

# Monthly Economic Letter

Cotton Market Fundamentals & Price Outlook



## RECENT PRICE MOVEMENT

All international benchmark prices increased over the past month.

- The NY December futures contract climbed from 64 to 67 cents/lb.
- Cotlook's A Index rose from 70 to 73 cents/lb.
- The China Cotton Index (CC Index 3128B) was comparatively stable in international terms, holding near 85 cents/lb. In domestic terms, values increased slightly, from 12,600 to 12,900 RMB/ton. The RMB strengthened against the dollar over the past month, from 6.84 to 6.81 RMB/USD.
- Indian cotton prices (Shankar-6 quality) rose from 63 to 66 cents/lb in international terms. In domestic terms, values increased from 36,300 to 37,900 INR/candy. The Indian rupee was steady against the USD near 73 INR/USD.
- In international terms, Pakistani prices increased from 63 to 69 cents/lb. In domestic terms, prices climbed from 8,700 to 9,300 PKR/maund. The Pakistani rupee strengthened slightly against the dollar, from 166 to 164 PKR/USD.

## SUPPLY, DEMAND, & TRADE

The latest USDA report featured a decrease in global cotton production (-934,000 bales to 116.3 million) and an increase in global mill-use (+1.5 million bales to 114.2 million). There was a slight decrease in 2020/21 beginning stocks due to a series of small historical revisions (-232,000 bales to 99.2 million).

That decrease in stocks, along with the combination of a smaller harvest and greater consumption, led to a 2.7 million bale reduction to the forecast for 2020/21 ending stocks (to 101.1 million bales). Even with the reduction, the figure for ending stocks predicts the second-highest level on record (only the 106.8 million bales from 2014/15 was higher).

At the country-level, the largest changes to production estimates included those for Mali (-500,000 bales to 450,000), Pakistan (-400,000 to 5.8 million), and Greece (-150,000 to 1.3 million). The current forecast for Pakistan calls for the smallest crop since 1985/86. Even with tropical storms over the past month, the U.S. production figure dropped only 19,000 bales, essentially holding steady at 17.0 million.

For mill-use, the largest country-level revisions were for China (+1.0 million bales to 37.5 million) and India (+500,000 to 23.0 million).

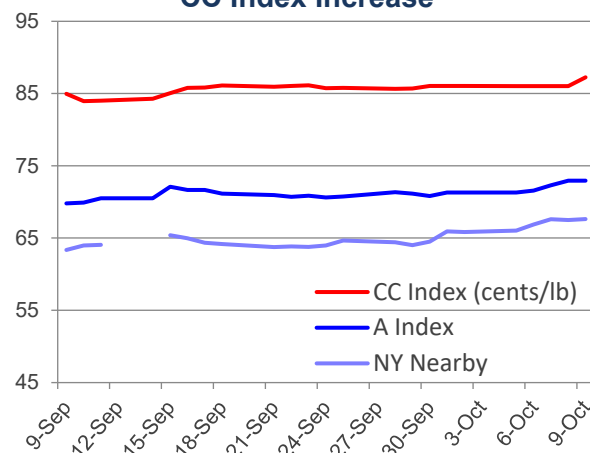
The global trade estimate increased 478,000 bales to 42.2 million. For imports, China had the only revision over 100,000 bales (+500,000 bales to 9.5 million). For exports, the largest changes included those for Brazil (+500,000 to 9.7 million), Uzbekistan (+100,000 to 200,000), and Mali (-200,000 to 800,000).

## PRICE OUTLOOK

NY futures have followed a relatively steady linear upward trend since posting COVID-driven lows in early April. Gains recently pulled values above levels from one year ago (were near 62 cents/lb in early October 2019).

A factor contributing to recent upward movement in prices has been the series of weather-related challenges in the U.S. this year. Hurricane

## NY Futures, A Index, and CC Index Increase



## Recent Price Data

cents/lb	Latest Value (Oct 9)	Latest Month (Sep)	Last 12 Months (Oct19-Sep20)
NY Nearby	67.6	64.2	62.6
A Index	73.0	70.8	71.2
CC Index	87.3	85.4	81.5
Indian Spot	66.2	63.7	65.8
Pakistani Spot	69.9	64.2	66.6

Additional price data available [here](#).

Price definitions available [here](#).

## World Balance Sheet

million 480 lb. bales	2020/21		
	2019/20	Sep	Oct
Beg. Stocks	80.2	99.4	99.2
Production	121.8	117.2	116.3
Mill-Use	102.0	112.7	114.2
Ending Stocks	99.2	103.8	101.1
Stocks/Use	97.2%	92.2%	88.6%

## China Balance Sheet

million 480 lb. bales	2020/21		
	2019/20	Sep	Oct
Beg. Stocks	35.7	36.9	36.9
Production	27.2	27.2	27.2
Imports	7.1	9.0	9.5
Mill-Use	33.0	36.5	37.5
Exports	0.2	0.1	0.1
Ending Stocks	36.9	36.5	36.0
Stocks/Use	111.3%	99.7%	95.7%

## World-Less-China Balance Sheet

million 480 lb. bales	2020/21		
	2019/20	Sep	Oct
Beg. Stocks	44.5	62.5	62.3
Production	94.6	90.0	89.0
Imports from China	0.2	0.1	0.1
Mill-Use	69.0	76.2	76.7
Exports to China	7.1	9.0	9.5
Ending Stocks	62.3	67.3	65.1
Stocks/Use	81.8%	79.0%	75.5%

Additional balance sheet data available [here](#).

Delta, which is currently making its way north through the Mid-South growing region, is the latest in a series of major tropical storms to hit the U.S. cotton belt. States in the projected path have a high proportion of bolls open and exposed to wind and rain. Beyond these storms, hot and dry conditions dominated West Texas this year. West Texas is the most concentrated region for U.S. cotton, and drought is expected to lead to both abandonment and yield loss.

A factor depressing prices one year ago was the escalation in trade tensions between the U.S. and China. Around that time (in September 2019), the U.S. implemented tariff increases on a wide range of Chinese-made consumer goods, including apparel and home textiles. Recent U.S. sanctions against certain companies in Xinjiang and the possibility of a ban on products containing cotton produced in Xinjiang are an indication that tensions have not eased.

However, between the last major round of tariff implementation and the present, the Phase One agreement was signed. Since the agreement went into effect on February 14, 2020, net new sales of U.S. cotton (for delivery in the current and upcoming crop years) were 3.6 480lb million bales. Over the same period in 2019, when trade tensions were rising and no agreement was in place, Chinese purchases were less than one million bales.

Cotton-specific details associated with the Phase One agreement have not been made public, but targets for agriculture across commodities were released. Those targets indicated that China would purchase \$12.5 billion more of U.S. agricultural production in 2020 than in 2017. In 2017, China purchased \$24.1 billion in agriculture from the U.S. This implied a target of \$36.6 billion. Through August, the value of Chinese imports of U.S. agricultural goods was less than half of the amount required to be on pace to meet that target. It is possible is that China may accelerate its purchases to meet the goal. With only a few months left in 2020, this appears unlikely. Another possibility is that China will not meet import targets. COVID-related concessions may be made, but the consequences of an unfulfilled agreement are not clear. This is especially true with the upcoming U.S. election.

The U.S. recently opened an investigation into Vietnamese trade practices. Cited motivations for the investigation are imports of illegal timber and currency manipulation. Vietnam has been the largest export destination for U.S. cotton since 2015/16. It is the second-largest source of U.S. cotton-dominant apparel imports (17% share over the past 12 months, during the same period China had a 22% share). U.S. retailers have suffered from supplemental tariffs on Chinese-made apparel and from COVID. If actions are taken against Vietnam, it would be yet another blow to their profitability. It is unknown what the course will be for the Vietnamese investigation. It took seven months for the U.S. to complete its investigation into Chinese trade practices and another couple months beyond that before tariffs were announced.

Beyond trade tensions, COVID continues to cast a shadow over the market. Rates for new daily cases continue to rise globally. Sharp increases in Europe and several U.S. states and may lead to renewed restrictions on consumer activity. Nonetheless, estimates for global mill-use have been increasing. A recent survey of textile manufacturers conducted by the International Textile Manufacturers' Federation (ITMF) found that 70% of respondents believe that their business will return to pre-COVID levels by the second quarter of 2021.

### World Cotton Production

million 480 lb. bales	2019/20	2020/21	
		Sep	Oct
India	29.5	30.0	30.0
China	27.3	27.3	27.3
United States	19.9	17.1	17.0
Brazil	13.5	12.0	12.0
Pakistan	6.2	6.2	5.8
Rest of World	25.5	24.7	24.2
World	121.8	117.2	116.3

### World Cotton Mill-Use

million 480 lb. bales	2019/20	2020/21	
		Sep	Oct
China	33.0	36.5	37.5
India	20.0	22.5	23.0
Pakistan	9.2	10.0	10.0
Bangladesh	6.5	7.3	7.3
Turkey	6.6	7.0	7.0
Rest of World	26.7	29.4	29.4
World	102.0	112.7	114.2

### World Cotton Exports

million 480 lb. bales	2019/20	2020/21	
		Sep	Oct
United States	15.5	14.6	14.6
Brazil	8.9	9.2	9.7
India	3.2	5.0	5.0
Benin	1.2	1.3	1.4
Australia	1.4	1.3	1.3
Rest of World	10.7	10.3	10.3
World	40.9	41.7	42.2

### World Cotton Imports

million 480 lb. bales	2019/20	2020/21	
		Sep	Oct
China	7.1	9.0	9.5
Bangladesh	7.0	7.3	7.3
Vietnam	6.5	6.8	6.8
Turkey	4.6	4.3	4.3
Pakistan	4.0	3.8	3.8
Rest of World	10.9	10.6	10.5
World	40.1	41.8	42.2

### World Cotton Ending Stocks

million 480 lb. bales	2019/20	2020/21	
		Sep	Oct
China	36.9	36.5	36.0
Brazil	14.1	13.8	13.4
India	17.9	21.4	20.9
United States	7.3	7.2	7.2
Pakistan	3.4	3.1	2.9
Rest of World	19.7	21.8	20.7
World	99.2	103.8	101.1

Additional supply and demand data available [here](#).

Please forward comments and questions to [marketinformation@cottoninc.com](mailto:marketinformation@cottoninc.com)

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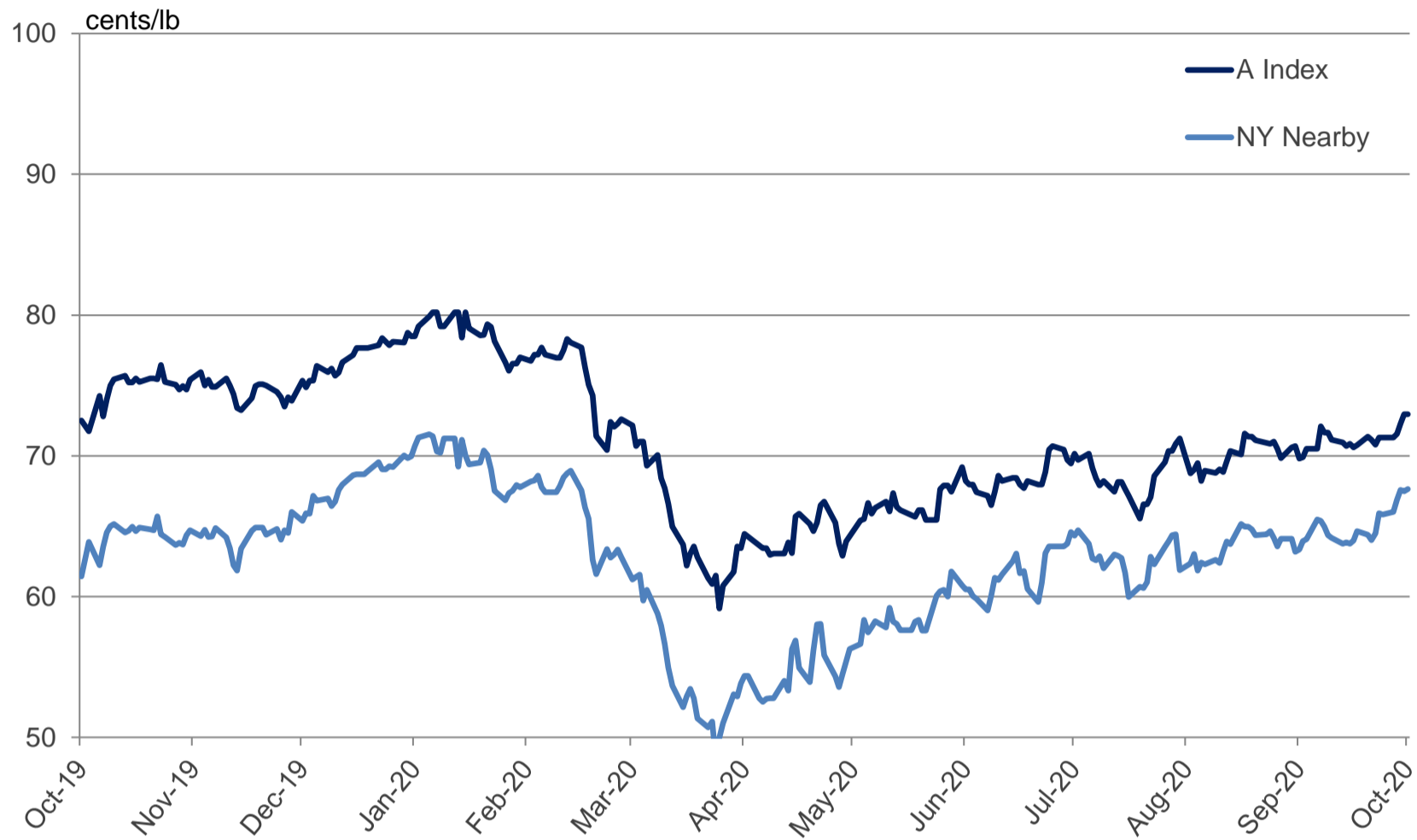
Sources: Price data from Reuters, Cotlook, Cotton Assn. of India, and Karachi Cotton Assn. Supply, demand, and trade data from the USDA.

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**List of Charts and Tables**

Daily	<a href="#">A Index &amp; NY Nearby</a>	<a href="#">Chinese Prices</a>	<a href="#">Indian Prices</a>	<a href="#">Pakistani Prices</a>
Monthly	<a href="#">A Index &amp; NY Nearby</a>	<a href="#">Chinese Prices</a>	<a href="#">Indian Prices</a>	<a href="#">Pakistani Prices</a>
Tables	<a href="#">Balance Sheets (bales)</a>	<a href="#">Balance Sheets (tons)</a>	<a href="#">Supply &amp; Demand (bales)</a>	<a href="#">Supply &amp; Demand (tons)</a>

**One Year of Daily A Index and NY Nearby Prices**

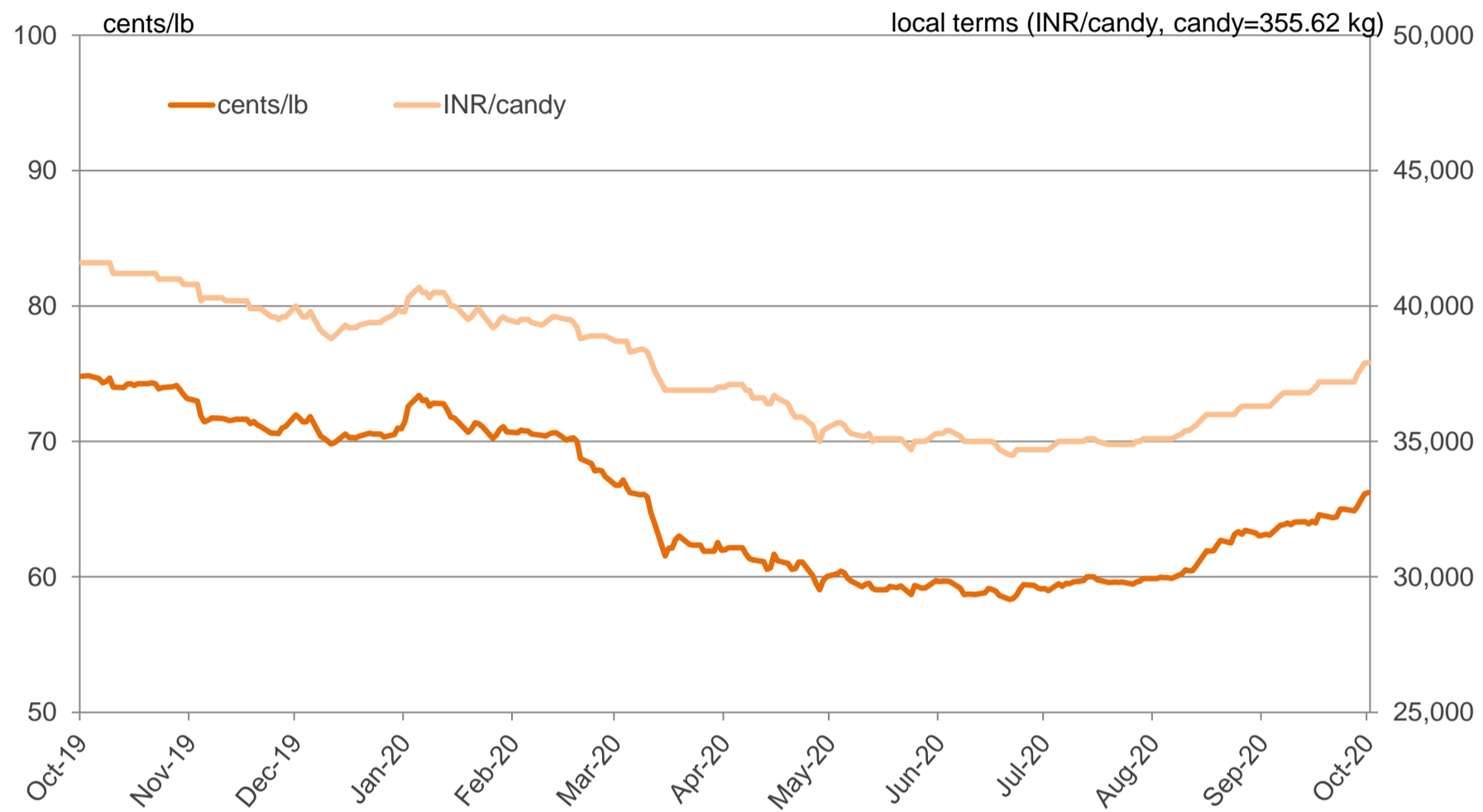


**One Year of Daily CC Index (Grade 328) Prices**



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)

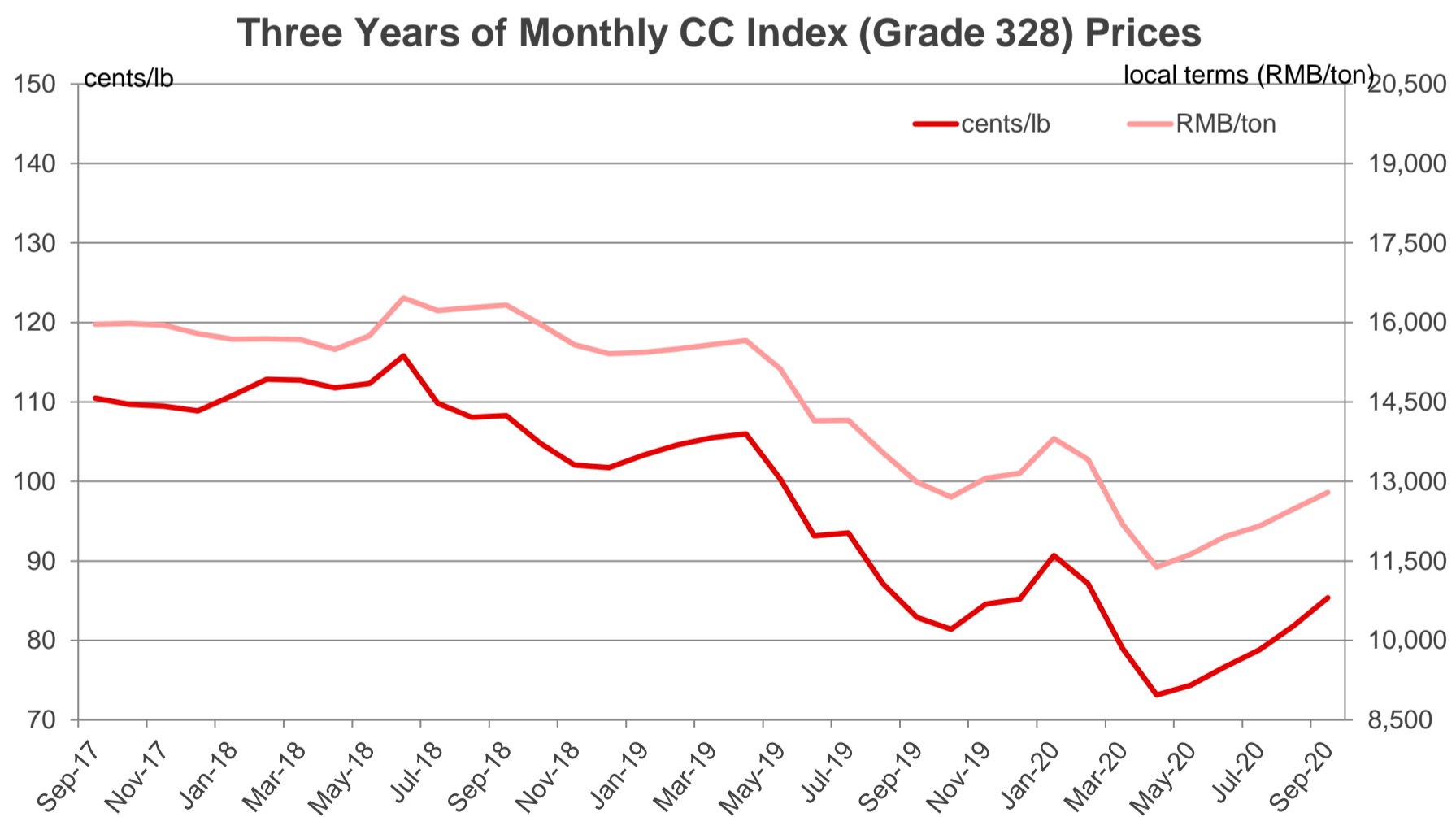
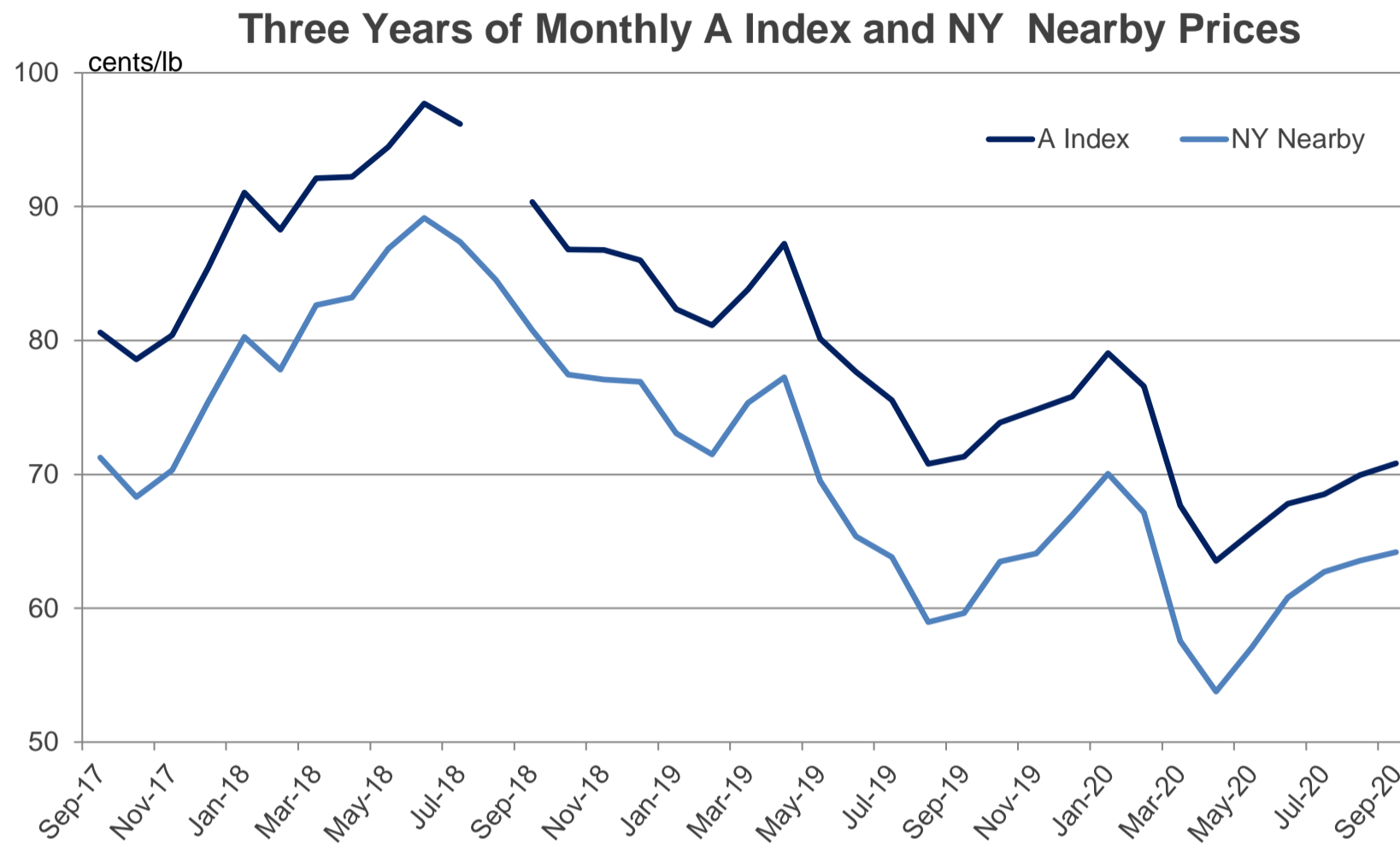


### One Year of Daily Pakistani Spot Prices



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

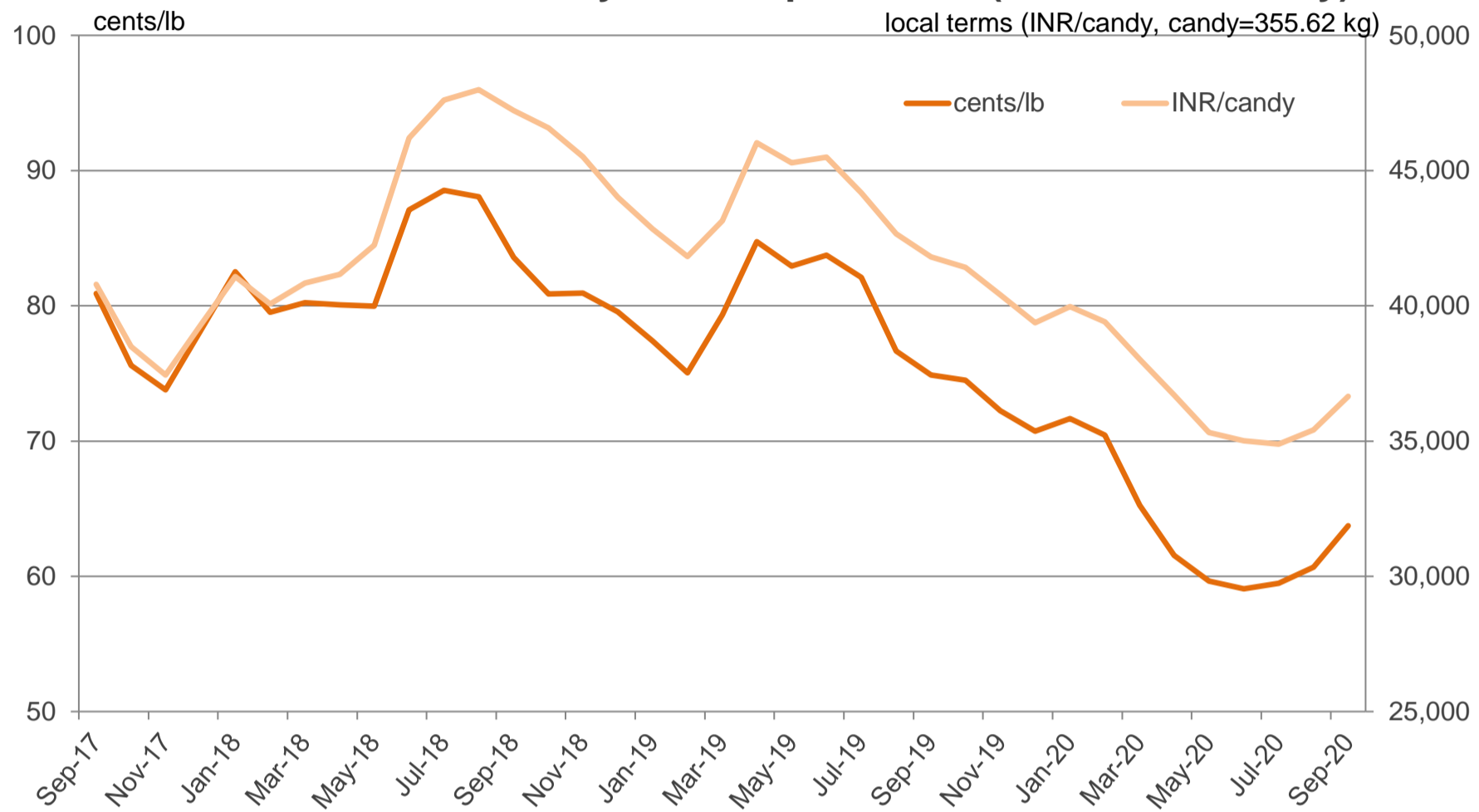
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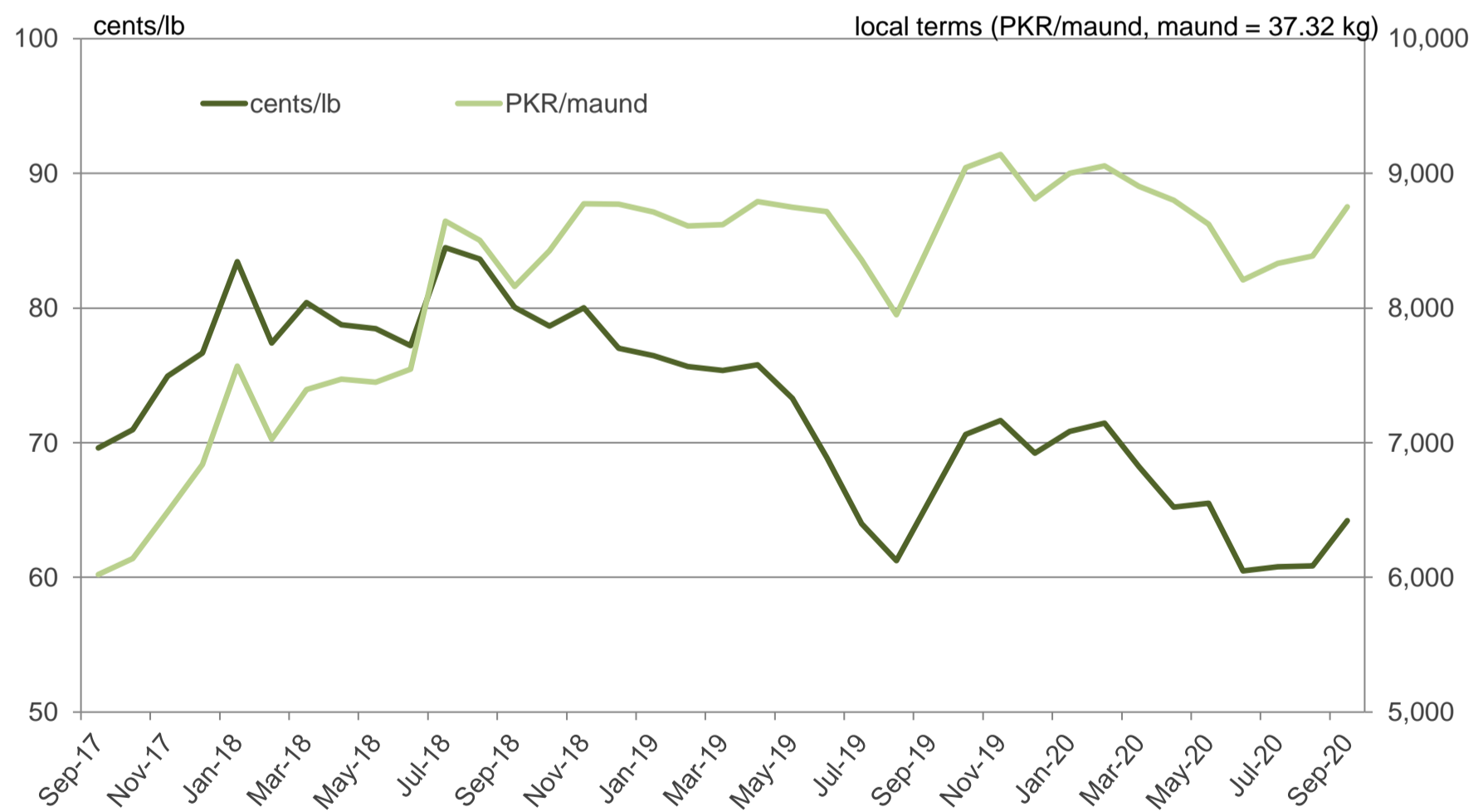
Note: Differences in price movement in local and international terms (cents/lb) due to changes in exchange rates.

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### Three Years of Monthly Indian Spot Prices (Shankar-6 Variety)



### 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.

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## World Balance Sheet

million 480 lb. bales	2016/17	2017/18	2018/19	2019/20	2020/21 September	2020/21 October
Beginning Stocks	90.2	80.2	80.9	80.2	99.4	99.2
Production	106.7	124.0	118.6	121.8	117.2	116.3
Supply	196.8	204.2	199.5	202.0	216.6	215.5
Mill-Use	116.2	122.8	120.2	102.0	112.7	114.2
Ending Stocks	80.2	80.9	80.2	99.2	103.8	101.1
Stocks/Use Ratio	69.1%	65.9%	66.7%	97.2%	92.2%	88.6%

## China Balance Sheet

million 480 lb. bales	2016/17	2017/18	2018/19	2019/20	2020/21 September	2020/21 October
Beginning Stocks	56.7	45.9	38.0	35.7	36.9	36.9
Production	22.8	27.5	27.8	27.3	27.3	27.3
Imports	5.0	5.7	9.6	7.1	9.0	9.5
Supply	84.5	79.1	75.4	70.1	73.1	73.6
Mill-Use	38.5	41.0	39.5	33.0	36.5	37.5
Exports	0.1	0.1	0.2	0.2	0.1	0.1
Demand	38.6	41.1	39.7	33.2	36.6	37.6
Ending Stocks	45.9	38.0	35.7	36.9	36.5	36.0
Stocks/Use Ratio	119.1%	92.4%	89.8%	111.3%	99.7%	95.7%

## World-Less-China Balance Sheet

million 480 lb. bales	2016/17	2017/18	2018/19	2019/20	2020/21 September	2020/21 October
Beginning Stocks	33.5	34.3	42.9	44.5	62.5	62.3
Production	83.9	96.5	90.8	94.6	90.0	89.0
Imports from China	0.1	0.1	0.2	0.2	0.1	0.1
Supply	117.5	130.9	134.0	139.3	152.6	151.5
Mill-Use	77.7	81.8	80.7	69.0	76.2	76.7
Exports to China	5.0	5.7	9.6	7.1	9.0	9.5
Demand	82.7	87.5	90.3	76.2	85.2	86.2
Ending Stocks	34.3	42.9	44.5	62.3	67.3	65.1
Stocks/Use Ratio	41.5%	49.1%	49.3%	81.8%	79.0%	75.5%

Source: USDA

## India Balance Sheet

million 480 lb. bales	2016/17	2017/18	2018/19	2019/20	2020/21 September	2020/21 October
Beginning Stocks	7.0	7.9	9.2	9.3	17.9	17.9
Production	27.0	29.0	25.8	29.5	30.0	30.0
Imports	2.7	1.7	1.8	2.3	1.0	1.0
Supply	36.8	38.6	36.8	41.1	48.9	48.9
Mill-Use	24.4	24.2	24.0	20.0	22.5	23.0
Exports	4.6	5.2	3.5	3.2	5.0	5.0
Demand	28.9	29.3	27.5	23.2	27.5	28.0
Ending Stocks	7.9	9.2	9.3	17.9	21.4	20.9
Stocks/Use Ratio	27.3%	31.5%	33.8%	77.1%	77.7%	74.6%

## U.S. Balance Sheet

million 480 lb. bales	2016/17	2017/18	2018/19	2019/20	2020/21 September	2020/21 October
Beginning Stocks	3.8	2.8	4.2	4.9	7.3	7.3
Production	17.2	20.9	18.4	19.9	17.1	17.0
Imports	0.0	0.0	0.0	0.0	0.0	0.0
Supply	21.0	23.7	22.6	24.8	24.3	24.3
Mill-Use	3.3	3.2	3.0	2.2	2.5	2.5
Exports	14.9	16.3	14.8	15.5	14.6	14.6
Demand	18.2	19.5	17.8	17.7	17.1	17.1
Ending Stocks	2.8	4.2	4.9	7.3	7.2	7.2
Stocks/Use Ratio	15.1%	21.5%	27.2%	41.0%	42.1%	42.1%

## Pakistan Balance Sheet

million 480 lb. bales	2016/17	2017/18	2018/19	2019/20	2020/21 September	2020/21 October
Beginning Stocks	2.6	2.3	2.8	2.5	3.2	3.4
Production	7.7	8.2	7.6	6.2	6.2	5.8
Imports	2.5	3.4	2.9	4.0	3.8	3.8
Supply	12.8	13.9	13.3	12.7	13.2	13.0
Mill-Use	10.3	10.9	10.7	9.2	10.0	10.0
Exports	0.1	0.2	0.1	0.1	0.1	0.1
Demand	10.4	11.1	10.8	9.3	10.1	10.1
Ending Stocks	2.3	2.8	2.5	3.4	3.1	2.9
Stocks/Use Ratio	22.2%	25.6%	23.2%	36.6%	31.0%	28.7%

Source: USDA



## World Cotton Production

million 480 lb. bales	2016/17	2017/18	2018/19	2019/20	2020/21 September	2020/21 October
India	27.0	29.0	25.8	29.5	30.0	30.0
China	22.8	27.5	27.8	27.3	27.3	27.3
United States	17.2	20.9	18.4	19.9	17.1	17.0
Brazil	7.0	9.2	13.0	13.5	12.0	12.0
Pakistan	7.7	8.2	7.6	6.2	6.2	5.8
Uzbekistan	3.7	3.9	3.3	3.5	3.3	3.3
Turkey	3.2	4.0	3.8	3.5	2.8	2.8
Australia	4.1	4.8	2.2	0.6	2.1	2.1
Benin	0.9	1.1	1.4	1.4	1.4	1.4
Greece	1.0	1.2	1.4	1.7	1.5	1.3
Mexico	0.8	1.6	1.7	1.6	1.1	1.1
Cote d'Ivoire	0.6	0.8	0.9	1.0	1.0	1.0
Turkmenistan	1.3	1.3	0.9	0.9	1.0	1.0
Rest of World	9.4	10.4	10.4	11.4	10.6	10.2
African Franc Zone	4.9	5.1	5.1	5.6	4.7	4.7
EU-27	1.3	1.5	1.7	2.0	1.6	1.6
World	106.7	124.0	118.6	121.8	117.2	116.3

## World Cotton Exports

million 480 lb. bales	2016/17	2017/18	2018/19	2019/20	2020/21 September	2020/21 October
United States	14.9	16.3	14.8	15.5	14.6	14.6
Brazil	2.8	4.2	6.0	8.9	9.2	9.7
India	4.6	5.2	3.5	3.2	5.0	5.0
Benin	0.8	1.1	1.4	1.2	1.3	1.4
Australia	3.7	3.9	3.6	1.4	1.3	1.3
Greece	1.0	1.1	1.4	1.5	1.4	1.3
Cote d'Ivoire	0.6	0.6	0.9	0.6	0.9	1.0
Burkina	1.2	1.2	0.8	0.7	0.8	0.8
Mali	1.1	1.3	1.4	1.2	1.0	0.8
Cameroon	0.5	0.4	0.6	0.5	0.6	0.6
Sudan	0.3	0.4	0.4	0.4	0.5	0.5
Argentina	0.3	0.2	0.5	0.4	0.4	0.4
Tajikistan	0.3	0.5	0.4	0.4	0.4	0.4
Rest of World	5.8	5.3	5.7	5.0	4.4	4.6
African Franc Zone	4.4	4.9	5.1	4.4	4.7	4.7
EU-27	1.3	1.4	1.7	1.8	1.6	1.6
World	37.9	41.6	41.4	40.9	41.7	42.2

Source: USDA

## World Cotton Mill-Use

million 480 lb. bales	2016/17	2017/18	2018/19	2019/20	2020/21 September	2020/21 October
China	38.5	41.0	39.5	33.0	36.5	37.5
India	24.4	24.2	24.0	20.0	22.5	23.0
Pakistan	10.3	10.9	10.7	9.2	10.0	10.0
Bangladesh	6.8	7.5	7.2	6.5	7.3	7.3
Turkey	6.6	7.5	6.9	6.6	7.0	7.0
Vietnam	5.4	6.6	7.0	6.1	6.8	6.8
Uzbekistan	2.0	2.5	2.8	3.0	3.1	3.1
Brazil	3.2	3.4	3.4	2.7	3.0	3.0
Indonesia	3.3	3.5	3.2	2.5	2.9	2.9
United States	3.3	3.2	3.0	2.2	2.5	2.5
Mexico	1.8	1.9	2.0	1.5	1.6	1.6
Thailand	1.2	1.1	1.1	0.7	0.8	0.8
Turkmenistan	0.7	0.7	0.8	0.7	0.8	0.8
Rest of World	8.9	8.8	8.7	7.4	7.9	7.9
African Franc Zone	0.1	0.1	0.1	0.1	0.1	0.1
EU-27	0.7	0.7	0.7	0.6	0.7	0.7
<b>World</b>	<b>116.2</b>	<b>122.8</b>	<b>120.2</b>	<b>102.0</b>	<b>112.7</b>	<b>114.2</b>

## World Cotton Imports

million 480 lb. bales	2016/17	2017/18	2018/19	2019/20	2020/21 September	2020/21 October
China	5.0	5.7	9.6	7.1	9.0	9.5
Bangladesh	6.8	7.6	7.0	7.0	7.3	7.3
Vietnam	5.5	7.0	6.9	6.5	6.8	6.8
Turkey	3.7	4.0	3.5	4.6	4.3	4.3
Pakistan	2.5	3.4	2.9	4.0	3.8	3.8
Indonesia	3.4	3.5	3.1	2.5	2.9	2.9
India	2.7	1.7	1.8	2.3	1.0	1.0
Malaysia	0.4	0.7	0.7	0.9	0.9	0.9
Thailand	1.2	1.1	1.1	0.7	0.9	0.9
South Korea	1.0	0.9	0.8	0.6	0.6	0.6
Mexico	1.0	0.9	0.9	0.6	0.6	0.6
Egypt	0.5	0.6	0.5	0.5	0.6	0.6
Taiwan	0.6	0.6	0.6	0.4	0.4	0.4
Rest of World	3.3	3.4	3.0	2.6	2.8	2.8
African Franc Zone	0.0	0.0	0.0	0.0	0.0	0.0
EU-27	0.7	0.7	0.6	0.6	0.6	0.6
<b>World Total</b>	<b>37.7</b>	<b>41.2</b>	<b>42.3</b>	<b>40.1</b>	<b>41.8</b>	<b>42.2</b>

Source: USDA

## World Balance Sheet

million metric tons	2016/17	2017/18	2018/19	2019/20	2020/21 September	2020/21 October
Beginning Stocks	19.6	17.5	17.6	17.5	21.7	21.6
Production	23.2	27.0	25.8	26.5	25.5	25.3
Supply	42.9	44.5	43.4	44.0	47.2	46.9
Mill-Use	25.3	26.7	26.2	22.2	24.5	24.9
Ending Stocks	17.5	17.6	17.5	21.6	22.6	22.0
Stocks/Use Ratio	69.1%	65.9%	66.7%	97.2%	92.2%	88.6%

## China Balance Sheet

million metric tons	2016/17	2017/18	2018/19	2019/20	2020/21 September	2020/21 October
Beginning Stocks	12.3	10.0	8.3	7.8	8.0	8.0
Production	5.0	6.0	6.0	5.9	5.9	5.9
Imports	1.1	1.2	2.1	1.6	2.0	2.1
Supply	18.4	17.2	16.4	15.3	15.9	16.0
Mill-Use	8.4	8.9	8.6	7.2	7.9	8.2
Exports	0.0	0.0	0.0	0.0	0.0	0.0
Demand	8.4	9.0	8.6	7.2	8.0	8.2
Ending Stocks	10.0	8.3	7.8	8.0	8.0	7.8
Stocks/Use Ratio	119.1%	92.4%	89.8%	111.3%	99.7%	95.7%

## World-Less-China Balance Sheet

million metric tons	2016/17	2017/18	2018/19	2019/20	2020/21 September	2020/21 October
Beginning Stocks	7.3	7.5	9.3	9.7	13.6	13.6
Production	18.3	21.0	19.8	20.6	19.6	19.4
Imports from China	0.0	0.0	0.0	0.0	0.0	0.0
Supply	25.6	28.5	29.2	30.3	33.2	33.0
Mill-Use	16.9	17.8	17.6	15.0	16.6	16.7
Exports to China	1.1	1.2	2.1	1.6	2.0	2.1
Demand	18.0	19.0	19.7	16.6	18.5	18.8
Ending Stocks	7.5	9.3	9.7	13.6	14.7	14.2
Stocks/Use Ratio	41.5%	49.1%	49.3%	81.8%	79.0%	75.5%

Source: USDA

## India Balance Sheet

million metric tons	2016/17	2017/18	2018/19	2019/20	2020/21 September	2020/21 October
Beginning Stocks	1.5	1.7	2.0	2.0	3.9	3.9
Production	5.9	6.3	5.6	6.4	6.5	6.5
Imports	0.6	0.4	0.4	0.5	0.2	0.2
Supply	8.0	8.4	8.0	8.9	10.6	10.6
Mill-Use	5.3	5.3	5.2	4.4	4.9	5.0
Exports	1.0	1.1	0.8	0.7	1.1	1.1
Demand	6.3	6.4	6.0	5.1	6.0	6.1
Ending Stocks	1.7	2.0	2.0	3.9	4.7	4.5
Stocks/Use Ratio	27.3%	31.5%	33.8%	77.1%	77.7%	74.6%

## U.S. Balance Sheet

million metric tons	2016/17	2017/18	2018/19	2019/20	2020/21 September	2020/21 October
Beginning Stocks	0.8	0.6	0.9	1.1	1.6	1.6
Production	3.7	4.6	4.0	4.3	3.7	3.7
Imports	0.0	0.0	0.0	0.0	0.0	0.0
Supply	4.6	5.2	4.9	5.4	5.3	5.3
Mill-Use	0.7	0.7	0.6	0.5	0.5	0.5
Exports	3.2	3.5	3.2	3.4	3.2	3.2
Demand	4.0	4.2	3.9	3.8	3.7	3.7
Ending Stocks	0.6	0.9	1.1	1.6	1.6	1.6
Stocks/Use Ratio	15.1%	21.5%	27.2%	41.0%	42.1%	42.1%

## Pakistan Balance Sheet

million metric tons	2016/17	2017/18	2018/19	2019/20	2020/21 September	2020/21 October
Beginning Stocks	0.6	0.5	0.6	0.5	0.7	0.7
Production	1.7	1.8	1.7	1.3	1.3	1.3
Imports	0.5	0.7	0.6	0.9	0.8	0.8
Supply	2.8	3.0	2.9	2.8	2.9	2.8
Mill-Use	2.2	2.4	2.3	2.0	2.2	2.2
Exports	0.0	0.0	0.0	0.0	0.0	0.0
Demand	2.3	2.4	2.3	2.0	2.2	2.2
Ending Stocks	0.5	0.6	0.5	0.7	0.7	0.6
Stocks/Use Ratio	22.2%	25.6%	23.2%	36.6%	31.0%	28.7%

Source: USDA

## World Cotton Production

million metric tons	2016/17	2017/18	2018/19	2019/20	2020/21 September	2020/21 October
India	5.9	6.3	5.6	6.4	6.5	6.5
China	5.0	6.0	6.0	5.9	5.9	5.9
United States	3.7	4.6	4.0	4.3	3.7	3.7
Brazil	1.5	2.0	2.8	2.9	2.6	2.6
Pakistan	1.7	1.8	1.7	1.3	1.3	1.3
Uzbekistan	0.8	0.8	0.7	0.8	0.7	0.7
Turkey	0.7	0.9	0.8	0.8	0.6	0.6
Australia	0.9	1.0	0.5	0.1	0.5	0.5
Benin	0.2	0.2	0.3	0.3	0.3	0.3
Greece	0.2	0.3	0.3	0.4	0.3	0.3
Mexico	0.2	0.3	0.4	0.3	0.2	0.2
Cote d'Ivoire	0.1	0.2	0.2	0.2	0.2	0.2
Turkmenistan	0.3	0.3	0.2	0.2	0.2	0.2
Rest of World	2.1	2.3	2.3	2.5	2.3	2.2
African Franc Zone	1.1	1.1	1.1	1.2	1.0	1.0
EU-27	0.3	0.3	0.4	0.4	0.4	0.4
World	23.2	27.0	25.8	26.5	25.5	25.3

## World Cotton Exports

million metric tons	2016/17	2017/18	2018/19	2019/20	2020/21 September	2020/21 October
United States	3.2	3.5	3.2	3.4	3.2	3.2
Brazil	0.6	0.9	1.3	1.9	2.0	2.1
India	1.0	1.1	0.8	0.7	1.1	1.1
Benin	0.2	0.2	0.3	0.3	0.3	0.3
Australia	0.8	0.9	0.8	0.3	0.3	0.3
Greece	0.2	0.2	0.3	0.3	0.3	0.3
Cote d'Ivoire	0.1	0.1	0.2	0.1	0.2	0.2
Burkina	0.3	0.3	0.2	0.2	0.2	0.2
Mali	0.2	0.3	0.3	0.3	0.2	0.2
Cameroon	0.1	0.1	0.1	0.1	0.1	0.1
Sudan	0.1	0.1	0.1	0.1	0.1	0.1
Argentina	0.1	0.0	0.1	0.1	0.1	0.1
Tajikistan	0.1	0.1	0.1	0.1	0.1	0.1
Rest of World	1.3	1.2	1.2	1.1	1.0	1.0
African Franc Zone	1.0	1.1	1.1	1.0	1.0	1.0
EU-27	0.3	0.3	0.4	0.4	0.3	0.3
World	8.3	9.0	9.0	8.9	9.1	9.2

Source: USDA

## World Cotton Consumption

million metric tons	2016/17	2017/18	2018/19	2019/20	2020/21 September	2020/21 October
China	8.4	8.9	8.6	7.2	7.9	8.2
India	5.3	5.3	5.2	4.4	4.9	5.0
Pakistan	2.2	2.4	2.3	2.0	2.2	2.2
Bangladesh	1.5	1.6	1.6	1.4	1.6	1.6
Turkey	1.4	1.6	1.5	1.4	1.5	1.5
Vietnam	1.2	1.4	1.5	1.3	1.5	1.5
Uzbekistan	0.4	0.5	0.6	0.7	0.7	0.7
Brazil	0.7	0.7	0.7	0.6	0.7	0.7
Indonesia	0.7	0.8	0.7	0.5	0.6	0.6
United States	0.7	0.7	0.6	0.5	0.5	0.5
Mexico	0.4	0.4	0.4	0.3	0.3	0.3
Thailand	0.3	0.2	0.2	0.2	0.2	0.2
Turkmenistan	0.1	0.2	0.2	0.2	0.2	0.2
Rest of World	1.9	1.9	1.9	1.6	1.7	1.7
African Franc Zone	0.0	0.0	0.0	0.0	0.0	0.0
EU-27	0.2	0.2	0.2	0.1	0.1	0.1
<b>World Total</b>	<b>25.3</b>	<b>26.7</b>	<b>26.2</b>	<b>22.2</b>	<b>24.5</b>	<b>24.9</b>

## World Cotton Imports

million metric tons	2016/17	2017/18	2018/19	2019/20	2020/21 September	2020/21 October
China	1.1	1.2	2.1	1.6	2.0	2.1
Bangladesh	1.5	1.7	1.5	1.5	1.6	1.6
Vietnam	1.2	1.5	1.5	1.4	1.5	1.5
Turkey	0.8	0.9	0.8	1.0	0.9	0.9
Pakistan	0.5	0.7	0.6	0.9	0.8	0.8
Indonesia	0.7	0.8	0.7	0.5	0.6	0.6
India	0.6	0.4	0.4	0.5	0.2	0.2
Malaysia	0.1	0.2	0.2	0.2	0.2	0.2
Thailand	0.3	0.3	0.2	0.2	0.2	0.2
South Korea	0.2	0.2	0.2	0.1	0.1	0.1
Mexico	0.2	0.2	0.2	0.1	0.1	0.1
Egypt	0.1	0.1	0.1	0.1	0.1	0.1
Taiwan	0.1	0.1	0.1	0.1	0.1	0.1
Rest of World	0.7	0.7	0.7	0.6	0.6	0.6
African Franc Zone	0.0	0.0	0.0	0.0	0.0	0.0
EU-27	0.2	0.2	0.1	0.1	0.1	0.1
<b>World Total</b>	<b>8.2</b>	<b>9.0</b>	<b>9.2</b>	<b>8.7</b>	<b>9.1</b>	<b>9.2</b>

Source: USDA