Monthly Economic Letter

Cotton Market Fundamentals & Price Outlook



RECENT PRICE MOVEMENT

Movement in cotton benchmarks was mixed over the past month.

- The March NY/ICE contract tested the upper limit of the range between 79 and 89 cents/lb that has held values since early November. After failing to break higher, prices retreated to levels near 85 cents/lb.
- Prices for the December NY/ICE contract, reflecting market expectations for the 2023/24 crop year, continued to follow a gentle upward trend in the first half of January. In the second half of January and into early February, values flattened out at levels near 85 cents/lb.
- The A Index was relatively stable over the past month, trading on both sides of 100 cents/lb.
- Chinese prices represented by the China Cotton Index (CC 3128B) increased from early January to early February (from 101 to 107 cents/lb). In terms of RMB/ton, values rose from 15,200 to 15,900. The RMB was steady against the USD over the past month, near 6.78 RMB/USD.
- Indian spot prices (Shankar-6 quality) decreased slightly over the past month, from 97 to 94 cents/lb. In terms of INR/candy, values eased from 62,500 to 61,500. The INR was traded close to 82 INR/USD over the past month.
- Pakistani prices decreased from 106 to 97 cents/lb. In domestic terms, prices rose from 20,000 to 22,000 PKR/maund. The difference in price direction across currencies resulted from a significant weakening of the PKR against the dollar. The exchange rate swung from 228 to 275 PKR/USD between early January and early February.

SUPPLY, DEMAND, & TRADE

The latest USDA report featured decreases to forecasts for global production (-332,000 bales to 115.4 million) and mill-use (-846,000 bales to 110.9 million) in the 2022/23 crop year. Revisions to historical figures lowered beginning stocks (-148,000 bales to 85.3 million). The net result for the forecast to world ending stocks was a +372,000 bale addition (to 89.9 million).

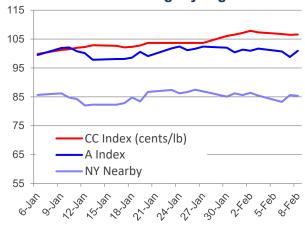
If realized, this would be the highest volume of global stocks outside of the crop year most affected by the onset of COVID (2019/20) and the period of high Chinese reserves (2012/13-2015/16). The current projection for the world stocks-to-use ratio is 80.5%, about eight percentage points higher than last crop year and about ten points higher than in 2020/21.

At the country-level, the largest revisions to production figures were for India (-1.0 million bales to 26.5 million), Brazil (+300,000 bales to 13.3 million), and the U.S. (+438,0000 bales to 14.7 million).

For mill-use, the largest changes were for India (-500,000 bales to 22.5 million), Indonesia (-250,000 bales to 2.2 million), and Vietnam (-100,000 bales to 6.4 million),

The global trade forecast was lowered -645,000 bales to 41.6 million. For imports, the largest changes were for China (-250,000 to 7.8 million), Indonesia (-250,000 bales to 2.2 million), and Vietnam (-200,000 bales

NY Nearby and A Index Steady, CC Index Slightly Higher



Recent Price Data

| | Latest | Latest | Last |
|----------------|---------|--------|---------------|
| | Value | Month | 12 Months |
| cents/lb | (Feb 8) | (Jan) | (Feb22-Jan23) |
| NY Nearby | 85.4 | 85.3 | 106.3 |
| A Index | 101.0 | 100.7 | 124.2 |
| CC Index | 106.6 | 107.0 | 119.4 |
| Indian Spot | 95.1 | 95.7 | 128.5 |
| Pakistani Spot | 98.1 | 98.1 | 110.0 |

Additional price data available here.
Price definitions available here.

World Balance Sheet

| million 480 lb. bales | _ | 2022/23 | | | |
|-----------------------|---------|---------|-------|--|--|
| | 2021/22 | Jan | Feb | | |
| Beg. Stocks | 86.7 | 85.3 | 85.2 | | |
| Production | 115.7 | 115.4 | 114.4 | | |
| Mill-Use | 117.3 | 110.9 | 110.7 | | |
| Ending Stocks | 85.2 | 89.9 | 89.1 | | |
| Stocks/Use | 72.6% | 81.1% | 80.5% | | |

China Balance Sheet

| million 480 lb. bales | 2022/23 | | | |
|-----------------------|---------|--------|--------|--|
| | 2021/22 | Jan | Feb | |
| Beg. Stocks | 37.8 | 37.3 | 37.3 | |
| Production | 26.8 | 28.0 | 28.5 | |
| Imports | 7.8 | 7.8 | 7.8 | |
| Mill-Use | 35.0 | 35.5 | 36.0 | |
| Exports | 0.1 | 0.1 | 0.1 | |
| Ending Stocks | 37.3 | 37.4 | 37.4 | |
| Stocks/Use | 106.2% | 105.1% | 103.6% | |

World-Less-China Balance Sheet

| TTOTIC ECCO | Toria 2000 Orinia Balarioo Orioot | | | | | |
|-----------------------|-----------------------------------|---------|-------|--|--|--|
| million 480 lb. bales | | 2022/23 | | | | |
| | 2021/22 | Jan | Feb | | | |
| Beg. Stocks | 48.9 | 48.0 | 47.9 | | | |
| Production | 88.9 | 87.4 | 85.9 | | | |
| Imports from China | 0.1 | 0.1 | 0.1 | | | |
| Mill-Use | 82.3 | 75.4 | 74.7 | | | |
| Exports to China | 7.8 | 7.8 | 7.8 | | | |
| Ending Stocks | 47.9 | 52.5 | 51.6 | | | |
| Stocks/Use | 53.1% | 63.2% | 62.7% | | | |
| | | | | | | |

Additional balance sheet data available here.



to 6.4 million). For exports, the largest changes were for India (-250,000 bales to 3.1 million) and the U.S. (-250,000 bales to 12.0 million),

PRICE OUTLOOK

A range of sources can be used to describe the difficult business conditions facing the global textile industry. One is the International Textile Manufacturers Federation (ITMF) survey of companies. The latest results (survey distributed mid-January) describe the widest separation between respondents indicating business conditions were poor relative to those saying conditions were good.

Another indicator has been the sharp decline in U.S. apparel imports. Apart from the months most severely affected by COVID shutdowns (April-June 2020), the latest seasonally-adjusted import volumes of cotton-dominant garments (November and December) were the lowest since at least 2005. Beyond the size of the contraction in shipments, the speed of the drop has been a shock. In April, U.S. apparel imports set a record high. Relative to that peak, volumes in November and December were down by more than 40% (all import figures in terms of square meter equivalence).

Lead times for apparel orders are long, and the recent pullback may prove to be another example of overreaction to changing economic conditions (other recent examples include the retreat in orders after the onset of COVID that led to the scramble to secure supplies and the record volume of shipments in the first half of 2022).

There are several potential signals that a turnaround in business conditions could be emerging. In its latest round of updates, the International Monetary Fund (IMF) lifted projections for global economic growth in 2023 and 2024. While growth is still expected to be sluggish, the reversal in the direction of the updates may be notable. In addition, the IMF report suggested inflation is fading. The effects of rising interest rates are lagged, but if slower inflation allows central banks to continue to taper increases, it could lower another hurdle for growth. Further sources of optimism could come from the resilience of labor markets and consumer spending in western economies.

For the cotton market, a potential signal of a turnaround could be surfacing from the East. Chinese cotton prices have been edging higher since early January. This has created some separation between prices in what traditionally is the world's largest import market and average export prices (the A Index). The current gap is about eight cents/lb. That separation will need to widen to make imports more attractive (CC Index is commonly 15-20 cents/lb higher than the A Index), but it has marked progress that may eventually lead to more international trade.

If the demand side of the fiber market strengthens in coming months, supply-related issues could become more important for price direction. Current prices remain high by historical standards (A Index is trading near 100 cents/lb), but input costs are also high. Improved weather in West Texas and Pakistan could be mitigating factors for production, but in the U.S., Brazil, and other locations sensitive to relative crop prices, input costs and competitive prices for corn and soybeans can be expected to cause lower planted acreage for 2023/24.

World Cotton Production

| million 480 lb. bales | 2022/23 | | | |
|-----------------------|---------|-------|-------|--|
| | 2021/22 | Jan | Feb | |
| China | 26.8 | 28.0 | 28.5 | |
| India | 24.4 | 26.5 | 25.5 | |
| United States | 17.5 | 14.7 | 14.7 | |
| Brazil | 11.7 | 13.3 | 13.3 | |
| Australia | 5.8 | 5.0 | 5.0 | |
| Rest of World | 29.5 | 27.9 | 27.4 | |
| World | 115.7 | 115.4 | 114.4 | |

World Cotton Mill-Use

| million 480 lb. bales | | 2022/23 | | |
|-----------------------|---------|---------|-------|--|
| | 2021/22 | Jan | Feb | |
| China | 35.0 | 35.5 | 36.0 | |
| India | 25.0 | 22.5 | 22.5 | |
| Pakistan | 10.7 | 9.0 | 8.8 | |
| Bangladesh | 8.5 | 8.2 | 8.2 | |
| Turkey | 8.7 | 8.0 | 8.0 | |
| Rest of World | 29.4 | 27.7 | 27.2 | |
| World | 117.3 | 110.9 | 110.7 | |

World Cotton Exports

| million 480 lb. bales | | 2022 | 2/23 |
|-----------------------|---------|------|------|
| | 2021/22 | Jan | Feb |
| United States | 14.6 | 12.0 | 12.0 |
| Brazil | 7.7 | 8.3 | 8.0 |
| Australia | 3.6 | 5.9 | 6.1 |
| India | 3.7 | 3.1 | 2.5 |
| Benin | 1.4 | 1.4 | 1.3 |
| Rest of World | 11.8 | 11.0 | 10.5 |
| World | 42.9 | 41.7 | 40.4 |
| | | | |

World Cotton Imports

| million 480 lb. bales | | 202 | 2/23 |
|-----------------------|---------|------|------|
| | 2021/22 | Jan | Feb |
| Bangladesh | 8.2 | 8.0 | 7.9 |
| China | 7.8 | 7.8 | 7.8 |
| Vietnam | 6.6 | 6.4 | 6.3 |
| Pakistan | 4.5 | 5.0 | 4.5 |
| Turkey | 5.5 | 4.3 | 4.3 |
| Rest of World | 10.0 | 10.2 | 9.7 |
| World | 42.7 | 41.6 | 40.4 |

World Cotton Ending Stocks

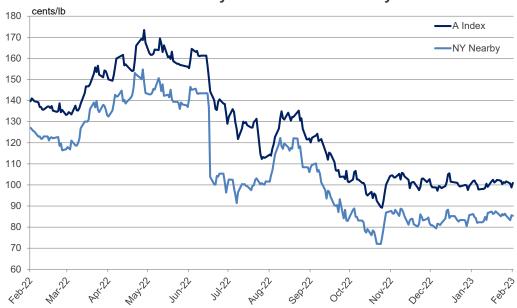
| | 202 | 2/23 |
|---------|---|---|
| 2021/22 | Jan | Feb |
| 37.3 | 37.4 | 37.4 |
| 11.8 | 13.7 | 14.0 |
| 8.6 | 11.2 | 10.8 |
| 3.8 | 4.2 | 4.3 |
| 2.8 | 3.3 | 3.3 |
| 21.0 | 20.2 | 19.3 |
| 85.2 | 89.9 | 89.1 |
| | 37.3 11.8 8.6 3.8 2.8 21.0 | 37.3 37.4 11.8 13.7 8.6 11.2 3.8 4.2 2.8 3.3 21.0 20.2 |

Additional supply and demand data available here.

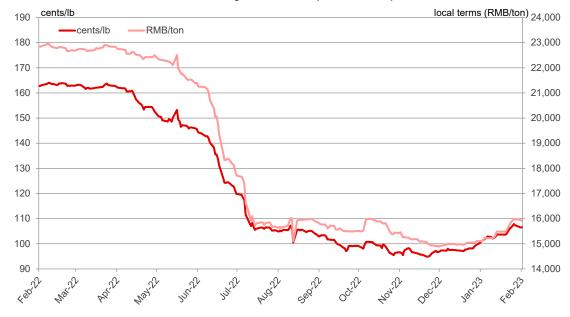
List of Charts and Tables

| Daily | A Index & NY Nearby | Chinese Prices | Indian Prices | Pakistani Prices |
|---------|------------------------|-----------------------|-------------------------|------------------------|
| Monthly | A Index & NY Nearby | Chinese Prices | Indian Prices | Pakistani Prices |
| Tables | Balance Sheets (bales) | Balance Sheets (tons) | Supply & Demand (bales) | Supply & Demand (tons) |

One Year of Daily A Index and NY Nearby Prices



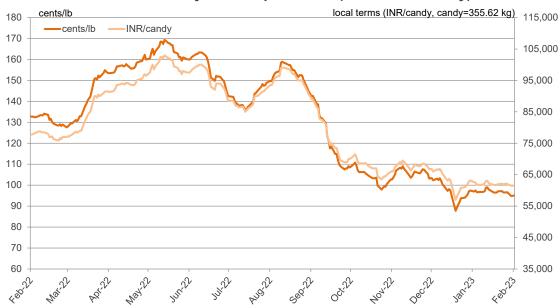
One Year of Daily CC Index (Grade 328) Prices



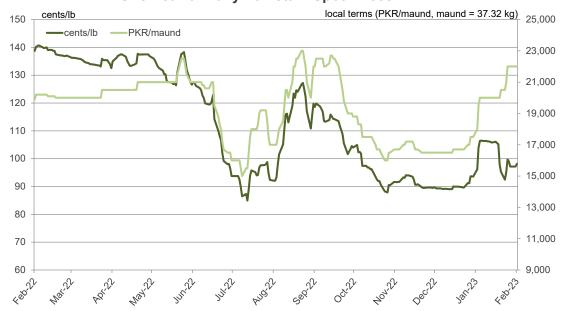
Note: Differences in price movement in local and international terms (cents/lb) due to changes in exchange rates.



One Year of Daily Indian Spot Prices (Shankar-6 Variety)



One Year of Daily Pakistani Spot Prices



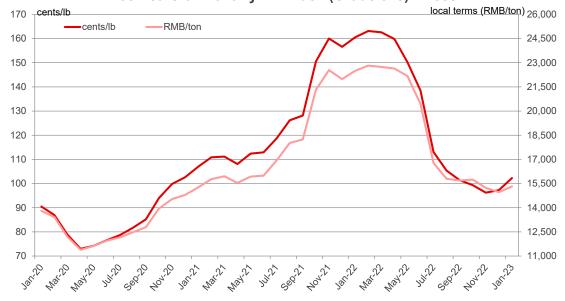
Note: Differences in price movement in local and international terms (cents/lb) due to changes in exchange rates.







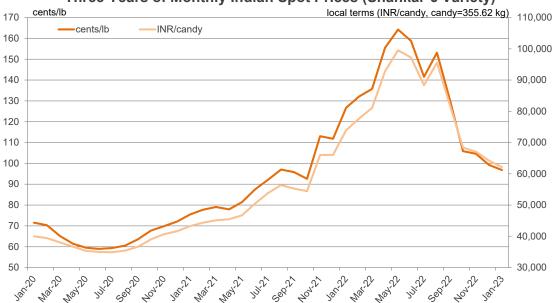
Three Years of Monthly CC Index (Grade 328) Prices



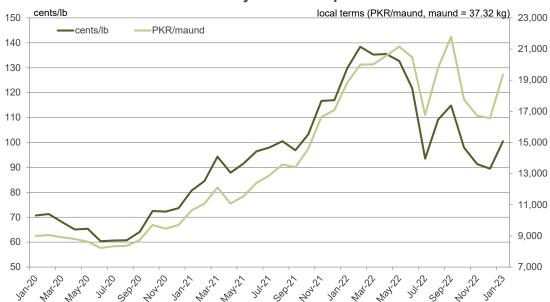
Note: Differences in price movement in local and international terms (cents/lb) due to changes in exchange rates.







Three Years of Monthly Pakistani Spot Prices



Note: Differences in price movement in local and international terms (cents/lb) due to changes in exchange rates.

return to list of charts and tables



| World Balance Shee | et | | | | | |
|--|------------------------|------------------------|------------------------|------------------------|------------------------|------------------------|
| million 480 lb. bales | 2018/19 | 2019/20 | 2020/21 | 2021/22 | 2022/23 January | 2022/23 February |
| Beginning Stocks Production Supply | 82.8 118.5 201.3 | 82.6 120.2 202.8 | 98.4 111.5 209.9 | 86.7 115.7 202.4 | 85.3 115.4 200.7 | 85.2 114.4 199.6 |
| Mill-Use | 119.8 | 104.1 | 123.2 | 117.3 | 110.9 | 110.7 |
| Ending Stocks | 82.6 | 98.4 | 86.7 | 85.2 | 89.9 | 89.1 |
| Stocks/Use Ratio | 69.0% | 94.5% | 70.4% | 72.6% | 81.1% | 80.5% |

| China Balance Sheet | | | | | | |
|-----------------------|---------|---------|---------|---------|--------------------|---------------------|
| million 480 lb. bales | 2018/19 | 2019/20 | 2020/21 | 2021/22 | 2022/23 January | 2022/23 February |
| | | | | | January | rebluary |
| Beginning Stocks | 38.0 | 35.9 | 36.3 | 37.8 | 37.3 | 37.3 |
| Production | 28.0 | 27.5 | 29.6 | 26.8 | 28.0 | 28.5 |
| Imports | 9.6 | 7.1 | 12.9 | 7.8 | 7.8 | 7.8 |
| Supply | 75.6 | 70.5 | 78.8 | 72.4 | 73.1 | 73.6 |
| Mill-Use | 39.5 | 34.0 | 41.0 | 35.0 | 35.5 | 36.0 |
| Exports | 0.2 | 0.2 | 0.0 | 0.1 | 0.1 | 0.1 |
| Demand | 39.7 | 34.2 | 41.0 | 35.1 | 35.6 | 36.1 |
| Ending Stocks | 35.9 | 36.3 | 37.8 | 37.3 | 37.4 | 37.4 |
| Stocks/Use Ratio | 90.4% | 106.4% | 92.2% | 106.2% | 105.1% | 103.6% |

| World-Less-China Balance Sheet | | | | | | | | |
|--------------------------------|---------|---------|---------|---------|--------------------|---------------------|--|--|
| million 480 lb. bales | 2018/19 | 2019/20 | 2020/21 | 2021/22 | 2022/23 January | 2022/23 February | | |
| Beginning Stocks | 44.8 | 46.7 | 62.1 | 48.9 | 48.0 | 47.9 | | |
| Production | 90.5 | 92.7 | 81.9 | 88.9 | 87.4 | 85.9 | | |
| Imports from China | 0.2 | 0.2 | 0.0 | 0.1 | 0.1 | 0.1 | | |
| Supply | 135.5 | 139.6 | 144.0 | 137.9 | 135.5 | 133.9 | | |
| Mill-Use | 80.3 | 70.1 | 82.2 | 82.3 | 75.4 | 74.7 | | |
| Exports to China | 9.6 | 7.1 | 12.9 | 7.8 | 7.8 | 7.8 | | |
| Demand | 89.9 | 77.2 | 95.0 | 90.2 | 83.1 | 82.4 | | |
| Ending Stocks | 46.7 | 62.1 | 48.9 | 47.9 | 52.5 | 51.6 | | |
| Stocks/Use Ratio | 51.9% | 80.4% | 51.5% | 53.1% | 63.2% | 62.7% | | |



| India Balance Shee | et | | | | | |
|-----------------------|---------|---------|---------|---------|--------------------|---------------------|
| million 480 lb. bales | 2018/19 | 2019/20 | 2020/21 | 2021/22 | 2022/23 January | 2022/23 February |
| Beginning Stocks | 8.6 | 8.6 | 15.7 | 11.9 | 8.6 | 8.6 |
| Production | 26.0 | 28.5 | 27.6 | 24.4 | 26.5 | 25.5 |
| Imports | 1.8 | 2.3 | 8.0 | 1.0 | 1.7 | 1.7 |
| Supply | 36.4 | 39.4 | 44.1 | 37.3 | 36.8 | 35.8 |
| Mill-Use | 24.3 | 20.5 | 26.0 | 25.0 | 22.5 | 22.5 |
| Exports | 3.5 | 3.2 | 6.2 | 3.7 | 3.1 | 2.5 |
| Demand | 27.8 | 23.7 | 32.2 | 28.7 | 25.6 | 25.0 |
| Ending Stocks | 8.6 | 15.7 | 11.9 | 8.6 | 11.2 | 10.8 |
| Stocks/Use Ratio | 30.9% | 66.2% | 37.1% | 29.9% | 43.7% | 43.2% |

| U.S. Balance Sheet | | | | | | |
|-----------------------|---------|---------|---------|---------|--------------------|---------------------|
| million 480 lb. bales | 2018/19 | 2019/20 | 2020/21 | 2021/22 | 2022/23 January | 2022/23 February |
| Beginning Stocks | 4.2 | 4.9 | 7.3 | 3.2 | 3.8 | 3.8 |
| Production | 18.4 | 19.9 | 14.6 | 17.5 | 14.7 | 14.7 |
| Imports | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Supply | 22.6 | 24.8 | 21.9 | 20.7 | 18.4 | 18.4 |
| Mill-Use | 3.0 | 2.2 | 2.4 | 2.6 | 2.2 | 2.1 |
| Exports | 14.8 | 15.5 | 16.4 | 14.6 | 12.0 | 12.0 |
| Demand | 17.8 | 17.7 | 18.8 | 17.2 | 14.2 | 14.1 |
| Ending Stocks | 4.9 | 7.3 | 3.2 | 3.8 | 4.2 | 4.3 |
| Stocks/Use Ratio | 27.2% | 41.0% | 16.8% | 21.8% | 29.6% | 30.5% |

| Pakistan Balance Sheet | | | | | | | | |
|------------------------|---------|---------|---------|---------|--------------------|---------------------|--|--|
| million 480 lb. bales | 2018/19 | 2019/20 | 2020/21 | 2021/22 | 2022/23 January | 2022/23 February | | |
| Beginning Stocks | 2.8 | 2.5 | 3.1 | 2.2 | 1.9 | 1.9 | | |
| Production | 7.6 | 6.2 | 4.5 | 6.0 | 3.7 | 3.9 | | |
| Imports | 2.9 | 4.0 | 5.4 | 4.5 | 5.0 | 4.5 | | |
| Supply | 13.3 | 12.7 | 13.0 | 12.7 | 10.6 | 10.3 | | |
| Mill-Use | 10.7 | 9.5 | 10.8 | 10.7 | 9.0 | 8.8 | | |
| Exports | 0.1 | 0.1 | 0.0 | 0.1 | 0.0 | 0.0 | | |
| Demand | 10.8 | 9.6 | 10.8 | 10.8 | 9.0 | 8.8 | | |
| Ending Stocks | 2.5 | 3.1 | 2.2 | 1.9 | 1.5 | 1.4 | | |
| Stocks/Use Ratio | 23.2% | 32.6% | 20.0% | 17.6% | 17.1% | 16.3% | | |



| World Cotton Produ | ction | | | | | |
|---------------------------|---------|---------|---------|---------|--------------------|---------------------|
| million 480 lb. bales | 2018/19 | 2019/20 | 2020/21 | 2021/22 | 2022/23 January | 2022/23 February |
| China | 28.0 | 27.5 | 29.6 | 26.8 | 28.0 | 28.5 |
| India | 26.0 | 28.5 | 27.6 | 24.4 | 26.5 | 25.5 |
| United States | 18.4 | 19.9 | 14.6 | 17.5 | 14.7 | 14.7 |
| Brazil | 13.0 | 13.8 | 10.8 | 11.7 | 13.3 | 13.3 |
| Australia | 2.2 | 0.6 | 2.8 | 5.8 | 5.0 | 5.0 |
| Turkey | 3.8 | 3.5 | 2.9 | 3.8 | 4.9 | 4.9 |
| Pakistan | 7.6 | 6.2 | 4.5 | 6.0 | 3.7 | 3.9 |
| Uzbekistan | 2.8 | 2.4 | 3.2 | 2.7 | 2.7 | 2.7 |
| Greece | 1.4 | 1.7 | 1.4 | 1.4 | 1.4 | 1.4 |
| Mexico | 1.7 | 1.6 | 1.0 | 1.2 | 1.4 | 1.4 |
| Benin | 1.4 | 1.4 | 1.5 | 1.4 | 1.4 | 1.3 |
| Mali | 1.3 | 1.4 | 0.3 | 1.4 | 1.1 | 1.0 |
| Burkina Faso | 0.9 | 0.9 | 1.0 | 1.0 | 1.0 | 0.9 |
| Rest of World | 10.1 | 10.9 | 10.4 | 10.6 | 10.4 | 10.0 |
| African Franc Zone | 4.2 | 4.6 | 3.7 | 4.8 | 3.7 | 3.7 |
| EU-27 | 1.7 | 2.0 | 1.7 | 1.7 | 1.6 | 1.6 |
| World | 118.5 | 120.2 | 111.5 | 115.7 | 115.4 | 114.4 |

| World Cotton Exports | | | | | | |
|-----------------------------|---------|---------|---------|---------|--------------------|---------------------|
| million 480 lb. bales | 2018/19 | 2019/20 | 2020/21 | 2021/22 | 2022/23 January | 2022/23 February |
| United States | 14.8 | 15.5 | 16.4 | 14.6 | 12.0 | 12.0 |
| Brazil | 6.0 | 8.9 | 11.0 | 7.7 | 8.3 | 8.0 |
| Australia | 3.6 | 1.4 | 1.6 | 3.6 | 5.9 | 6.1 |
| India | 3.5 | 3.2 | 6.2 | 3.7 | 3.1 | 2.5 |
| Benin | 1.4 | 1.0 | 1.6 | 1.4 | 1.4 | 1.3 |
| Greece | 1.4 | 1.5 | 1.6 | 1.4 | 1.3 | 1.3 |
| Mali | 1.4 | 1.2 | 0.6 | 1.3 | 1.0 | 1.0 |
| Burkina Faso | 0.8 | 1.0 | 1.1 | 0.9 | 0.9 | 0.9 |
| Turkey | 0.7 | 0.5 | 0.6 | 0.6 | 0.7 | 0.7 |
| Cameroon | 0.6 | 0.5 | 0.7 | 0.6 | 0.6 | 0.6 |
| Argentina | 0.5 | 0.4 | 0.6 | 0.7 | 0.6 | 0.6 |
| Cote d'Ivoire | 0.9 | 0.6 | 1.2 | 1.4 | 0.8 | 0.6 |
| Sudan | 0.4 | 0.4 | 0.5 | 0.6 | 0.5 | 0.5 |
| Rest of World | 5.4 | 5.1 | 5.3 | 4.4 | 4.5 | 4.4 |
| African Franc Zone | 4.3 | 3.4 | 4.2 | 4.9 | 3.7 | 3.7 |
| EU-27 | 1.7 | 1.8 | 2.0 | 1.8 | 1.5 | 1.5 |
| World | 41.5 | 41.1 | 48.8 | 42.9 | 41.7 | 40.4 |



| World Cotton Mill-U | Jse | | | | | |
|-----------------------|---------|---------|---------|---------|---------|----------|
| million 480 lb. bales | 2018/19 | 2019/20 | 2020/21 | 2021/22 | 2022/23 | 2022/23 |
| | | | | | January | February |
| China | 39.5 | 34.0 | 41.0 | 35.0 | 35.5 | 36.0 |
| India | 24.3 | 20.5 | 26.0 | 25.0 | 22.5 | 22.5 |
| Pakistan | 10.7 | 9.5 | 10.8 | 10.7 | 9.0 | 8.8 |
| Bangladesh | 7.2 | 6.9 | 8.5 | 8.5 | 8.2 | 8.2 |
| Turkey | 6.9 | 6.6 | 7.7 | 8.7 | 8.0 | 8.0 |
| Vietnam | 7.0 | 6.6 | 7.3 | 6.7 | 6.4 | 6.3 |
| Brazil | 3.4 | 2.7 | 3.1 | 3.3 | 3.2 | 3.2 |
| Uzbekistan | 2.0 | 2.3 | 3.1 | 3.1 | 2.8 | 2.8 |
| United States | 3.0 | 2.2 | 2.4 | 2.6 | 2.2 | 2.1 |
| Indonesia | 3.2 | 2.4 | 2.5 | 2.6 | 2.2 | 2.0 |
| Mexico | 2.0 | 1.5 | 1.7 | 1.9 | 1.8 | 1.8 |
| Turkmenistan | 0.8 | 0.7 | 0.8 | 0.8 | 0.8 | 0.8 |
| Iran | 0.6 | 0.6 | 0.8 | 0.8 | 0.8 | 0.8 |
| Rest of World | 9.3 | 7.7 | 7.5 | 7.7 | 7.6 | 7.5 |
| African Franc Zone | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| EU-27 | 0.7 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| World | 119.8 | 104.1 | 123.2 | 117.3 | 110.9 | 110.7 |

| World Cotton Imports | | | | | | |
|-----------------------------|---------|---------|---------|---------|--------------------|---------------------|
| million 480 lb. bales | 2018/19 | 2019/20 | 2020/21 | 2021/22 | 2022/23 January | 2022/23 February |
| Bangladesh | 7.0 | 7.5 | 8.3 | 8.2 | 8.0 | 7.9 |
| China | 9.6 | 7.1 | 12.9 | 7.8 | 7.8 | 7.8 |
| Vietnam | 6.9 | 6.5 | 7.3 | 6.6 | 6.4 | 6.3 |
| Pakistan | 2.9 | 4.0 | 5.4 | 4.5 | 5.0 | 4.5 |
| Turkey | 3.6 | 4.7 | 5.3 | 5.5 | 4.3 | 4.3 |
| Indonesia | 3.1 | 2.5 | 2.3 | 2.6 | 2.2 | 1.9 |
| India | 1.8 | 2.3 | 8.0 | 1.0 | 1.7 | 1.7 |
| Mexico | 0.9 | 0.6 | 0.9 | 1.0 | 1.0 | 1.0 |
| Thailand | 1.1 | 0.7 | 0.6 | 0.8 | 0.7 | 0.7 |
| South Korea | 0.8 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| Malaysia | 0.7 | 0.7 | 0.6 | 0.4 | 0.5 | 0.5 |
| Egypt | 0.5 | 0.5 | 0.6 | 0.4 | 0.5 | 0.4 |
| Iran | 0.3 | 0.3 | 0.4 | 0.4 | 0.4 | 0.4 |
| Rest of World | 3.3 | 2.7 | 2.7 | 3.0 | 2.6 | 2.6 |
| African Franc Zone | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| EU-27 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| World Total | 42.5 | 40.7 | 48.7 | 42.7 | 41.6 | 40.4 |



| World Balance Sh | eet | | | | | |
|--|----------------------|----------------------|----------------------|----------------------|----------------------|----------------------|
| million metric tons | 2018/19 | 2019/20 | 2020/21 | 2021/22 | 2022/23 January | 2022/23 February |
| Beginning Stocks Production Supply | 18.0 25.8 43.8 | 18.0 26.2 44.1 | 21.4 24.3 45.7 | 18.9 25.2 44.1 | 18.6 25.1 43.7 | 18.6 24.9 43.5 |
| Mill-Use | 26.1 | 22.7 | 26.8 | 25.5 | 24.1 | 24.1 |
| Ending Stocks | 18.0 | 21.4 | 18.9 | 18.6 | 19.6 | 19.4 |
| Stocks/Use Ratio | 69.0% | 94.5% | 70.4% | 72.6% | 81.1% | 80.5% |

| China Balance Sheet | | | | | | | | |
|---------------------|---------|---------|---------|---------|--------------------|---------------------|--|--|
| million metric tons | 2018/19 | 2019/20 | 2020/21 | 2021/22 | 2022/23 January | 2022/23 February | | |
| Beginning Stocks | 8.3 | 7.8 | 7.9 | 8.2 | 8.1 | 8.1 | | |
| Production | 6.1 | 6.0 | 6.4 | 5.8 | 6.1 | 6.2 | | |
| Imports | 2.1 | 1.6 | 2.8 | 1.7 | 1.7 | 1.7 | | |
| Supply | 16.5 | 15.3 | 17.2 | 15.8 | 15.9 | 16.0 | | |
| Mill-Use | 8.6 | 7.4 | 8.9 | 7.6 | 7.7 | 7.8 | | |
| Exports | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | | |
| Demand | 8.6 | 7.4 | 8.9 | 7.6 | 7.8 | 7.9 | | |
| Ending Stocks | 7.8 | 7.9 | 8.2 | 8.1 | 8.2 | 8.2 | | |
| Stocks/Use Ratio | 90.4% | 106.4% | 92.2% | 106.2% | 105.1% | 103.6% | | |

| million metric tons | 2018/19 | 2019/20 | 2020/21 | 2021/22 | 2022/23 January | 2022/23 February |
|---------------------|---------|---------|---------|---------|--------------------|---------------------|
| | | | | | dandary | 1 Coluan |
| Beginning Stocks | 9.8 | 10.2 | 13.5 | 10.6 | 10.5 | 10.4 |
| Production | 19.7 | 20.2 | 17.8 | 19.4 | 19.0 | 18.7 |
| Imports from China | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Supply | 29.5 | 30.4 | 31.3 | 30.0 | 29.5 | 29.2 |
| Mill-Use | 17.5 | 15.3 | 17.9 | 17.9 | 16.4 | 16.3 |
| Exports to China | 2.1 | 1.6 | 2.8 | 1.7 | 1.7 | 1.7 |
| Demand | 19.6 | 16.8 | 20.7 | 19.6 | 18.1 | 17.9 |
| Ending Stocks | 10.2 | 13.5 | 10.6 | 10.4 | 11.4 | 11.2 |
| Stocks/Use Ratio | 51.9% | 80.4% | 51.5% | 53.1% | 63.2% | 62.7% |



| India Balance She | et | | | | | |
|--------------------------|---------|---------|---------|---------|---------|----------|
| million metric tons | 2018/19 | 2019/20 | 2020/21 | 2021/22 | 2022/23 | 2022/23 |
| | | | | | January | February |
| Beginning Stocks | 1.9 | 1.9 | 3.4 | 2.6 | 1.9 | 1.9 |
| Production | 5.7 | 6.2 | 6.0 | 5.3 | 5.8 | 5.6 |
| Imports | 0.4 | 0.5 | 0.2 | 0.2 | 0.4 | 0.4 |
| Supply | 7.9 | 8.6 | 9.6 | 8.1 | 8.0 | 7.8 |
| Mill-Use | 5.3 | 4.5 | 5.7 | 5.4 | 4.9 | 4.9 |
| Exports | 0.8 | 0.7 | 1.3 | 0.8 | 0.7 | 0.5 |
| Demand | 6.1 | 5.2 | 7.0 | 6.3 | 5.6 | 5.4 |
| Ending Stocks | 1.9 | 3.4 | 2.6 | 1.9 | 2.4 | 2.4 |
| Stocks/Use Ratio | 30.9% | 66.2% | 37.1% | 29.9% | 43.7% | 43.2% |

| U.S. Balance Sheet | | | | | | |
|---------------------|---------|---------|---------|---------|--------------------|---------------------|
| million metric tons | 2018/19 | 2019/20 | 2020/21 | 2021/22 | 2022/23 January | 2022/23 February |
| Beginning Stocks | 0.9 | 1.1 | 1.6 | 0.7 | 0.8 | 0.8 |
| Production | 4.0 | 4.3 | 3.2 | 3.8 | 3.2 | 3.2 |
| Imports | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Supply | 4.9 | 5.4 | 4.8 | 4.5 | 4.0 | 4.0 |
| Mill-Use | 0.6 | 0.5 | 0.5 | 0.6 | 0.5 | 0.5 |
| Exports | 3.2 | 3.4 | 3.6 | 3.2 | 2.6 | 2.6 |
| Demand | 3.9 | 3.8 | 4.1 | 3.7 | 3.1 | 3.1 |
| Ending Stocks | 1.1 | 1.6 | 0.7 | 0.8 | 0.9 | 0.9 |
| Stocks/Use Ratio | 27.2% | 41.0% | 16.8% | 21.8% | 29.6% | 30.5% |

| Pakistan Balance S | heet | | | | | |
|---------------------|---------|---------|---------|---------|--------------------|---------------------|
| million metric tons | 2018/19 | 2019/20 | 2020/21 | 2021/22 | 2022/23 January | 2022/23 February |
| Beginning Stocks | 0.6 | 0.5 | 0.7 | 0.5 | 0.4 | 0.4 |
| Production | 1.7 | 1.3 | 1.0 | 1.3 | 0.8 | 0.8 |
| Imports | 0.6 | 0.9 | 1.2 | 1.0 | 1.1 | 1.0 |
| Supply | 2.9 | 2.8 | 2.8 | 2.8 | 2.3 | 2.2 |
| Mill-Use | 2.3 | 2.1 | 2.4 | 2.3 | 2.0 | 1.9 |
| Exports | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Demand | 2.3 | 2.1 | 2.4 | 2.3 | 2.0 | 1.9 |
| Ending Stocks | 0.5 | 0.7 | 0.5 | 0.4 | 0.3 | 0.3 |
| Stocks/Use Ratio | 23.2% | 32.6% | 20.0% | 17.6% | 17.1% | 16.3% |



| World Cotton Produ | uction | | | | | |
|---------------------------|---------|---------|---------|---------|--------------------|---------------------|
| million metric tons | 2018/19 | 2019/20 | 2020/21 | 2021/22 | 2022/23 January | 2022/23 February |
| China | 6.1 | 6.0 | 6.4 | 5.8 | 6.1 | 6.2 |
| India | 5.7 | 6.2 | 6.0 | 5.3 | 5.8 | 5.6 |
| United States | 4.0 | 4.3 | 3.2 | 3.8 | 3.2 | 3.2 |
| Brazil | 2.8 | 3.0 | 2.4 | 2.6 | 2.9 | 2.9 |
| Australia | 0.5 | 0.1 | 0.6 | 1.3 | 1.1 | 1.1 |
| Turkey | 0.8 | 0.8 | 0.6 | 0.8 | 1.1 | 1.1 |
| Pakistan | 1.7 | 1.3 | 1.0 | 1.3 | 0.8 | 0.8 |
| Uzbekistan | 0.6 | 0.5 | 0.7 | 0.6 | 0.6 | 0.6 |
| Greece | 0.3 | 0.4 | 0.3 | 0.3 | 0.3 | 0.3 |
| Mexico | 0.4 | 0.3 | 0.2 | 0.3 | 0.3 | 0.3 |
| Benin | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 | 0.3 |
| Mali | 0.3 | 0.3 | 0.1 | 0.3 | 0.2 | 0.2 |
| Burkina Faso | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Rest of World | 2.2 | 2.4 | 2.3 | 2.3 | 2.3 | 2.2 |
| African Franc Zone | 0.9 | 1.0 | 0.8 | 1.1 | 0.8 | 0.8 |
| EU-27 | 0.4 | 0.4 | 0.4 | 0.4 | 0.3 | 0.3 |
| World | 25.8 | 26.2 | 24.3 | 25.2 | 25.1 | 24.9 |

| World Cotton Expor | 2018/19 | 2019/20 | 2020/21 | 2021/22 | 2022/23 | 2022/23 |
|--------------------|---------|---------|---------|---------|---------|----------|
| | | | | | January | February |
| United States | 3.2 | 3.4 | 3.6 | 3.2 | 2.6 | 2.6 |
| Brazil | 1.3 | 1.9 | 2.4 | 1.7 | 1.8 | 1.7 |
| Australia | 0.8 | 0.3 | 0.3 | 0.8 | 1.3 | 1.3 |
| India | 0.8 | 0.7 | 1.3 | 8.0 | 0.7 | 0.5 |
| Benin | 0.3 | 0.2 | 0.3 | 0.3 | 0.3 | 0.3 |
| Greece | 0.3 | 0.3 | 0.4 | 0.3 | 0.3 | 0.3 |
| Mali | 0.3 | 0.3 | 0.1 | 0.3 | 0.2 | 0.2 |
| Burkina Faso | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Turkey | 0.2 | 0.1 | 0.1 | 0.1 | 0.2 | 0.2 |
| Cameroon | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| Argentina | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| Cote d'Ivoire | 0.2 | 0.1 | 0.3 | 0.3 | 0.2 | 0.1 |
| Sudan | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| Rest of World | 1.2 | 1.1 | 1.1 | 1.0 | 1.0 | 1.0 |
| African Franc Zone | 0.9 | 0.7 | 0.9 | 1.1 | 0.8 | 0.8 |
| EU-27 | 0.4 | 0.4 | 0.4 | 0.4 | 0.3 | 0.3 |
| World | 9.0 | 8.9 | 10.6 | 9.3 | 9.1 | 8.8 |



| million metric tons | 2018/19 | 2019/20 | 2020/21 | 2021/22 | 2022/23 | 2022/23 |
|---------------------|---------|---------|---------|---------|---------|----------|
| | | | | | January | February |
| China | 8.6 | 7.4 | 8.9 | 7.6 | 7.7 | 7.8 |
| India | 5.3 | 4.5 | 5.7 | 5.4 | 4.9 | 4.9 |
| Pakistan | 2.3 | 2.1 | 2.4 | 2.3 | 2.0 | 1.9 |
| Bangladesh | 1.6 | 1.5 | 1.9 | 1.9 | 1.8 | 1.8 |
| Turkey | 1.5 | 1.4 | 1.7 | 1.9 | 1.7 | 1.7 |
| Vietnam | 1.5 | 1.4 | 1.6 | 1.5 | 1.4 | 1.4 |
| Brazil | 0.7 | 0.6 | 0.7 | 0.7 | 0.7 | 0.7 |
| Uzbekistan | 0.4 | 0.5 | 0.7 | 0.7 | 0.6 | 0.6 |
| United States | 0.6 | 0.5 | 0.5 | 0.6 | 0.5 | 0.5 |
| Indonesia | 0.7 | 0.5 | 0.5 | 0.6 | 0.5 | 0.4 |
| Mexico | 0.4 | 0.3 | 0.4 | 0.4 | 0.4 | 0.4 |
| Turkmenistan | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 | 0.2 |
| Iran | 0.1 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 |
| Rest of World | 2.0 | 1.7 | 1.6 | 1.7 | 1.6 | 1.6 |
| African Franc Zone | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| EU-27 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| World Total | 26.1 | 22.7 | 26.8 | 25.5 | 24.1 | 24.1 |

| World Cotton Impo | rts | | | | | |
|--------------------------|---------|---------|---------|---------|---------|----------|
| million metric tons | 2018/19 | 2019/20 | 2020/21 | 2021/22 | 2022/23 | 2022/23 |
| | | | | | January | February |
| Bangladesh | 1.5 | 1.6 | 1.8 | 1.8 | 1.7 | 1.7 |
| China | 2.1 | 1.6 | 2.8 | 1.7 | 1.7 | 1.7 |
| Vietnam | 1.5 | 1.4 | 1.6 | 1.4 | 1.4 | 1.4 |
| Pakistan | 0.6 | 0.9 | 1.2 | 1.0 | 1.1 | 1.0 |
| Turkey | 0.8 | 1.0 | 1.2 | 1.2 | 0.9 | 0.9 |
| Indonesia | 0.7 | 0.5 | 0.5 | 0.6 | 0.5 | 0.4 |
| India | 0.4 | 0.5 | 0.2 | 0.2 | 0.4 | 0.4 |
| Mexico | 0.2 | 0.1 | 0.2 | 0.2 | 0.2 | 0.2 |
| Thailand | 0.2 | 0.2 | 0.1 | 0.2 | 0.2 | 0.2 |
| South Korea | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| Malaysia | 0.2 | 0.2 | 0.1 | 0.1 | 0.1 | 0.1 |
| Egypt | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| Iran | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| Rest of World | 0.7 | 0.6 | 0.6 | 0.6 | 0.6 | 0.6 |
| African Franc Zone | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| EU-27 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| World Total | 9.2 | 8.9 | 10.6 | 9.3 | 9.1 | 8.8 |