

**Required Report:** Required - Public Distribution

**Date:** April 05, 2022

**Report Number:** TH2022-0026

**Report Name:** Cotton and Products Annual

**Country:** Thailand

**Post:** Bangkok

**Report Category:** Cotton and Products

**Prepared By:** Maysa Chanikornpradit, Agricultural Specialist

**Approved By:** Eric Mullis

**Report Highlights:**

FAS Bangkok (Post) forecasts marketing year (MY) 2022/23 cotton imports slightly larger than MY2021/22 in line with the global economic recovery and anticipated rising demand from key foreign trade partners. There has been a significant increase of imported cotton in MY2021/22 due to foreign customers' pent-up demand for both textile and garment products from the previous years. Post forecasts imports of U.S. cotton to only grow marginally in MY2022/23 due to increased competition from Australian cotton.

## **Executive Summary**

FAS Bangkok (Post) forecasts MY2022/23 cotton imports 3 percent larger than MY2021/22 at 720,000 bales due to a marginal increase in cotton and cotton-blended yarn production. The anticipated increase of business activities from the easing of disease control measures will increase the production and export of textile and garment products. Spinning mills that produce premium grade cotton yarn rely on high-quality cotton for their medium and fine count yarn production. Spinning mills have started importing more cotton from Australia rather than the United States due to competitive prices. The logistical challenges of getting cotton from the United States has also fueled the shift from U.S. cotton to Australian cotton. Cotton consumption is still below the five-year average due to the large drop in demand during the COVID-19 pandemic.

Post forecasts MY2021/22 cotton imports to be 17 percent larger than MY2020/21, recovering to pre-COVID-19 import volumes of 700,000 bales in MY2019/20. In the first five months of MY2021/22, cotton imports increased 60 percent from the same period last year. Despite the increase of cotton imports, imports of U.S. cotton increased 5 percent to around 300,000 bales compared to MY2020/21. Global supply chain disruptions have made it harder to get U.S. product to Thailand, leading importers to source more Australian cotton. Spinners remain concerned about the slow global economic recovery from the COVID-19 pandemic, which caused a significant fall in the demand for textile and garment products.

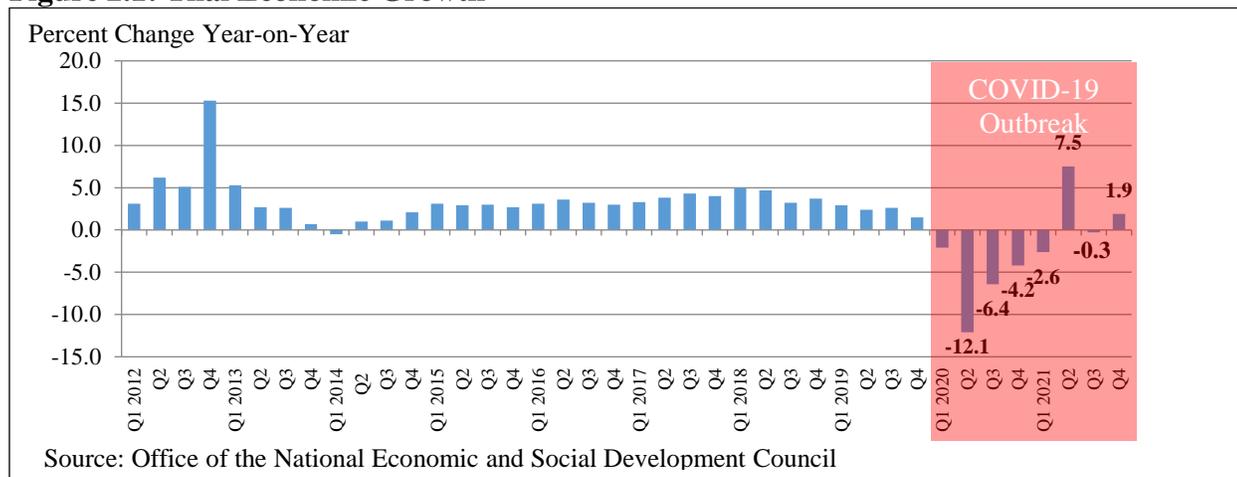
### **1. Production**

Cotton production remains marginal in Thailand totaling approximately 1,500 – 1,600 metric tons (2,300 – 2,500 bales) due to unattractive returns compared to other field crops like corn. Domestic production accounts for less than one percent of total demand. The government does not provide any incentives for farmers to produce cotton. The government also bans domestic production of all transgenic (biotech) plant varieties, including cotton.

### **2. Consumption**

Post forecasts MY2022/23 cotton consumption at 700,000 bales, up 4.5 percent from MY2021/22. Despite the increase, cotton consumption remains slightly lower than pre-pandemic consumption. The Thai government anticipates a slower economic recovery in 2022 than what it forecasted previously. The Bank of Thailand expects the economy to grow by 3.4 percent in 2022 and 4.7 percent in 2023, compared to the economic growth of 1.6 percent in 2021 (Figure 2.1), driven by a growing number of foreign tourists. The Thai government estimates that 5.6 million tourists will arrive in Thailand in 2022 and 20 million in 2023. The hospitality sector, especially hotels and restaurants, constitutes a sizable portion of domestic demand for textile products. The anticipated increase in foreign tourists to 5.6 million in 2022 is still far below the 40 million foreign tourists that would arrive annually in Thailand before the outbreak of COVID-19.

**Figure 2.1: Thai Economic Growth**



The President of the Thai Garment Manufacturers Association anticipates that the value of Thai exports of garment and textile products will increase by 8 and 10 percent, respectively, in 2022. The relaxation lockdown measures, the recovering global economy, the increase in demand from the United States after it banned cotton shipments from China in 2021, and the increase in sporting events that drive demand for sportswear will drive the increased exports. The value of garment and textile exports increased 6 and 11 percent, respectively, in the first two months of 2022 compared to the same period in 2021. The upward trend will encourage spinners to import higher volumes of raw cotton in MY2022/23.

Post forecasts MY2021/22 cotton consumption will be 670,000 bales, up 10 percent from MY2020/2012 ([TH2021-0084: Cotton and Products Update, November 2021](#)). Spinners are holding low inventories of cotton yarn in the first five months of MY2021/22, down approximately 32 percent comparing to the same period last year. Spinners reduced their inventories of cotton yarn due uncertain demand following the outbreak of COVID-19 in MY2019/20. Cotton spinners will be cautious in building up cotton yarn stocks in the second half of MY2021/22 due to concerns of an expected slowdown in economic recovery caused by the Russian invasion of Ukraine.

The Thai Garment Manufacturer Association reported the total export value of garments in 2021 was approximately \$2.3 billion, up 9.5 percent from \$2.1 billion in 2020. The 2021 export value remains 10 percent below the pre-pandemic export value of \$2.56 billion in 2019. In the first half of MY2021/22, key foreign customers for garments and textile products, such as the United States, China, Japan, and the EU, have started to increase their orders. Despite the positive projection, spinners still face higher prices for raw cotton and increased freight costs from high oil prices and container shortages in the second half of MY2021/22.

The value of Thai garment and textile exports was approximately \$4.7 billion from January to September 2021, up 12 percent from \$4.2 billion from the same period the year before (Table 2.1). Despite the growth, the export value has not recovered to the pre-COVID-19 record.

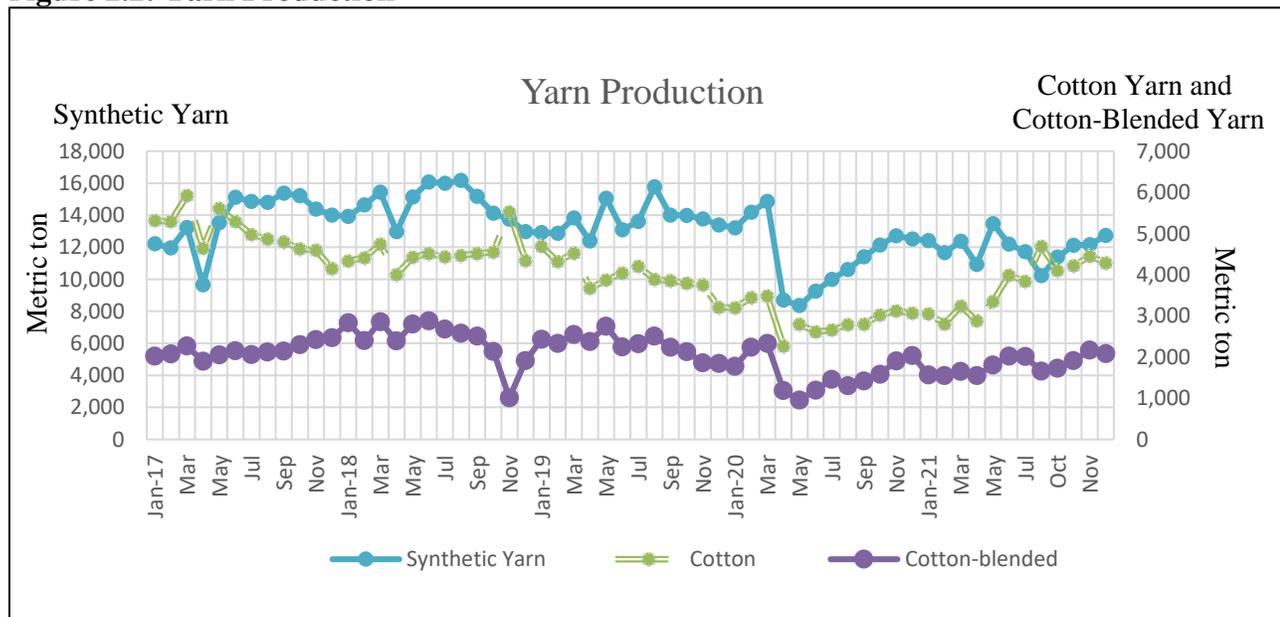
**Table 2.1: Thailand’s Garment and Textile Exports**

| Product Groups                         | Jan to Sep<br>(Unit: Million USD) |       |       | % Change |       |       | % Share |      |
|--|-----------------------------------|-------|-------|----------|-------|-------|---------|------|
|  | 2019                              | 2020  | 2021  | 20/19    | 21/20 | 21/19 | 2019    | 2020 |
| Textile and clothing                   | 5,209                             | 4,257 | 4,773 | -18      | 12    | -8    | 100     | 100  |
| Textile                                | 3,284                             | 2,660 | 3,094 | -19      | 16    | -6    | 62      | 65   |
| Clothing:                              | 1,924                             | 1,597 | 1,679 | -17      | 5     | -13   | 38      | 35   |
| -Garment of cotton                     | 470                               | 402   | 448   | -15      | 12    | -5    | 25      | 27   |
| -Garment of man-made fibers            | 616                               | 482   | 530   | -22      | 10    | -14   | 30      | 32   |
| -Garment of other textile materials    | 445                               | 378   | 380   | -15      | 0     | -15   | 24      | 23   |
| -Brassieres, corsets and parts thereof | 145                               | 134   | 128   | -8       | -4    | -12   | 8       | 8    |
| -Babies garments                       | 93                                | 82    | 82    | -11      | 0     | -11   | 5       | 5    |
| -Panty hose, tights, stockings, socks  | 99                                | 92    | 86    | -8       | -6    | -13   | 6       | 5    |
| -Others                                | 56                                | 27    | 24    | -51      | -13   | -58   | 2       | 1    |

Source: Thai Garment Manufacturers Association

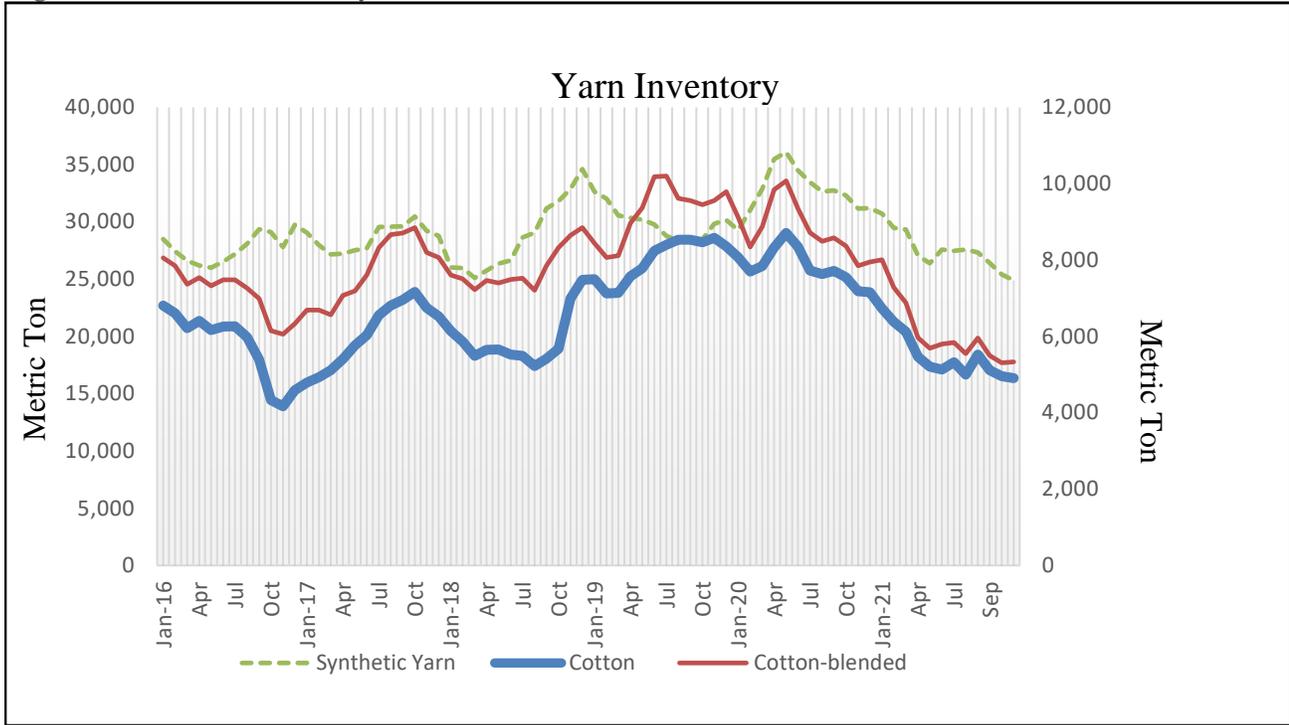
Cotton and cotton-blended yarn production accounts for approximately 35-40 percent of total yarn production. Total cotton yarn production increased 39 percent in the first five months of MY2021/22 from the same period last year (Figure 2.2). An 80 percent increase in cotton yarn exports fueled the larger cotton yarn production (Table 4). Demand for cotton year exports from Thailand’s main customers (e.g., China, South Korea, Japan, Vietnam, and Bangladesh) has risen. Export-oriented garment and textile factories are operating at full capacity plus overtime to fulfill orders. Two spinning mill and thirty-one garment factories opened in 2021, according to the Ministry of Industry’s Department of Industrial Works. Garment factories are also facing a shortage of migrant workers. Many migrant workers are still unable to return to work. Cotton yarn inventory in the first half of MY2021/22 decreased 32 percent compared to same period last year (Figure 2.3).

**Figure 2.2: Yarn Production**



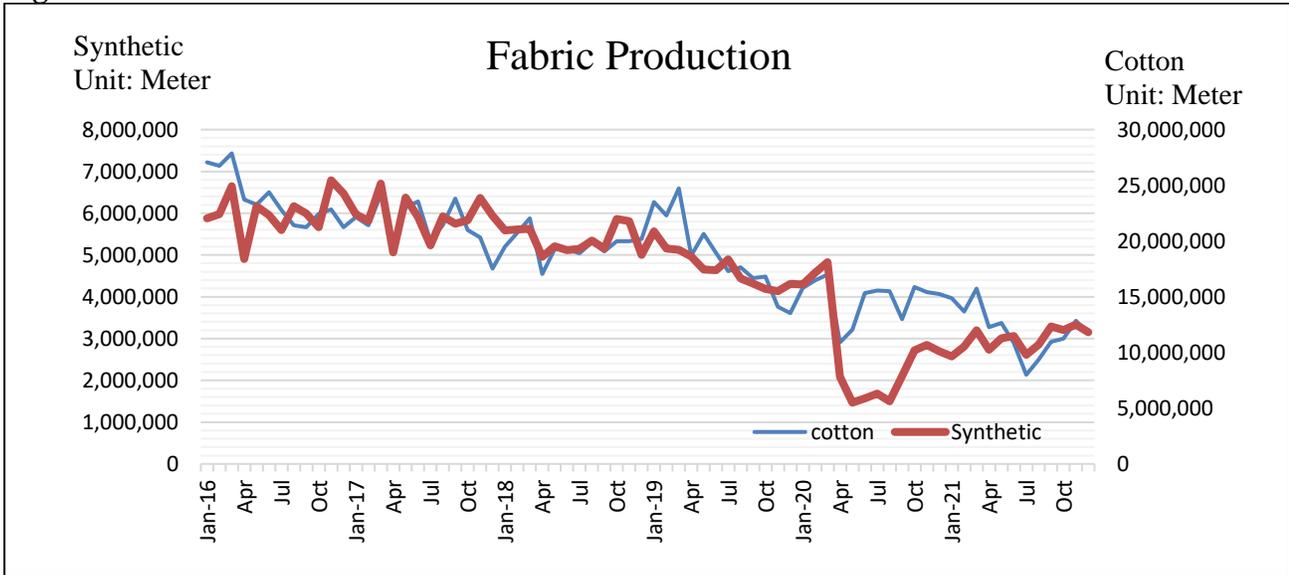
Source: Office of Industrial Economics, Ministry of Industry

**Figure 2.3: Yarn Inventory Index**



Source: Office of Industrial Economics, Ministry of Industry

**Figure 2.4: Fabric and Garment Production**



Source: Office of Industrial Economics, Ministry of Industry

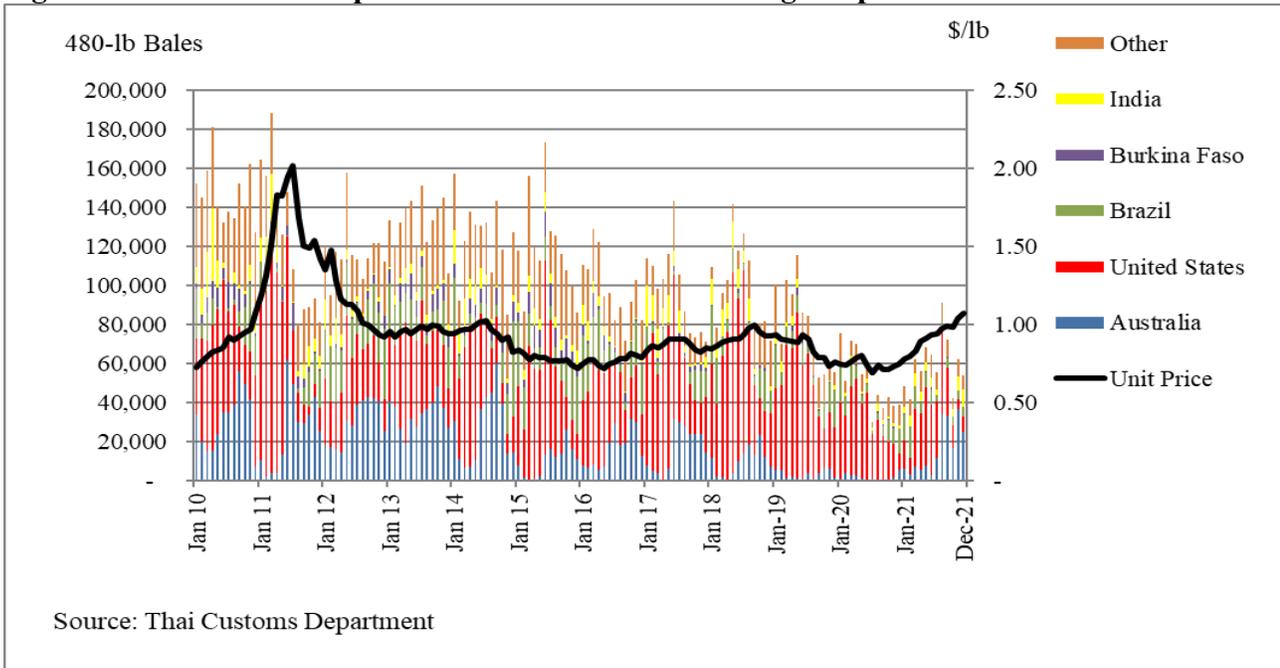
### 3. Trade

Post forecasts MY2022/23 cotton imports at 720,000 bales, up 3 percent from MY2021/22. Cotton yarn production was 18 percent larger in MY2021/22 compared to MY2020/21. Post forecasts imports of U.S. cotton in MY2022/23 to increase to a lesser degree to 305,000 bales, up approximately 1.5 percent from MY2021/22. Cotton spinners are importing more Australian cotton instead of U.S. cotton a result of the prolonged logistical challenges of getting product from the United States including continued container shortages. Medium-scale spinning mills continue to diversify their cotton yarn production from coarse-count yarn to medium and fine-count yarn. Locally produced coarse-count yarn cannot compete with imported yarn. Spinning mills typically rely on high-quality cotton from the United States for fine-count yarn production. In addition, the Thai garment industry is highly dependent on exporting foreign brand name apparel, particularly sportswear, that is produced under contract to the United States, the EU, and Japan. The Thai garment industry expects these countries to gain back purchasing power after the administration of the COVID-19 vaccines and the Omicron surge recedes.

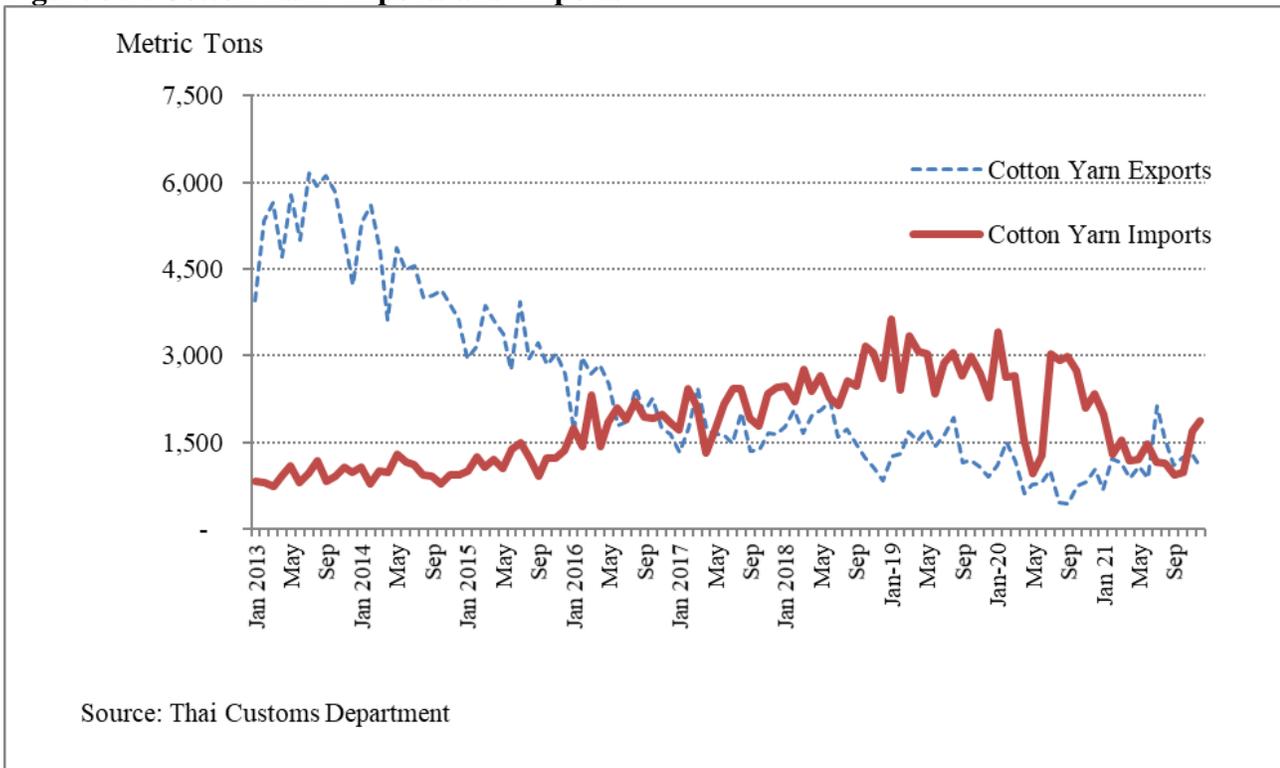
Post's forecast for MY2021/22 cotton imports is 700,000 bales, which is 17 percent higher than MY2020/21 due to the pent-up demand from foreign customers. Cotton imports totaled 321,450 bales in the first five months of MY2021/22, up 60 percent from the same period in MY2020/21 (Figure 3.1 and Table 2). Imports of U.S. cotton increased to 92,847 bales, up 28 percent from the same period last year. Despite rising demand for raw cotton, Posts forecasts imports of U.S. cotton at 300,000 bales, up approximately 5 percent from MY2020/21, as imports of Australian cotton increase. China was a key importer of Australian cotton but has ceased buying cotton from Australia since mid-2021 over a dispute between the two nations regarding COVID-19. Thai spinners enjoy the availability of Australia cotton whose shipments are more dependable and have shorter transit times than shipments from the United States. Logistical challenges and container shortages resulting from the COVID-19 pandemic remains the main obstacle for U.S. cotton in the Thai market. Import prices of raw cotton were 39 percent higher in the first half of MY2021/22 comparing to same period in MY2020/21 (Figure 3.1). The higher prices have deterred spinners from building up raw cotton stocks.

Thailand has been a net importer of cotton yarn since MY2016/17. Garment manufacturers are increasingly using cheaper imported fabric in their production, mainly from China and India. Fabric manufacturers have had to shift to cheaper imported cotton yarn in order to compete. Weak consumer spending and the significant decrease in the number of foreign tourists made the demand for clothing plummet. Fabric imports decreased 25 percent in the first five month of MY2021/22 compared to same period in MY2020/21. Moreover, total cotton yarn imports also dropped around 50 percent, mainly from India and Vietnam (Figure 3.2 and Table 3). Fabric production dropped 26 percent in the first five months of MY2021/22. In addition, garment production decreased around 67 percent, and garment stocks dropped 75 percent in the first half of MY2021/22. Nevertheless, rising demand for yarn exports fueled an increased 18 percent in yarn production. Yarn exports grew around 80 percent in the first five months of MY2020/21 when compared to MY2019/21, mainly to China, South Korea, Japan, and Bangladesh (Figure 3.2 and Table 4). Exports of cotton yarn are competitive due to the weakening of the Thai baht at around 33.08 Baht/\$1.00 in the first five months of MY2021/22 compared to 30.71 Baht/\$1.00 in the same period of MY2020/21.

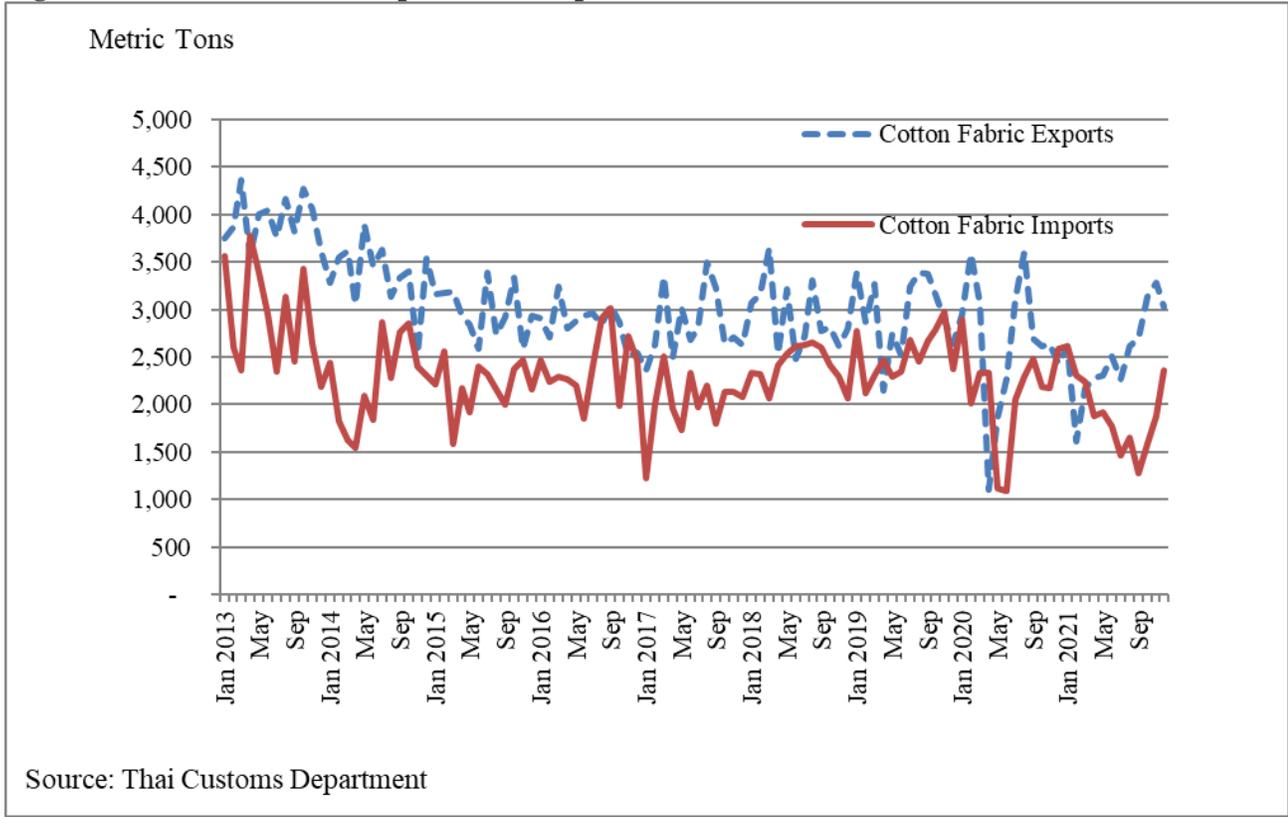
**Figure 3.1: Thailand's Imports of Raw Cotton and Average Import Prices**



**Figure 3.2: Cotton Yarn Exports and Imports**



**Figure 3.3: Cotton Fabric Exports and Imports**



**4. Stocks**

Post forecasts MY2021/22 and MY2022/23 cotton stocks to remain at a minimum of 2 months of use. Spinning mills are likely to remain cautious about building up stocks of cotton, particularly in the first half of MY2022/23, due to concerns about a slow economic recovery from the COVID-19 outbreak.

## Appendix Table

**Table 1: Thailand's Cotton Production, Supply, and Distribution**

| Cotton<br>Market Year Begins            | 2020/2021        |          | 2021/2022        |          | 2022/2023        |          |
|---|------------------|----------|------------------|----------|------------------|----------|
|   | Aug 2020         |          | Aug 2021         |          | Aug 2022         |          |
|   | USDA<br>Official | New Post | USDA<br>Official | New Post | USDA<br>Official | New Post |
| <b>Thailand</b>                         |                  |          |                  |          |                  |          |
| Area Planted (1000 HA)                  | 0                | 1        | 0                | 1        | 0                | 1        |
| Area Harvested (1000 HA)                | 1                | 1        | 1                | 1        | 0                | 1        |
| Beginning Stocks 1000 480 lb. Bales     | 103              | 103      | 77               | 77       | 0                | 93       |
| Production 1000 480 lb. Bales           | 2                | 2        | 2                | 2        | 0                | 2        |
| Imports 1000 480 lb. Bales              | 598              | 598      | 700              | 700      | 0                | 720      |
| MY Imports from U.S. 1000 480 lb. Bales | 0                | 285      | 0                | 300      | 0                | 305      |
| Total Supply 1000 480 lb. Bales         | 703              | 703      | 779              | 779      | 0                | 815      |
| Exports 1000 480 lb. Bales              | 1                | 1        | 1                | 1        | 0                | 1        |
| Use 1000 480 lb. Bales                  | 610              | 610      | 675              | 670      | 0                | 700      |
| Loss 1000 480 lb. Bales                 | 15               | 15       | 15               | 15       | 0                | 15       |
| Total Dom. Cons. 1000 480 lb. Bales     | 625              | 625      | 690              | 685      | 0                | 715      |
| Ending Stocks 1000 480 lb. Bales        | 77               | 77       | 88               | 93       | 0                | 99       |
| Total Distribution 1000 480 lb. Bales   | 703              | 703      | 779              | 779      | 0                | 815      |
| Stock to Use % (PERCENT)                | 12.6             | 12.6     | 13.02            | 13.86    | 0                | 14.12    |
| Yield (KG/HA)                           | 435              | 435      | 435              | 435      | 0                | 435      |
|   |                  |          |                  |          |                  |          |

(1000 HA) ,1000 480 lb. Bales ,(PERCENT) ,(KG/HA)

**Table 2: Thailand's Imports of Raw Cotton**

| Marketing Year<br>(August/July)<br>Unit: 480-lb bale | MY18/19          | MY19/20        | MY20/21        | %<br>Change  | August - December |                |             |
|--|------------------|----------------|----------------|--------------|-------------------|----------------|-------------|
|  |                  |                |                |              | MY2020/21         | MY2021/22      | % Change    |
| United States  | 588,625          | 420,579        | 284,948        | -32.2        | 98,127            | 92,847         | -5.4        |
| Australia  | 94,068           | 31,468         | 52,148         | 65.7         | 8,203             | 145,514        | 1,673.9     |
| Brazil   | 125,210          | 111,045        | 104,652        | -5.8         | 39,724            | 23,665         | -40.4       |
| Mali   | 37,102           | 29,605         | 22,032         | -25.6        | 4,349             | 7,395          | 70.0        |
| Burkina Faso   | 16,005           | 4,742          | 7,222          | 52.3         | 4,493             | 451            | -90.0       |
| Cote d'Ivoire  | 20,685           | 9,177          | 16,690         | 81.9         | 8,733             | 2,560          | -70.7       |
| India  | 38,565           | 17,037         | 44,199         | 159.4        | 10,525            | 20,058         | 90.6        |
| Tanzania   | 28,431           | 10,948         | 3,703          | -66.2        | 2,580             | 2,082          | -19.3       |
| Pakistan   | 5,070            | 182            | -              | -100.0       | -                 | -              | -           |
| Argentina  | 43,215           | 15,347         | 17,281         | 12.6         | 7,894             | 4,170          | -47.2       |
| Mexico   | 3,801            | 2,654          | 882            | -66.8        | -                 | -              | -           |
| Zimbabwe   | 1,667            | 2,329          | 5,778          | 148.1        | 1,445             | 4,138          | 186.4       |
| Spain  | 20,582           | 5,428          | -              | -100.0       | -                 | -              | -           |
| Benin  | 4,184            | 2,293          | 2,935          | 28.0         | 909               | -              | -100.0      |
| Others   | 48,263           | 42,315         | -              | -100.0       | 11,710            | 18,570         | 58.6        |
| <b>World</b>   | <b>1,075,473</b> | <b>700,407</b> | <b>597,836</b> | <b>-14.6</b> | <b>201,350</b>    | <b>321,450</b> | <b>59.6</b> |

Source: Thai Customs Department

| Calendar Year<br>Unit:480-lb Bales | 2019           | 2020           | 2021           | % Change    | December      |               |             |
|------------------------------------|----------------|----------------|----------------|-------------|---------------|---------------|-------------|
|                                    |                |                |                |             | 2020          | 2021          | % Change    |
| United States                      | 574,452        | 367,715        | 279,668        | -23.9       | 8,279         | 7,476         | -9.7        |
| Brazil                             | 124,848        | 96,002         | 88,594         | -7.7        | 12,853        | 5,119         | -60.2       |
| Australia                          | 39,180         | 20,495         | 189,459        | 824.4       | 5,470         | 25,154        | 359.9       |
| Greece                             | 18,157         | 6,484          | 839            | -87.1       | -             | -             | -           |
| Tanzania                           | 11,305         | 10,182         | 3,205          | -68.5       | -             | -             | -           |
| Argentina                          | 20,960         | 16,892         | 13,557         | -19.7       | 873           | 1,347         | 54.3        |
| Mali                               | 44,083         | 11,900         | 25,078         | 110.7       | 1,142         | 337           | -70.5       |
| India                              | 26,813         | 23,984         | 53,733         | 124.0       | 1,555         | 8,580         | 451.8       |
| Spain                              | 10,380         | 2,770          | -              | -100.0      | -             | -             | -           |
| Cote De Ivoire                     | 13,173         | 13,738         | 10,517         | -23.4       | 5,050         | -             | -100.0      |
| Turkey                             | 5,220          | 1,195          | 6,674          | 458.5       | 202           | 505           | -           |
| Togo                               | 5,294          | 4,355          | 3,883          | -10.8       | -             | -             | -           |
| South Africa                       | 6,271          | 4,658          | 2,348          | -49.6       | 451           | 704           | -           |
| China                              | 73             | 73             | 1,807          | 2,375.3     | 37            | 1,733         | 4,583.8     |
| Others                             | 42,066         | 33,191         | 38,574         | 16.2        | 3,191         | 4,591         | 43.9        |
| <b>World</b>                       | <b>942,202</b> | <b>613,561</b> | <b>717,936</b> | <b>17.0</b> | <b>39,066</b> | <b>53,813</b> | <b>37.7</b> |

Source: Thai Customs Department

**Table 3: Thailand's Imports of Cotton Yarn**

| Marketing Year<br>(August/July) | MY18/19       | MY19/20       | MY20/21       | %<br>Change | August - December |              |              |
|---------------------------------|---------------|---------------|---------------|-------------|-------------------|--------------|--------------|
|                                 |               |               |               |             | MY20/21           | MY21/22      | %<br>Change  |
| <b>Unit: Metric Tons</b>        |               |               |               |             |                   |              |              |
| India                           | 18,460        | 13,362        | 9,691         | -27         | 4,940             | 3,029        | -38.7        |
| Vietnam                         | 9,254         | 10,066        | 8,279         | 9           | 5,039             | 1,144        | -77.3        |
| China                           | 3,410         | 3,334         | 3,191         | -2          | 1,934             | 1,206        | -37.6        |
| Japan                           | 2,104         | 731           | 35            | -65         | 18                | 591          | 3,183.3      |
| Indonesia                       | 356           | 1,365         | 1,217         | 283         | 772               | 461          | -40.3        |
| Korea South                     | 454           | 10            | 1             | -98         | -                 | -            | -            |
| Malaysia                        | 294           | 116           | 41            | -61         | 39                | -            | -            |
| Taiwan                          | 42            | 13            | 30            | -69         | 10                | 8            | -20.0        |
| Italy                           | 19            | 21            | 6             | 11          | 3                 | 2            | -            |
| Pakistan                        | 133           | 37            | 82            | -72         | 34                | 106          | 211.8        |
| Germany                         | 2             | 2             | 2             | 0           | -                 | 1            | -            |
| United States                   | 2             | -             | -             | -100        | -                 | -            | -            |
| Hong Kong                       | 28            | 4             | 2             | -86         | -                 | 1            | -            |
| Other                           | 35            | 127           | 416           | 263         | 329               | 94           | -71.4        |
| <b>World</b>                    | <b>34,593</b> | <b>29,188</b> | <b>22,993</b> | <b>-16</b>  | <b>13,118</b>     | <b>6,643</b> | <b>-49.4</b> |

Source: Thai Customs Department

| Calendar Year            | 2017          | 2018          | 2019          | 2020          | 2021          | % Change     |
|--------------------------|---------------|---------------|---------------|---------------|---------------|--------------|
| <b>Unit: Metric Tons</b> |               |               |               |               |               |              |
| India                    | 11,206        | 16,324        | 16,981        | 11,682        | 7,780         | -33.4        |
| Vietnam                  | 4,988         | 7,517         | 10,417        | 10,691        | 4,385         | -59.0        |
| China                    | 3,575         | 3,713         | 3,235         | 3,905         | 2,463         | -36.9        |
| Japan                    | 2,560         | 2,204         | 1,789         | 313           | 609           | 94.6         |
| Indonesia                | 345           | 403           | 1,023         | 1,427         | 906           | -36.5        |
| Korea South              | 918           | 301           | 394           | 3             | 1             | -61.7        |
| Malaysia                 | 8             | 0             | 332           | 117           | 2             | -98.3        |
| Taiwan                   | 67            | 23            | 39            | 21            | 28            | 33.3         |
| Italy                    | 13            | 21            | 19            | 9             | 6             | -33.3        |
| Pakistan                 | 306           | 189           | 94            | 46            | 154           | 234.8        |
| Germany                  | 1             | 1             | 2             | 1             | 4             | 300.0        |
| United States            | 2             | 2             | 1             | -             | -             | -            |
| Hong Kong                | 26            | 27            | 9             | 1             | 3             | 200.0        |
| Other                    | 835           | 54            | 67            | 820           | 178           | -78.3        |
| <b>World</b>             | <b>24,852</b> | <b>30,779</b> | <b>34,402</b> | <b>28,632</b> | <b>16,519</b> | <b>-42.3</b> |

Source: Thai Customs Department

**Table 4: Thailand's Exports of Cotton Yarn**

| Marketing Year<br>(August/July) | MY18/19       | MY19/20       | MY20/21       | %<br>Change | August - December |              |             |
|---------------------------------|---------------|---------------|---------------|-------------|-------------------|--------------|-------------|
|                                 |               |               |               |             | MY20/21           | MY21/22      | %<br>Change |
| <b>Unit: Metric Tons</b>        |               |               |               |             |                   |              |             |
| China                           | 7,450         | 4,273         | 3,124         | -27         | 1,099             | 1,621        | 47.5        |
| Korea South                     | 4,134         | 3,730         | 1,621         | -57         | 488               | 986          | 102.0       |
| Japan                           | 2,904         | 3,417         | 2,863         | -16         | 1,125             | 1,470        | 30.7        |
| Indonesia                       | 600           | 539           | 661           | 23          | 238               | 221          | -7.1        |
| Egypt                           | 26            | -             | -             | -           | -                 | -            | -           |
| Italy                           | 156           | 128           | 6             | -95         | 6                 | 97           | 1516.7      |
| Vietnam                         | 285           | 390           | 492           | 26          | 154               | 320          | 107.8       |
| Cambodia                        | 61            | 94            | 118           | 26          | 52                | 40           | -           |
| Papua New Guinea                | 30            | -             | -             | -           | -                 | -            | -           |
| Australia                       | 14            | 11            | 10            | -9          | 5                 | 3            | -           |
| Hong Kong                       | 45            | 42            | 78            | 86          | 16                | 36           | 125.0       |
| Laos                            | 37            | 61            | 140           | 130         | 66                | 62           | -6.1        |
| Bangladesh                      | 575           | 6             | 443           | 7283        | 25                | 642          | 2468.0      |
| Other                           | 666           | 543           | 811           | 49          | 237               | 794          | 235.0       |
| <b>World</b>                    | <b>16,983</b> | <b>13,234</b> | <b>10,367</b> | <b>-27</b>  | <b>3,511</b>      | <b>6,292</b> | <b>79.2</b> |

Source: Thai Customs Department

| Calendar Year<br>Unit: Metric Tons | 2017          | 2018          | 2019          | 2020          | 2021          | % Change    |
|------------------------------------|---------------|---------------|---------------|---------------|---------------|-------------|
| China                              | 11,491        | 8,377         | 7,396         | 2,948         | 3,647         | 23.7        |
| Korea South                        | 3,421         | 4,827         | 4,313         | 2,544         | 2,119         | -16.7       |
| Japan                              | 3,488         | 3,142         | 3,087         | 3,103         | 3,208         | 3.4         |
| Indonesia                          | 63            | 713           | 513           | 599           | 644           | 7.5         |
| Egypt                              | 19            | 36            | 26            | -             | -             | -           |
| Italy                              | 188           | 259           | 155           | 71            | 98            | 38.0        |
| Vietnam                            | 215           | 218           | 324           | 377           | 659           | 74.8        |
| Cambodia                           | 1             | 1             | 86            | 120           | 105           | -12.5       |
| Papua New Guinea                   | 55            | 29            | -             | -             | 1             | -           |
| Australia                          | 21            | 18            | 13            | 8             | 8             | 0.0         |
| Hong Kong                          | 144           | 129           | 46            | 37            | 98            | 164.9       |
| Laos                               | 48            | 41            | 43            | 105           | 137           | 30.5        |
| Bangladesh                         | 226           | 1,389         | 197           | 26            | 1,060         | 3,976.9     |
| Other                              | 710           | 557           | 709           | 528           | 1,373         | 160.0       |
| <b>World</b>                       | <b>20,093</b> | <b>19,735</b> | <b>16,882</b> | <b>10,466</b> | <b>13,157</b> | <b>25.7</b> |

Source: Thai Customs Department

**Table 5: Thailand's Imports of Cotton Fabric**

| Marketing Year<br>(August/July) | MY18/19       | MY19/20       | MY20/21       | %<br>Change | August - December |              |              |
|---------------------------------|---------------|---------------|---------------|-------------|-------------------|--------------|--------------|
|                                 |               |               |               |             | MY20/21           | MY21/22      | %<br>Change  |
| <b>Unit: Metric Tons</b>        |               |               |               |             |                   |              |              |
| China                           | 15,863        | 15,822        | 15,263        | -3.5        | 6,620             | 5,662        | -14.5        |
| India                           | 10,844        | 9,582         | 9,367         | -2.2        | 4,557             | 2,738        | -39.9        |
| Indonesia                       | 374           | 404           | 158           | -60.9       | 62                | 94           | 51.6         |
| Japan                           | 394           | 395           | 25            | -38.0       | 163               | 68           | -58.3        |
| Egypt                           | 103           | 39            | 12            | -69.2       | 3                 | -            | -100.0       |
| Italy                           | 133           | 111           | 92            | -17.1       | 34                | 29           | -14.7        |
| Taiwan                          | 118           | 64            | 59            | -7.8        | 14                | 17           | 21.4         |
| Pakistan                        | 394           | 86            | 65            | -24.4       | 21                | 6            | -71.4        |
| Korea South                     | 105           | 115           | 88            | -23.5       | 62                | 15           | -75.8        |
| Portugal                        | 32            | 16            | 1             | -93.8       | -                 | 1            | -            |
| Vietnam                         | 320           | 243           | 355           | 46.1        | 150               | 51           | -66.0        |
| Laos                            | 19            | 46            | 35            | -23.9       | 10                | 7            | -30.0        |
| United Kingdom                  | 16            | 8             | 5             | -37.5       | 2                 | 6            | 200.0        |
| Other                           | 275           | 176           | 183           | 4.0         | 42                | 49           | 16.7         |
| <b>World</b>                    | <b>28,990</b> | <b>27,087</b> | <b>25,928</b> | <b>-4.3</b> | <b>11,740</b>     | <b>8,743</b> | <b>-25.5</b> |

Source: Thai Customs Department

| Calendar Year            | 2017          | 2018          | 2019          | 2020          | 2021          | % Change     |
|--------------------------|---------------|---------------|---------------|---------------|---------------|--------------|
| <b>Unit: Metric Tons</b> |               |               |               |               |               |              |
| China                    | 17,711        | 16,693        | 17,032        | 14,907        | 14,305        | -4.0         |
| India                    | 4,469         | 10,049        | 11,283        | 9,160         | 7,548         | -17.6        |
| Indonesia                | 181           | 295           | 372           | 290           | 190           | -34.5        |
| Japan                    | 432           | 430           | 331           | 397           | 149           | -62.5        |
| Egypt                    | 9             | 74            | 73            | 19            | 10            | -47.4        |
| Italy                    | 105           | 95            | 132           | 99            | 87            | -12.1        |
| Taiwan                   | 179           | 190           | 81            | 62            | 61            | -1.6         |
| Pakistan                 | 320           | 390           | 286           | 49            | 50            | 2.0          |
| Korea South              | 65            | 97            | 87            | 137           | 42            | -69.3        |
| Portugal                 | 21            | 41            | 22            | 5             | 2             | -60.0        |
| Vietnam                  | 86            | 190           | 276           | 265           | 255           | -3.8         |
| Laos                     | 10            | 16            | 30            | 38            | 32            | -15.8        |
| United Kingdom           | 20            | 21            | 13            | 7             | 9             | 28.6         |
| Other                    | 460           | 361           | 208           | 109           | 190           | 74.3         |
| <b>World</b>             | <b>24,067</b> | <b>28,943</b> | <b>30,226</b> | <b>25,564</b> | <b>22,930</b> | <b>-10.3</b> |

Source: Thai Customs Department

**Table 6: Thailand's Exports of Cotton Fabric**

| Marketing Year<br>(August/July) | MY18/19       | MY19/20       | MY20/21       | %<br>Change | August- December |               |             |
|---------------------------------|---------------|---------------|---------------|-------------|------------------|---------------|-------------|
|                                 |               |               |               |             | MY20/20          | MY20/21       | %<br>Change |
| <b>Unit: Metric Tons</b>        |               |               |               |             |                  |               |             |
| Myanmar                         | 8,182         | 7,882         | 7,793         | -1          | 3,873            | 2,699         | -30.3       |
| Bangladesh                      | 4,280         | 5,165         | 5,086         | -2          | 1,740            | 3,788         | 117.7       |
| Japan                           | 2,027         | 1,801         | 2,231         | 24          | 880              | 1,319         | 49.9        |
| China                           | 2,340         | 1,979         | 1,031         | -48         | 500              | 1,310         | 162.0       |
| Indonesia                       | 1,671         | 884           | 681           | -23         | 440              | 196           | -55.5       |
| Korea South                     | 1,292         | 1,610         | 1,167         | -28         | 515              | 453           | -12.0       |
| India                           | 1,761         | 1,761         | 1,693         | -4          | 1,021            | 613           | -40.0       |
| Cambodia                        | 1,541         | 1,541         | 1,383         | -10         | 656              | 964           | 47.0        |
| Netherlands                     | 819           | 773           | 497           | -36         | 291              | 170           | -41.6       |
| Sri Lanka                       | 928           | 928           | 466           | -50         | 256              | 166           | -35.2       |
| Vietnam                         | 1,960         | 1,130         | 1,356         | 20          | 479              | 747           | 55.9        |
| Philippines                     | 1,019         | 1,437         | 680           | -53         | 456              | 24            | -94.7       |
| Pakistan                        | 556           | 279           | 168           | -40         | 78               | 64            | -17.9       |
| Other                           | 6,128         | 10,899        | 5,507         | -49         | 2,795            | 2,233         | -20.1       |
| <b>World</b>                    | <b>34,504</b> | <b>33,420</b> | <b>29,739</b> | <b>-11</b>  | <b>13,980</b>    | <b>14,746</b> | <b>5.5</b>  |

Source: Thai Customs Department

| Calendar Year            | 2017          | 2018          | 2019          | 2020          | 2021          | % Change     |
|--------------------------|---------------|---------------|---------------|---------------|---------------|--------------|
| <b>Unit: Metric Tons</b> |               |               |               |               |               |              |
| Myanmar                  | 7,232         | 7,813         | 8,418         | 8,067         | 6,618         | -17.96       |
| Bangladesh               | 5,615         | 6,843         | 4,912         | 4,197         | 7,134         | 69.98        |
| Japan                    | 2,931         | 2,041         | 2,273         | 1,734         | 2,670         | 53.98        |
| China                    | 673           | 1,065         | 2,965         | 1,241         | 1,841         | 48.35        |
| Indonesia                | 582           | 959           | 1,592         | 757           | 436           | -42.40       |
| Korea South              | 761           | 1,166         | 1,441         | 1,533         | 1,105         | -27.92       |
| India                    | 60            | 722           | 1,832         | 2,946         | 1,284         | -56.42       |
| Cambodia                 | 2,071         | 2,198         | 1,304         | 1,507         | 1,692         | 12.28        |
| Netherlands              | 848           | 815           | 763           | 756           | 376           | -50.26       |
| Sri Lanka                | 1,187         | 1,065         | 905           | 562           | 376           | -33.10       |
| Vietnam                  | 3,072         | 3,134         | 1,294         | 1,217         | 1,624         | 33.44        |
| Philippines              | 787           | 810           | 1,468         | 1,111         | 248           | -77.68       |
| Pakistan                 | 580           | 678           | 453           | 201           | 153           | -23.88       |
| Other                    | 7,670         | 5,832         | 6,034         | 6,103         | 4,948         | -18.93       |
| <b>World</b>             | <b>34,068</b> | <b>35,142</b> | <b>35,654</b> | <b>31,932</b> | <b>30,505</b> | <b>-4.47</b> |

Source: Thai Customs Department

**Table 7: Employment and Machinery for Thailand's Textile Industry**

|                                    | Calendar Year  |                |                |                |                |                |                |                |
|------------------------------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|----------------|
|                                    | 2014           | 2015           | 2016           | 2017           | 2018           | 2019           | 2019           | 2020           |
| <b>Number of Employees</b>         |                |                |                |                |                |                |                |                |
| Synthetic fiber                    | 7,200          | 7,193          | 7,198          | 7,211          | 7,215          | 7,200          | 7,200          | 7,150          |
| Spinning                           | 56,990         | 57,150         | 57,226         | 56,331         | 55,366         | 54,354         | 54,354         | 34,614         |
| Weaving                            | 52,590         | 51,070         | 51,859         | 51,515         | 51,544         | 50,952         | 50,952         | 47,166         |
| Knitting                           | 61,510         | 61,650         | 60,285         | 59,780         | 59,613         | 59,240         | 59,240         | 36,265         |
| Dyeing and Printing                | 41,434         | 41,110         | 41,117         | 41,922         | 41,458         | 41,489         | 41,489         | 27,295         |
| Clothing                           | 341,857        | 332,010        | 331,380        | 329,085        | 332,380        | 329,472        | 329,472        | 201,984        |
| <b>TOTAL</b>                       | <b>561,581</b> | <b>550,183</b> | <b>549,065</b> | <b>551,600</b> | <b>547,576</b> | <b>542,707</b> | <b>542,707</b> | <b>402,121</b> |
| <b>Number of Textile Machinery</b> |                |                |                |                |                |                |                |                |
| -Spinning (No. of spindles)        | 3,750,000      | 3,930,000      | 3,921,000      | 3,940,820      | 3,992,050      | 3,989,000      | 3,894,440      | 3,890,000      |
| -Weaving (No. of looms)            | 134,600        | 135,273        | 132,600        | 133,330        | 133,730        | 133,690        | 133,460        | 115,770        |
| -Knitting (No. of machines)        | 119,160        | 118,803        | 113,730        | 122,200        | 111,980        | 112,370        | 112,210        | 78,550         |
| -Clothing (No. of machines)        | 623,280        | 622,033        | 619,103        | 610,750        | 616,250        | 624,300        | 621,180        | 183,805        |

Source: Thailand Textile Institute

**Table 8: Yarn Production in Thailand**

| Unit: Thousand Metric Tons | Calendar Year |              |              |              |              |              |              |              |              |
|----------------------------|---------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|
|                            | 2012          | 2013         | 2014         | 2015         | 2016         | 2017         | 2018         | 2019         | 2020         |
| <b>Production</b>          |               |              |              |              |              |              |              |              |              |
| Cotton yarn                | 303.8         | 293.5        | 292.6        | 333.0        | 321.5        | 308.8        | 305.7        | 301.9        | 185.9        |
| Synthetic yarn             | 502.3         | 541.0        | 582.3        | 521.6        | 521.7        | 547.8        | 493.0        | 410.0        | 380.4        |
| <b>Total production</b>    | <b>806.1</b>  | <b>834.5</b> | <b>874.9</b> | <b>854.6</b> | <b>843.2</b> | <b>856.6</b> | <b>798.7</b> | <b>711.9</b> | <b>566.2</b> |

Source: Thailand Textile Institute

**Table 9: Woven Fabric Production in Thailand**

| Unit: Thousand Metric Tons | Calendar Year |       |       |       |       |       |       |       |
|----------------------------|---------------|-------|-------|-------|-------|-------|-------|-------|
|                            | 2013          | 2014  | 2015  | 2016  | 2017  | 2018  | 2019  | 2020  |
| <b>Production</b>          |               |       |       |       |       |       |       |       |
| Cotton fabric              | 148.8         | 154.8 | 154.8 | 199.1 | 196.6 | 196.2 | 192.3 | 165.4 |
| Synthetic fabric           | 281.9         | 317.0 | 317.0 | 271.1 | 290.0 | 281.3 | 295.1 | 218.6 |
| Total production           | 430.7         | 471.8 | 471.8 | 470.2 | 486.6 | 477.5 | 487.7 | 384.0 |

Source: Thailand Textile Institute

End of report.

**Attachments:**

No Attachments