

Industrial Production Status

Indicators	2020	2021	2021						2022						
%YoY	Year	Year	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.
MPI	-9.5	5.9	3.7	-4.9	0.4	2.7	4.6	6.7	2.0	2.5	0.4	-0.03	-2.0	-0.2	6.4

The industrial economy in **July 2022**, when considered from the **Manufacturing Production Index (MPI)**, **increased by 6.4 percent from the same period last year**, from the advantage of the low base in the previous year, there was a serious pandemic during this time. This year, the economic activities in the country continued to gradually improve.

When considering MPI data for the past three months compared to the previous year (%YoY) in April 2022 slightly decreased by 0.03 percent, May decreased by 2.0 percent and June decreased by 0.2 percent.

Indicators	2021						2022						
%MoM	Jul.	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Apr.	May	Jun.	Jul.
MPI	-8.3	-3.6	9.3	2.9	3.3	1.5	2.1	-2.6	8.1	-17.0	7.6	-0.3	-2.3

In the past three months (April, May and June 2022), the MPI change rates (%MoM) were as follows: in April decreased by 17.0 percent, May increased by 7.6 percent and June decreased by 0.3 percent.

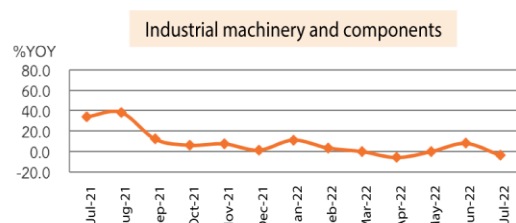
Key industries that contributed to the MPI expansion in July 2022 when compared to the same month of the previous year are:

- **Automobiles** increased by 23.44 percent according to the expansion of the domestic and export markets including the result of a low base in the previous year that COVID-19 returned to a severe outbreak.
- **Petroleum refining** increased by 12.66 percent as a result of the economic recovery in the country and transport activities returned to normal after the easing of COVID-19 control measures and opening of the country to foreign tourists, including the low base in the previous year, the outbreak was so severe that the government had to issue lockdown measures in some areas causing the demand for fuel to decrease.
- **Concrete products** increased by 23.19 percent from growing demand. Factories can resume production and deliver as usual. While in the previous year, there was a severe pandemic in the country. The pandemic has been found in construction worker camps and among factory workers. As a result, the production and delivery of goods were unable to be carried out normally.
- **Electronic components** increased by 10.39 percent according to the demand in the global market.
- **Air conditioners** increased by 23.4 percent. The result of a low base in the previous year with a wide spread of the pandemic, resulted in a large number of infected employees causing production to be incomplete. Including this year, production has been accelerated to support increased exports following the recovery of trading partner economies and the volatile climate with rising temperatures in many countries.

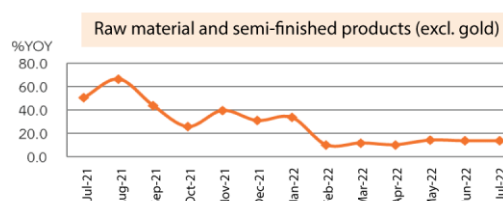
Other Industrial Economic Indicators in July 2022

Other Industrial Economic Indicators in July 2022

■ Imports of Thailand's Industrial Sector



Source: Ministry of Commerce

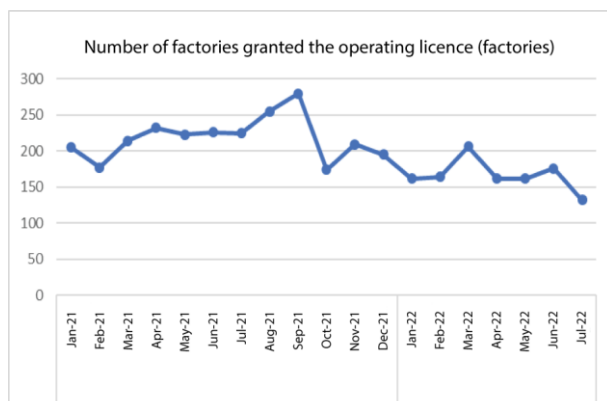


Source: Ministry of Commerce

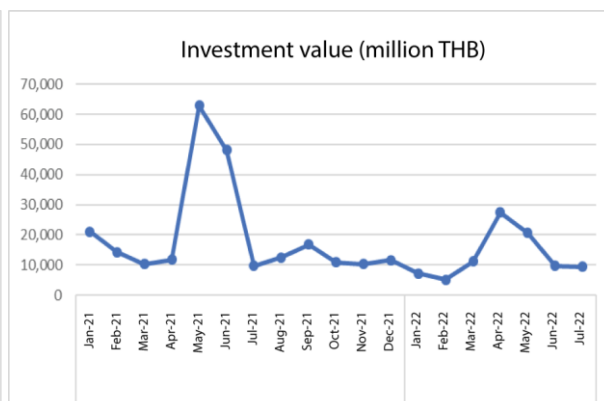
➖ In July 2022, imports of industrial machinery and components were valued at 1,393.3 million USD, decreasing by 3.4 percent compared to the same month of the previous year, mainly contracting in the China and Japan markets from machinery and equipment used to process rubber or plastics, jet turbines and components, textile machinery, bellows, liquid pumps and mold bases.

➕ In July 2022, imports of raw material and semi-finished goods (excluding gold) were valued at 10,568.2 million USD, increasing by 13.4 percent compared to the same month of the previous year with continued expansion for the 18th month from equipment, electrical and electronic components such as circuit boards, diodes, transistors and semiconductors, iron, steel and iron products, non-rusting steel type and rolled steel sheets of other alloy steel fertilizers and pesticides.

■ Industrial Operation Status



Source: Department of Industrial Works



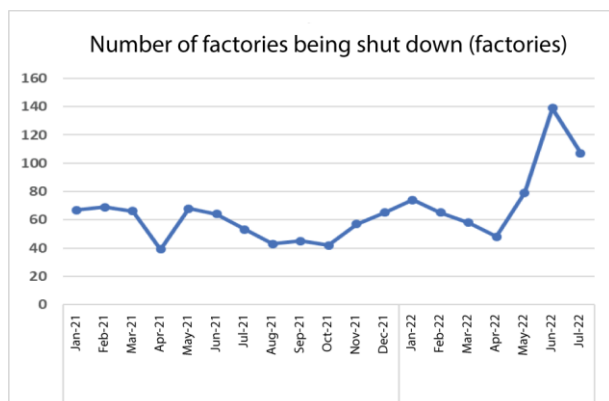
Source: Department of Industrial Works

- ➖ The total number of factories licensed for operation in July 2022 was 132 factories, decreasing by 25.0 percent (%MoM) from June 2022 and decreasing by 41.33 percent (%YoY) from the same month last year.
- ➖ The total investment from factories licensed for operating in July 2022 has a total value of 9,373 million THB, decreasing by 3.95 percent (%MoM) from June 2022 and decreasing by 2.89 percent (%YoY) from the same month last year.

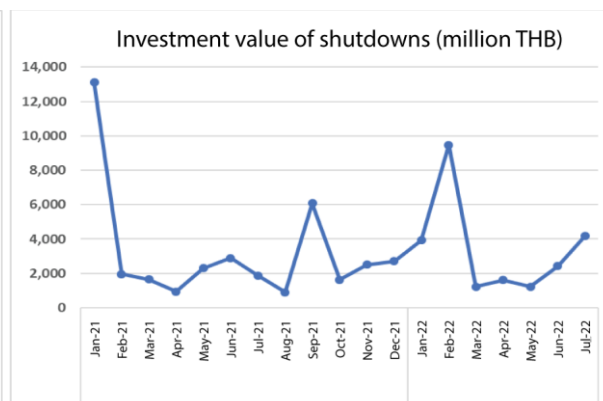
“The industry with the highest number of factories that started operations in July 2022 was the industry of concrete products, concrete mixed with gypsum product manufacturing amount (13 factories), followed by the industry of digging or peeling gravel, sand or soil (12 factories).”

“The industry with the highest investment value in July 2022 is the beer industry, with capital amounting to 3,500 million THB, followed by non-tire rubber products manufacturing with a capital of 1,033 million THB.”

■ Industrial Operation Status (Cont.)



Source: Department of Industrial Works



Source: Department of Industrial Works

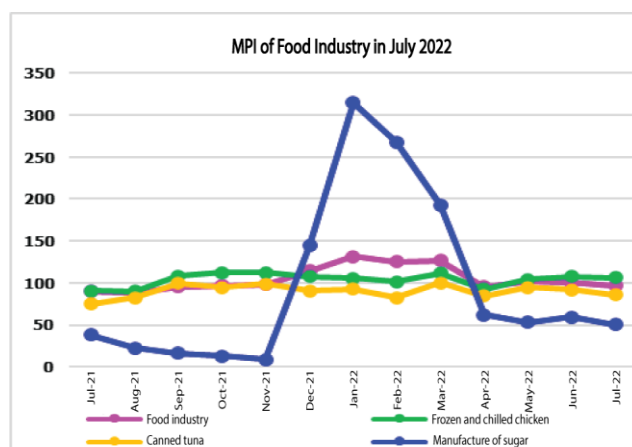
- ➕ A total of 107 factories were shut down in July 2022, decreasing by 23.02 percent (%MoM) from June 2022 but increasing by 101.89 percent (%YoY) from the same month of the previous year.
- ➖ The lost investment value from shutdowns in July 2022 totaled 4,160 million THB, increasing by 71.45 percent (%MoM) from June 2022 and increasing by 123.1 percent (%YoY) from the same month of the previous year.

“In July 2022, the industry with the highest number of factory shutdowns was the industry of digging or peeling gravel, sand or soil (18 factories) followed by the industry of sand extraction (11 factories).”

“The industry with the highest investment value in July 2022 is the industry storage or conveying of plants, seeds or plant products in silos with capital amounting to 2,042 million THB, followed by the industry of metal products made by stamping or hammering method with a capital of 605 million THB.”

Industrial Economic Status by Industrial Sectors in July 2022

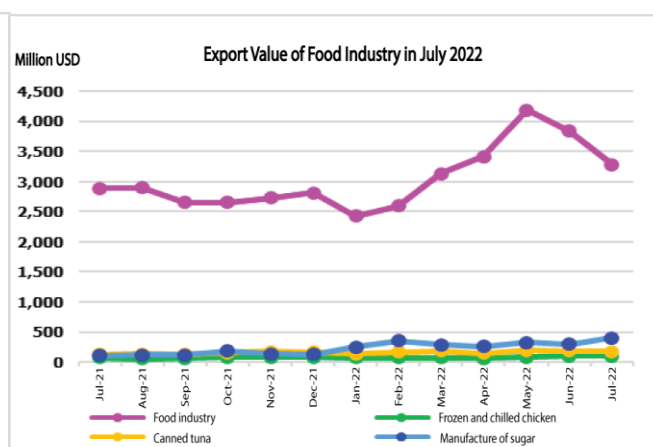
1. Food Industry



Source: The Office of Industrial Economics



Food production index: In July 2022, increased by 7.7 percent (%YoY) compared to the same period last year. The food products group with the production index expanded are as follows: 1) Sugar grew by 31.8 percent with the main product being refined sugar which grew by 44.8 percent, due to the increasing demand for both domestic and international consumption and due to the economic recovery. 2) Finished animal feed grew by 18.2 percent with the main product being ready-made pet food which grew by 34.8 percent due to the popularity of animal husbandry around the world continues to expand. As a result, the pet food market continues to grow. 3) Livestock grew by 18.2 percent with the main product including frozen and chilled chicken meat which grew by 17.0 percent due to the relaxation of various measures making those products to be in demand in both domestic and international markets, including China unlocking measures to suspend imports of frozen chicken from Thai factories. As a result, more Thai factories can export to China. 4) Fisheries grew by 6.6 percent with the main product being frozen fish which grew by 4.9 percent due to the increasing demand for domestic and international markets and 5) Cassava grew by 1.1 percent with the key product being tapioca starch which grew by 0.9 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 with the price of corn starch still high.



Source: Ministry of Commerce



Domestic sales: Production volume for food products in July 2022, increased by 3.4 percent (%YoY), with the following food products expanding: 1) Other canned fruit grew by 149.0 percent. 2) Ready-to-cook set meals grew by 111.3 percent. 3) Seasoned cooked chicken grew by 31.3 percent and 4) Soft drinks grew by 21.6 percent.

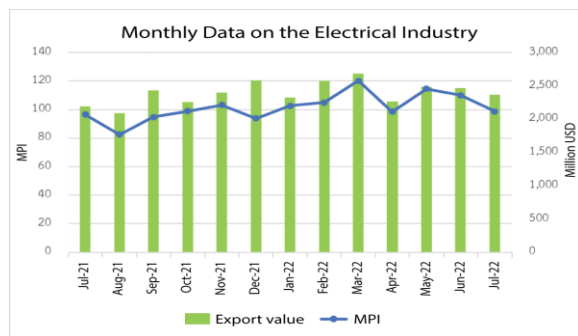


Export markets: Overall food exports in July 2022, increased by 36.0 percent compared to the same period last year from the following products: 1) Cassava products because China, the main market, has imported tapioca chips for use in ethanol production, animal feed and tapioca starch for use in the food industry. 2) Fruit and vegetables from major products such as fresh, chilled, frozen and dried fruit due to the transportation situation getting better. The export markets with good expansion are China, Hong Kong and Malaysia. 3) Fats and oils from plants and animals with the major product being palm oil due to the government's approval of the credit limit to encourage exports of palm oil to balance with domestic production and 4) Sugar and molasses with the main product being sugar, the main markets are South Korea and Indonesia.

Forecasts and trends: Overall, in August 2022, there is a tendency to expand when compared to the same period last year from the relaxation of government measures and that most people have received vaccines, including boosters, resulting in the economy being likely to recover. In addition, tourists are gradually coming in, resulting in a continuous improvement in the tourism sector. However, the situation still has to be monitored on the world economy and finance from the adjustment of interest rates according to the inflation of various countries. For the export value it tends to expand, due to the situation of the pandemic of the COVID-19 beginning to recede back to normal.

2. Electrical and Electronics Industry

■ Electrical Industry



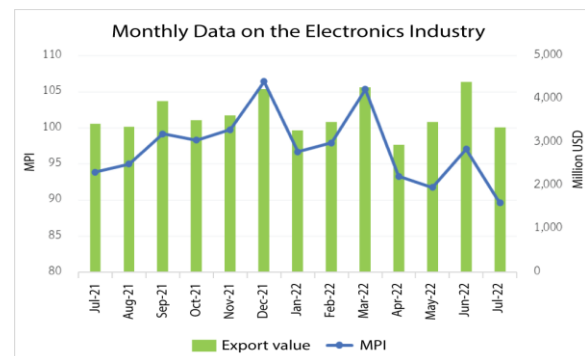
Source: The Office of Industrial Economics, Electrical and Electronics Institute and Ministry of Commerce

+ **Production of electrical appliances:** The MPI was at 98.7 points, increasing by 2.2 percent compared to the same month of the previous year, with the increase in products including cable wires, washing machines and microwave ovens by 3.9 percent, 1.6 and 0.7 percent, respectively, due to having more orders from abroad, while the products that have decreased are air conditioners, refrigerators, electric motors and household fans which decreased by 17.2 percent, 15.2, 13.7 and 3.2 percent, respectively, due to domestic demand for products and orders from abroad decreasing.

+ **Exports of electrical appliances** were valued at 2,364.8 million USD, increasing by 5.0 percent compared to the same month of the previous year. The products that have increased orders include fans which were valued at 46.0 million USD, increasing by 49.9 percent in the United States of America and China markets. Transformers and components were valued at 292.3 million USD, increasing by 38.2 percent in the EU, the United States of America and Japan markets, and air conditioners and components were valued at 558.2 million USD, increasing by 25.4 percent in the EU and Taiwan markets. While the products that have decreased orders include circuit breakers and circuit protectors which were valued at 155.8 million USD, decreasing by 15.4 percent in ASEAN and the United States of America markets, and washing machines and components were valued at 99.6 million USD, decreasing by 14.9 percent in the United States of America and South Korea markets.

“The electrical appliance industry’s production forecast for August 2022 is expected to slightly increase by 1.0-3.0 percent compared to the same month of the previous year due to the country’s economy expanding as a result of opening the country. Also, there is a growing need for electrical appliances on the global market.”

■ Electronics Industry



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

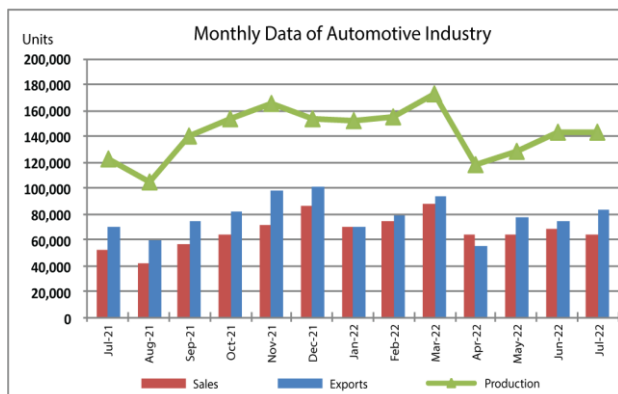
- **Production of electronics:** The MPI of electronic products was at 89.6 points, decreasing by 4.5 percent compared to the same month of the previous year, with the decrease in products including HDD, PWB and semiconductor devices transistors which decreased by 29.9 percent, 19.7 and 1.7 percent, respectively, due to a decrease in domestic sales and a decrease in foreign orders. While the product that has increased is IC with an increase of 8.3 percent, due to an increase in domestic sales and foreign orders.

- **Exports of electronics products** were valued at 3,343.1 million USD, decreasing by 6.6 percent compared to the same month of the previous year. The products that have decreased orders include HDD which were valued at 661.4 million USD, decreasing by 39.9 percent in the Hong Kong market and printed circuits which were valued at 113.7 million USD, decreasing by 20.5 percent in South Korea and the United States of America markets. While the products with increased orders included semiconductors, transistors and diodes which were valued at 243.0 million USD, increasing by 5.2 percent in ASEAN and Canada markets and circuit boards which were valued at 733.1 million USD, increasing by 4.2 percent in Singapore and China markets.

“Production forecast for August 2022, the electronics industry is expected to slightly decrease by 0.2-3.0 percent compared to the same month of the previous year, due to inflation and interest rates that are in an uptrend, this is affecting the slowdown in the demand for electronic products.”

3. Automotive Industry

■ Automobile Manufacturing Industry



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

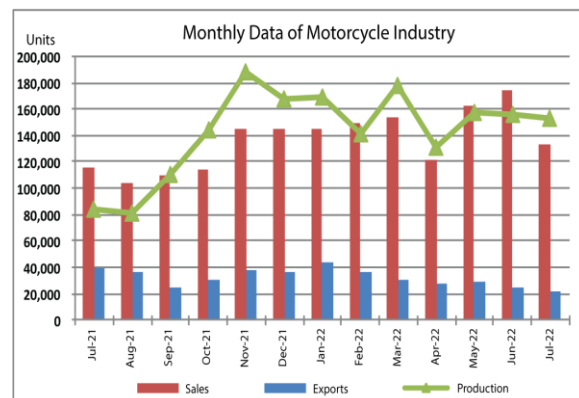
+ Automobile production: In July 2022, there were 142,958 units, slightly decreasing by 0.04 percent from June 2022 (%MoM) but increasing by 16.07 percent from the same month of the previous year (%YoY) from the increase of 1-ton pickup trucks and derivatives and commercial vehicles.

+ Domestic automobile sales: In July 2022, there were 64,033 units, decreasing by 5.76 percent from June 2022 (%MoM) but increasing by 22.10 percent from the same month of the previous year (%YoY) from the increase of 1-ton pickup trucks, commercial vehicles and PPV cars combined with SUVs due to the government's economic stimulus measures to heal those who affected by COVID-19, the relaxation of COVID-19 pandemic control measures makes the number of tourists and investors continue to increase, including farmers income insurance which is starting to resume to normal life similar to the period before the pandemic of COVID-19.

+ Automobile exports: In July 2022, there were 83,086 units, increasing by 12.45 percent from June 2022 (%MoM) and increasing by 17.70 percent from the same month of the previous year (%YoY). The export market has increased in Oceania, the Middle East, Africa, the EU, North America and Central and South America markets.

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

■ Motorcycle Manufacturing Industry



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

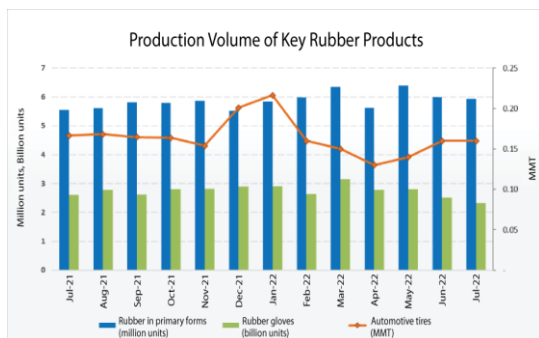
+ Motorcycle production: In July 2022, there were 153,170 units, decreasing by 2.15 percent from June 2022 (%MoM) but increasing by 83.02 percent from the same month of the previous year (%YoY) from the increase in production of multipurpose motorcycles.

+ Domestic sales of motorcycles: In July 2022, there were 133,815 units, decreasing by 23.22 percent from June 2022 (%MoM) but increasing by 15.73 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 July 2022, there were 22,031 units, decreasing by 12.09 percent from June 2022 (%MoM) and decreasing by 44.70 percent from the same month of the previous year (%YoY). Export markets declined in the United States of America, the Philippines and Taiwan.

"Forecasts and trends of the motorcycle manufacturing industry in August 2022 will increase when compared to August 2021. Due to the low base of automotive production in July 2021 from the lockdown of the intense third COVID-19 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) decreased by 4.12 percent due to the slowdown in the production of smoked rubber sheets and concentrated latex.

➕ Automotive tires increased by 6.85 percent from an increase in the production of passenger car tires, pickup tires, truck and bus tires and tractor tires.

➖ Rubber gloves decreased by 10.89 percent following the slowdown in both domestic and international markets.

Domestic sales

➕ Primary processed rubber (smoked rubber sheets, rubber blocks and concentrated latex) increased by 1.91 percent, as a result of the increased demand for rubber blocks and concentrated latex.

➕ Automotive tires increased by 0.55 percent according to the expansion of the domestic automotive industry.

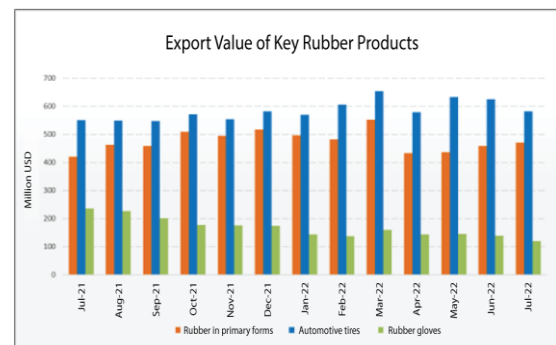
➖ Rubber gloves decreased by 19.89 percent according to the demand for rubber gloves to prevent diseases in countries has decreased.

Exports

➕ Primary processed rubber (smoked rubber sheets, rubber blocks and concentrated latex) increased in value by 12.02 percent, this was a result of the expansion of rubber block exports to the United States of America market and concentrated latex exports to the Malaysia market.

➕ Automotive tires increased in value by 5.84 percent from the good expansion of exports to the United States of America, Japan and South Korea markets.

➖ Rubber gloves decreased in value by 49.63 percent caused by the price of rubber gloves that has been reduced from the past.



Source: Ministry of Commerce

Outlook for the Industry in August 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 in both domestic and international markets. For tire production, it is expected to continue 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 slow down as the demand for rubber gloves to prevent diseases in the country is declining.

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 and Malaysia. 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, Japan and Australia which is the main market. As for the exports of rubber gloves, the value is expected to continue to decline from the numerical base of exports last year which were at a high level and the price of rubber gloves that has been reduced from the past.

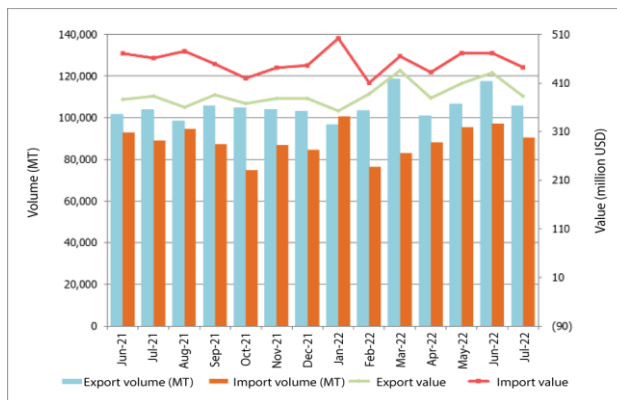
5. Plastics Industry

MPI and Shipment Index



Source: The Office of Industrial Economics

Volume and Value of Exports-Imports



Source: Office of the Permanent Secretary, Ministry of Commerce

+ Manufacturing Production Index: In July 2022, the MPI increased by 0.51 percent compared to the same period last year. The MPI increased in many product groups, for example, table utensils, kitchens and bathrooms which increased by 16.05 percent, plastic bags which increased by 6.36 percent and other plastic packaging which increased by 2.18 percent.

- Shipment Index: In July 2022, the shipment index decreased by 1.27 percent compared to the same period last year by contracting product groups such as plastic sheets which decreased by 6.99 percent, plastic sacks which decreased by 19.87 percent and other plastic products which decreased by 5.03 percent.

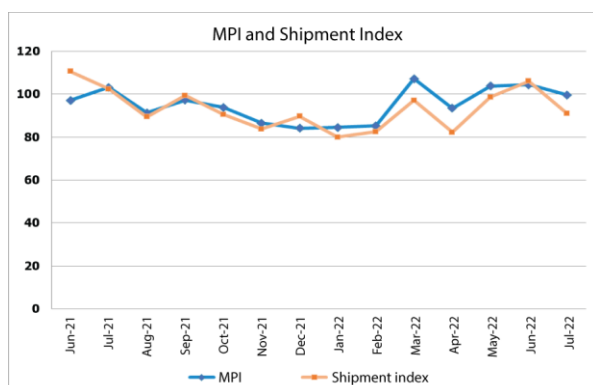
- Exports: In July 2022, the exports were valued at 383.05 million USD or decreased by 0.14 percent compared to the same period last year. Products that contributed to the contraction of exports were building assembly product groups (HS 3925) which decreased by 24.40 percent, other products that are made from plastic (HS 3926) which decreased by 16.12 percent and sheets, thin sheets, films, foils and strip products that are cellular (HS 3921) which decreased by 11.77 percent.

- Imports: In July 2022, the imports were valued at 442.43 million USD or decreased by 4.14 percent compared to the same period last year. Products that contributed to the contraction of imports were tubes or tubular products (HS 3917) which decreased by 11.18 percent, sheets, thin sheets, films, foils and strip products that are self-adhesive type (HS 3919) which decreased by 6.92 percent and products used for conveying or packing goods (HS 3923) which decreased by 6.65 percent.

Plastics Industry Trends in August 2022, the situation to relax the measures for entering the country will help to stimulate more foreign tourism, affecting the plastics industry which has a tendency to increase production. However, the Thai baht tends to depreciate affecting the imports-exports which tend to slow down in the next period.

6. Chemical Products Industry

MPI and Shipment Index



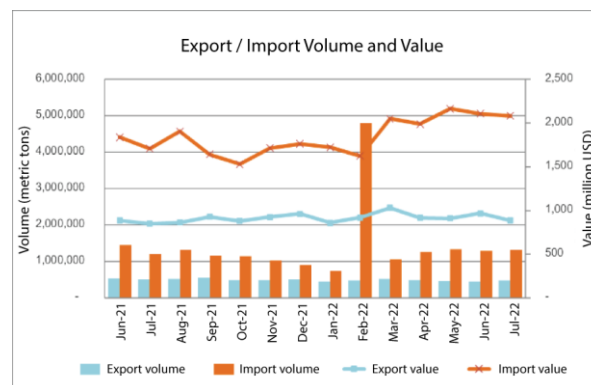
Source: The Office of Industrial Economics

Manufacturing Production Index: In July 2022, it was at 99.68 points, decreasing by 3.40 percent compared to the same period last year. The downstream chemicals group decreased by 5.38 percent. Products with decreased production include enamels which decreased by 22.34 percent, chemical fertilizers which decreased by 19.71 percent and softener which decreased by 14.08 percent compared to the same period last year. The upstream chemicals group increased by 2.84 percent. Products with increased production include ethanol which increased by 27.96 percent.

Shipment Index: In July 2022, it was at 91.15 points, decreasing by 11.00 percent compared to the same period last year. The shipment index of products in the upstream chemical group decreased by 5.25 percent. Products that decreased include hydrochloric acid which decreased by 10.68 percent, sodium hydroxide which decreased by 10.06 percent and chlorine which decreased by 9.65 percent. The downstream chemicals group decreased by 12.48 percent. Products with decreased production include chemical fertilizers which decreased by 37.53 percent, enamels which decreased by 21.08 percent and softener which decreased by 14.86 percent.

Exports: In July 2022, total exports were valued at 887.18 million USD, increasing by 4.4 percent compared to the same period last year. The upstream chemicals group has an export value of 591.01 million USD, increasing by 1.89 percent. The downstream chemicals group has an export value of 368.17 million USD, increasing by 8.4 percent compared to the same period last year. Products that

Volume and Value of Exports and Imports



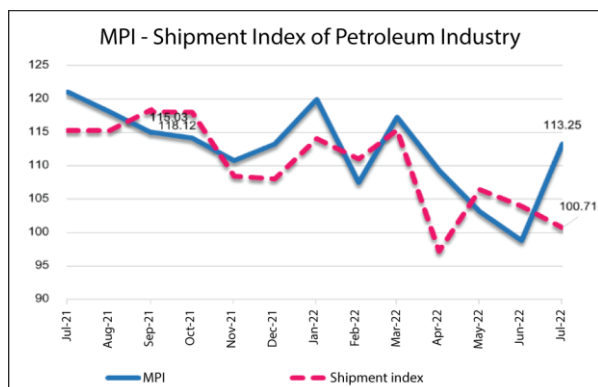
Source: Office of the Permanent Secretary, Ministry of Commerce

contributed to the expansion of the export value were inorganic chemicals which increased by 24.26 percent, surfactants which increased 15.89 percent and cosmetics which increased by 12.10 percent.

Imports: In July 2022, total imports were valued at 2,085.28 million USD, increasing by 22.05 percent compared to the same period last year. The upstream chemicals group had an import value of 1,302.39 million USD, increasing by 11.56 percent compared to the same period last year. The downstream chemicals had an import value of 782.89 million USD, increasing by 44.69 percent compared to the same period last year.

Chemical Product Industry Trends in August 2022, the rising energy prices affect operators who recently recovered from the COVID-19 pandemic situation. The commercial sector has just started to turn up, but there was a problem with rising energy prices and rising raw material costs. Some operators began to slow down production to wait and see the situation.

7. Petrochemical Industry



Source: The Office of Industrial Economics



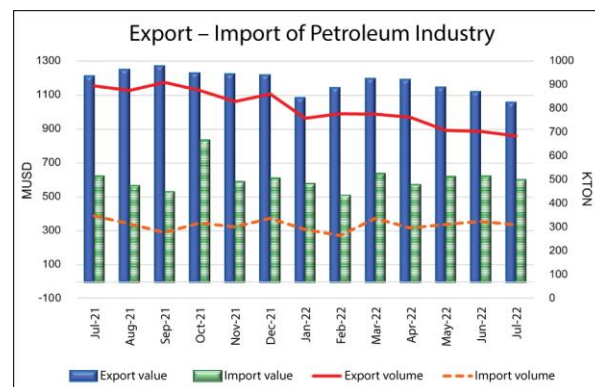
Manufacturing Production Index was at 113.25 points or decreased by 6.39 percent compared to the same period last year but increased by 15.07 percent compared to the previous month. The upstream petrochemicals including benzene and toluene decreased by 28.03 percent compared to the same period last year and downstream petrochemicals including EPS resin and PE resin decreased by 24.42 percent and 22.57 percent compared to the same period last year.



Shipment Index was at 100.71 points or decreased by 11.25 percent compared to the same period last year and decreased by 2.63 percent compared to the previous month. The upstream petrochemicals including benzene decreased by 28.11 percent compared to the same period last year and downstream petrochemicals including PS resin and PE resin decreased by 21.81 percent and 7.67 percent compared to the same period last year.



Exports: In July 2022, were valued at 1,060.07 million USD or decreased by 12.69 percent from the same period last year and decreased by 5.45 percent compared to the previous month. The downstream petrochemicals such as PS resin decreased and the upstream petrochemicals such as propylene and vinyl chloride decreased.



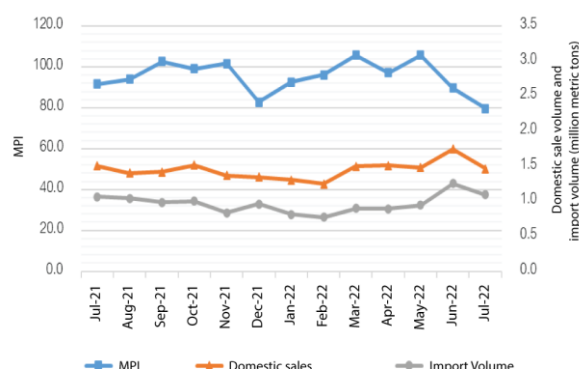
Source: Office of the Permanent Secretary, Ministry of Commerce



Imports: In July 2022, were valued at 604.03 million USD or decreased by 3.43 percent from the same period last year and decreased by 3.28 percent when compared to the previous month, the contracting in downstream petrochemical groups such as PP resin and PVC resin and the contracting in upstream petrochemical group such as vinyl chloride.

Forecasts and trends in August 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, the China-Taiwan conflict and protests that stopped 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

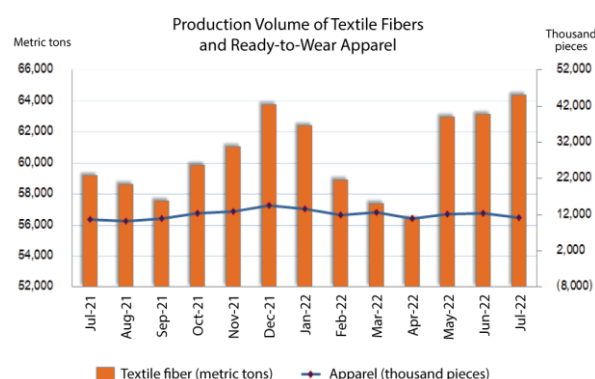
⚠ The Manufacturing Production Index: In July 2022, was at 79.6 points, decreasing by 13.3 percent compared to the same period last year, because steel prices tend to decline and consumers have the option of importing. When considering the main product, it was found that the production index of flat steel products have contracted while long steel products have expanded. The products in the flat steel group, the MPI was 75.6 points which decreased by 30.2 percent. The products that decreased were hot rolled steel which decreased by 44.2 percent, followed by cold rolled steel which decreased by 39.1 percent and tin plates which decreased by 38.6 percent. The products in the long steel group, the MPI was 86.9 points which increased by 9.7 percent. The products that increased were deformed steel bars which increased by 62.5 percent followed by wire rods which increased by 27.7 percent and high tensile steel wires which increased by 6.4 percent.

➕ Domestic Consumption: In July 2022, the consumption volume was 1.5 million tons, decreasing by 2.6 percent compared to the same period last year. For the flat steel group, the consumption volume was 0.9 million tons, decreasing by 10.8 percent from the consumption of galvanized steel sheets which decreased by 17.1 percent, followed by cold rolled thin steel which decreased by 11.1 percent and hot-rolled and non-rolled thin steel sheets which decreased by 10.8 percent, while the long steel group, the consumption volume was 0.5 million tons, increasing by 15.5 percent from the consumption of steel bar and hot-rolled structural steel which increased by 24.4 percent.

➕ Imports: In July 2022, the import volume was 1.1 million tons, increasing by 2.5 percent compared to the same period last year. The long steel product group had an import volume of 0.2 million tons, increasing by 6.7 percent from the import of hot-rolled structural steel (carbon steel type), increasing by 273.7 percent (the main countries imported by Thailand are China and South Korea) followed by seamless steel pipes which increased by 116.6 percent (the main country imported by Thailand is China) and wire rods (stainless steel type) which increased by 36.9 percent (the main countries imported by Thailand are China, Taiwan and Japan). The flat steel product group had an import volume of 0.9 million tons, increasing by 1.5 percent from imports of hot-rolled thin steel sheets (alloy steel type), increasing by 774.1 percent (the main country imported by Thailand is China) followed by hot-rolled and non-rolled thin steel sheets (stainless steel type) which increased by 137.4 percent (the main countries imported by Thailand are South Korea, Indonesia and China) and hot-rolled and non-rolled thin steel sheets (alloy steel type) which increased by 38.4 percent (the main countries imported by Thailand are Japan and China).

“The outlook for the steel industry in August 2022, it is expected that the production index will remain 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

Production

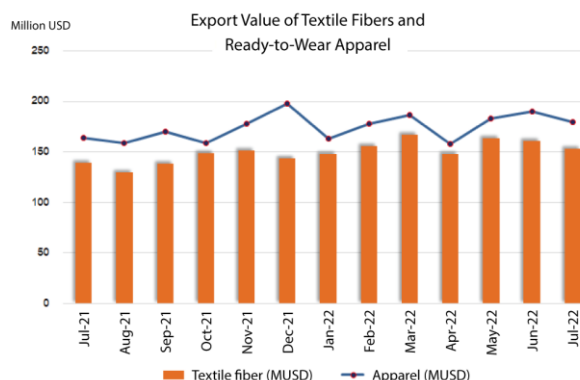
➕ Textile fibers increased by 8.76 percent (%YoY) from the polyester fiber group and fabrics increased by 22.77 percent from the polyester synthetic woven fabric group, while the production of ready-made garments increased by 5.53 percent from sports apparel, workout clothes, suits or uniforms that continue to expand. The main factor was the major trading partners' continual demand, especially in the main markets such as the United States of America, Japan and India. Furthermore, the domestic market was expanding from signs showing better economic growth on the full opening of the country.

Domestic sales

➕ Textile fibers, fabrics and ready-made garments increased by 7.75, 9.60 and 22.90 percent (%YoY) due to supporting factors of the recovery in domestic demand and the relaxation of international travel measures for foreign tourists to stimulate tourism in Thailand.

Imports

➕ Yarns and fibers and fabrics increased by 34.00 and 6.91 percent (%YoY). As a result, entrepreneurs increased their imports for their production supporting the exports to the major trading partners with continual orders. Ready-made garments increased by 49.72 percent (%YoY) from the major trading partners such as China, Italy, Vietnam Bangladesh and Cambodia.



Source: Ministry of Commerce

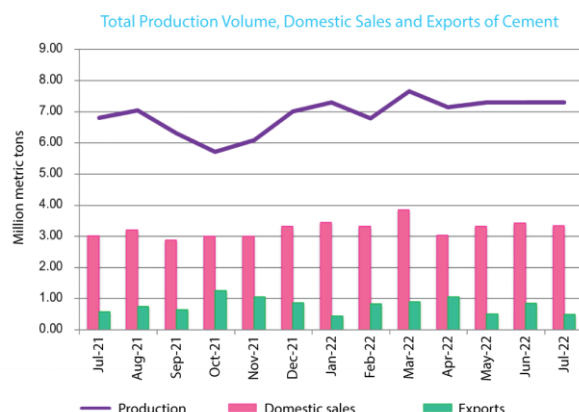
Exports

➕ Textile fibers, fabrics and ready-made garments expanded throughout the supply chain in key markets such as the United States of America, Japan, India, Bangladesh and Myanmar. Textile fibers, fabrics and ready-made garments increased by 10.13, 10.30 and 9.85 percent (%YoY).

Industry Outlook for August 2022

It is expected that the textile and wearing apparel industry will continue to expand throughout the supply chain due to the recovery in domestic demand and the tourism sector after the relaxation of international travel restrictions and control measures. Furthermore, international markets' continual demand will impact the higher demand for the products. However, there are still risk factors for global economic and financial system volatility as a result of the uncertainty of the geopolitical conflicts, including the lengthening of the conflict between Russia and Ukraine, the conflict between the US and China and the tension between China and Taiwan as well as the policy on raising interest rates after the rising of inflation.

10. Cement Industry



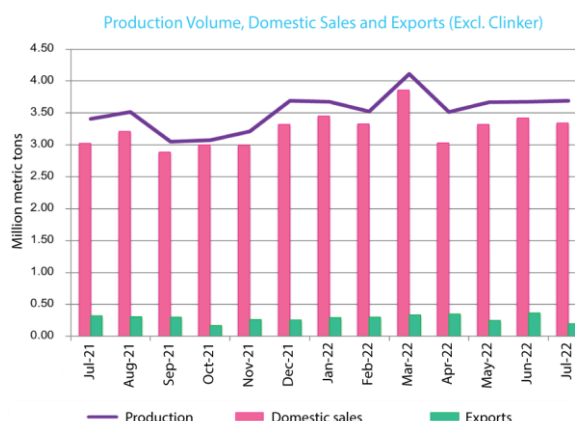
Source: 1. Domestic production and sales volume: Division of Information and Industrial Economic Indices, the Office of Industrial Economics
2. Export volume: Information and Communication Technology Center, Office of the Permanent Secretary, Ministry of Commerce

+ In July 2022, the total production of cement was 7.31 million tons, increasing by 0.09 percent from June 2022 (%MoM) and increasing by 7.39 percent from the same month of the previous year (%YoY).

+ In July 2022, total domestic sales of cement were 3.35 million tons, decreasing by 2.35 percent from June 2022 (%MoM) but increasing by 10.64 percent from the same month of the previous year (%YoY) due to supporting factors of the large construction projects of the government and the economic recovery from the governments opening of the country.

- In July 2022, total cement exports were 0.49 million tons, decreasing by 41.61 percent from June 2022 (%MoM) and decreasing by 15.86 percent from the same month of the previous year (%YoY) as the reduction of orders from the Philippines, Vietnam and Lao PDR reached 53.59 percent, 46.43 and 24.12 percent, respectively.

Forecasts and trends of the cement manufacturing industry overall in August 2022 are expected to expand slightly more. Although there will be supporting factors for the government's construction projects and investment recovery in the private real estate sector, there will also be negative factors of higher interest rates in the financial sector and floods in some areas.



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 July 2022, domestic sales of cement (excluding clinker) were 3.69 million tons, increasing by 0.49 percent from June 2022 (% MoM) and increasing by 8.37 percent from the same month of the previous year (%YoY).

+ In July 2022, domestic sales of cement (excluding clinker) were 3.34 million tons, decreasing by 2.35 percent from June 2022 (% MoM) from Thailand is entering its rainy season but increasing by 10.45 percent from the same month of the previous year (%YoY) according to the economic recovery.

- In July 2022, cement exports (excluding clinker) were 0.20 million tons, decreasing by 46.17 percent from June 2022 (%MoM) and decreasing by 37.94 percent from the same month of the previous year (%YoY) as the reduction of orders from Vietnam, Lao PDR and Cambodia reached 46.43 percent, 23.87 and 16.35 percent, respectively.

Forecasts and trends of the cement manufacturing industry (excluding clinker) in August 2022 are expected to expand slightly more in line with the economic recovery whilst there will also be negative factors of the floods in some areas.