



# Cotton and Wool Outlook

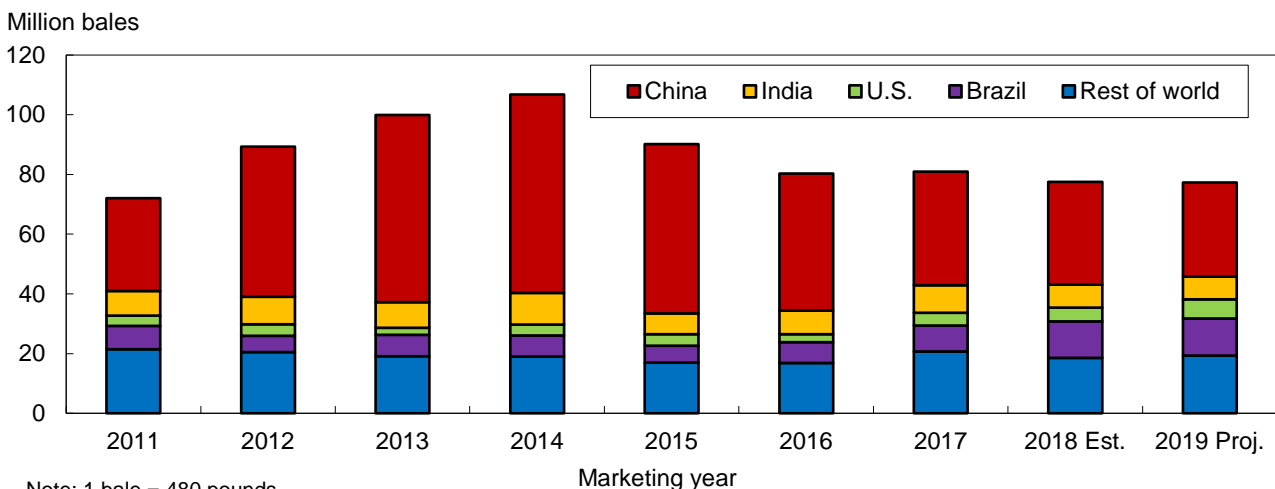
Leslie A. Meyer

## Global Cotton Stocks Projected Lowest Since 2011/12

The latest U.S. Department of Agriculture (USDA) cotton projections for 2019/20 indicate that world cotton ending stocks are forecast at their lowest in 8 years. Global stocks are projected at 77.3 million bales for 2019/20, marginally below 2018/19 but 29.5 million bales below the record set just 5 years ago (fig. 1). World stocks totaled 106.7 million bales at the end of 2014/15, with China accounting for 62 percent of the total. Government policies in China resulted in surplus stock accumulations in their national reserve, but subsequent policies reduced these supplies and have led to lower global stocks.

For 2019/20, cotton stocks in China are forecast lower at 31.5 million bales—41 percent of the world total. Outside of China, cotton stocks are expected to rise 6 percent to nearly 46 million bales, with stock increases in Brazil and the United States largely accounting for the gain. For Brazil, stocks are projected to reach a record 12.5 million bales (16 percent of the total) in 2019/20, resulting from an estimated record crop for 2018/19 and another large crop projected for 2019/20. For the United States, cotton stocks are forecast at 6.4 million bales, the highest since 2007/08.

Figure 1  
Global cotton ending stocks



Note: 1 bale = 480 pounds.

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

# Domestic Outlook

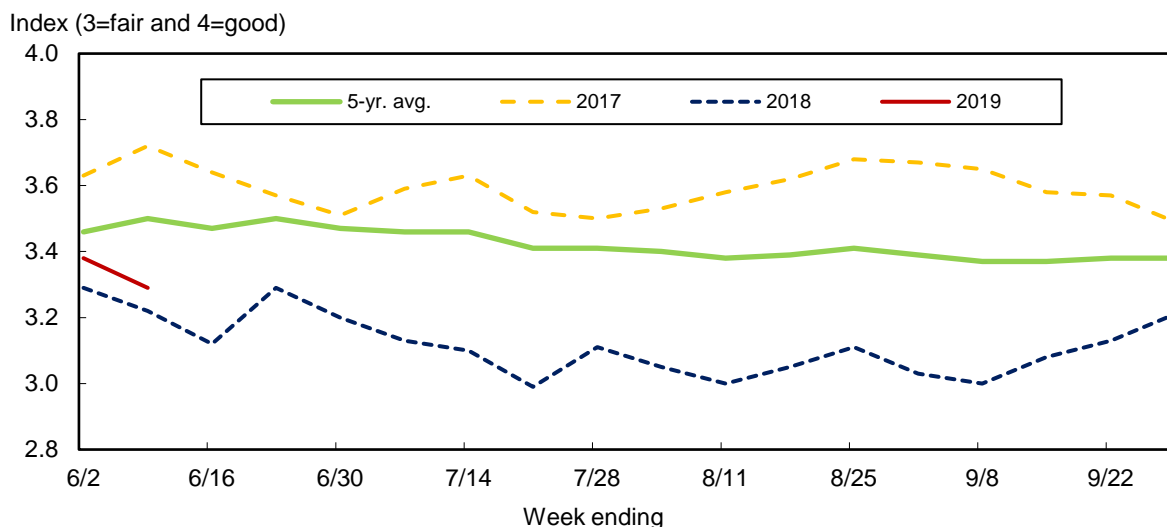
## U.S. Cotton Production Forecast Unchanged in June

USDA's 2019 U.S. cotton production projection remains at 22.0 million bales in June, 20 percent (3.6 million bales) above the 2018 crop. Planting conditions have been less than ideal this spring, with planting delays affected by drought in the Southeast and excessive rainfall in the Delta. With planting still in progress, the weather effects on area and yield remain tentative.

The U.S. planting estimate of nearly 13.8 million acres will be updated in USDA's *Acreage* report released on June 28. The report will include actual plantings as of early June, as well as estimates of any remaining cotton to be planted. As of June 9, only 75 percent of the expected cotton acreage had been planted, compared with last season's 88 percent and the 2014-18 average of 87 percent. In addition, 11 percent of the cotton area was squaring by June 9, 3 percentage points below 2018 but equal to the 5-year average. Meanwhile, reporting of U.S. cotton crop conditions have also begun, with early indications confirming the less than favorable start to the 2019 growing season. As of early June, cotton crop conditions are slightly above last season but below the 5-year average (fig. 2).

Based on current projections, U.S. cotton harvested area is forecast at 12.5 million acres in 2019, reflecting a 10-year weighted-average abandonment by region, with the Southwest adjusted to indicate favorable moisture conditions. U.S. abandonment is projected at 9 percent, the lowest in three seasons. The 2019 U.S. cotton yield (842 pounds per harvested acre) is based on a 5-year weighted average by region. USDA's National Agricultural Statistics Service will begin "in field" surveys in August.

Figure 2  
**U.S. cotton crop conditions**



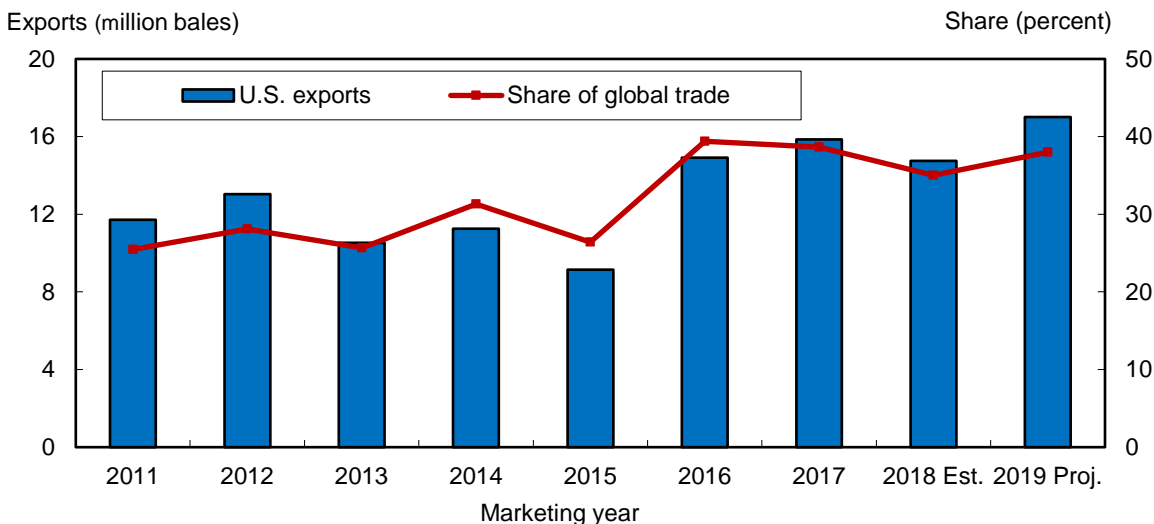
Source: USDA, *Crop Progress* reports.

## Demand and Stock Estimates Also Unchanged

U.S. cotton demand for 2019/20 is projected at 20.1 million bales—unchanged from the May forecast—compared with the 2018/19 estimate of nearly 17.9 million bales. The higher forecast for 2019/20 is attributable to exports, which are expected to increase more than 2 million bales due to increased foreign import demand associated with projected record global cotton mill use and an anticipated rise in U.S. supplies. For 2019/20, U.S. cotton exports are forecast at 17.0 million bales, approximately 2.3 million bales above the 2018/19 estimate and would account for nearly 85 percent of total U.S. demand. However, U.S. exports—which are forecast to be the second highest on record behind 2005/06—are likely to face competition from Brazil in 2019/20 as their supplies also expand. Based on these export projections, the U.S. share of world trade is expected to improve from 35 percent in 2018/19 to 38 percent in 2019/20, similar to the 3-year average (fig. 3). Meanwhile, U.S. cotton mill use remains estimated at 3.1 million bales for both 2018/19 and 2019/20.

Based on USDA's June supply and demand estimates, 2019/20 U.S. cotton ending stocks are projected at 6.4 million bales, nearly 1.8 million bales (38 percent) above the beginning level and the highest since 2007/08 when ending stocks were 10.1 million bales. Similar to stocks, the stocks-to-use ratio is also expected to increase; in 2019/20, the stocks-to-use ratio—which has ranged between 14 percent and 30 percent over the past decade—is projected at 32 percent, the highest in 11 years. As a result, the 2019/20 U.S. average upland farm price is expected to decrease from 70 cents per pound estimated for 2018/19 to 64 cents per pound.

Figure 3  
**U.S. cotton exports and share of global trade**



Note: 1 bale = 480 pounds.

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

# International Outlook

---

## World Cotton Production To Rise in 2019/20

Global cotton production in 2019/20 is forecast at 125.3 million bales, 5 percent (nearly 6.5 million bales) above the previous year and the second largest crop on record behind 2011/12's 127.2 million bales. Larger production is forecast for a number of the major-producing countries in 2019/20, led by the United States (+3.6 million bales) and India (+2.5 million bales). For 2019/20, India is forecast to return as the leading cotton-producing country, supplanting China, which had surpassed India in 2018/19. For 2019/20, India's cotton crop is projected at 28.5 million bales—10 percent above the previous year—as both higher area and yield are expected. India is forecast to account for 23 percent of the world's cotton production in 2019/20.

Production in China is projected unchanged in 2019/20 at 27.75 million bales, as slightly lower area is offset by a higher national yield of 1,751 kg/hectare (1,562 pounds per acre); cotton production is concentrated in the high-yielding Xinjiang region in northwestern China, where approximately 80 percent of the crop is grown. Cotton production in Pakistan is forecast at 8.0 million bales in 2019/20, 4 percent (300,000 bales) above 2018/19, as a rebound in area and a nearly unchanged yield lift the crop above the 3-year average.

Meanwhile, cotton production in Brazil and Australia is expected to decrease in 2019/20 as lower area and yield are projected. For Brazil, production is forecast at 12.0 million bales, 6 percent (800,000 bales) below the record 2018/19 crop currently being harvested. For 2019/20, lower cotton prices are expected to reduce area slightly while yield declines from the record set in 2018/19—1,747 kg/hectare (1,558 pounds per acre). For Australia, production is forecast at 1.9 million bales, 21 percent (500,000 bales) below the 2018/19 crop, as low reservoir levels are expected to help reduce area and yield to their lowest in 5 years and 3 years, respectively.

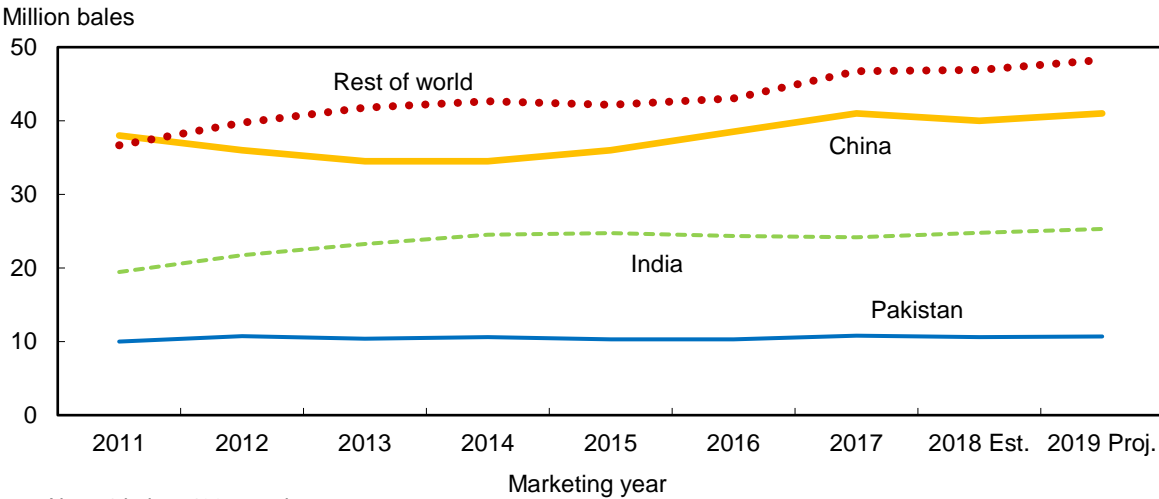
World cotton harvested area in 2019/20 is projected at about 34.5 million hectares (85.1 million acres), nearly 4 percent above 2018/19. The global cotton yield is forecast at 792 kg/hectare (706 pounds per acre) in 2019/20, slightly above the previous year but similar to the average of the last 2 years.

## Global Cotton Mill Use and Trade Expected Higher in 2019/20

World cotton mill use is projected at a record 125.3 million bales in 2019/20, nearly 3 million bales (2.4 percent) above 2018/19, resulting from expectations for growth in the global economy and lower cotton prices. If realized, global cotton mill use would surpass the 2006/07 level of 124.2 million bales. China and India remain the largest users of raw cotton, with a combined total of 66.3 million bales, or 53 percent of the global total projected for 2019/20.

Cotton mill use in China is forecast at 41.0 million bales in 2019/20, 1.0 million bales (2.5 percent) above 2018/19 but equal to 2017/18 (fig. 4). Textile mills in China are expected to have access to cotton from the national reserve as well as imported cotton that is forecast at its highest in 6 years. For India, cotton mill use is projected to rise 500,000 bales (2 percent) to a record 25.3 million bales in 2019/20; India's mill use—aided by yarn exports to China—is forecast to return to its upward trend of the past decade.

Figure 4  
**Global cotton mill use**



Note: 1 bale = 480 pounds.

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

For Pakistan, 2019/20 cotton mill use is projected to rebound slightly to 10.7 million bales, one of the largest levels of the decade. Rising mill use is also seen in several other countries that are important to global cotton consumption growth. Combined mill use for countries outside of China, India, and Pakistan is projected to expand for the fourth consecutive season in 2019/20 to a record 48.3 million bales. Among these other countries, Bangladesh, Vietnam, and Turkey are expected to lead the way with cotton mill use forecast to reach 8.3 million bales (+3.8 percent), 7.5 million bales (+5.6 percent), and 6.7 million bales (+1.5 percent), respectively.

Global cotton trade is forecast higher and expected to approach 44.8 million bales in 2019/20, 6 percent above the 2018/19 estimate and the highest since 2012/13. Increased exportable supplies for the United States and Brazil are expected to support higher shipments from the two largest exporters. While U.S. cotton exports are expected to rise 15 percent to 17.0 million bales in 2019/20, shipments from Brazil are forecast to increase 41 percent to a record 8.2 million bales. Exports from India are forecast at 4.8 million bales (+600,000 bales) in 2019/20, while shipments from Australia are projected to decrease significantly (-2.4 million bales) to 1.8 million bales as supplies decline dramatically due to production shortfalls.

Meanwhile, higher import projections for most of the leading importing countries are forecast for 2019/20. China—the leading importer—is expected to import 10.5 million bales of raw cotton, 20 percent above the 2018/19 level and the highest since 2013/14. As sales from the national reserve have slowed, the growth in cotton mill use has prompted the need for increased imports. Similarly, imports by Bangladesh and Vietnam are expected higher in 2019/20, as textile industries in these countries expand as well. For Bangladesh, cotton imports are forecast at 8.3 million bales (+300,000 bales) in 2019/20, while Vietnam’s imports reach 7.6 million bales (+500,000 bales). In contrast, imports for Turkey and Pakistan are projected to decrease slightly in 2019/20 due mainly to larger crops.

With world cotton mill use and production forecast at nearly identical levels, stocks are about unchanged in 2019/20. Global stocks are projected at 77.3 million bales at the end of 2019/20, marginally below the beginning level and their lowest in 8 years. Meanwhile, the global stocks-to-use ratio is forecast to decline for the fifth consecutive season, reaching 62 percent in 2019/20, the lowest since 2010/11.

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

Item	2017/18	2018/19	2019/20	
			May	June
<i>Million acres</i>				
Upland:				
Planted	12.465	13.850	13.525	13.525
Harvested	10.850	9.957	12.289	12.289
<i>Pounds</i>				
Yield/harvested acre	895	847	830	830
<i>Million bales</i>				
Beginning stocks	2.686	4.197	4.418	4.418
Production	20.223	17.566	21.250	21.250
Total supply <sup>1</sup>	22.910	21.765	25.673	25.673
Mill use	3.198	3.075	3.070	3.070
Exports	15.211	14.100	16.350	16.350
Total use	18.409	17.175	19.420	19.420
Ending stocks <sup>2</sup>	4.197	4.418	6.098	6.098
<i>Percent</i>				
Stocks-to-use ratio	22.8	25.7	31.4	31.4
<i>1,000 acres</i>				
Extra-long staple:				
Planted	252.5	250.3	255.0	255.0
Harvested	250.4	248.8	252.0	252.0
<i>Pounds</i>				
Yield/harvested acre	1,341	1,545	1,428	1,428
<i>1,000 bales</i>				
Beginning stocks	64	103	232	232
Production	700	801	750	750
Total supply <sup>1</sup>	766	907	982	982
Mill use	27	25	30	30
Exports	636	650	650	650
Total use	663	675	680	680
Ending stocks <sup>2</sup>	103	232	302	302
<i>Percent</i>				
Stocks-to-use ratio	15.5	34.4	44.4	44.4

Note: 1 bale = 480 pounds.

<sup>1</sup>Includes imports. <sup>2</sup>Includes unaccounted.

Source: USDA, World Agricultural Outlook Board.

Last update: 06/13/19.

Table 2—World cotton supply and use estimates

Item	2017/18	2018/19	2019/20	
			May	June
<i>Million bales</i>				
Supply:				
Beginning stocks--				
World	80.31	80.94	76.47	77.53
Foreign	77.56	76.64	71.82	72.88
Production--				
World	123.78	118.87	125.45	125.32
Foreign	102.86	100.50	103.45	103.32
Imports--				
World	41.02	42.46	45.35	44.74
Foreign	41.02	42.45	45.35	44.74
Use:				
Mill use--				
World	122.68	122.31	125.93	125.27
Foreign	119.45	119.21	122.83	122.17
Exports--				
World	41.02	42.10	45.35	44.75
Foreign	25.17	27.35	28.35	27.75
Ending stocks--				
World	80.94	77.53	75.69	77.26
Foreign	76.64	72.88	69.29	70.86
<i>Percent</i>				
Stocks-to-use ratio:				
World	66.0	63.4	60.1	61.7
Foreign	64.2	61.1	56.4	58.0

Note: 1 bale = 480 pounds.

Source: USDA, World Agricultural Outlook Board.

Last update: 06/13/19.

Table 3—U.S. fiber supply

Item	Feb. 2019	Mar. 2019	Apr. 2019	Apr. 2018
<i>1,000 bales</i>				
Cotton:				
Stocks, beginning	14,915	14,218	12,780	12,748
Ginnings	826	523	0	0
Imports since August 1	2.3	2.3	2.3	2.7
<i>1,000 pounds</i>				
Wool and mohair:				
Raw wool imports, clean	784.0	1,158.3	787.8	624.8
48s-and-finer	514.7	878.4	630.1	556.1
Not-finer-than-46s	269.3	280.0	157.7	68.6
Total since January 1	1,055.8	2,214.1	3,001.9	1,670.9
Wool top imports	138.6	197.4	180.3	77.4
Total since January 1	314.5	511.9	692.2	436.6
Mohair imports, clean	0.0	0.0	0.0	0.0
Total since January 1	0.0	0.0	0.0	0.0

Note: 1 bale = 480 pounds.

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

Last update: 06/13/19.



Table 4—U.S. fiber demand

Item	Feb. 2019	Mar. 2019	Apr. 2019	Apr. 2018
	<i>1,000 bales</i>			
Cotton:				
All consumed by mills <sup>1</sup>	222	255	244	276
Total since August 1	1,711	1,966	2,211	2,419
Daily rate	11.1	12.2	11.1	13.1
Upland consumed by mills <sup>1</sup>	220	253	242	273
Total since August 1	1,698	1,951	2,193	2,398
Daily rate	11.0	12.1	11.0	13.0
Upland exports	1,217	1,640	1,490	1,920
Total since August 1	5,880	7,520	9,010	10,276
Sales for next season	94	485	292	967
Total since August 1	2,382	2,867	3,159	3,884
Extra-long staple exports	84.1	66.5	58.9	44.6
Total since August 1	340.3	406.7	465.6	477.3
Sales for next season	1.5	5.6	10.0	0.3
Total since August 1	30.7	36.3	46.3	45.9
	<i>1,000 pounds</i>			
Wool and mohair:				
Raw wool exports, clean	316.5	385.1	1,011.4	716.4
Total since January 1	432.2	817.3	1,828.7	2,395.1
Wool top exports	57.1	126.1	79.0	129.9
Total since January 1	178.5	304.5	383.5	500.1
Mohair exports, clean	0.0	0.0	31.5	60.4
Total since January 1	0.0	0.0	31.5	121.1

Note: 1 bale = 480 pounds.

<sup>1</sup>Estimated 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: 06/13/19.

Table 5—U.S. and world fiber prices

Item	Mar. 2019	Apr. 2019	May 2019	May 2018
<i>Cents per pound</i>				
Domestic cotton prices:				
Adjusted world price	65.40	68.75	62.62	76.17
Upland spot 41-34	69.78	72.27	64.05	82.40
Pima spot 02-46	120.00	120.00	120.00	140.16
Average price received by upland producers	68.80	70.30	NA	69.60
Far Eastern cotton quotes:				
A Index	84.38	87.14	80.56	94.95
Memphis/Eastern	86.38	88.69	81.70	98.30
Memphis/Orleans/Texas	84.75	87.44	80.45	96.60
California/Arizona	86.63	88.94	81.95	99.10
<i>Dollars per pound</i>				
Wool prices (clean):				
U.S. 58s	NQ	NQ	3.90	4.06
Australian 58s <sup>1</sup>	5.30	5.51	NQ	5.56
U.S. 60s	NQ	5.32	4.76	5.40
Australian 60s <sup>1</sup>	NQ	NQ	NQ	NQ
U.S. 64s	NQ	NQ	5.75	6.03
Australian 64s <sup>1</sup>	7.54	7.45	7.11	7.26

NA = Not available. NQ = No quote.

<sup>1</sup>In bond, Charleston, SC.

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

Last update: 06/13/19.

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

Item	Feb. 2019	Mar. 2019	Apr. 2019	Apr. 2018
	<i>1,000 pounds</i>			
Yarn, thread, and fabric:	255,411	272,973	280,803	281,336
Cotton	51,691	56,911	61,835	55,145
Linen	24,049	24,990	23,339	22,522
Wool	3,799	4,101	4,308	4,131
Silk	415	482	482	512
Synthetic	175,457	186,488	190,839	199,026
Apparel:	942,583	842,544	866,618	833,069
Cotton	486,438	451,804	451,366	441,178
Linen	10,512	9,856	10,258	8,677
Wool	18,550	16,412	17,588	17,477
Silk	11,722	9,538	11,462	8,789
Synthetic	415,362	354,934	375,944	356,948
Home furnishings:	267,658	223,488	261,036	240,013
Cotton	142,745	135,911	146,997	139,526
Linen	1,702	1,206	1,737	1,609
Wool	432	471	562	335
Silk	256	157	252	168
Synthetic	122,523	85,742	111,489	98,375
Floor coverings:	92,308	103,328	94,234	104,228
Cotton	11,070	13,555	11,173	11,754
Linen	34,269	38,203	33,866	34,031
Wool	8,405	9,847	9,549	10,601
Silk	1,982	2,710	1,904	2,732
Synthetic	36,582	39,014	37,741	45,111
Total imports: <sup>1</sup>	1,570,604	1,453,008	1,514,390	1,469,649
Cotton	695,148	661,046	674,089	651,100
Linen	71,652	75,283	70,230	67,727
Wool	31,309	30,996	32,183	32,686
Silk	14,382	12,888	14,101	12,201
Synthetic	758,114	672,795	723,787	705,935

Note: Raw-fiber-equivalent pounds.

<sup>1</sup>Includes headgear.

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

Last update: 06/13/19.

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

Item	Feb. 2019	Mar. 2019	Apr. 2019	Apr. 2018
	<i>1,000 pounds</i>			
Yarn, thread, and fabric:	215,078	235,759	220,477	249,438
Cotton	112,047	124,216	112,520	130,658
Linen	5,283	5,839	5,744	6,635
Wool	2,426	2,585	2,501	2,512
Silk	1,004	1,083	1,089	1,149
Synthetic	94,318	102,037	98,623	108,484
Apparel:	29,287	32,529	30,963	28,175
Cotton	11,366	11,921	12,444	10,990
Linen	391	692	600	545
Wool	2,765	3,222	2,760	2,791
Silk	2,122	2,619	2,397	2,066
Synthetic	12,644	14,074	12,761	11,783
Home furnishings:	3,259	4,975	4,730	4,578
Cotton	1,641	2,209	2,301	2,318
Linen	120	198	168	104
Wool	39	49	65	66
Silk	42	87	81	47
Synthetic	1,416	2,432	2,116	2,044
Floor coverings:	21,117	23,337	22,970	27,181
Cotton	1,865	2,016	2,101	2,081
Linen	958	1,075	1,183	1,034
Wool	1,230	1,176	1,497	1,409
Silk	45	56	46	34
Synthetic	17,019	19,013	18,144	22,623
Total exports: <sup>1</sup>	268,941	296,793	279,429	309,656
Cotton	127,017	140,446	129,475	146,154
Linen	6,758	7,810	7,705	8,327
Wool	6,464	7,036	6,832	6,790
Silk	3,213	3,846	3,612	3,296
Synthetic	125,489	137,655	131,804	145,089

Note: Raw-fiber-equivalent pounds.

<sup>1</sup>Includes headgear.

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

Last update: 06/13/19.

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

Region/country	Feb. 2019	Mar. 2019	Apr. 2019	Apr. 2018
	<i>1,000 pounds</i>			
North America	118,421	132,119	126,764	121,397
Canada	2,883	3,016	2,579	3,135
Dominican Republic	11,659	9,776	6,252	9,205
El Salvador	12,655	14,294	13,557	11,649
Guatemala	7,137	7,873	9,243	7,553
Haiti	9,574	13,539	13,066	11,999
Honduras	22,668	26,062	26,136	22,568
Mexico	35,217	37,830	37,596	36,895
Nicaragua	16,562	19,630	18,254	18,348
South America	4,603	4,937	4,167	4,399
Colombia	2,357	1,964	1,787	2,033
Peru	2,006	2,684	2,133	2,021
Europe	16,068	17,367	16,389	16,751
Germany	1,308	1,224	1,438	1,034
Italy	1,589	2,054	1,798	1,535
Portugal	1,778	1,720	1,332	1,522
Turkey	8,919	9,454	9,107	9,851
Asia	542,301	489,373	510,593	492,689
Bahrain	1,306	1,189	1,087	1,265
Bangladesh	58,927	67,490	55,917	53,831
Cambodia	15,707	17,198	15,535	16,311
China	219,361	131,777	117,119	167,670
Hong Kong	588	327	413	450
India	79,334	94,774	92,444	84,573
Indonesia	21,644	21,335	19,666	22,443
Israel	596	449	450	490
Japan	964	1,170	1,131	1,219
Jordan	4,927	7,044	5,309	5,608
Malaysia	2,605	2,080	1,971	2,148
Pakistan	55,957	65,574	60,840	58,267
Philippines	2,176	3,371	2,758	2,527
South Korea	4,206	5,794	5,452	5,050
Sri Lanka	8,001	7,945	6,700	6,972
Taiwan	1,320	1,185	1,351	1,526
Thailand	4,337	4,665	4,202	4,372
Vietnam	59,549	54,737	57,166	56,125
Oceania	24	62	60	39
Africa	13,731	17,188	16,116	15,825
Egypt	6,201	7,639	6,741	7,544
Kenya	2,227	3,280	3,118	2,148
Lesotho	1,409	1,245	1,776	2,290
Madagascar	1,406	1,781	1,315	1,413
Mauritius	738	808	714	785
World <sup>1</sup>	695,148	661,046	674,089	651,100

Note: Raw-fiber-equivalent pounds.

<sup>1</sup>Regional 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: 06/13/19.

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

Region/country	Feb. 2019	Mar. 2019	Apr. 2019	Apr. 2018
	<i>1,000 pounds</i>			
North America	109,777	123,025	111,468	126,196
Bahamas	159	167	77	269
Canada	6,199	7,887	8,817	7,321
Costa Rica	299	266	163	143
Dominican Republic	18,244	21,149	17,823	21,946
El Salvador	7,214	8,804	7,261	10,408
Guatemala	2,253	1,768	1,537	2,537
Haiti	559	1,030	719	879
Honduras	51,435	56,679	51,334	54,117
Mexico	18,680	19,712	18,956	23,549
Nicaragua	3,862	4,770	3,978	4,259
Panama	317	289	327	239
South America	4,423	3,435	3,629	5,111
Brazil	276	309	274	399
Chile	221	122	284	144
Colombia	2,813	1,852	1,738	2,511
Peru	878	825	907	1,775
Europe	4,028	3,053	3,940	3,020
Belgium	345	408	1,311	385
France	100	146	93	101
Germany	626	505	448	394
Italy	327	208	345	169
Netherlands	387	286	201	329
Spain	36	135	78	123
United Kingdom	1,482	757	901	798
Asia	5,168	7,567	6,500	7,141
Bangladesh	3	2	10	213
China	971	989	1,162	1,885
Hong Kong	306	650	416	555
India	108	310	178	208
Israel	123	152	97	105
Japan	934	1,151	1,087	840
Singapore	102	157	256	195
South Korea	594	870	696	1,016
Taiwan	106	137	147	138
United Arab Emirates	396	459	439	421
Vietnam	783	1,860	1,352	702
Oceania	532	587	663	541
Australia	463	458	580	392
Africa	3,089	2,777	3,276	4,144
Morocco	2,676	2,514	3,077	3,952
World <sup>1</sup>	127,017	140,446	129,475	146,154

Note: Raw-fiber-equivalent pounds.

<sup>1</sup>Regional 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: 06/13/19.

Table 10--Final 2018 U.S. cotton acreage, yield, and production

State/region	Planted	Harvested	Yield	Production
	-- 1,000 acres --		Pounds/ harvested acre	1,000 bales
Upland:				
Alabama	510	497	858	888
Florida	117	93	532	103
Georgia	1,430	1,305	719	1,955
North Carolina	430	415	812	702
South Carolina	300	275	733	420
Virginia	98	97	896	181
Southeast	2,885	2,682	760	4,249
Arkansas	485	480	1,133	1,133
Louisiana	195	189	1,067	420
Mississippi	620	615	1,141	1,462
Missouri	325	322	1,373	921
Tennessee	360	355	1,041	770
Delta	1,985	1,961	1,152	4,706
Kansas	165	152	1,077	341
Oklahoma	780	550	595	682
Texas	7,750	4,350	756	6,850
Southwest	8,695	5,052	748	7,873
Arizona	160	159	1,319	437
California	48	47	1,910	187
New Mexico	77	56	977	114
West	285	262	1,352	738
Total Upland	13,850	9,957	847	17,566
Pima:				
Arizona	15	15	943	29
California	211	210	1,662	727
New Mexico	7	7	812	12
Texas	18	18	933	34
Total Pima	250	249	1,545	801
Total all	14,100	10,206	864	18,367

Note: 1 bale = 480 pounds.

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

Last update: 06/13/19.