

Industrial Production Status

| Indicators | 2020 | 2021 | 2021 | | | | | | | 2022 | | | | | |
|------------|------|------|------|------|------|------|------|------|------|------|------|------|-------|------|------|
| | Year | Year | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | Jun. |
| MPI | -9.5 | 5.9 | 18.6 | 3.7 | -4.9 | 0.4 | 2.7 | 4.6 | 6.7 | 2.0 | 2.5 | 0.4 | -0.03 | -2.0 | -0.1 |

The industrial economy in **June 2022**, when considered from the **Manufacturing Production Index (MPI)**, slightly decreased by **0.1 percent** from the same period last year, some parts are affected by limitations in the global supply chain, this results in a shortage of some parts or raw materials. However, economic activity in the country gradually improved, this is partly reflected in the production of petroleum refining products with continued expansion for the 9th month in a row. In addition, the index in tourism-related goods also expanded well, such as accessories, jewelry, shoes, bags and beer.

When considering MPI data for the past three months compared to the previous year (%YoY), in March 2022 increased by 0.4 percent, April slightly decreased by 0.03 percent and May decreased by 2.0 percent.

| Indicators | 2021 | | | | | | | 2022 | | | | | |
|------------|------|------|------|------|------|------|------|------|------|------|-------|-----|------|
| | Jun. | Jul. | Aug. | Sep. | Oct. | Nov. | Dec. | Jan. | Feb. | Mar. | Apr. | May | Jun. |
| MPI | -2.0 | -8.3 | -3.6 | 9.3 | 2.9 | 3.3 | 1.5 | 2.1 | -2.6 | 8.1 | -17.0 | 7.6 | -0.1 |

In the past three months (March, April and May 2022), the MPI change rates (%MoM) were as follows: in March increased by 8.1 percent, April decreased by 17.0 percent and May increased by 7.6 percent.

Key industries that contributed to the MPI declining in June 2022 when compared to the same month of the previous year are:

- **Hard disk drives** decreased by 30.63 percent from reduced demand including the cancellation of the production of old products in some models.
- **Plastic pellets** decreased by 15.35 percent from the maintenance of some manufacturers.
- **Iron and steel** decreased by 16.72 percent as steel prices in the world market tend to decline, customers use existing steel in their warehouses instead of ordering more. Including some manufacturers temporarily refraining from producing some products and disposing of old products instead.

Key industries that are still expanding in June 2022 when compared to the same month of the previous year are:

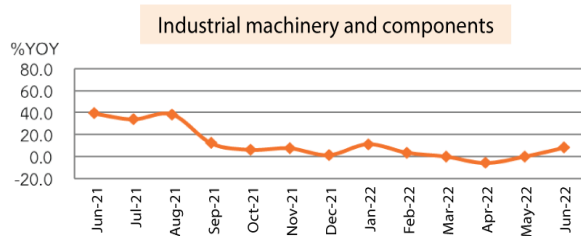
- **Petroleum refining** increased by 18.53 percent according to the recovery of tourism from the opening of the country for foreign tourists and relaxation of COVID-19 control measures.
- **Air conditioners** increased by 21.26 percent mainly due to the expansion of the export market following the economic recovery of trading partner countries after the COVID-19 pandemic such as the United States of America, the EU, coupled with volatile climates and rising temperatures in many countries, resulting in more orders.



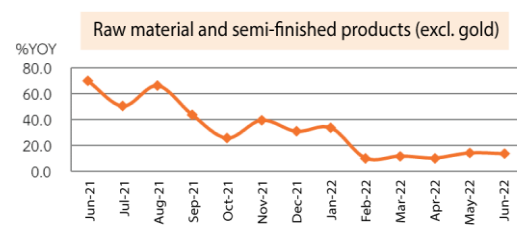
Other Industrial Economic Indicators in June 2022

Other Industrial Economic Indicators in June 2022

■ Imports of Thailand's Industrial Sector



Source: Ministry of Commerce

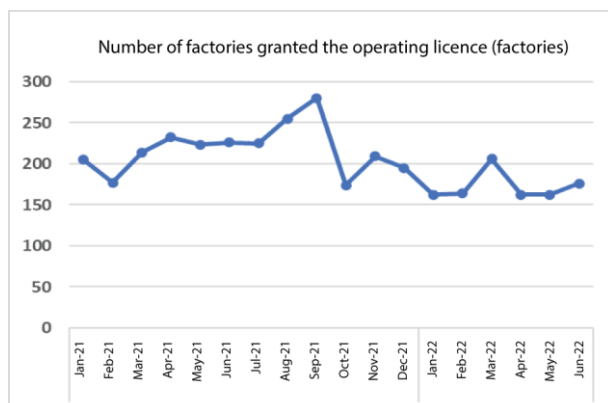


Source: Ministry of Commerce

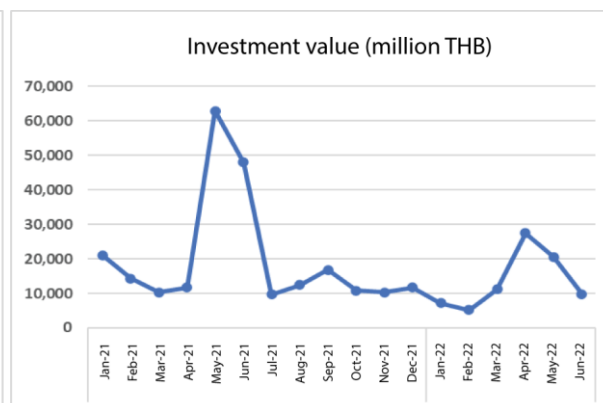
+ In June 2022, imports of industrial machinery and components were valued at 1,641.5 million USD, increasing by 8.12 percent compared to the same month of the previous year, expanded from construction machinery and components, jet turbines and components, bellows, liquid pumps, engines, transmission shafts and other components, metal processing machinery and components.

+ In June 2022, imports of raw material and semi-finished goods (excluding gold) were valued at 10,988.0 million USD, increasing by 13.3 percent compared to the same month of the previous year with continued expansion for the 17th month from equipment of electrical and electronic components such as circuit boards, diodes, transistors and semiconductors, iron and steel that does not rust, fertilizers and pesticides.

■ Industrial Operation Status



Source: Department of Industrial Works



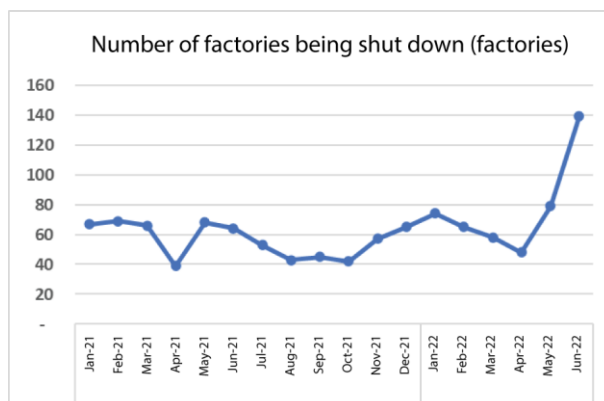
Source: Department of Industrial Works

- ➕ The total number of factories licensed for operation in June 2022 was 176 factories, increasing by 8.64 percent (%MoM) from May 2022 but decreasing by 22.12 percent (%YoY) from the same month last year.
- ➖ The total investment from factories licensed for operating in June 2022 has a total value of 9,758 million THB, decreasing by 52.59 percent (%MoM) from May 2022 and decreasing by 79.69 percent (%YoY) from the same month last year.

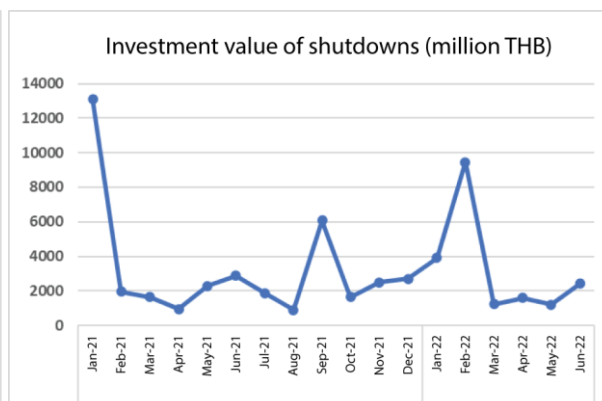
“The industry with the highest number of factories that started operations in June 2022 was the industry of concrete products and concrete mixed with gypsum product manufacturing and the industry of digging or peeling gravel, sand or soil (both industries have the same amount of 22 factories).”

“The industry with the highest investment value in June 2022 is the industry for solar power generation except installed on the roof or deck, with capital amounting to 1,423 million THB, followed by the industry using industrial products or waste from factories to produce raw materials with a capital of 771 million THB.”

■ Industrial Operation Status (Cont.)



Source: Department of Industrial Works



Source: Department of Industrial Works

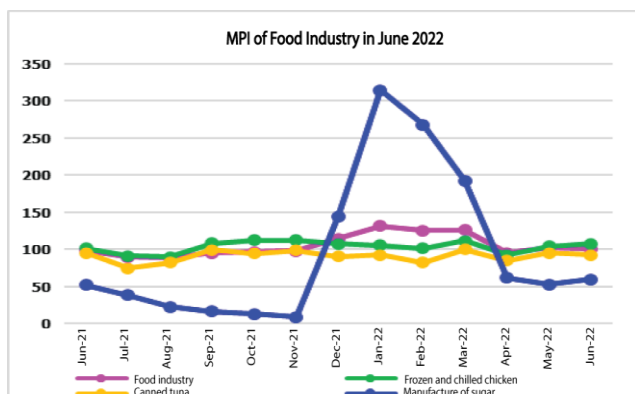
- ⊖ A total of 139 factories were shut down in June 2022, increasing by 75.95 percent (%MoM) from May 2022 and increasing by 117.19 percent (%YoY) from the same month of the previous year.
- ⊕ The lost investment value from shutdowns in June 2022 totaled 2,426 million THB, increasing by 99.82 percent (%MoM) from May 2022 but decreasing by 15.85 percent (%YoY) from the same month of the previous year.

“In June 2022, the industry with the highest number of factory shutdowns was the industry of digging or peeling gravel, sand or soil (22 factories) followed by the industry of sand extraction (14 factories).”

“The industry with the highest investment value in June 2022 is the industry of installation equipment or electric sockets, electrical switches, connectors and conductors with capital amounting to 422 million THB, followed by the industry of making plastic pellets, sticks, pipes, tubes, sheets, pieces or powder of any shape with a capital of 270 million THB.”

Industrial Economic Status by Industrial Sectors in June 2022

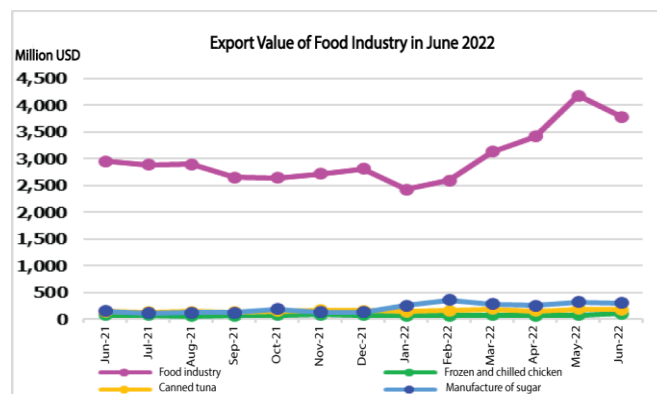
1. Food Industry



Source: The Office of Industrial Economics



Food production index: In June 2022, increased by 1.8 percent (%YoY) compared to the same period last year. The food products group with the production index expanded are as follows: 1) Cassava grew by 16.8 percent with the key product being tapioca starch which grew by 16.3 percent due to consumer demand of domestic and international markets especially China, which is the main market to be used as a substitute for corn starch during the price of corn flour continuing to rise. 2) Sugar grew by 14.5 percent with the main product being refined sugar which grew by 26.6 percent due to increased domestic consumption demand including the country major exporters such as India who have suspended their exports for domestic consumption. 3) Processed vegetables and fruits grew by 12.2 percent with the key product being canned sweetcorn which grew by 89.4 percent due to the accelerated production of canned sweetcorn after harvesting, canned pineapple grew by 23.0 percent due to the increasing quantity of pineapple raw materials along with consumer demand both in domestic and international markets. The main export markets are the United States of America, Germany and Canada and 4) Livestock grew by 6.3 percent from the main product including frozen and chilled chicken meat which grew by 6.2 percent due to the relaxation of various measures making those products to be in demand in both domestic and international markets, including Malaysia's suspension of chicken exports causing the international market to have more demand to import products from Thailand.



Source: Ministry of Commerce



Domestic sales: Production volume for food products in June 2022, increased by 4.1 percent (%YoY), with the following food products expanding 1) Canned pineapples grew by 99.0 percent. 2) Ready-to-cook set meals grew by 29.5 percent. 3) Beer grew by 25.5 percent and 4) Seasoned cooked chicken grew by 17.6 percent.

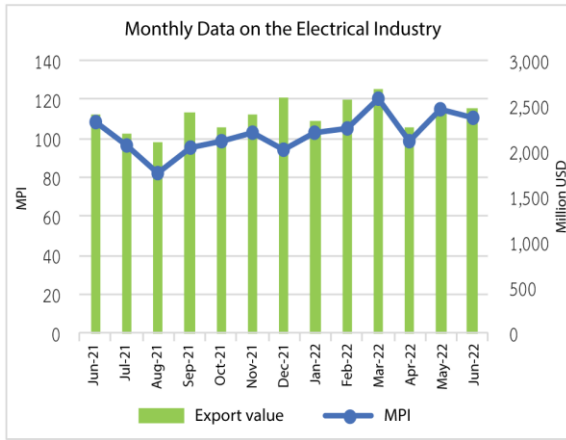


Export markets: Overall food exports in June 2022, increased by 28.3 percent compared to the same period last year from the following products: 1) Rice and grains from major products is rice due to the decline in Thai rice export prices due to the large amount of rice stocks accumulated in the country, the main markets are Iraq and the United States of America. 2) Fats and oils from plants and animals from major products is palm oil due to the high price of crude palm oil causing producers to continuously export crude palm oil. 3) Sugar and molasses with the main product being sugar in the Indonesia and the Philippines markets and 4) Fruit and vegetables from major products are fresh, chilled, frozen and dried fruit, with China as an important export market.

Forecasts and trends: The MPI of the food industry in July 2022 is expected to expand compared to the same period last year due to the relaxation of government measures, including the policy of opening the country, tourists came to help stimulate economic activities in the country. However, the inflation situation and the depreciation of Thai baht still have to be monitored. This will affect production costs and product prices. The export value tends to decline due to the slowdown in the world economy due to inflation. As a result, orders from trading partner countries have slowed down.

2. Electrical and Electronics Industry

■ Electrical Industry



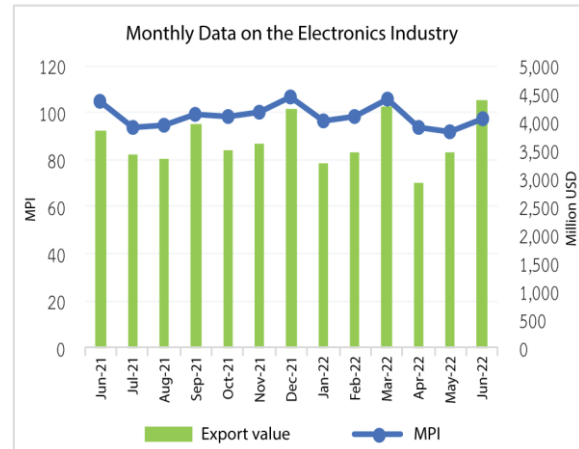
Source: The Office of Industrial Economics, Electrical and Electronics Institute and Ministry of Commerce

+ **Production of electrical appliances:** The MPI was at 110.1 points, increasing by 1.9 percent compared to the same month of the previous year, with the increase in products including air conditioners, electric motors, transformers and compressor by 21.1 percent, 14.7, 4.4 and 3.8 percent, respectively, due to air conditioners having more orders from abroad. Electric motors, transformers and compressors, there were an increase in domestic sales and foreign orders, while the products that have decreased are kettles, microwave ovens, cable wires, rice cookers, washing machines, electrical wires, refrigerators and household fans which decreased by 46.8 percent, 41.5, 38.4, 33.8, 25.1, 17.9, 11.9 and 9.9 percent, respectively.

+ **Exports of electrical appliances** were valued at 2,462.3 million USD, increasing by 2.1 percent compared to the same month of the previous year. The products that have increased orders include fans increasing by 28.0 percent, cable and electrical wires increasing by 25.9 percent, transformers and components increasing by 22.2 percent, air conditioners and components increasing by 17.2 percent, switchboards and electrical control panels increasing by 3.5 percent, motors and generators increasing by 2.2 percent, while the products that have decreased orders include washing machines, dry cleaners and components, circuit breakers and protection, refrigerators, freezers and components and microwave ovens.

“The electrical appliance industry’s production forecast for July 2022 is expected to decrease by 1.0-3.0 percent compared to the same month of the previous year due to the effects of inflation and rising energy prices.”

■ Electronics Industry



Source: The Office of Industrial Economics, Electrical and Electronics Institute and Ministry of Commerce

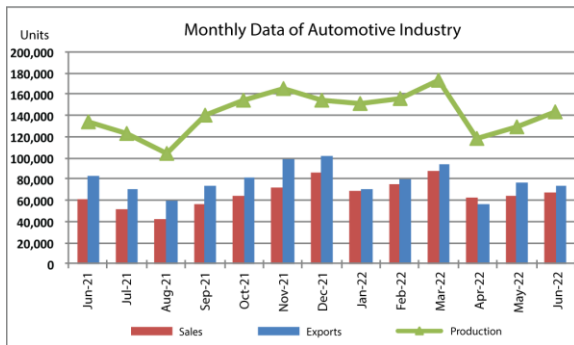
- **Production of electronics:** The MPI of electronic products was at 97.1 points, decreasing by 7.0 percent compared to the same month of the previous year, with the decrease in products including HDD and semiconductor device transistors which decreased by 30.4 percent and 4.6 percent, respectively, due to a decrease in domestic sales and a decrease in foreign orders. While the products that have increased are printers, PWB and IC with an increase of 42.2 percent, 5.9 and 4.6 percent, respectively, due to an increase in domestic sales and foreign orders.

+ **Exports of electronics products** were valued at 4,394.7 million USD, increasing by 14.6 percent compared to the same month of the previous year. The products that have increased orders are HDD which were valued at 1,588.9 million USD, increasing by 22.4 percent in the United States of America, Hong Kong and China markets and circuit boards which were valued at 828.4 million USD, increasing by 7.5 percent in the EU, the United States of America and Singapore markets. While the products with decreased orders included printed circuits which were valued at 131.1 million USD, decreasing by 9.9 percent in the United States of America and China markets and semiconductors, transistors and diodes which were valued at 249.3 million USD, decreasing by 0.6 percent in ASEAN and the United States of America markets.

“Production forecast for July 2022, the electronics industry is expected to slightly decrease by 0.5-2.0 percent compared to the same month of the previous year due to the inflationary situation that forces entrepreneurs to handle a variety of additional costs, including the shortage of raw materials used in the production of semiconductor chips and electronic components, which makes it unable to produce enough products to meet the demand for electronic products in the world market.”

3. Automotive Industry

■ Automobile Manufacturing Industry



Source: The Office of Industrial Economics obtained data from the Automotive Division, Federation of Thai Industries

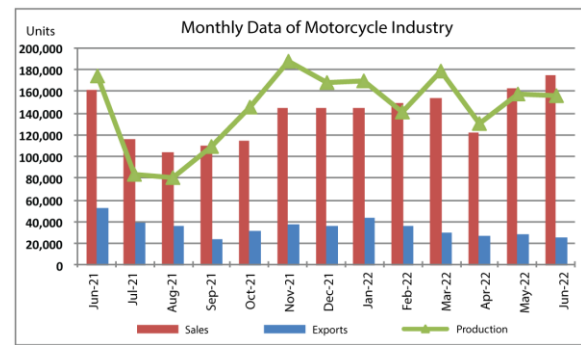
+ Automobile production: In June 2022, there were 143,016 units, increasing by 10.67 percent from May 2022 (%MoM) and increasing by 6.53 percent from the same month of the previous year (%YoY) from the increase of 1-ton pickup trucks, derivatives and commercial vehicles.

+ Domestic automobile sales: In June 2022, there were 67,945 units, increasing by 4.96 percent from May 2022 (%MoM) and increasing by 4.93 percent from the same month of the previous year (%YoY) from the increase in passenger cars, 1-ton pickup trucks and PPV cars combined with SUVs due to the government's economic stimulus measures to heal those who affected by COVID-19, opening the country for tourists and investors to enter the country, farmers income insurance including starting to resume normal life similar to the period before the pandemic of COVID-19.

- Automobile exports: In June 2022, there were 73,887 units, decreasing by 3.96 percent from May 2022 (%MoM) and decreasing by 11.00 percent from the same month of the previous year (%YoY). Export markets declined in Asia, Oceania, the EU and North America.

“Forecasts and trends of the automotive manufacturing industry in July 2022 will increase when compared to July 2021. Due to the low base of automotive production in July 2021 because the lockdown of the COVID-19 intense third wave.”

■ Motorcycle Manufacturing Industry



Source: The Office of Industrial Economics obtained data from the Automotive Division, Federation of Thai Industries

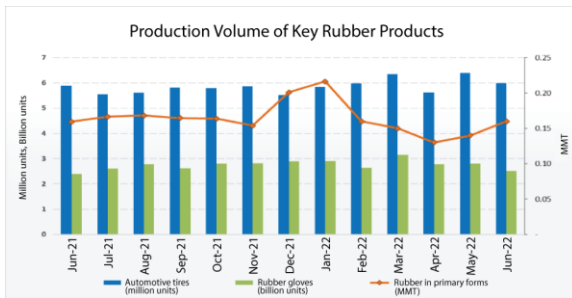
- Motorcycle production: In June 2022, there were 156,540 units, slightly decreasing by 0.89 percent from May 2022 (%MoM) and decreasing by 9.89 percent from the same month of the previous year (%YoY) from the decline in the production of sport motorcycles.

+ Domestic sales of motorcycles: In June 2022, there were 174,281 units, increasing by 7.35 percent from May 2022 (%MoM) and increasing by 8.18 percent from the same month of the previous year (%YoY) from the increase in motorcycle sales of 111-125 cc and 126-250 cc.

- Motorcycle exports: In June 2022, there were 25,061 units, decreasing by 12.16 percent from May 2022 (%MoM) and decreasing by 51.93 percent from the same month of the previous year (%YoY). Export markets declined in China, the United States of America and Japan.

“Forecasts and trends of the motorcycle manufacturing industry in July 2022 will increase when compared to July 2021. Due to the low base of motorcycle production in July 2021 because the lockdown of the COVID-19 intense third wave.”

4. Rubber and Rubber Product Industry



Source: The Office of Industrial Economics

Production

+ Primary processed rubber (smoked rubber sheets, rubber blocks and concentrated latex) increased by 1.67 percent from the expansion of rubber blocks and rubber sheets production.

+ Automotive tires increased by 1.70 percent from an increase in the production of passenger car tires, pickup tires, truck and bus tires and tractor tires.

+ Rubber gloves increased by 5.18 percent mainly in line with the good expansion of the international markets.

Domestic sales

- Primary processed rubber (smoked rubber sheets, rubber blocks and concentrated latex) decreased by 6.64 percent. This was a result of a decrease in demand for rubber sheets, rubber blocks and concentrated latex.

- Automotive tires decreased by 1.32 percent following the slowdown in the REM (Replacement Equipment Manufacturer) market.

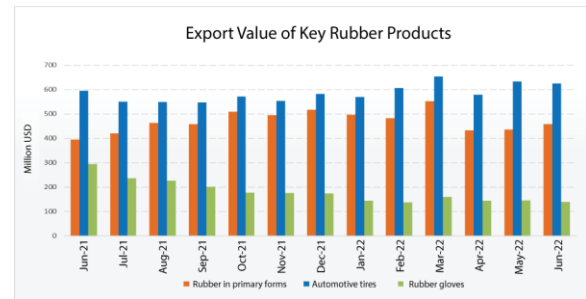
- Rubber gloves decreased by 28.00 percent according to the demand for rubber gloves to prevent diseases in countries has decreased.

Exports

+ Primary processed rubber (smoked rubber sheets, rubber blocks and concentrated latex) increased in value by 16.11 percent, this was a result of the expansion of rubber block exports to the South Korea market and concentrated latex to the China market.

+ Automotive tires increased in value by 5.17 percent from the good expansion of exports to Malaysia and Japan markets.

- Rubber gloves decreased in value by 53.03 percent from the price of rubber gloves that have dropped from the past.



Source: Ministry of Commerce

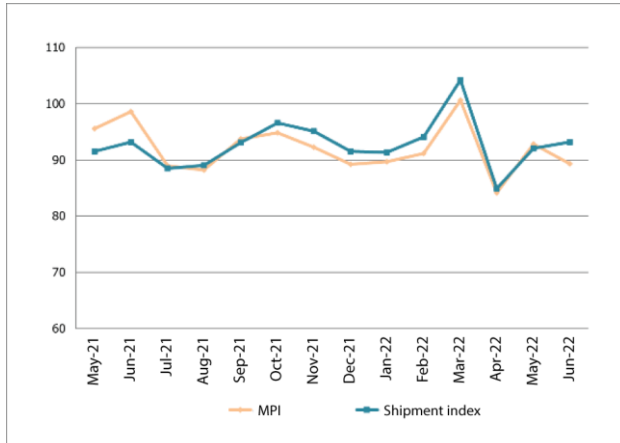
Outlook for the Industry in July 2022

Primary processed rubber production (smoked rubber sheets, block rubber and concentrated latex) is expected to expand continuously mainly from production to meet the needs of the international market. For tire production, it is expected to expand due to the high demand in the international market, while selling tires in the country is expected to expand in line with the growth of the domestic automotive industry. The production and distribution of rubber gloves in the country is expected to expand from the demand for rubber gloves to prevent diseases in the country that is likely to increase from the trend of the return of the COVID-19 pandemic, a new variant that can spread infection quickly.

Exports of primary processed rubber production (smoked rubber sheets, rubber blocks and concentrated latex) are expected to increase in value especially exports to key markets such as the United States of America, China, Japan and South Korea. The exports of automobile tires are expected to increase in value continually due to the good expansion trend of exports to the United States of America and Australia which are the main markets. As for the exports of rubber gloves, the value is expected to continue to decline from the high base of last year's export figures and the price of rubber gloves that has been reduced from the past.

5. Plastics Industry

MPI and Shipment Index



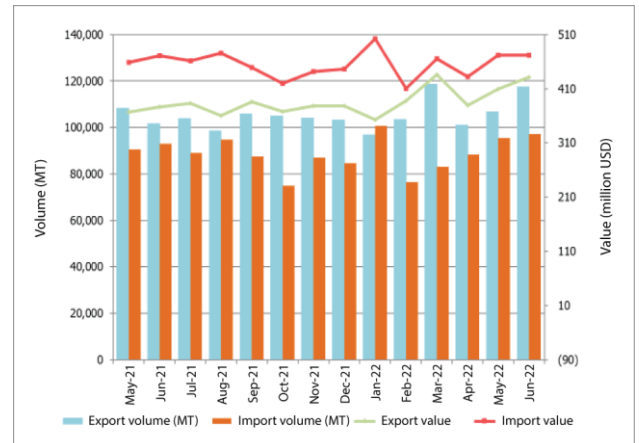
Source: The Office of Industrial Economics

⊖ Manufacturing Production Index: In June 2022, the MPI decreased by 9.50 percent compared to the same period last year. The MPI decreased in many product groups, for example, plastic sacks decreased by 23.41 percent, plastic pipes and fittings decreased by 16.76 percent and other plastic products decreased by 11.34 percent.

+ Shipment Index: In June 2022, the shipment index increased by 0.05 percent compared to the same period last year by expanding product groups, for example, table utensils, kitchens and bathrooms which increased by 22.85 percent, plastic films which increased by 12.95 percent and plastic bags which increased by 6.67 percent.

+ Exports: In June 2022, the exports were valued at 431.51 million USD or increased by 14.56 percent compared to the same period last year. Products that contributed to the expansion of exports were the sanitary wear product groups (HS 3922) which increased by 142.53 percent, single fiber product groups (HS 3916) which increased by 42.79 percent and sheets, thin sheets, films, foils and strip products that are not cellular (HS 3920) which increased by 38.30 percent. The exports expanded in key markets such as the United States of America, Japan, Australia and Malaysia.

Volume and Value of Exports-Imports



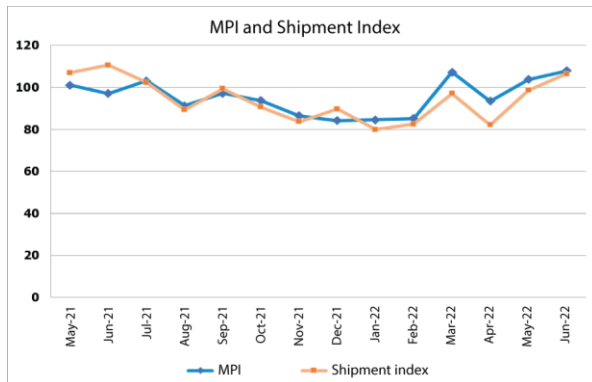
Source: Office of the Permanent Secretary, Ministry of Commerce

+ Imports: In June 2022, the imports were valued at 472.42 million USD or increased by 0.24 percent compared to the same period last year. Products that contributed to the expansion of imports were building assembly product groups (HS 3925) which increased by 52.16 percent, single fiber product groups (HS 3916) which increased by 35.91 percent and the household product groups (HS 3924) which increased by 16.66 percent.

Plastics Industry Trends in July 2022, the rising cost of energy has also driven up production costs. The prices of production have started to rise and the product is expected to continuously increase prices. As a result, the production of related plastic products has decreased according to consumer demand compared to the same period last year.

6. Chemical Products Industry

MPI and Shipment Index



Source: The Office of Industrial Economics

+ Manufacturing Production Index: In June 2022, it was at 107.96 points, increasing by 11.11 percent compared to the same period last year. The upstream chemicals group increased by 17.02 percent. Products with increased production include ethanol which increased by 78.72 percent, hydrochloric acid which increased by 8.81 percent and sodium hydroxide which increased by 3.45 percent. The downstream chemicals group increased by 9.33 percent compared to the same period last year. Products with increased production include dishwashing liquid which increased by 33.48 percent, chemical fertilizers which increased by 31.95 percent and soap and skin care products which increased by 13.62 percent.

- Shipment Index: In June 2022, it was at 106.53 points, decreasing by 3.73 percent compared to the same period last year. The shipment index of products in the upstream chemical group decreased by 2.18 percent. Products that decreased include chlorine which decreased by 6.66 percent and sodium hydroxide which decreased by 3.97 percent. The downstream chemicals group decreased by 4.10 percent. Products with decreased production include enamels which decreased by 35.33 percent, shampoos which decreased by 11.30 percent and chemical fertilizers which decreased by 10.80 percent.

+ Exports: In June 2022, total exports were valued at 969.20 million USD, increasing by 13.20 percent compared to the same period last year. The upstream chemicals group has an export value of 589.15 million USD, increasing by 15.23 percent compared to the same period last year. The

Volume and Value of Exports and Imports



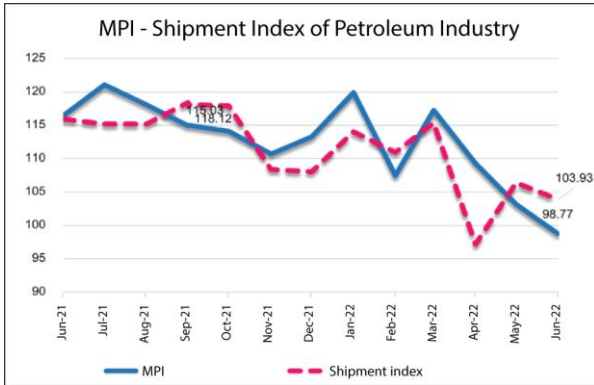
Source: Office of the Permanent Secretary, Ministry of Commerce

downstream chemicals group has an export value of 380.05 million USD, increasing by 10.19 percent. Products that contributed to the expansion of the export value were inorganic chemicals which increased by 40.87 percent, miscellaneous chemicals which increased by 29.32 percent and cosmetics which increased by 11.23 percent. Exports expanded in many markets such as China, India, Japan and Vietnam.

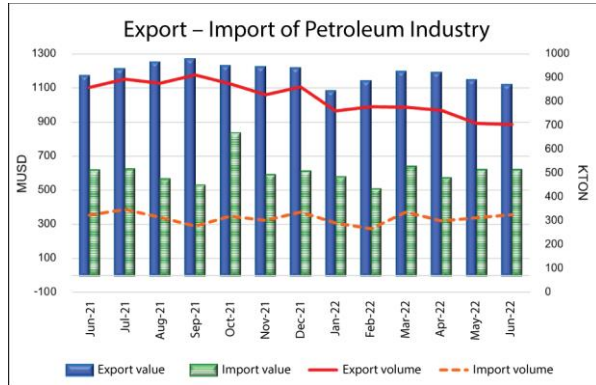
+ Imports: In June 2022, total imports were valued at 2,109.15 million USD, increasing by 15.06 percent compared to the same period last year. The upstream chemicals group had an import value of 1,289.81 million USD, increasing by 19.92 percent compared to the same period last year. The downstream chemicals had an import value of 819.34 million USD, increasing by 8.15 percent compared to the same period last year.

Chemical Product Industry Trends in July 2022, the government eases COVID-19 control measures and lowers the level of the COVID-19 alert. As a result, various economic activities gradually returned to normal. Opening the country to tourists has a positive effect on the recovery of domestic demand. However, it remains to monitor the global energy prices that affect the production costs of the related chemicals industry.

7. Petrochemical Industry



Source: The Office of Industrial Economics



Source: Office of the Permanent Secretary, Ministry of Commerce*

⚠️ Manufacturing Production Index was at 98.77 points or decreased by 15.41 percent compared to the same period last year and decreased by 4.25 percent compared to the previous month. The upstream petrochemicals including ethylene which decreased by 22.92 percent compared to the same period last year and downstream petrochemicals including EPS resin and PE resin which decreased by 51.25 percent and 24.89 percent compared to the same period last year.

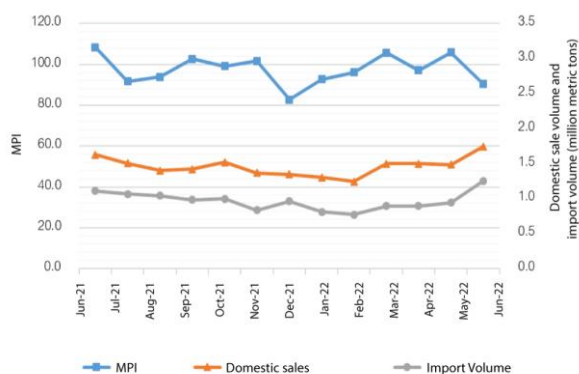
⚠️ Shipment Index was at 103.93 points or decreased by 7.00 percent compared to the same period last year and decreased by 2.36 percent compared to the previous month. The upstream petrochemicals including ethylene which decreased by 16.46 percent compared to the same period last year and downstream petrochemicals including EPS resin and PE resin which decreased by 50.63 percent and 4.33 percent compared to the same period last year.

⚠️ Exports: In June 2022, were valued at 1,121.23 million USD or decreased by 4.99 percent from the same period last year and decreased by 2.49 percent compared to the previous month, The downstream petrochemicals such as PS resin decreased and the upstream petrochemicals such as propylene decreased.

⊕ Imports: In June 2022, were valued at 624.50 million USD, increasing by 0.46 percent from the same period last year and increasing by 0.18 percent when compared to the previous month, the expanding downstream petrochemical groups such as PP resin and PE resin increased by 36.71 percent but the upstream petrochemical group such as propylene which decreased by 6.50 percent.

Forecasts and trends in July 2022, the overall industry outlook will slow down compared to the same period last year from the slowdown of exports especially upstream petrochemicals such as ethylene and propylene from the price level that fluctuates in accordance with the price of crude oil and the impact of the production halt in many countries from the prolonged Ukraine-Russia war. Protests stops work in South Korea along with terrorism in the Middle East. In addition, OPEC countries have not considered increasing production volumes. Furthermore, Russia is a significant global energy producer and is considering stopping the supply of natural gas to countries in Europe. Additionally, the start of the travel season in the United States of America puts pressure on oil prices.

8. Iron and Steel Industry



Source: The Office of Industrial Economics / Iron and Steel Institute of Thailand

⊖ The Manufacturing Production Index: In June 2022, was at 90.3 points, decreasing by 16.7 percent compared to the same period last year, because steel prices tend to decline and consumers have the option of importing. When considering the main product, it was found that the production index of long steel products and flat steel products have contracted. The products in the long steel group, the MPI was 83.8 points which decreased by 21.3 percent. The products with the highest decrease were round steel bars which decreased by 51.9 percent followed by hot-rolled structural steel which decreased by 32.5 percent and cold-rolled structural steel which decreased by 26.7 percent. For the products in the flat steel group the MPI was 97.3 points which decreased by 16.0 percent. The products that production decreased were chromium coated steel sheets which decreased by 39.4 percent followed by cold rolled steel which decreased by 19.9 percent and hot-rolled coil which decreased by 13.8 percent.

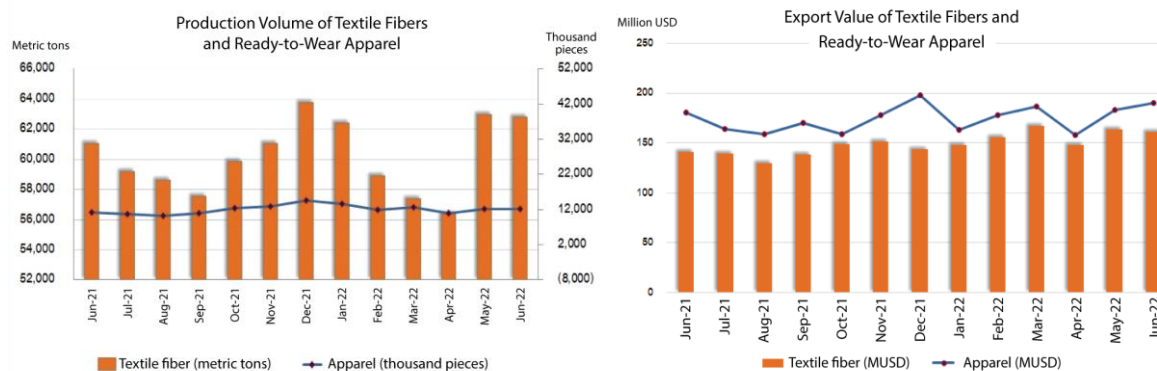
⊕ Domestic Consumption: In June 2022, the consumption volume was 1.7 million tons, increasing by 7.0 percent compared to the same period last year. For the long steel group, the consumption volume was 0.6 million tons, increasing by 17.5 percent from the consumption of steel bar and hot-rolled structural steel which increased by 11.2 percent and wire rods which increased by 9.8 percent. Consumption of flat steel was 1.2 million tons, increasing by 2.3 percent from the consumption of hot rolled steel which

increased by 56.3 percent followed by hot-rolled thin steel sheets in rolls and non-rolls which increased by 3.4 percent.

⊕ Imports: In June 2022, the import volume was 1.3 million tons, increasing by 12.7 percent compared to the same period last year. The long steel product group had an import volume of 0.3 million tons, increasing by 27.6 percent from the import of seamless steel pipe which increased by 129.7 percent (the main country imported by Thailand is China) followed by wire rods (carbon steel type) which increased by 64.5 percent (the main countries imported by Thailand are Malaysia, China, Vietnam and Indonesia) and steel bars (alloy steel type) which increased by 25.5 percent (the main countries imported by Thailand are China, Japan and India). The flat steel product group had an import volume of 1.0 million tons, increasing by 9.4 percent from imports of hot-rolled thin steel sheets (alloy steel type), increasing by 126.1 percent (the main country imported by Thailand are Japan and China) followed by hot-rolled and non-rolled thin steel sheets (alloy steel type), increasing by 90.6 percent (the main country imported by Thailand is China and Japan) and hot-rolled and non-rolled thin steel sheets (carbon steel type), increasing by 29.3 percent (the main country imported by Thailand is China).

“The outlook for the steel industry in July 2022, it is expected that the production index remained stable as the same period last year because steel prices tend to be lower, consumers have the option to buy steel from abroad that is cheaper than domestic production. Here are some crucial issues that need to be watched, including Russian steel exports to the eastern regions. As a result, it is anticipated that steel prices will drop in the Asian market and another important point is the implementation of China’s steel industry policy which is the world’s largest steel producer, consumer and exporter because it affects the volume of production steel products in Thailand.”

9. Textile and Wearing Apparel Industry



Source: The Office of Industrial Economics

Source: Ministry of Commerce

Production

➕ Textile fibers increased by 2.83 percent from polyester fiber group and fabrics increased by 1.96 percent from polyester synthetic woven fabric group, while the production of ready-made garments increased by 8.55 percent from sports apparel, workout clothes, suits or uniforms that continue to expand. The main factor is the international market expansion for the 16th consecutive month due to continued demand from major trading partners, especially the main markets such as the United States of America and Germany.

Domestic sales

➖ Textile fibers and fabrics decreased by 1.19 percent and 5.18 percent with the purchasing power of domestic consumers slowing down from the impact of the cost living which has risen due to rising energy and food prices. As a result, they were cautious in purchasing luxury goods.

➕ Ready-made garments increased by 4.60 percent due to the relaxation of restrictions for foreign tourists to stimulate tourism in Thailand.

Imports

➕ Yarns and fibers increased by 34.17 percent and fabrics increased by 5.64 percent with parts to be used in the production of products for export and increasing orders. As a result, entrepreneurs have increased their imports. Imports of ready-made garments increased for the 3rd consecutive month by 34.12 percent from China, Italy, Vietnam and Cambodia.

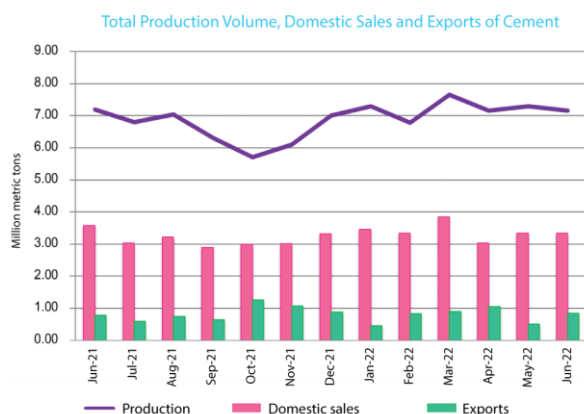
Exports

➕ Textile fibers, fabrics and ready-made garments expanded throughout the supply chain for the 16th month in key markets such as the United States of America, Vietnam and India. Textile fibers, fabrics and ready-made garments increased by 14.02 percent, 18.95 and 5.28 percent, respectively.

Industry outlook for July 2022

It is expected that the textile and wearing apparel industry will continue to expand from international markets that are continuing throughout the supply chain, together with the opportunity for Thai entrepreneurs to increase their share of the United States of America market instead of imports from China, to reduce the risk from the China COVID-19 control measures. Overall, this should lead to more demand for fashion products. However, there are also negative factors from the lengthening of the conflict between Russia and Ukraine. This resulted in rising production costs and inflation including the spread of new variant of COVID-19 and monkey pox that the World Health Organization has declared an international emergency for public health.

10. Cement Industry



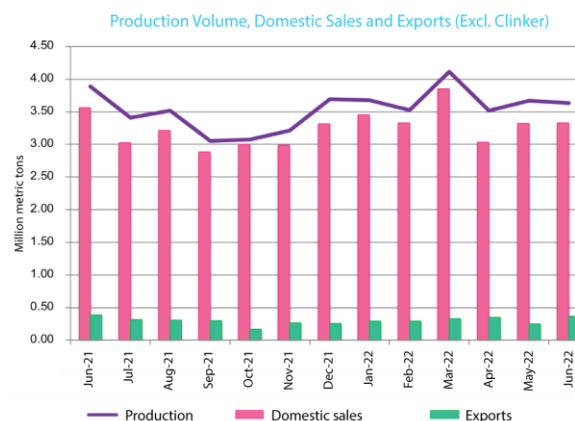
Source: 1. Domestic production and sales volume: Division of Information and Industrial Economic Indices, the Office of Industrial Economics
2. Export volume: Information and Communication Technology Center, Office of the Permanent Secretary, Ministry of Commerce

➖ In June 2022, the total production of cement was 7.15 million tons, decreasing by 2.01 percent from May 2022 (% MoM) and decreasing by 0.54 percent from the same month of the previous year (%YoY).

➕ In June 2022, total domestic sales of cement were 3.33 million tons, increasing by 0.13 percent from May 2022 (%MoM) with support from the construction of large public sector projects but decreasing by 6.74 percent from the same month of the previous year (%YoY).

➕ In June 2022, total cement exports were 0.85 million tons, increasing by 67.95 percent from May 2022 (% MoM) and increasing by 8.68 percent from the same month of the previous year (%YoY). This is an expansion from the Sri Lankan market that has a lot of orders for clinker, including a large increase in orders from the export market outside the main market, namely the United States of America.

Forecasts and trends of the cement manufacturing industry overall in July 2022 are expected to expand further to support the recovering export markets.



Source: 1. Domestic production and sales volume: Division of Information and Industrial Economic Indices, the Office of Industrial Economics
2. Export volume: Information and Communication Technology Center, Office of the Permanent Secretary, Ministry of Commerce

➖ In June 2022, cement production (excluding clinker) was 3.63 million tons, decreasing by 0.93 percent from May 2022 (%MoM) and decreasing by 6.59 percent from the same month of the previous year (%YoY).

➕ In June 2022, domestic sales of cement (excluding clinker) were 3.33 million tons, increasing by 0.13 percent from May 2022 (%MoM) from the demand for housing beginning to recover and was driven by government aid measures but decreasing by 6.59 percent from the same month of the previous year (%YoY)

➕ In June 2022, cement exports (excluding clinker) were 0.37 million tons, increasing by 47.43 percent from May 2022 (%MoM) but when compared to the same month of the previous year still decreasing by 5.48 percent (% YoY) from the reduction of orders from the Myanmar, Vietnam and Cambodia markets by 49.59 percent, 10.83 and 9.53 percent, respectively.

Forecasts and trends of the cement manufacturing industry (excluding clinker) in July 2022 are expected to expand slightly due to entering the rainy season. Therefore, construction may encounter obstacles from frequent rainfall.