

Economic Research Service

Situation and Outlook

Cotton and Wool Outlook

CWS-17i

Release Date September 14, 2017 Leslie Meyer Imeyer@ers.usda.gov

World Cotton Production Projected Highest in 5 Years

The latest U.S. Department of Agriculture (USDA) estimates for 2017/18 project global cotton production at approximately 120.8 million bales, 13 percent above the previous season, as relative prices favored the planting of cotton versus alternative crops. India, China, and the United States lead the global increase and remain the largest cotton-producing countries (fig. 1). In 2017/18, these countries are forecast to account for 63 percent of world cotton production, similar to the previous 3-year average.

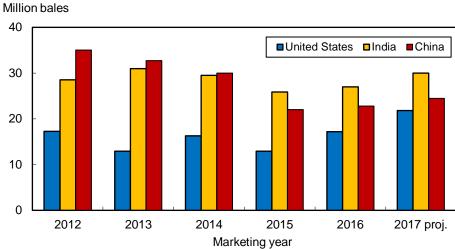
Recently, India accounted for more than 35 percent of the global cotton area and surpassed China as the leading cotton producer in 2015/16. India's harvested area is forecast at 12.2 million hectares (30.1 million acres) in 2017/18, or 37 percent of the total; in comparison, cotton harvested area for the United States and China is expected to account for 14 percent and 9 percent, respectively. Yields in India, however, are projected to remain about one-third below the 2017/18 world average of 797 kilograms per hectare (711 pounds per acre).

Cotton and Wool Chart Gallery will be updated on September 18, 2017.

The next release is October 16, 2017.

Approved by the World Agricultural Outlook Board.

Figure 1 Leading cotton-producing countries



Note: 1 bale = 480 pounds.

Source: USDA, World Agricultural Supply and Demand Estimates reports.

Domestic Outlook

U.S. 2017 Cotton Crop Forecast Higher in September

According to USDA's September *Crop Production* report, the 2017 U.S. cotton crop is forecast at approximately 21.8 million bales, 1.2 million bales above the August estimate and nearly 4.6 million higher than the 2016 crop. The higher September forecast is attributable to an increase in both area and yield, and would be the largest U.S. production since the 2005 crop, if realized.

Total 2017 U.S. cotton planted acreage was raised more than 4.5 percent in September based on acreage reported to USDA's Farm Service Agency (FSA). Planted area was estimated at 12.6 million acres by USDA's National Agricultural Statistics Service (NASS), while harvested area was projected at 11.5 million acres—up from 11.1 million acres forecast in August. As a result, abandonment in 2017 is expected near 9 percent, compared with 5.5 percent in 2016. The national yield is forecast 41 pounds above 2016 at 908 pounds per harvested acre, a record. For current production estimates by State, see table 10. Also, note that NASS indicated in the latest *Crop Production* that the impact of Hurricane Harvey may not be fully reflected in the September report.

The 2017 U.S. upland production is forecast at 21.0 million bales, 27 percent above last season and the highest in 12 years. During the previous 20 years, the September upland cotton forecast was below the final estimate 11 times and above it 9 times. Past differences between the September forecast and the final upland estimate indicate that chances are 2 out of 3 that 2017 production will range between 20.5 million and 23.1 million bales.

Compared with last season, the 2017 upland cotton crop is expected higher in each region of the Cotton Belt (fig. 2). For the Southwest, upland production is projected at about 10.5 million bales, 19 percent above 2016 and a record. Planted area is estimated at about 7.6 million acres, the largest since 2011. With growing conditions relatively favorable this season, harvested area is currently estimated at 6.5 million acres—a 36-year high; however, abandonment is reported at about 14 percent, compared with 8 percent in 2016. The Southwest yield is forecast at 769 pounds per harvested acre, which is slightly above 2016 and the second highest on record behind 2007's 840 pounds per acre.

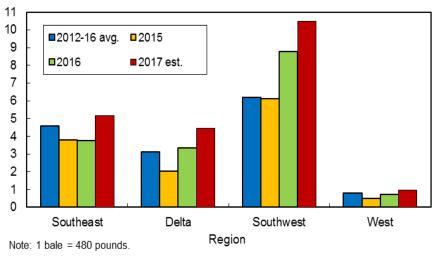
In the Southeast, cotton production is forecast at nearly 5.2 million bales in 2017, above the last two seasons but similar to 2014. The larger crop is the result of higher area—slightly above the 5-year average—and expectations for improved yields. In 2017, the Southeast yield is forecast at 990 pounds per harvested acre, 91 pounds above the average and the second highest on record behind 2012's 1,033 pounds per acre. In the Delta, 2017 cotton production is also expected to expand to 4.4 million bales, as area and yield increase for the second consecutive season; if realized, production would be the largest since 2011. Area this season is 500,000 acres above the 5-year average at 1.9 million acres, while the yield is near a record at 1,113 pounds per harvested acre.

In the West, the 2017 upland crop is projected at 951,000 bales, 34 percent above 2016, as area reaches its highest level in 5 years. With area at approximately 300,000 acres and a yield of 1,507 pounds per harvested acre forecast, the region's upland crop is near the 10-year average. In addition, the extra-long staple (ELS)

Figure 2

U.S. regional upland cotton production





Source: USDA, Crop Production reports.

crop—grown mainly in the West—is forecast at 727,000 bales in 2017, up from 569,000 bales in 2016 and the highest since 780,000 bales were produced in 2012. Although harvested area is forecast to rise in 2017, yield is expected to decrease slightly to 1,441 pounds per harvested acre.

U.S. cotton crop development in early September is running behind last season and the 5-year average. As of September 10, 34 percent of the cotton crop had bolls opening, compared with 40 percent for both last season and the 2012-16 average. However, U.S. cotton crop conditions have continued above last season and the 5-year average since early July (fig. 3). As of September 10, 63 percent of the 2017 crop area was rated "good" or "excellent," compared with 47 percent last year, while only 11 percent was rated "poor" or "very poor," compared with 16 percent in 2016.

Export and Stock Estimates Increased in September

Along with the U.S. cotton crop increase this month, 2017/18 demand was raised 700,000 bales to nearly 18.3 million, the largest since a similar amount was recorded for 2010/11. While the 2017/18 forecast for U.S. mill use was unchanged at 3.35 million bales, U.S. exports accounted for the entire increase this month. For 2017/18, U.S. cotton exports are projected at 14.9 million bales, similar to 2016/17's final estimate. Despite increased export competition in 2017/18, larger foreign import demand for raw cotton—supporting an above-average gain projected for world consumption—along with the larger U.S. crop is expected to keep U.S. exports at one of the highest levels on record. As a share of global trade, U.S. cotton exports are projected to account for 39 percent of world exports in 2017/18, slightly below 2016/17.

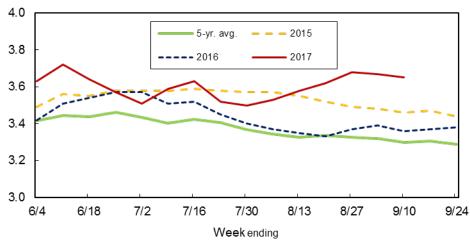
U.S. 2017/18 ending stocks are now forecast at 6.0 million bales, more than 3 million bales above last season's estimate. With the expected stocks-to-use ratio rising to 33 percent by the end of the season—more than double that of 2016/17—the ratio would be at its highest since 2008/09 when the stocks-to-use ratio

approached 38 percent. Based on the current supply and demand estimates, the 2017/18 upland cotton farm price is forecast to range between 54 cents and 66 cents per pound. The midpoint of 60 cents per pound is 8 cents below last season's estimate. The final 2016/17 upland farm price will be released in October.

For 2016/17, U.S. demand and stock estimates incorporate final data for the season. Cotton mill use reached 3.25 million bales in 2016/17, 6 percent below the previous season as competition with synthetic fibers pushed cotton mill use to a level not seen in over a century. Final U.S. cotton exports reached 14.9 million bales, nearly 5.8 million bales above 2015/16 as a large supply of high quality cotton pushed shipments to the second highest on record. Based on the supply and demand estimates and stocks data collected by FSA and NASS, U.S. cotton ending stocks for 2016/17 are estimated at 2.75 million bales, compared with 3.8 million bales in 2015/16. For more details on the calculation of 2016/17 ending stocks, see the Highlight section in this report.

Figure 3
U.S. cotton crop conditions

Index (3=fair and 4=good)



Source: USDA, Crop Progress reports.

International Outlook

World Cotton Production Continues Expansion in 2017/18

Global cotton production in 2017/18 is projected at nearly 120.8 million bales, 3.4 million bales above last month's projection and 13 percent higher than 2016/17's crop of 106.7 million bales. With more harvested area and the global yield above last season, 2017/18 production is forecast at its highest since 2012/13.

World harvested area in 2017/18 is forecast at 33 million hectares (81.5 million acres)—the highest in 3 years—as cotton area increased in most producing countries this season, with Australia being a notable exception. For India, cotton area in 2017/18 is expected to reach 12.2 million hectares; although area increased 12 percent from 2016/17, it is returning to a level typical a few years ago as relative prices and a normal monsoon encouraged cotton planting this season. In addition, an above-average yield of 535 kilograms per hectare is expected to increase production to 30 million bales, the highest in 4 years.

For China, 2017/18 cotton area is expected to reach 3.1 million hectares, 8 percent above a year ago and the first increase since 2011/12. Area in 2017/18 is forecast to continue rising in the high-yielding Xinjiang region and rebound slightly in the eastern regions collectively. China's estimated yield of 1,707 kilograms per hectare for this season is near 2016/17's record; as a result, production is projected to increase nearly 8 percent to 24.5 million bales, the highest in 3 years.

In Pakistan, 2017/18 cotton area is rebounding in a similar fashion to India; cotton area is forecast at 2.8 million hectares, 17 percent above 2016/17. With increased yields also expected, the 2017/18 cotton crop in Pakistan is projected to approach 9.2 million bales—a level not attained since 2014/15.

Global Consumption Growth To Increase in 2017/18

World cotton consumption in 2017/18 is projected at approximately 117.7 million bales, 3.6 percent above last season. Cotton mill use grew 2 percent in 2016/17, but averaged less than 1-percent growth during the preceding 3 seasons. Consumer demand for cotton apparel products is expected to increase in a number of countries, including the United States, supporting the consumption growth.

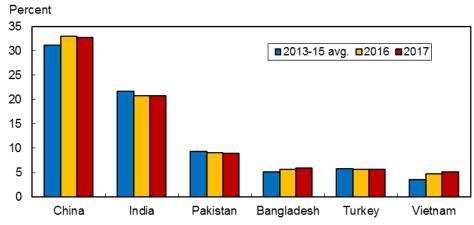
The top six cotton-spinning countries—China, India, Pakistan, Bangladesh, Turkey, and Vietnam—are projected to account for a combined 74 percent of world cotton mill use in 2017/18, equal to a year ago but about 3 percentage points below the 2013-15 season average (fig. 4). In China, cotton mill use is forecast at 38.5 million bales, 1 million bales above 2016/17 and the highest since 2010/11 when 46 million bales were consumed. In 2017/18, China is forecast to account for about one-third of the global consumption total. Likewise, India's consumption is projected to rise 1 million bales to 24.5 million bales, a growth of 4 percent; India's share of world consumption is estimated at 21 percent.

For Pakistan and Turkey, cotton mill use is forecast to increase 300,000 bales for each, reaching 10.6 million and 6.7 million bales, respectively, for a combined 15 percent of global consumption. In Bangladesh and Vietnam, cotton mill use is expected to see even stronger growth. Consumption is forecast to increase to 6.9 million (+6 percent) and about 6 million bales (+10 percent), respectively; at these

levels, Bangladesh will contribute 6 percent of total world consumption while Vietnam will account for an additional 5 percent—both record shares.

Figure 4

Share of total cotton consumption by major spinner



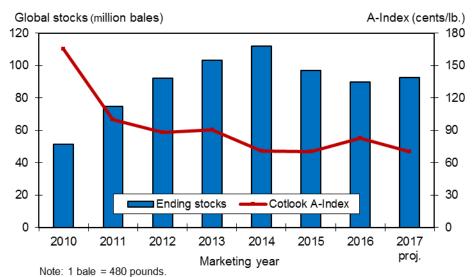
Source: USDA, World Agricultural Supply and Demand Estimates reports.

World Cotton Trade and Stocks Forecast To Rise Slightly

Global cotton trade is forecast at 37.8 million bales in 2017/18, slightly above a year ago but well below the record of 46.5 million bales exported in 2012/13. This season's increase is mainly attributable to a gain seen for Brazil's exports that is mostly offset by a reduction for India. For the major importers, substantive gains are seen only for Bangladesh and Vietnam, where increases of 16 percent are forecast as cotton mill use and stocks expand there.

Based on the latest cotton supply and demand estimates, global ending stocks are projected at 92.5 million bales in 2017/18, 3 million bales (3 percent) above the beginning level and the first increase in 3 years (fig. 5). The stock increase is spread among numerous countries, but excludes China—where stocks are expected to decline once again as policies to reduce their national reserve stocks continue. During 2017/18, China's cotton stocks are forecast to decrease 9 million bales to 39.5 million bales, the lowest since 2011/12. At this level, China would hold about 43 percent of the global cotton supplies at the end of 2017/18, compared with 60 percent during the 2013-15 seasons. The global stocks-to-use ratio is estimated at 79 percent for 2017/18, similar to 2016/17. Meanwhile, the Cotlook A-Index price is expected to decrease from the 83-cent average posted in 2016/17.

Figure 5 **Global cotton stocks and prices**



Sources: Cotlook and USDA, Interagency Commodity Estimates Committee.

Calculating U.S. Cotton Ending Stocks for 2016/17

U.S. cotton supply, demand, and stocks estimates are updated monthly in USDA's *World Agricultural Supply and Demand Estimates (WASDE)* report. During most of the marketing year, the ending stocks estimate is a function of the cotton supply estimate for the season minus the cotton demand estimate; in addition, in most months only a nominal quantity is added or subtracted to allow ending stocks to round to the nearest 100,000 bales. However, once the season has ended, USDA's cotton Interagency Commodity Estimates Committee (ICEC) is tasked with finalizing ending stocks based on actual stock surveys and other relevant data.

Historically, the U.S. Census Bureau surveyed and reported end-of-season cotton stocks in three categories: stocks in public warehouses, stocks in consuming establishments, and stocks "elsewhere." The elsewhere category was partially estimated, as it included cotton in private storage and cotton in transit. The Census report was used by the cotton ICEC as "official" stocks at the end of each season, with the difference between USDA's supply and demand estimate and the Census estimate placed in a residual "unaccounted" category in the *WASDE* report. However, the Census survey was eliminated in the fall of 2011, and the cotton ICEC had to rely on incomplete data to estimate U.S. cotton ending stocks for several seasons.

Beginning in 2015, USDA's National Agricultural Statistics Service (NASS) assumed responsibility for reporting U.S. cotton stocks. NASS determined that existing USDA, Farm Service Agency (FSA) reports are appropriate sources for the following categories of cotton stocks: stocks in public storage and upland cotton stocks in consuming establishments.

For stocks in public storage, see the *Bales Made Available for Shipment (BMAS)* report. For the upland cotton stocks in consuming establishments, see the *Cotton Consumption and Inventory* report (also known as the *Economic Adjustment Assistance Program* report). Both reports can be downloaded from the FSA website. Locate the "Commodity Operations" tab under "Programs and Services" and click on "Program Area Links." Then, click on "Cotton" to find these reports.

In addition, NASS instituted a new survey and report in 2015, which includes extralong staple (ELS) cotton stocks in consuming establishments and all cotton stocks in private storage (cotton in storage not covered by the *BMAS* report). For this data, see the *Cotton System Consumption and Stocks* report which can be downloaded from the NASS website. Locate the report under "Publications by Date" and click on "September." The 2017 report was released on September 1.

Table A presents the components used to calculate the 2016/17 U.S. cotton ending stocks estimate, with adjustments made to reflect the lag between the report dates and the end of the marketing year on July 31. With the establishment of the new NASS survey in 2015, reports now exist for all stocks categories except for stocks in transit (including stocks at ports). This category is estimated by the cotton ICEC using the Foreign Agricultural Service's (FAS) *Export Sales* data. In addition, the calculation includes a deduction for any estimated ginnings of new crop cotton before the end of the marketing year.

Based on the available data, U.S. cotton stocks on July 31, 2017—the end of the 2016/17 marketing year—are computed to be 2.75 million statistical (480-pound) bales. The final stock estimate is nearly 1.1 million bales below the year-ago level and the lowest U.S. cotton stocks in 3 years.

Table A--U.S. Department of Agriculture's U.S. cotton ending stocks calculation, 2016/17

| Item | Units | 2016/17 |
|---|---------------------|---------|
| Cotton stocks components: | | |
| (a) Stocks held in public storage and compresses 1/ | 1,000 running bales | 2,000 |
| (b) Preseason ginnings 2/ | 1,000 running bales | 107 |
| (c) Upland cotton mill stocks 3/ | 1,000 running bales | 137 |
| (d) Extra-long staple (ELS) cotton mill stocks 4/ | 1,000 running bales | 3 |
| (e) Stocks held in private storage 4/ | 1,000 running bales | 61 |
| (f) Stocks subtotal (a minus b plus c, d, and e) | 1,000 running bales | 2,094 |
| Further adjustments: | | |
| (g) Stocks in transit and at ports 5/ | 1,000 running bales | 558 |
| (h) Estimated ending stocks (f plus g) | 1,000 running bales | 2,652 |
| (i) Adjusted cotton ending stocks | 1,000 480-lb bales | 2,750 |

^{1/} Inventory data (adjusted to July 31) from the Farm Service Agency's (FSA) Bales Made Available for Shipment (BMAS) report.

Source: USDA, various reports.

^{2/} Data from the National Agricultural Statistics Service's (NASS) August 2017 Cotton Ginnings report.

^{3/} Data from FSA's Economic Adjustment Assistance Program report.

^{4/} Data from NASS's September 2017 Cotton System Consumption and Stocks report.

^{5/} Cotton shipment data (first 2.5 weeks of 2017/18) from the Foreign Agricultural Service's Export Sales report.

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Cotton, Wool, and Textile Data

Related Websites

http://usda.mannlib.cornell.edu/MannUsda/viewDocumentInfo.do?documentID=1194

http://www.ers.usda.gov/topics/crops/cotton-wool.aspx

http://usda.mannlib.cornell.edu/MannUsda/viewDocumentInfo.do?documentID=1281

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Table 1--U.S. cotton supply and use estimates

| | | | 2017/18 | |
|----------------------------|---------|--------|----------|--------|
| Item | 2016/17 | July | Aug. | Sep. |
| | | Millio | on acres | |
| Upland: | | | | |
| Planted | 9.878 | 11.803 | 11.803 | 12.372 |
| Harvested | 9.320 | 10.933 | 10.806 | 11.263 |
| | | Po | unds | |
| Yield/harvested acre | 855 | 801 | 878 | 896 |
| | | Millio | on bales | |
| Beginning stocks | 3.664 | 3.143 | 2.737 | 2.686 |
| Production | 16.601 | 18.245 | 19.775 | 21.031 |
| Total supply ¹ | 20.270 | 21.398 | 22.522 | 23.727 |
| Mill use | 3.221 | 3.370 | 3.320 | 3.320 |
| Exports | 14.303 | 12.850 | 13.550 | 14.250 |
| Total use | 17.524 | 16.220 | 16.870 | 17.570 |
| Ending stocks ² | 2.686 | 5.168 | 5.647 | 5.889 |
| | | Pe | rcent | |
| Stocks-to-use ratio | 15.3 | 31.9 | 33.5 | 33.5 |
| | | 1,000 | 0 acres | |
| Extra-long staple: | | | | |
| Planted | 194.5 | 252.0 | 252.0 | 246.5 |
| Harvested | 187.8 | 247.0 | 247.3 | 242.2 |
| | | Po | unds | |
| Yield/harvested acre | 1,454 | 1,467 | 1,495 | 1,441 |
| | | 1,000 | 0 bales | |
| Beginning stocks | 136 | 57 | 63 | 64 |
| Production | 569 | 755 | 770 | 727 |
| Total supply ¹ | 707 | 812 | 833 | 791 |
| Mill use | 29 | 30 | 30 | 30 |
| Exports | 614 | 650 | 650 | 650 |
| Total use | 643 | 680 | 680 | 680 |
| Ending stocks ² | 64 | 132 | 153 | 111 |
| | | Pe | rcent | |
| Stocks-to-use ratio | 10.0 | 19.4 | 22.5 | 16.3 |

Note: 1 bale = 480 pounds.

Source: USDA, World Agricultural Outlook Board.

¹Includes imports. ²Includes unaccounted.

Table 2--World cotton supply and use estimates

| Table 2 | 11.7 | | 2017/18 | | |
|----------------------|---------|---------------|---------|--------|--|
| Item | 2016/17 | July | Aug. | Sep. | |
| | | Million bales | | | |
| Supply: | | | | | |
| Beginning stocks | | | | | |
| World | 96.72 | 90.27 | 89.99 | 89.57 | |
| Foreign | 92.92 | 87.07 | 87.19 | 86.82 | |
| Production | | | | | |
| World | 106.74 | 115.36 | 117.31 | 120.75 | |
| Foreign | 89.57 | 96.36 | 96.76 | 98.99 | |
| Imports | | | | | |
| World | 37.21 | 36.77 | 37.19 | 37.82 | |
| Foreign | 37.21 | 36.76 | 37.18 | 37.81 | |
| Use: | | | | | |
| Mill use | | | | | |
| World | 113.68 | 117.03 | 117.40 | 117.75 | |
| Foreign | 110.43 | 113.63 | 114.05 | 114.40 | |
| Exports | | | | | |
| World | 37.54 | 36.81 | 37.17 | 37.78 | |
| Foreign | 22.62 | 23.31 | 22.97 | 22.88 | |
| Ending stocks | | | | | |
| World | 89.57 | 88.73 | 90.09 | 92.54 | |
| Foreign | 86.82 | 83.43 | 84.29 | 86.54 | |
| | Percent | | | | |
| Stocks-to-use ratio: | | | | | |
| World | 78.8 | 75.8 | 76.7 | 78.6 | |
| Foreign | 78.6 | 73.4 | 73.9 | 75.6 | |

Note: 1 bale = 480 pounds.

Source: USDA, World Agricultural Outlook Board.

Table 3--U.S. fiber supply

| Table 3U.S. fiber supply | | | | | |
|--------------------------|-------------|------------|---------|---------|--|
| | May | June | July | July | |
| Item | 2017 | 2017 | 2017 | 2016 | |
| | 1,000 bales | | | | |
| Cotton: | | 1,000 0 | a163 | | |
| Stocks, beginning | 7,767 | 5,809 | 4,352 | 5,086 | |
| Ginnings | 0 | 0,000 | 0 | 0,000 | |
| Imports since August 1 | 5.4 | 6.1 | 6.6 | 33.1 | |
| importo emico / tagaci : | 0 | 0 | 0.0 | 00.1 | |
| | | Million po | unds | | |
| Manufactured fiber: | | | | | |
| Production | 551.8 | 566.3 | 547.5 | 521.0 | |
| Noncellulosic | 551.8 | 566.3 | 547.5 | 521.0 | |
| Cellulosic | NA | NA | NA | NA | |
| Total since January 1 | 2,653.5 | 3,219.8 | 3,767.3 | 3,723.4 | |
| | | | | | |
| - | Apr. | May | June | June | |
| | 2017 | 2017 | 2017 | 2016 | |
| - | | | | | |
| | | Million po | ounds | | |
| Raw fiber imports | 183.6 | 187.1 | NA | 201.8 | |
| Noncellulosic | 165.9 | 169.2 | NA | 182.3 | |
| Cellulosic | 17.7 | 17.9 | NA | 19.6 | |
| Total since January 1 | 754.6 | 941.7 | NA | 1,169.8 | |
| | | 1,000 po | unds | | |
| Wool and mohair: | | 1,000 μο | ando | | |
| Raw wool imports, clean | 706.3 | 427.9 | 552.7 | 746.8 | |
| 48s-and-finer | 448.2 | 282.8 | 295.0 | 582.5 | |
| Not-finer-than-46s | 258.1 | 145.1 | 257.7 | 164.4 | |
| Total since January 1 | 2,433.1 | 2,861.1 | 3,413.8 | 3,690.7 | |
| • | | | | | |
| Wool top imports | 253.8 | 237.3 | 154.9 | 454.0 | |
| Total since January 1 | 903.8 | 1,141.1 | 1,296.0 | 1,720.5 | |
| Mohair imports, clean | 0.0 | 0.0 | 0.0 | 0.0 | |
| Total since January 1 | 0.0 | 0.0 | 0.0 | 13.3 | |

Note: 1 bale = 480 pounds. NA = Not available.

Sources: USDA, National Agricultural Statistics Service; U.S. Department of

Commerce, U.S. Census Bureau; and Fiber Organon.

Table 4--U.S. fiber demand

| Table 1 G.G. IIbol dollidia | | | | |
|---------------------------------------|---------|-------------|---------|---------|
| | May | June | July | July |
| Item | 2017 | 2017 | 2017 | 2016 |
| | | | | |
| 0 | | 1,000 bai | les | |
| Cotton: | | | | |
| All consumed by mills ¹ | 261 | 269 | 257 | 270 |
| Total since August 1 | 2,724 | 2,993 | 3,250 | 3,450 |
| Daily rate | 11.3 | 12.2 | 12.3 | 12.9 |
| Upland consumed by mills ¹ | 259 | 266 | 255 | 268 |
| Total since August 1 | 2,699 | 2,966 | 3,221 | 3,425 |
| Daily rate | 11.2 | 12.1 | 12.1 | 12.7 |
| Upland exports | 1,646 | 1,151 | 1,258 | 805 |
| Total since August 1 | 11,900 | 13,051 | 14,303 | 8,619 |
| Sales for next season | 829 | 1,327 | 1,404 | 1,429 |
| Total since August 1 | 3,273 | 4,600 | 6,004 | 3,426 |
| Extra-long staple exports | 53.0 | 38.5 | 27.7 | 43.8 |
| Total since August 1 | 547.9 | 586.5 | 614.1 | 533.8 |
| Sales for next season | 29.4 | 56.4 | 65.1 | 127.8 |
| Total since August 1 | 71.7 | 128.0 | 193.1 | 183.7 |
| _ | Apr. | May | June | June |
| _ | 2017 | 2017 | 2017 | 2016 |
| | | Million pou | ınds | |
| Manufactured fiber: | | | | |
| Raw fiber exports | 49.4 | 49.8 | NA | 46.6 |
| Noncellulosic | 48.8 | 49.4 | NA | 46.2 |
| Cellulosic | 0.6 | 0.4 | NA | 0.4 |
| Total since January 1 | 205.7 | 255.4 | NA | 283.8 |
| | | 1,000 pou | nds | |
| Wool and mohair: | | | | |
| Raw wool exports, clean | 679.8 | 1,859.7 | 1,262.9 | 866.9 |
| Total since January 1 | 1,900.6 | 3,760.3 | 5,023.3 | 3,067.1 |
| Wool top exports | 103.3 | 134.0 | 112.1 | 56.9 |
| Total since January 1 | 475.0 | 609.0 | 721.1 | 459.3 |
| Mohair exports, clean | 28.5 | 73.7 | 0.0 | 56.1 |
| Total since January 1 | 150.8 | 224.5 | 224.5 | 204.7 |
| | | | | |

Note: 1 bale = 480 pounds. NA = Not available.

Sources: USDA, Farm Service Agency; USDA, Foreign Agricultural Service, *U.S. Export Sales*; U.S. Department of Commerce, U.S. Census Bureau; and *Fiber Organon.*

¹Estimated by USDA.

Table 5--U.S. and world fiber prices

| Table 30.5. and world liber prices | June | July | Aug. | Λιια |
|------------------------------------|--------|-------------|--------|--------|
| lto m | | • | J | Aug. |
| Item | 2017 | 2017 | 2017 | 2016 |
| | | Cents per p | oound | |
| Domestic cotton prices: | | | | |
| Adjusted world price | 66.63 | 65.50 | 61.41 | 62.07 |
| Upland spot 41-34 | 69.85 | 66.24 | 67.71 | 68.57 |
| Pima spot 02-46 | 146.00 | 146.00 | 146.00 | 125.50 |
| Average price received by | | | | |
| upland producers | 69.70 | 71.40 | NA | 67.10 |
| Far Eastern cotton quotes: | | | | |
| A Index | 84.84 | 83.95 | 79.83 | 79.90 |
| Memphis/Eastern | 85.60 | 84.69 | 81.80 | 81.63 |
| Memphis/Orleans/Texas | 84.60 | 83.75 | 80.50 | 80.88 |
| California/Arizona | 87.85 | 86.50 | NQ | 83.50 |
| | | Dollars per | pound | |
| Wool prices (clean): | | | | |
| U.S. 58s | 3.35 | 3.19 | NQ | NQ |
| Australian 58s ¹ | NQ | 4.28 | 4.62 | 4.39 |
| U.S. 60s | 3.66 | 3.62 | 3.60 | NQ |
| Australian 60s ¹ | NQ | NQ | 5.03 | NQ |
| U.S. 64s | 4.29 | 4.20 | 4.55 | NQ |
| Australian 64s ¹ | 5.40 | 5.48 | 5.97 | 5.23 |

NA = Not available. NQ = No quote.

Sources: USDA, Cotton Price Statistics; Cotlook Ltd., Cotton Outlook; and trade reports.

¹In bond, Charleston, SC.

Table 6--U.S. textile imports, by fiber

| Table 6U.S. textile imports | s, by fiber | | | | | | |
|-----------------------------|--------------|-----------|-----------|-----------|--|--|--|
| | May | June | July | July | | | |
| Item | 2017 | 2017 | 2017 | 2016 | | | |
| | 1,000 pounds | | | | | | |
| Yarn, thread, and fabric: | 290,433 | 284,244 | 273,806 | 287,092 | | | |
| Cotton | 59,795 | 60,419 | 58,302 | 61,405 | | | |
| Linen | 21,767 | 19,500 | 17,526 | 19,065 | | | |
| Wool | 4,177 | 4,068 | 3,952 | 3,484 | | | |
| Silk | 687 | 649 | 777 | 670 | | | |
| Synthetic | 204,005 | 199,609 | 193,249 | 202,468 | | | |
| Apparel: | 902,073 | 962,198 | 1,137,920 | 1,135,412 | | | |
| Cotton | 476,713 | 502,248 | 576,625 | 579,542 | | | |
| Linen | 7,870 | 6,721 | 6,958 | 7,418 | | | |
| Wool | 19,639 | 21,821 | 32,286 | 34,529 | | | |
| Silk | 8,062 | 7,200 | 7,648 | 7,648 | | | |
| Synthetic | 389,789 | 424,207 | 514,403 | 506,274 | | | |
| Home furnishings: | 295,331 | 283,879 | 291,781 | 286,598 | | | |
| Cotton | 168,262 | 149,176 | 146,338 | 140,278 | | | |
| Linen | 1,308 | 1,460 | 1,480 | 1,101 | | | |
| Wool | 496 | 294 | 584 | 378 | | | |
| Silk | 168 | 271 | 215 | 196 | | | |
| Synthetic | 125,097 | 132,678 | 143,165 | 144,645 | | | |
| Floor coverings: | 98,944 | 93,410 | 94,167 | 88,656 | | | |
| Cotton | 11,726 | 11,019 | 11,139 | 10,163 | | | |
| Linen | 30,625 | 27,337 | 28,221 | 24,289 | | | |
| Wool | 12,016 | 11,533 | 10,306 | 11,498 | | | |
| Silk | 3,026 | 3,129 | 2,639 | 2,465 | | | |
| Synthetic | 41,551 | 40,393 | 41,862 | 40,243 | | | |
| Total imports: ¹ | 1,601,827 | 1,642,015 | 1,816,398 | 1,816,308 | | | |
| Cotton | 720,786 | 730,023 | 796,397 | 795,045 | | | |
| Linen | 63,147 | 56,305 | 55,381 | 52,885 | | | |
| Wool | 36,509 | 38,018 | 47,529 | 50,461 | | | |
| Silk | 11,944 | 11,248 | 11,283 | 10,979 | | | |
| Synthetic | 769,441 | 806,420 | 905,807 | 906,938 | | | |

Note: Raw-fiber-equivalent pounds. Data for 2016 are revised.

Sources: USDA, Economic Research Service and U.S. Department of Commerce,

U.S. Census Bureau.

¹Includes headgear.

Table 7--LLS textile exports by fiber

| Table 7U.S. textile exports, | | | | | | |
|------------------------------|--------------|---------|---------|---------|--|--|
| | May | June | July | July | | |
| Item | 2017 | 2017 | 2017 | 2016 | | |
| | 1,000 pounds | | | | | |
| Yarn, thread, and fabric: | 241,782 | 243,489 | 227,708 | 242,981 | | |
| Cotton | 128,624 | 127,274 | 124,564 | 135,617 | | |
| Linen | 6,520 | 6,565 | 5,654 | 5,944 | | |
| Wool | 2,739 | 2,875 | 2,133 | 2,637 | | |
| Silk | 1,150 | 1,334 | 925 | 1,013 | | |
| Synthetic | 102,749 | 105,441 | 94,431 | 97,771 | | |
| Apparel: | 25,748 | 30,039 | 27,899 | 25,443 | | |
| Cotton | 11,292 | 13,193 | 12,410 | 11,292 | | |
| Linen | 334 | 339 | 362 | 358 | | |
| Wool | 1,977 | 2,726 | 2,684 | 1,972 | | |
| Silk | 1,229 | 1,676 | 1,673 | 1,167 | | |
| Synthetic | 10,917 | 12,105 | 10,769 | 10,654 | | |
| Home furnishings: | 4,526 | 4,271 | 4,695 | 3,750 | | |
| Cotton | 2,213 | 2,074 | 2,401 | 1,830 | | |
| Linen | 131 | 140 | 116 | 147 | | |
| Wool | 83 | 69 | 78 | 81 | | |
| Silk | 82 | 87 | 73 | 101 | | |
| Synthetic | 2,017 | 1,901 | 2,027 | 1,591 | | |
| Floor coverings: | 27,163 | 25,348 | 24,607 | 23,844 | | |
| Cotton | 2,248 | 2,179 | 2,247 | 1,961 | | |
| Linen | 1,175 | 1,139 | 1,216 | 969 | | |
| Wool | 1,521 | 1,619 | 1,361 | 1,190 | | |
| Silk | 38 | 41 | 58 | 38 | | |
| Synthetic | 22,182 | 20,370 | 19,725 | 19,687 | | |
| Total exports: ¹ | 299,515 | 303,440 | 285,209 | 296,179 | | |
| Cotton | 144,477 | 144,817 | 141,729 | 150,767 | | |
| Linen | 8,172 | 8,195 | 7,361 | 7,423 | | |
| Wool | 6,330 | 7,299 | 6,268 | 5,886 | | |
| Silk | 2,499 | 3,138 | 2,730 | 2,318 | | |
| Synthetic | 138,037 | 139,991 | 127,122 | 129,785 | | |

Note: Raw-fiber-equivalent pounds. Data for 2016 are revised.

Sources: USDA, Economic Research Service and U.S. Department of Commerce,

U.S. Census Bureau.

¹Includes headgear.

Table 8--U.S. cotton textile imports, by origin

| | May | June | July | July | | |
|--------------------|--------------|---------|---------|---------|--|--|
| Region/country | 2017 | 2017 | 2017 | 2016 | | |
| | 1,000 pounds | | | | | |
| North America | 144,030 | 131,122 | 133,642 | 139,725 | | |
| Canada | 2,757 | 2,529 | 2,795 | 2,832 | | |
| Dominican Republic | 9,686 | 7,007 | 7,821 | 7,625 | | |
| El Salvador | 19,080 | 16,680 | 19,019 | 22,937 | | |
| Guatemala | 7,306 | 7,222 | 6,324 | 7,460 | | |
| Haiti | 12,007 | 8,684 | 9,348 | 10,429 | | |
| Honduras | 34,167 | 29,794 | 29,630 | 34,730 | | |
| Mexico | 39,682 | 41,794 | 39,264 | 37,884 | | |
| Nicaragua | 19,263 | 17,340 | 19,393 | 15,809 | | |
| South America | 3,871 | 4,305 | 3,751 | 3,981 | | |
| Colombia | 1,503 | 1,898 | 1,430 | 1,640 | | |
| Peru | 1,992 | 2,075 | 2,036 | 2,015 | | |
| Europe | 15,751 | 15,228 | 19,302 | 16,053 | | |
| Germany | 1,311 | 1,531 | 1,329 | 1,069 | | |
| Italy | 1,598 | 1,581 | 1,536 | 1,583 | | |
| Portugal | 1,482 | 1,501 | 1,810 | 1,947 | | |
| Turkey | 7,861 | 7,250 | 11,321 | 8,109 | | |
| Asia | 540,776 | 565,464 | 626,098 | 621,819 | | |
| Bahrain | 1,320 | 1,492 | 1,428 | 1,499 | | |
| Bangladesh | 50,972 | 57,142 | 61,098 | 61,014 | | |
| Cambodia | 11,553 | 12,857 | 18,412 | 16,406 | | |
| China | 219,182 | 246,271 | 273,609 | 284,675 | | |
| Hong Kong | 736 | 1,059 | 1,006 | 1,127 | | |
| India | 88,534 | 80,162 | 78,633 | 75,473 | | |
| Indonesia | 20,635 | 21,823 | 23,921 | 26,761 | | |
| Israel | 445 | 652 | 447 | 540 | | |
| Japan | 1,362 | 1,466 | 1,273 | 1,231 | | |
| Jordan | 3,682 | 4,230 | 3,586 | 4,157 | | |
| Malaysia | 2,743 | 2,140 | 3,160 | 2,752 | | |
| Pakistan | 63,465 | 57,555 | 64,467 | 58,517 | | |
| Philippines | 2,985 | 3,351 | 2,719 | 3,903 | | |
| South Korea | 5,202 | 6,216 | 5,277 | 6,527 | | |
| Sri Lanka | 6,074 | 6,329 | 8,108 | 7,629 | | |
| Taiwan | 1,837 | 1,796 | 1,814 | 1,879 | | |
| Thailand | 3,875 | 4,058 | 5,287 | 5,152 | | |
| Vietnam | 54,878 | 55,793 | 70,695 | 61,711 | | |
| Oceania | 41 | 37 | 45 | 39 | | |
| Africa | 16,317 | 13,867 | 13,558 | 13,428 | | |
| Egypt | 7,285 | 7,116 | 6,315 | 5,685 | | |
| Kenya | 2,545 | 1,795 | 1,784 | 2,210 | | |
| Lesotho | 2,992 | 2,083 | 2,414 | 2,515 | | |
| Mauritius | 630 | 621 | 937 | 1,054 | | |
| World ¹ | 720,786 | 730,023 | 796,397 | 795,045 | | |

Note: Raw-fiber-equivalent pounds. Data for 2016 are revised.

Sources: USDA, Economic Research Service and U.S. Department of Commerce, U.S. Census Bureau.

¹Regional totals may not sum to world totals due to rounding.

Table 9--U.S. cotton textile exports, by destination

| Region/country | May 2017 | June 2017 | July | July | |
|----------------------|--------------|--------------|---------|---------|--|
| Region/country | 2017 | 2017 | 2017 | 2016 | |
| | 1,000 pounds | | | | |
| North America | 119,601 | 122,293 | 121,474 | 128,648 | |
| Bahamas | 205 | 215 | 248 | 160 | |
| Canada | 9,751 | 10,441 | 9,873 | 9,017 | |
| Costa Rica | 125 | 274 | 139 | 278 | |
| Dominican Republic | 18,620 | 15,728 | 19,479 | 19,179 | |
| El Salvador | 2,850 | 4,939 | 7,552 | 2,825 | |
| Guatemala | 1,543 | 2,125 | 2,107 | 3,192 | |
| Haiti | 686 | 757 | 824 | 825 | |
| Honduras | 60,240 | 62,459 | 57,044 | 68,903 | |
| Mexico | 22,058 | 21,719 | 19,934 | 20,646 | |
| Nicaragua | 2,829 | 2,798 | 3,545 | 3,000 | |
| Panama | 281 | 365 | 278 | 194 | |
| South America | 5,276 | 4,502 | 3,712 | 3,609 | |
| Brazil | 323 | 433 | 354 | 257 | |
| Chile | 197 | 160 | 205 | 185 | |
| Colombia | 3,558 | 2,411 | 1,480 | 2,607 | |
| Peru | 902 | 1,130 | 1,413 | 351 | |
| Europe | 2,635 | 3,092 | 2,794 | 2,377 | |
| Belgium | 144 | 300 | 236 | 211 | |
| France | 127 | 90 | 96 | 86 | |
| Germany | 515 | 542 | 477 | 315 | |
| Italy | 248 | 184 | 325 | 236 | |
| Netherlands | 195 | 204 | 248 | 292 | |
| Spain | 75 | 56 | 50 | 64 | |
| Switzerland | 48 | 123 | 158 | 38 | |
| United Kingdom | 790 | 805 | 748 | 663 | |
| Asia | 12,261 | 10,593 | 10,877 | 13,047 | |
| China | 7,942 | 6,204 | 6,552 | 9,230 | |
| Hong Kong | 385 | 515 | 467 | 388 | |
| India | 236 | 231 | 136 | 175 | |
| Israel | 127 | 72 | 138 | 142 | |
| Japan | 602 | 769 | 993 | 990 | |
| Saudi Arabia | 97 | 70 | 76 | 101 | |
| Singapore | 158 | 170 | 184 | 92 | |
| South Korea | 635 | 501 | 395 | 439 | |
| Taiwan | 240 | 79 | 129 | 112 | |
| United Arab Emirates | 440 | 468 | 328 | 283 | |
| Vietnam | 306 | 598 | 836 | 502 | |
| Oceania | 575 | 551 | 450 | 584 | |
| Australia | 405 | 412 | 305 | 450 | |
| Africa | 4,130 | 3,786 | 2,423 | 2,501 | |
| Morocco | 3,857 | 3,395 | 2,106 | 2,332 | |
| World ¹ | 144,477 | 144,817 | 141,729 | 150,767 | |

Note: Raw-fiber-equivalent pounds. Data for 2016 are revised.

Sources: USDA, Economic Research Service and U.S. Department of Commerce, U.S. Census Bureau.

¹Regional totals may not sum to world totals due to rounding.

Table 10--Acreage, yield, and production estimates, 2017

| State/region | Planted | Harvested | Yield | Production |
|----------------|---------|-----------|----------------|-------------|
| | | | Pounds/ | |
| | 1,0 | 00 acres | harvested acre | 1,000 bales |
| Upland: | , | | | • |
| Alabama | 435 | 428 | 953 | 850 |
| Florida | 100 | 98 | 882 | 180 |
| Georgia | 1,290 | 1,280 | 1,013 | 2,700 |
| North Carolina | 375 | 365 | 980 | 745 |
| South Carolina | 250 | 245 | 960 | 490 |
| Virginia | 84 | 83 | 1,099 | 190 |
| Southeast | 2,534 | 2,499 | 990 | 5,155 |
| Arkansas | 445 | 438 | 1,096 | 1,000 |
| Louisiana | 220 | 215 | 1,027 | 460 |
| Mississippi | 630 | 625 | 1,152 | 1,500 |
| Missouri | 305 | 297 | 1,196 | 740 |
| Tennessee | 345 | 340 | 1,045 | 740 |
| Delta | 1,945 | 1,915 | 1,113 | 4,440 |
| | | | | |
| Kansas | 93 | 91 | 1,081 | 205 |
| Oklahoma | 580 | 555 | 848 | 980 |
| Texas | 6,900 | 5,900 | 757 | 9,300 |
| Southwest | 7,573 | 6,546 | 769 | 10,485 |
| Arizona | 160 | 158 | 1,574 | 518 |
| California | 91 | 90 | 1,776 | 333 |
| New Mexico | 69 | 55 | 873 | 100 |
| West | 320 | 303 | 1,507 | 951 |
| Total Upland | 12,372 | 11,263 | 896 | 21,031 |
| Pima: | | | | |
| Arizona | 15 | 15 | 894 | 27 |
| California | 210 | 208 | 1,528 | 662 |
| New Mexico | 8 | 7 | 800 | 12 |
| Texas | 14 | 13 | 998 | 26 |
| Total Pima | 247 | 242 | 1,441 | 727 |
| Total all | 12,619 | 11,505 | 908 | 21,758 |

Note: 1 bale = 480 pounds.

Source: USDA, National Agricultural Statistics Service, Crop Production report.