



Cotton and Wool Outlook

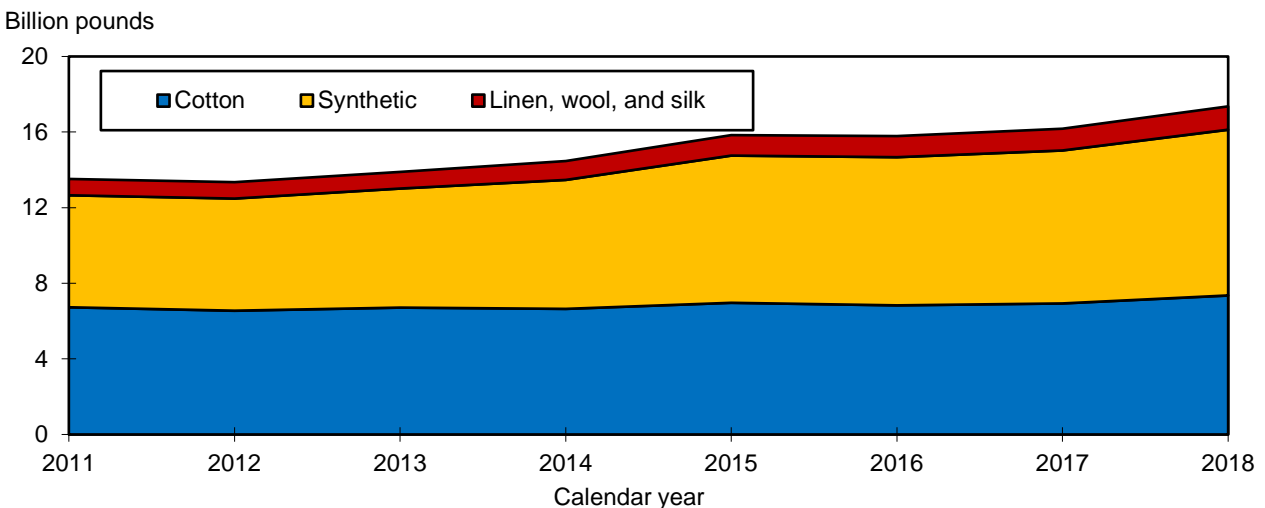
Leslie A. Meyer

Record 2018 U.S. Net Textile and Apparel Imports

U.S. net textile and apparel fiber imports rose to a second consecutive record in calendar 2018, as consumer demand for clothing increased with the expanding economy. Net imports in 2018 approached nearly 17.4 billion raw-fiber-equivalent pounds, 7 percent above 2017 (fig. 1). Total fiber product imports exceeded 20.8 billion pounds in 2018, compared with 19.7 billion pounds in 2017. At the same time, textile and apparel exports in 2018 reached 3.5 billion pounds, similar to the previous 2 years.

In 2018, synthetic product net imports increased for the 9th consecutive year, as continued growth in athleisure wear has increased demand for synthetics. For the 5th year in a row, synthetic fiber products accounted for the largest share of total net imports—surpassing cotton in 2014. In 2018, synthetic textile and apparel products contributed about 51 percent of the total, while cotton products provided 42 percent, and linen, wool, and silk combined for an additional 7 percent. Although cotton’s share of total net fiber product imports has steadily declined since 2007, its share equaled 50 percent as recently as 2011, when synthetics accounted for 44 percent.

Figure 1
U.S. net imports of textile and apparel fiber products



Note: Raw-fiber-equivalent pounds.

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

Domestic Outlook

U.S. Cotton Supply and Demand Unchanged in March

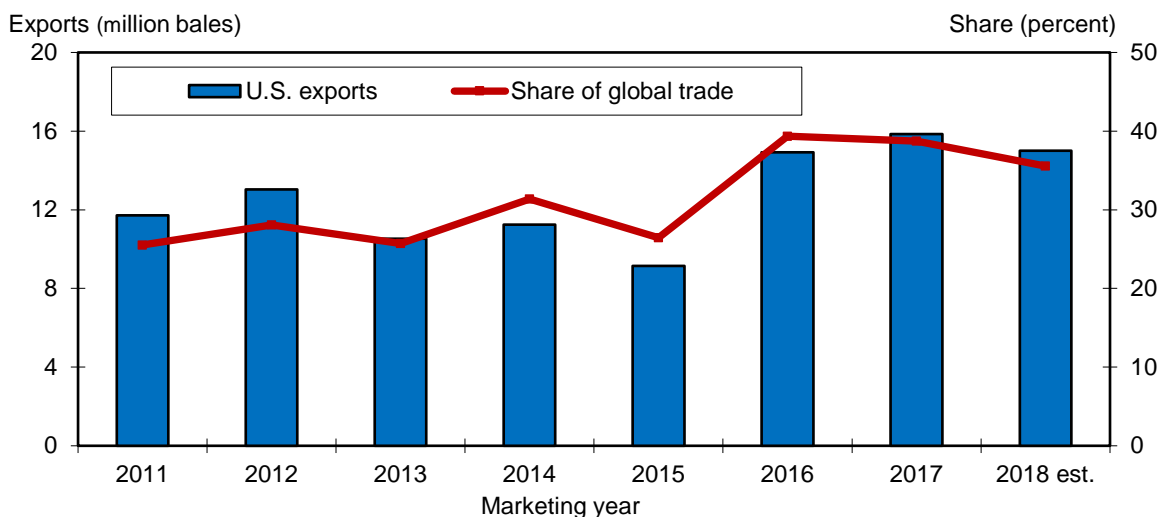
The U.S. cotton crop for 2018/19 remains estimated at 18.4 million bales (upland at 17.6 million bales and extra-long staple at 794,000 bales), 12 percent below the 2017 crop but the second highest since 2007/08. USDA will release the final U.S. cotton production estimate for the 2018 crop on May 10. Based on the current crop estimate and beginning stocks of 4.3 million bales, the 2018/19 cotton supply is projected at 22.7 million bales, 4 percent below last season but the second highest in a decade.

In March, 2018/19 U.S. cotton demand is projected at 18.2 million bales, below last season but similar to 2016/17. While U.S. cotton mill use is estimated at 3.2 million bales—down slightly from 2017/18—exports are forecast 5 percent below 2017/18 shipments at 15.0 million bales.

Through the first 6 months of 2018/19, U.S. textile mills used 1.5 million bales of cotton, compared with 1.6 million bales for the corresponding period of 2017/18. Consequently, mill use during the second half of the season is expected to improve slightly to reach the latest estimate. U.S. cotton exports are projected lower in 2018/19 due to a number of factors, including a reduced U.S. supply, increased competition from Brazil, and the uncertainty surrounding the U.S.-China trade negotiations. As a result, the U.S. share of global trade is forecast to decrease to about 36 percent—below the last two seasons but above the preceding 5 years (fig. 2).

U.S. cotton export commitments through the first 7 months of 2018/19 reached 13.0 million bales, compared with 14.5 million bales for the same period last season. Shipments during 2018/19 have totaled 6.2 million bales, or 41 percent of the export forecast. For the comparable period during 2017/18, cotton exports had reached 43 percent of final shipments. With the peak shipping season for U.S. cotton exports underway, cotton shipments reached a season high of about 400,000 bales for the week ending February 28. While this season's delayed harvest limited available supplies early for export, above-average shipments during the second half of 2018/19 are expected.

Figure 2
U.S. cotton exports and share of global trade



Note: 1 bale = 480 pounds.

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

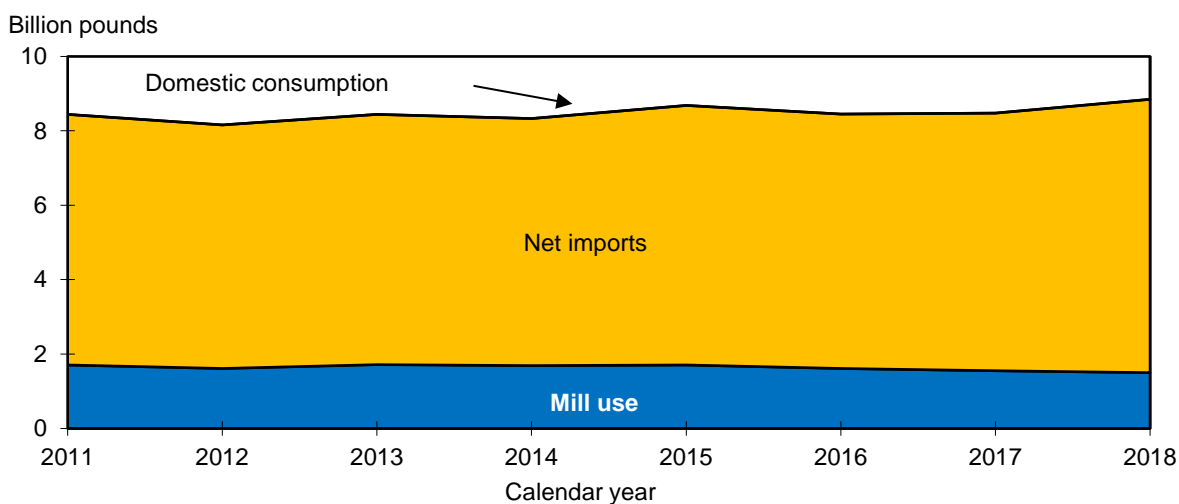
With U.S. cotton demand near production, 2018/19 U.S. ending stocks are projected at 4.3 million bales, the same as 2017/18. Based on the current supply and demand estimates, the 2018/19 stocks-to-use ratio is expected at nearly 24 percent, 1 percentage point above 2017/18 and the highest in 3 years. The average price received by U.S. upland cotton producers is expected to range between 69 cents and 71 cents per pound in 2018/19. At the midpoint of 70 cents per pound, U.S. cotton prices would be slightly above 2017 and the highest in 5 years.

U.S. Retail Cotton Consumption Expands in 2018

U.S. domestic cotton consumption (mill use plus net textile imports) increased 4 percent in calendar 2018 as consumer demand for cotton products reached its highest in 8 years. Retail consumption was estimated at nearly 8.9 billion (raw-fiber-equivalent) pounds, or 18.4 million bale-equivalents for the year (fig. 3). Although domestic cotton consumption has increased for 2 consecutive years, the 2018 estimate remains more than 18 percent below the calendar 2006 record of approximately 10.9 billion pounds.

U.S. cotton product imports and exports moved in opposite directions once again in 2018, as demand for synthetic products grew at a faster pace and limited cotton's growth. Cotton product imports approached 9.0 billion pounds in calendar year 2018, 4 percent higher than 2017 and the highest since 2010. At the same time, however, cotton product exports declined 3.5 percent to 1.6 billion pounds in 2018. Similarly, U.S. cotton mill use in calendar 2018 decreased to 1.5 billion pounds. Consequently, the U.S. per capita estimate of retail cotton consumption rose nearly 1 pound in 2018 to 27 pounds; however, U.S. cotton mill use contributed less than 5 pounds of the total as textile and apparel product manufacturing remains concentrated in low-wage-rate countries.

Figure 3
U.S. domestic consumption of cotton



Note: Raw-fiber-equivalent pounds.

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

International Outlook

World Cotton Production Lower in 2018/19

Global cotton production in 2018/19 is forecast at 118.9 million bales, 4 percent below last season but above the 5-year average of 113.2 million bales. World harvested area in 2018/19 is estimated slightly lower than the year before at 33.1 million hectares (81.8 million acres). Although returns for cotton were more favorable than those for many alternative crops—encouraging cotton plantings for 2018/19—weather issues in a number of countries, including the United States, increased abandonment and reduced harvested area. Meanwhile, the global yield is forecast at 782 kg per hectare (698 pounds per acre) in 2018/19, the second highest in 5 years.

Most major cotton producers are projected to harvest smaller crops in 2018/19; Brazil and China are the exceptions, however, with Brazil's crop projected higher and China's crop unchanged. In 2018/19, China is expected to become the leading cotton producer, as its crop is again estimated at 27.5 million bales. Despite a slight reduction in area, China's national yield is forecast at a record 1,787 kg per hectare, as a larger share of the crop is produced in western China where yields are significantly better than in eastern China. For India—the second largest producer—2018/19 cotton production is forecast at 27.0 million bales, 7 percent below last season but equal to 2016/17; along with lower area, reduced pickings associated with limited monsoon rainfall are projected to lower the yield 5 percent from 2017/18 to 480 kg per hectare and below the 5-year average of 517 kg per hectare.

For Brazil, a 32-percent increase in harvested area—to its highest since 1991/92—along with the second highest yield on record (1,640 kg per hectare) pushed the Brazilian cotton production estimate to a record. The crop is forecast at 11.75 million bales, 27 percent above 2017/18, as growing conditions have been favorable this season. In contrast, Pakistan and Australia are expecting smaller crops in 2018/19. For Pakistan, improved yields are projected to limit the effect of an 11-percent reduction in area; with only 2.4 million hectares of cotton in 2018/19—the lowest there since 1985/86—Pakistan's crop is forecast at 7.7 million bales, equal to 2016/17 production and one of the lowest of the 2000s. For Australia, a lack of rainfall in the cotton-producing regions reduced dryland area significantly and limited irrigation supplies for the remaining cotton. As a result, harvested area in Australia is forecast at 300,000 hectares, the lowest in 4 years, while the yield is expected to be 8 percent lower.

Global Cotton Trade Highest in 6 Years

World cotton trade is projected at 42.2 million bales in 2018/19, 3 percent above 2017/18, as global economic growth helps increase demand for cotton products. The higher demand is associated with increased cotton import demand by countries producing textile and apparel products. In 2018/19, Bangladesh, China, and Vietnam are forecast as the leading cotton importers. Bangladesh is projected to import 8.0 million bales in 2018/19, 5 percent higher. Meanwhile, China's cotton imports are expected to reach 7.5 million bales this season, up from 5.7 million bales in 2017/18. At the same time, Vietnam's cotton imports are expected to continue expanding, reaching 7.4 million bales in 2018/19, 7 percent above the previous year.

The export gains are primarily due to higher cotton shipments from Brazil—a result of their considerably larger supplies this season—as reductions are forecast for most of the other major

exporters. Brazil is the second largest exporter of cotton—behind only the United States—with cotton shipments projected at 6.0 million bales this season, its largest on record.

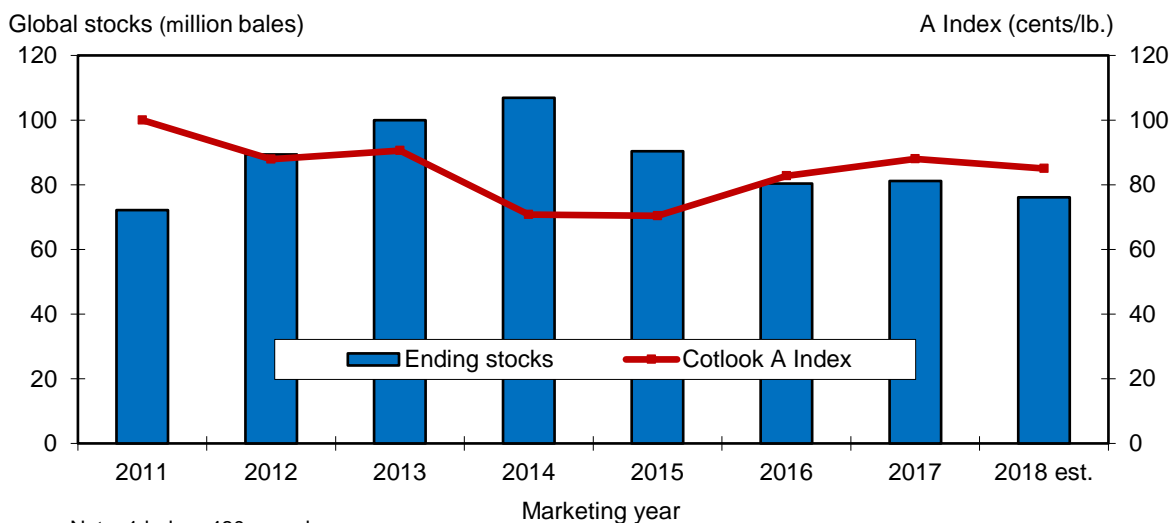
World Cotton Mill Use Expands; Stocks Reduced

Global cotton consumption in 2018/19 is projected at 123.6 million bales, 1 million bales above last season and the seventh consecutive annual increase. Cotton consumption is expected to increase 1 percent in 2018/19, following last season’s well-above-average 5.5-percent growth, but growth is mixed among the major consuming countries. China—the leading spinner of raw cotton—accounts for one-third of world cotton mill use. In 2018/19, China is projected to use 40.5 million bales of raw cotton, slightly below the 41.0 million bales estimated for last season as China’s economy expands at a slower pace and thus limits consumer demand there.

Meanwhile, cotton mill use in India is forecast to increase to 24.8 million bales in 2018/19, up 650,000 bales and similar to the 2015/16 season. In addition, higher cotton mill use is expected in Bangladesh and Vietnam, where 2018/19 consumption is forecast at 8.0 million bales (+7 percent) and 7.3 million bales (+11 percent), respectively. In contrast, cotton mill use in Pakistan (10.6 million bales) and Turkey (6.8 million bales) is projected to decrease from last season’s 9-year high in Pakistan and from a record in Turkey of 7.35 million bales.

With global cotton consumption forecast above production in 2018/19, world cotton stocks are projected to decrease 6 percent this season. Based on the March world cotton supply and demand estimates, 2018/19 global ending stocks are forecast at 76.1 million bales, 5 million bales lower than 2017/18 and the lowest in 7 years (fig. 4). The decline is largely attributable to a continued decrease in China’s stocks, which are expected 15 percent lower at 32.4 million bales, their lowest since 2011/12. With declines also seen in India and Pakistan and the U.S. stocks forecast unchanged, Brazil is the only major producer expected to increase stocks in 2018/19, rising 27 percent to 11 million bales this season. With global stocks declining in 2018/19, the stocks-to-use ratio is also expected to decrease; however, outside of China, both stocks and the stocks-to-use ratio are projected slightly higher this season. As a result, world cotton prices are expected to decline slightly in 2018/19.

Figure 4
Global cotton stocks and prices



Note: 1 bale = 480 pounds.

Sources: Cotlook and USDA, Interagency Commodity Estimates Committee.

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

Item	2017/18	2018/19		
		Jan.	Feb.	Mar.
<i>Million acres</i>				
Upland:				
Planted	12.465	NA	13.850	13.850
Harvested	10.850	NA	10.283	10.283
<i>Pounds</i>				
Yield/harvested acre	895	NA	821	821
<i>Million bales</i>				
Beginning stocks	2.686	NA	4.197	4.197
Production	20.223	NA	17.596	17.596
Total supply ¹	22.910	NA	21.798	21.798
Mill use	3.198	NA	3.175	3.175
Exports	15.211	NA	14.350	14.350
Total use	18.409	NA	17.525	17.525
Ending stocks ²	4.197	NA	4.078	4.078
<i>Percent</i>				
Stocks-to-use ratio	22.8	NA	23.3	23.3
<i>1,000 acres</i>				
Extra-long staple:				
Planted	252.5	NA	249.0	249.0
Harvested	250.4	NA	247.5	247.5
<i>Pounds</i>				
Yield/harvested acre	1,341	NA	1,540	1,540
<i>1,000 bales</i>				
Beginning stocks	64	NA	103	103
Production	700	NA	794	794
Total supply ¹	766	NA	897	897
Mill use	27	NA	25	25
Exports	636	NA	650	650
Total use	663	NA	675	675
Ending stocks ²	103	NA	222	222
<i>Percent</i>				
Stocks-to-use ratio	15.5	NA	32.9	32.9

Note: 1 bale = 480 pounds. NA = Not available due to the lapse in Federal funding.

¹Includes imports. ²Includes unaccounted.

Source: USDA, World Agricultural Outlook Board.

Last update: 03/12/19.

Table 2—World cotton supply and use estimates

Item	2017/18	2018/19		
		Jan.	Feb.	Mar.
<i>Million bales</i>				
Supply:				
Beginning stocks--				
World	80.40	NA	81.05	81.14
Foreign	77.65	NA	76.75	76.84
Production--				
World	123.78	NA	118.45	118.89
Foreign	102.86	NA	100.06	100.50
Imports--				
World	40.93	NA	42.31	42.18
Foreign	40.93	NA	42.30	42.17
Use:				
Mill use--				
World	122.58	NA	123.64	123.59
Foreign	119.35	NA	120.44	120.39
Exports--				
World	40.92	NA	42.32	42.18
Foreign	25.07	NA	27.32	27.18
Ending stocks--				
World	81.14	NA	75.50	76.09
Foreign	76.84	NA	71.20	71.79
<i>Percent</i>				
Stocks-to-use ratio:				
World	66.2	NA	61.1	61.6
Foreign	64.4	NA	59.1	59.6

Note: 1 bale = 480 pounds. NA = Not available due to the lapse in Federal funding.

Source: USDA, World Agricultural Outlook Board.

Last update: 03/12/19.

Table 3—U.S. fiber supply

Item	Nov. 2018	Dec. 2018	Jan. 2019	Jan. 2018
<i>1,000 bales</i>				
Cotton:				
Stocks, beginning	6,253	10,859	13,999	14,323
Ginnings	5,503	4,214	2,320	2,601
Imports since August 1	1.6	2.2	NA	1.7
<i>1,000 pounds</i>				
Wool and mohair:				
Raw wool imports, clean	449.3	328.9	NA	279.8
48s-and-finer	209.4	224.7	NA	174.5
Not-finer-than-46s	239.8	104.2	NA	105.3
Total since January 1	5,134.3	5,463.3	NA	279.8
Wool top imports	35.8	101.4	NA	198.7
Total since January 1	1,538.3	1,639.7	NA	198.7
Mohair imports, clean	0.0	0.0	NA	0.0
Total since January 1	0.0	0.0	NA	0.0

Note: 1 bale = 480 pounds. NA = Not available as of publication date.

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

Last update: 03/12/19.

Table 4—U.S. fiber demand

Item	Nov. 2018	Dec. 2018	Jan. 2019	Jan. 2018
	<i>1,000 bales</i>			
Cotton:				
All consumed by mills ¹	249	205	258	262
Total since August 1	1,025	1,230	1,488	1,602
Daily rate	11.3	9.7	11.2	11.4
Upland consumed by mills ¹	248	203	257	259
Total since August 1	1,017	1,221	1,477	1,588
Daily rate	11.3	9.7	11.2	11.3
Upland exports	610	811	1,063	1,400
Total since August 1	2,789	3,600	4,663	4,858
Sales for next season	185	80	119	410
Total since August 1	2,088	2,168	2,288	1,725
Extra-long staple exports	38.3	59.1	83.8	68.0
Total since August 1	113.3	172.3	256.2	252.4
Sales for next season	0.0	0.5	0.0	2.7
Total since August 1	28.7	29.2	29.2	39.5
	<i>1,000 pounds</i>			
Wool and mohair:				
Raw wool exports, clean	555.8	382.3	NA	535.1
Total since January 1	11,159.7	11,542.0	NA	535.1
Wool top exports	93.2	30.6	NA	99.2
Total since January 1	1,350.8	1,381.4	NA	99.2
Mohair exports, clean	83.7	104.6	NA	30.3
Total since January 1	506.4	611.0	NA	30.3

Note: 1 bale = 480 pounds. NA = Not available as of publication date.

¹Estimated by USDA.

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

Last update: 03/12/19.

Table 5—U.S. and world fiber prices

Item	Dec. 2018	Jan. 2019	Feb. 2019	Feb. 2018
<i>Cents per pound</i>				
Domestic cotton prices:				
Adjusted world price	69.15	64.99	62.84	69.91
Upland spot 41-34	72.66	68.72	67.17	75.24
Pima spot 02-46	129.55	125.00	124.74	147.25
Average price received by upland producers	72.70	65.30	NA	68.10
Far Eastern cotton quotes:				
A Index	87.50	82.37	80.79	87.90
Memphis/Eastern	89.67	84.55	82.94	89.63
Memphis/Orleans/Texas	88.67	82.80	81.19	87.88
California/Arizona	90.67	84.80	83.19	90.50
<i>Dollars per pound</i>				
Wool prices (clean):				
U.S. 58s	NQ	NQ	NQ	NQ
Australian 58s ¹	4.78	4.92	5.07	4.65
U.S. 60s	3.90	NQ	NQ	NQ
Australian 60s ¹	NQ	NQ	NQ	NQ
U.S. 64s	NQ	NQ	NQ	NQ
Australian 64s ¹	7.17	7.38	7.72	6.86

NA = Not available. NQ = No quote.

¹In bond, Charleston, SC.

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

Last update: 03/12/19.

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

Item	Nov. 2018	Dec. 2018	Jan. 2019	Jan. 2018
	<i>1,000 pounds</i>			
Yarn, thread, and fabric:	280,745	301,749	NA	291,059
Cotton	59,880	60,650	NA	59,620
Linen	22,276	23,274	NA	25,007
Wool	4,377	4,556	NA	3,875
Silk	716	669	NA	839
Synthetic	193,497	212,600	NA	201,718
Apparel:	952,238	900,861	NA	987,106
Cotton	496,727	468,667	NA	506,131
Linen	6,073	5,833	NA	8,497
Wool	23,146	18,984	NA	22,386
Silk	8,114	8,901	NA	9,178
Synthetic	418,178	398,476	NA	440,915
Home furnishings:	329,480	273,963	NA	272,524
Cotton	157,450	136,536	NA	144,515
Linen	2,157	1,871	NA	1,607
Wool	676	599	NA	377
Silk	259	248	NA	198
Synthetic	168,938	134,709	NA	125,828
Floor coverings:	105,790	118,652	NA	103,216
Cotton	12,828	13,077	NA	11,962
Linen	38,365	38,212	NA	31,613
Wool	10,557	11,690	NA	10,538
Silk	2,971	2,928	NA	3,342
Synthetic	41,069	52,746	NA	45,761
Total imports: ¹	1,684,068	1,612,516	NA	1,669,194
Cotton	730,027	683,043	NA	726,434
Linen	70,034	70,786	NA	68,099
Wool	39,054	36,038	NA	37,349
Silk	12,063	12,751	NA	13,557
Synthetic	832,890	809,898	NA	823,754

Note: Raw-fiber-equivalent pounds. NA = Not available as of publication date.

¹Includes headgear.

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

Last update: 03/12/19.

Table 7—U.S. textile exports, by fiber

Item	Nov. 2018	Dec. 2018	Jan. 2019	Jan. 2018
	<i>1,000 pounds</i>			
Yarn, thread, and fabric:	226,641	182,889	NA	217,939
Cotton	118,239	93,375	NA	115,600
Linen	6,539	5,020	NA	5,987
Wool	2,645	2,121	NA	2,138
Silk	945	757	NA	941
Synthetic	98,274	81,616	NA	93,272
Apparel:	27,866	23,662	NA	28,713
Cotton	11,550	9,205	NA	12,143
Linen	434	383	NA	449
Wool	3,089	2,549	NA	2,647
Silk	2,175	1,962	NA	1,999
Synthetic	10,618	9,563	NA	11,476
Home furnishings:	4,305	3,418	NA	4,379
Cotton	2,040	1,696	NA	2,137
Linen	195	94	NA	162
Wool	81	53	NA	89
Silk	76	34	NA	93
Synthetic	1,912	1,542	NA	1,898
Floor coverings:	24,240	20,835	NA	22,210
Cotton	1,994	1,769	NA	1,773
Linen	1,087	951	NA	907
Wool	1,480	1,486	NA	1,533
Silk	60	35	NA	41
Synthetic	19,618	16,594	NA	17,956
Total exports: ¹	283,465	231,103	NA	273,501
Cotton	133,947	106,153	NA	131,746
Linen	8,273	6,459	NA	7,514
Wool	7,312	6,221	NA	6,416
Silk	3,256	2,788	NA	3,073
Synthetic	130,676	109,482	NA	124,751

Note: Raw-fiber-equivalent pounds. NA = Not available as of publication date.

¹Includes headgear.

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

Last update: 03/12/19.

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

Region/country	Nov. 2018	Dec. 2018	Jan. 2019	Jan. 2018
	<i>1,000 pounds</i>			
North America	126,934	127,499	NA	105,618
Canada	2,754	2,625	NA	2,777
Dominican Republic	7,679	9,803	NA	5,057
El Salvador	13,701	14,733	NA	11,834
Guatemala	6,554	9,125	NA	6,907
Haiti	10,313	11,891	NA	7,651
Honduras	26,008	23,365	NA	19,150
Mexico	40,353	33,789	NA	33,707
Nicaragua	19,528	22,104	NA	18,480
South America	3,924	4,204	NA	4,283
Colombia	1,838	1,780	NA	2,118
Peru	1,858	2,102	NA	1,897
Europe	16,816	14,852	NA	14,422
Germany	1,142	1,243	NA	943
Italy	1,574	1,451	NA	1,464
Portugal	1,819	1,487	NA	1,592
Turkey	9,400	8,133	NA	7,820
Asia	565,866	521,221	NA	586,211
Bahrain	1,526	1,226	NA	1,175
Bangladesh	51,003	49,357	NA	57,656
Cambodia	16,215	15,203	NA	17,873
China	233,993	227,920	NA	249,597
Hong Kong	615	387	NA	1,125
India	86,497	70,149	NA	77,789
Indonesia	20,537	19,918	NA	22,378
Israel	504	468	NA	615
Japan	1,115	958	NA	1,207
Jordan	4,144	4,948	NA	5,529
Malaysia	2,373	2,418	NA	2,285
Pakistan	63,094	55,877	NA	59,538
Philippines	2,774	2,024	NA	3,240
South Korea	5,592	3,948	NA	5,087
Sri Lanka	8,633	7,255	NA	8,910
Taiwan	1,342	1,170	NA	1,566
Thailand	5,102	4,575	NA	4,628
Vietnam	59,770	52,455	NA	64,360
Oceania	67	49	NA	80
Africa	16,420	15,218	NA	15,821
Egypt	5,952	6,897	NA	7,817
Kenya	2,779	2,231	NA	2,648
Lesotho	3,025	2,359	NA	1,741
Madagascar	1,945	1,259	NA	1,608
Mauritius	689	446	NA	755
World ¹	730,027	683,043	NA	726,434

Note: Raw-fiber-equivalent pounds. NA = Not available as of publication date.

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

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

Last update: 03/12/19.

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

Region/country	Nov. 2018	Dec. 2018	Jan. 2019	Jan. 2018
	<i>1,000 pounds</i>			
North America	114,829	89,733	NA	111,660
Bahamas	175	106	NA	175
Canada	7,507	5,899	NA	8,560
Costa Rica	273	158	NA	117
Dominican Republic	17,916	13,752	NA	16,838
El Salvador	7,562	5,748	NA	9,793
Guatemala	1,863	2,869	NA	2,491
Haiti	561	435	NA	486
Honduras	53,415	40,005	NA	47,599
Mexico	20,409	16,577	NA	21,824
Nicaragua	4,253	3,514	NA	3,179
Panama	244	111	NA	152
South America	4,671	3,301	NA	4,436
Brazil	487	551	NA	230
Chile	179	169	NA	178
Colombia	2,773	1,544	NA	2,576
Peru	837	782	NA	1,225
Europe	3,878	2,744	NA	2,678
Belgium	598	269	NA	328
France	129	102	NA	163
Germany	436	342	NA	362
Italy	378	398	NA	230
Netherlands	340	340	NA	360
Spain	73	54	NA	80
United Kingdom	1,337	756	NA	607
Asia	7,357	6,713	NA	9,967
Bangladesh	1	249	NA	289
China	1,719	1,545	NA	5,138
Hong Kong	522	545	NA	373
India	296	225	NA	358
Israel	186	55	NA	143
Japan	756	1,049	NA	588
Singapore	189	150	NA	125
South Korea	671	655	NA	590
Taiwan	100	87	NA	178
United Arab Emirates	339	325	NA	420
Vietnam	1,801	1,073	NA	1,023
Oceania	721	609	NA	368
Australia	509	492	NA	258
Africa	2,491	3,053	NA	2,637
Morocco	2,286	2,785	NA	2,439
World ¹	133,947	106,153	NA	131,746

Note: Raw-fiber-equivalent pounds. NA = Not available as of publication date.

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

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

Last update: 03/12/19.

Table 10--Acreage, yield, and production estimates, 2018

State/region	Planted	Harvested	Yield	Production
	-- 1,000 acres --		Pounds/ harvested acre	1,000 bales
Upland:				
Alabama	510	500	826	860
Florida	117	90	640	120
Georgia	1,430	1,350	693	1,950
North Carolina	430	410	820	700
South Carolina	300	240	728	440
Virginia	98	97	965	195
Southeast	2,885	2,737	748	4,265
Arkansas	485	480	1,150	1,150
Louisiana	195	192	1,025	410
Mississippi	620	615	1,116	1,430
Missouri	325	322	1,245	835
Tennessee	360	355	1,055	780
Delta	1,985	1,964	1,125	4,605
Kansas	165	154	1,066	342
Oklahoma	780	565	637	750
Texas	7,750	4,600	720	6,900
Southwest	8,695	5,319	721	7,992
Arizona	160	159	1,328	440
California	48	47	1,879	184
New Mexico	77	57	926	110
West	285	263	1,340	734
Total Upland	13,850	10,283	821	17,596
Pima:				
Arizona	14	14	994	29
California	210	209	1,649	718
New Mexico	7	7	823	12
Texas	18	18	960	35
Total Pima	249	248	1,540	794
Total all	14,099	10,531	838	18,390

Note: 1 bale = 480 pounds.

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

Last update: 03/12/19.

Table 11--Annual U.S. cotton textile imports, by origin

Region/country	2014	2015	2016	2017	2018
<i>1,000 pounds</i>					
North America	1,672,337	1,715,941	1,594,765	1,553,807	1,569,061
Canada	34,514	37,248	35,104	33,436	35,566
Dominican Republic	85,574	96,384	99,986	95,046	109,522
El Salvador	229,127	229,513	218,593	207,606	176,528
Guatemala	96,572	100,171	88,477	83,977	96,747
Haiti	152,043	162,012	139,982	122,797	137,802
Honduras	342,844	373,303	344,628	326,873	305,516
Mexico	528,849	505,105	467,192	459,274	467,189
Nicaragua	198,444	211,969	200,023	223,989	239,338
South America	48,585	50,298	47,887	50,106	52,452
Colombia	18,839	21,765	20,330	21,344	23,892
Peru	26,755	25,306	23,918	24,530	25,122
Europe	163,646	169,488	185,178	205,675	203,382
Italy	20,658	19,983	18,487	17,866	18,350
Portugal	18,339	19,765	20,717	23,981	24,882
Turkey	78,282	82,408	96,219	112,889	113,137
Asia	6,336,309	6,714,103	6,571,292	6,653,098	6,974,918
Bahrain	20,170	20,841	21,156	16,095	15,513
Bangladesh	564,743	641,082	644,779	636,001	687,743
Cambodia	216,179	209,160	179,524	177,084	204,870
China	2,680,196	2,810,226	2,755,109	2,796,980	2,927,389
India	776,556	871,469	906,317	954,929	1,004,949
Indonesia	305,500	303,292	280,149	268,266	263,453
Japan	15,503	16,007	15,015	14,984	14,097
Jordan	51,700	50,881	47,605	51,558	57,342
Malaysia	37,008	38,677	32,559	30,319	30,422
Pakistan	732,593	752,707	707,978	697,772	721,715
Philippines	49,261	49,856	41,640	35,994	35,495
South Korea	69,418	68,214	66,194	61,266	63,188
Sri Lanka	94,034	99,313	93,141	92,355	91,896
Taiwan	26,336	26,770	23,056	21,166	17,721
Thailand	70,897	63,882	56,545	51,675	57,206
Vietnam	595,411	657,379	668,844	713,732	748,629
Oceania	760	449	554	523	707
Africa	174,106	170,172	158,706	165,891	187,727
Egypt	87,675	85,559	71,333	77,061	83,041
Kenya	28,944	27,938	26,876	24,715	29,720
Lesotho	28,821	29,256	26,924	26,322	28,258
World ¹	8,395,744	8,820,451	8,558,382	8,629,100	8,988,247

Note: Raw-fiber-equivalent pounds.

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

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

Last update: 03/12/19.

Table 12--Annual U.S. cotton textile exports, by destination

Region/country	2014	2015	2016	2017	2018
<i>1,000 pounds</i>					
North America	1,541,584	1,577,310	1,444,923	1,425,803	1,400,548
Bahamas	1,836	1,997	2,017	2,797	2,169
Canada	123,326	116,537	105,037	112,707	92,089
Costa Rica	3,699	3,789	3,065	2,569	2,601
Dominican Republic	247,601	235,021	222,506	218,545	231,083
El Salvador	116,016	106,140	49,235	78,138	99,088
Guatemala	27,930	27,483	32,591	24,955	27,120
Haiti	10,266	10,195	8,280	9,499	7,407
Honduras	651,257	720,031	724,854	680,180	623,142
Mexico	329,731	317,186	256,338	253,158	261,439
Nicaragua	21,757	30,909	32,433	34,899	44,726
Panama	2,851	2,831	2,873	2,914	3,527
South America	57,474	61,936	55,814	61,795	60,169
Brazil	5,439	4,743	3,246	4,230	5,517
Chile	2,545	2,483	2,445	2,321	2,294
Colombia	28,552	34,687	36,517	35,318	33,679
Peru	11,116	14,662	9,604	15,590	14,654
Europe	35,754	39,915	37,451	32,414	35,323
Belgium	3,620	4,126	3,413	2,990	3,827
Germany	5,682	5,590	4,144	5,542	5,376
Italy	2,145	2,743	2,368	2,468	2,965
Netherlands	3,611	3,132	3,175	2,701	3,853
United Kingdom	10,721	11,208	9,096	8,666	9,485
Asia	113,278	143,849	140,362	134,075	96,515
Bangladesh	208	5,399	794	3,331	3,249
China	69,263	94,307	95,373	77,004	30,255
Hong Kong	5,604	5,973	5,200	4,825	5,533
India	2,369	2,684	2,463	3,305	3,223
Japan	10,893	10,988	9,787	9,648	10,941
Singapore	2,165	1,928	1,575	1,919	2,472
South Korea	5,793	6,175	5,819	6,737	9,564
Taiwan	1,947	1,711	1,662	1,725	1,798
United Arab Emirates	3,964	3,148	3,670	4,327	3,993
Vietnam	1,741	1,952	4,339	10,935	14,035
Oceania	7,591	7,160	5,958	6,584	7,202
Australia	5,550	5,334	4,495	5,013	5,401
Africa	3,553	18,393	34,078	36,733	38,213
Morocco	162	15,335	30,649	33,216	35,451
World ¹	1,759,241	1,848,566	1,718,585	1,697,404	1,637,970

Note: Raw-fiber-equivalent pounds.

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

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

Last update: 03/12/19.