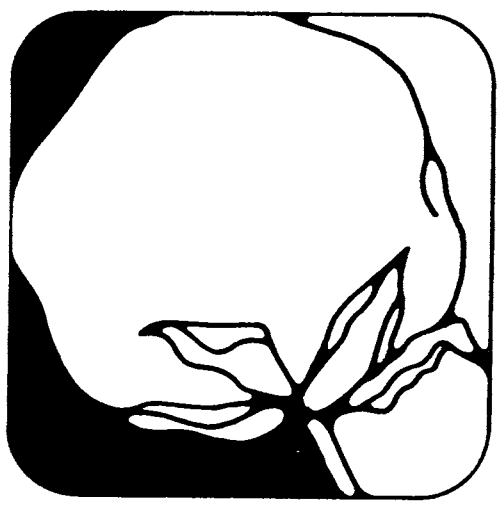


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COTTON Situation

AMERICAN COTTON
ASSOCIATION
1900
FEB 12 1971



Cotton Situation at a Glance

Item	Unit	1969			1970 ¹		
		Oct.	Nov.	Dec.	Oct.	Nov.	Dec.
GENERAL ECONOMY							
BLS wholesale price indices							
All commodities	1957-59=100	114.0	114.7	115.1	117.8	117.7	117.8
Cotton broadwoven goods	do.	105.6	105.8	106.0	107.7	107.9	108.7
Indices of industrial production ²							
Overall including utilities	do.	173.1	171.4	171.1	162.3	161.6	163.9
Textiles, apparel and leather products	do.	142.0	142.9	141.5	135.3	134.4	134.0
Personal income payments ²	Bil. dol.	766.7	770.6	774.3	810.0	812.4	
Retail apparel sales ²	Mil. dol.	1,719	1,677	1,681			
COTTON							
Broadwoven goods industry							
Average gross hourly earnings	Dollars	24.2	24.2	24.2	25.0	25.3	25.6
Ratio of stocks to unfilled orders ²	Percent	42	39	42	36	34	
Consumption of all kinds of mills							
Total (4-week period except as noted)	1,000 bales	810	646	³ 717	632	641	³ 725
Cumulative since August 1	do.	2,073	2,719	3,435	1,986	2,624	3,352
Daily rate							
Seasonally adjusted ⁴	do.	31.4	31.3	30.9	30.7	31.1	31.3
Unadjusted	do.	32.4	32.3	28.7	31.6	32.0	29.0
Spindles in place on cotton system ⁵	Thousands	20,170	20,203	20,133	19,613	19,577	19,572
Consuming 100 percent cotton	do.	12,631	12,574	12,404	11,738	11,751	11,624
Consuming blends	do.	4,965	5,052	5,068	5,034	4,898	5,019
Mill margin data, expanded series							
Average gray goods price	Cents	68.81	68.84	68.87	69.12	69.48	69.84
Average cotton price	do.	24.75	24.88	24.95	25.59	25.52	25.55
Margin	do.	44.06	43.96	43.92	43.53	43.96	44.29
Prices of American upland							
Received by farmers (mid-month)	do.	21.70	21.35	19.95	22.83	22.09	20.96
Parity (effective following month)	do.	48.05	48.18	48.31	49.57	49.69	49.82
Farm as percentage of parity	Percent	45	44	44.1	46	44	42
Stocks							
Mill, end of month	1,000 bales	1,054	1,109	1,282	924	1,010	1,140
Public storage and compresses	do.	7,536	9,087	9,660	5,481	8,877	9,214
Trade							
Raw cotton							
Exports							
Total	do.	166.5	123.1	176.1	180.9	251.5	362.1
Cumulative since August 1	do.	454.5	577.6	753.7	353.8	605.3	967.4
Imports							
Total	Bales	13,046	6,191	966	2,853	645	
Cumulative since August 1	do.	18,038	24,229	25,196	9,335	9,980	
Textile manufactures (equivalent raw cotton)							
Exports							
Total	1,000 bales	42.6	51.1	48.2	35.4	35.4	
Cumulative since August 1	do.	121.0	172.0	220.3	91.7	127.1	
Imports							
Total	do.	77.2	80.2	73.7	67.6		
Cumulative since August 1	do.	258.1	338.2	441.9	212.1		
MAN MADE FIBERS							
Consumption, daily rate by mills ⁶							
Non-cellulosics	1,000 pounds	3,290	3,398	3,406	3,278	3,454	3,760
Rayon and acetate	do.	2,517	2,426	2,237	1,921	1,909	1,951
Prices							
Non-cellulosic staple, 1.5 denier							
Acrylic	Dollars	0.68	0.68	0.68	0.68	0.68	0.68
Polyester	do.	.61	.61	.61	.61	.61	.61
Rayon viscose							
Staple							
Modified, 1.5 and 3.0 denier	do.	.38	.38	.38	.38	.38	.83
Regular, 1.5 denier	do.	.28	.28	.28	.28	.28	.28
Yarn, 150 denier	do.	.93	.93	.93	.93	.93	.93

¹ Preliminary. ² Seasonally adjusted. ³ 5-week period. ⁴ Combined upland and extra-long staple. ⁵ End of month. ⁶ On cotton-system spinning spindles, seasonally adjusted.

THE COTTON SITUATION

CONTENTS

SUMMARY

	Page
OUTLOOK FOR 1970/71	
DEMAND AND SUPPLY HIGHLIGHTS	4
Sharp Stock Reduction Likely	
Disappearance Prospects Improved	
DOMESTIC MARKET OUTLOOK	5
Crop Prospects Weaken; Shortfall Announced	
Mill Use Stabilizes as Competition Moderates	
ELS Cotton Stocks Falling Sharply	
Cotton Linters Situation	
EXPORT MARKET OUTLOOK	11
U.S. Share of World Trade May Increase	
Export Prospects Improve as FFW Supplies Plummet	
Funds Available for Government Financing	
Prices Remain Firm in Import Markets	
OUTLOOK FOR 1971/72	
COTTON LEGISLATION	13
PLANTING INTENTIONS	14
MAN-MADE FIBER CAPACITY	15
LIST OF TABLES	37

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and Summary released January 27, 1971

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August, and October.

Cotton plantings may total about 11.9 million acres in 1971, including 102,700 acres of extra-long staple cotton, according to January planting intentions. This is slightly below 1970 plantings but 3 percent above the 1971 upland national base acreage allotment of 11½ million acres.

When the planting intentions survey was conducted, farmers did not have complete information on the new cotton program provisions. Final program provisions are expected to be announced in early February. Any changes in farmers' intentions will be reflected in the regular spring planting intentions report to be released March 16.

The cotton carryover next summer may decline to about 4½ million bales from the 5¾ million of last August. Although the 1970 cotton crop increased slightly to 10.2 million running bales, total use should moderately exceed the 10.8 million bales of 1969/70, reflecting improved export prospects.

U.S. cotton exports of at least 3½ million bales are likely this season, ¾ million above 1969/70. Small world stocks, record foreign consumption prospects, and the smallest foreign Free-World production in 4 years point to increased demand for U.S. cotton.

Mill consumption of U.S. cotton during 1970/71 may match or slightly exceed last year's 8 million bales. Although competition from man-made fibers appears to be moderating, the economy's sluggishness is limiting expansion in cotton use.

The 1970 cotton crop totaled 10.2 million running bales, 3 percent above the previous crop. Yields rose only slightly—to 441 pounds—as several areas experienced a second consecutive year of adverse growing and harvesting conditions.

The Agricultural Act of 1970, a 3-year program effective with the 1971/72 season, suspends marketing quotas and penalties for each of the 1971 through 1973 crops. Other major provisions of the program include: (1) a national average 1971 crop price support loan rate of 19.50 cents per pound (Middling 1-inch basis, micronaire 3.5 through 4.9), net weight basis at average location—down about 2 cents from the comparable 1970 level; (2) a guaranteed support price of 35 cents per pound or 65 percent of parity, whichever is higher, on production from the national base acreage allotment of 11.5 million acres—slightly above 1970 acreage for payment; (3) a price support payment of 35 cents less the market price, but in no event less than 15 cents per pound—compared with 16.80 cents in 1970 and a 30 percent payment bonus for small farms; (4) an annual payment limitation of \$55,000 to any producer; (5) a cropland set-aside requirement of not more than 20

percent of the farm base acreage allotment; and (6) an expanded cotton research and promotion program.

Man-made fiber producing capacity, which has increased sharply in recent years, is expected to expand further during 1971 and 1972. While the projected rate

of expansion has slowed, current capacity of about 7.2 billion pounds is expected to increase almost one-fifth by late 1972. Most of the increase will be devoted to non-cellulosic fibers. Rayon and acetate capacity may remain near the November 1970 level.

OUTLOOK FOR 70/71

DEMAND AND SUPPLY HIGHLIGHTS

Prospects for moderately larger disappearance and slightly larger production highlight the 1970/71 cotton outlook. Larger expected disappearance reflects improved export prospects due to dwindling supplies and expanding cotton use abroad. For the 1970 U.S. cotton crop, acreage planted was about the same but the average yield rose only slightly as several areas experienced a second consecutive year of adverse growing and harvesting conditions. First indications on the 1971 crop are for slightly smaller planting intentions.

Sharp Stock Reduction Likely

Combined mill use and exports may exceed production by 1 to 1½ million bales in 1970/71, meaning the cotton carryover this summer will be cut to

around 4½ million bales (figure 1). This would be the smallest since the summer of 1952 when less than 3 million bales were on hand. While crop prospects deteriorated further in recent months to a current estimate of 10.2 million running bales, expected disappearance has risen to at least 11½ million.

The small increase in the 1970 crop—262,000 bales—is more than offset by a ¾ million-bale decline in beginning stocks. So, the cotton supply is the smallest since 1947, totaling around 16 million bales or almost ½ million below 1969/70 (table 15).

Disappearance Prospects Improve

Expected cotton disappearance of 11½ million bales contrasts with last season's 10.8 million. While mill use may remain near the 1969/70 level of 8 million bales, exports are expected to increase sharply. Even though

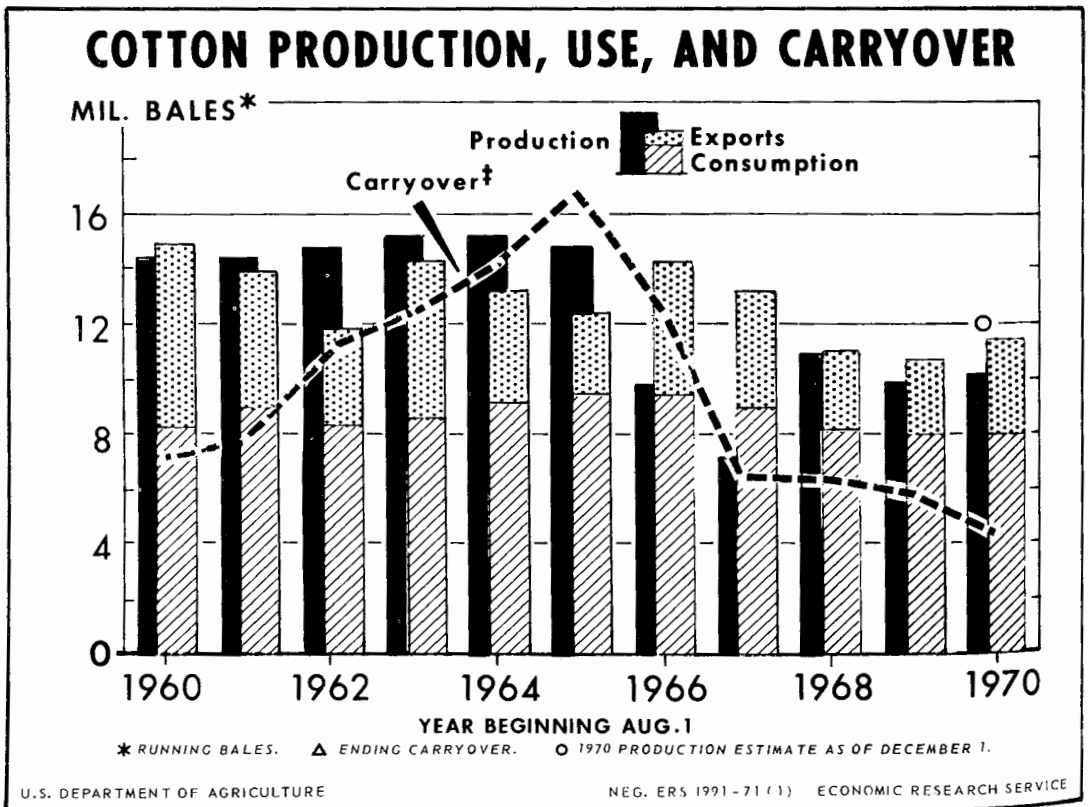


Figure 1

U.S. supplies are reduced, foreign supplies are down even more and cotton use abroad is expected to increase slightly. Thus, U.S. exports may total at least 3½ million bales, up from the depressed 1969/70 level of 2¾ million (table 15).

DOMESTIC MARKET OUTLOOK

Cotton Crop Barely Exceeds 1969; Average Yield Estimated at 441 Pounds

The December 1 crop forecast of 10.2 million running bales represents a further deterioration in prospects for the 1970 crop. This is down more than 0.1 million bales from the month-earlier estimate and 0.8 million below August 1 indications. Although prospects faded in several areas, production still is expected to exceed 1969 as the result of 1 percent greater harvested acreage and 2 percent higher yields (figure 2).

The indicated national average yield per acre is 441 pounds, above last year's 434 pounds, but sharply below the 1964-68 average of 497 pounds (tables 1 and 16). Generally unfavorable growing and harvesting conditions in several areas caused the prospective U.S. yield to decline 6 percent from early-season expectations.

Ginnings from the 1970 crop are nearing completion after lagging earlier in the season because of the late crop

and unfavorable weather for mechanical harvesting. (Over 95 percent of the crop was harvested mechanically.) Ginnings from the 1970 crop totaled 10,056,193 running bales through mid-January.

The average staple length of ginnings to January 16 was 33.4 thirty-seconds inches, down slightly from last season's 33.6 and the record average length of 33.9 thirty-seconds inches for the same period of the 1968/69 season. About 65 percent of ginnings stapled 1¹/₁₆ inches and longer during this period, near the year-earlier level. This compares with 67 percent of the 1969 crop for the entire season (tables 2 and 17).

The average fiber strength of the 1970 crop is about the same as a year earlier. However, the grade index for 1970 crop ginnings during August-January 15, at 91.5 (Middling White equals 100), is above the 91.1 achieved last year. The average micronaire reading is down slightly.

Commodity Credit Corporation loan stocks from the 1970 cotton crop held against outstanding price support loans totaled about 1.9 million bales as of January 15, compared with 3 million a year earlier. Sales of CCC-owned cotton have amounted to about 1 million bales this season. About 2 million bales (including extra-long staple cotton) remain in inventory, a little below the year-earlier level (tables 3 and 18).

The drawdown will be reflected in CCC cotton stocks next August. CCC stocks are likely to fall at least a

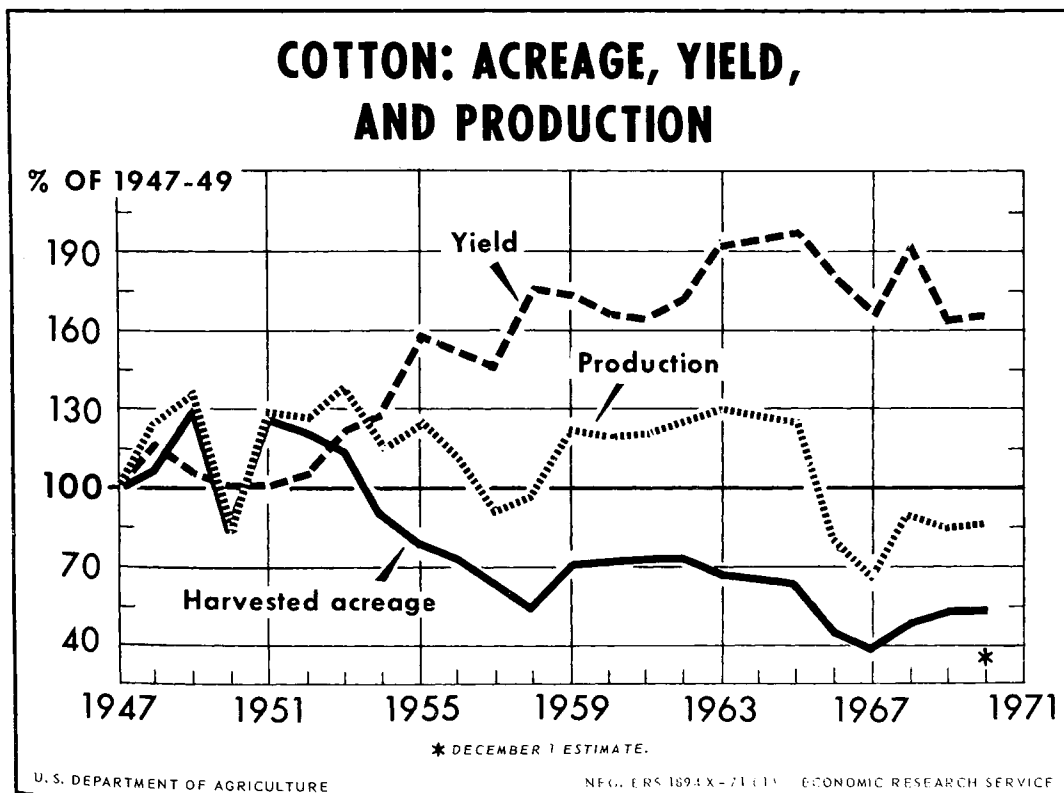


Figure 2

Table 1.—Cotton: Acreage, production, and yield, by States, 1964-68 average, 1969, and 1970 forecast with comparisons

State	Harvested acres				Lint yield per harvested acre				Production			
	Average 1964-68	1969	1970 ¹	Change from 1969	Average 1964-68	1969	1970 ¹	Change from 1969	Average 1964-68	1969	1970 ¹	Change from 1969
	1,000 acres	1,000 acres	1,000 acres	Percent	Pounds	Pounds	Pounds	Percent	1,000 bales ²	1,000 bales ²	1,000 bales ²	Percent
North Carolina	234	166	165	-0.6	327	287	465	+62.0	171	100	160	+60.0
South Carolina	372	287	290	+1.0	445	342	356	+4.1	353	205	215	+4.9
Georgia	423	385	380	-1.3	412	351	366	+4.3	398	282	290	+2.8
Tennessee	392	400	390	-2.5	491	505	480	-5.0	428	422	390	-7.6
Alabama	614	545	540	-0.9	411	405	453	+11.9	560	461	510	+6.3
Missouri	230	292	275	-5.8	468	533	393	-26.3	243	326	225	-31.0
Mississippi	1,176	1,185	1,190	+0.4	658	534	659	+23.4	1,637	1,322	1,635	+23.7
Arkansas	1,001	1,055	1,080	+2.4	486	518	478	-7.7	1,058	1,140	1,075	-5.7
Louisiana	423	420	455	+8.3	589	551	559	+1.5	515	483	530	+9.7
Oklahoma	452	465	450	-3.2	282	288	197	-31.6	266	279	185	-33.7
Texas	4,572	4,675	4,851	+3.8	384	294	321	+10.9	3,653	2,862	3,247	+13.5
New Mexico	153	146	142	-2.7	627	517	455	-19.9	201	157	135	-14.0
Arizona	302	310	275	-11.3	1,035	979	854	-12.8	658	634	489	-22.9
California	672	701	662	-5.6	1,029	898	845	-5.9	1,458	1,315	1,165	-11.4
Other States ³	60	26	23	-11.5	404	390	400	+2.6	28	21	19	-9.5
U.S.	11,076	11,058	11,168	+1.0	497	434	441	+1.6	11,627	10,009	10,270	+2.6
American Pima ⁴	78.7	75.3	74.5	-1.1	523	493	396	-19.7	86.0	77.7	61.5	-20.8

¹ December 1 estimate. ² Bales of 500 pounds gross weight. A 500-pound bale contains about 480 pounds of lint. ³ Includes Virginia, Florida, Illinois, Kentucky, Kansas, and Nevada. ⁴ Included in State and United States totals. (American-Egyptian prior to July 1970).

Table 2.—Cotton, upland: Ginnings, by staple length, crops of 1969 and 1970

Staple	Season through November 30			
	Quantity		Percentage of total	
	1969	1970 ¹	1969	1970 ¹
	1,000 bales	1,000 bales	Percent	Percent
7/8 and shorter	111.8	30.9	1.4	0.3
29/32"	298.2	313.3	3.6	3.6
15/16"	364.7	867.1	4.4	9.9
31/32"	272.1	451.1	3.3	5.1
1"	298.3	399.2	3.6	4.5
1-1/32"	793.3	884.6	9.5	10.1
1-1/16"	2,783.2	3,354.5	33.3	38.2
1-3/32"	2,775.2	1,793.2	33.2	20.4
1-1/8"	493.9	593.1	5.9	6.7
1-5/32" and longer	151.0	110.8	1.8	1.2
Total	8,341.7	8,797.8	100.0	100.0

¹ Preliminary.

Consumer and Marketing Service.

million bales from last summer's total of around 3 million.

An upland cotton "shortfall" of 961,000 bales was announced by USDA on December 30, 1970. This is the amount by which estimated upland cotton requirements

for domestic use and export will exceed production during the 1970/71 marketing year. It was based on estimated disappearance of 11.1 million bales and indicated production of 10,139,000 bales from the 1970 crop. USDA pledged to make available a quantity of cotton equal to the "shortfall" for unrestricted use at current market prices in a manner which would not unduly affect market prices. However, the "shortfall" is subject to revision if there are substantial changes in estimated requirements or production. From August through January 15, 909,679 bales of cotton were sold and applied to the "shortfall".

Farm prices for upland cotton during the first third of the 1970/71 season exceeded the year-earlier level by about 7 percent. To December 1, upland cotton prices averaged 22.4 cents per pound, compared with 20.94 cents during 1969/70. Although prices dipped in December to 20.96 cents, lowest of the season, they still were 1 cent above December 1969 (table 19). The preliminary value of the 1970 upland cotton crop is one-tenth greater than for the 1969 crop.

The support price for the 1970 crop of upland cotton (average of the crop) is 20.15 cents, almost 1/2 cent above the previous crop. Prices received by farmers do not include the direct price support payment on domestic allotments (65 percent of the farmer's final allotment) which was 16.80 cents this season. The 1969 payment was 14.73 cents per pound.

Table 3.—Commodity Credit Corporation stocks of cotton, United States, August 1, 1970 to date

Date	Total	Upland			Extra-long staple ¹		
		Owned ²	Under loan	Total	Owned ³	Under loan	Total
1,000 bales							
August 1	3,030	2,957	---	2,957	73	---	73
August 7	2,944	2,881	---	2,881	63	---	63
August 14	2,942	2,881	---	2,881	61	---	61
August 21	2,918	2,858	---	2,858	60	---	60
August 28	2,918	2,858	---	2,858	60	---	60
September 4	2,819	2,751	9	2,760	59	---	59
September 11	2,826	2,751	16	2,767	59	---	59
September 18	2,673	2,595	19	2,614	59	---	59
September 25	2,672	2,595	18	2,613	59	---	59
October 2	2,619	2,542	20	2,562	57	---	57
October 9	2,625	2,542	26	2,568	57	---	57
October 16	2,525	2,419	49	2,468	57	---	57
October 23	2,564	2,419	89	2,508	56	---	56
October 30	2,531	2,318	157	2,475	56	---	56
November 6	2,584	2,318	211	2,529	55	(⁴)	55
November 13	2,569	2,242	272	2,514	55	(⁴)	55
November 20	2,764	2,242	466	2,708	54	2	56
November 27	2,907	2,210	641	2,851	53	3	56
December 4	3,111	2,210	845	3,055	52	4	56
December 11	3,204	2,168	982	3,150	47	7	54
December 18	3,417	2,168	1,194	3,362	47	8	55
December 25	3,417	2,036	1,326	3,362	47	8	55
January 1	3,528	2,036	1,434	3,470	47	11	58
January 8	3,862	2,012	1,795	3,807	43	12	55
January 15	3,994	2,012	1,925	3,937	39	18	57

¹Includes American Pima and Sea Island. ²Excludes cotton sold September 9 to date for delivery in the 1970 marketing year. ³Includes American Pima cotton transferred to CCC from the national stockpile. ⁴Less than 500 bales.

Agricultural Stabilization and Conservation Service.

Average spot market prices for most qualities have strengthened in recent weeks after declining slightly from early-season levels. Prices now are generally near or above year-earlier levels with shorter staples showing the biggest increases.

The average spot market price for Middling 1¹/₁₆-inch cotton was 24.55 cents per pound in December, down slightly from December 1969. For Middling 1⁵/₁₆-inch cotton, the price in December averaged 21.06 cents, 0.57 cent above the year-earlier price (table 19).

Mill Use Estimated at 8 Million Bales as Competition Moderates

Use of cotton by U.S. mills during 1970/71 is estimated to match or slightly exceed last year's level of 8 million bales, which was about 1 million below the 1964-68 average. Cotton appears to be faring a little better this season in its competition with man-made fibers. Also, cotton textile imports have declined slightly in recent months, reducing the supply of competitive fabrics. But the prospect of further reduced military purchases of cotton textiles as well as the current slowdown in general economic activity may limit any gain in total cotton use.

The daily rate of mill consumption of cotton has increased slightly during recent months. The seasonally adjusted rate was 30,916 bales in December, slightly above the previous month and the year-earlier level (table 4). The ratio of inventories to unfilled orders for cotton cloth, normally a reliable short-term indicator of

future cotton use, dropped to a 3-year low in November as orders picked up (table 5). Although this does not yet suggest a significant upturn in the rate of use, inventories of cloth are low and a continued pickup in orders could be reflected rather quickly in mill use of cotton.

Mill use of cotton during recent months has held near the year-earlier level despite reduced supply levels for some of the shorter staples. For instance, the current supply of cotton stapling less than 1-inch is running about 15 percent of the total, near last year's low level (table 17). However, mills are apparently substituting longer stapled cotton rather than man-made fibers as was done in 1967/68. Mill use of shorter than 1-inch cotton declined to about 9 to 10 percent of total use during recent months, slightly below a year earlier; however, consumption of medium and most longer staples increased as percentages of total use (table 20).

Competition from man-made fibers, which have penetrated many of cotton's markets in recent years, appears to be moderating this year. There are indications that competitive losses to man-made fibers, which slowed last year, will be halted during 1970/71. For example, while use of cotton during August-December approximated the year-earlier total, cotton-equivalent consumption of man-made staple fiber on cotton-system spinning spindles was down over 7 percent. Rayon and acetate use was down 21 percent; non-cellulosic use was up less than 1 percent (table 6). In addition to increasing competition from cotton, greater textile imports probably have hurt man-made fiber use.

Another indication that cotton is at least holding its own in its battle with man-made fibers is its relatively

Table 4.—Cotton and man-made staple fiber: Daily rate of mill consumption on cotton-system spinning spindles, and unadjusted and seasonally adjusted, August 1969 to date

Month	Upland cotton				Man-made staple							
	1969/70		1970/71 ¹		1969/70				1970/71 ¹			
	Unad-justed	Ad-justed	Unad-justed	Ad-justed	Rayon and acetate		Non-cellulosic ²		Rayon and acetate		Non-cellulosic ²	
					Unad-justed	Ad-justed	Unad-justed	Ad-justed	Unad-justed	Ad-justed	Unad-justed	Ad-justed
Bales ³	Bales ³	Bales ³	Bales ³	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	
August	30,997	30,330	29,271	28,641	2,580	2,525	3,419	3,365	2,027	1,976	3,314	3,264
September	31,255	31,318	30,038	30,098	2,644	2,592	3,416	3,389	1,946	1,906	3,243	3,217
October	31,913	30,923	31,262	30,322	2,638	2,517	3,385	3,290	2,013	1,921	3,373	3,278
November	31,851	30,893	31,623	30,702	2,552	2,426	3,391	3,398	2,006	1,909	3,447	3,454
December	28,314	31,544	28,659	30,916	2,098	2,237	3,076	3,406	1,830	1,951	3,395	3,760
January	31,355	30,501			2,298	2,271	3,372	3,345				
February	30,874	29,772			2,160	2,047	3,435	3,354				
March	30,724	29,373			2,206	2,127	3,411	3,206				
April	30,330	30,059			2,150	2,187	3,375	3,332				
May	30,022	29,035			2,100	2,045	3,449	3,235				
June	28,817	28,363			1,967	1,955	3,386	3,297				
July	26,274	32,041			1,678	2,121	2,954	3,504				

¹Preliminary. ²Includes nylon, acrylic and modacrylic, polyester, and other man-made fibers. ³Running bales.

Bureau of the Census, Current Industrial Reports, M22P Supplement, April 29, 1970, and subsequent monthly reports.

Table 5.—Cotton broadwoven goods at U.S. cotton mills: Ratio of stocks to unfilled orders, seasonally adjusted

Month ¹	1966	1967	1968	1969	1970
January	0.20	0.26	0.37	0.43	0.43
February . . . . .	.19	.29	.42	.43	.45
March . . . . .	.18	.32	.42	.41	.44
April . . . . .	.17	.33	.41	.39	.43
May . . . . .	.17	.37	.42	.40	.41
June . . . . .	.17	.40	.42	.39	.37
July . . . . .	.17	.41	.40	.38	.38
August . . . . .	.18	.36	.42	.40	.38
September . . . . .	.18	.37	.44	.41	.36
October . . . . .	.21	.38	.41	.42	.37
November . . . . .	.23	.34	.40	.39	.34
December . . . . .	.25	.35	.40	.42	

¹End of month.

Based on data from American Textile Manufacturers Institute, Inc.

constant market share. For instance, during calendar 1970, cotton's share of the textile market likely remained near the previous year's 40 percent despite a small decline in total use. This marked the first year in a decade in which cotton's share did not decline significantly. However, per capita cotton use dropped about 4 percent in 1970 to 18.6 pounds. At the same time, man-made fiber consumption also declined slightly for the first time since 1960. As a result, estimated total fiber use dropped to 46.7 pounds per capita, 1.4 pounds below the year-earlier level (table 7).

Cotton still faces keen competition from fabric blends. The major blend is polyester and cotton, with cotton usually the minor fiber. In calendar 1970, production of polyester-cotton blends totaled about 2 billion linear yards, equivalent to about one-third of total cotton broadwoven goods production, up from 27 percent in 1969. Although a further increase is likely in 1971, the rate of growth may not match last year's rate.

One of the major polyester-cotton blends is bedsheeting. Increased use of blends in this market caused all-cotton use to decline about one-fourth between 1968 and 1969. However, cotton consumed in 100-percent cotton sheets increased 10 percent during the first half of 1970 compared with the year-earlier period.

A 1971 cotton research and promotion budget of \$10 million has been approved to help cotton compete more effectively with man-made fibers. This is slightly larger than the 1970 budget. Funds are collected from cotton producers under the auspices of the Cotton Research and Promotion Act of 1966. The budget for 1971 is about equally divided between research and promotion. In previous years, the ratio of expenditures was about two-thirds for promotion and one-third for research.

The 1971 program places major emphasis on cooperation with textile mills and manufacturers in coordinating market development and technical research activities. Cooperative advertising, product development and improvement, and research to cut farm production costs will also receive major emphasis.

The Agricultural Act of 1970 will provide additional funds for cotton research and promotion efforts. For each of the 1971, 1972, and 1973 crops, up to \$10 million is to be made available from government savings resulting from the reduction of payments to producers due to payment limitations. In addition, the Secretary of Agriculture has the discretion to make an additional \$10 million available for both the 1972 and 1973 crops.

Cotton textile imports, another competitor with U.S. mill use, have leveled off in recent years. During 1970, imports were equivalent to about 1 million bales of cotton, about 3 percent below a year earlier, but above

Table 6.—Upland cotton and man-made staple fibers¹: Mill consumption on cotton-system spinning spindles, by months, 1968/69 to date

Year and month ²	Cotton	Cotton equivalent man-made staple fibers ³		
		Rayon and acetate	Non-cellulosic	Total
	Bales ⁴	Bales ⁵	Bales ⁵	Bales ⁵
1968/69				
August (4)	654,006	125,982	171,364	297,346
September (4)	633,253	127,566	173,639	301,205
October (4)	799,933	158,503	223,164	381,667
November (4)	647,643	129,060	178,477	307,537
December (4)	567,883	117,297	160,544	277,841
January (5)	793,287	160,946	224,611	385,557
February (4)	639,960	131,679	181,708	313,387
March (4)	652,928	131,131	188,392	319,523
April (5)	781,075	155,141	224,885	380,206
May (4)	647,853	131,466	194,451	325,917
June (4)	634,414	122,345	189,585	311,930
July (5)	639,532	123,624	201,016	324,640
Total ⁶	8,088,767	1,614,740	2,311,836	3,926,576
1969/70				
August (4)	619,941	118,241	195,176	313,417
September (4)	634,267	121,181	194,997	316,178
October (5)	797,825	151,110	241,551	392,661
November (4)	637,019	116,953	193,584	310,537
December (5)	707,848	120,200	219,494	339,694
January (4)	627,099	105,334	192,465	297,799
February (4)	617,482	98,986	196,070	295,056
March (5)	768,100	126,411	243,398	369,809
April (4)	606,616	98,542	192,682	291,224
May (4)	600,431	96,239	196,889	293,128
June (5)	720,439	112,690	241,585	354,275
July (4)	530,097	76,901	168,601	245,502
Total ⁶	7,857,998	1,342,788	2,476,492	3,819,280
1970/71				
August (4)	585,416	92,916	189,177	282,093
September (5)	750,943	111,467	229,224	340,691
October (4)	625,241	92,260	192,531	284,791
November (4)	632,455	91,971	196,738	288,709
December ⁷ (5)	716,477	104,846	242,273	347,119

¹In cotton-equivalent bales. ²Numbers in parentheses indicate number of weeks in period. ³Based on a cotton-equivalent factor of 1.10 for rayon and acetate and 1.37 for non-cellulosic. ⁴Running bales. ⁵Cotton equivalent of monthly consumption divided by 480. ⁶Sum of monthly consumption not adjusted to August 1-July 31 marketing year basis. ⁷Preliminary.

the 1964-68 average of 0.9 million. At the same time, U.S. cotton textile exports likely were equivalent to about 0.4 million bales, 12 percent below 1969, but near the 1964-68 average (tables 21 and 22).

Man-made fiber textile imports also affect cotton use by domestic mills. These imports have increased rapidly in recent years and now are running about 25 percent above the year-earlier level. Imports probably exceeded 800 million pounds in 1970, about quadruple the 1965 total (tables 23 and 24).

Textile deliveries to U.S. military forces, although a small proportion of total cotton use, are important to the cotton outlook. Cotton usually comprises a substantial percentage of total deliveries. On a raw fiber equivalent basis, cotton deliveries this crop year are running at an annual rate of less than 50,000 bales, about one-third the 1969/70 level, reflecting a general

textile fabric cutback from levels of recent years (tables 25, 26, and 27).

The average mill margin between the wholesale value of fabric produced from a pound of cotton and raw cotton prices has increased in recent months to the highest level since the series originated almost 5 years ago. In December, the margin averaged 44.29 cents per pound, about $\frac{1}{3}$ cent above the previous month and December 1969.

Higher cloth values were primarily responsible for the recent rise in the mill margin, as the average price paid by mills for raw cotton changed little. Fabric prices averaged 69.84 cents in December, slightly above November and the highest since April 1966. Cotton prices remained around 25.50 cents during early 1970/71 (table 8).

Extra-Long Staple Cotton Stocks Falling Sharply

Stocks of extra-long staple cotton are expected to register a further substantial decline during 1970/71. Although disappearance may be down slightly due to smaller anticipated mill use, 1970 production fell sharply, causing the prospective carryover to drop well below the inventory of 107,000 bales last August (table 15).

U.S. production of extra-long staple cotton is estimated at 60,000 running bales, down from 76,800 last season. A 20-percent decline in yield per acre is responsible; harvested acreage was about unchanged (table 1).

The average price received by farmers for extra-long staple cotton to December 1 was 44.6 cents per pound, about 4 cents above the year-earlier price. December's 44.7 cents was a shade above November 1970 and well above December 1969. The support price for the 1970 crop is 40.5 cents, half a cent above a year earlier. Producers are eligible for a direct price support payment of 9.29 cents a pound, slightly above last season's 8.88 cents.

CCC has sold at market prices most of the current season's 43,000 bales of extra-long staple cotton "shortfall" (quantity by which estimated requirements for domestic use and exports of American Pima cotton exceed U.S. production). Through mid-January, 38,947 bales had been sold. After the "shortfall" is sold, CCC will continue to offer its stocks for sale for unrestricted use at not less than the higher of 115 percent of the current loan rate plus reasonable carrying charges, or the market price.

For the 1971 crop of extra-long staple cotton, USDA announced a national marketing quota of 120,000 bales and a national acreage allotment of 117,791 acres, 50 percent above 1970 (table 9). The allotment is based on the acreage necessary to satisfy the quota, which is the sum of estimated domestic use and exports less imports for 1971/72. The larger quota reflects the need to

Table 7.—Mill consumption of fibers: Total, per capita and percentage distribution, by fiber, 1958 to date

Year beginning January 1	Cotton			Man-made ¹			All fibers ²	
	Total	Share of fibers	Per capita	Total	Share of fibers	Per capita	Total	Per capita ³
	Million pounds	Percent	Pounds	Million pounds	Percent	Pounds	Million pounds	pounds
1958	3,866.9	68.4	22.2	1,764.2	29.5	10.1	5,971.5	34.3
1959	4,334.5	68.3	24.5	2,064.7	30.2	11.7	6,846.3	38.7
1960	4,190.9	64.6	23.2	1,877.8	28.9	10.4	6,491.4	35.9
1961	4,081.5	62.1	22.2	2,060.7	31.4	11.2	6,567.0	35.7
1962	4,188.0	59.4	22.4	2,418.5	34.3	13.0	7,048.0	37.8
1963	4,040.2	55.7	21.3	2,787.8	38.4	14.7	7,252.8	38.3
1964	4,244.4	54.5	22.1	3,172.8	40.7	16.5	7,788.1	40.5
1965	4,477.5	52.7	23.0	3,620.6	42.6	18.6	8,498.4	43.7
1966	4,630.5	51.4	23.5	3,992.0	44.3	20.3	9,007.4	45.7
1967	4,423.0	49.2	22.2	4,236.6	47.2	21.3	8,982.5	45.1
1968	4,146.5	42.4	20.6	5,295.8	54.1	26.3	9,784.2	48.6
1969 ⁴	3,932.7	40.2	19.4	5,536.5	56.5	27.2	9,791.9	48.1
1970 ⁵	3,825.0	39.8	18.6	5,515.0	57.4	27.1	9,600.0	46.7

¹Includes manufactured waste reported by *Textile Organon*.
²Includes flax and silk and wool. ³Total consumption divided by population. ⁴Preliminary. ⁵Estimated.

Compiled from *Textile Organon* and reports of the Bureau of the Census.

Table 8.—U.S. price of unfinished cloth (expanded series), price of raw cotton, and mill margin

Year and month	Cotton fabric		
	Fabric values ¹	Price of raw cotton ²	Mill margins ³
	<i>Cents</i>		
1969			
August	68.62	25.11	43.51
September	68.79	24.76	44.03
October	68.81	24.75	44.06
November	68.84	24.88	43.96
December	68.87	24.95	43.92
January	68.90	24.98	43.92
February	68.88	25.02	43.86
March	68.85	25.06	43.79
April	68.76	25.11	43.65
May	68.58	25.17	43.41
June	68.56	25.23	43.33
July	68.46	25.35	43.11
Average	68.74	25.03	43.71
1970			
August	68.47	25.49	41.98
September	68.81	25.52	43.29
October	69.12	25.59	43.53
November	69.48	25.52	43.96
December	69.84	25.55	44.29

¹Estimated value of fabric obtainable from a pound of raw fiber. ²Monthly average prices per pound for four territory growths, even running lots, mike 3.5-4.9, prompt shipment, delivered Group 201. Mill Points (Group B). ³Difference between fabric values and fiber prices.

Consumer and Marketing Service.

maintain an adequate ELS cotton supply. About 94 percent of ELS cotton producers have approved marketing quotas, considerably above the two-thirds

Table 9.—State acreage allotments for extra-long staple cotton, 1967-71

State	Acreage allotment				
	1967	1968	1969	1970	1971
	<i>Acres</i>				
Arizona	30,591	30,610	34,597	34,037	51,097
California	472	474	533	523	780
Florida	198	181	184	148	209
Georgia	98	97	110	108	159
New Mexico	14,249	14,264	16,137	15,914	23,933
Texas	24,846	24,851	28,088	27,666	41,613
Puerto Rico	46	23	11	2	0
Total	70,500	70,500	79,660	78,398	117,791

Agricultural Stabilization and Conservation Service.

majority required of those voting in the annual referendum.

Producers indicated January intentions to plant 102,700 acres of ELS cotton in 1971 (table 13). This compares with 75,900 acres last year and reflects the increased allotment.

Cotton Linters Supply and Use May Fall Slightly

The supply of cotton linters during 1970/71 is expected to total slightly below last season's 1¼ million bales. Moderately lower beginning stocks and slightly smaller anticipated imports may more than offset larger production. Based on the December 1 estimate of the cotton crop, production of cotton linters is expected to

total about 2 percent above last year's 1.2 million bales. August 1 stocks were down about one-fifth to the lowest level since 1951/52 (table 28).

Linters disappearance may fall moderately below the 1.3 million bales of 1969/70. During early 1970/71, both consumption and exports were sharply below year-earlier levels. Use of chemical linters was down 17 percent during August-November; felting linters consumption was down 10 percent. Smaller supplies and higher prices may have cut use. The price for grade 4 staple 4 felting linters averaged 5.38 cents per pound in December, slightly above both the previous month and December 1969.

EXPORT MARKET OUTLOOK

U.S. Share of World Trade May Increase

During 1970/71, world cotton exports are projected by the Foreign Agricultural Service to total near last season's 17.2 million bales. While foreign Free-World shipments are expected to decline slightly, U.S. exports may gain sharply—possibly accounting for about one-fifth of total trade, up from 17 percent in 1969/70 (table 30).

Both world cotton production and consumption are projected to remain near last year's levels of 51.7 and 53.2 million bales, respectively. A small gain is possible for cotton use with perhaps a slight decline in production. Use may increase a little in communist and foreign Free-World countries; little change is likely in the United States. Despite record-high USSR production, world cotton output may decline slightly, reflecting sharply lower foreign Free-World prospects (table 31).

U.S. Export Prospects Improve as FFW Supplies Plummet

Recent developments in the foreign Free-World cotton situation have led to improved U.S. export prospects. Shipments probably will total at least 3½ million bales, sharply above last year's below-average 2.8 million. Low stock levels, record-high consumption prospects, and declining production in the foreign Free World point to increased demand for U.S. cotton during the remainder of 1970/71. During August-December, U.S. exports totaled 967,400 bales, 28 percent above the first 5 months of 1969/70. Shipments are expected to continue to exceed year-earlier levels during the balance of 1970/71.

The foreign Free-World production-consumption gap is expected to widen substantially during 1970/71, according to the Foreign Agricultural Service. Consumption is estimated to increase slightly to a record-high 27.3 million bales. In contrast, production will fall below 24 million bales, down over 2 million from 1969/70 and the smallest since 1966/67. Thus, the difference between production and consumption may increase to about 3½ million bales, up almost 2½ million from last year (table 10 and figure 3).

Smaller production is based on both reduced acreage and yields. Acreage is expected to decline about 1.7 million acres or 3 percent below the 50.7 million planted in 1969/70; yields may average about 231 pounds, 6 percent below last season. About one-fourth of the anticipated output decline may occur in Brazil where acreage is down sharply. Significantly lower production also is expected in Mexico, India, Nigeria, United Arab Republic, Greece, and Cameroon (table 31). Major factors include adverse growing conditions, unfavorable cotton prices, and tightness of credit.

Table 10.—Cotton: Supply and distribution in the foreign Free World, 1959-70

Item	Year beginning August 1											
	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969 ²	1970 ³
	<i>Million bales</i>											
Starting carryover ¹	8.9	9.0	9.9	9.3	9.5	10.0	10.4	10.4	10.9	12.2	13.1	12.6
Production	16.6	19.0	19.5	21.9	22.0	22.9	23.6	22.8	23.9	26.0	25.8	23.3
Imports from United States	7.1	6.4	4.8	3.2	5.5	4.0	2.9	4.6	4.1	2.6	2.7	3.4
Total	32.6	34.4	34.2	34.4	37.0	36.9	36.9	37.8	38.9	40.8	41.6	39.3
Consumption	22.2	23.4	23.6	23.4	24.5	25.0	25.0	25.5	25.7	26.5	27.2	27.3
Exports to United States, net exports to United States, net exports to communist countries, and destroyed	1.4	1.1	1.3	1.5	2.5	1.5	1.5	1.4	1.0	1.2	1.8	1.0
Total	23.6	24.5	24.9	24.9	27.0	26.5	26.5	26.9	26.7	27.7	29.0	28.3
Ending carryover ¹	9.0	9.9	9.3	9.5	10.0	10.4	10.4	10.9	12.2	13.1	12.6	11.0

¹Includes cotton afloat, in transit, and in free ports. ²Preliminary. ³Estimated.

Foreign Agricultural Service.

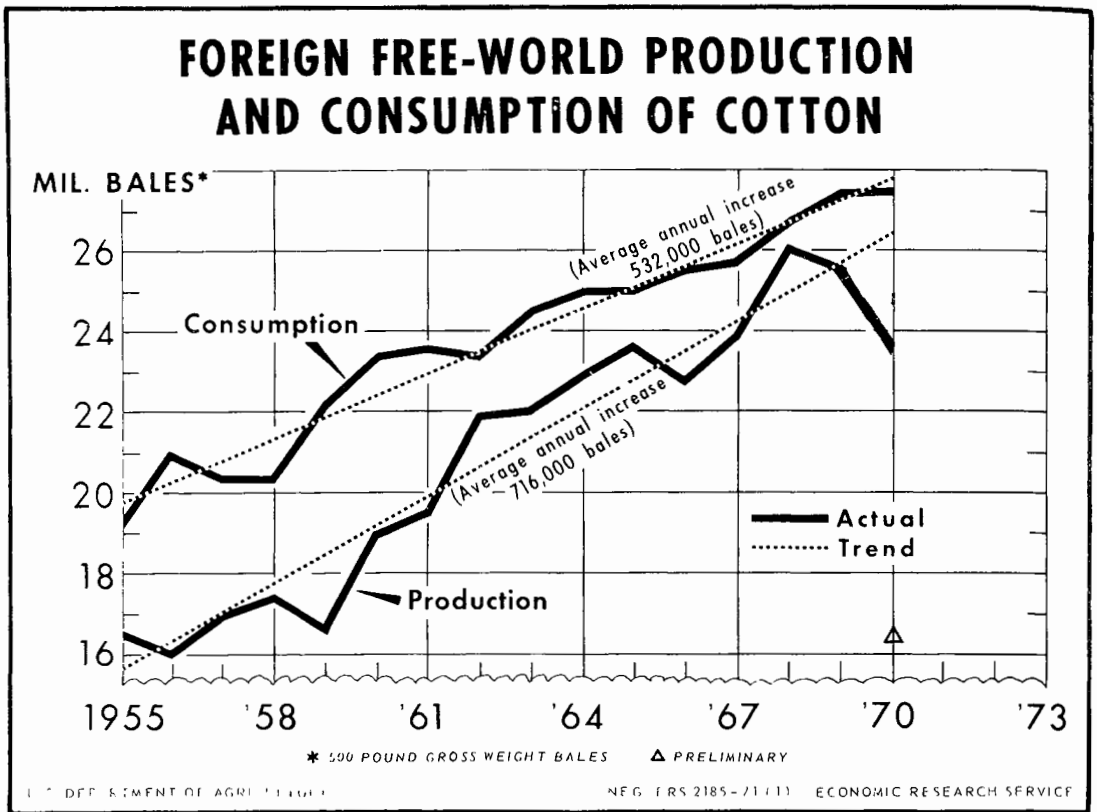


Figure 3

Brighter prospects for foreign Free-World cotton consumption are based primarily on increased use in net exporting countries. Expanding populations and higher incomes are contributing to slightly larger cotton use. However, increasing use of man-made fibers is continuing to limit gains in cotton consumption.

The 1970/71 outlook for foreign Free-World production is in contrast to the longer term trend. During 1955-70, production increased at an average annual rate of 716,000 bales, while consumption gained 532,000 bales a year (figure 3). Thus, the production deficit has steadily narrowed—declining almost 3 million bales over the 15-year span. However, since 1962, the upward trend in production has slowed, resulting in a relatively constant annual production-consumption gap of about 2 million bales. This apparent recent shift in the foreign Free-World production trend, if maintained, bodes well for future U.S. cotton exports.

Funds Available for Government Export Financing

Through mid-January, funds available for financing U.S. cotton exports under special government programs (including authorizations and loans issued but not used

in previous years and those which may not be used in fiscal 1971) would cover shipments of around 1.4 million bales, compared with estimated shipments of 1.7 million in 1969/70. Currently available authorizations under P.L. 480 for financing cotton exports during 1970/71 are below last year's total, while Export-Import Bank credits issued are higher (table 29).

Prices Remain Firm in Import Markets

Prices for most qualities of both U.S. and foreign-grown cotton, c.i.f. Liverpool, have increased during the past year and now exceed their year-earlier levels by 1/3 cent a pound in most instances. Recent price quotations for U.S.-grown cotton generally have averaged near or slightly below those of competitive growths (tables 33 and 34).

U.S. Strict Middling $1\frac{1}{16}$ inch cotton prices averaged 30.39 cents per pound in December, slightly below the previous 2 months but almost 2 cents above the year-earlier level. In comparison with the c.i.f. Liverpool index for similar qualities, the U.S. price was about $\frac{1}{4}$ cent lower in December (table 11).

U.S. and foreign average spot export prices are shown in table 35.

Table 11.—Index of prices of selected cotton growths and qualities, and price per pound of U.S. SM 1-1/16" c.i.f. Liverpool, England

Month	1968		1969		1970	
	Index ¹	U.S. SM 1-1/16" ²	Index ¹	U.S. SM 1-1/16" ²	Index ¹	U.S. SM 1-1/16" ²
	<i>Cents</i>					
January	33.10	36.31	28.19	29.01	28.19	28.75
February	32.42	34.28	27.78	28.79	28.08	28.81
March	31.84	33.62	27.83	28.60	28.19	29.00
April	31.26	32.80	28.31	28.60	28.38	29.31
May	30.90	32.70	28.64	28.60	28.50	29.40
June	30.68	33.18	28.19	28.49	28.50	29.45
July	30.56	34.30	27.74	28.13	28.58	29.70
August	30.61	34.30	27.09	28.00	28.84	29.75
September	30.05	33.79	26.99	28.00	29.32	30.26
October	29.91	31.94	27.15	28.15	29.66	30.70
November	29.18	30.16	27.74	28.56	30.20	30.58
December	³ 28.55	³ 28.25	³ 28.75	³ 28.75	30.68	30.39
Average	30.74	33.07	27.82	28.47	28.93	29.68

¹ Average of the 6 cheapest growths of SM-1/16-inch cotton activity traded for the period in Liverpool market. ² Based on offers of minimum micronaire of 3.5 to 4.9. ³ Average of 3 quotations.

Compiled from Foreign Agriculture Service records and the weekly *Cotton and General Economic Review*, Liverpool, England.

OUTLOOK FOR 71/72

COTTON LEGISLATION

The Agricultural Act of 1970, a 3-year program covering upland cotton, wool, wheat, feed grains, and dairy, was enacted in November. USDA in December proclaimed a national average 1971-crop price-support loan rate of 19.50 cents per pound, net weight basis for upland cotton, and gave other features of the new program. Simultaneously, USDA revoked the upland cotton marketing quota and national acreage allotment proclaimed October 15, 1970, which was required by legislation in force at that time. The USDA announcement stated in part:

"The national average price-support loan rate of 19.50 cents per pound is for [basis] Middling 1-inch upland cotton (micronaire 3.5 through 4.9) on a net weight basis, average location. Application of loan rates on a "net weight" basis is a change from the previous method of basing loans on gross weight. If loans were made in 1971 on the basis of bale gross weight, as was the case in 1970 and many earlier years, the 1971 loan rate would be approximately 18.70 cents.

"The 1971 loan rate was established under provisions of the Agricultural Act of 1970 which provides for a level to reflect—for Middling 1-inch upland cotton, micronaire 3.5 through 4.9, at average location in the U.S.—90 percent of the estimated average world price for such cotton for the 2-year period ending July 31, 1970.

"A preliminary set-aside program payment rate to cooperators has been established by the 1970 act at 15.00 cents per pound. The final set-aside program payment, together with the national average market price for Middling 1-inch cotton, micronaire 3.5 through 4.9, in the designated spot markets during the August-December 1971 period must equal the higher of (1) 35.00 cents, or (2) 65 percent of parity as of the beginning of the marketing year, August 1, 1971. The payment will not be reduced if the rate as finally determined is less than the rate of the preliminary payment.

"The Agricultural Act of 1970 limits cotton payments to any person to \$55,000. This limitation does not apply to loans.

"Special provision for small farms also is provided. The payment rate will be increased by 30 percent to any producer who (1) is on a farm on which the base acreage allotment is 10 acres or less with payment production from the farm base allotment of 5,000 pounds or less, (2) resides on such farms, and (3) derives his principal income from cotton produced on such farm.

"Loans on 1971-crop upland cotton will be available to program cooperators for a term of 10 months from the first day of the month in which the loan is made upon presentation of warehouse receipts reflecting accrued storage charges of not more than 60 days. In prior years, the loan maturity date was July 31 following the year in which the cotton was produced.

“Also announced, as required by the new law, is the national production goal of 11,993,500 bales (standard bales of 480 pounds, net weight) and a national base acreage allotment of 11,500,000 acres for the 1971 crop of upland cotton (table 12). The national production goal is the sum of the estimated domestic consumption and estimated exports for the 1971/72 marketing year which begins August 1, 1971, plus an allowance of five percent of the estimated domestic consumption and exports for market expansion, plus an adjustment necessary to provide carryover stocks in the United States on July 31, 1972, equal to 50 percent of the average offtake for the 3 preceding marketing years.

“To be eligible for loans and payments, cotton producers must set aside and devote to conserving uses an acreage of cropland not to exceed 20 percent of the farm base acreage allotment, plus the conserving base established for the farm. The decision on the actual percentage to be set aside will be made prior to the program signup period. Unlike previous programs, the farm allotment will not limit the acreage of cotton a participant can plant. A cotton farmer who sets aside the required acreage to conserving uses can plant all of the cotton he wishes—without penalty—and still receive the full payment on the farm base acreage allotment.

“Failure to plant at least 90 percent of the farm’s base acreage allotment will result in a reduction in payments [unless such failure resulted from natural disaster or payment limitations]. It could also result in a reduction in the 1972 allotment of as much as 20 percent. If no cotton is planted for three consecutive years, the entire allotment can

be lost. All allotments removed from farms will be reallocated to other cotton farms.

“Release and reapportionment and sale and lease of allotments are continued under the new program. The December 31 deadline for filing applications for sale and lease of allotments is eliminated so producers will have ample time to complete these transactions.

“The same skip-row planting rules which were in effect for the 1970 crop will be applicable to the 1971 crop except that skips of two or more rows will be eligible for designation as set-aside acreage. Under past programs, skips had to be at least four rows wide in order to be eligible for designation as diverted acres. As under past programs, skips of one or more rows will count toward meeting the conserving base requirement for the farm.”

PLANTING INTENTIONS

Cotton producers have indicated January intentions to plant about 11.8 million acres of upland cotton in 1971. This compares with 1970 plantings of 11.9 million acres and the 1966-70 average of 10.8 million planted under the auspices of the Agricultural Act of 1965. Slightly smaller planting intentions this year reflect declines in the Southeast, Delta, and West; intentions are slightly higher in the Southwest (table 13). However, farmers are expected to plant above their respective 1971 base acreage allotments in all areas except the Southeast.

When the planting intentions survey was conducted, farmers did not have complete information on the new cotton program provisions. Final program provisions are expected to be announced in early February. Any changes in farmers’ intentions will be reflected in the regular spring planting intentions report to be released March 16.

Table 12.—Cotton, upland: Acreage allotments, by regions and each region as a percentage of total, 1959 to 1971

Year	West		Southwest		Delta		Southeast		United States
	1,000 acres	Pct.	1,000 acres	Pct.	1,000 acres	Pct.	1,000 acres	Pct.	1,000 acres
1959 ¹	1,474	8.5	8,039	46.3	4,709	27.1	3,116	18.0	17,346
1960 ¹	1,587	9.0	8,148	46.4	4,707	26.8	3,112	17.7	17,554
1961	1,408	7.6	8,711	47.2	4,957	26.9	3,382	18.3	18,458
1962	1,392	7.7	8,546	47.2	4,840	26.7	3,324	18.4	18,102
1963	1,246	7.7	7,627	46.9	4,350	26.8	3,027	18.6	16,250
1964 ²	1,244	7.7	7,590	46.9	4,360	26.8	3,006	18.6	16,200
1965	1,242	7.7	7,590	46.9	4,367	26.9	3,001	18.5	16,200
1966 ²	1,243	7.7	7,592	46.9	4,365	26.9	3,000	18.5	16,200
1967 ²	1,249	7.7	7,595	46.9	4,363	26.9	2,993	18.5	16,200
1968 ²	1,250	7.7	7,594	46.9	4,361	26.9	2,995	18.5	16,200
1969 ²	1,250	7.7	7,589	46.9	4,364	26.9	2,997	18.5	16,200
1970 ²	1,327	7.7	8,045	46.9	4,625	27.0	3,153	18.4	17,150
1971 ²	896	7.8	5,419	47.1	3,102	27.0	2,083	18.1	³ 11,500

¹Includes acreage added by Choice B selection. ²Does not include acreage permitted for export cotton. ³National base acreage allotments for price support payments.

Computed from reports of the Agricultural Stabilization and Conservation Service.

Table 13.— Cotton: Acreage planted, by States, average 1964-68, annual 1969 and 1970, indicated 1971, and 1971 as a percent of 1970

States	Planted acres				
	1964-68 average	1969	1970 ¹	1971 ²	1971 as a Percent of 1970
	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>1,000 acres</i>	<i>Percent</i>
North Carolina	283	184	173	175	101
South Carolina	413	350	346	350	101
Georgia	477	410	405	375	93
Tennessee	429	420	425	400	94
Alabama	667	566	565	525	93
Missouri	303	312	310	310	100
Mississippi	1,222	1,225	1,235	1,250	101
Arkansas	1,066	1,090	1,120	1,050	94
Louisiana	438	440	465	450	97
Oklahoma	498	500	525	525	100
Texas	4,950	5,175	5,252	5,386	103
New Mexico	162	163	154	156	101
Arizona	305	311	276	275	100
California	685	707	666	641	96
Other States ³	41	29	26	(⁴)	
United States	11,939	11,882	11,942	⁴ 11,868	
American Pima ⁵					
Texas	28.9	27.5	26.8	36.0	134
New Mexico	16.4	16.0	15.5	21.0	135
Arizona	35.0	33.6	33.1	45.0	136
California	0.6	.5	.5	.7	140
Total	80.9	77.6	75.9	102.7	135

¹ Crop Reporting Board Report of December 8, 1970. ² Indicated January 25, 1971.
³ Virginia, Florida, Illinois, Kentucky, and Nevada. ⁴ Data for other States not available.
⁵ Included in State and United States totals.

Compiled from reports of the Crop Reporting Board.

MAN-MADE FIBER CAPACITY

Man-made fiber output may not increase as sharply in 1971 and 1972 as in recent years. Although U.S. capacity to produce man-made fibers still is expected to increase substantially during the next 2 years, lagging general economic activity, increasing textile imports, and competition from other fibers have forced some cutbacks in expansion plans. The Textile Economics Bureau, a private trade organization, projects that producing capacity will reach 8.5 billion pounds in November 1972, an increase of about 18 percent over November 1970 (table 14). The organization estimated a year ago that this level would be reached by November 1971. Thus, production plans have been curtailed.

Most of the growth in man-made fiber producing capacity will be realized by non-cellulosic fibers, for which capacity is expected to increase about one-fourth during the next 2 years. Rayon and acetate capacity may remain near the November 1970 level, while textile glass capacity is projected to increase about 13 percent.

For man-made staple fibers, some of which compete directly with cotton, planned increases in capacity during 1971 and 1972 are mixed. For instance, rayon and acetate staple capacity may expand about 5 percent in contrast to a decline in yarn capacity. On the other hand, non-cellulosic staple capacity is expected to increase about one-fifth, a little below that anticipated

for yarn capacity. Although the capacity to produce polyester staple, the principal non-cellulosic fiber, may expand about one-fourth, this is only about half the rate of recent years.

Table 14.— Man-made fiber producing capacity; Actual November 1970, projected November 1972, and percentage changes

Item	November 1970 ¹	November 1972 ²	Percentage change
	<i>Million pounds</i>		<i>Percent</i>
Rayon and acetate			
Total	1,713	1,727	+0.8
Yarn	854	823	-3.6
Staple	859	904	+5.2
Non-cellulosic			
Total	4,818	6,007	+24.7
Yarn	2,440	3,143	+28.8
Staple	2,378	2,864	+20.4
Polyester	1,370	1,695	+23.7
Other	1,008	1,169	+16.0
Textile glass	657	742	+12.9
Man-made fibers			
Total	7,188	8,476	+17.9
Yarn	3,951	4,708	+19.2
Staple	3,237	3,768	+16.4

¹ Actual producing capacity as of November 1970. ² Projected producing capacity planned as of November 1970.

Textile Economics Bureau.

Table 15.—Cotton: Supply and distribution, by types, United States, 1955 to date

Year beginning August 1	Supply						Distribution		
	Carry-over August 1	Ginnings		Net imports	City crop	Total	Mill consumption ³	Net exports	Total
		Current crop less ginnings ¹	New crop ²						
1,000 bales ⁴									
All kinds									
1955	11,205.4	14,228.1	404.8	136.6	47.0	26,021.9	9,209.6	2,214.7	11,424.3
1956	14,528.8	12,746.4	230.8	136.4	50.0	27,692.4	8,608.4	7,597.7	16,206.0
1957	11,322.6	10,649.6	212.6	141.2	58.0	22,384.0	7,999.2	5,716.8	13,716.0
1958	8,737.0	11,222.8	150.5	136.5	51.0	20,297.8	8,702.8	2,789.5	11,492.3
1959	8,884.9	14,364.6	139.8	130.7	50.0	23,570.0	9,016.7	7,182.4	16,199.1
1960	7,558.7	14,125.2	227.7	⁵ 127.2	63.0	22,101.8	8,279.3	6,632.4	14,911.7
1961	7,227.8	14,096.8	287.4	⁵ 152.4	64.0	21,828.5	8,953.8	4,912.9	13,866.7
1962	7,831.4	14,576.8	244.7	136.6	68.0	22,857.5	8,418.9	3,550.9	11,769.8
1963	11,215.6	15,045.3	152.1	⁶ 134.8	102.0	26,649.8	8,608.7	5,662.4	14,271.1
1964	12,378.3	14,996.9	180.1	118.2	70.0	27,743.5	9,170.9	4,059.6	13,230.5
1965	14,290.6	14,752.8	9.9	118.4	87.6	29,259.3	9,496.8	2,942.1	12,438.9
1966	16,862.5	9,552.5	265.5	104.6	50.0	26,826.1	9,484.9	4,668.8	14,153.7
1967	12,533.3	7,182.1	6.1	149.1	30.0	19,900.6	8,981.5	4,205.6	13,187.1
1968	6,448.3	10,910.5	79.8	67.6	40.0	17,546.2	8,242.2	2,731.4	10,973.6
1969	6,520.8	9,857.3	6.0	51.9	40.0	16,476.0	7,990.6	2,768.2	10,758.8
1970 ⁹	5,760.5	¹⁰ 10,199.0	---	50.0	40.0	16,049.5	8,005.0	3,515.0	11,520.0
Other than extra-long staple									
1955	11,028.5	14,186.6	404.8	50.7	47.0	25,717.6	9,084.7	2,194.4	11,279.1
1956	14,399.0	12,697.3	230.8	43.3	50.0	27,420.4	8,496.2	7,539.8	16,036.0
1957	11,269.3	10,569.9	212.6	96.6	58.0	22,206.4	7,899.8	5,707.1	13,606.8
1958	8,615.3	11,140.9	150.5	51.0	51.0	20,008.7	8,593.7	2,766.0	11,359.6
1959	8,732.6	14,295.5	139.8	47.5	50.0	23,265.4	8,879.4	7,178.2	16,057.6
1960	7,404.3	14,059.2	277.7	⁵ 41.5	63.0	21,795.7	8,131.2	6,625.0	14,756.3
1961	7,089.5	14,035.8	287.4	⁵ 68.2	64.0	21,544.9	8,783.2	4,905.8	13,689.0
1962	7,741.0	14,467.0	244.7	54.5	68.0	22,575.2	8,258.3	3,348.2	11,606.5
1963	11,016.0	14,884.1	152.1	⁶ 54.4	102.0	26,208.6	8,468.0	5,660.8	14,128.8
1964	12,125.1	14,880.2	180.1	35.5	70.0	27,290.9	9,018.6	4,038.4	13,057.0
1965	14,031.3	14,667.2	9.9	30.8	87.6	28,826.8	9,355.9	2,936.4	12,292.3
1966	16,574.0	9,481.3	256.5	28.9	50.0	26,390.7	9,349.9	4,655.9	14,005.8
1967	12,279.5	7,113.8	6.1	57.6	30.0	19,487.0	8,854.0	4,161.3	13,015.3
1968	6,257.6	10,832.3	79.8	37.9	40.0	17,247.6	8,115.9	2,722.9	10,838.8
1969	6,365.5	9,780.5	6.0	30.9	40.0	16,222.9	7,879.0	2,753.3	10,632.3
1970 ⁹	5,653.1	¹⁰ 10,139.0	---	30.0	40.0	15,862.1	7,900.0	3,500.0	11,400.0
Long staple (other than upland) ⁷									
1955	176.9	41.5	---	85.9	---	304.3	124.9	20.3	145.2
1956	129.8	49.1	---	93.1	---	272.0	112.2	57.9	170.1
1957	53.3	79.7	---	44.6	---	177.6	99.4	9.7	109.1
1958	121.7	81.9	---	85.5	---	289.1	109.1	23.5	132.6
1959	152.3	69.1	---	83.2	---	304.6	137.3	4.2	141.5
1960	154.4	66.0	---	85.7	---	306.1	148.1	7.4	155.4
1961	138.3	61.0	---	84.2	---	283.6	170.6	7.1	177.7
1962	⁸ 90.4	109.8	---	82.1	---	282.3	160.6	2.7	163.3
1963	⁸ 199.6	161.2	---	⁶ 80.4	---	441.2	140.7	1.6	142.3
1964	⁸ 253.2	116.7	---	82.7	---	452.6	152.3	21.2	173.5
1965	⁸ 259.3	85.6	---	87.6	---	432.5	140.9	5.7	146.6
1966	⁸ 288.5	71.2	---	75.7	---	435.4	135.0	12.9	147.9
1967	⁸ 253.8	68.3	---	¹¹ 91.5	---	413.6	127.5	44.3	171.8
1968	190.7	78.2	---	29.7	---	298.6	126.3	8.5	134.8
1969	155.3	76.8	---	21.0	---	253.1	111.6	14.9	126.5
1970 ⁹	107.4	¹⁰ 60.0	---	20.0	---	187.4	105.0	15.0	120.0

¹Current crop less ginnings prior to August 1 beginning of season. ²Ginnings prior to August 1 end of season. ³Adjusted to cotton marketing year basis, August 1-July 31. ⁴Running bales except "net imports" which are in bales of 500 pounds, gross weight. ⁵Does not include picker laps reported as raw cotton by the Bureau of the Census. ⁶Imports for consumption beginning 1963. ⁷Includes American-Egyptian, Sea Island, and foreign-grown cotton. In some years prior to 1962, small amounts of foreign-grown long-staple upland cotton are included. ⁸Foreign stockpile cotton included by the Bureau of the Census as of August 1 was 7,168 bales in 1962, 61,168 in

1963, 27,474 in 1964, 18,307 in 1965, 12,500 in 1966, and 884 in 1967. In bond cotton is not included: 116,609 bales as of August 1 in 1963, 60,297 in 1964, 38,022 in 1965, and 33,284 in 1966. ⁹Preliminary and estimated. ¹⁰Crop Reporting Board report of December 8, 1970. ¹¹Imports exceed quota of 85,600 bales, in part, because import data are not adjusted to August 1-July 31 marketing year. Also, may include 6,000 or more bales of cotton stapling less than 1-3/8 inches.

Bureau of the Census.

Table 16.—Cotton: Acreage, planted and harvested, production, and yield per acre on harvested acreage, by regions, 1960 to date

Crop year beginning August 1	West ¹		Southwest ²		Delta ³		Southeast ⁴		Total
	1,000 acres	Percent of total	1,000 acres	Percent of total	1,000 acres	Percent of total	1,000 acres	Percent of total	1,000 acres
Planted acreage ⁵									
1960	1,619	10.1	7,455	46.3	4,433	27.6	2,573	16.0	16,080
1961	1,446	8.7	7,785	46.9	4,639	28.0	2,718	16.4	16,588
1962	1,454	8.9	7,595	46.6	4,573	28.1	2,671	16.4	16,293
1963	1,353	9.1	6,845	46.1	4,165	28.1	2,480	16.7	14,843
1964	1,338	9.0	6,839	46.1	4,182	28.2	2,477	16.7	14,836
1965	1,274	9.0	6,435	45.5	4,094	28.9	2,349	16.6	14,152
1966	1,031	10.0	4,712	45.5	2,989	28.9	1,617	15.6	10,349
1967	977	10.3	4,385	46.4	2,720	28.8	1,366	14.5	9,448
1968	1,158	10.6	4,871	44.7	3,343	30.6	1,540	14.1	10,912
1969	1,183	9.9	5,675	47.8	3,495	29.4	1,529	12.9	11,882
1970 ⁶	1,098	9.2	5,777	48.4	3,560	29.8	1,507	12.6	11,942
Harvested acreage									
1960	1,577	10.3	6,955	45.4	4,284	28.0	2,493	16.3	15,309
1961	1,409	9.0	7,205	46.1	4,404	28.2	2,616	16.7	15,634
1962	1,418	9.1	7,112	45.7	4,434	28.5	2,605	16.7	15,569
1963	1,310	9.2	6,440	45.3	4,042	28.5	2,420	17.0	14,212
1964	1,306	9.3	6,250	44.5	4,080	29.0	2,421	17.2	14,057
1965	1,241	9.1	6,120	45.0	3,974	29.2	2,280	16.7	13,615
1966	1,006	10.5	4,348	45.5	2,774	29.1	1,424	14.9	9,552
1967	957	11.8	3,895	49.2	2,262	27.8	883	11.2	7,997
1968	1,138	11.2	4,505	44.3	3,049	30.0	1,468	14.5	10,160
1969	1,159	10.5	5,140	46.5	3,358	30.3	1,401	12.7	11,058
1970 ⁶	1,081	9.7	5,301	47.5	3,395	30.4	1,391	12.4	11,168
Production									
	1,000 bales ⁷	Percent of total	1,000 bales ⁷	Percent of total	1,000 bales ⁷	Percent of total	1,000 bales ⁷	Percent of total	1,000 bales ⁷
1960	3,086	21.6	4,804	33.7	4,448	31.2	1,934	13.5	14,272
1961	2,823	19.7	5,155	36.0	4,497	31.4	1,843	12.9	14,318
1962	3,128	21.0	5,037	33.9	4,724	31.8	1,978	13.3	14,867
1963	2,830	18.4	4,753	31.0	5,423	35.4	2,328	15.2	15,334
1964	2,822	18.6	4,410	29.0	5,483	36.1	2,467	16.3	15,182
1965	2,714	18.2	5,037	33.6	5,066	33.8	2,156	14.4	14,973
1966	1,928	20.1	3,396	35.5	3,086	32.2	1,165	12.2	9,575
1967	1,655	22.2	2,961	39.7	2,184	29.3	658	8.8	7,458
1968	2,488	22.7	3,789	34.6	3,621	33.1	1,050	9.6	10,948
1969	2,109	21.1	3,141	31.4	3,699	36.9	1,060	10.6	10,009
1970 ⁶	1,793	17.5	3,432	33.4	3,859	37.6	1,186	11.5	10,270
Yield per acre on harvested acreage									
	West ¹		Southwest ²		Delta ³		Southeast ⁴		United States
	Pounds ⁸	Pounds ⁹	Pounds ⁸	Pounds ⁹	Pounds ⁸	Pounds ⁹	Pounds ⁸	Pounds ⁹	Pounds ⁸ Pounds ⁹
1960	937	982	331	345	497	494	371	376	446 454
1961	959	992	343	339	489	537	338	384	438 464
1962	1,056	1,004	339	341	510	556	363	404	457 475
1963	1,034	1,026	354	354	642	579	461	421	517 491
1964	1,035	1,018	338	360	643	587	488	431	517 500
1965	1,047	972	394	365	610	578	453	430	527 498
1966	918	975	375	375	532	563	392	406	480 497
1967	828	942	364	366	462	540	356	381	447 481
1968	1,047	891	404	349	569	527	342	372	516 464
1969	871		293		528		362		434
1970 ⁶	796		310		546		409		441

¹California, Arizona, New Mexico, and Nevada. ²Texas and Oklahoma. ³Missouri, Arkansas, Tennessee, Mississippi, Louisiana, Illinois, and Kentucky. ⁴Virginia, North Carolina, South Carolina, Georgia, Florida, and Alabama. ⁵Not adjusted for final acreage compliance with allotments. ⁶Crop Reporting

Board report of December 8, 1970. ⁷500-pound gross weight bales. ⁸Actual yield per acre. ⁹Yield trend—the 5-year centered average.

Statistical Reporting Service.

Table 17.—American upland cotton: Carryover, ginnings, supply, disappearance, and CCC inventory, by staple length, 1961-70

Year beginning August 1	Shorter than 1 inch		1 inch and 1 ¹ / ₃₂ inches		1 ¹ / ₁₆ inches and over		All staple lengths
	Quantity	Percentage of total	Quantity	Percentage of total	Quantity	Percentage of total	Quantity
	1,000 bales	Percent	1,000 bales	Percent	1,000 bales	Percent	1,000 bales
	Carryover						
1961	598	9	3,030	43	3,450	48	7,078
1962	1,378	18	2,154	28	4,193	54	7,725
1963	2,855	26	3,189	29	4,961	45	11,005
1964	3,686	31	4,253	35	4,171	34	12,110
1965	4,339	31	4,576	33	5,103	36	14,018
1966	5,932	36	5,791	35	4,842	29	16,565
1967	4,921	40	4,244	35	3,105	25	12,270
1968	2,189	35	1,641	26	2,416	39	6,246
1969	821	13	1,281	20	4,245	67	6,347
1970 ¹	329	6	1,002	18	4,278	76	5,609
	Ginnings						
1961	3,854	27	3,075	22	7,334	51	14,263
1962	3,842	26	3,645	25	7,267	49	14,754
1963	3,872	26	4,199	28	7,058	46	15,129
1964	3,439	23	4,338	29	7,255	48	15,032
1965	3,999	27	3,555	24	7,293	49	14,847
1966	2,556	27	1,642	17	5,293	56	9,491
1967	1,705	23	1,109	15	4,556	62	7,370
1968	1,635	15	1,707	16	7,496	69	10,838
1969	1,684	17	1,590	16	6,593	67	9,867
1970 ¹	2,028	20	1,622	16	6,489	64	10,139
	Supply ²						
1961	4,452	21	6,105	29	10,784	50	21,341
1962	5,220	23	5,799	26	11,460	51	22,479
1963	6,729	26	7,388	28	12,017	46	26,134
1964	7,126	26	8,591	32	11,426	42	27,143
1965	8,338	29	8,131	28	12,397	43	28,866
1966	8,488	33	7,433	28	10,135	39	26,056
1967	6,626	34	5,353	27	7,662	39	19,641
1968	3,824	22	3,348	20	9,913	58	17,085
1969	2,505	15	2,871	18	10,838	67	16,214
1970 ¹	2,357	15	2,624	17	10,767	68	15,748
	Disappearance ³						
1961	3,074	23	3,951	29	6,591	48	13,616
1962	2,365	21	2,610	23	6,499	56	11,474
1963	3,042	22	3,135	22	7,846	56	14,023
1964	2,786	21	4,015	31	6,323	48	13,124
1965	2,405	20	2,341	19	7,554	61	12,300
1966	3,567	26	3,189	23	7,030	51	13,786
1967	4,436	33	3,712	28	5,246	39	13,394
1968	3,003	28	2,067	19	5,667	53	10,737
1969	2,176	20	1,869	18	6,560	62	10,605
	CCC Inventory						
1961	3	(⁴)	211	15	1,232	85	1,446
1962	678	14	1,127	24	2,883	62	4,688
1963	2,300	19	1,970	24	3,746	47	8,017
1964	3,362	33	3,099	30	3,771	37	10,232
1965	3,904	34	4,033	36	3,460	30	11,397
1966	4,814	40	4,513	37	2,750	23	12,077
1967	3,900	70	1,390	25	310	5	5,600
1968	6	11	14	25	37	64	57
1969	93	3	466	17	2,240	80	2,799
1970 ¹	2	(⁴)	129	4	2,826	96	2,937

¹ Preliminary. ² Carryover at beginning of season, plus ginnings.
³ Supply minus carryover at end of season. ⁴ Less than 0.5 percent.

Compiled from reports of Consumer and Marketing Service and Agricultural Stabilization and Conservation Service.

Table 18.—Commodity Credit Corporation stocks of cotton, United States, August 1, 1969 - July 31, 1970

Date	Total	Upland			Extra-long staple ¹		
		Owned ²	Under loan	Total	Owned ³	Under loan	Total
<i>1,000 bales</i>							
1969							
August 1	2,911	2,799	---	2,799	112	---	112
August 8	2,911	2,799	---	2,799	112	---	112
August 15	2,911	2,799	---	2,799	112	---	112
August 22	2,911	2,799	6	2,805	106	---	106
August 29	2,931	2,793	39	2,832	99	---	99
September 5	2,936	2,786	56	2,842	94	---	94
September 12	3,035	2,786	65	2,943	92	---	92
September 19	2,938	2,775	72	2,847	91	---	91
September 26	2,941	2,775	77	2,852	89	---	89
October 3	2,881	2,700	94	2,794	87	---	87
October 10	2,910	2,700	123	2,823	87	---	87
October 17	2,939	2,653	200	2,853	86	---	86
October 24	3,056	2,653	318	2,971	85	(⁴)	85
October 31	3,162	2,558	519	3,077	85	(⁴)	85
November 7	3,374	2,558	730	3,288	85	1	86
November 14	3,422	2,333	1,004	3,337	83	2	85
November 21	3,736	2,333	1,317	3,650	83	3	86
November 28	3,859	2,237	1,534	3,771	83	5	88
December 5	4,078	2,237	1,749	3,986	83	9	92
December 12	4,215	2,142	1,982	4,124	82	9	91
December 19	4,421	2,142	2,188	4,330	82	9	91
December 26	4,509	2,112	2,306	4,418	81	10	91
1970							
January 2	4,590	2,112	2,387	4,499	81	10	91
January 9	4,998	2,105	2,799	4,904	78	16	94
January 16	5,179	2,105	2,983	5,088	72	19	91
January 23	5,229	2,101	3,035	5,136	71	22	93
January 30	5,240	3,101	3,045	5,146	71	23	94
February 6	5,236	2,086	3,055	5,141	71	24	95
February 13	5,222	2,086	3,040	5,126	71	25	96
February 20	5,158	2,063	2,997	5,060	71	27	98
February 27	5,095	2,063	2,934	4,997	71	27	98
March 6	5,049	2,045	2,905	4,950	71	28	99
March 13	4,996	2,045	2,853	4,898	71	27	98
March 20	4,885	2,019	2,769	4,788	71	26	97
March 27	4,815	2,019	2,700	4,719	71	25	96
April 3	4,742	1,999	2,647	4,646	71	25	96
April 10	4,673	1,999	2,579	4,578	71	24	95
April 17	4,606	1,994	2,517	4,511	72	23	95
April 24	4,522	1,994	2,435	4,429	72	21	93
May 1	4,434	1,980	2,362	4,342	72	20	92
May 8	4,313	1,980	2,243	4,223	72	18	90
May 15	4,215	1,968	2,158	4,126	72	17	89
May 22	4,137	1,968	2,081	4,049	72	16	88
May 29	4,045	1,954	2,003	3,957	72	16	88
June 5	3,962	1,954	1,921	3,875	72	15	87
June 12	3,817	1,928	1,803	3,731	72	14	86
June 19	3,711	1,928	1,700	3,628	71	12	83
June 26	3,624	1,906	1,638	3,544	71	9	80
July 3	3,562	1,906	1,576	3,482	71	9	80
July 10	3,472	1,895	1,498	3,393	71	8	79
July 17	3,404	1,895	1,430	3,325	71	8	79
July 24	3,316	1,895	1,343	3,238	71	7	78
July 31 ⁵	3,030	1,890	1,067	2,957	71	2	73

¹Includes American-Egyptian and Sea Island. ²Excludes cotton sold September 9 to date for delivery in the 1969 marketing year. ³Includes American-Egyptian cotton transferred to CCC

from the national stockpile. ⁴Less than 500 bales. ⁵Preliminary. Agricultural Stabilization and Conservation Service.

Table 19.—Cotton: American Middling White, spot prices in designated U.S. markets, loan rates, and prices received by farmers for upland cotton, August 1967 to date

Year beginning August 1	Average spot market prices per pound					Prices per pound received by farmers for upland cotton ¹
	15/16 inch	1 inch	1-1/32 inches	1-1/16 inches	1-3/32 inches	
	<i>Cents</i>		<i>Cents</i>			
1967						
August	20.37	22.77	24.16	26.19	26.89	22.00
September	20.15	23.22	24.91	27.13	27.83	21.27
October	20.01	23.40	25.95	28.49	29.26	27.27
November	20.74	24.98	29.79	32.54	33.58	30.48
December	22.00	27.02	32.40	34.80	35.86	27.61
January	21.17	26.19	30.60	33.12	33.99	22.45
February	20.42	25.40	29.30	31.87	32.80	20.45
March	20.29	25.21	28.75	31.39	32.30	20.29
April	20.14	25.06	28.45	30.86	31.75	20.22
May	20.17	24.93	28.18	30.32	31.25	21.59
June	20.32	24.83	28.04	30.14	31.04	21.12
July	20.61	24.94	28.13	30.33	31.22	21.46
Average	20.53	24.83	28.22	30.60	31.48	² 25.39
Loan rates ³	17.81	20.36	21.61	22.91	23.76	⁴ 19.47
1968						
August	21.11	25.05	28.30	30.59	31.47	26.00
September	21.20	24.97	28.09	30.34	31.17	26.36
October	⁵ 21.24	24.29	26.89	28.98	29.74	26.50
November	20.55	23.27	25.17	27.01	27.66	24.10
December	19.95	22.67	24.37	26.27	26.85	21.53
January	19.68	22.47	24.16	26.12	26.67	19.37
February	19.49	22.21	23.76	25.65	26.16	19.70
March	19.33	22.09	23.66	25.61	26.10	20.57
April	19.23	21.99	23.56	25.60	26.05	20.68
May	19.46	21.93	23.51	25.66	26.11	20.12
June	19.54	21.89	23.51	25.64	26.10	21.32
July	19.53	21.92	23.57	25.67	26.13	21.65
Average	20.03	22.90	24.88	26.93	27.52	² 22.02
Loan rates ³	17.79	20.34	21.84	23.84	24.54	⁴ 19.69
1969						
August	19.24	21.59	23.19	25.24	25.75	20.51
September	19.05	21.43	22.96	24.98	25.54	19.39
October	19.39	21.68	23.17	24.99	25.55	21.70
November	19.79	21.94	23.37	25.07	25.58	21.36
December	20.50	22.02	23.35	24.92	25.38	19.95
January	20.23	22.00	23.25	24.83	25.28	19.09
February	20.31	22.11	23.35	24.90	25.36	20.73
March	20.36	22.19	23.46	24.89	25.35	21.14
April	20.59	22.44	23.70	25.11	25.52	21.61
May	20.76	22.60	23.83	25.23	25.64	22.12
June	21.04	22.78	23.98	25.39	25.80	22.14
July	21.22	22.96	24.20	25.59	25.99	22.47
Average	20.17	22.15	23.49	25.09	25.57	20.94
Loan rates ³	17.89	20.34	21.94	23.94	24.64	⁴ 19.71
1970						
August	21.27	22.99	24.20	25.55	25.94	22.65
September	21.28	22.98	24.04	25.31	25.68	21.86
October	21.54	23.00	23.99	25.05	25.41	22.83
November	21.39	22.82	23.83	24.77	25.10	22.09
December	21.06	22.58	23.61	24.55	24.86	20.96
Average						⁶ 22.4
Loan rates ³	18.17	20.37	21.92	23.52	24.67	⁴ 20.15

¹ Excludes domestic allotment payments, price support and diversion payments. ² Weighted average. ³ Spot market loan rates exclude 14-point premium in 1965, 20-point premium in 1966, 30-point premium in 1967, 35-point premium in 1968, and 45-point premium in 1969 and 1970 for 3.5-4.9 micronaires. Spot prices are for cotton with micronaire

readings of 3.5 through 4.9. ⁴ Average of the crop. ⁵ Average of six markets, October 1968 to date. ⁶ Average price to Dec. 1, 1970.

Agricultural Stabilization and Conservation Service, Consumer and Marketing Service, and Statistical Reporting Service.

Table 20.—American upland cotton: U.S. mill consumption by staple length, by months, May 1967, and August 1968 to date

Year and month ¹	Mill consumption by staple length									Total consumption ²
	Less than 1"		1" and 1-1/32"		1-1/16" and 1-3/32"		Longer than 1-3/32"		Total	
	Quantity	Share of total	Quantity	Share of total	Quantity	Share of total	Quantity	Share of total	Quantity	
	1,000 bales ³	Pct.	1,000 bales ³	Pct.	1,000 bales ³	Pct.	1,000 bales ³	Pct.	1,000 bales ³	1,000 bales ³
1967 May (4) ⁴	64.8	9.7	199.3	29.9	373.0	55.9	30.4	4.5	667.6	719.5
1968/69										
Aug. (4)	80.4	12.8	175.1	27.9	340.3	54.1	32.7	5.2	628.6	651.9
Sept. (4)	79.5	13.0	160.1	26.3	338.4	55.5	31.4	5.2	609.5	630.7
Oct. (5)	103.6	13.5	205.4	26.7	420.0	54.6	39.7	5.2	768.7	797.2
Nov. (4)	82.8	13.3	171.7	27.5	342.6	54.9	27.0	4.3	624.1	645.8
Dec. (4)	66.9	12.3	148.8	27.3	301.6	55.4	26.9	5.0	544.2	566.1
Jan. (5)	96.9	12.8	205.8	27.3	411.7	54.5	41.0	5.4	755.4	791.0
Feb. (4)	78.7	12.9	168.5	27.5	328.9	53.8	35.6	5.8	611.7	635.5
Mar. (4)	81.7	12.9	171.4	27.0	343.2	54.1	37.7	6.0	634.0	651.5
Apr. (5)	96.8	12.8	206.0	27.3	401.9	53.3	49.4	6.6	754.2	779.2
May (4)	81.7	13.1	171.8	27.5	335.8	53.8	35.3	5.6	624.5	646.5
June (4)	78.2	12.8	167.4	27.3	332.6	54.2	35.0	5.7	613.3	633.1
July (5)	75.6	12.3	173.8	28.2	329.0	53.3	38.2	6.2	616.6	638.3
1969/70										
Aug. (4)	79.0	13.2	169.5	28.3	321.5	53.6	29.6	4.9	599.6	618.6
Sept. (5)	76.7	12.7	165.8	27.3	322.1	54.8	31.8	5.2	606.4	624.0
Oct. (4)	100.4	13.0	211.5	27.5	416.7	54.2	41.1	5.3	769.7	796.7
Nov. (4)	73.1	12.0	162.0	26.7	337.7	55.5	35.4	5.8	608.2	635.8
Dec. (5)	81.3	12.0	183.9	27.2	373.4	55.3	36.8	5.5	675.3	706.1
Jan. (4)	66.9	11.1	163.2	27.0	336.3	55.7	37.3	6.2	603.7	625.2
Feb. (4)	66.7	11.3	160.8	27.3	319.4	54.3	41.9	7.1	588.8	617.5
Mar. (5)	86.7	11.7	198.9	26.8	404.7	54.6	51.1	6.9	741.5	766.5
Apr. (4)	67.4	11.5	159.9	27.2	322.3	54.8	38.2	6.5	587.8	605.6
May (4)	69.4	12.0	153.5	26.7	314.5	54.6	38.5	6.7	575.9	599.6
June (5)	82.1	11.9	183.4	26.7	376.4	54.7	46.3	6.7	688.1	719.0
July (4)	53.5	10.6	145.6	28.8	275.0	54.4	31.2	6.2	505.2	524.9
1970/71										
Aug. (4)	59.7	10.7	154.4	27.6	309.0	55.3	35.8	6.4	558.9	584.2
Sept. (5)	74.0	10.3	196.5	27.4	402.3	56.2	43.9	6.1	716.6	749.6
Oct. (4)	56.0	9.4	167.5	28.1	335.8	56.4	36.3	6.1	595.7	624.3
Nov. (4)	56.0	9.2	166.0	27.3	352.6	58.0	33.1	5.5	607.8	631.5
Dec. (5)	65.9	9.6	196.7	28.8	386.9	56.5	35.1	5.1	684.5	715.4

¹Numbers in parentheses indicate number of weeks in month. ²Includes data for which breakdown by staple length was not obtained. ³Running bales. ⁴Data for May 1967 based on

industry survey. ⁵Preliminary. Bureau of the Census, as reported by mills.

Table 21.—Raw cotton equivalent of U.S. imports for consumption of cotton manufactures, 1965 to date

Year and month	Yarn, thread, and cloth						Primarily manufactured products											Total		
	Yarn	Sewing thread, crochet, knitting yarn	Cloth		Total		Pile fabrics and mfrs.	Table damask and mfrs.	Bed-clothes and towels ³	Gloves hosiery and hdkf.	Other wearing apparel ⁴	Lace fabric and articles ⁵	Household and clothing articles ⁵	Misc. products ⁷	Floor covering	Total				
			Primarily cotton	Other ¹	Weight	Bales										Weight	Bales	Weight	Bales	
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 bales ⁸	1,000 bales ⁸	1,000 bales ⁸	1,000 bales ⁸	1,000 bales ⁸	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 bales ⁸	1,000 pounds	1,000 bales ⁸	
1965 ⁹	24,414	324	173,359	5,038	203,235	523.2	5,349	3,315	16,885	2,9444	116,947	1,198	6,682	2,295	1,960	157,575	328.3	360,710	751.5	
1966	101,919	345	218,210	10,012	330,486	688.5	5,929	3,174	27,302	3,090	124,910	1,306	9,498	2,913	1,689	179,811	374.6	510,297	1,063.1	
1967	43,620	277	201,531	12,385	257,813	537.1	6,162	2,410	28,577	3,126	129,966	1,323	9,178	3,386	1,444	185,572	386.6	443,385	923.7	
1968	57,217	456	194,143	16,775	268,591	559.6	7,080	1,857	34,539	3,555	136,492	1,610	12,002	4,633	3,487	205,255	427.6	473,846	987.2	
1969	31,049	337	220,245	23,531	275,162	573.3	8,269	2,511	34,339	3,320	139,396	1,852	13,213	5,756	4,079	212,735	443.2	487,897	1,016.5	
1969																				
Jan.	1,584	12	5,188	933	7,717	16.1	160	66	1,906	204	8,355	146	576	321	226	11,960	24.9	19,677	41.0	
Feb.	1,581	8	11,690	941	14,220	29.6	302	114	1,995	227	9,802	165	603	175	125	13,508	28.1	27,728	57.8	
Mar.	2,812	56	24,492	1,856	29,216	60.9	476	237	4,160	324	14,776	174	1,632	384	446	22,609	47.1	51,825	108.0	
Apr.	4,623	29	27,005	2,805	34,462	71.8	811	179	3,073	301	11,503	236	1,318	448	459	18,328	38.2	52,790	110.0	
May	3,017	42	17,231	2,486	22,776	47.4	759	218	4,697	302	12,522	169	1,361	597	505	21,130	44.0	43,906	91.5	
June	3,758	40	23,625	3,060	30,483	63.5	936	218	3,104	315	12,839	133	1,271	644	341	19,801	41.3	50,284	104.8	
July	3,126	27	16,431	2,271	21,855	45.5	922	253	2,934	234	15,837	116	1,068	498	337	22,199	46.2	44,054	91.8	
Aug.	2,397	16	22,876	2,191	27,480	57.2	800	185	2,513	281	14,641	162	1,178	462	353	20,575	42.9	48,055	100.1	
Sept.	1,592	24	18,369	1,706	21,691	45.2	850	235	2,287	273	11,531	111	1,024	543	214	17,068	35.6	38,759	80.7	
Oct.	1,821	30	16,935	1,952	20,738	43.2	1,003	315	2,258	251	10,154	180	1,101	639	413	16,314	34.0	37,052	77.2	
Nov.	2,128	17	19,621	1,706	23,472	48.9	559	261	2,790	283	8,964	139	1,072	494	440	15,002	31.3	38,474	80.2	
Dec.	2,589	36	16,872	1,619	21,116	44.0	691	230	2,625	327	8,446	123	1,049	552	219	14,262	29.7	35,378	73.7	
1970 ¹⁰																				
Jan.	2,341	27	21,110	1,796	25,274	52.7	535	284	3,378	175	12,918	133	1,153	598	366	19,540	40.7	44,814	93.4	
Feb.	2,461	40	19,901	1,527	23,929	49.9	503	74	2,312	131	10,899	144	1,008	466	327	15,864	33.0	39,793	82.9	
Mar.	2,674	46	19,971	2,338	24,975	52.0	606	238	3,287	196	12,244	146	1,093	647	362	18,819	39.2	43,794	91.2	
Apr.	2,373	24	15,040	2,098	19,535	40.7	603	121	1,927	129	99,181	136	835	653	320	14,905	31.1	34,440	71.7	
May	1,978	46	19,803	3,119	24,946	52.0	823	109	3,374	419	9,707	123	1,179	837	303	16,874	35.2	41,820	87.1	
June	1,745	37	15,552	2,894	20,228	42.1	1,014	154	2,493	324	12,056	110	1,051	728	394	18,324	38.2	38,552	80.3	
July	2,315	23	19,856	3,012	25,206	52.5	1,167	193	2,443	229	13,696	135	1,228	901	328	16,902	35.2	34,745	72.4	
Aug.	1,506	28	14,505	1,821	18,213	37.9	801	197	1,968	182	11,325	97	938	686	225	16,419	34.2	34,632	72.1	
Sept.	1,875	12	14,505	1,821	18,213	37.9	801	197	1,968	182	11,325	97	938	686	225	16,419	34.2	34,632	72.1	
Oct.	957	39	14,867	1,139	17,002	35.4	746	141	2,268	213	10,065	132	889	620	359	15,433	32.2	32,435	67.6	
Nov.	2,350	14	21,666	1,326	25,356	52.8	534	209	2,774	273	17,551	101	1,081	640	329	23,492	48.9	48,848	101.8	
Dec.																				
1969																				
Jan.-Nov. . . .	28,439	301	203,463	21,907	254,110	529.4	7,578	2,281	31,717	2,995	130,924	1,731	12,204	5,205	3,859	198,494	413.5	452,604	949.2	
1970 ¹⁰																				
Jan.-Nov. . . .	22,575	336	196,243	23,353	242,507	505.2	8,303	1,864	29,640	2,639	130,729	1,372	11,173	7,521	3,651	196,892	410.2	439,399	915.4	

¹Includes tapestry and upholstery fabrics, tire cord fabrics, and cloths in chief value cotton containing other fibers. ²Includes velvets and velveteens, corduroys, plushes and chenilles, and manufactures of pile fabrics. ³Includes blankets, quilts, and bedspreads, sheets and pillow cases. ⁴Includes knit and woven underwear and outerwear (collars and cuffs, shirts, coats, vests, robes, pajamas, and ornamented wearing apparel). ⁵Includes nets

and nettings, veils and veilings, edgings, embroideries, etc., and lace window curtains. ⁶Includes braids (except hat braids), tubing, labels, lacing, wicking, loom harness, table and bureau covers, polishing and dust cloths, fabrics with fast edges, cords and tassels, garters, suspenders and braces, corsets and brassieres, etc. ⁷Includes belts and belting, fish nets and netting, and coated, filled or waterproof fabrics. ⁸480 pound net weight bales. ⁹For annual data

prior to 1965 and monthly data beginning July 1959, see *Statistics on Cotton and Related Data, 1930-67*, and Supplement. ¹⁰Preliminary.

Table 22.—Raw cotton equivalent of U.S. exports of domestic cotton manufacturers, 1965 to date

Year and month	Yarn, thread, twine, and cloth							Manufactured products										Total		
	Yarn	Sewing thread, crochet, darning and embroidery cotton	Twine and cordage	Cloth		Total		House furnishings				Wearing apparel		Other house hold and clothing articles ⁶	Industrial products ⁷	Total				
				Standard constructions and tire cord ¹	Other ²	Weight	Bales	Blankets	Quilts, spreads, pillow cases, and sheets	Towels	Other ³	Knit ⁴	Other ⁵			Weight	Bales	Weight	Bales	
	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 bales ⁸	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 pounds	1,000 bales ⁸	1,000 pounds	1,000 bales ⁸	
1965 ⁹	7,104	1,832	1,237	85,509	24,792	120,474	251.0	851	4,955	6,370	2,838	2,838	15,197	9,953	10,256	53,258	111.0	173,732	361.9	
1966	6,518	2,049	1,303	95,473	27,370	132,713	276.4	724	5,128	6,514	3,037	2,962	17,451	10,155	10,842	56,813	118.4	189,526	394.8	
1967	5,737	1,806	1,342	86,244	33,553	128,682	268.1	691	5,885	6,435	3,104	2,694	20,458	11,216	9,234	59,717	124.4	188,399	392.5	
1968	4,442	1,754	1,464	79,302	35,900	122,862	256.0	593	5,671	5,536	3,878	2,809	24,666	11,914	10,271	65,338	136.1	188,200	392.1	
1969	37,432	1,821	1,193	85,344	32,827	158,617	330.5	523	4,670	5,176	3,686	2,756	33,014	12,081	11,540	73,446	153.0	232,063	483.5	
1969																				
Jan.	300	79	36	3,103	300	3,818	8.0	28	209	171	200	179	1,557	682	533	3,559	7.4	7,377	15.4	
Feb.	471	128	108	5,794	893	7,394	15.4	23	160	203	234	185	1,492	924	473	3,694	7.7	11,088	23.1	
Mar.	3,749	188	149	8,060	4,808	16,954	35.3	42	526	659	488	307	4,315	1,714	1,112	9,163	19.1	54.4		
Apr.	3,291	181	125	7,104	3,374	14,075	19.3	75	454	377	491	226	3,125	1,057	1,041	6,846	14.3	20,921	43.6	
May	5,728	179	124	6,672	3,382	16,085	33.5	35	473	506	355	261	4,064	894	1,134	7,722	16.1	23,807	49.6	
June	3,904	168	147	6,210	3,093	13,522	28.2	46	432	445	223	225	2,821	819	9953	5,964	12.4	19,486	40.6	
July	2,043	112	58	7,114	2,027	11,354	23.7	37	313	432	231	238	2,747	1,257	943	6,198	12.9	17,552	36.6	
Aug.	2,066	145	110	7,590	3,116	13,027	27.1	47	447	414	346	251	2,145	1,242	1,188	6,080	12.7	19,107	39.8	
Sept.	902	190	82	8,606	2,846	12,626	26.3	51	405	500	225	243	2,142	1,161	1,146	5,873	12.2	18,499	38.5	
Oct.	2,255	177	93	7,997	3,708	14,230	29.6	63	449	586	263	250	2,634	877	1,107	6,229	13.0	20,459	42.6	
Nov.	5,538	115	75	10,019	3,037	18,784	39.1	48	426	458	309	202	2,622	731	930	5,726	11.9	24,510	51.1	
Dec.	7,185	158	88	7,077	2,245	16,753	34.9	29	378	426	322	185	3,351	724	980	6,395	13.3	23,148	48.2	
1970 ¹⁰																				
Jan.	3,301	121	108	7,293	2,701	13,524	28.2	32	290	348	177	205	2,716	1,015	935	5,718	11.9	19,242	40.1	
Feb.	2,345	148	34	6,852	1,702	11,081	23.1	32	256	322	288	209	3,275	897	887	6,166	12.8	17,247	35.9	
Mar.	2,548	126	102	8,841	2,364	13,981	29.1	27	371	368	222	196	3,502	737	1,070	6,493	13.5	20,474	42.7	
Apr.	2,849	133	73	7,297	3,092	13,444	28.0	34	350	344	250	219	2,683	807	954	5,641	11.8	19,085	39.8	
May	1,634	118	59	6,886	3,319	12,016	25.0	25	494	443	319	274	1,983	834	1,010	5,382	11.2	17,398	36.2	
June	325	116	110	7,094	2,508	10,153	21.2	43	387	362	315	221	2,265	999	1,149	5,741	12.0	15,894	33.1	
July	220	125	75	7,085	1,745	9,250	19.3	41	324	459	400	290	1,841	779	1,129	5,263	11.0	14,513	30.2	
Aug.	288	135	71	5,490	1,922	7,906	16.5	81	372	607	209	215	1,739	886	1,228	5,337	11.1	13,243	27.6	
Sept.	363	150	59	6,126	2,212	8,910	18.6	88	333	426	266	225	1,509	956	1,100	4,903	10.2	13,813	28.8	
Oct.	392	185	61	8,162	2,253	11,053	23.0	67	503	642	332	291	2,036	972	1,080	5,923	12.3	16,976	35.4	
Nov.	670	153	101	7,489	2,689	11,102	23.1	92	648	529	362	240	1,898	959	1,157	5,885	12.3	16,987	35.4	
1969																				
Jan.-Nov.	30,247	1,662	1,107	78,269	30,584	141,869	295.6	495	4,294	4,751	3,365	2,567	29,664	11,358	10,560	67,054	139.7	208,923	435.3	
1970 ¹⁰																				
Jan.-Nov.	14,935	1,510	853	78,615	26,507	122,420	255.0	562	4,328	4,850	3,140	2,585	25,447	9,841	11,699	62,452	130.1	184,872	385.1	

¹Includes fabrics, tire cord, and cloth for export to the Philippines to be embroidered and otherwise manufactured and returned to the United States. ²Includes tapestry and upholstery fabrics, table damask, pile fabrics and remnants. ³Includes curtains and draperies, house furnishings not elsewhere specified. ⁴Includes gloves and mitts of woven fabric. ⁵Includes underwear and outerwear of

woven fabric, handkerchiefs, and wearing apparel containing mixed fibers (corsets, brassieres, and girdles, garters, armbands and suspenders, neckties and cravats). ⁶Includes canvas articles and manufactures, knit fabric in the piece, braids and narrow fabrics, elastic webbing, waterproof garments, and lace and lace articles ⁷Includes ribberized fabrics, bags, and industrial belts and belting

⁸480 pound net weight bales. ⁹For annual data prior to 1965 and monthly data beginning July 1959, see *Statistics on Cotton and Related Data, 1930-67*, and Supplement ¹⁰Preliminary

Compiled from reports of the Bureau of the Census.

Table 23.—Man-made fiber equivalent of U.S. imports for consumption of man-made fiber manufactures, 1965 to date

Year and month	Tops, yarn, thread, and cloth							Primarily manufactured products							Total manufactured imports	
	Sliver tops and roving	Yarns thrown or plied	Yarns spun	Sewing thread and hand-work yarns	Rayon tire fabric including cord fabric	Fabric woven	Total	Wearing apparel		Handkerchiefs	Laces and lace articles ²	Narrow fabrics ³	Knit fabric in the piece	Other manufactures ⁴		Total
								Knit ¹	Not knit							
	<i>1,000 pounds</i>															
1965	53	279	503	389	569	26,094	27,887	12,832	17,749	217	1,587	4,960	2,634	11,166	51,145	79,032
1966	759	926	2,596	334	1,739	44,198	50,552	18,788	19,636	189	2,119	4,132	3,370	24,279	72,513	123,065
1967	147	4,604	3,957	328	990	32,714	42,740	30,692	30,194	170	2,185	4,057	4,441	24,339	96,078	138,818
1968	70	11,032	6,526	709	5,298	38,086	61,721	50,310	41,019	182	2,344	4,752	5,169	27,828	131,604	193,325
1969	780	4,510	10,848	700	3,419	48,322	68,579	76,851	66,696	507	2,778	5,292	7,213	29,544	188,881	257,460
1969																
Jan.	16	96	518	24	47	2,023	2,724	2,658	3,601	19	103	227	715	2,202	9,525	12,249
Feb.	6	513	958	52	129	3,288	4,946	4,307	4,821	25	132	344	541	1,922	12,092	17,038
Mar.	108	258	1,282	59	732	4,433	6,872	5,184	6,012	44	123	692	513	2,951	15,519	22,391
Apr.	31	262	1,041	59	1,086	4,663	7,142	5,033	4,764	37	193	571	586	2,474	13,658	20,800
May	63	286	16,56	36	763	4,148	6,952	6,409	4,791	39	222	500	540	2,979	15,480	22,432
June	56	272	829	63	79	4,237	5,536	8,243	5,816	54	193	435	452	2,669	17,862	23,398
July	54	129	1,090	39	00	4,768	6,080	9,618	7,153	56	325	438	509	2,749	20,848	26,928
Aug.	76	578	618	75	109	4,116	5,572	8,894	6,444	35	328	392	584	2,852	19,619	25,191
Sept.	158	352	781	61	245	4,647	6,244	7,980	6,033	48	310	438	596	2,667	18,072	24,316
Oct.	83	807	826	82	1	4,650	6,449	8,597	5,896	64	404	442	607	2,555	18,565	25,014
Nov.	37	552	641	63	142	3,790	5,225	4,897	4,720	53	266	411	688	1,826	12,861	18,086
Dec.	91	449	609	88	85	3,578	4,900	4,916	6,652	34	181	402	882	1,701	14,768	19,668
1970 ⁵																
Jan.	127	394	1,070	182	203	4,830	6,806	5,011	8,060	57	232	548	1,094	2,238	17,240	24,046
Feb.	43	449	673	168	138	3,006	4,477	5,050	6,783	48	148	347	836	2,006	15,218	19,695
Mar.	265	954	1,348	102	450	4,842	7,961	5,852	7,274	34	189	488	1,299	2,207	17,343	25,304
Apr.	373	898	1,220	231	363	4,701	7,786	6,104	6,378	27	226	502	1,309	2,366	16,912	24,698
May	275	1,001	838	197	488	4,352	7,151	7,261	6,322	17	219	431	1,307	2,197	17,754	24,905
June	88	1,105	1,126	269	41	4,527	7,156	9,609	7,721	29	376	480	1,626	2,024	21,865	29,021
July	143	1,002	1,073	288	1	4,966	7,473	10,607	8,902	24	512	436	1,636	2,303	24,420	31,893
Aug.	149	953	1,139	188	103	5,274	7,806	11,113	9,225	20	629	425	1,541	2,745	25,698	33,504
Sept.	155	767	631	231	147	4,745	6,676	9,900	8,655	16	663	462	1,747	2,767	24,210	30,886
Oct.	58	1,129	573	218	40	5,133	7,151	9,710	8,007	20	730	358	2,128	2,662	23,615	30,766
Nov.	104	936	642	215	146	4,187	6,230	7,538	6,665	26	512	377	2,497	2,783	20,398	26,628
Dec.																
1969																
Jan.-Nov. ..	688	4,105	10,240	613	3,333	44,763	63,742	71,910	60,051	474	2,599	4,890	6,331	27,846	174,101	237,843
1970 ⁵																
Jan.-Nov. ..	1,780	9,588	10,333	2,289	2,120	50,563	76,673	87,755	83,992	318	4,436	4,854	17,020	26,298	224,673	301,346

¹ Includes gloves, hosiery, underwear, outerwear, and hats. ² Includes veils and veilings, nets and nettings, lace window curtains, edgings, insertings, flouncings, allovers, etc., embroideries, and ornamented wearing apparel. ³ Includes braids (except hat

braids), fabrics with fast edges not over 12 inches wide, garters, suspenders, braces, tubings, cords, tassels, gill nets, webs, seines, and other nets for fishing. ⁴ Not elsewhere classified. ⁵ Preliminary.

Compiled from reports of the Bureau of the Census.

Table 24.—Man-made fiber equivalent of U.S. exports of domestic man-made fiber manufactures, 1965 to date

Year and month	Tops, yarn, thread, and cloth						Primarily manufactured products								Grand total	
	Sliver tops and roving ¹	Yarns spun	Sewing thread and hand-work yarns	Tire cord and tire cord fabric	Cloth woven	Total	Hosiery	Underwear and night-wear	Outerwear	House furnishings	Knit or crocheted fabrics	Narrow fabrics ²	Other manufactures ³	Total		
	<i>1,000 pounds</i>															
1965 ⁴	4,809	2,451	364	24,982	62,739	95,345	766	2,462	4,169	4,521	5,252	2,535	14,006	33,711	129,056	
1966	6,384	1,481	528	26,742	66,379	101,514	888	2,456	4,209	6,418	5,754	3,299	15,438	38,462	139,976	
1967	4,500	2,141	465	16,460	67,758	91,324	1,146	1,978	4,831	8,766	6,796	4,080	14,057	41,654	132,978	
1968	5,042	2,872	540	9,794	65,372	83,620	1,303	2,111	6,316	10,406	6,683	4,543	14,012	45,374	128,994	
1969	6,002	5,286	683	9,609	69,736	91,316	1,403	2,327	8,891	10,441	9,138	4,266	18,448	54,914	146,230	
1969																
January	265	202	31	611	2,650	3,759	75	127	552	435	271	197	936	2,593	6,352	
February	369	342	43	655	3,986	5,395	75	132	684	536	247	238	1,172	3,084	8,479	
March	297	606	87	1,465	8,400	10,855	129	299	980	1,239	597	479	1,969	5,692	16,547	
April	513	519	80	1,402	7,177	9,691	170	205	902	1,000	676	392	1,922	5,267	14,958	
May	558	309	50	623	7,012	8,552	111	188	842	745	710	435	1,748	4,779	13,331	
June	563	374	51	503	5,698	7,189	162	143	716	812	756	338	2,194	5,121	12,310	
July	474	282	58	1,102	5,197	7,113	85	168	735	943	672	280	1,313	4,196	11,309	
August	872	496	66	862	6,312	8,608	105	235	753	1,172	798	439	2,101	5,603	14,211	
September	720	483	50	783	5,082	7,118	116	203	652	756	674	353	1,073	3,827	10,945	
October	424	495	64	846	6,855	8,684	123	261	813	1,003	1,215	409	1,701	5,525	14,209	
November	493	640	58	431	5,560	7,182	139	207	674	971	1,310	472	1,216	4,989	12,171	
December	453	539	46	325	5,673	7,036	113	161	588	830	1,214	235	1,175	4,316	11,352	
1970 ⁵																
January	623	553	87	739	4,832	6,834	110	159	571	1,184	1,069	313	1,580	4,986	11,820	
February	400	439	38	408	6,039	7,324	117	232	695	1,141	1,026	277	1,353	4,841	12,165	
March	503	544	81	651	6,604	8,383	120	168	773	1,077	1,108	341	1,453	5,040	13,423	
April	471	476	43	639	5,988	7,617	91	194	869	1,181	920	278	1,689	5,222	12,839	
May	431	528	161	684	5,790	7,594	58	193	819	957	926	428	1,531	4,912	12,506	
June	397	455	333	550	6,277	8,012	70	175	862	921	1,096	333	1,593	5,050	13,062	
July	573	357	334	615	4,581	6,460	72	149	775	894	720	287	1,348	4,245	10,705	
August	544	334	70	792	4,654	6,394	99	211	862	1,570	857	407	1,301	5,307	11,701	
September	228	248	72	760	5,505	6,813	80	158	860	935	953	429	1,080	4,495	11,308	
October	644	357	81	1,375	5,986	8,443	83	204	862	896	1,223	456	1,516	5,240	13,683	
November	421	482	47	542	6,131	7,623	70	205	874	808	1,144	300	1,417	4,818	12,441	
1969																
Jan.-Nov.	5,548	4,748	638	9,283	63,929	84,146	1,290	2,168	8,303	9,612	7,926	4,032	17,345	50,676	134,822	
1970 ⁵																
Jan.-Nov.	5,235	4,773	1,347	7,755	62,387	81,497	970	2,048	8,822	11,564	11,042	3,849	15,861	54,156	135,653	

¹Includes products made from waste. ²Includes ribbons, trimmings, and braids (except hat braids). ³Not elsewhere classified. ⁴For annual data prior to

1964 and monthly data beginning July 1959, see *Statistics on Cotton and Related Data, 1930-67*, and Supplement. ⁵Preliminary.

Compiled from reports of the Bureau of the Census.

Table 25.—Textile fabrics: Deliveries to U.S. military forces, raw fiber content, by major fiber, by months 1969 to date

Year and month	Cotton				Wool				Total		
	100 percent cotton fabric	Cotton and man-made fiber mixtures		Total	100 percent wool fabric	Wool and man-made fiber mixtures		Total			
		50 percent or more cotton	Less than 50 percent cotton			50 percent or more wool	Less than 50 percent wool				
<i>1,000 pounds</i>											
1969											
January	4,365	195	48	4,608	239	0	0		239		
February	6,028	249	67	6,344	312	0	14		326		
March	7,366	66	82	7,514	487	0	10		497		
April	6,639	117	80	6,836	368	0	17		385		
May	8,299	57	59	8,415	183	0	65		248		
June	7,016	180	80	7,276	121	0	86		207		
July	2,884	26	73	2,983	204	0	49		253		
August	2,210	44	42	2,296	448	0	7		455		
September	2,109	37	38	2,184	792	0	17		809		
October	3,285	255	70	3,610	1,064	0	34		1,098		
November	3,409	351	105	3,865	1,062	0	34		1,096		
December	4,223	375	127	4,725	1,646	0	34		1,680		
Total	57,833	1,952	871	60,656	6,926	0	367		7,293		
1970											
January	4,739	323	156	5,218	1,591	0	233		1,824		
February	4,846	356	46	5,248	985	0	182		1,168		
March	4,063	222	100	4,385	1,131	0	177		1,308		
April	2,870	224	70	3,164	998	0	296		1,294		
May	2,710	287	32	3,029	588	0	111		699		
June	2,270	273	37	2,580	655	5	141		801		
July	801	323	24	1,148	643	0	109		752		
August	866	394	0	1,260	313	0	43		355		
September	510	225	0	735	227	0	65		292		
October	408	209	0	617	216	0	41		257		
November	320	372	0	692	106	0	68		174		
December											
Total											
<i>Man-made</i>											
Cellulosic			Non-cellulosic			Total			Glass	Total all fibers	
Filament yarn	Staple fiber	Total	Filament yarn	Staple fiber	Total	Filament yarn	Staple fiber	Total			
<i>1,000 pounds</i>											
1969											
January	0	0	0	1,278	166	1,444	1,278	166	1,444	41	6,332
February	0	0	0	689	241	930	689	241	930	0	7,600
March	1	0	1	1,105	126	1,231	1,106	126	1,232	24	9,267
April	0	0	0	987	179	1,166	987	179	1,166	64	8,451
May	0	0	0	491	171	662	491	171	662	-1	9,324
June	1	0	1	1,031	391	1,422	1,032	391	1,423	15	8,907
July	0	0	0	509	201	710	509	201	710	16	3,961
August	0	0	0	393	90	483	393	90	483	16	3,250
September	0	0	0	370	92	462	370	92	462	3	3,458
October	15	0	15	450	344	794	465	344	809	2	5,519
November	2	2	4	448	460	908	450	462	912	6	5,879
December	2	0	2	630	496	1,126	632	496	1,128	20	7,553
Total	21	2	23	8,381	2,957	11,338	8,402	2,959	11,361	191	79,501
1970											
January	1	0	1	841	728	1,569	842	728	1,570	5	8,617
February	41	0	41	645	605	1,250	686	605	1,291	1	7,708
March	0	0	0	639	612	1,251	639	612	1,251	10	6,954
April	8	1	9	594	754	1,348	602	755	1,357	3	5,818
May	0	0	0	208	516	724	208	516	724	3	4,455
June	0	1	1	240	530	770	240	531	771	0	4,152
July	0	1	1	145	504	649	145	505	650	0	2,550
August	0	1	1	21	424	445	21	425	446	1	2,062
September	0	1	1	175	310	485	175	311	486	0	1,513
October	0	0	0	-30	247	217	-30	247	217	0	1,091
November	0	0	0		449	452	3	449	452	0	1,318
December	0	0	0								
Total											

Based on data from the Defense Supply Agency, Department of Defense.

Table 26.—Cotton and man-made fiber fabrics: Deliveries to U.S. military forces, in equivalent square yards of fabric, by months, August 1969 to date

Fiber and fabric	1969						1970										
	Aug.	Sept.	Oct.	Nov.	Dec.	Total ¹	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
<i>Thousand square yards</i>																	
COTTON																	
Airplane cloth	0	11	1	0	0	57	4	0	12	9	0	1	6	1	2	10	0
Artificial leather . . .	0	0	0	26	5	53	0	0	0	4	0	0	35	1	0	0	0
Balloon cloth	0	0	343	224	119	1,425	1,016	236	742	-39	185	118	166	0	0	0	0
Bedspread	0	0	19	1	20	193	18	0	0	9	37	30	11	5	-1	1	0
Broadcloth	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Bunting	4	11	18	59	19	176	0	17	0	0	10	3	5	0	0	0	0
Chambray	0	34	0	25	0	74	0	11	0	0	38	0	0	0	0	0	0
Cheesecloth	128	67	69	118	121	1,453	131	122	80	157	136	233	88	95	4	0	0
Damask	5	40	34	14	7	182	24	8	10	4	9	23	3	18	22	20	0
Denim	0	0	25	0	0	25	0	0	102	0	0	0	0	0	0	0	0
Drill	0	0	0	0	0	35	0	0	0	0	0	0	0	0	0	0	0
Duck	41	172	287	834	571	10,064	808	937	1,020	581	945	435	55	164	50	0	0
Flannel	25	0	0	0	0	38	12	0	0	3	14	1	0	0	0	0	0
Muslin	12	0	0	0	0	46	0	8	0	0	23	6	0	0	0	0	0
Osnaburg	112	310	335	149	294	2,104	191	160	232	236	107	264	0	0	0	63	0
Oxford	74	313	338	527	220	2,234	373	345	339	168	611	462	68	30	0	0	71
Poplin	3,629	2,434	3,134	1,797	2,186	57,444	1,443	1,231	312	130	150	1	0	0	0	0	0
Sateen (satin)	155	248	709	957	2,463	19,240	2,678	3,756	2,537	1,716	1,133	843	126	111	7	-1	0
Sheeting (sheets)	34	286	489	192	484	5,444	688	681	1,269	1,281	1,012	1,701	1,212	1,377	1,202	1,089	825
Terry and toweling	268	213	216	188	292	3,051	448	322	334	442	268	301	160	183	65	0	0
Ticking	0	0	0	0	0	26	0	0	0	0	0	0	0	0	0	0	13
Twill	0	67	210	191	36	1,524	119	16	23	37	0	31	0	76	0	22	0
Other broad-woven fabrics	2	1	0	33	50	192	51	47	45	49	3	3	21	0	0	0	0
Webbing	25	57	133	135	110	744	168	73	87	35	9	10	14	3	9	4	4
Knit	39	0	52	1	0	267	0	31	44	57	0	22	0	0	0	0	0
Total cotton	4,541	4,264	6,412	5,471	6,997	106,091	8,172	8,001	7,188	4,879	4,690	4,488	1,970	2,064	1,360	1,208	913
MAN-MADE																	
Cellulosic																	
Broadwoven fabrics																	
Bunting	0	0	62	1	7	76	2	175	1	0	0	1	0	0	0	0	0
Webbing	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
Non-cellulosic																	
Ballistic	406	372	381	378	529	7,856	753	666	590	559	195	151	0	0	197	0	0
Bunting	0	3	11	13	5	100	8	7	0	1	0	0	0	0	1	0	0
Duck	0	0	73	43	126	427	85	24	92	74	0	156	204	38	0	-66	0
Netting	0	0	195	0	0	865	0	0	0	0	0	0	0	0	0	0	0
Oxford	0	0	0	0	0	1,264	0	20	0	13	0	0	0	0	0	0	0
Parachute cloth	8	9	0	7	3	41	3	6	27	16	19	0	2	0	0	0	0
Twill	0	0	0	349	158	514	290	124	330	142	184	68	34	13	52	0	31
Other	19	0	29	14	20	336	44	13	86	43	14	11	25	0	0	0	10
Webbing	8	10	7	9	9	120	20	5	9	9	6	3	1	0	0	0	0
Knit cloth	0	0	0	0	0	87	0	0	0	0	0	0	0	0	0	0	0
Total non-cellulosic	441	394	696	813	850	11,610	1,203	865	1,134	857	418	389	266	51	250	-66	41
Glass	25	9	11	15	38	225	15	1	16	11	3	0	0	5	0	0	0
Total man-made	466	404	769	829	895	11,912	1,220	1,041	1,151	868	421	390	266	56	250	-66	41

¹ January-December.

Based on data from the Defense Supply Agency, Department of Defense.

Table 27.—Wool and fiber mixture fabrics: Deliveries to U.S. military forces, in equivalent square yards of fabric, August 1969 to date

Fiber and fabric	1969						1970										
	Aug.	Sept.	Oct.	Nov.	Dec.	Total ¹	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.
<i>Thousand square yards</i>																	
WOOL																	
Blanketing	0	0	124	311	1,010	1,915	876	503	513	245	118	81	0	0	0	0	0
Flannel	0	0	6	14	0	118	0	5	2	0	0	0	0	0	9	0	0
Gabardine	65	267	374	265	365	1,396	165	92	195	539	446	169	365	116	71	0	0
Melton	39	89	165	218	174	1,983	176	176	210	137	96	122	127	35	96	105	74
Serge	600	888	933	711	611	4,441	895	544	669	554	243	614	522	344	174	223	82
Tropical	0	5	11	0	0	82	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	12	0	0	0	0	0	0	0	0	0	0	0
Total wool	704	1,249	1,613	1,519	2,160	9,947	2,112	1,320	1,589	1,475	903	986	1,014	495	350	328	156
MIXED FIBER																	
Cotton and cellulosic	0	0	0	6	0	7	0	0	0	26	1	7	4	4	3	0	0
Cotton and non-cellulosic	665	537	1,299	1,764	2,089	13,640	2,249	1,564	1,546	1,511	1,423	1,611	1,287	1,402	803	864	1,445
Wool and non-cellulosic	33	112	225	223	192	1,993	1,289	978	1,010	1,764	673	868	692	272	412	252	442
Cellulosic and non-cellulosic	0	1	0	20	0	21	0	0	0	0	0	0	0	0	0	0	0
Total mixed fiber	698	650	1,524	2,013	2,281	15,661	3,538	2,542	2,556	3,301	2,097	2,486	1,983	1,678	1,218	1,116	1,887
COTTON AND NON-CELLULOSIC																	
Broadcloth	509	336	158	212	236	4,339	338	128	425	505	137	361	335	0	0	0	0
Duck	0	0	0	0	0	325	0	0	0	0	0	0	0	0	0	0	0
Oxford	114	55	0	338	150	2,079	480	223	201	0	0	0	0	0	0	0	0
Poplin	0	0	0	78	279	448	517	298	153	494	560	736	0	0	0	84	0
Sateen	0	68	822	703	847	3,254	206	684	433	348	562	399	828	1,003	566	305	720
Twill	0	0	73	276	261	998	320	0	255	71	56	10	124	399	237	474	725
Tropical	39	78	247	152	285	1,879	343	228	80	90	0	0	0	0	0	0	0
Other broadwoven fabrics	0	0	0	0	27	298	40	0	0	0	107	106	0	0	0	0	0
Webbing	3	0	0	4	3	22	4	4	0	3	0	0	0	0	0	0	0
Total cotton and non-cellulosic ...	665	537	1,300	1,763	2,088	13,642	2,248	1,565	1,547	1,511	1,422	1,612	1,287	1,402	803	863	1,445

¹ January-December.

Based on data from the Defense Supply Agency, Department of Defense.

Table 28.—Cotton linters: Supply and disappearance, United States, 1960 to date

Year beginning August 1	Supply				Disappearance		
	Stocks August 1	Production ¹	Net imports	Total	Consumption	Exports	Total
	1,000 bales ²	1,000 bales ³	1,000 bales ⁴	1,000 bales	1,000 bales ²	1,000 bales ²	1,000 bales ²
1960	465	1,595	124	2,184	1,281	338	1,619
1961	468	1,639	183	2,290	1,338	250	1,588
1962	576	1,657	113	2,346	1,328	351	1,679
1963	550	1,607	164	2,322	1,358	322	1,680
1964	601	1,661	\$ 183	2,415	1,386	301	1,687
1965	671	1,581	\$ 193	2,444	1,453	283	1,736
1966	641	1,129	\$ 202	1,971	1,157	179	1,336
1967	637	898	\$ 131	1,666	1,091	176	1,267
1968	365	1,307	\$ 132	1,804	1,130	171	1,301
1969	432	1,176	\$ 143	1,751	1,128	184	1,312
1970 ⁶	344	1,250	150	1,744	1,125	180	1,305

¹Since 1941 includes production at gins and delinting plants. Beginning 1965, such data not available. ²Running bales. ³Running bales through September 1958; 600 pound equivalent

gross weight bales thereafter. ⁴Bales of 500 pounds. ⁵Imports for consumption. ⁶Preliminary, partly estimated. Bureau of the Census.

Table 29.—Special programs of the U.S. Government for financing cotton exports: Fiscal years 1968-71¹

Program	1967/68		1968/69		1969/70		1970/71 ²	
	Value	Quantity	Value	Quantity	Value	Quantity	Value	Quantity
	Mil. dol.	Mil. bales ³	Mil. dol.	Mil. bales ³	Mil. dol.	Mil. bales ³	Mil. dol.	Mil. bales ³
Export-Import Bank ⁴	67.4	0.6	50.1	0.4	67.1	0.6	118.0	1.0
P.L. 480 sales								
Foreign currencies	120.9	.9	83.9	.7	130.3	1.0	62.1	.5
Dollar credit	12.1	.1	3.4	(⁵)	8.1	.1	.3	(⁵)
Total ⁶	200.3	1.6	137.5	1.1	205.6	1.7	180.3	1.4
Barter	41.9	.4	30.8	0.3	77.7	0.7	⁷ 14.2	⁷ 0.1
CCC credit	47.9	.4	46.8	.4	48.2	.4	⁸ 14.4	⁸ .1

¹Authorized for delivery and shipment. Data may differ slightly from actual shipments due to shipping time lags. ²Preliminary. ³Running bales, partly estimated. ⁴Includes amounts advanced by participants or disbursed by others at Export-Import Bank risk. ⁵Less than 50,000 bales. ⁶Totals made from unrounded data. ⁷Data through September 30, 1970. ⁸Data through December 31, 1970.

Estimates compiled from Agricultural Stabilization and Conservation Service and Foreign Agricultural Service reports and other from Export-Import Bank reports.

Table 30.—Cotton: World exports by country of origin, 1957 to date

Country of origin	Year beginning August 1												
	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969 ¹
	<i>1,000 bales²</i>												
NORTH AMERICA													
El Salvador	127	247	112	138	208	292	304	255	248	123	116	107	201
Guatemala	45	65	55	80	115	221	269	282	353	298	269	357	195
Mexico	1,417	1,809	1,304	1,610	1,482	1,897	1,426	1,616	2,127	1,392	1,239	1,631	1,350
Nicaragua	146	331	115	139	242	288	402	571	524	427	429	452	271
United States	5,959	2,895	7,394	6,857	5,056	3,429	5,776	4,195	3,035	4,832	4,361	2,825	2,876
Others	25	27	10	14	21	29	35	60	68	56	47	23	29
Total	7,719	5,374	8,990	8,838	7,124	6,156	8,212	6,979	6,355	7,128	6,461	5,395	4,922
SOUTH AMERICA													
Argentina	(³)	47	31	66	141	216	100	1	34	127	25	1	90
Brazil	215	242	446	695	847	1,145	1,023	1,040	937	1,004	836	1,765	1,900
Colombia	0	0	30	119	143	115	54	52	42	83	150	295	325
Paraguay	35	35	5	20	29	32	47	41	39	23	22	28	53
Peru	402	512	417	478	576	590	510	468	518	381	283	376	344
Total	652	836	929	1,378	1,736	2,098	1,734	1,602	1,570	1,628	1,316	2,465	2,712
EUROPE													
Albania	5	5	7	5	8	4	6	6	0	0	0	0	0
Greece	124	194	153	150	302	238	262	167	192	222	309	180	294
Spain	0	0	0	0	8	100	60	20	15	30	60	0	10
Total	129	199	160	155	318	342	328	193	207	252	369	180	304
U.S.S.R. (Europe & Asia)	1,450	1,600	1,750	1,750	1,600	1,500	1,700	2,000	2,300	2,400	2,400	2,200	1,900
AFRICA													
Angola	27	30	35	29	17	28	22	16	27	27	48	52	90
Central African Republic	---	---	---	42	50	39	48	34	46	49	59	75	80
Chad	---	---	---	109	121	122	168	148	191	161	187	190	225
Congo, Republic of the	151	191	238	112	53	28	32	7	0	0	0	0	15
East Africa ⁴	451	563	420	428	369	383	519	595	611	721	549	460	641
Egypt	1,256	1,380	1,838	1,582	1,121	1,361	1,372	1,558	1,575	1,428	1,171	1,087	1,463
Mozambique	160	125	195	210	154	184	115	168	129	175	175	180	175
Nigeria	111	198	147	181	168	141	145	89	113	110	114	51	100
Sudan	391	671	588	437	637	787	720	471	570	682	794	848	1,081
Western Africa ⁵	45	45	49	64	67	93	112	113	160	96	125	190	210
Others	196	200	183	23	27	41	36	63	82	157	153	188	285
Total	2,788	3,403	3,693	3,217	2,784	3,207	3,289	3,262	3,504	3,606	3,375	3,321	4,365
ASIA													
India	227	325	187	224	253	287	231	202	140	189	171	137	165
Iran	198	190	190	245	266	220	326	313	459	272	299	420	475
Iraq	32	44	19	2	7	9	2	26	10	10	10	10	10
Pakistan	383	375	333	244	299	683	689	485	492	558	887	574	393
Syria	427	357	389	445	474	614	608	726	712	577	491	549	594
Turkey	130	325	409	286	458	568	587	773	920	1,049	1,040	953	1,158
Others ⁶	170	506	423	265	232	214	245	245	197	182	185	170	255
Total	1,567	2,122	1,950	1,711	1,989	2,595	2,688	2,770	2,930	2,837	3,083	2,813	3,050
World total	14,305	13,534	17,472	17,049	15,551	15,898	17,951	16,804	16,866	17,851	17,104	16,374	17,253

¹ Preliminary. ² Bales of 480 pound net weight. ³ Less than 500 bales. ⁴ Includes Kenya, Tanzania, and Uganda. ⁵ French West Africa prior to 1960. ⁶ Mostly Afghanistan, Burma, and Mainland China.

Foreign Agricultural Service. Prepared from official and trade statistics, reports of U.S. agricultural attaches and other information.

Table 31.—Cotton: Acreage, yield, and production in specified countries, average 1964-68, annual 1969 and 1970¹

Continent and country	Acreage			Yield			Production ²		
	Average 1964-68	1969	1970 ³	Average 1964-68	1969	1970 ³	Average 1964-68	1969	1970 ³
	1,000 acres	1,000 acres	1,000 acres	Pounds per acre	Pounds per acre	Pounds per acre	1,000 bales	1,000 bales	1,000 bales
NORTH AMERICA:									
United States	11,076	11,058	11,168	504	434	441	11,641	10,009	10,271
Costa Rica	17	13	5	508	222	576	18	6	6
El Salvador	164	122	145	673	818	745	230	208	225
Guatemala	233	182	175	702	633	658	341	240	240
Honduras	33	12	10	625	600	672	43	15	14
Mexico	1,822	1,340	1,100	618	627	676	2,345	1,750	1,550
Nicaragua	348	240	215	674	620	614	489	310	275
Total ⁴	13,797	13,072	12,923	526	462	468	15,129	12,560	12,602
SOUTH AMERICA:									
Argentina	986	1,100	1,000	235	279	264	483	640	550
Brazil	5,670	6,800	6,000	215	219	200	2,540	3,100	2,500
Colombia	437	635	700	462	405	400	421	590	500
Ecuador	54	30	50	228	320	336	26	20	35
Paraguay	130	125	125	185	288	288	51	75	75
Peru	550	420	410	442	446	468	507	390	400
Venezuela	118	120	120	264	280	280	65	70	70
Total ⁴	7,962	9,313	8,423	247	254	236	4,105	4,901	4,146
EUROPE:									
Bulgaria	117	115	115	295	313	313	72	75	75
Greece	342	375	330	514	653	640	366	510	440
Italy	29	20	20	248	192	192	15	8	8
Spain	444	340	240	385	374	480	356	265	240
Yugoslavia	24	28	30	240	240	224	12	14	14
Total ⁴	1,016	938	795	398	460	481	843	892	797
U.S.S.R. (Europe and Asia)	6,060	6,300	6,500	711	678	783	8,980	8,900	10,600
AFRICA:									
Angola	98	135	135	201	320	320	41	90	90
Cameroon	205	265	225	199	254	128	85	140	70
Central Africa Republic	275	300	300	106	136	144	61	85	90
Chad	737	750	750	119	128	112	182	200	175
Kenya	154	150	150	56	58	58	18	18	18
Malawi	76	85	85	145	198	198	23	35	35
Morocco	43	45	50	368	267	288	33	25	30
Mozambique	906	800	800	96	120	120	181	200	200
Nigeria	840	1,000	1,000	117	192	96	204	400	200
Rhodesia	103	250	250	377	461	461	81	240	240
South Africa, Republic of	90	110	110	421	327	436	79	75	100
Sudan	1,161	1,300	1,325	355	369	362	858	1,000	1,000
Tanzania	495	500	500	286	312	350	295	325	365
Uganda	2,125	2,000	2,000	78	94	91	345	390	380
United Arab Republic	1,756	1,680	1,650	591	714	640	2,161	2,500	2,200
Total ⁴	9,865	10,386	10,376	239	285	259	4,906	6,156	5,601
ASIA AND OCEANIA:									
Afghanistan	310	300	300	175	160	160	113	100	100
Australia	57	78	80	876	751	960	104	122	160
Burma	500	350	350	69	69	69	72	50	50
China, Mainland	12,080	12,300	12,500	261	265	265	6,580	6,800	6,900
India	19,706	19,400	19,400	118	126	114	4,860	5,100	4,600
Iran	890	940	790	314	363	389	582	710	640
Iraq	75	75	75	269	288	288	42	45	45
Israel	55	82	85	986	1,077	875	113	184	155
Korea, Republic of	48	45	45	190	213	213	19	20	20
Pakistan	4,059	4,345	4,400	250	273	273	2,116	2,475	500
Southern Yemen	45	40	40	203	240	240	19	20	20
Syria	662	700	675	518	470	498	714	685	700
Thailand	222	150	55	255	256	349	118	80	40
Turkey	1,733	1,575	1,350	474	559	645	1,710	1,835	1,815
Total ⁴	40,498	40,417	40,180	203	215	211	17,103	18,154	17,635
World Total ⁴	79,255	80,504	79,177	310	308	312	51,170	51,685	51,541
Foreign Free World ^{4*}	49,778	50,586	48,949	230	245	231	13,852	25,858	23,653
Communist countries ⁴	18,401	18,860	19,060	409	403	444	15,677	15,818	17,618

¹Harvest season beginning August 1. ²Bales of 480 pounds net. ³Preliminary. ⁴Includes estimates for minor-producing countries not shown above and allowances for countries where data are not yet available.

Foreign Agricultural Service. Prepared or estimated on the basis of official statistics of foreign governments, other foreign source materials, reports of U.S. Agricultural Attaches and Foreign Service Officers, results of office research and related information.

Table 32.—Cotton: Exports by staple length and by countries of destinations, United States, October and November 1970 and cumulative totals, August 1, 1970 to date

Country of destination	October 1970				November 1970				Cumulative August-November 1970			
	1-1/8 inches and over ¹	1 inch to 1-1/8 inches	Under 1 inch	Total	1-1/8 inches and over ¹	1 inch to 1-1/8 inches	Under 1 inch	Total	1-1/8 inches and over ¹	1 inch to 1-1/8 inches	Under 1 inch	Total
<i>Running bales</i>												
Europe												
United Kingdom	0	6,485	200	6,685	0	6,255	300	6,555	350	18,454	500	19,304
Australia	0	0	0	0	0	0	0	0	0	0	0	0
Belgium and Luxembourg	0	2,268	0	2,268	1,750	1,958	100	3,808	1,750	5,117	100	6,967
Denmark	0	0	0	0	0	0	0	0	0	5	0	5
Ireland (Eire)	0	0	0	0	0	999	0	999	0	999	0	999
Finland	0	0	0	0	0	0	0	0	0	0	0	0
France	656	523	0	1,179	409	1,116	0	1,525	1,595	3,079	68	4,742
Germany (West)	978	7,433	0	8,411	980	3,528	0	4,508	3,100	14,231	22	17,443
Italy	0	3,026	0	3,026	0	4,191	11	4,202	0	8,466	76	8,542
Netherlands	608	1,074	0	1,682	1,075	397	0	1,472	2,237	2,887	0	5,124
Norway	0	0	0	0	0	0	0	0	0	0	0	0
Portugal	0	0	0	0	0	0	0	0	0	0	0	0
Spain	0	0	0	0	50	50	0	100	50	50	0	100
Sweden	240	1,129	0	1,369	0	1,525	750	2,275	390	3,955	750	5,095
Switzerland	100	1,508	0	1,609	1,761	3,039	200	5,000	1,861	4,959	200	7,020
Yugoslavia	0	0	0	0	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0	0	0	0	0
Total Europe	2,582	23,446	200	26,228	6,025	23,058	1,361	30,444	11,333	62,292	1,716	75,341
Other Countries												
Canada	1,680	13,505	6,299	21,484	1,864	15,416	5,683	22,963	4,837	48,438	20,564	73,839
Colombia	4	0	0	4	6	881	0	887	10	881	0	891
Chile	0	0	0	0	0	0	0	0	0	22	0	22
India	0	0	0	0	0	0	0	0	4,502	1,127	0	5,629
Pakistan	0	0	0	0	0	0	0	0	0	0	0	0
Indonesia	0	1,500	0	1,500	905	29,622	1,089	31,616	905	31,237	1,089	33,231
Korea	905	28,589	10,632	40,126	613	21,709	7,283	29,605	2,899	87,186	34,611	124,696
Hong Kong	511	899	6,780	8,190	0	699	6,014	6,713	511	1,877	15,539	17,927
Taiwan	113	3,026	2,029	5,168	1,019	8,253	3,961	13,233	1,300	17,349	11,319	29,968
Japan	100	21,583	24,498	46,181	707	46,279	27,801	74,787	954	75,191	64,654	140,799
Australia	0	0	0	0	0	0	0	0	0	0	0	0
Morocco	0	0	0	0	0	2,067	52	2,119	0	2,190	52	2,242
Republic of South Africa	0	250	155	405	0	361	1,007	1,368	0	1,521	1,212	2,733
Other	1,501	27,409	2,694	31,604	685	32,061	4,993	37,739	6,147	80,254	11,585	97,986
World Total	7,396	120,207	53,287	180,890	11,824	180,406	59,244	251,474	33,398	409,565	162,341	605,304

¹ Includes American Pima and Sea Island Cotton.

Bureau of the Census.

Table 33.—Cotton: Average prices¹ of selected growths and qualities, c.i.f. Liverpool, England, 1968-70 October, November, December 1969 and January-December 1970

Year and month	M 1"		SM 1/16"							SM 1 1/8"	
	U.S.	Pakistan 289F	U.S.	Mexico	Nicaragua	Syria	U.S.S.R. Pervyi 31/32 mm.	Iran	Turkey (Izmir)	U.S.	Uganda BP 52
	<i>Equivalent U.S. cents per pound</i>										
1968	28.22	28.28	33.07	30.89	29.40	32.29	32.22	32.00	31.14	34.85	37.74
1969	25.53	27.15	28.47	28.45	26.70	² 29.21	29.39	28.52	27.88	29.97	33.55
1970	27.46	29.61	29.67	30.71	28.45	² 29.26	32.47	29.22	28.35	31.32	33.15
1969											
October	25.23	25.89	28.15	28.45	26.61	² 27.03	28.70	27.30	26.30	29.65	31.15
November ..	25.79	26.18	28.56	29.38	27.56	² 27.55	29.94	27.62	26.95	30.06	31.56
December ..	26.50	27.17	28.75	29.75	27.75	28.50	31.50	28.25	27.75	30.25	32.00
1970											
January	26.50	27.89	28.75	29.65	27.52	² 28.60	31.58	28.50	27.50	30.25	31.55
February ...	26.62	29.55	28.81	29.56	27.20	² 28.60	31.15	28.62	27.50	30.31	32.06
March	27.00	29.55	29.00	29.80	27.45	² 28.75	32.15	28.75	27.40	30.50	32.25
April	27.31	29.75	29.31	30.02	27.90	² 28.88	31.99	28.75	27.78	30.81	32.25
May	27.40	29.44	29.40	30.14	27.81	² 28.81	31.75	28.75	28.32	30.90	32.62
June	26.95	29.75	29.45	30.21	27.75	² 28.88	31.44	28.75	28.14	31.20	32.75
July	27.06	29.40	29.70	30.49	28.20	² 29.00	31.53	28.80	27.94	31.50	33.60
August	27.31	28.84	29.75	30.96	28.92	² 29.15	33.75	29.25	28.06	31.50	32.69
September ..	28.16	29.00	30.26	31.38	29.15	² 29.44	33.75	29.25	28.62	32.01	34.20
October	28.60	29.76	30.70	31.64	29.66	29.77	34.00	29.54	28.87	32.45	34.50
November ..	28.82	30.85	30.58	32.16	30.38	30.48	33.50	30.31	29.36	32.28	34.31
December ..	27.83	31.40	30.39	32.50	30.50	30.80	33.00	31.17	30.75	32.09	35.00

¹Generally for prompt shipment. ²Including War Risk surcharge.

Foreign Agricultural Service.

Table 34.—Cotton: Average prices¹ of selected growths and qualities, c.i.f. Bremen, Germany, annual 1968-70, October, November, December, 1969 and January-December 1970

Year and month	M Lt. Spot 1 /32"		SM 1 1/16"							SM 1 1/8"	
	U.S.	Brazil Type 4/5	U.S.	Mexico	Nicaragua	Syria	U.S.S.R. Pervyi 31/32 mm.	Iran	Turkey (Izmir)	U.S.	Uganda BP 52
	<i>Equivalent U.S. cents per pound</i>										
1968	26.32	27.63	32.10	30.52	28.72	30.87	32.00	30.80	30.31	(⁴)	36.71
1969	24.33	24.64	28.48	27.80	26.14	28.71	28.81	28.64	27.76	31.21	33.46
1970	26.51	26.76	29.54	30.20	28.05	29.00	31.86	29.17	28.49	31.28	33.08
1969											
October	24.40	24.76	28.32	27.66	26.58	27.20	² 29.37	27.82	26.20	30.88	30.88
November ..	24.23	24.58	27.81	27.30	26.03	27.35	³ 30.90	27.56	26.50	30.95	31.23
December ..	24.93	25.38	28.95	28.90	27.30	28.03	(⁴)	28.53	27.77	31.05	31.68
1970											
January	25.09	25.48	29.01	28.96	26.99	27.85	(⁴)	29.12	27.72	31.05	31.86
February ...	25.46	25.44	28.99	29.22	26.96	28.51	(⁴)	28.98	27.55	31.14	31.92
March	25.71	26.22	29.02	29.60	27.61	28.90	(⁴)	28.48	27.67	31.05	32.12
April	25.95	27.44	29.30	29.70	27.65	³ 28.15	⁵ 31.07	28.80	28.31	31.40	32.20
May	26.19	27.62	29.45	29.72	27.76	28.75	31.15	28.99	27.94	31.40	31.82
June	26.38	27.00	29.26	30.05	27.64	28.90	31.15	28.87	28.10	30.95	31.90
July	26.38	(⁴)	29.30	30.12	27.98	28.90	31.15	(⁴)	28.26	30.90	32.70
August	26.45	(⁴)	29.38	30.35	28.15	29.01	31.15	(⁴)	28.45	30.98	33.29
September ..	26.81	(⁴)	29.79	30.66	28.54	29.28	32.40	28.94	28.65	31.39	34.58
October	27.49	(⁴)	30.11	31.18	28.93	29.47	32.68	29.34	29.04	31.57	34.71
November ..	27.65	(⁴)	30.25	31.40	29.12	29.97	32.83	29.92	29.47	31.68	34.95
December ⁵ ..	28.58	28.15	30.60	31.42	29.32	30.30	32.35	30.25	30.72	31.80	34.95

¹Generally for prompt shipment. ²Average of 3 quotations. ³One quotation. ⁴Not quoted. ⁵Average of 2 quotations.

Foreign Agricultural Service

Table 35.—Foreign spot prices per pound including export taxes¹ and U.S. average spot export prices, October, November, and December 1970

Market	Foreign		United States	
	Quality	Price per pound ³	Price per pound ⁴	Quality ⁵
<i>Cents</i>				
October 1970				
Bombay, India	Digvijay, fine 7/8"	35.95	21.80	SLM 15/16"
Karachi, Pakistan	289 F Sind Fine S G	N.A.	22.49	SLM 1"
Izmir, Turkey	Standard II	24.73	26.09	M 1-1/16"
Sao Paulo, Brazil	Type 5	26.99	22.33	SLM 31/32"
Torreon-Coahuila, Mexico	M 1-1/16"	27.82	26.09	M 1-1/16"
Lima, Peru	Tanguis type 5	29.43	⁷ 27.40	SLM 1-3/16"
Alexandria, UAR	Giza 66 good	30.55	⁸ 27.00	M 1-1/8"
November 1970				
Bombay, India	Digvijay, fine 7/8"	41.64	21.68	SLM 15/16"
Karachi, Pakistan	289 F Sind Fine S G	N.A.	22.38	SLM 1"
Izmir, Turkey	Standard II	N.A.	25.80	M 1-1/16"
Sao Paulo, Brazil	Type 5	29.92	22.14	SLM 31/32"
Torreon-Coahuila, Mexico	M 1-1/16"	28.76	25.80	M 1-1/16"
Lima, Peru	Tanguis type 5	30.24	⁷ 26.93	SLM 1-3/16"
Alexandria, UAR	Giza 66 good	30.55	⁸ 26.85	M 1-1/8"
December 1970				
Bombay, India	Digvijay, fine 7/8"	48.43	21.40	SLM 15/16"
Karachi, Pakistan	289 F Sind Fine S G	N.A.	22.23	SLM 1"
Izmir, Turkey	Standard II	26.07	25.57	M 1-1/16"
Sao Paulo, Brazil	Type 5	29.95	21.83	SLM 31/32"
Torreon-Coahuila, Mexico	M 1-1/16"	28.76	25.57	M 1-1/16"
Lima, Peru	Tanguis Type 5	29.73	⁷ 26.93	SLM 1-3/16"
Alexandria, UAR	Giza 66 good	30.55	⁸ 26.91	M 1-1/8"

¹Includes export taxes where applicable. ²Quotations on net weight basis. ³Averages of prices collected once each week. ⁴Average spot market gross weight price divided by 0.96 to convert price to a net weight basis. ⁵Quality of U.S. cotton generally considered to be most nearly comparable to the

foreign cotton. ⁶Torreon-Coahuila District cotton delivered uncompressed ex-warehouse Brownville, Texas, Mexican export taxes paid. Net weight price-actual price divided by 0.96. ⁷Based on El Paso market. ⁸Based on average of Fresno, Greenwood, Memphis and El Paso markets. N.A. Not available.

Table 36.— Cotton and man-made staple fibers: Price of cotton landed Group B mill points, list prices of man-made f.o.b. producing plants, actual and cotton equivalent, annual 1962-70, monthly, January 1968 to date

Year beginning January 1	Cotton ¹		Rayon				Non-cellulosic ²			
			Regular ³		Modified ⁴		Polyester		Acrylic	
	Actual	Cot. equiv. ⁵	Actual	Cot. equiv. ⁵	Actual	Cot. equiv. ⁵	Actual	Cot. equiv. ⁵	Actual	Cot. equiv. ⁵
	<i>Dollars</i>									
1962	0.49	0.45	0.27	0.28	0.40	0.42	1.14	0.96	0.93	0.78
1963	.39	.44	.27	.28	.40	.42	1.14	.96	.80	.67
1964	⁶ .34	.39	.28	.29	.38	.40	.99	.83	.80	.67
1965	⁶ .30	.33	.28	.29	.36	.38	.84	.71	.80	.67
1966	⁶ .29	.33	.28	.29	.36	.38	.81	.68	.80	.67
1967	.31	.35	.28	.29	.36	.38	.63	.53	.78	.66
1968	.35	.40	.28	.29	.37	.39	.61	.51	.68	.57
1969	.31	.35	.28	.29	.38	.40	.61	.51	.68	.57
1970	.00	.00	.00	.00	.00	.00	0.00	.00	.00	.00
1969										
January	0.32	0.36	0.28	0.29	0.38	0.40	0.61	0.51	0.68	0.57
February	.31	.35	.28	.29	.38	.40	.61	.51	.68	.57
March	.31	.35	.28	.29	.38	.40	.61	.51	.68	.57
April	.31	.35	.28	.29	.38	.40	.61	.51	.68	.57
May	.31	.35	.28	.29	.38	.40	.61	.51	.68	.57
June	.31	.35	.28	.29	.38	.40	.61	.51	.68	.57
July	.31	.35	.28	.29	.38	.40	.61	.51	.68	.57
August	.31	.35	.28	.29	.38	.40	.61	.51	.68	.57
September	.30	.34	.28	.29	.38	.40	.61	.51	.68	.57
October	.30	.34	.28	.29	.38	.40	.61	.51	.68	.57
November	.30	.34	.28	.29	.38	.40	.61	.51	.68	.57
December	.29	.33	.28	.29	.38	.40	.61	.51	.68	.57
1970										
January	0.29	0.33	0.28	0.29	0.38	0.40	0.61	0.51	0.68	0.57
February	.29	.33	.28	.29	.38	.40	.61	.51	.68	.57
March	.29	.33	.28	.29	.38	.40	.61	.51	.68	.57
April	.29	.33	.28	.29	.38	.40	.61	.51	.68	.57
May	.29	.33	.28	.29	.38	.40	.61	.51	.68	.57
June	.30	.34	.28	.29	.38	.40	.61	.51	.68	.57
July	.30	.34	.28	.29	.38	.40	.61	.51	.68	.57
August	.30	.34	.28	.29	.38	.40	.61	.51	.68	.57
September	.30	.34	.28	.29	.38	.40	.61	.51	.68	.57
October	.30	.34	.28	.29	.38	.40	.61	.51	.68	.57
November	.30	.34	.28	.29	.38	.40	.61	.51	.68	.57
December	.30	.34	.28	.29	.38	.40	.61	.51	.68	.57

¹SM 1-1/16", Group B mill points ÷ 0.96, to convert to a net-weight basis. ²1.5 denier. ³1.5 denier, viscose. ⁴1.5 and 3.0 denier, viscose. ⁵Actual prices converted to cotton equivalents as follows: Cotton, ÷ 0.88, Rayon, ÷ 0.96, and non-cellulosic, ÷

1.19. ⁶Prices for August 1964-July 1966 exclude equalization payments.

Consumer and Marketing Service and *Modern Textiles Magazine*.

INDEX TO 1970 ISSUES OF COTTON SITUATION

<i>Item</i>	<i>Issue</i>
Acreage:	
Harvested—	
In foreign countries	January, March, October
U.S., by region and by State	January, March, May, August, October
Planted, U.S., by region	January, March, May, August, October
U.S. by State	January, March, August
Skip-row patterns	October
Carryover:	
By type	January, March, May, August, October
Communist areas	October
Foreign Free World	January, March, May, August, October
Commodity Credit Corporation Inventory:	
By staple length — upland	January, March, October
Owned and under loan	January, March, May, August, October
Consumption of cotton:	
Communist areas	October
Foreign Free World	January, March, May, August, October
United States	
All kinds, by month	January, March, May, August, October
American upland, by staple, by month	January, March, October
Calendar year, mill and domestic	January, March, October
Daily rate	January, March, May, August, October
Mill, by type	January, March, May, August, October
Per capita	January, March, October
Upland, monthly totals	January, March, October
Cotton program	January, March
Cottonseed and products	May
ELS cotton situation	March
Exports:	
By country of destination from the United States	January, March, May, August, October
By months, total and cumulative	January, March, May, August, October
Government financed	January, March, May, August, October
Textiles (raw cotton equivalent)	January, March, May, August, October
Total lint, by type	January, March, May, August, October
Ginnings:	
By staple length	January, March, October
By States	March
Imports:	
By months, total and cumulative	January, March, May, August, October
Textile (raw cotton equivalent)	January, March, May, August, October
Total lint, by type	January, March, May, August, October
Linters:	
Prices	August
Supply and distribution	January, August, October
Loan differentials	May
Loan rates	January, March, May, August, October
Man-made fibers:	
Consumption—	
Daily rate, on cotton system	January, March, May, August, October
Domestic	January, March
Domestic, cotton equivalent	March
Mill, total and per capita	January, March, October
Staple fibers, cotton equivalent, monthly, on cotton system	January, March

INDEX TO 1970 ISSUES OF COTTON SITUATION—continued

<i>Item</i>	<i>Issue</i>
Man-made fibers:	
Consumption—continued	
Prices—f.o.b. producing plants	January, March, May, August, October
Producing capacity	January
Textiles, exports and imports	January, March, May, August, October
World production—actual and cotton equivalent	August
Methods of harvesting cotton	August
Military demand for cotton	January, March, May, August, October
Mill margins and fiber prices	
Blended fabrics	January, March, May, August
Cotton cloth	January, March, May, August, October
Prices, cotton:	
Domestic—	
American-Egyptian	May, October
Gray goods and blends	January, March, May, August
Landed group B mill points—SM 1-1/16”	January, March
Parity percentage	May
Parity price	January, March, May, August, October
Premiums and discounts	May
Received by farmers	January, March, May, August, October
Spot—by specified qualities	January, March, May, August, October
Foreign—c.i.f. and spot	January, March, May, August, October
Production of cotton:	
American Pima (formerly American-Egyptian)	January, March, May, August, October
In foreign countries	January, March, October
Lint, all kinds	January, March, May, August, October
Percent sold, by State	May
Ratio of stocks to unfilled orders	January, March, May, August, October
Skip-row planting	October
Situation at a Glance	January, March, May, August, October
Special articles:	
The Cotton Fiber-Textile-Apparel Complex	May
Yield and Acreage Implications for U.S. Cotton	August
Stocks of cotton, beginning of season:	
All kinds, privately owned and CCC	August
By type	January, March, May, August, October
CCC, weekly data	January, March, May, August, October
In foreign countries	January, March, May, August, October
Supply and distribution of cotton:	
All kinds, by type	January, March, May, August, October
By staple length, upland	January, March, October
Communist areas	October
Foreign Free World	January, March, May, August, October
Textiles:	
Exports (cotton equivalent)	January, March, May, August, October
Deliveries to Military Forces	January, March, May, August, October
Imports (cotton equivalent)	January, March, May, August, October
Value of production: Cotton lint and seed	May
Yields:	
Per harvested acre—	
By region, actual and trend, and by State	January, March, May, August, October
In foreign countries	January, March, October
Per planted acre—by State and U.S.	January, March, May

TABLES

	<i>Table</i>	<i>Page</i>
COTTON		
Acreage		
Allotments, United States		
Extra-long staple, by State, 1967 to date	9	10
Upland, by region, 1959 to date	12	14
Harvested, by country and world, averaged 1964-68, 1969 and 1970	31	31
Harvested and planted, U.S. by region, 1960-70	16	17
Harvested, by State and United States, average 1964-68, 1969 and 1970	1	6
Planted, by State and United States average 1964-68, 1970, and 1971	13	15
Consumption, United States		
Annual totals, adjusted by marketing year, by type, 1955 to date	15	16
Daily rate, upland, unadjusted and seasonally adjusted, August 1969 to date	4	8
Mill, per capita, and total, calendar years, 1958 to date	7	10
Mill, American Upland, by staple length, May 1967 and August 1968 to date	20	21
Mill, upland, monthly totals, August 1968 to date	6	9
Exports		
Annual totals, by type, United States, 1955 to date	15	16
World, by country of origin, 1957 to date	30	30
U.S., by country of destination, by staple length, October and November 1970, and cumulative August-November 1970	32	32
Government financed, United States, fiscal years, 1968 to date	29	29
Textile manufactures, raw cotton equivalent, U.S. 1965 to date	22	23
Imports into the United States		
Annual totals, by type, 1955 to date	15	16
Textile manufactures, raw cotton equivalent, 1965 to date	21	22
Linters, supply and distribution, United States, 1950 to date	28	29
Loan rates, average of the crop and spot market by staple, U.S. 1967-70	19	20
Military deliveries of textiles, United States, August 1969 to date		
All fabrics, by major raw fiber content, in pounds	25	26
Cotton and man-made fiber fabrics, in equivalent square yards	26	27
Wool and fiber mixture fabrics, in equivalent square yards	27	28
Prices, monthly and annual averages		
By staple length at spot markets, U. S., August 1967 to date	19	20
C.i.f. selected growths and qualities		
Bremen, Germany, 1967 to date	34	33
Liverpool, England, 1967 to date	33	33
Cloth values, raw fiber prices and mill margins, carded yarn goods, U.S., August 1969 to date	8	10
Foreign spot market prices and equivalent U.S. spot export prices, October, November, and December 1970	35	34
Received by farmers for upland cotton, United States, August 1967 to date	19	20
Selected growths and qualities, average index price and U.S. price SM 1-1/16", Liverpool, England, January 1968 to date	11	13
Production		
Annual totals, by type, United States, 1955 to date	15	16
By country and world, average 1964-68, 1969 and 1970	31	31
By region, United States, 1960 to date	16	17
By State and United States, average 1964-68, 1969 and 1970	1	6
Ginnings, upland cotton, by staple length, United States, through November 30, crops of 1969 and 1970	2	6
Ratio of stocks to unfilled orders, cotton broadwoven goods, January 1966 to date	5	8
Stocks, United States		
By type, beginning of season, 1955 to date	15	16
CCC weekly totals, upland and extra-long staple, August 1, 1969-July 31, 1970	18	19
CCC weekly totals, upland and extra-long staple, August 1, 1970 to date	3	7

INDEX OF TABLES—continued

	<i>Table</i>	<i>Page</i>
Supply and distribution		
American upland, by staple length, 1961 to date	17	18
Foreign Free World, 1959 to date	10	11
United States, by type, 1955 to date	15	16
Yield per harvested acre		
By country and world, averages 1964-68, 1969 and 1970	31	31
By region, U.S., actual and trend, 1960 to date	16	17
By State, 1964-68 average, 1969 and 1970	1	6
HUMAN-MADE FIBERS		
Consumption, United States		
Daily rate, on cotton system, unadjusted and seasonally adjusted,		
August 1969 to date	4	8
Monthly totals, on cotton system, staple fibers, in cotton equivalent bales,		
August 1968 to date	6	9
Producing capacity, United States, yarn and staple fibers,		
November 1970 and 1972	14	15
Textile manufactures, raw fiber equivalent		
Exports, 1965 to date	24	25
Imports, 1965 to date	23	24

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JANUARY 1971

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