

BUSINESS RESEARCH

THAI ECONOMIC AND FINANCIAL UPDATE

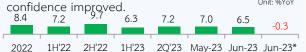
for August 2023

Highlight:

Thailand's economy continues to recover. The tourism sector improved in line with the number of Thai and foreign tourists. Meanwhile, the manufacturing sector declined in line with the drop in export value. Private consumption and investment slowed down after accelerating last month.

Private Consumption

Private consumption indicators fell slightly from the previous month as most categories declined following the end of the temporary support provided by the election, the postponement of government welfare payments and the acceleration of car deliveries. In terms of household purchasing power, both employment and consumer



Note:*%MoM is calculated from seasonally adjusted data.

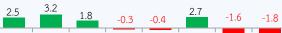
Farm Income

Farm income declined due to lower prices for agricultural products such as rubber, oil palm and livestock while total production remained stable.

| ltem (%YoY) | | Farm Income | | Agricultural Price | | Agricultural Production | |
|-------------|-------------|-------------|--------|-----------------------|--------|----------------------------|--------|
| | | May-23 | Jun-23 | May-23 | Jun-23 | May-23 | Jun-23 |
| | Agriculture | -8.0 | -6.0 | -2.6 | -6.0 | -5.6 | 0.0 |
| B | Paddy | 39.6 | 34.1 | 12.4 | 8.1 | 24.2 | 24.1 |
| | Rubber | -30.1 | -26.5 | -27.9 | -27.7 | -2.9 | 1.6 |
| Û | Durian | -16.2 | 0.5 | 42.5 | 19.1 | -41.2 | -15.6 |
| 罾 | Palm kernel | -49.9 | -44.9 | -47.7 | -43.9 | -4.2 | -1.8 |
| S-J | Swine | -10.0 | -15.1 | -16.5 | -22.0 | 7.8 | 8.8 |

Private Investment

Private investment indicators after seasonal adjustment decreased from the previous month, mainly due to a decline in imports of capital goods and a drop in investment in the construction sector due to the sale of construction materials. On the other hand, the permitted construction area in the industrial and factory sector continued to increase, especially in the EEC.



2022 1H'22 2H'22 1H'23 2Q'23 May-23 Jun-23 Jun-23* Note:*%MoM is calculated from seasonally adjusted data.

MPI and Capacity Utilization (Cap-U)

Industrial production continued to decline in line with a slowdown in demand from trading partners. However, petroleum production returned to normal following a refinery outage last month.

| | MPI (%YoY) | 2022 | 1H23 | May-23 | Jun-23 | %MoM |
|---|-----------------------|------|---------|--------|--------------|-----------------|
| | Overall MPI | 0.4 | -4.6 | -3.0 | -5.2 | -2.5 |
| Ð | Petroleum | 8.7 | 3.9 | -2.0 | 1.6 | 2.0 |
| | Food | 2.2 | -1.2 | -1.0 | -4.7 | -5.0 |
| | Electrical appliances | -5.9 | -11.3 | -8.9 | -12.4 | -11.1 |
| • | ty Utilization Rate | 3.6 | 62.0 59 | | 2023 63.3 | Unit: % 59.7 |
| | 6M Apr | | May | 1 | Jun | |

Exports

- In June, exports contracted for the ninth consecutive month as trading partners' economies slowed due to inflationary pressures and high interest rates. As a result, production and consumption was slowed.
- In 1H2023, Thailand's exports fell by 5.4%YoY to USD 141.2 bn due to a decline in all major export markets amid the global economic slowdown. However, the recent depreciation of the baht has improved the competitiveness of exporters.

| Market | Share (%) | Jan-Jur | 2023 | Jun-23 | | |
|-------------------|------------|--------------|-------|---------|-------|--|
| Market | Jan-May 23 | USD Mn | %YoY | USD Mn | %YoY | |
| Total | 100.0 | 141,170 | -5.4 | 24,826 | -6.4 | |
| ASEAN | 23.8 | 33,601 | -9.9 | 5,557 | -20.1 | |
| U.S.A. | 16.4 | 23,128 | -3.6 | 4,212 | -4.8 | |
| China | 12.6 | 17,766 | -3.7 | 3,452 | 4.5 | |
| EU | 9.5 | 13,385 | -0.4 | 2,173 | -6.4 | |
| Japan | 8.9 | 12,516 | -1.3 | 2,156 | 2.6 | |
| Australia | 3.9 | 5,441 | 0.0 | 1,160 | 17.5 | |
| Commodit | y Price | Jan-Jun 2023 | | Jun-23 | | |
| & Exchang | ge Rate | Price | %YoY | Price | %YoY | |
| Dubai oil price (| (USD/bbl) | 78.7 | -23.3 | 74.7 | -35.5 | |
| Gold price (USD |)/troy oz) | 1,933.3 | 3.2 | 1,942.9 | 5.8 | |
| Exchange rate (| THB/USD) | 34.2 | 1.4 | 34.9 | -0.1 | |
| NEER index | | 120.1 | 3.2 | 119.3 | 3.5 | |



Sources: BOT, OAE, MOC, World Bank, and OIE Note: MPI stands for Manufacturing Production Index

Domestic Vehicle Sales

In June, total car sales were down 5.2%YoY due to a decline in sales of commercial vehicles, particularly 1-ton pickup, which were down 33.8%YoY, due to tight credit underwriting by financial institutions, which remain concerned about the slow economic recovery and high household debt levels. However, passenger car sales continued to perform well with 24.2%YoY, albeit from a low base due to the microchip shortage last year.

Domestic vehicle sales, 6M2023

| | МІТЗИВІЗНІ | 2 Toy 3 Toy 4 Ho | By zu D-Ma yota Hilu yota Yari: nda City rd Range | × 1 s ATIV | 9.8% 6.3% 7.5% 6.5% 4.2% |
|---|-----------------------|------------------------|--|---------------|--------------------------------------|
| In the first half of 2023, domestic | Domestic Vehicle | Jan-Jun | 2023 | Jun | -23 |
| car sales decreased by 5.0%YoY to 406,131 units, mainly due to a | Sales by Body Type | Unit | %YoY | Unit | %YoY |
| decline in commercial vehicle | Passenger car | 148,087 | 9.0 | 24,333 | 24.2 |
| sales. However, in terms of models, | Fassenger car | 140,007 | 9.0 | 24,555 | 24.2 |
| the pickup group remained the | Commercial car | 258,044 | -11.4 | 40,107 | -17.1 |
| most popular, with the Isuzu D-Max | Pickup 1 ton | 149,685 | -24.5 | 22,139 | -33.8 |
| taking the highest market share at 19.8%, followed by the Toyota | SUV | 54,210 | 31.4 | 8,720 | 26.9 |
| Hilux at 16.3% and the Toyota Yaris | Other | 54,149 | 4.4 | 9,248 | 14.9 |
| ATIV at 7.5%. | Overall | 406,131 | -5.0 | 64,440 | -5.2 |

Thai GDP Forecast by BOT (%YoY) %YoY 2021 2022 2023e 2024e Private Consumption 0.3 6.3 4.4 2.9 4.2 3.6 3.8 2.2 2.6 Government Consumption 3.2 0.2 -2.8 1.1 1.5 Private Investment 3.3 5.1 1.7 4.9 Public Investment 3.8 -4.9 2.5 6.8 Value of Merchandise Exports 18.8 5.5 -0.1 3.6 -62 Headline Inflation (%) 1.2 2.5 2018 2019 2020 2021 2022 2023e 2024e 6.1 2.4

Tourism

Foreign tourist arrivals in the first half of 2023 continued to grow well following the increase in tourists of various nationalities. In particular, Asian countries by Malaysian, Chinese, South Korean and Indian tourists, as well as the return of Russian tourists. Nevertheless, global tourism continues to be affected by the slowing global economy. Including geopolitical conflicts in the South China Sea area and the Russia-Ukraine conflict.

International tourist arrivals, 6M2023

| No. of Foreign Arrivals | Total Revenues | Top 5 Nationalities Visiting Thailand |
|-------------------------|----------------|---------------------------------------|
| I I. | 67 | |
| 12,914,691 Persons | 550,157 THB Mn | Malaysia China Russia S.Korea India |
| +520.6%YoY | +462.1%YoY | 16.3% 11.2% 6.1% 5.9% 5.9% |

The average hotel occupancy rate nationwide was 68.6% in the first half of 2023, improved from the same period last year, following the increase in both Thai and foreign tourists, with the region with the highest occupancy rate in June was Bangkok. Because it is a major tourist destination popular with foreign tourists. Occupancy Rate, 6M2023 North Northeast 62.0% 58.3% Central & West exc. BKK 59.7% 69.6% South BKK 73.2% 76.5%



Sources: NESDC, Toyota, FTI, and MOTS

| | Share | Jan-Jun 2 | 3 | Jun-23 | |
|--|------------------|-------------|-------|-------------|-------|
| Major products | Jan-Jun 2023 (%) | USD million | %YoY | USD million | %YoY |
| Total exports | 100.0 | 141,170 | -5.4 | 24,826 | -6.4 |
| Agriculture | 9.8 | 13,877 | -3.2 | 2,568 | -7.4 |
| - Rice | 1.6 | 2,224 | 20.9 | 328 | -15.0 |
| - Rubber | 1.2 | 1,746 | -38.9 | 261 | -43.0 |
| - Таріоса | 1.4 | 2,033 | -18.8 | 271 | -16.7 |
| - Fruits | 3.0 | 4,204 | 18.9 | 1,078 | 14.2 |
| - Fishery | 0.5 | 760 | -6.5 | 141 | -6.0 |
| Agro-industrial | 8.3 | 11,758 | -2.3 | 1,966 | -10.2 |
| - Prepared or preserved seafood | 1.2 | 1,696 | -10.6 | 286 | -16.7 |
| - Cane sugar and molasses | 1.7 | 2,338 | 28.2 | 395 | 31.3 |
| - Wheat products and other food preparations | 0.8 | 1,189 | -4.7 | 201 | -8.1 |
| - Beverages | 0.8 | 1,067 | 5.2 | 191 | 8.3 |
| Manufacturing | 78.1 | 110,190 | -5.3 | 19,317 | -4.6 |
| - Automotive | 13.6 | 19,191 | 4.9 | 3,413 | 11.4 |
| - Electronics | 15.7 | 22,231 | 1.5 | 4,404 | 0.2 |
| - Electrical appliances | 10.7 | 15,130 | 0.7 | 2,542 | 3.2 |
| - Precious stones and jewelry | 5.3 | 7,512 | -14.1 | 929 | -17.3 |
| - Unwrough gold | 2.2 | 3,163 | -35.0 | 192 | -65.9 |
| - Rubber products | 4.8 | 6,783 | -6.5 | 1,157 | -6.9 |
| - Petro-chemical products | 3.2 | 4,502 | -24.6 | 768 | -22.2 |
| - Chemicals | 3.0 | 4,224 | -18.0 | 744 | -14.3 |
| - Machinery & equipment | 3.0 | 4,232 | -6.1 | 822 | 0.1 |
| - Apparels & Textile | 2.2 | 3,039 | -14.4 | 508 | -17.9 |
| - Metal & steel | 2.4 | 3,343 | -11.3 | 650 | -9.0 |
| Mining & Fuel | 3.8 | 5,346 | -17.8 | 975 | -25.5 |

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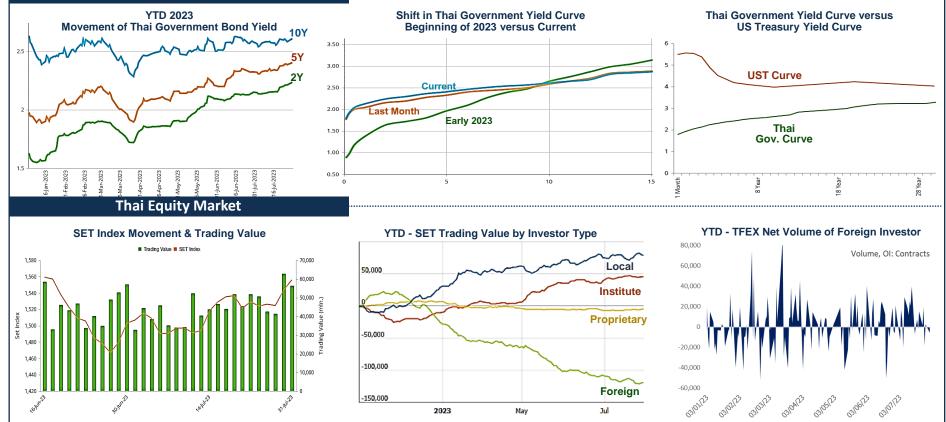


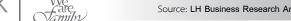
| | Jun-23 | |
|--|--|--------------------------------------|
| Products | USD million | %YoY |
| Automotive | 3,413 | 11.4 |
| - Passenger car | 934 | 14.3 |
| - Pick up and trucks | 716 | 2.9 |
| - Motorcycle | 290 | 5.1 |
| - Spark-ignition reciprocating internal combustion | 517 | 45.7 |
| - Parts & accessories | 843 | 3.8 |
| | | |
| | Jun-23 | |
| Products | Jun-23 USD million | %YoY |
| Products ► Electronics | | |
| | USD million | 0.2 |
| Electronics | USD million 4,404 | 0.2 -20.1 |
| Electronics Computer parts | USD million 4,404 1,879 | %YoY 0.2 -20.1 -36.5 5.3 |
| Electronics Computer parts HDD | USD million 4,404 1,879 1,009 | 0.2 -20.1 -36.5 |

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Thai Financial Market Data (1/2)





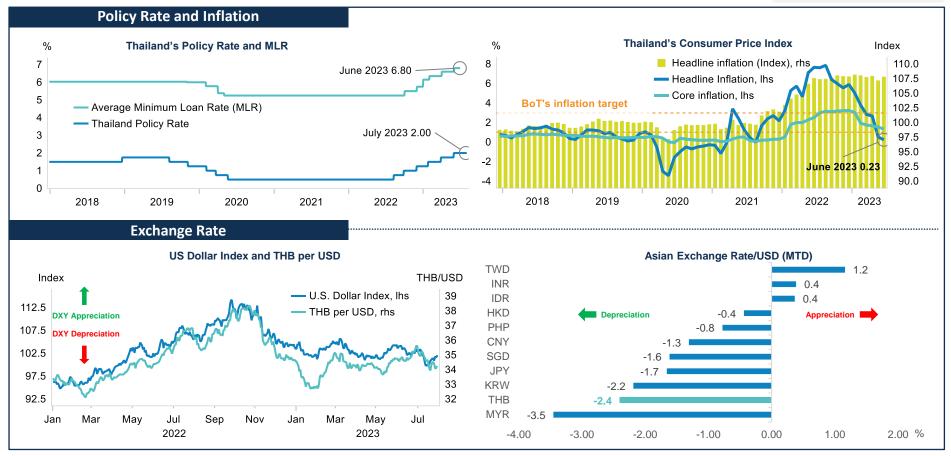


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Thai Financial Market Data (2/2)

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Data as of: 31 July 2023



End of Presentation

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