

# Monthly Economic Letter

Cotton Market Fundamentals & Price Outlook



## RECENT PRICE MOVEMENT

Movement in benchmark prices was mixed over the past month.

- The December NY/ICE futures contract climbed higher in the second half of August, but it lost 12% in the last week of the month (from 117 to 103 cents/lb between August 29th and September 2nd). More recently, values have been trading between 101 and 105 cents/lb.
- After rising most of the month, the A Index also fell near the end of August, dropping from 134 to 122 cents/lb.
- The China Cotton Index (CC 3128B) has been the lowest of all cotton benchmarks since the middle of August. Prices moved slightly lower recently, with current values touching the lowest levels since January 2021 (103 cents/lb, when they were 26 cents/lb higher than the NY/ICE Nearby). The CC Index traded between 15,650 and 16,000 RMB/ton in domestic terms over the past month. The RMB weakened against the dollar from 6.75 to 6.95 RMB/USD.
- Indian spot prices (Shankar-6 quality) have been the highest benchmark since late June (after surpassing the A Index, which includes shipment to East Asian ports). Over the past month, values eased slightly, from 158 to 143 cents/lb or from 96,000 to 89,000 INR/candy. The INR was steady against the USD, around 80 INR/USD.
- With the outbreak of flooding, Pakistani spot prices increased from 102 to as much as 127 cents/lb by the end of August. More recently, prices retreated to 117 cents/lb. In domestic terms, prices increased from 18,000 to 22,000 PKR/maund. The PKR weakened against the USD, from 215 to 230 PKR/USD over the past month.

## SUPPLY, DEMAND, & TRADE

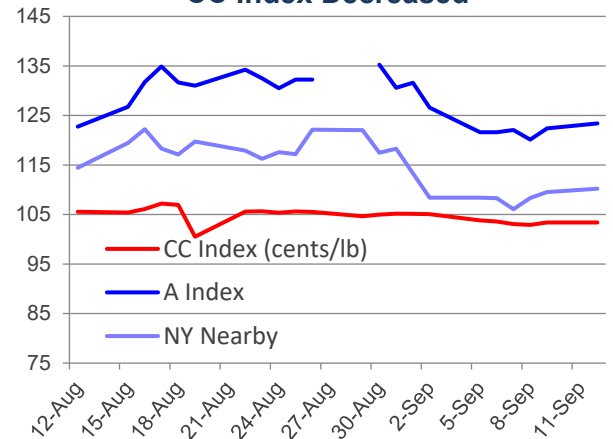
The latest USDA report featured an increase for 2022/23 global production (+1.4 million bales to 118.4 million) and a decrease for 2022/23 global mill-use (-460,000 bales to 118.6 million). Along with revisions to historical figures, these changes boosted the USDA's forecast for 2022/23 ending stocks by 2.0 million bales (to 84.8 million).

Flooding in Pakistan pulled the forecast for Pakistani production - 700,000 bales lower (to 5.5 million). Another major country-level change was for the U.S., where the crop estimate increased +1.3 million bales (to 13.8 million) due to a large upward revision in planted acreage (+1.3 million acres relative to the August number). Other notable changes included updates for Australia (+500,000 bales to 6.0 million), China (+500,000 to 28.0 million), Turkey (+100,000 to 4.4 million), Togo (-105,000 to 105,000), and Uzbekistan (-200,000 to 2.7 million).

At the country-level, the largest changes for mill-use were for Pakistan (-400,000 bales to 10.5 million) and Vietnam (-100,000 to 6.8 million).

The global trade estimate was unchanged at 44.6 million bales. Import figures were lowered for Turkey (-100,000 bales to 4.8 million) and Vietnam (-100,000 to 6.9 million) but were increased for Pakistan (+200,000 to 5.0 million). The export figure was lowered for Brazil (-700,000 bales to 8.6 million) but increased for Mexico (+100,000 to 500,000), Australia (+200,000 to 6.4 million), and the U.S. (+600,000 bales to 12.6 million).

## NY Nearby & A Index Moved Higher & Lower, CC Index Decreased



### Recent Price Data

cents/lb	Latest Value (Sep 12)	Latest Month (Aug)	Last 12 Months (Sep21-Aug22)
NY Nearby	110.2	109.1	120.3
A Index	123.4	123.7	135.7
CC Index	103.4	103.8	143.7
Indian Spot	142.7	145.6	135.9
Pakistani Spot	118.8	117.8	120.9

Additional price data available [here](#).

Price definitions available [here](#).

### World Balance Sheet

million 480 lb. bales	2022/23		
	2021/22	Aug	Sep
Beg. Stocks	88.4	84.7	84.8
Production	115.7	117.0	118.4
Mill-Use	119.5	119.1	118.6
Ending Stocks	84.8	82.8	84.8
Stocks/Use	71.0%	69.5%	71.4%

### China Balance Sheet

million 480 lb. bales	2022/23		
	2021/22	Aug	Sep
Beg. Stocks	39.2	37.3	37.0
Production	27.0	27.5	28.0
Imports	7.8	9.0	9.0
Mill-Use	37.0	37.5	37.5
Exports	0.1	0.0	0.0
Ending Stocks	37.0	36.2	36.4
Stocks/Use	99.6%	96.4%	97.0%

### World-Less-China Balance Sheet

million 480 lb. bales	2022/23		
	2021/22	Aug	Sep
Beg. Stocks	49.2	47.5	47.8
Production	88.7	89.5	90.4
Imports from China	0.1	0.0	0.0
Mill-Use	82.5	81.6	81.1
Exports to China	7.8	9.0	9.0
Ending Stocks	47.8	46.6	48.3
Stocks/Use	53.0%	51.4%	53.6%

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

## PRICE OUTLOOK

Traditional relationships among cotton benchmarks flipped in recent months. The CC Index, which traditionally trades at levels 15-20 cents/lb higher than the A Index, has been the lowest international price since mid-August. Indian spot prices (Shankar-6 quality), which traditionally trade near NY/ICE futures (December currently at 105 cents/lb), have been the highest benchmark since late June (currently near 143 cents/lb, easily exceeding the A Index, which includes delivery to East Asia ports).

The decline in Chinese prices relative to those from the rest of the world may affect trade in the new crop year. China is normally the world's largest importer of both cotton fiber and yarn. However, significantly lower domestic prices encourage consumption of domestically grown fiber and should discourage imports.

Last crop year, Chinese gins aggressively purchased seed cotton at elevated prices. Disagreements about downstream prices prevented much of that fiber from flowing to spinning mills. A result was the record accumulation of private (non-reserve) stocks. Those supplies are a likely factor weighing on the Chinese market. The U.S. ban on sourcing from Xinjiang is another potential contributor, but with Chinese prices lower than those in other markets, Chinese inventories could be drawn down while imports of fiber and yarn could fall.

When China drew down its reserve stocks (2015/16-2018/19), Chinese imports fell as low as 4.4 million bales (2015/16). Since then, China has imported as much as 12.9 million bales (2020/21). China brought in 7.8 million bales in 2021/22 and is forecast to import 9.0 million bales in 2022/23. The U.S. crop is forecast to be 3.7 million bales lower year-over-year in 2022/23. If China were to return to import volumes near 2015/16 levels, it could erase the tightness in exportable supply stemming from a smaller U.S. crop.

Chinese yarn imports, which also involve competition between domestic and international fiber prices, have already fallen. In the latest available data (July 2022), shipments were down -41% year-over-year, dropping to the lowest monthly volume in ten years (since 2012). China sources much of its yarn from Vietnam (48% share during the 2021/22 crop year), and a possible consequence of lower Chinese yarn import demand could be lower fiber import demand from Vietnam (world's third largest destination).

Other demand-side concerns include another lockdown in a major Chinese population center, surging energy costs in Europe, and renewed indications from Federal Reserve officials that the central bank is prepared to continue to increase interest rates. The U.S., the E.U., and China represent the world's largest consumer markets for finished cotton goods, and none of these developments are supportive of downstream demand.

These demand-side concerns flared simultaneously with the flooding in Pakistan and were likely reasons why prices decreased sharply that week. When paired with a potential pullback in Chinese fiber and yarn imports, downstream concerns could more than offset tightness in exportable supply. However, recent market volatility underlines uncertainty in the market. Volatility could continue as the market struggles to balance exportable stocks against headwinds for demand.

## World Cotton Production

million 480 lb. bales	2021/22	2022/23	
		Aug	Sep
China	27.0	27.5	28.0
India	24.5	27.5	27.5
United States	17.5	12.6	13.8
Brazil	11.5	13.0	13.0
Australia	5.8	5.5	6.0
Rest of World	29.4	30.9	30.1
World	115.7	117.0	118.4

## World Cotton Mill-Use

million 480 lb. bales	2021/22	2022/23	
		Aug	Sep
China	37.0	37.5	37.5
India	25.0	25.0	25.0
Pakistan	10.7	10.9	10.5
Bangladesh	8.5	8.5	8.5
Turkey	8.7	8.5	8.5
Rest of World	29.6	28.7	28.6
World	119.5	119.1	118.6

## World Cotton Exports

million 480 lb. bales	2021/22	2022/23	
		Aug	Sep
United States	14.6	12.0	12.6
Brazil	7.7	9.3	8.6
Australia	3.9	6.2	6.4
India	3.8	3.7	3.7
Benin	1.4	1.5	1.5
Rest of World	11.6	11.9	11.8
World	43.1	44.6	44.6

## World Cotton Imports

million 480 lb. bales	2021/22	2022/23	
		Aug	Sep
China	7.8	9.0	9.0
Bangladesh	8.2	8.4	8.4
Vietnam	6.6	7.0	6.9
Pakistan	4.3	4.8	5.0
Turkey	5.5	4.9	4.8
Rest of World	10.3	10.5	10.5
World	42.8	44.6	44.6

## World Cotton Ending Stocks

million 480 lb. bales	2021/22	2022/23	
		Aug	Sep
China	37.0	36.2	36.4
Brazil	11.7	12.7	12.9
India	8.6	8.8	8.9
Turkey	2.8	2.9	2.8
United States	3.8	1.8	2.7
Rest of World	21.0	20.3	20.9
World	84.8	82.8	84.8

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

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

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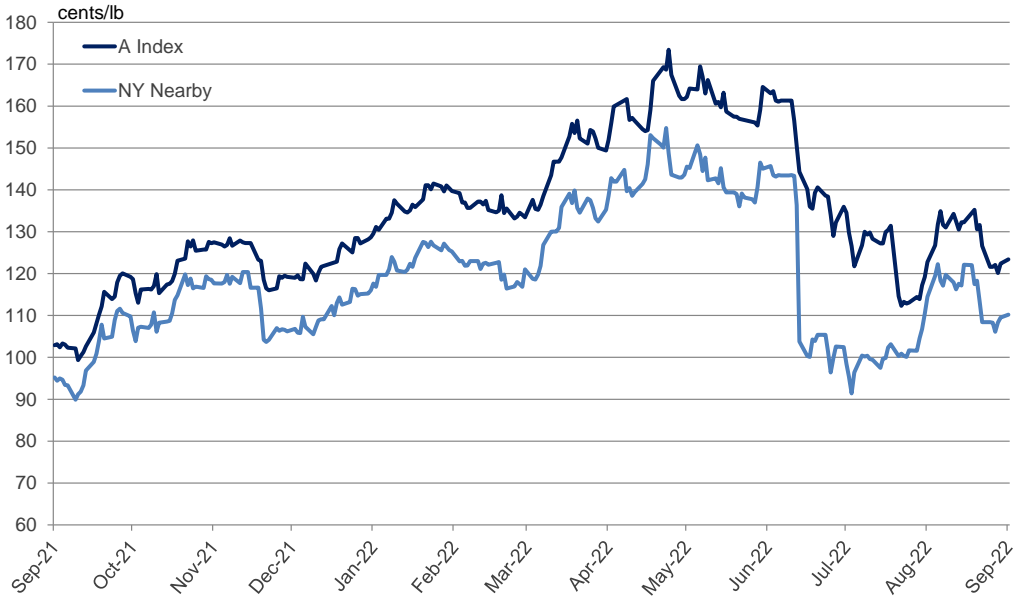
Sources: Price data from Reuters, Cotlook, Cotton Assn. of India, and Karachi Cotton Assn. Supply, demand, and trade data from the USDA.

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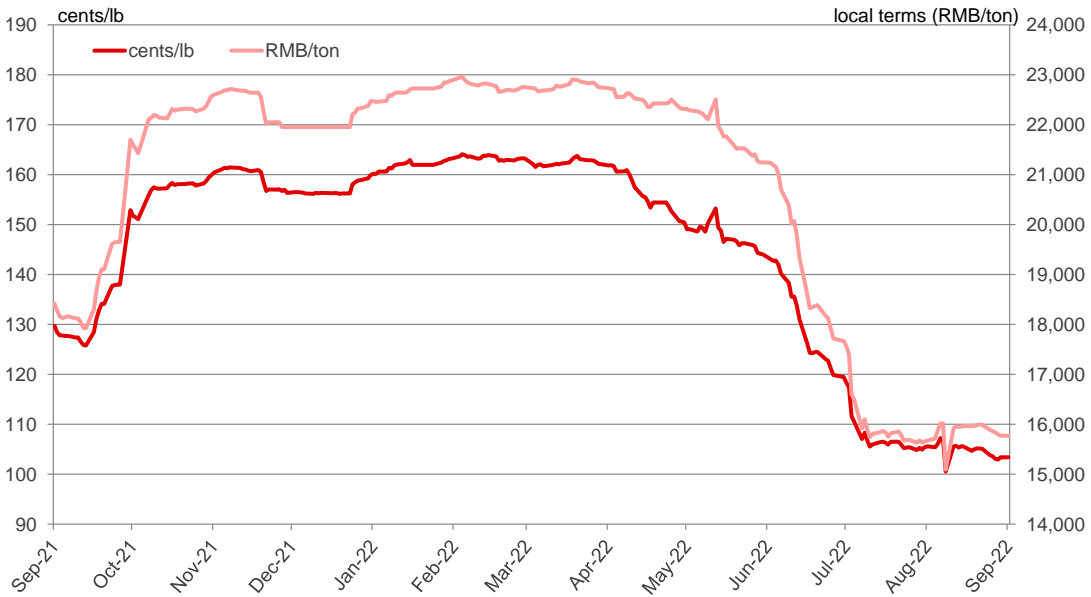
**List of Charts and Tables**

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**

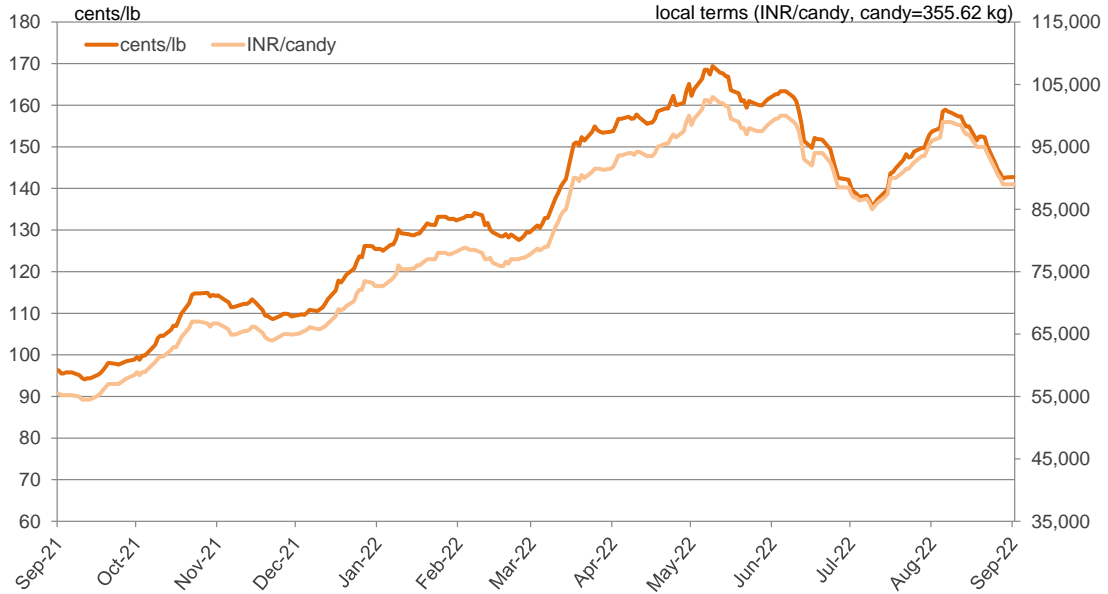


**One Year of Daily CC Index (Grade 328) Prices**

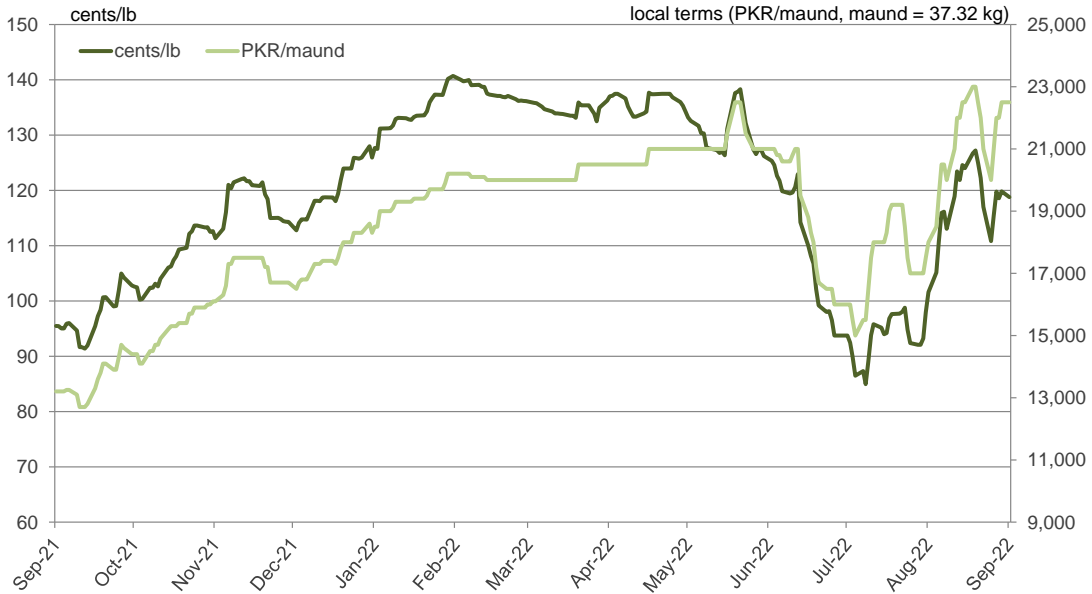


Note: Differences in price movement in local and international terms (cents/lb) due to changes in exchange rates.

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



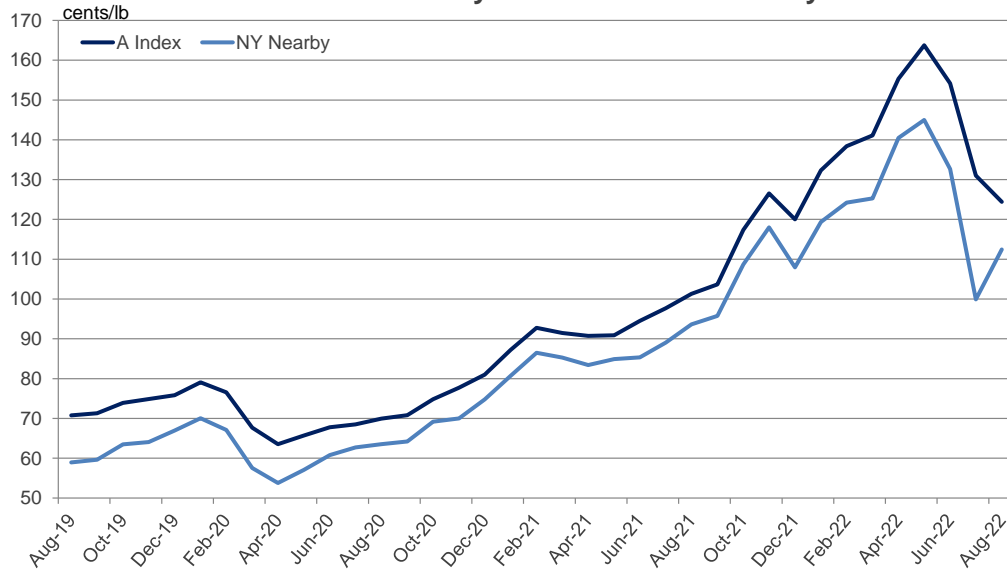
### One Year of Daily Pakistani Spot Prices



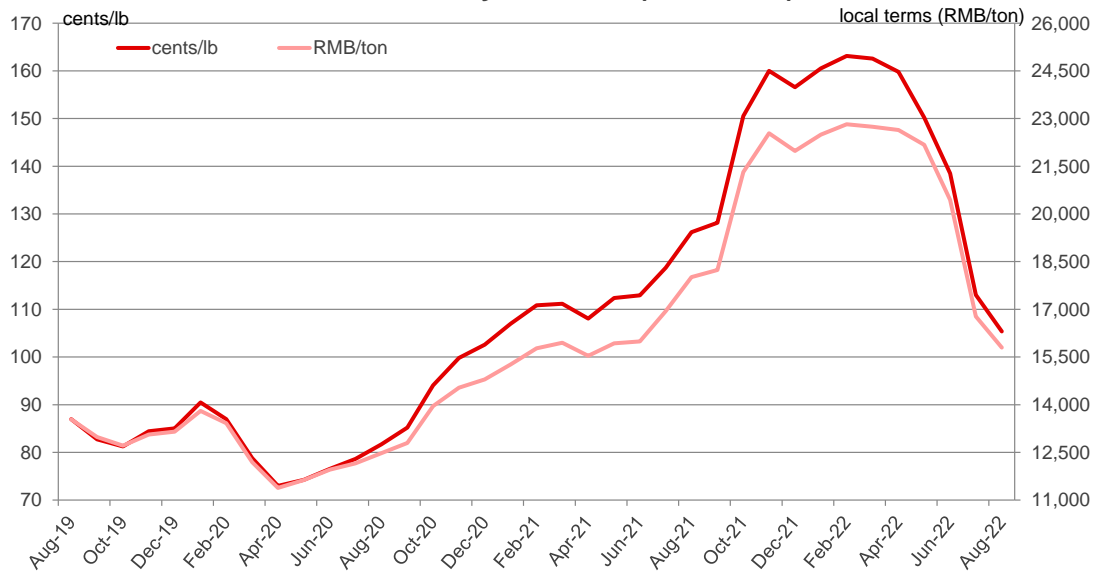
Note: Differences in price movement in local and international terms (cents/lb) due to changes in exchange rates.

[return to list of charts and tables](#)

### Three Years of Monthly A Index and NY Nearby Prices



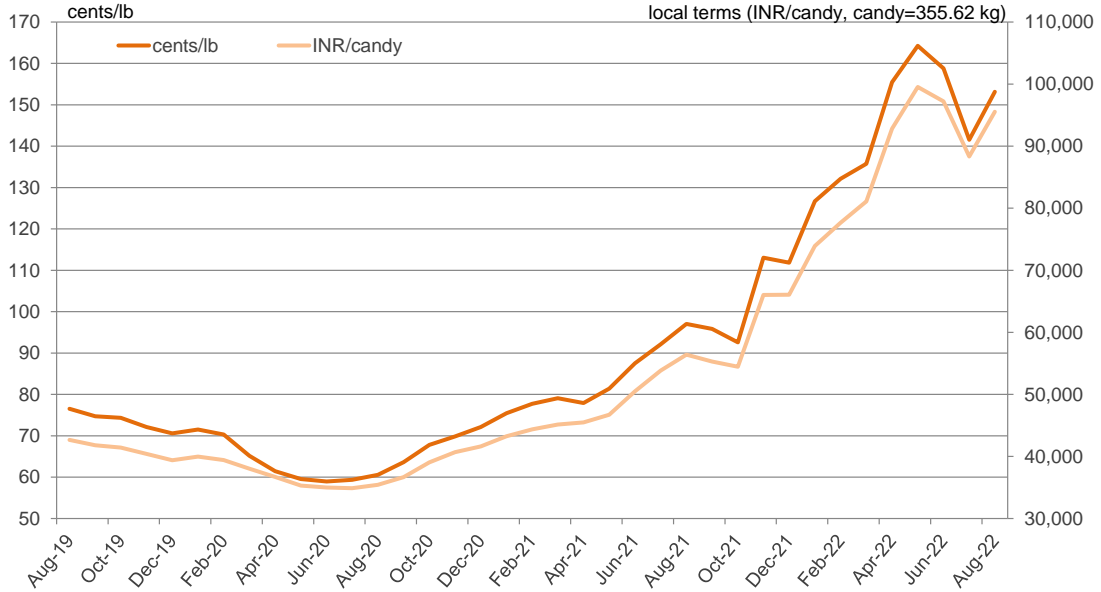
### Three Years of Monthly CC Index (Grade 328) Prices



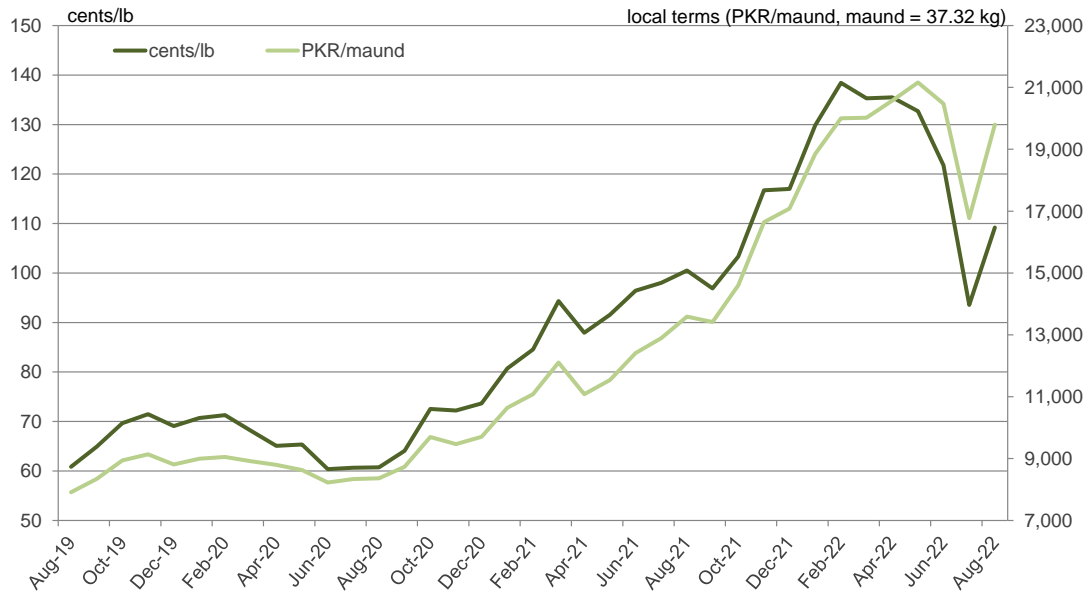
Note: Differences in price movement in local and international terms (cents/lb) due to changes in exchange rates.

[return to list of charts and tables](#)

### 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.

[return to list of charts and tables](#)

## World Balance Sheet

million 480 lb. bales	2018/19	2019/20	2020/21	2021/22	2022/23 August	2022/23 September
Beginning Stocks	82.8	82.3	99.0	88.4	84.7	84.8
Production	118.2	120.0	111.4	115.7	117.0	118.4
Supply	201.0	202.3	210.4	204.2	201.7	203.2
Mill-Use	119.8	103.0	122.1	119.5	119.1	118.6
Ending Stocks	82.3	99.0	88.4	84.8	82.8	84.8
Stocks/Use Ratio	68.7%	96.1%	72.5%	71.0%	69.5%	71.4%

## China Balance Sheet

million 480 lb. bales	2018/19	2019/20	2020/21	2021/22	2022/23 August	2022/23 September
Beginning Stocks	38.0	35.7	36.9	39.3	37.3	37.0
Production	27.8	27.3	29.5	27.0	27.5	28.0
Imports	9.6	7.1	12.9	7.8	9.0	9.0
Supply	75.4	70.1	79.3	74.1	73.8	74.0
Mill-Use	39.5	33.0	40.0	37.0	37.5	37.5
Exports	0.2	0.2	0.0	0.1	0.1	0.1
Demand	39.7	33.2	40.0	37.1	37.6	37.6
Ending Stocks	35.7	36.9	39.3	37.0	36.2	36.4
Stocks/Use Ratio	89.8%	111.3%	98.1%	99.6%	96.4%	97.0%

## World-Less-China Balance Sheet

million 480 lb. bales	2018/19	2019/20	2020/21	2021/22	2022/23 August	2022/23 September
Beginning Stocks	44.8	46.6	62.1	49.2	47.5	47.8
Production	90.5	92.7	81.9	88.7	89.5	90.4
Imports from China	0.2	0.2	0.0	0.1	0.1	0.1
Supply	135.5	139.5	144.0	138.0	137.0	138.3
Mill-Use	80.3	70.0	82.1	82.5	81.6	81.1
Exports to China	9.6	7.1	12.9	7.8	9.0	9.0
Demand	89.9	77.1	94.9	90.3	90.6	90.1
Ending Stocks	46.6	62.1	49.2	47.8	46.6	48.3
Stocks/Use Ratio	51.8%	80.5%	51.8%	53.0%	51.4%	53.6%

Source: USDA

## India Balance Sheet

million 480 lb. bales	2018/19	2019/20	2020/21	2021/22	2022/23 August	2022/23 September
Beginning Stocks	8.6	8.6	15.7	11.9	8.5	8.6
Production	26.0	28.5	27.6	24.5	27.5	27.5
Imports	1.8	2.3	0.8	1.0	1.5	1.5
Supply	36.4	39.4	44.1	37.4	37.5	37.6
Mill-Use	24.3	20.5	26.0	25.0	25.0	25.0
Exports	3.5	3.2	6.2	3.8	3.7	3.7
Demand	27.8	23.7	32.2	28.8	28.7	28.7
Ending Stocks	8.6	15.7	11.9	8.6	8.8	8.9
Stocks/Use Ratio	30.9%	66.2%	37.1%	30.0%	30.8%	31.1%

## U.S. Balance Sheet

million 480 lb. bales	2018/19	2019/20	2020/21	2021/22	2022/23 August	2022/23 September
Beginning Stocks	4.2	4.9	7.3	3.2	3.5	3.8
Production	18.4	19.9	14.6	17.5	12.6	13.8
Imports	0.0	0.0	0.0	0.0	0.0	0.0
Supply	22.6	24.8	21.9	20.7	16.1	17.6
Mill-Use	3.0	2.2	2.4	2.6	2.3	2.3
Exports	14.8	15.5	16.4	14.6	12.0	12.6
Demand	17.8	17.7	18.8	17.2	14.3	14.9
Ending Stocks	4.9	7.3	3.2	3.8	1.8	2.7
Stocks/Use Ratio	27.2%	41.0%	16.8%	21.8%	12.6%	18.1%

## Pakistan Balance Sheet

million 480 lb. bales	2018/19	2019/20	2020/21	2021/22	2022/23 August	2022/23 September
Beginning Stocks	2.8	2.5	3.2	2.3	1.8	1.8
Production	7.6	6.2	4.5	6.0	6.2	5.5
Imports	2.9	4.0	5.3	4.3	4.8	5.0
Supply	13.3	12.7	13.0	12.6	12.8	12.3
Mill-Use	10.7	9.4	10.7	10.7	10.9	10.5
Exports	0.1	0.1	0.0	0.1	0.1	0.0
Demand	10.8	9.5	10.7	10.8	11.0	10.5
Ending Stocks	2.5	3.2	2.3	1.8	1.8	1.7
Stocks/Use Ratio	23.2%	33.7%	21.1%	16.7%	16.6%	16.5%

Source: USDA



## World Cotton Production

million 480 lb. bales	2018/19	2019/20	2020/21	2021/22	2022/23 August	2022/23 September
China	27.8	27.3	29.5	27.0	27.5	28.0
India	26.0	28.5	27.6	24.5	27.5	27.5
United States	18.4	19.9	14.6	17.5	12.6	13.8
Brazil	13.0	13.8	10.8	11.5	13.0	13.0
Australia	2.2	0.6	2.8	5.8	5.5	6.0
Pakistan	7.6	6.2	4.5	6.0	6.2	5.5
Turkey	3.8	3.5	2.9	3.8	4.3	4.4
Uzbekistan	2.8	2.4	3.2	2.7	2.9	2.7
Benin	1.4	1.4	1.5	1.4	1.6	1.6
Mali	1.3	1.4	0.3	1.4	1.5	1.5
Mexico	1.7	1.6	1.0	1.2	1.3	1.4
Greece	1.4	1.7	1.4	1.4	1.4	1.4
Burkina Faso	0.9	0.9	1.0	1.0	1.1	1.1
Rest of World	10.1	10.9	10.4	10.6	10.8	10.7
African Franc Zone	4.2	4.6	3.7	4.8	5.0	5.0
EU-27	1.7	2.0	1.7	1.6	1.6	1.6
World	118.2	120.0	111.4	115.7	117.0	118.4

## World Cotton Exports

million 480 lb. bales	2018/19	2019/20	2020/21	2021/22	2022/23 August	2022/23 September
United States	14.8	15.5	16.4	14.6	12.0	12.6
Brazil	6.0	8.9	11.0	7.7	9.3	8.6
Australia	3.6	1.4	1.6	3.9	6.2	6.4
India	3.5	3.2	6.2	3.8	3.7	3.7
Benin	1.4	1.0	1.4	1.4	1.5	1.5
Mali	1.4	1.2	0.6	1.1	1.4	1.4
Greece	1.4	1.5	1.6	1.5	1.3	1.3
Burkina Faso	0.8	0.9	1.1	0.8	1.0	1.0
Cote d'Ivoire	0.9	0.6	1.2	1.4	1.0	1.0
Argentina	0.5	0.4	0.6	0.7	0.7	0.7
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
Sudan	0.4	0.4	0.5	0.6	0.5	0.5
Rest of World	5.4	5.1	5.3	4.5	4.7	4.6
African Franc Zone	4.3	3.4	4.0	4.7	4.8	4.8
EU-27	1.7	1.8	2.0	1.8	1.6	1.6
World	41.5	41.0	48.5	43.1	44.6	44.6

Source: USDA

[return to list of charts and tables](#)

## World Cotton Mill-Use

million 480 lb. bales	2018/19	2019/20	2020/21	2021/22	2022/23 August	2022/23 September
China	39.5	33.0	40.0	37.0	37.5	37.5
India	24.3	20.5	26.0	25.0	25.0	25.0
Pakistan	10.7	9.4	10.7	10.7	10.9	10.5
Bangladesh	7.2	6.9	8.5	8.5	8.5	8.5
Turkey	6.9	6.6	7.7	8.7	8.5	8.5
Vietnam	7.0	6.6	7.3	6.7	6.9	6.8
Brazil	3.4	2.7	3.1	3.2	3.2	3.2
Uzbekistan	2.0	2.3	3.1	3.1	2.7	2.8
Indonesia	3.2	2.4	2.5	2.6	2.5	2.5
United States	3.0	2.2	2.4	2.6	2.3	2.3
Mexico	2.0	1.5	1.7	1.9	1.9	1.9
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	7.9	7.6	7.6
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	103.0	122.1	119.5	119.1	118.6

## World Cotton Imports

million 480 lb. bales	2018/19	2019/20	2020/21	2021/22	2022/23 August	2022/23 September
China	9.6	7.1	12.9	7.8	9.0	9.0
Bangladesh	7.0	7.5	8.3	8.2	8.4	8.4
Vietnam	6.9	6.5	7.3	6.6	7.0	6.9
Pakistan	2.9	4.0	5.3	4.3	4.8	5.0
Turkey	3.6	4.7	5.3	5.5	4.9	4.8
Indonesia	3.1	2.5	2.3	2.6	2.5	2.5
India	1.8	2.3	0.8	1.0	1.5	1.5
Mexico	0.9	0.6	0.9	1.0	1.1	1.1
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
Egypt	0.5	0.5	0.6	0.6	0.5	0.5
Malaysia	0.7	0.7	0.6	0.5	0.5	0.5
Iran	0.3	0.3	0.4	0.4	0.4	0.4
Rest of World	3.3	2.7	2.7	3.0	2.7	2.8
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	48.6	42.8	44.6	44.6

Source: USDA

## World Balance Sheet

million metric tons	2018/19	2019/20	2020/21	2021/22	2022/23 August	2022/23 September
Beginning Stocks	18.0	17.9	21.6	19.3	18.4	18.5
Production	25.7	26.1	24.2	25.2	25.5	25.8
Supply	43.8	44.0	45.8	44.4	43.9	44.2
Mill-Use	26.1	22.4	26.6	26.0	25.9	25.8
Ending Stocks	17.9	21.6	19.3	18.5	18.0	18.5
Stocks/Use Ratio	68.7%	96.1%	72.5%	71.0%	69.5%	71.4%

## China Balance Sheet

million metric tons	2018/19	2019/20	2020/21	2021/22	2022/23 August	2022/23 September
Beginning Stocks	8.3	7.8	8.0	8.5	8.1	8.0
Production	6.0	5.9	6.4	5.9	6.0	6.1
Imports	2.1	1.6	2.8	1.7	2.0	2.0
Supply	16.4	15.3	17.3	16.1	16.1	16.1
Mill-Use	8.6	7.2	8.7	8.1	8.2	8.2
Exports	0.0	0.0	0.0	0.0	0.0	0.0
Demand	8.6	7.2	8.7	8.1	8.2	8.2
Ending Stocks	7.8	8.0	8.5	8.0	7.9	7.9
Stocks/Use Ratio	89.8%	111.3%	98.1%	99.6%	96.4%	97.0%

## World-Less-China Balance Sheet

million metric tons	2018/19	2019/20	2020/21	2021/22	2022/23 August	2022/23 September
Beginning Stocks	9.8	10.2	13.5	10.7	10.3	10.4
Production	19.7	20.2	17.8	19.3	19.5	19.7
Imports from China	0.0	0.0	0.0	0.0	0.0	0.0
Supply	29.5	30.4	31.3	30.1	29.8	30.1
Mill-Use	17.5	15.2	17.9	18.0	17.8	17.7
Exports to China	2.1	1.6	2.8	1.7	2.0	2.0
Demand	19.6	16.8	20.7	19.7	19.7	19.6
Ending Stocks	10.2	13.5	10.7	10.4	10.1	10.5
Stocks/Use Ratio	51.8%	80.5%	51.8%	53.0%	51.4%	53.6%

Source: USDA

## India Balance Sheet

million metric tons	2018/19	2019/20	2020/21	2021/22	2022/23 August	2022/23 September
Beginning Stocks	1.9	1.9	3.4	2.6	1.9	1.9
Production	5.7	6.2	6.0	5.3	6.0	6.0
Imports	0.4	0.5	0.2	0.2	0.3	0.3
Supply	7.9	8.6	9.6	8.2	8.2	8.2
Mill-Use	5.3	4.5	5.7	5.4	5.4	5.4
Exports	0.8	0.7	1.3	0.8	0.8	0.8
Demand	6.1	5.2	7.0	6.3	6.2	6.2
Ending Stocks	1.9	3.4	2.6	1.9	1.9	1.9
Stocks/Use Ratio	30.9%	66.2%	37.1%	30.0%	30.8%	31.1%

## U.S. Balance Sheet

million metric tons	2018/19	2019/20	2020/21	2021/22	2022/23 August	2022/23 September
Beginning Stocks	0.9	1.1	1.6	0.7	0.8	0.8
Production	4.0	4.3	3.2	3.8	2.7	3.0
Imports	0.0	0.0	0.0	0.0	0.0	0.0
Supply	4.9	5.4	4.8	4.5	3.5	3.8
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	2.7
Demand	3.9	3.8	4.1	3.7	3.1	3.2
Ending Stocks	1.1	1.6	0.7	0.8	0.4	0.6
Stocks/Use Ratio	27.2%	41.0%	16.8%	21.8%	12.6%	18.1%

## Pakistan Balance Sheet

million metric tons	2018/19	2019/20	2020/21	2021/22	2022/23 August	2022/23 September
Beginning Stocks	0.6	0.5	0.7	0.5	0.4	0.4
Production	1.7	1.3	1.0	1.3	1.3	1.2
Imports	0.6	0.9	1.2	0.9	1.0	1.1
Supply	2.9	2.8	2.8	2.7	2.8	2.7
Mill-Use	2.3	2.0	2.3	2.3	2.4	2.3
Exports	0.0	0.0	0.0	0.0	0.0	0.0
Demand	2.3	2.1	2.3	2.3	2.4	2.3
Ending Stocks	0.5	0.7	0.5	0.4	0.4	0.4
Stocks/Use Ratio	23.2%	33.7%	21.1%	16.7%	16.6%	16.5%

Source: USDA

## World Cotton Production

million metric tons	2018/19	2019/20	2020/21	2021/22	2022/23 August	2022/23 September
China	6.0	5.9	6.4	5.9	6.0	6.1
India	5.7	6.2	6.0	5.3	6.0	6.0
United States	4.0	4.3	3.2	3.8	2.7	3.0
Brazil	2.8	3.0	2.4	2.5	2.8	2.8
Australia	0.5	0.1	0.6	1.3	1.2	1.3
Pakistan	1.7	1.3	1.0	1.3	1.3	1.2
Turkey	0.8	0.8	0.6	0.8	0.9	1.0
Uzbekistan	0.6	0.5	0.7	0.6	0.6	0.6
Benin	0.3	0.3	0.3	0.3	0.3	0.3
Mali	0.3	0.3	0.1	0.3	0.3	0.3
Mexico	0.4	0.3	0.2	0.3	0.3	0.3
Greece	0.3	0.4	0.3	0.3	0.3	0.3
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	2.3
African Franc Zone	0.9	1.0	0.8	1.1	1.1	1.1
EU-27	0.4	0.4	0.4	0.3	0.3	0.3
World	25.7	26.1	24.2	25.2	25.5	25.8

## World Cotton Exports

million metric tons	2018/19	2019/20	2020/21	2021/22	2022/23 August	2022/23 September
United States	3.2	3.4	3.6	3.2	2.6	2.7
Brazil	1.3	1.9	2.4	1.7	2.0	1.9
Australia	0.8	0.3	0.3	0.8	1.3	1.4
India	0.8	0.7	1.3	0.8	0.8	0.8
Benin	0.3	0.2	0.3	0.3	0.3	0.3
Mali	0.3	0.3	0.1	0.2	0.3	0.3
Greece	0.3	0.3	0.4	0.3	0.3	0.3
Burkina Faso	0.2	0.2	0.2	0.2	0.2	0.2
Cote d'Ivoire	0.2	0.1	0.3	0.3	0.2	0.2
Argentina	0.1	0.1	0.1	0.2	0.2	0.2
Turkey	0.2	0.1	0.1	0.1	0.1	0.1
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
Rest of World	1.2	1.1	1.1	1.0	1.0	1.0
African Franc Zone	0.9	0.7	0.9	1.0	1.0	1.0
EU-27	0.4	0.4	0.4	0.4	0.3	0.3
World	9.0	8.9	10.6	9.4	9.7	9.7

Source: USDA

[return to list of charts and tables](#)

## World Cotton Consumption

million metric tons	2018/19	2019/20	2020/21	2021/22	2022/23 August	2022/23 September
China	8.6	7.2	8.7	8.1	8.2	8.2
India	5.3	4.5	5.7	5.4	5.4	5.4
Pakistan	2.3	2.0	2.3	2.3	2.4	2.3
Bangladesh	1.6	1.5	1.9	1.9	1.9	1.9
Turkey	1.5	1.4	1.7	1.9	1.9	1.9
Vietnam	1.5	1.4	1.6	1.5	1.5	1.5
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
Indonesia	0.7	0.5	0.5	0.6	0.5	0.5
United States	0.6	0.5	0.5	0.6	0.5	0.5
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	1.7	1.7
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
<b>World Total</b>	<b>26.1</b>	<b>22.4</b>	<b>26.6</b>	<b>26.0</b>	<b>25.9</b>	<b>25.8</b>

## World Cotton Imports

million metric tons	2018/19	2019/20	2020/21	2021/22	2022/23 August	2022/23 September
China	2.1	1.6	2.8	1.7	2.0	2.0
Bangladesh	1.5	1.6	1.8	1.8	1.8	1.8
Vietnam	1.5	1.4	1.6	1.4	1.5	1.5
Pakistan	0.6	0.9	1.2	0.9	1.0	1.1
Turkey	0.8	1.0	1.2	1.2	1.1	1.0
Indonesia	0.7	0.5	0.5	0.6	0.5	0.5
India	0.4	0.5	0.2	0.2	0.3	0.3
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
Egypt	0.1	0.1	0.1	0.1	0.1	0.1
Malaysia	0.2	0.2	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	0.7	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
<b>World Total</b>	<b>9.2</b>	<b>8.9</b>	<b>10.6</b>	<b>9.3</b>	<b>9.7</b>	<b>9.7</b>

Source: USDA

[return to list of charts and tables](#)