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Cotton and Wool Outlook

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Foreign Cotton Consumption Growth Continues

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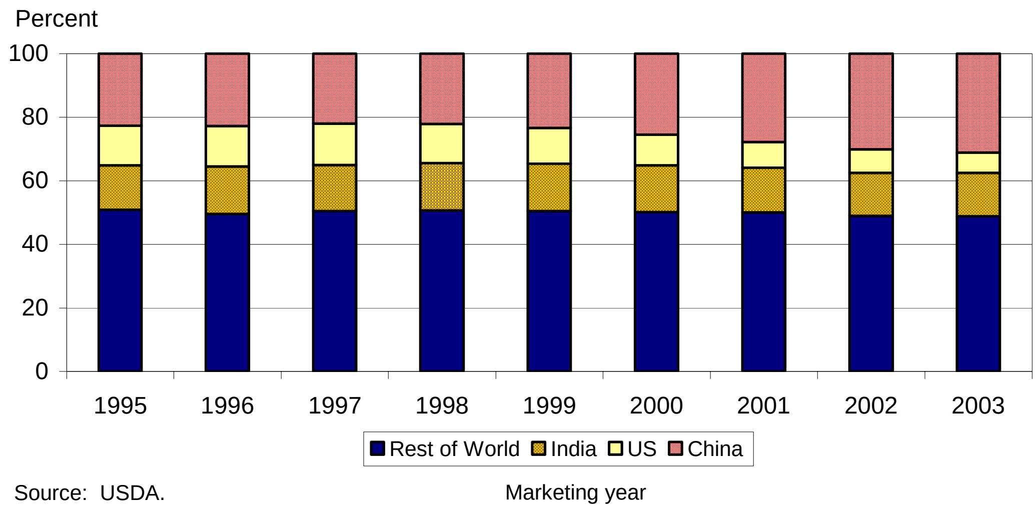
The next release is February 11, 2004

Approved by the World Agricultural Outlook Board.

The latest U.S. Department of Agriculture (USDA) cotton projections for 2003/04 indicate that foreign cotton usage is forecast at 91 million bales, a record. While world cotton consumption has grown 10 million bales since 1997/98 to 97.2 million, U.S. mill use has fallen 45 percent and is expected to be the lowest since 1984/85.

While U.S. mill use is in its sixth consecutive season of decline, cotton consumption in various foreign countries--particularly China--has seen significant increases. Although China, India, and the United States have accounted for half of the world's consumption of raw cotton over the past decade, the shares have shifted. In 2003/04, the U.S. share of global cotton consumption is about half of the 13 percent recorded in 1997/98. At the same time, India's share has declined only slightly from about 15 percent to below 14 percent. In contrast, China's share of world consumption has risen 9 percentage points over the last 6 years to 31 percent.

Figure 1
World cotton consumption shares



Source: USDA.

Domestic Outlook

Cotton Production Forecast Unchanged

The December USDA *Crop Production* report was unchanged this month as minor adjustments were offsetting. The 2003 U.S. cotton crop is estimated at 18.2 million bales or 1 million above last season. Upland production is forecast at nearly 17.8 million bales—8 percent above 2002/03—while the extra-long staple (ELS) crop is projected at 432,000 bales—36 percent below last season.

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 2003 U.S. cotton crop to range between 17.9 and 18.5 million bales.

Compared with last month, only a handful of States had production adjustments; these included Louisiana, Missouri, Oklahoma, and California. The Southeast cotton crop remains estimated at 4.7 million bales, the second largest since 1937/38. Production in the Delta is forecast at about 6.5 million bales, the second largest since 1994/95 as a record 888-pound yield is estimated. In the Southwest, the upland crop is forecast at 4.5 million bales, below last season but near the 5-year average. For the West, upland output is estimated at 2.1 million bales, similar to a year earlier as higher area is offset by a lower yield.

Total cotton harvested area is estimated at 12.1 million acres, or an abandonment rate of about 11 percent. Based on this harvested area, the national yield is estimated at a record 722 pounds per harvested acre. After a late start, above average growing conditions this season across most of the Cotton Belt helped boost the national yield 14 pounds above the previous record. As of December 1st, about 13.9 million 480-pound bales had been ginned this season, nearly 1 million above a year ago.

Demand Estimates Unchanged

The 2003/04 forecast of total U.S. cotton demand is unchanged this month at 19.4 million bales, 1 percent above last season and the highest since 1994/95. However, U.S. cotton mill consumption remains estimated at 6.2 million bales, 1.1 million (nearly 15 percent) below 2002/03. Growth of cotton textile and apparel imports over the last 5 years has forced U.S. mill use lower as imports have become a substitute.

U.S. raw cotton exports, on the other hand, remain forecast at 13.2 million bales as foreign import demand remains above last season, largely attributable to expected imports by China. The U.S. share of world trade this season is expected slightly higher than a year ago at 41 percent.

Based on these cotton supply and demand estimates, 2003/04 U.S. ending stocks are projected at 4.3 million bales, similar to a month ago but over 1 million below last season. The stocks-to-use ratio is estimated at 22 percent, the lowest since 1997/98.

Textile Trade Falls in September, Deficit Rises

Textile imports declined in September to 1.6 billion pounds, 1 percent below August but 5 percent above September 2002. For the major fibers, lower imports of cotton and linen more than offset slight increases in wool, silk, and manmade fibers. Reduced imports of yarn, thread, and fabric and apparel products occurred in September compared with a month earlier. Cotton textile imports, at 817 million pounds, were down 2 percent from August but 4 percent above September 2002. On a regional basis, most of the September decline occurred in Europe where shipments from Russia were nearly 50 percent below a month earlier.

Textile exports, at 390 million pounds, declined 5 percent from August but were only 1 percent below a year ago. Exports of all major fibers and all major end-uses declined from a month earlier. Cotton textile exports, at 189 million pounds, were 6 percent below August 2003. U.S. shipments to Honduras, at 42 million pounds, were 16 percent below August.

The cumulative January-September 2003 trade deficit reached 9.0 billion pounds, compared with 7.8 billion for the corresponding 2002 period. Total imports, at 12.7 billion pounds, were 11 percent above last year while exports declined 1 percent to 3.6 billion. The 9-month cotton textile trade deficit, at 5.3 billion pounds, was 12 percent above 2002. Although cotton textile exports are likely to rise in 2003, imports are expanding faster and are expected to push the cotton trade deficit to a new record.

International Outlook

World Consumption Lower

There are few changes in USDA's world cotton supply and demand estimates this month. World production in 2003/04 is forecast at 92.2 million bales, essentially unchanged from November. World consumption in 2003/04 is forecast slightly lower than it was in November, down 500,000 bales to 97.2 million. With beginning stocks about 100,000 bales higher as well, the world 2003/04 ending stocks forecast is about 500,000 bales higher in December, at 32.2 million bales. While higher than estimated in November, 2003/04 world ending stocks are still expected to be the lowest for any year since 1994/95.

There were no changes in the estimates for the United States or China. Lower estimates for China's 2003/04 crop are common, but in the past, early-December trade estimates have often been below the estimate typically released by the National Bureau of Statistics at the beginning of January. Cotton procurements in China are low, but the crop is late and high prices may have led farmers to delay deliveries and sell to private merchants who are not included in official procurement statistics. Growth in China's most recent yarn output data continue to weaken, suggesting that the growing premium to world prices currently paid in China may be slowing textile production.

Higher Production in India Offset Elsewhere

The largest single change between November and December came in India's production, which is up 200,000 bales to 12.7 million bales. Many forecasters expect India's crop to exceed 12.5 million bales due to a generally good monsoon. Year-to-year cotton deliveries to Indian gins as of early December are up 70 percent, although last year's crop was undoubtedly delayed in Gujarat and Maharastra due to a poor monsoon, and this year's high prices may be accelerating Northern Region deliveries.

Production in 2003/04 is also estimated higher for Turkmenistan this month, up 100,000 bales to 900,000 bales, the highest since 1999/2000. Reliable information about Turkmenistan is scarce, but harvesting there should be complete and it is widely accepted that seed cotton deliveries to gins are up substantially.

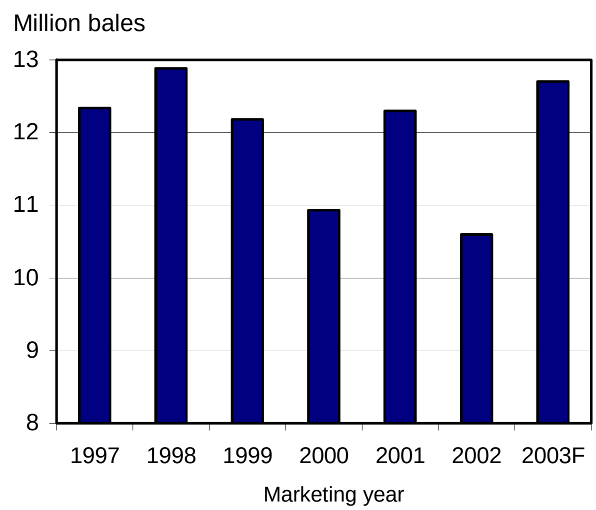
On the other hand, the expected 2003/04 crops in Turkey, Egypt, Greece, and Zimbabwe now are each forecast between 50,000 and 100,000 bales lower than in November. These reductions offset the higher estimates for India and Turkmenistan, and USDA's estimate of 2003/04 world production is essentially unchanged from the month before.

Consumption Estimates Lower in 2003

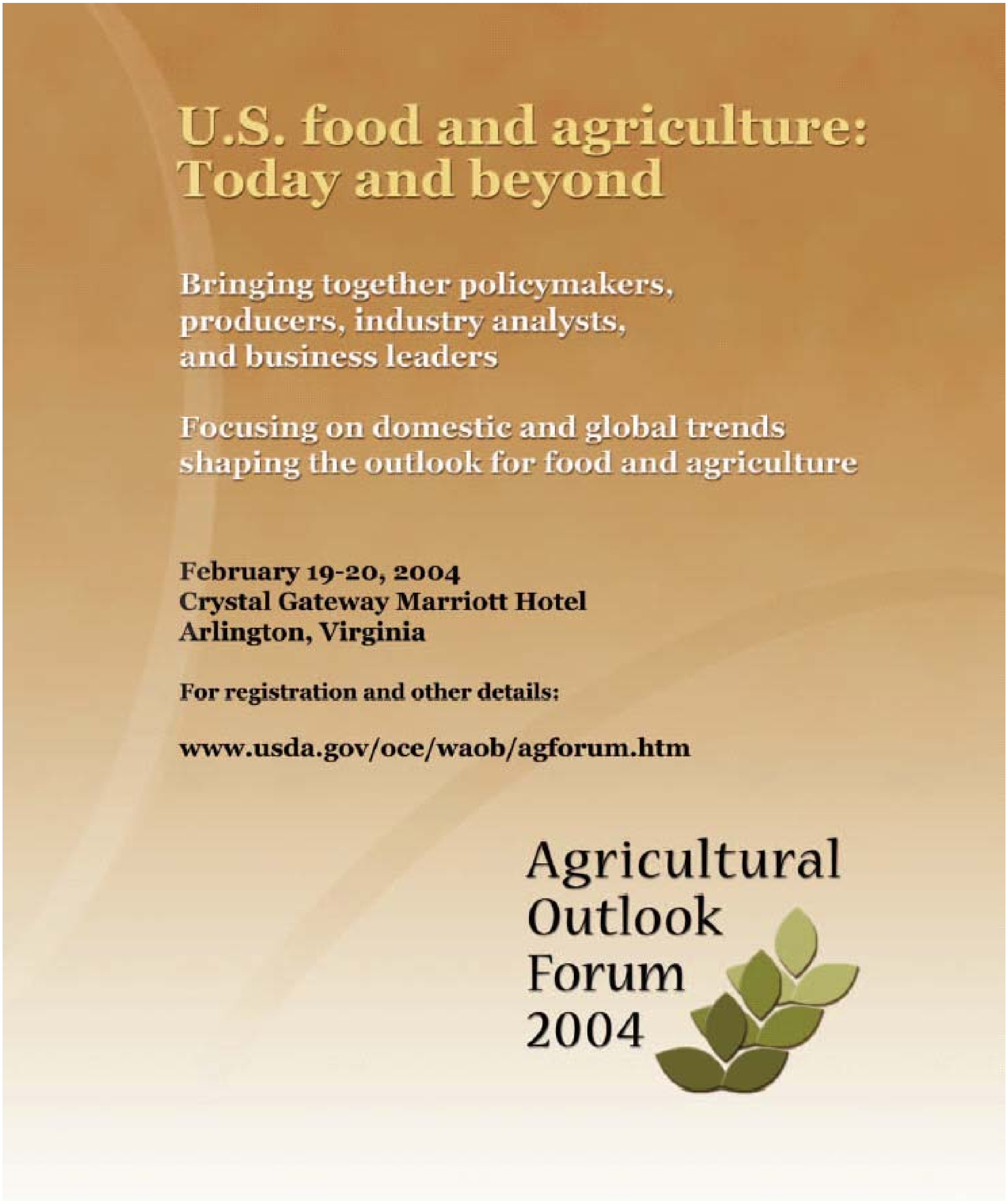
For consumption in 2003/04, the largest changes in USDA's forecasts this month are 100,000-bale reductions for both India and Turkey. Data from the Textile Commissioner's Office show India's textile output has been less robust than expected, and USDA's attaché in Turkey indicated industry expectations are lower there as well. Japan's 2003/04 consumption is forecast 75,000 bales lower this month as falling cotton imports suggest that the decline in mill use will accelerate.

Consumption estimates for 2003/04 are also lower by smaller amounts for a number of countries in Europe and Latin America. For these countries, estimated consumption is also smaller for 2002/03 and earlier. A review of updated import data indicates USDA's import and consumption estimates were too high. USDA's December estimate of world consumption in 2002/03 is nearly 300,000 bales lower this month than November's estimate. The estimate for 2001/02 is 61,000 bales lower.

Figure 2
India's cotton production



Source: USDA.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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	2002/03	2003/04 Oct.	2003/04 Nov.	2003/04 Dec.
		Million acres		
Upland:				
Planted	13.714	13.451	13.451	13.451
Harvested	12.184	11.939	11.939	11.939
		Pounds		
Yield/harvested acre	651	688	715	715
		Million 480-lb bales		
Beginning stocks	7.120	5.140	5.140	5.140
Production	16.531	17.118	17.773	17.783
Total supply 1/	23.659	22.263	22.933	22.943
Mill use	7.166	6.300	6.110	6.110
Exports	11.266	11.475	12.675	12.685
Total use	18.432	17.775	18.785	18.795
Ending stocks 2/	5.140	4.494	4.148	4.148
		Percent		
Stocks-to-use ratio	27.9	25.3	22.1	22.1
Extra-long staple:		1,000 acres		
Planted	244	180	180	180
Harvested	243	168	168	168
		Pounds		
Yield/harvested acre	1,342	1,257	1,260	1,231
		1,000 480-lb bales		
Beginning stocks	328	245	245	245
Production	678	441	442	432
Total supply 1/	1,065	731	717	707
Mill use	103	100	90	90
Exports	634	525	525	515
Total use	737	625	615	605
Ending stocks 2/	245	106	102	102
		Percent		
Stocks-to-use ratio	33.2	17.0	16.6	16.9

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

Last update: 12/12/03.

Table 2--World cotton supply and use estimates

Item	2002/03	2003/04		
		Oct.	Nov.	Dec.
		Million 480-lb bales		
Supply:				
Beginning stocks				
World	46.94	37.31	36.77	36.87
Foreign	39.50	31.92	31.38	31.48
Production				
World	88.03	94.50	92.14	92.17
Foreign	70.83	76.94	73.93	73.96
Imports				
World	30.68	30.74	32.74	32.46
Foreign	30.62	30.68	32.69	32.41
Use:				
Mill use				
World	97.93	98.45	97.69	97.17
Foreign	90.66	92.05	91.49	90.97
Exports				
World	30.61	30.33	32.26	32.11
Foreign	18.71	18.33	19.06	18.91
Ending stocks				
World	36.87	33.73	31.66	32.19
Foreign	31.48	29.13	27.41	27.94
Stocks-to-use ratio		Percent		
World	37.6	34.3	32.4	33.1
Foreign	34.7	31.6	30.0	30.7

Based on USDA estimates.

Last update: 12/12/03.

Table 3--U.S. fiber supply

Item	2003 Aug.	2003 Sep.	2003 Oct.	2002 Oct.
Cotton:	1,000 480-lb bales			
Ginnings	583	1,480	5,552	5,172
Imports since August 1	2.3	8.4	NA	14.7
Stocks, beginning	5,385	4,876	5,461	6,603
At mills	408	410	405	530
Public storage	4,645	4,376	4,634	5,948
CCC stocks	787	760	252	1,111
Manmade:	Million pounds			
Production	686.7	708.5	727.2	755.8
Noncellulosic	686.7	708.5	727.2	755.8
Cellulosic	NA	NA	NA	NA
Total since January 1	5,606.0	6,314.5	7,041.7	7,359.4

	2003 July	2003 Aug.	2003 Sep.	2002 Sep.
	Million pounds			
Raw fiber imports	138.0	132.2	114.6	141.7
Noncellulosic	133.4	128.6	110.3	136.2
Cellulosic	4.6	3.6	4.2	5.5
Total since January 1	1,018.3	1,150.5	1,265.1	1,322.4
Wool and mohair:	1,000 pounds			
Raw wool imports, clean	1,237.2	1,065.4	793.3	1,810.2
48s-and-finer	66.2	543.9	219.1	367.1
Not-finer-than-46s	1,171.0	521.5	574.2	1443.0
Total since January 1	15,026.1	16,091.5	16,884.8	16,981.0
Wool top imports	152.6	205.1	131.0	314.9
Total since January 1	2,658.4	2,863.5	2,994.4	2,288.7
Mohair imports, clean	260.1	0.0	0.0	0.0
Total since January 1	13,223.2	13,223.2	13,223.2	4.2

NA = Not available.

Last update: 12/12/03.

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

Item	2003 Aug.	2003 Sep.	2003 Oct.	2002 Oct.
Cotton:		1,000 480-lb bales		
All consumed by mills 1/	518	548	578	702
Total since August 1 1/	518	1,066	1,644	2,006
SA annual rate 2/	6,231	6,175	6,124	7,483
SA daily rate 2/	23.9	23.7	23.5	28.7
Daily rate	24.7	24.9	25.1	30.5
Upland consumed by mills 1/	511	542	572	692
Total since August 1 1/	511	1,052	1,624	1,980
SA daily rate 2/	23.5	23.4	23.2	28.3
Daily rate	24.3	24.6	24.9	30.1
Spindles in place	2,584	2,488	2,488	2,836
Active spindles	2,428	2,356	2,354	2,684
100 percent cotton	1,341	1,329	1,327	1,593
100 percent manmade	322	289	294	322
Blends	764	738	733	768
		Percent		
Cotton's share of fibers	80.5	82.3	81.3	81.6
Manmade:		1,000 pounds		
Total consumed by mills 1/	60,211	56,661	63,832	76,111
Total since August 1 1/	60,211	116,872	180,704	216,781
Daily rate	2,867	2,576	2,775	3,309
Noncellulosic staple	2,771	2,478	2,665	3,198
Cellulosic staple	96	98	110	111

1/ Adjusted to calendar month. 2/ SA = seasonally adjusted.

Last update: 12/12/03.

Table 5--U.S. fiber exports

Item	2003 July	2003 Aug.	2003 Sep.	2002 Sep.
Cotton:		1,000 480-lb bales		
Upland exports	1,540	556	331	529
Total since August 1	11,266	556	887	1,199
Sales for next season	323	130	19	9
Total since August 1	1,721	130	149	386
Extra-long staple exports	22.8	19.7	22.4	22.2
Total since August 1	634.2	19.7	42.0	41.9
Sales for next season	4.4	0.0	0.0	0.0
Total since August 1	70.1	0.0	0.0	0.5
Manmade:		Million pounds		
Raw fiber exports	78.9	87.5	79.9	85.5
Noncellulosic	77.2	85.4	78.2	81.0
Cellulosic	1.7	2.1	1.6	4.5
Total since January 1	585.8	673.3	753.1	757.5
Wool and mohair:		1,000 pounds		
Raw wool exports, clean	1,560.4	1,048.2	1,039.2	846.6
Total since January 1	6,380.5	7,428.7	8,467.9	6,389.5
Wool top exports	116.0	464.9	304.5	351.7
Total since January 1	4,645.4	5,110.3	5,414.9	5,678.0
Mohair exports, clean	292.1	543.7	619.3	33.1
Total since January 1	1,335.4	1,879.1	2,498.4	1,493.1

Last update: 12/12/03.

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

Item	2003 Sep.	2003 Oct.	2003 Nov.	2002 Nov.
		Cents per pound		
Domestic cotton prices:				
Adjusted World Price	50.24	58.20	63.61	38.95
Upland spot 41-34	58.02	69.38	68.88	44.98
Pima spot 03-46	96.32	103.52	110.75	84.25
Avg. price received by upland producers	55.70	68.00	64.10	43.00
Mill delivered:				
Cotton				
Actual	64.75	75.14	77.01	51.67
Raw fiber equivalent	71.94	83.49	85.57	57.41
Rayon staple				
Actual	88.00	88.00	88.00	97.00
Raw fiber equivalent	91.67	91.67	91.67	101.04
Polyester staple				
Actual	59.00	59.00	59.00	61.00
Raw fiber equivalent	61.46	61.46	61.46	63.54
Price ratios				
Cotton/rayon	78.5	91.1	93.3	56.8
Cotton/polyester	117.1	135.8	139.2	90.4
Northern Europe cotton quotes:		Cents per pound		
A Index	64.35	72.86	76.70	52.51
Memphis Territory	68.56	78.00	78.25	55.00
California/Arizona	73.06	82.50	82.75	57.56
B Index	63.20	70.93	74.41	48.10
Orleans/Texas	63.69	72.80	73.00	48.44
		Dollars per pound		
Wool prices (clean):				
U.S. 56s	1.45	1.45	1.45	1.46
Australian 56s 1/	2.66	2.50	2.38	2.71
U.S. 60s	2.15	2.11	1.95	1.84
Australian 60s 1/	2.97	2.80	2.71	3.18
U.S. 64s	2.43	2.43	2.32	2.23
Australian 64s 1/	3.06	2.92	2.85	3.28

1/ In bond, Charleston, SC.
NQ = No quote.
Last update: 12/12/03.

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

Item	2003 July	2003 Aug.	2003 Sep.	2002 Sep.
	1,000 pounds 1/			
Yarn, thread, and fabric	285,351	259,473	256,293	284,095
Cotton	116,698	99,869	103,488	120,105
Linen	15,399	17,098	15,672	23,628
Wool	4,382	3,158	3,456	3,690
Silk	1,235	1,089	1,171	1,022
Manmade	147,639	138,259	132,505	135,651
Apparel	1,167,726	1,086,859	1,065,051	1,009,900
Cotton	720,456	626,567	600,859	572,776
Linen	23,891	22,444	22,188	17,810
Wool	33,464	41,799	44,967	43,241
Silk	15,557	14,547	15,173	14,427
Manmade	374,358	381,502	381,863	361,647
Home furnishings	158,152	155,286	171,300	135,070
Cotton	92,473	92,795	100,399	80,871
Linen	1,482	1,309	1,286	1,358
Wool	329	588	491	556
Silk	411	599	546	349
Manmade	63,457	59,994	68,579	51,935
Floor coverings	56,841	50,046	50,052	45,523
Cotton	8,318	7,582	7,079	6,391
Linen	10,829	9,571	8,686	7,114
Wool	14,130	13,477	14,347	11,758
Silk	1,255	1,201	1,165	982
Manmade	22,310	18,215	18,774	19,278
Total imports 2/	1,680,618	1,563,769	1,555,353	1,484,951
Cotton	943,283	831,413	816,504	783,915
Linen	51,872	50,632	48,090	50,167
Wool	52,918	59,719	63,932	59,805
Silk	18,458	17,438	18,059	16,784
Manmade	614,087	604,566	608,768	574,280

1/ Raw fiber equivalent. 2/ Includes headgear.

Note: 2002 data are revised.

Last update: 12/12/03.

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

Item	2003 July	2003 Aug.	2003 Sep.	2002 Sep.
	1,000 pounds 1/			
Yarn, thread, and fabric	243,427	262,906	249,455	241,764
Cotton	114,957	125,707	118,969	110,978
Linen	6,739	6,706	6,013	6,469
Wool	3,662	4,410	3,867	4,514
Silk	2,089	2,076	2,275	2,900
Manmade	115,979	124,007	118,331	116,903
Apparel	109,998	110,856	106,086	115,906
Cotton	64,376	68,100	64,195	69,400
Linen	1,590	1,612	1,435	1,523
Wool	4,740	4,581	4,297	6,308
Silk	2,573	2,848	2,687	2,683
Manmade	36,718	33,714	33,472	35,993
Home furnishings	5,616	5,832	5,755	7,031
Cotton	3,249	3,420	3,338	4,015
Linen	209	203	198	253
Wool	106	91	96	90
Silk	67	91	66	59
Manmade	1,985	2,027	2,058	2,615
Floor coverings	27,779	30,152	28,225	29,749
Cotton	2,422	2,661	2,274	2,223
Linen	1,331	1,453	1,249	1,362
Wool	1,977	1,799	2,087	2,639
Silk	48	65	45	36
Manmade	22,000	24,174	22,570	23,489
Total exports 2/	386,984	409,979	389,716	394,738
Cotton	185,056	199,958	188,827	186,692
Linen	9,875	9,982	8,900	9,614
Wool	10,495	10,895	10,367	13,562
Silk	4,777	5,080	5,073	5,677
Manmade	176,782	184,064	176,548	179,193

1/ Raw fiber equivalent. 2/ Includes headgear.

Note: 2002 data are revised.

Last update: 12/12/03.

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

Item	2003 July	2003 Aug.	2003 Sep.	2002 Sep.
	1,000 pounds 1/			
North America	286,873	262,242	261,875	266,976
Canada	20,355	22,698	25,119	25,560
Costa Rica	9,894	9,120	10,779	11,917
Dominican Republic	20,665	17,692	17,206	19,572
El Salvador	32,147	27,583	31,023	24,641
Guatemala	21,184	19,380	19,415	16,763
Haiti	6,105	5,604	5,545	3,765
Honduras	50,427	46,233	46,539	44,995
Jamaica	1,991	1,583	1,431	2,123
Mexico	116,370	105,282	98,527	111,063
Nicaragua	7,475	6,807	6,005	6,323
South America	22,539	18,047	20,516	18,643
Brazil	9,944	7,909	9,289	8,856
Colombia	7,269	5,931	6,652	4,157
Peru	4,383	3,433	3,717	3,707
Europe	72,773	69,893	57,898	58,439
Italy	4,396	4,450	2,751	2,615
Portugal	6,864	9,727	6,359	6,524
Russia	16,014	15,752	8,057	6,612
Turkey	28,564	23,331	25,753	28,217
Asia	513,441	441,178	438,202	403,603
Bahrain	4,292	2,096	2,268	5,126
Bangladesh	29,404	27,376	25,547	25,832
Burma	4,764	6,705	86	3,234
Cambodia	17,993	16,473	18,564	15,912
China	93,692	83,434	81,878	63,060
Hong Kong	31,078	25,201	24,092	25,093
India	44,468	39,621	40,587	42,783
Indonesia	23,346	20,838	20,065	19,204
Israel	5,417	4,779	3,826	4,641
Macao	11,052	8,335	8,057	7,720
Malaysia	9,929	7,940	7,756	9,370
Pakistan	72,891	67,329	73,919	68,139
Philippines	17,871	16,074	14,524	13,789
Singapore	3,916	4,119	2,828	3,768
South Korea	15,308	12,749	14,931	13,252
Sri Lanka	11,923	9,669	9,640	8,544
Taiwan	14,162	12,621	13,434	14,102
Thailand	21,364	16,958	17,578	17,869
United Arab Emirates	4,671	3,754	3,466	3,003
Oceania	4,693	5,486	5,712	5,719
Australia	2,729	3,795	3,643	3,309
Africa	42,963	34,567	32,301	30,535
Egypt	11,806	9,837	9,349	9,309
Lesotho	7,188	6,984	7,253	7,573
South Africa	7,050	4,509	3,473	3,807
World 2/	943,283	831,413	816,504	783,915

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

Note: 2002 data are revised.

Last update: 12/12/03.

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

Item	2003 July	2003 Aug.	2003 Sep.	2002 Sep.
	1,000 pounds 1/			
North America	172,548	186,039	176,268	173,307
Bahamas	153	57	85	37
Canada	15,167	19,555	17,306	20,138
Costa Rica	6,291	9,623	8,917	8,676
Dominican Republic	19,572	19,653	19,870	20,461
El Salvador	13,684	14,890	13,981	14,303
Guatemala	6,770	7,622	8,542	5,941
Haiti	3,849	4,530	4,254	3,172
Honduras	45,945	50,195	42,261	40,881
Jamaica	1,463	1,813	1,295	2,007
Mexico	58,376	56,617	58,512	56,483
Nicaragua	705	904	725	758
Panama	198	113	179	215
South America	3,145	4,628	4,225	1,993
Argentina	49	23	54	12
Brazil	91	127	78	160
Chile	70	347	123	167
Colombia	2,231	3,016	2,707	1,279
Ecuador	158	142	265	108
Peru	222	330	245	82
Venezuela	223	466	563	118
Europe	3,210	3,161	3,115	5,156
Belgium	890	673	463	2,084
France	138	126	131	155
Germany	349	392	427	589
Italy	177	223	213	234
Netherlands	276	230	180	267
Turkey	20	45	49	48
United Kingdom	873	788	816	953
Asia	5,368	5,236	4,356	5,193
China	537	603	359	273
Hong Kong	679	549	630	895
Israel	154	194	111	332
Japan	1,697	1,530	1,249	1,672
Malaysia	27	50	47	62
Philippines	102	55	101	204
Saudi Arabia	242	259	179	245
Singapore	209	341	183	267
South Korea	294	269	410	282
Sri Lanka	6	74	132	122
Taiwan	420	290	84	204
United Arab Emirates	367	332	287	224
Oceania	403	448	337	532
Australia	295	316	232	417
Africa	382	446	527	509
Morocco	9	7	20	46
World 2/	185,056	199,958	188,827	186,692

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

Note: 2002 data are revised.

Last update: 12/12/03.

Table 11--Acreage, yield, and production estimates for 2003

State/region	Harvested	Yield	Production
		Pounds/	
	1,000 acres	harvested acre	1,000 bales
Upland:			
Alabama	510	772	820
Florida	94	654	128
Georgia	1,290	800	2,150
N. Carolina	770	686	1,100
S. Carolina	217	730	330
Virginia	85	734	130
Southeast	2,966	754	4,658
Arkansas	940	909	1,780
Louisiana	520	942	1,020
Mississippi	1,100	916	2,100
Missouri	390	849	690
Tennessee	535	772	860
Delta	3,485	888	6,450
Kansas	113	637	150
Oklahoma	170	536	190
Texas	4,400	458	4,200
Southwest	4,683	465	4,540
Arizona	208	1,292	560
California	555	1,297	1,500
New Mexico	42	857	75
West	805	1,273	2,135
Total Upland	11,939	715	17,783
Pima:			
Arizona	4	1,108	9
California	139	1,278	370
New Mexico	6	1,040	13
Texas	20	985	40
Total Pima	168	1,231	432
Total All	12,107	722	18,215

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

Last update: 12/12/03.