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Outlook

Cotton and Wool Outlook

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Record World Cotton Consumption Continues Growth

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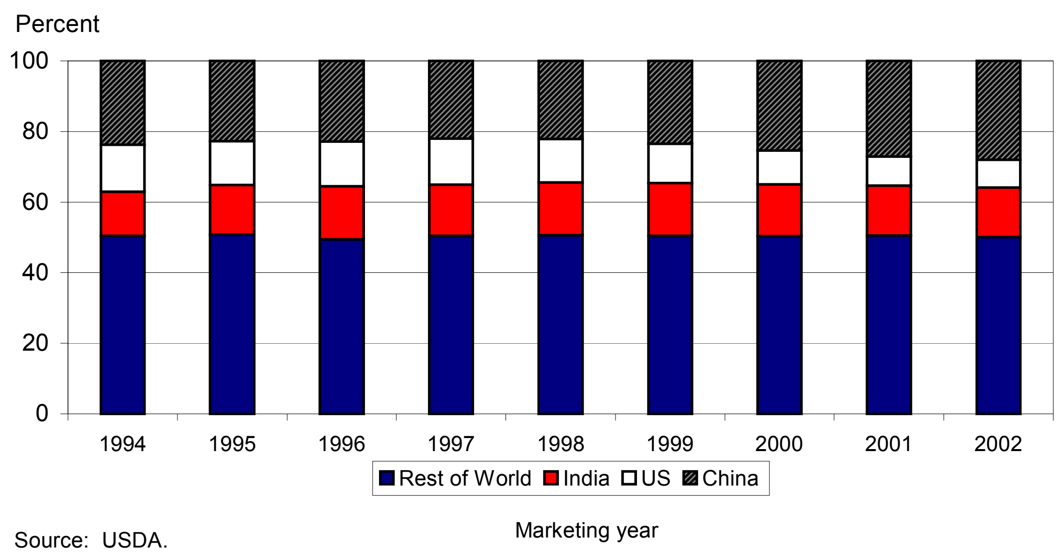
The next release is February 12, 2002

Approved by the World Agricultural Outlook Board.

The latest United States Department of Agriculture (USDA) cotton forecast for 2002/03 indicates that a record global cotton usage is expected for the fourth consecutive season. World cotton consumption was increased slightly this month to 96.4 million bales, 2.5 percent above last season. An increase in foreign cotton consumption this month is projected to more than offset the reduction made in U.S. mill use.

While U.S. mill use is in its fourth season of decline and its lowest level since 1986/87, cotton consumption in several foreign countries—particularly China—have seen significant increases. Although China, India, and the United States still account for half of the world's consumption of raw cotton, the shares have shifted recently. The U.S. share of world cotton consumption has declined from 13 percent in 1997 to about 8 percent this season. At the same time, India's share remains around 14 percent but China's share has risen 6 percentage points over the last 5 years to 28 percent.

Figure 1
World cotton consumption shares



Source: USDA.

Domestic Outlook

Cotton Production Forecast Lowered

The December USDA *Crop Production* report estimated the 2002 U.S. cotton crop at 17.4 million bales, 2.5 percent (440,000 bales) below last month's projection and nearly 3 million below last season's record. Upland production is forecast at 16.7 million bales—15 percent below 2001/02—while the extra-long staple (ELS) crop is projected at 645,000 bales—8 percent below last season's record.

Over the last 20 years, the December forecast has been above final cotton production 10 times and below 10 times. In addition, past differences between the December forecast and the final production estimate indicate that chances are two out of three for the 2002 U.S. cotton crop to range between 17.1 and 17.7 million bales.

Compared with last month, reductions in the Southeast cotton crop accounted for most of the decline, while small reductions were seen in the Delta and Southwest regions. Production in the Southeast is currently forecast at 3.6 million bales, 2 million below last season and the lowest in 3 years as a result of weather problems. In the Delta, the cotton crop is estimated at 5.7 million bales, slightly below November but 17 percent below last season. In the Southwest, the upland crop is forecast at 5.3 million bales, the highest in 5 years. For the West, upland production is estimated at 2.1 million bales as the regional yield remains at a record.

Total cotton harvested area is estimated at 12.9 million acres, or an abandonment rate of about 11 percent. Based on this harvested area, the national yield is estimated at 648 pounds per harvested acre, equal to the 5-year average but well below last season's 705 pounds. The weather problems that have reduced yields have also delayed harvest and ginnings. As of December 1st, only 12.7 million 480-pound bales had been ginned, the lowest since 1998 and compared with 16 million last season.

Mill Use Estimate Revised, Exports Unchanged

The U.S. cotton mill consumption projection for 2002/03 was lowered this month to 7.5 million bales, 200,000 below the November estimate and the lowest since 1986/87. The 200,000-bale reduction reflects current mill activity and recent cotton textile and apparel import data. U.S. raw cotton exports, however, remain forecast at 10.8 million bales as foreign import demand remains above last season while production falls significantly. The U.S. share of world trade this season is expected to remain near a year ago at approximately 37 percent.

Based on these cotton supply and demand estimates, 2002/03 U.S. ending stocks are projected at 6.5 million bales, 300,000 below a month ago and nearly 1 million below last season. The stocks-to-use ratio is estimated at 35.5 percent, the lowest since 1999/2000.

Textile Trade Drops in September, Deficit Rises

Textile imports declined in September to 1.5 billion pounds after increasing the previous 6 months. Imports fell 6 percent from a month earlier but were 26 percent above September 2001. Imports of all major end-uses were lower compared with a month earlier. Imports of cotton, wool, and manmade textiles also declined from August 2002. Cotton textile imports, at 783 million pounds, were down 7 percent from the previous month but 30 percent above September 2001. On a regional basis most of the September decline occurred in Asian and North American countries. Lower shipments from major suppliers such as China, Bangladesh, India, and Mexico accounted for the majority of the decrease.

Textile exports also declined in September. Shipments, at 395 million pounds, were 7 percent below August but 2 percent above a year ago. Exports of all major fibers, except linen, and all major end-uses declined from a month earlier. Cotton textile exports, at 187 million pounds, were 5 percent below August 2002. U.S. shipments to Mexico, at 57 million pounds, were 8 percent below August.

The cumulative January-September 2002 trade deficit reached 7.7 billion pounds, compared with 6.6 billion for the corresponding 2001 period. Total imports, at 11.4 billion pounds, were 10 percent above last year while exports declined 3 percent to 3.7 billion. The 9-month cotton textile trade deficit, at 4.7 billion pounds, was 14 percent above 2001. With rising textile imports and declining exports, the total and cotton trade deficit will likely reach a record in 2002.

2002/03 Foreign Ending Stocks 900,000 Bales Lower from November

Foreign cotton ending stocks in 2002/03 are forecast nearly 900,000 bales lower than in November. An increase in consumption forecasts for 2002/03 account for the largest share of this reduction in ending stocks, with foreign consumption estimated 375,000 bales higher than were estimated a month earlier. Foreign production in 2002/03 is estimated 285,000 bales lower this month, while imports and exports are about unchanged. Foreign beginning stocks for 2002/03 are estimated 100,000 bales lower than they were in November, as foreign imports in 2001/02 are revised slightly downward.

At 32.3 million bales, foreign ending stocks of cotton in 2002/03 are forecast 7.6 million bales lower than in 2001/02. Foreign consumption in 2002/03 is forecast 2.5 million bales higher than the year before, at 88.9 million bales. However, the biggest change foreseen from the year before is foreign production, which at 70 million bales is forecast 8 million bales lower than in 2001/02. In each case—ending stocks, consumption, and production—China accounts for more than half of the forecasted annual change. Similarly, foreign imports are expected to rise 2.5 million bales from the previous year's level in 2002/03, while China's imports are expected to rise by 1.5 million. China's exports are expected to rise about 400,000 bales from the year before, equaling more than 60 percent of the expected increase in foreign exports in 2002/03.

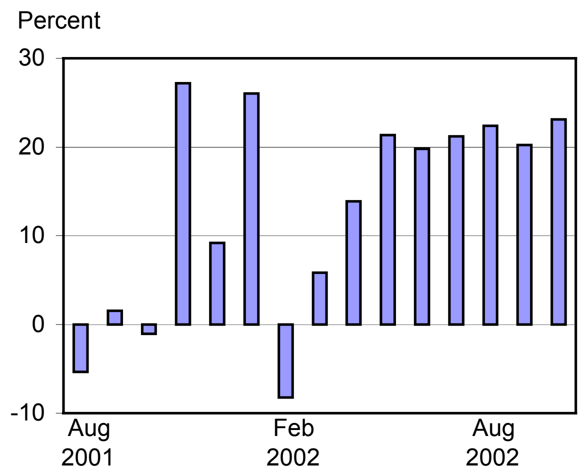
China's 2002/03 cotton consumption is estimated at 250,000 bales higher than the month before. At a record 27 million bales, China's consumption is expected to account for 28 percent of global use, compared with 22 percent in 1997/98. During this same time, the U.S. share of cotton consumption fell from 13 percent to 7.7 percent. China's yarn production (including all fibers) in October exceeded the amount reported a year earlier by 23 percent, the seventh consecutive month of such double-digit percentage gains. China's last growth spurt resulted in eight consecutive months of double-digit gains (February-October 2000), and there hasn't been another increase so prolonged since a 17-month run that ended in January 1987.

Recently China's purchases of U.S. cotton have accelerated, and non-U.S. purchases have grown as well. China's purchases mean USDA's 2-million-bale import forecast for China in 2002/03 is now supported by actual sales activity, as well as by analysis of China's supply and demand situation. The timing of sales activity and the runup in China's domestic prices might even suggest that USDA's estimate is too low. However, China's 2002/03 crop is reportedly late, and producers are reportedly delaying sales in some cases. This suggests that China's interest in imports may decline as the marketing year progresses.

U.S. exports to China should rise substantially from the year before in 2002/03, as indicated by sales to date. However, U.S. exports to the rest of the world will have to be substantially higher than current commitments suggest if the United States is going to export 10.8 million bales forecast by USDA. Traditional seasonal sales patterns suggest a much lower forecast for U.S. 2002/03 exports, given sales through late November. However, the last few years have seen changes in long-standing seasonal patterns of sales and shipments. U.S. sales to a number of destinations have been accelerating recently. The volume of weekly sales needed for the rest of the year to achieve 10.8 million bales of exports is consistent with the needs of foreign buyers.

Figure 2

China's yarn output: Monthly change from year before



Source: Economic Research Service, USDA.

Contacts and Links

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Data

Monthly tables from ***Cotton and Wool Outlook*** are available in Excel (.xls) spreadsheets at http://www.ers.usda.gov/briefing/cotton/Data/data.htm. These tables contain the latest data on the production, use, imports, exports, prices, and textile trade of cotton and other fibers.

Reports from the Economic Research Service

The 2002 Farm Bill: Provisions and Economic Implications, a side-by-side comparison of the new farm bill with 1996-2001 farm legislation, is available at http://www.ers.usda.gov/Features/FarmBill/.

U.S. Cotton and the Appreciation of the Dollar, http://www.ers.usda.gov/publications/agoutlook/april2002/ao290c.pdf explains how the strong U.S. dollar has exacerbated the difficulties facing the U.S. cotton and textile industries, and examines some of the sources of the U.S. dollar's fluctuation.

The Agreement on Textiles and Clothing: Impact on U.S. Cotton, http://www.ers.usda.gov/briefing/cotton/textilesandclothings.pdf, focuses on the new global trade rules that World Trade Organization members agreed to follow beginning in 2005, and the potential impacts on textile, apparel, and cotton production in the United States and around the world.

Related Websites

Cotton Briefing Room, http://www.ers.usda.gov/briefing/cotton/
WASDE, http://usda.mannlib.cornell.edu/reports/waobr/wasde-bb/

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

Item	2001/02	2002/03 Oct.	2002/03 Nov.	2002/03 Dec.
		Million acres		
Upland:				
Planted	15.499	14.116	14.116	14.116
Harvested	13.560	12.620	12.620	12.620
		Pounds		
Yield/harvested acre	694	663	653	636
		Million 480-lb bales		
Beginning stocks	5.880	7.278	7.098	7.098
Production	19.603	17.435	17.180	16.730
Total supply 1/	25.488	24.723	24.288	23.838
Mill use	7.617	7.785	7.595	7.395
Exports	10.603	10.525	10.325	10.300
Total use	18.220	18.310	17.920	17.695
Ending stocks 2/	7.098	6.408	6.412	6.127
		Percent		
Stocks-to-use ratio	39.0	35.0	35.8	34.6
Extra-long staple:		1,000 acres		
Planted	270	265	265	265
Harvested	268	241	241	241
		Pounds		
Yield/harvested acre	1,254	1,263	1,263	1,283
		1,000 480-lb bales		
Beginning stocks	121	322	328	328
Production	700	635	635	645
Total supply 1/	837	972	978	988
Mill use	104	115	105	105
Exports	397	475	475	500
Total use	501	590	580	605
Ending stocks 2/	328	392	388	373
		Percent		
Stocks-to-use ratio	65.5	66.4	67.0	61.7

Based on USDA estimates. 1/ Includes imports. 2/ Includes unaccounted.

Last update: 12/11/02.

Table 2--World cotton supply and use estimates

Item	2001/02	2002/03 Oct.	2002/03 Nov.	2002/03 Dec.
	Million 480-lb bales			
Supply:				
Beginning stocks				
World	42.70	47.34	47.49	47.39
Foreign	36.70	39.74	40.07	39.97
Production				
World	98.35	88.50	88.14	87.41
Foreign	78.05	70.43	70.32	70.04
Imports				
World	29.45	30.18	29.88	29.85
Foreign	29.43	30.15	29.85	29.82
Use:				
Mill use				
World	94.07	96.41	96.22	96.39
Foreign	86.34	88.51	88.52	88.89
Exports				
World	28.99	29.91	29.45	29.45
Foreign	17.99	18.91	18.65	18.65
Ending stocks				
World	47.39	39.83	40.00	38.84
Foreign	39.97	33.03	33.20	32.34
Stocks-to-use ratio	Percent			
World	50.4	41.3	41.6	40.3
Foreign	46.3	37.3	37.5	36.4

Based on USDA estimates.

Last update: 12/11/02.

Table 3--U.S. fiber supply

Item	2002 Aug.	2002 Sep.	2002 Oct.	2001 Oct.
Cotton:				
Ginnings	551	1,141	5,171	6,918
Imports since August 1	2.9	9.6	NA	0.6
Stocks, beginning	7,426	6,676	6,652	4,983
At mills	477	507	530	371
Public storage	6,647	6,022	5,925	4,525
CCC stocks	977	858	1,111	864
Manmade:				
Production	749.4	693.7	768.6	731.9
Noncellulosic	749.4	693.7	768.6	725.8
Cellulosic	NA	NA	NA	6.1
Total since January 1	5,911.8	6,605.5	7,374.1	7,237.9
	2002 July	2002 Aug.	2002 Sep.	2001 Sep.
Raw fiber imports	149.0	147.1	141.7	129.1
Noncellulosic	143.7	142.0	136.2	124.7
Cellulosic	5.3	5.1	5.5	4.4
Total since January 1	1,033.6	1,180.7	1,322.4	1,118.6
Wool and mohair:				
Raw wool imports, clean	1,640.3	1,183.7	1,854.5	2,025.7
48s-and-finer	652.9	177.0	367.1	656.8
Not-finer-than-46s	987.4	1,006.6	1,487.4	1,368.9
Total since January 1	13,943.2	15,126.9	16,981.4	30,136.7
Wool top imports	262.6	302.1	314.9	217.1
Total since January 1	1,671.6	1,973.8	2,288.7	3,765.3
Mohair imports, clean	0	0	0	0
Total since January 1	0	0	0	0

NA = Not available.

Last update: 12/11/02.

Table 4--U.S. cotton system fiber consumption

Item	2002 Aug.	2002 Sep.	2002 Oct.	2001 Oct.
Cotton:		1,000 480-lb bales		
All consumed by mills 1/	654	642	686	714
Total since August 1 1/	654	1,297	1,982	2,073
SA annual rate 2/	7,380	7,565	7,331	7,582
SA daily rate 2/	28.3	29.0	28.1	29.1
Daily rate	29.7	30.6	29.8	31.0
Upland consumed by mills 1/	645	634	674	702
Total since August 1 1/	645	1,279	1,953	2,040
SA daily rate 2/	27.9	28.6	27.6	28.5
Daily rate	29.3	30.2	29.3	30.5
Spindles in place	2,883	2,871	2,861	3,497
Active spindles	2,714	2,705	2,681	3,234
100 percent cotton	1,565	1,583	1,587	1,874
100 percent manmade	363	357	326	411
Blends	785	765	768	949
Cotton's share of fibers	81.1	81.7	80.7	81.0
Manmade:				
Total consumed by mills 1/	73,419	68,994	78,653	80,622
Total since August 1 1/	73,419	142,413	221,066	230,261
Daily rate	3,337	3,285	3,420	3,505
Noncellulosic staple	3,199	3,168	3,310	3,357
Cellulosic staple	138	117	110	148

1/ Adjusted to calendar month. 2/ SA = seasonally adjusted.
Last update: 12/11/02.

Table 5--U.S. fiber exports

Item	2002 July	2002 Aug.	2002 Sep.	2001 Sep.
Cotton:				
Upland exports	655	630	507	707
Total since August 1	10,603	630	1,137	1,683
Sales for next season	401	381	9	26
Total since August 1	2,198	381	390	205
Extra-long staple exports	32.8	19.9	22.5	18.2
Total since August 1	397.3	19.9	42.3	34.7
Sales for next season	31.8	0.5	0.0	0.4
Total since August 1	103.0	0.5	0.5	0.5
Manmade:				
Raw fiber exports	79.8	102.4	85.5	69.3
Noncellulosic	77.9	98.6	81.0	66.9
Cellulosic	1.9	3.8	4.5	2.4
Total since January 1	569.6	672.0	757.6	694.6
Wool and mohair:				
Raw wool exports, clean	1,348.2	410.2	846.6	264.7
Total since January 1	5,132.7	5,542.9	6,389.5	4,677.2
Wool top exports	346.7	965.9	351.7	236.1
Total since January 1	4,360.4	5,326.3	5,678.0	5,554.8
Mohair exports, clean	0	0	0	130.7
Total since January 1	0	0	0	1,154.9

Last update: 12/11/02.

Table 6--U.S. and world fiber prices

Item	2002 Sep.	2002 Oct.	2002 Nov.	2001 Nov.
	Cents per pound			
Domestic cotton prices:				
Adjusted World Price	35.86	36.29	38.95	23.29
Upland spot 41-34	37.91	39.62	44.98	31.23
Pima spot 03-46	83.65	84.25	84.25	83.87
Avg. price received by upland producers	35.20	39.00	41.40	27.80
Mill delivered:				
Cotton				
Actual	44.96	45.83	51.67	37.44
Raw fiber equivalent	49.96	50.92	57.41	41.60
Rayon staple				
Actual	99.00	99.00	97.00	97.00
Raw fiber equivalent	103.13	103.13	101.04	101.04
Polyester staple				
Actual	63.00	63.00	61.00	58.00
Raw fiber equivalent	65.63	65.63	63.54	60.42
Price ratios				
Cotton/rayon	48.4	49.4	56.8	41.2
Cotton/polyester	76.1	77.6	90.4	68.9
Northern Europe cotton quotes:				
A Index	49.08	49.76	52.51	38.13
Memphis Territory	48.75	51.90	55.00	42.55
California/Arizona	53.25	53.95	57.56	44.05
B Index	46.35	46.07	48.10	35.45
Orleans/Texas	45.94	45.65	48.44	36.35
	Dollars per pound			
Wool prices (clean):				
U.S. 56s	1.30	1.38	1.46	0.67
Australian 56s 1/	2.42	2.74	2.71	1.53
U.S. 60s	1.70	1.76	1.84	0.92
Australian 60s 1/	2.59	3.05	3.18	1.65
U.S. 64s	1.98	2.04	2.23	1.22
Australian 64s 1/	2.63	3.12	3.12	1.66

1/ In bond, Charleston, SC.

Last update: 12/11/02.

Table 7--U.S. textile imports, by fiber

Item	2002 July	2002 Aug.	2002 Sep.	2001 Sep.
	1,000 pounds 1/			
Yarn, thread, and fabric	312,545	292,012	284,368	217,556
Cotton	131,923	123,315	120,489	87,625
Linen	19,623	19,542	23,591	17,901
Wool	4,164	3,759	3,594	3,011
Silk	1,291	1,097	1,110	820
Manmade	155,544	144,299	135,584	108,199
Apparel	1,056,098	1,078,774	1,010,431	829,793
Cotton	637,584	618,870	573,180	450,101
Linen	15,284	17,319	17,857	14,411
Wool	38,050	47,182	43,293	39,739
Silk	13,264	13,657	14,445	13,243
Manmade	351,916	381,747	361,655	312,299
Home furnishings	121,372	136,816	128,226	82,719
Cotton	83,691	89,720	79,107	57,111
Linen	1,416	1,872	1,358	1,232
Wool	386	455	557	647
Silk	280	494	343	285
Manmade	35,598	44,275	46,860	23,444
Floor coverings	55,437	48,591	45,536	35,516
Cotton	7,232	6,662	6,425	5,229
Linen	10,439	8,633	7,130	5,810
Wool	15,066	13,175	11,756	9,258
Silk	994	990	949	828
Manmade	21,707	19,131	19,276	14,390
Total imports 2/	1,557,238	1,568,441	1,478,955	1,173,298
Cotton	865,721	843,269	782,994	602,771
Linen	46,994	47,607	50,193	39,399
Wool	58,094	65,254	59,744	53,107
Silk	15,831	16,241	16,850	15,177
Manmade	570,598	596,071	569,175	462,844

1/ Raw fiber equivalent. 2/ Includes headgear.

Note: 2001 data are revised.

Last update: 12/11/02.

Table 8--U.S. textile exports, by fiber

Item	2002 July	2002 Aug.	2002 Sep.	2001 Sep.
	1,000 pounds 1/			
Yarn, thread, and fabric	233,366	255,805	241,806	229,449
Cotton	101,179	112,878	110,920	89,344
Linen	4,696	5,553	6,091	6,119
Wool	3,115	3,462	3,491	3,010
Silk	3,332	2,455	2,277	5,658
Manmade	121,044	131,457	119,027	125,318
Apparel	122,786	129,336	116,244	121,711
Cotton	72,888	76,722	69,512	71,675
Linen	1,413	1,665	1,528	1,923
Wool	5,483	7,176	6,329	7,385
Silk	2,842	3,072	2,682	3,041
Manmade	40,160	40,701	36,193	37,687
Home furnishings	6,106	7,450	7,062	8,685
Cotton	3,630	4,309	4,035	5,287
Linen	183	255	254	114
Wool	55	78	93	64
Silk	104	50	58	54
Manmade	2,133	2,758	2,621	3,166
Floor coverings	29,927	31,416	29,855	28,512
Cotton	2,471	2,378	2,239	2,304
Linen	1,295	1,298	1,367	1,241
Wool	2,293	2,888	2,643	1,861
Silk	47	27	37	41
Manmade	23,821	24,825	23,569	23,066
Total exports 2/	392,342	424,247	395,253	388,656
Cotton	180,208	196,337	186,782	168,674
Linen	7,591	8,775	9,247	9,404
Wool	10,966	13,616	12,566	12,335
Silk	6,324	5,603	5,054	8,794
Manmade	187,253	199,915	181,603	189,449

1/ Raw fiber equivalent. 2/ Includes headgear.

Note: 2001 data are revised.

Last update: 12/11/02.

Table 9--U.S. cotton textile imports, by country of origin

Item	2002 July	2002 Aug.	2002 Sep.	2001 Sep.
	1,000 pounds 1/			
North America	292,830	272,018	267,193	226,535
Canada	23,117	22,540	25,809	22,870
Costa Rica	11,302	10,729	11,916	9,842
Dominican Republic	22,052	20,058	19,666	18,188
El Salvador	27,147	23,101	24,591	21,623
Guatemala	19,825	19,699	16,802	10,486
Haiti	3,388	3,631	3,765	2,925
Honduras	46,662	42,500	45,009	36,882
Jamaica	2,353	2,088	2,123	2,213
Mexico	129,805	121,824	110,919	96,154
Nicaragua	6,923	5,650	6,358	5,158
South America	19,470	18,626	18,661	11,370
Brazil	8,883	8,708	8,967	5,134
Colombia	4,242	4,245	4,137	2,982
Peru	3,780	3,612	3,707	2,383
Europe	66,936	70,662	58,285	41,686
Italy	5,315	4,809	2,631	2,080
Portugal	8,638	10,630	6,526	4,497
Russia	6,760	8,027	6,613	4,619
Turkey	28,356	29,244	28,052	17,741
Asia	453,003	447,232	402,525	296,116
Bahrain	4,035	5,302	5,126	2,922
Bangladesh	34,879	33,467	25,855	23,343
Burma	4,091	4,144	3,251	3,731
Cambodia	16,375	15,776	15,945	10,277
China	73,393	76,619	62,338	38,696
Hong Kong	34,641	27,166	25,088	23,391
India	46,630	47,111	42,687	30,971
Indonesia	23,013	21,680	19,227	16,645
Israel	4,667	4,113	4,677	3,604
Macao	8,907	7,825	7,722	6,539
Malaysia	8,448	8,830	9,370	5,587
Pakistan	68,367	66,984	67,927	48,919
Philippines	16,353	16,055	13,790	9,691
Singapore	3,419	4,559	3,768	2,827
South Korea	14,193	13,539	13,180	10,993
Sri Lanka	12,487	10,335	8,544	10,089
Taiwan	16,277	15,404	14,026	13,903
Thailand	19,597	21,317	17,841	13,445
United Arab Emirates	4,422	3,848	3,003	2,304
Oceania	4,509	6,557	5,719	4,596
Australia	2,778	4,072	3,309	3,205
Africa	28,974	28,174	30,610	22,469
Egypt	8,632	8,840	9,338	7,477
Lesotho	6,286	5,695	7,595	3,645
South Africa	3,154	3,721	3,807	3,583
World 2/	865,721	843,269	782,994	602,771

1/ Raw fiber equivalent. 2/ Totals may not add due to rounding.

Note: 2001 data are revised.

Last update: 12/11/02.

Table 10--U.S. cotton textile exports, by destination country

Item	2002 July	2002 Aug.	2002 Sep.	2001 Sep.
	1,000 pounds 1/			
North America	167,951	182,998	173,364	152,820
Bahamas	74	107	40	170
Canada	19,083	24,263	20,122	24,425
Costa Rica	8,199	10,305	8,672	7,144
Dominican Republic	18,673	21,075	20,323	16,363
El Salvador	11,689	13,651	13,881	13,273
Guatemala	7,282	7,403	5,951	4,832
Haiti	2,941	3,354	3,187	3,262
Honduras	33,669	37,565	40,609	27,481
Jamaica	1,908	2,165	2,006	1,631
Mexico	63,415	62,163	57,361	53,552
Nicaragua	652	536	760	233
Panama	138	211	215	200
South America	2,386	2,482	2,011	2,650
Argentina	11	10	12	46
Brazil	145	164	161	143
Chile	405	121	167	447
Colombia	1,456	1,630	1,288	847
Ecuador	37	121	108	170
Peru	124	104	82	68
Venezuela	117	218	127	861
Europe	3,369	4,725	5,183	5,880
Belgium	1,021	1,216	2,085	2,909
France	139	262	156	179
Germany	365	481	592	445
Italy	121	442	237	325
Netherlands	237	378	278	246
Turkey	18	25	48	76
United Kingdom	925	1,016	961	815
Asia	5,658	5,317	5,178	6,404
China	300	258	274	241
Hong Kong	964	761	889	1,436
Israel	401	327	332	394
Japan	1,563	1,882	1,665	2,097
Malaysia	31	54	62	41
Philippines	263	258	203	321
Saudi Arabia	230	301	246	215
Singapore	330	164	267	221
South Korea	376	373	282	347
Sri Lanka	82	122	122	202
Taiwan	193	231	207	84
United Arab Emirates	202	180	220	122
Oceania	433	367	535	541
Australia	297	292	419	426
Africa	411	448	510	379
Morocco	36	7	46	139
World 2/	180,208	196,337	186,782	168,674

1/ Raw fiber equivalent. 2/ Totals may not add due to rounding.

Note: 2001 data are revised.

Last update: 12/11/02.

Table 11--Acreage, yield, and production estimates for 2002

State/region	Harvested	Yield	Production
		Pounds/	
	1,000 acres	harvested acre	1,000 bales
Upland:			
Alabama	585	492	600
Florida	119	565	140
Georgia	1,430	587	1,750
N. Carolina	945	437	860
S. Carolina	286	252	150
Virginia	100	480	100
Southeast	3,465	499	3,600
Arkansas	930	852	1,650
Louisiana	500	720	750
Mississippi	1,170	788	1,920
Missouri	385	761	610
Tennessee	560	686	800
Delta	3,545	776	5,730
Kansas	55	611	70
Oklahoma	190	505	200
Texas	4,600	522	5,000
Southwest	4,845	522	5,270
Arizona	232	1,241	600
California	477	1,439	1,430
New Mexico	56	857	100
West	765	1,336	2,130
Total Upland	12,620	636	16,730
Pima:			
Arizona	7	908	14
California	209	1,332	580
New Mexico	7	960	14
Texas	18	987	37
Total Pima	241	1,283	645
Total All	12,861	648	17,375

Based on USDA's December *Crop Production* report.

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