	10.7	32.6	28.0	14.5	-8.4
Electrical Appliances	5.9	-0.2	-6.5	6.8	25.6	11.1	44.6	12.4	5.7	-3.7
Automotive	13.2	-17.6	-25.5	-9.5	52.0	21.2	111.8	39.0	19.0	-9.6
Machinery & Equipment	8.2	-8.0	-15.7	-0.2	27.7	17.3	41.0	20.5	12.5	0.7
Petroleum Related	10.3	-14.9	-17.9	-11.8	34.5	13.4	60.2	53.3	60.4	5.8
Total (BOP Basis)	100.0	-6.5	-8.2	-4.8	19.0	5.0	36.2	21.7	8.2	-4.1
Ex. Gold		-8.9	-12.2	-5.6	26.5	11.5	45.2	30.2	23.3	-3.5
Ex. Gold & Petroleum Related		-8.1	-11.4	-4.8	25.5	11.3	43.2	27.3	18.6	-4.9

%MoM calculated from seasonally adjusted data. P = Preliminary data.
Note: Data above are recorded by custom basis, except total export value which is recorded by BOP basis. Custom basis considers recording as goods pass through Customs, while BOP basis considers changes in ownership between residents and non-residents.
Source: Compiled from Customs Department's data

Import Value

Jul 2021 = 19.2 Bn USD (36.6%YoY) Aug 2021 = 19.9 Bn USD (39.6%YoY)
Ex. Gold = 19.0 Bn USD (35.9%YoY) Ex. Gold = 19.5 Bn USD (39.4%YoY)

%YoY	Share 2020	2020 ^P		2021 ^P					Aug (%MoM)	
		2020 ^P	H1	H2	H1	Q1	Q2	Jul		Aug
Consumer	11.8	-7.9	-7.7	-8.2	14.0	3.4	26.0	22.0	21.0	-0.2
Raw material & Intermediate	54.9	-12.3	-13.1	-11.6	30.2	8.4	58.0	54.8	65.9	6.2
o/w Fuel	12.3	-27.2	-25.4	-29.1	25.6	-12.4	98.7	76.3	83.5	8.5
o/w Raw mat & Intern ex. Fuel	42.6	-6.9	-8.3	-5.4	31.7	16.5	48.7	49.3	60.9	5.5
Capital	23.7	-12.0	-11.2	-12.7	18.3	10.1	28.0	29.2	22.9	0.9
Others	9.6	-21.5	-23.4	-19.4	35.7	18.0	76.0	81.0	45.7	8.9
Total (BOP Basis)	101.0	-13.8	-14.1	-13.5	23.8	9.5	41.8	36.6	39.6	5.1
Ex. Gold		-13.2	-13.5	-12.9	21.2	5.6	40.6	35.9	39.4	4.6
Ex. Gold&Fuel		-10.6	-11.1	-10.1	20.5	9.2	33.5	30.3	33.0	3.8

%MoM calculated from seasonally adjusted data. P = Preliminary data.
Note: 1/ Data above are recorded by custom basis, except total import value which is recorded by BOP basis. Custom basis considers recording as goods pass through Customs, while BOP basis considers changes in ownership between residents and non-residents.
Source: Compiled from Customs Department's data

Net financial flows and balance of payments

Net Financial Flows

Millions of USD	2020 ^P	2020 ^P		2021 ^P		
		H1	H2	H1	Q1	Q2
1. Assets	-7,074	2,098	-9,172	-9,133	-7,016	-2,116
TDI	-19,002	-10,684	-8,318	-6,137	-3,288	-2,849
- Equity	-9,843	-6,006	-3,837	-3,436	-2,542	-895
- Reinvestment of earnings	-1,803	-675	-1,129	-1,498	-582	-916
Thai portfolio investment	-4,058	3,006	-7,065	-13,739	-10,136	-3,603
- Equity security investment	-12,005	-991	-11,014	-14,702	-10,401	-4,301
- Debt security investment	7,946	3,997	3,950	963	265	697
Loans	-1,081	-2,303	1,222	476	778	-303
Other investments	17,068	12,080	4,988	10,268	5,629	4,638
- Trade credits	2,525	4,680	-2,155	2,701	296	2,405
- Deposits abroad	9,372	4,866	4,506	6,069	3,840	2,230
2. Liabilities	-4,917	-5,759	842	3,178	1,874	1,304
FDI	-4,845	2,366	-7,211	5,866	4,392	1,474
- Equity	-4,773	3,212	-7,985	1,903	1,312	591
- Reinvestment of earnings	-283	-501	217	3,501	2,581	920
Foreign portfolio investment	-8,089	-8,771	681	1,086	438	647
- Equity security investment	-8,019	-6,657	-1,362	-2,113	-620	-1,493
- Debt security investment	-70	-2,114	2,044	3,199	1,058	2,141
Loans	12,276	3,094	9,182	-696	-1,194	498
Other investments	-4,259	-2,449	-1,810	-3,078	-1,762	-1,316
- Trade credits	1,583	44	1,539	1,188	1,099	89
- Deposits abroad	530	466	63	-723	-726	3
Total financial flows (1+2)	-11,991	-3,661	-8,330	-5,955	-5,142	-812

Source: Bank of Thailand P = Preliminary data E = Estimated data

Balance of Payments

Billion USD	2020 ^P	2020 ^P		2021 ^P					
		H1	H2	H1	Q1	Q2	Jul ^E	Aug ^E	YTD
Trade Balance	40.9	18.0	22.8	17.1	7.4	9.7	3.4	1.9	22.4
Exports (f.o.b.)	227.0	110.7	116.3	131.8	64.0	67.8	22.5	21.8	176.1
%YoY	-6.5	-8.2	-4.8	19.0	5.0	36.2	21.7	8.2	17.9
Imports (f.o.b.)	186.1	92.6	93.5	114.7	56.6	58.0	19.2	19.9	153.7
%YoY	-13.8	-14.1	-13.5	23.8	9.5	41.8	36.6	39.6	27.1
Net Services, Income & Transfers	-20.6	-5.4	-15.2	-24.3	-10.2	-14.1	-3.8	-4.4	-32.5
Current Account	20.3	12.6	7.7	-7.2	-2.8	-4.4	-0.5	-2.5	-10.2
Capital and Financial Account	-11.9	-3.6	-8.3	-8.3	-5.1	-0.8			
Overall Balance	18.4	15.4	2.9	-8.5	-6.1	-2.5	-0.3	3.8	-5.1

Source: Bank of Thailand P = Preliminary data E = Estimated data

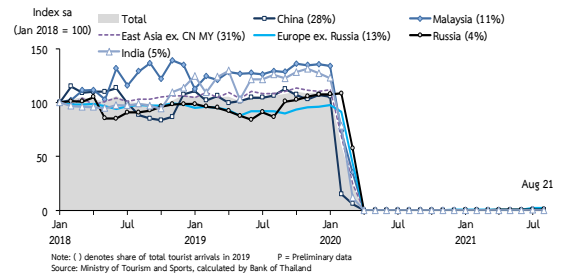
Foreign tourist arrivals

Inbound Tourists by Country of Origin

Thousand persons (Share in 2019)	2019	2020	2020		2021				
			H1	H2	H1	Q1	Q2	Jul	Aug ^P
China (27.9%)	11,138.7	1,249.9	1,247.6	2.3	3.0	1.5	1.5	1.0	1.0
Malaysia (10.7%)	4,274.5	619.5	619.4	0.1	0.8	0.2	0.6	0.2	0.2
Asia ex. China & Malaysia (30.7%)	12,256.8	1,870.0	1,868.1	1.9	8.3	3.5	4.8	2.4	1.7
Russia (3.7%)	1,481.8	587.2	587.0	0.2	1.7	0.9	0.7	0.2	0.3
Europe ex. Russia (12.6%)	5,049.4	1,491.8	1,487.6	4.2	15.5	8.9	6.5	7.3	7.0
India (4.9%)	1,961.1	261.8	261.7	0.1	0.3	0.2	0.1	0.2	0.1
Others (9.4%)	3,754.0	622.2	620.2	2.1	10.9	4.9	6.0	6.7	4.8
Total	39,916.3	6,702.4	6,691.6	10.8	40.4	20.2	20.3	18.1	15.1
(%YoY)	(4.6)	(-83.2)	(-66.2)	(-99.9)	(-99.4)	(-99.7)	(n.a.)	(n.a.)	(n.a.)

Source: Ministry of Tourism and Sports

Tourists Classified by Nationality



2.4 Monetary and Financial Conditions

Total corporate financing increased from the previous month, while net loans extended to the household sector declined slightly. On exchange rates, the baht against the US dollar and the NEER depreciated from the previous month as the COVID-19 situation in Thailand worsen.

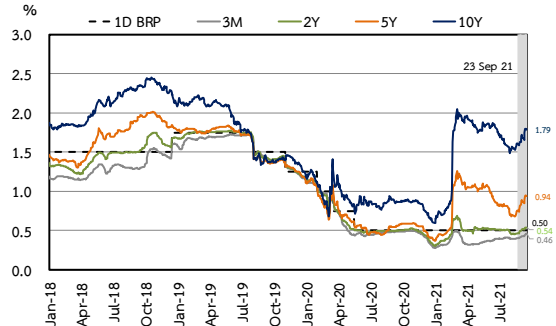
Interest rates

Commercial Bank Interest Rates*

% p.a.	2019	2020				2021	
		Q1	Q2	Q3	Q4	Q2	Aug
12-month deposit rate							
Average of 6 largest Thai banks**	1.33	0.75	0.49	0.49	0.49	0.45	0.45
Average of other Thai banks	1.51	1.26	0.99	0.88	0.89	0.81	0.91
Average of foreign branches and subsidiary	1.11	0.84	0.60	0.58	0.56	0.54	0.53
MLR							
Average of 6 largest Thai banks	6.08	5.93	5.36	5.36	5.36	5.49	5.49
Average of other Thai banks	7.19	7.13	6.71	6.69	6.69	6.59	6.71
Average of foreign branches and subsidiary	7.59	7.41	6.87	6.86	6.84	6.79	6.79
MRR							
Average of 6 largest Thai banks	6.89	6.64	6.00	6.00	6.00	6.04	6.08
Average of other Thai banks	7.73	7.66	7.12	7.09	7.09	7.09	7.32
Average of foreign branches and subsidiary	8.44	8.32	7.89	7.89	7.93	7.91	7.91

* End of Period
 ** Bangkok Bank, Krung Thai Bank, Kasikorn Bank, Siam Commercial Bank, Bank of Ayudhya and TMBThanachart Bank since July 2021
 Source: Bank of Thailand

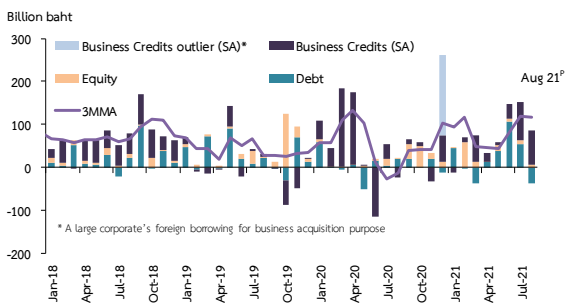
Government Bond Yields



Sources: Bank of Thailand and ThaiBMA

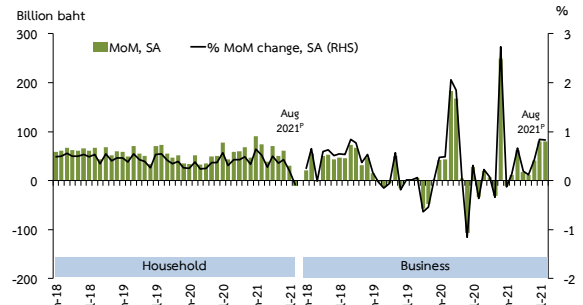
Corporate financing

Changes in Total Corporate Financing



Note: (1) Business credits: net changes in outstanding loans extended by other depository corporations, other financial corporations, non-residents and others;
 (2) Debt : net changes in outstanding bonds (market value);
 (3) Equity : new issuance at par value
 Sources: Bank of Thailand, ThaiBMA, SET

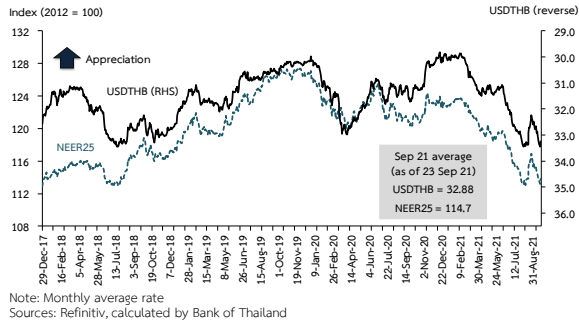
Net Changes in Outstanding Loans



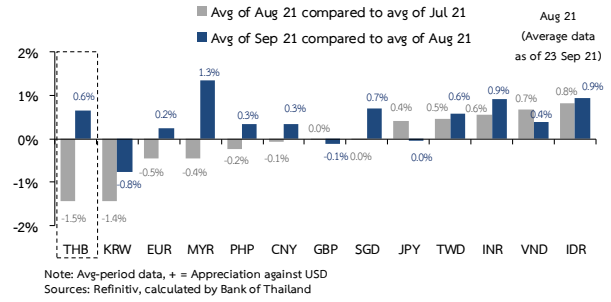
Note: net changes in outstanding loans extended by other depository corporations, other financial corporations, non-residents and others.

Exchange rates

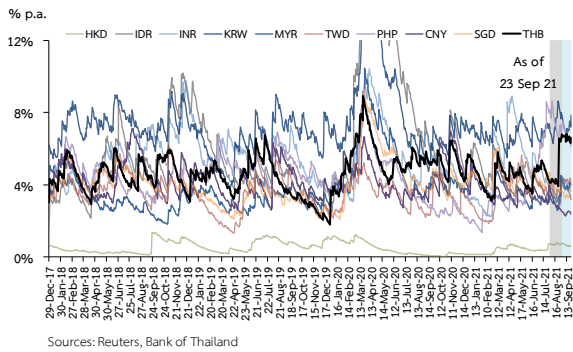
Exchange Rates



Exchange Rate Movement



Regional Exchange Rate Volatility

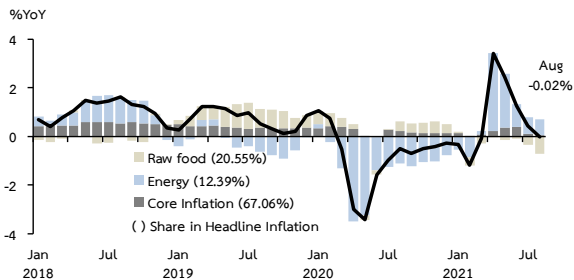


2.5 Financial Stability

Headline inflation turned negative as a result of lower fresh food prices and the government’s subsidies on tuition fee. Labor market became more vulnerable due to stricter containment measures in response to the worsening situation of COVID-19 outbreak.

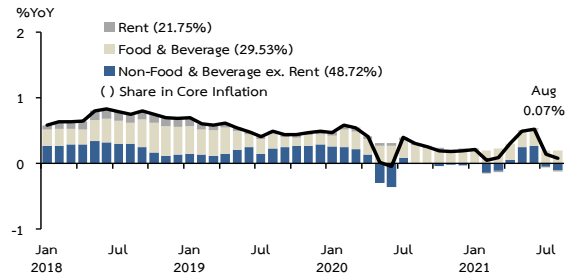
Inflation

Headline Inflation Contribution



Sources: Ministry of Commerce calculated by Bank of Thailand

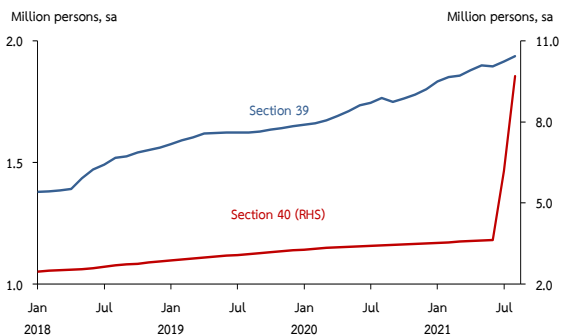
Core Inflation Contribution



Sources: Ministry of Commerce calculated by Bank of Thailand

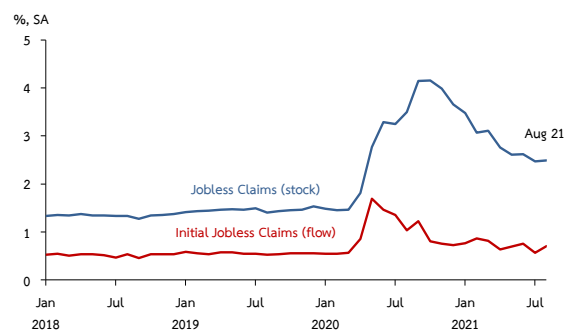
Labor market

Total Contributors in Section 39* and 40**



Note: * Section 39 refers to former-employees who remain in the social security
 ** Section 40 refers to self-employed who apply for social security
 Source: Social Security office, calculated by Bank of Thailand

Ratio of Jobless Claims to Total Contributors in Section 33



Note: * Employees who contribute to social security system (Section 33) account for 31% of total employment.
 Source: Social Security office, calculated by Bank of Thailand

External stability

External Debt Outstanding

Billion USD	2019 ^P	2020 ^P	2020 ^P		2021 ^P			Change Q2 2021 -Q1 2021
			H1	H2	H1	Q1	Q2	
			1. General government	34.2	33.9	31.1	33.9	33.5
2. Central Bank*	3.8	3.4	3.2	3.4	2.0	2.2	2.0	-0.2
3. Other Depository Corporations (ODC)	37.7	39.0	39.4	39.0	37.5	36.7	37.5	0.8
4. Other Sectors	96.2	114.5	98.2	114.5	114.8	116.1	114.8	-1.4
- Other Financial Corporations (OFC)	19.8	23.4	20.2	23.4	23.4	23.2	23.4	0.2
- Non Financial Corporations (NFC)	76.4	91.0	77.9	91.0	91.4	93.0	91.4	-1.6
O/W Foreign Trade Credit	23.5	25.0	22.6	25.0	26.5	26.4	26.5	0.1
5. Total	171.9	190.7	171.9	190.7	187.8	186.5	187.8	1.2
Short-term (%)	34.8	39.2	36.1	39.2	38.0	38.7	38.0	
Long-term (%)	65.2	60.8	63.9	60.8	62.0	61.3	62.0	

Note: *Including BOT bonds held by non-residents and SDRs allocations by IMF
Source : Bank of Thailand P=Preliminary data E=Estimated data

External Stability Indicators

	Criteria	2019 ^P	2020 ^P	2020 ^P		2021 ^P		
				H1	H2	H1	Q1	Q2
Solvency Indicators								
Current Account / GDP (%)	> -2	7.0	4.0	5.1	3.0	-2.8	-2.1	-3.5
Debt / GDP (%)	< 80 ^{2/}	34.2	36.8	33.6	36.8	36.0	35.9	36.0
Debt / XGS ^{1/} (%)	< 220 ^{2/}	53.9	62.8	54.7	62.8	63.3	62.4	63.3
Debt Service Ratio (%)	< 20	6.7	7.4	6.7	8.2	5.7	7.2	4.3
Liquidity Indicators								
Gross Reserves / ST Debt ^{3/}	> 1 time	3.1	3.0	3.2	3.0	2.9	2.8	2.9
Gross Reserves / Imports ^{4/}	> 3 times	9.9	13.3	11.5	13.3	11.3	12.4	11.3
ST Debt / Total Debt (%)		34.8	39.2	36.1	39.2	38.0	38.7	38.0

Note: ^{1/} XGS - Export of Goods and Services (3-year average)

^{2/} Severely indebted countries

^{3/} ST Debt based on remaining maturity

^{4/} Monthly Import of Goods and Services (1-year average)

Source : Bank of Thailand P=Preliminary data E=Estimated data

3. Link to related statistics and contents

■ Agricultural sector

Agricultural prices: [Agricultural prices](#)

Agricultural production: [Agricultural products](#)

More information: Office Of Agricultural Economics www.oae.go.th

■ Manufacturing sector

Manufacturing production: [Manufacturing production index \(MPI\)](#)

Capacity utilization rate: [Capacity utilization rate](#)

More information: Office of Industrial Economics <http://www.oie.go.th/view/1/Home/EN-US>

■ Real estate sector

Property Indicators: [Property Indicators \(EC_EI_009_S2\)](#)

More information: Real Estate Information Center www.reic.or.th/

■ Public finance

Central government revenue: [Government revenue](#)

Central government expenditure (GFSM2001): [Government expenditure \(EC_PF_011\)](#)

Fiscal Position (GFSM2001): [Fiscal position in cash basis \(EC_PF_009\)](#)

More information: Fiscal Policy Office www.fpo.go.th

■ Labor market

Labor force survey: [Labor force survey \(EC_RL_009_S4\)](#)

Employment: [Number of employed persons classified by occupation \(EC_RL_012\)](#)

Average wage: [Average wage classified by industry \(EC_RL_014_S2\)](#)

More information: National Statistical Office www.nso.go.th

■ Inflation

Inflation: [Consumer price index \(CPI\)](#)

More information: Bureau of Trade and Economic Indices www.price.moc.go.th

■ Other reports of Monetary Policy Group, Bank of Thailand

Monthly report on Business Sentiment Index: [Business Sentiment Index](#)

Quarterly report on Business Outlook: [Business Outlook Report](#)

Quarterly report on Credit Condition: [Senior Loan Officer Survey](#)

Contact

Agricultural sector	Sectoral Analysis Division	0 2283 6637
Manufacturing sector	Sectoral Analysis Division	0 2283 5650
Service sector	Sectoral Analysis Division	0 2356 7300
Real estate sector	Macro Surveillance Team 1-2	0 2356 7096
Private consumption	Macroeconomics Team 1-2	0 2283 5647
Private investment	Macroeconomics Team 1-2	0 2283 5639
Public finance	Public Finance Team	0 2356 7877
The global economy	International Economics Division	0 2283 5147
External sector and balance of payments	Balance of Payment Division	0 2283 6726
Monetary and financial conditions	Monetary Policy Strategy Division	0 2283 6186
Inflation	Macro Surveillance Team 1-2	0 2283 7090
Labor market	Sectoral Analysis Division	0 2283 5645
Financial Stability	Macro Surveillance Team 1-2	0 2356 7098
Financial Position	Macro Surveillance Team 1-2	0 2356 7098
External stability	Balance of Payment Division	0 2283 5636